

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089162.D
 Acq On : 21 Jul 2016 6:19
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 21 07:25:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47783	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	204077	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	98145	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	180393	20.00	ng	0.00
75) Chrysene-d12	13.73	240	135705	20.00	ng	0.00
86) Perylene-d12	15.06	264	102116	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	246505	78.46	ng	0.00
7) Phenol-d6	6.26	99	314545	77.64	ng	-0.01
23) Nitrobenzene-d5	7.18	82	297062	77.34	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	70017	79.24	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	566811	79.57	ng	0.00
78) Terphenyl-d14	12.69	244	470645	75.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	51512	37.76	ng	94
3) Pyridine	2.67	79	137072	39.55	ng	97
4) n-Nitrosodimethylamine	2.64	42	55627	38.13	ng	97
6) Aniline	6.26	93	202528	37.00	ng	99
8) 2-Chlorophenol	6.39	128	140773	40.38	ng	90
9) Benzaldehyde	6.15	77	81722	37.81	ng	97
10) Phenol	6.27	94	187628	40.20	ng	# 72
11) bis(2-Chloroethyl)ether	6.35	93	143558	40.95	ng	97
12) 1,3-Dichlorobenzene	6.54	146	147448	38.30	ng	97
13) 1,4-Dichlorobenzene	6.62	146	157857	40.71	ng	98
14) 1,2-Dichlorobenzene	6.78	146	142061	38.86	ng	97
15) Benzyl Alcohol	6.76	79	110738	37.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	152446	38.17	ng	# 71
17) 2-Methylphenol	6.88	107	104239	37.96	ng	97
18) Hexachloroethane	7.11	117	57133	39.20	ng	94
19) n-Nitroso-di-n-propylamine	7.03	70	99758	37.64	ng	# 87
20) 3+4-Methylphenols	7.04	107	142422	38.20	ng	# 87
22) Acetophenone	7.03	105	209249	38.40	ng	# 97
24) Nitrobenzene	7.20	77	155291	38.34	ng	98
25) Isophorone	7.44	82	268292	37.90	ng	98
26) 2-Nitrophenol	7.51	139	71719	37.96	ng	97
27) 2,4-Dimethylphenol	7.56	122	120617	37.89	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	177678	40.13	ng	100
29) 2,4-Dichlorophenol	7.76	162	113384	39.53	ng	96
30) 1,2,4-Trichlorobenzene	7.83	180	120411	37.92	ng	# 94
31) Naphthalene	7.91	128	419876	38.12	ng	100
32) Benzoic acid	7.71	122	82586	33.74	ng	92
33) 4-Chloroaniline	7.96	127	176268	38.06	ng	# 88
34) Hexachlorobutadiene	8.03	225	69327	39.23	ng	99
35) Caprolactam	8.35	113	34857	39.13	ng	# 86
36) 4-Chloro-3-methylphenol	8.47	107	136895	39.61	ng	93
37) 2-Methylnaphthalene	8.60	142	257687	36.68	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	135627	37.18	ng	98
40) Hexachlorocyclopentadiene	8.75	237	37605	35.99	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089162.D
 Acq On : 21 Jul 2016 6:19
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 21 07:25:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

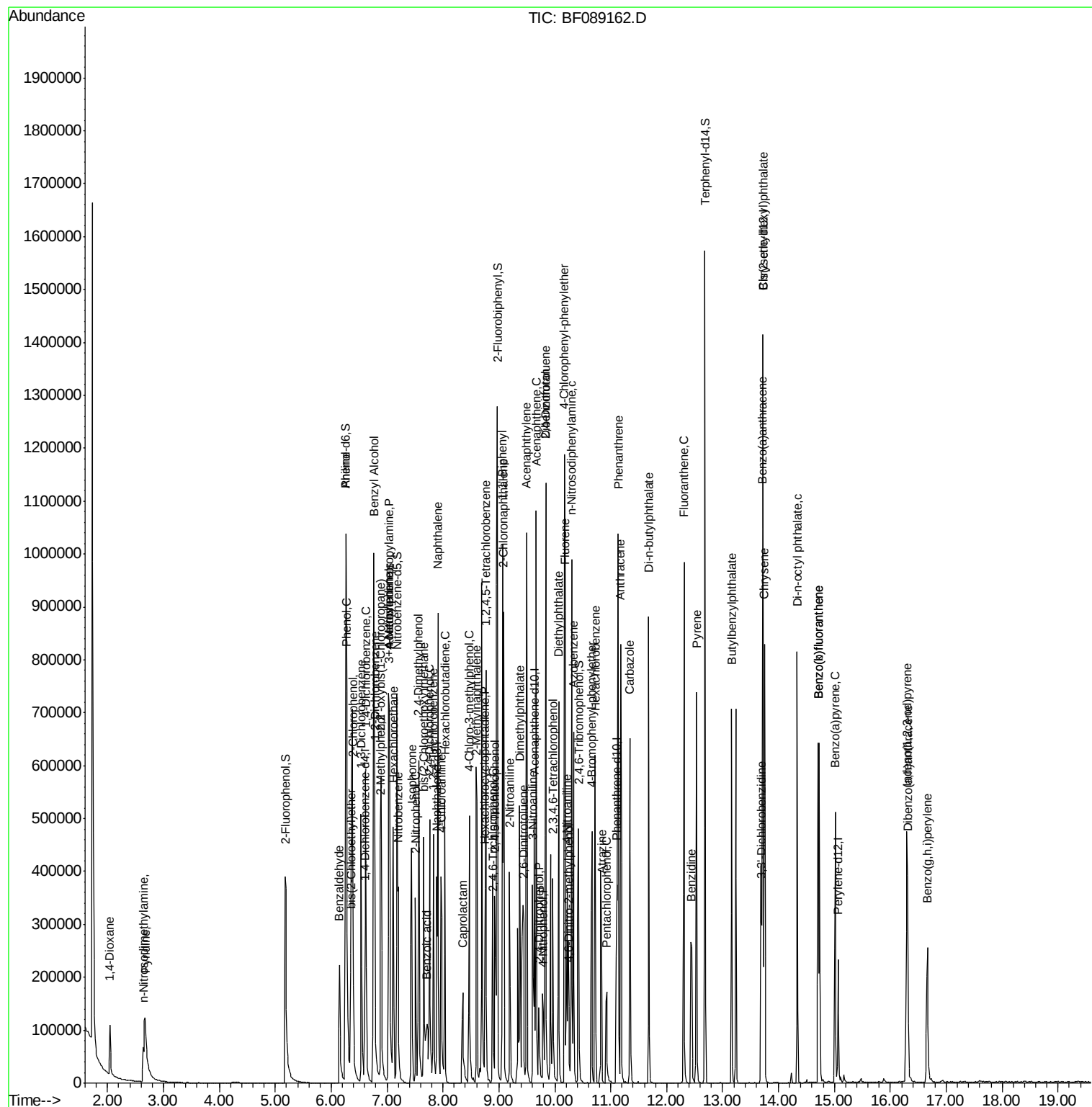
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	73850	36.17	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	82151	40.08	ng	# 82
45) 1,1'-Biphenyl	9.06	154	328548	37.17	ng	99
46) 2-Chloronaphthalene	9.08	162	260399	38.77	ng	98
47) 2-Nitroaniline	9.19	65	85185	36.97	ng	98
48) Acenaphthylene	9.50	152	423085	40.07	ng	100
49) Dimethylphthalate	9.37	163	273463	36.31	ng	98
50) 2,6-Dinitrotoluene	9.44	165	62570	36.80	ng	91
51) Acenaphthene	9.67	154	247533	39.63	ng	100
52) 3-Nitroaniline	9.60	138	74045	36.67	ng	# 69
53) 2,4-Dinitrophenol	9.71	184	22574	31.79	ng	97
54) Dibenzofuran	9.84	168	336746	39.90	ng	97
55) 4-Nitrophenol	9.79	139	40445	33.10	ng	96
56) 2,4-Dinitrotoluene	9.84	165	86489	39.49	ng	# 82
57) Fluorene	10.18	166	276834	38.64	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61702	41.92	ng	95
59) Diethylphthalate	10.07	149	291368	39.02	ng	99
60) 4-Chlorophenyl-phenylether	10.17	204	113578	34.73	ng	# 67
61) 4-Nitroaniline	10.22	138	77940	39.67	ng	98
62) Azobenzene	10.33	77	303094	37.34	ng	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	39058	37.19	ng	99
65) n-Nitrosodiphenylamine	10.30	169	247626	41.07	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	74446	41.70	ng	# 87
67) Hexachlorobenzene	10.72	284	73412	38.23	ng	# 64
68) Atrazine	10.83	200	73560	39.02	ng	93
69) Pentachlorophenol	10.93	266	32567	36.77	ng	97
70) Phenanthrene	11.13	178	414296	41.87	ng	100
71) Anthracene	11.18	178	401259	39.01	ng	99
72) Carbazole	11.34	167	358986	39.73	ng	99
73) Di-n-butylphthalate	11.68	149	439118	39.30	ng	99
74) Fluoranthene	12.31	202	437098	42.02	ng	96
76) Benzidine	12.45	184	165162	35.40	ng	100
77) Pyrene	12.54	202	445806	39.78	ng	98
79) Butylbenzylphthalate	13.17	149	194357	41.00	ng	88
80) Benzo(a)anthracene	13.71	228	329762	38.15	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	109803	38.30	ng	# 96
82) Chrysene	13.75	228	277660	33.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	244684	38.91	ng	# 98
84) Di-n-octyl phthalate	14.33	149	385130	37.12	ng	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	227156	37.88	ng	99
87) Benzo(b)fluoranthene	14.71	252	504406	68.20	ng	97
88) Benzo(k)fluoranthene	14.71	252	504406	95.37	ng	# 96
89) Benzo(a)pyrene	15.02	252	233424	40.65	ng	# 96
90) Dibenzo(a,h)anthracene	16.31	278	194826	42.97	ng	97
91) Benzo(g,h,i)perylene	16.66	276	194968	42.65	ng	99

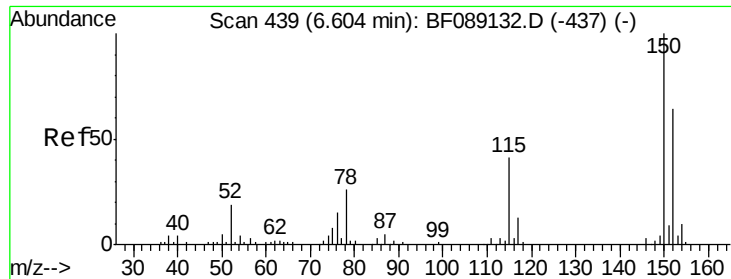
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089162.D
Acq On : 21 Jul 2016 6:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 21 07:25:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

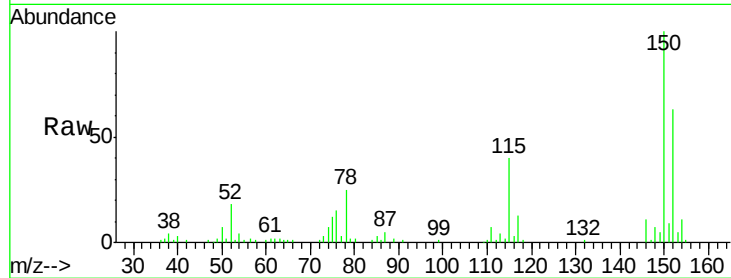
Tgt Ion:152 Resp: 47783

Ion Ratio Lower Upper

152 100

150 157.8 125.1 187.7

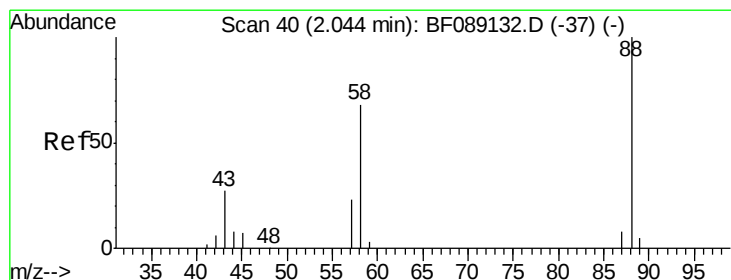
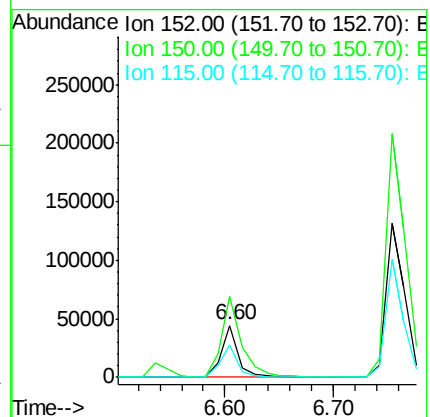
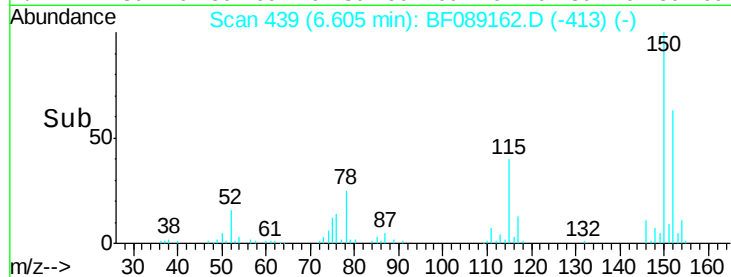
115 62.7 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.76 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

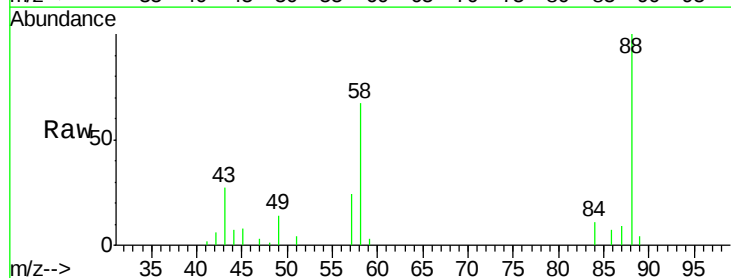
Tgt Ion: 88 Resp: 51512

Ion Ratio Lower Upper

88 100

58 67.1 49.2 73.8

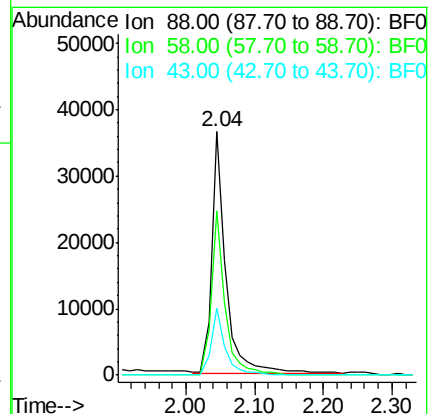
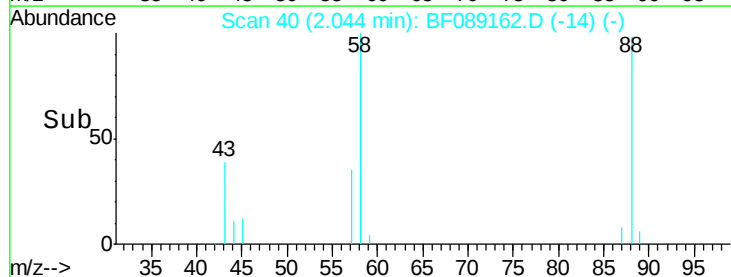
43 27.6 20.6 30.8

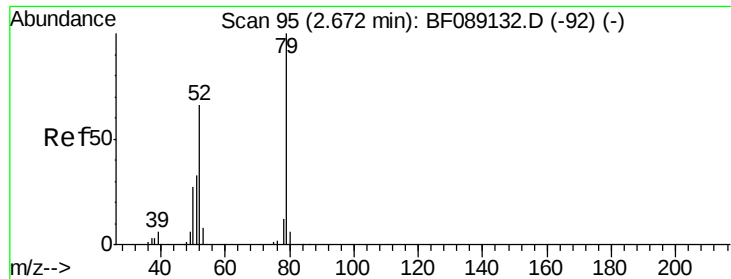


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.55 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

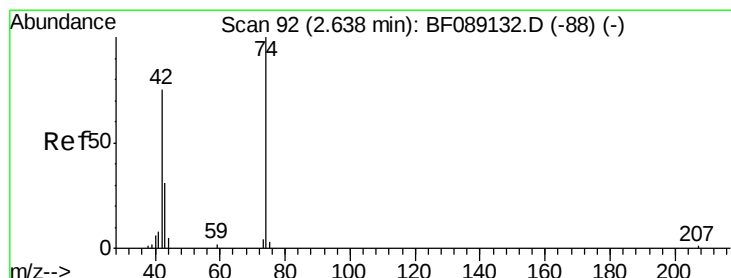
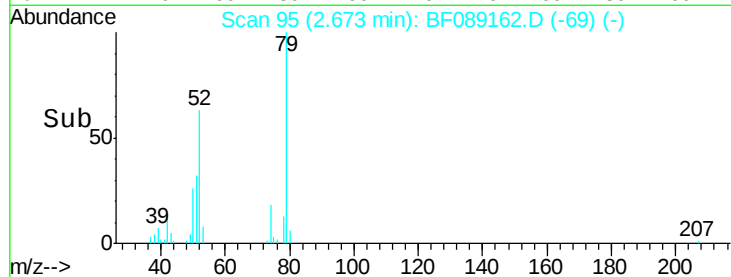
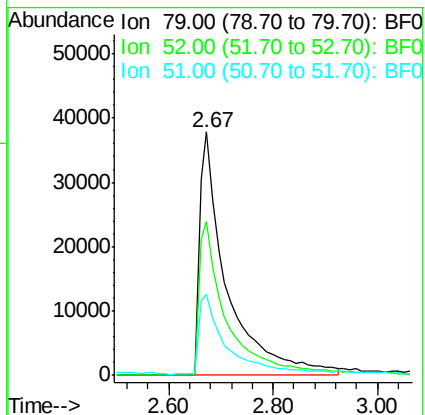
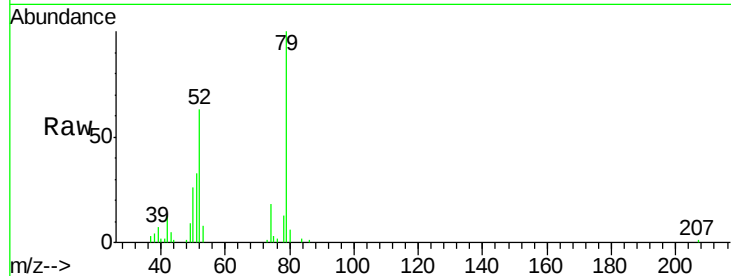
Tgt Ion: 79 Resp: 137072

Ion Ratio Lower Upper

79 100

52 63.1 52.9 79.3

51 33.5 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 38.13 ng

RT: 2.64 min Scan# 92

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

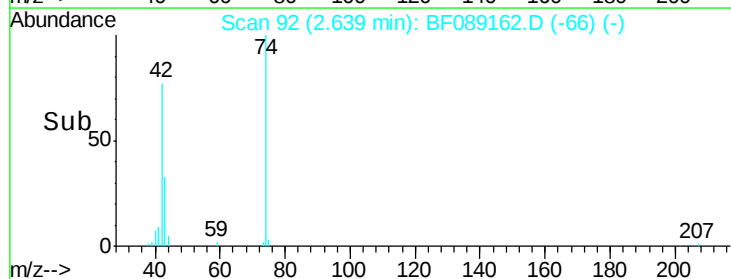
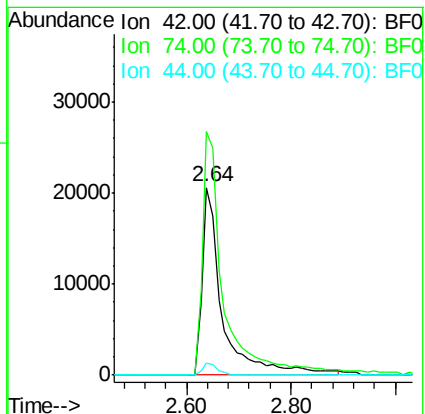
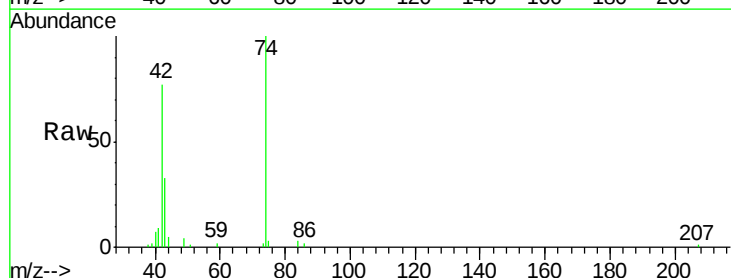
Tgt Ion: 42 Resp: 55627

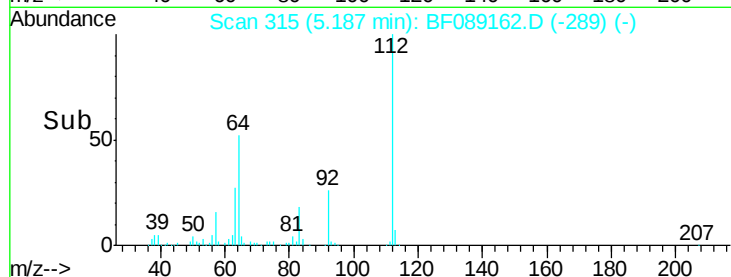
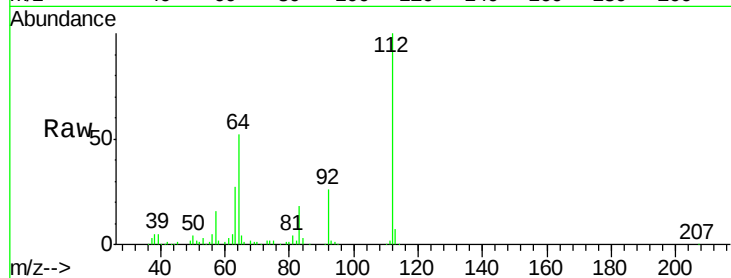
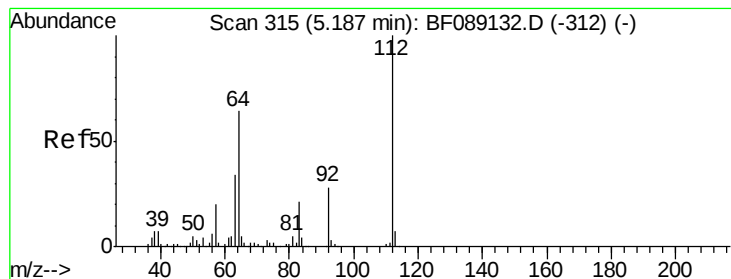
Ion Ratio Lower Upper

42 100

74 129.9 106.4 159.6

44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 78.46 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

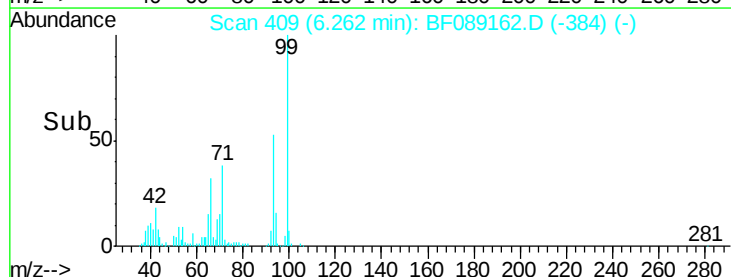
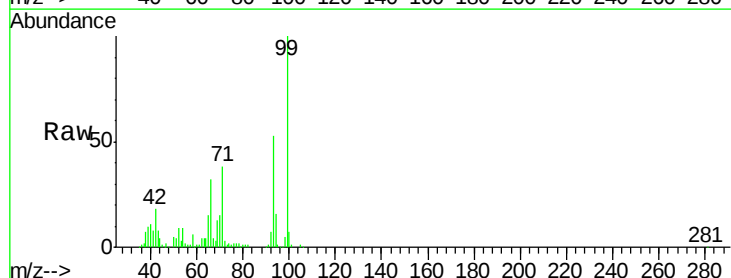
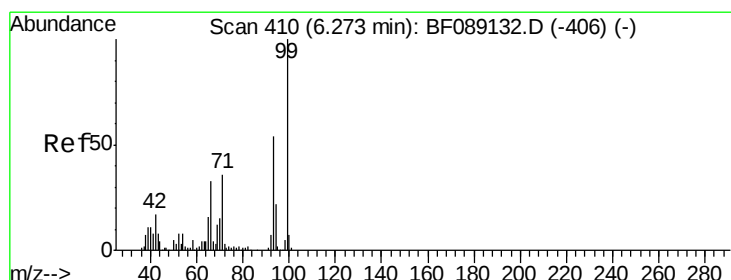
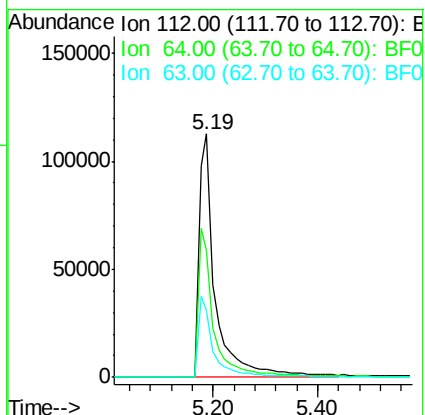
Tgt Ion: 112 Resp: 246505

Ion Ratio Lower Upper

112 100

64 52.3 51.0 76.4

63 27.4 27.3 40.9



#6

Aniline

Concen: 37.00 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

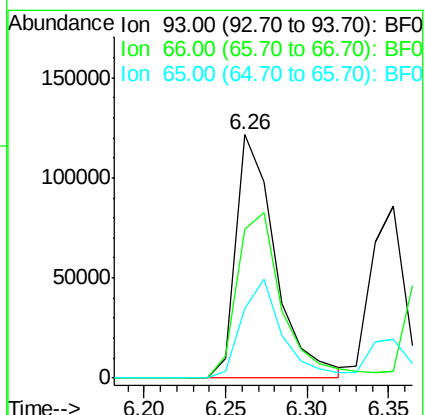
Tgt Ion: 93 Resp: 202528

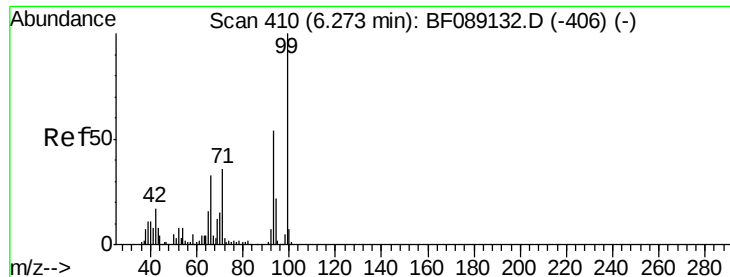
Ion Ratio Lower Upper

93 100

66 61.0 48.9 73.3

65 28.5 23.9 35.9





#7

Phenol-d6

Concen: 77.64 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

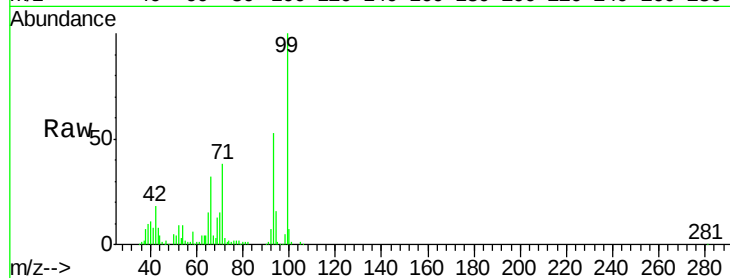
Tgt Ion: 99 Resp: 314545

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

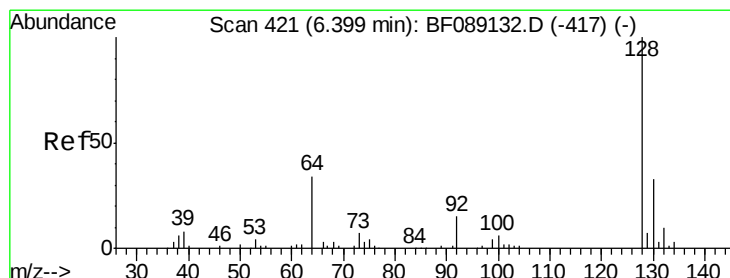
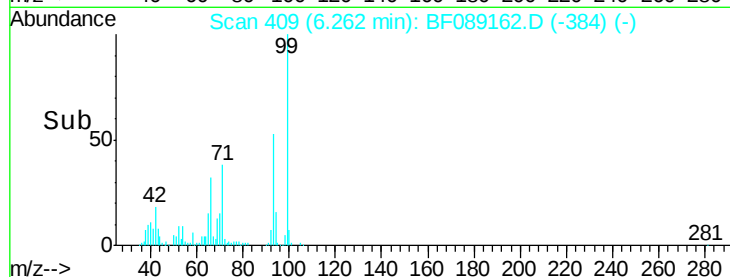
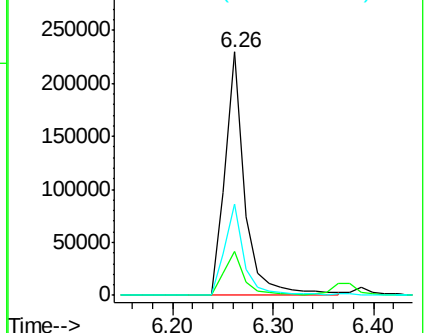
71 37.6 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.38 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

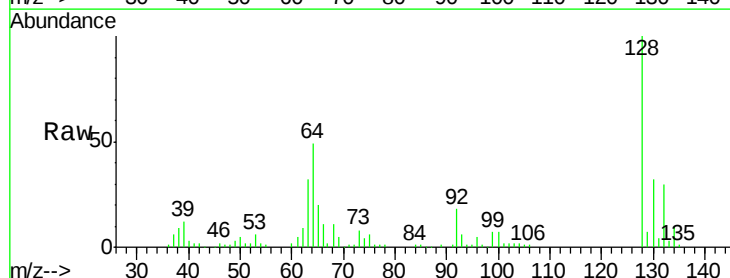
Tgt Ion: 128 Resp: 140773

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

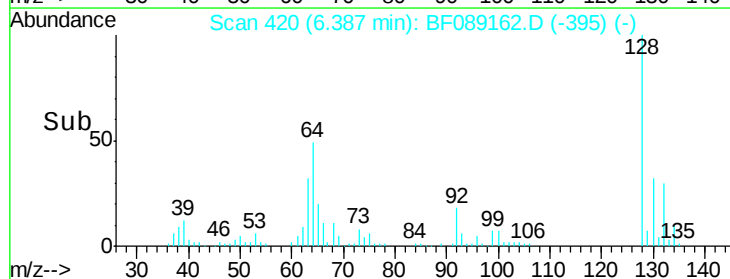
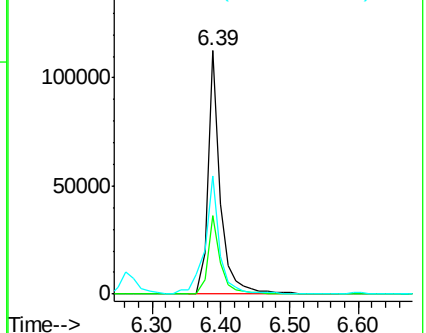
64 48.8 17.5 57.5

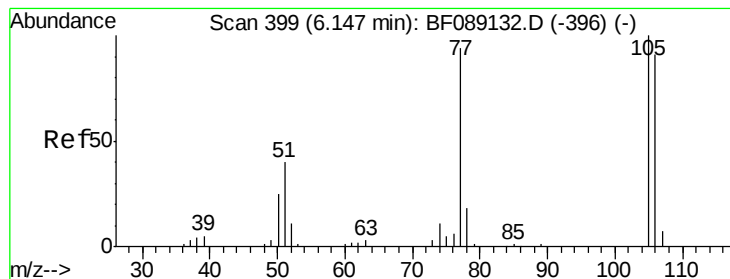


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.81 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

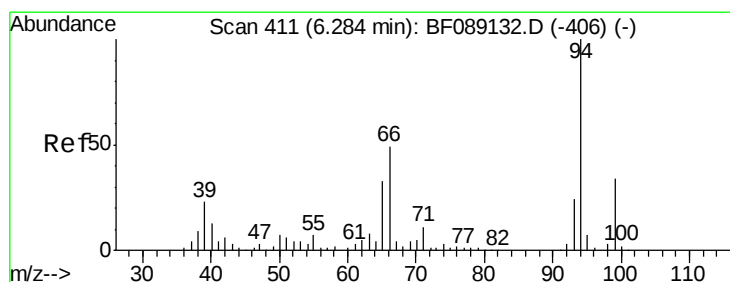
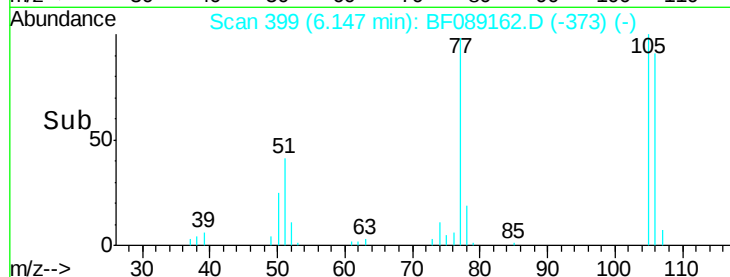
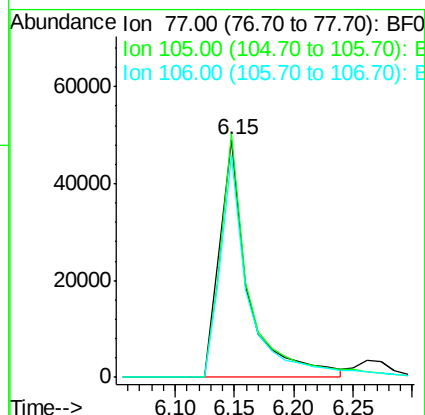
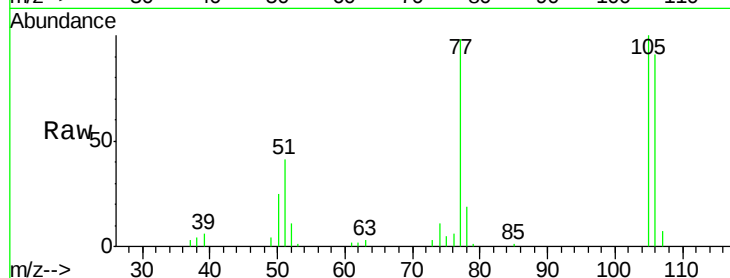
Tgt Ion: 77 Resp: 81722

Ion Ratio Lower Upper

77 100

105 102.4 86.2 126.2

106 93.4 76.3 116.3



#10

Phenol

Concen: 40.20 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

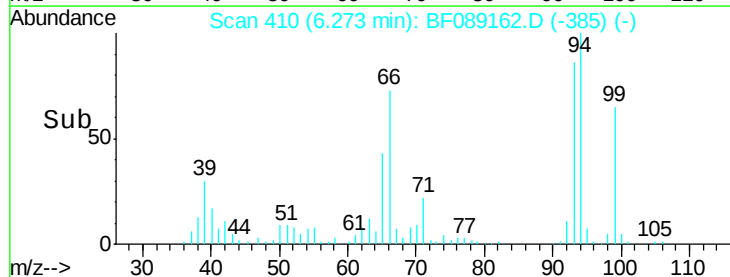
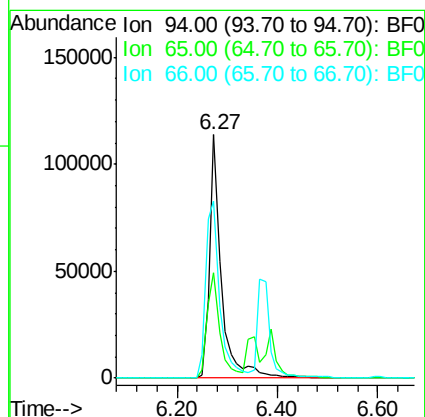
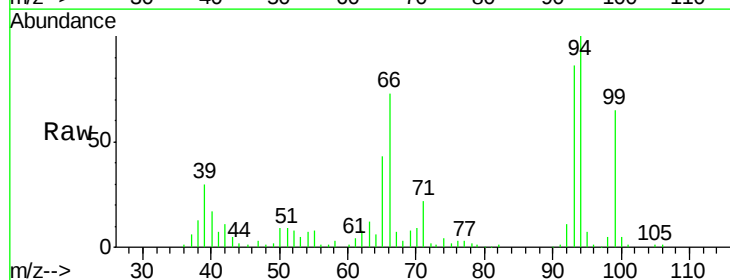
Tgt Ion: 94 Resp: 187628

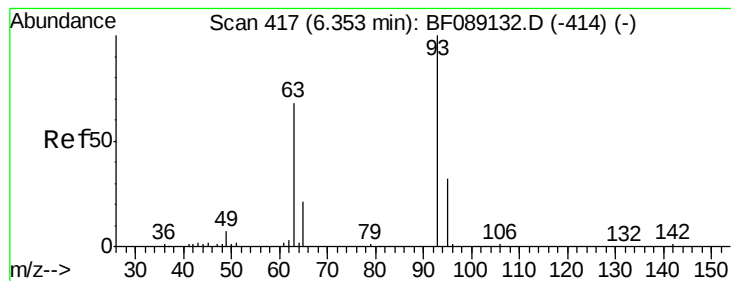
Ion Ratio Lower Upper

94 100

65 43.3 13.3 53.3

66 72.7 29.3 69.3#

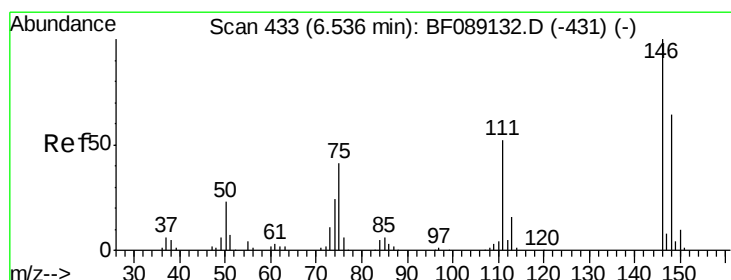
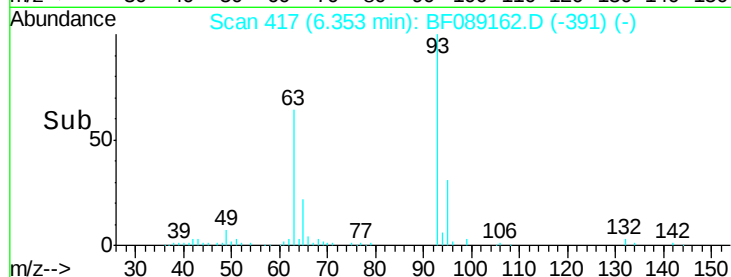
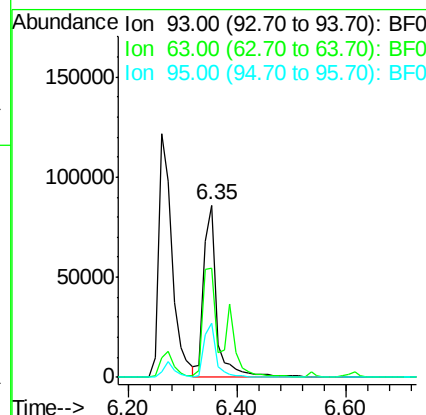
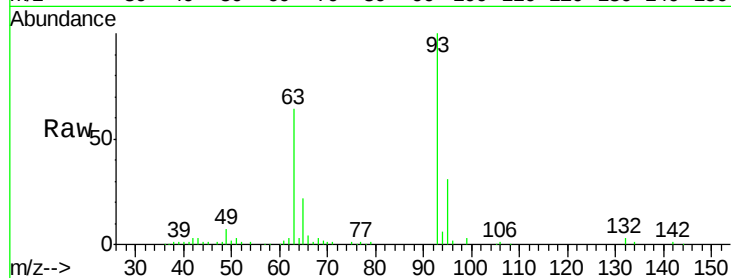




#11
bis(2-Chloroethyl)ether
Concen: 40.95 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

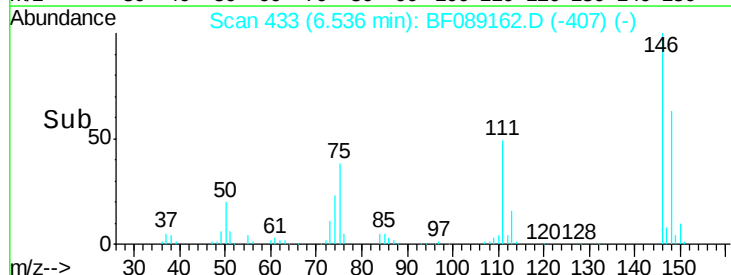
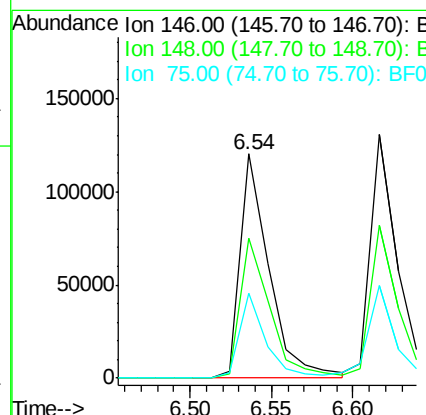
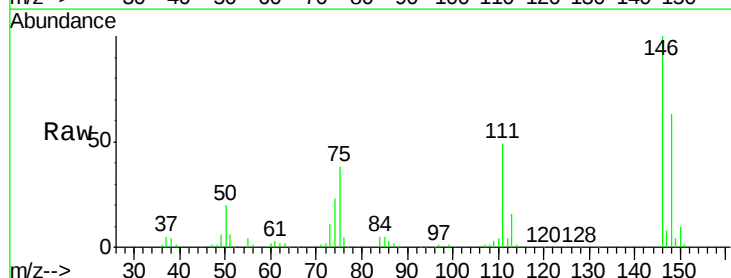
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

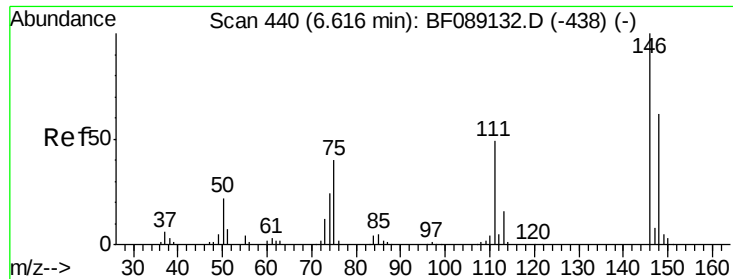
Tgt Ion	Ratio	Lower	Upper
93	100		
63	63.7	47.3	87.3
95	31.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.30 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.6
75	38.0	32.5	48.7

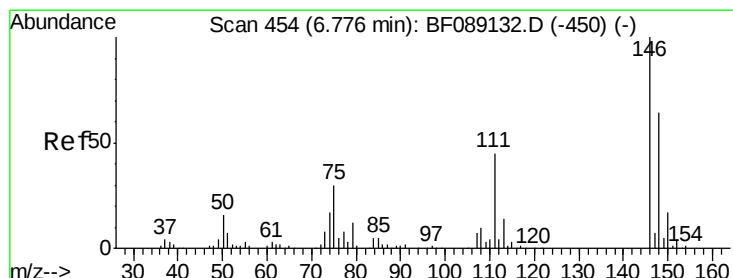
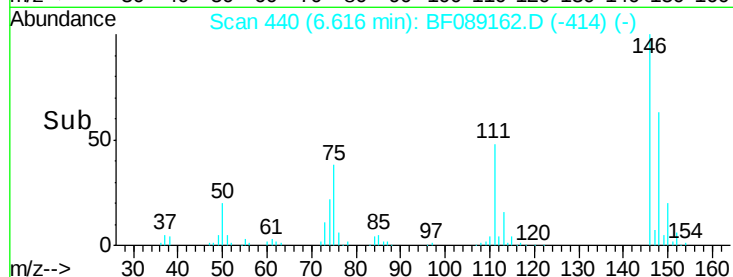
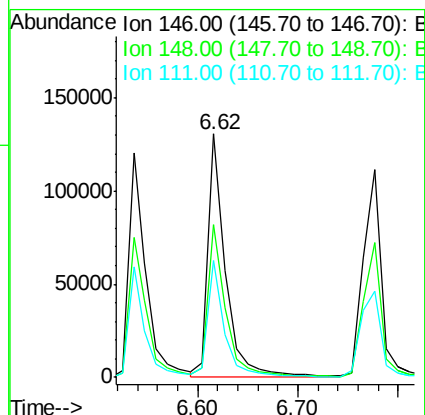
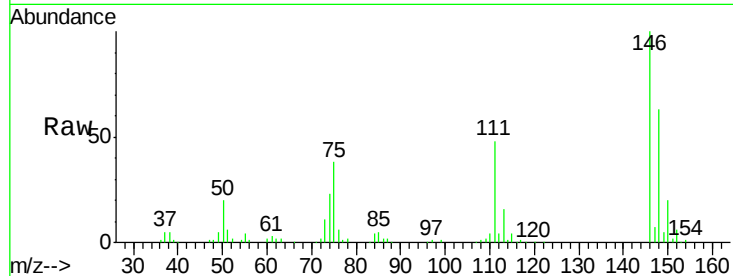




#13
 1,4-Dichlorobenzene
 Concen: 40.71 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

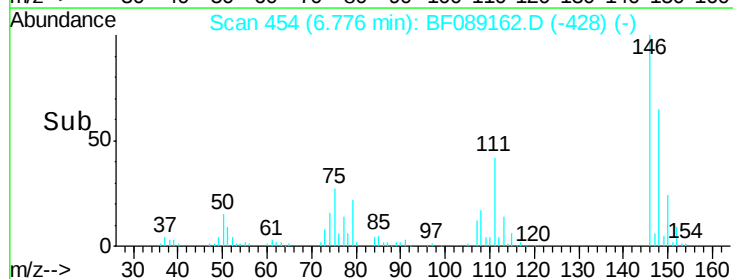
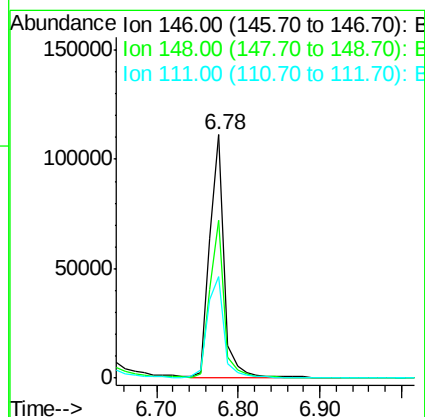
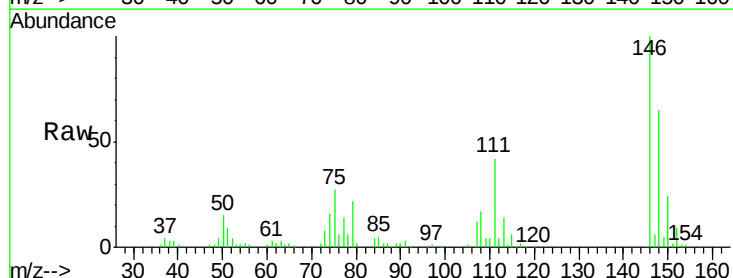
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

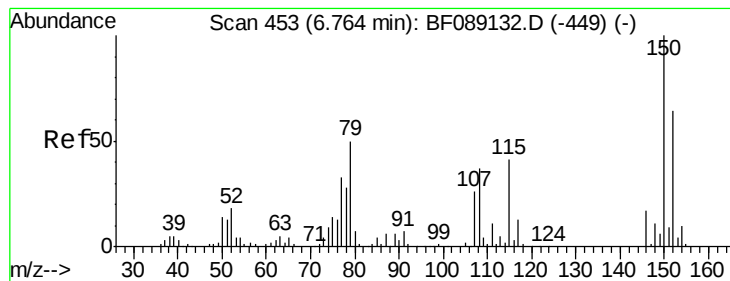
Tgt Ion:146 Resp: 157857
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.9 74.9
 111 47.9 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 38.86 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:146 Resp: 142061
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 41.5 35.9 53.9





#15

Benzyl Alcohol

Concen: 37.32 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

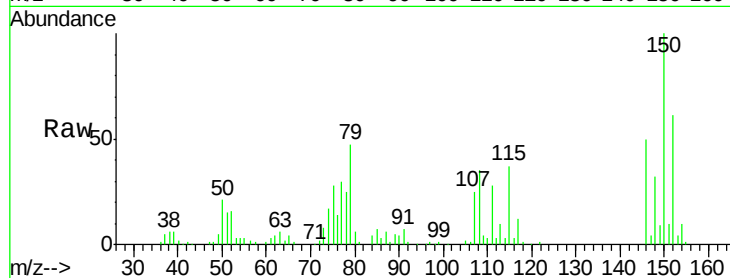
Tgt Ion: 79 Resp: 110738

Ion Ratio Lower Upper

79 100

108 75.1 58.2 87.4

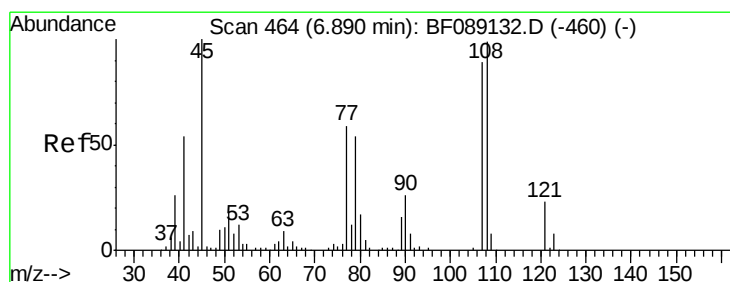
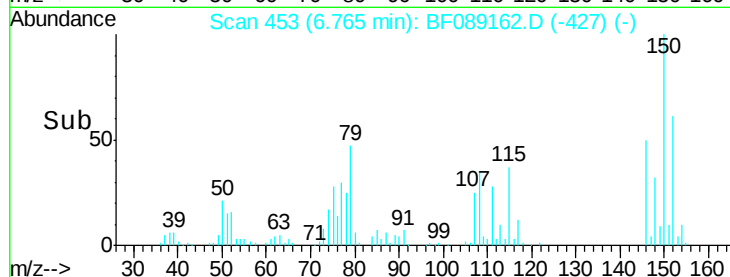
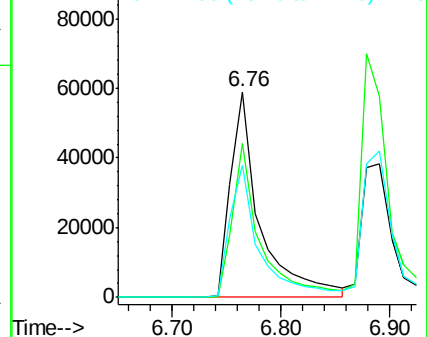
77 64.6 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.17 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

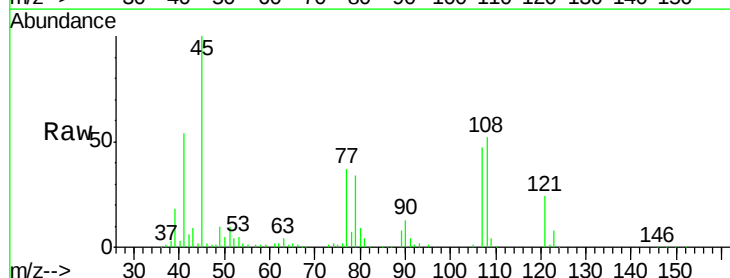
Tgt Ion: 45 Resp: 152446

Ion Ratio Lower Upper

45 100

77 37.4 39.7 79.7#

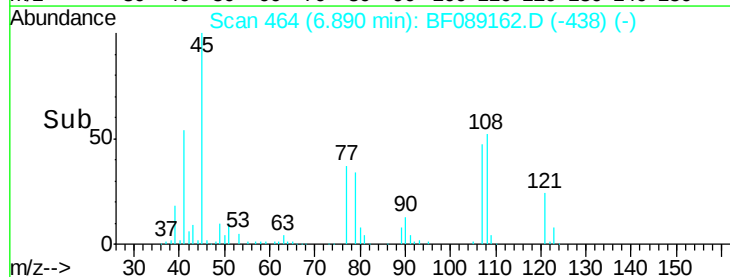
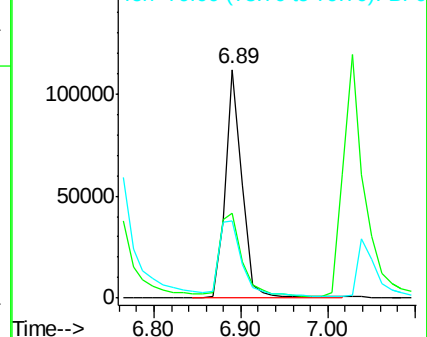
79 34.1 34.7 74.7#

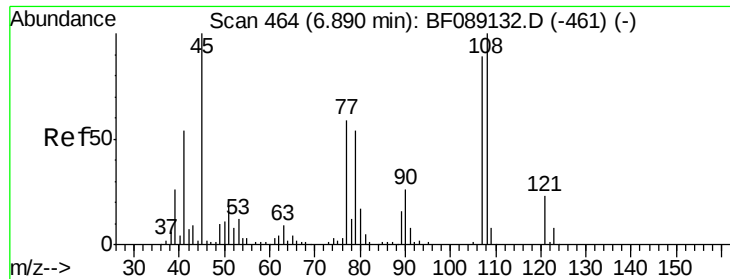


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

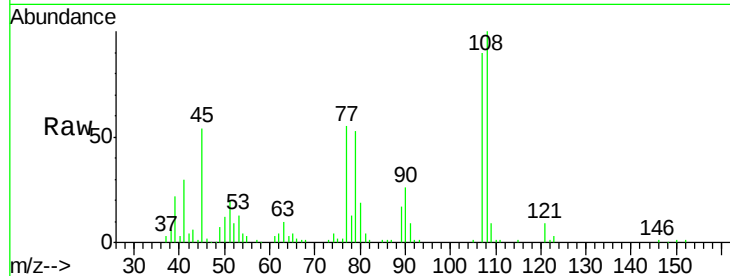




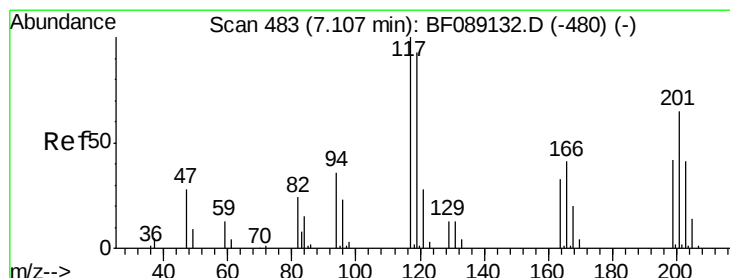
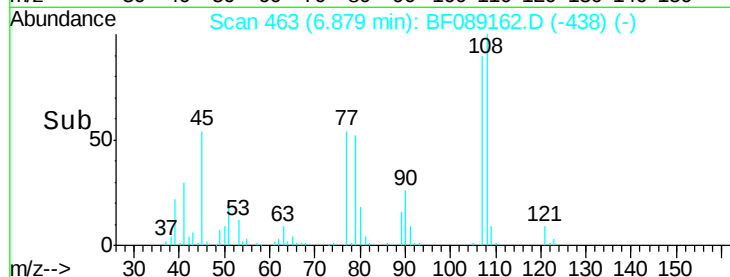
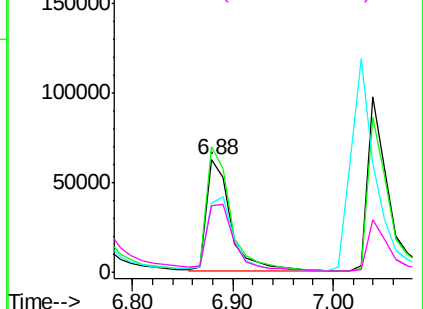
#17
2-Methylphenol
Concen: 37.96 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 104239
Ion Ratio Lower Upper
107 100
108 111.2 89.4 134.2
77 61.3 53.4 80.0
79 59.4 49.0 73.4

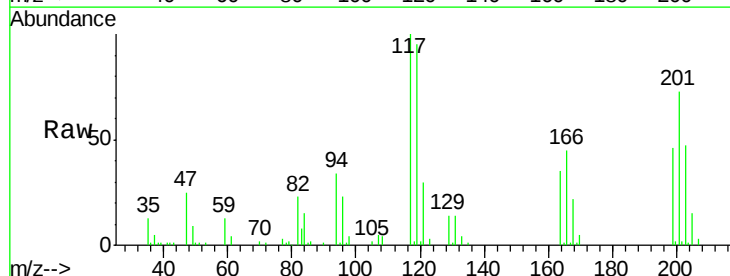


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

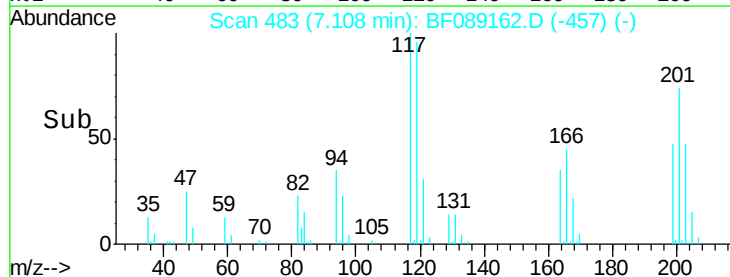
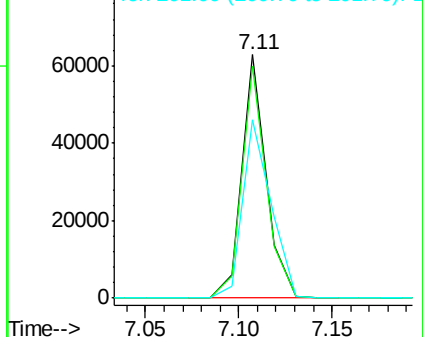


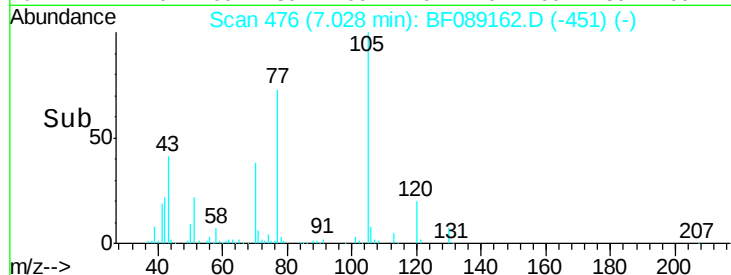
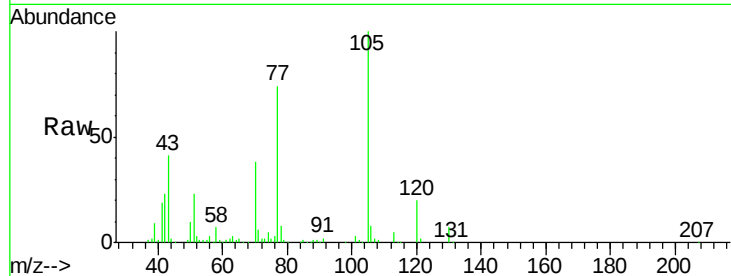
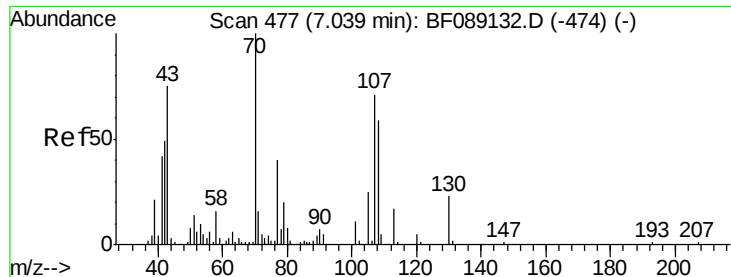
#18
Hexachloroethane
Concen: 39.20 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion:117 Resp: 57133
Ion Ratio Lower Upper
117 100
119 95.1 74.5 111.7
201 73.3 51.8 77.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

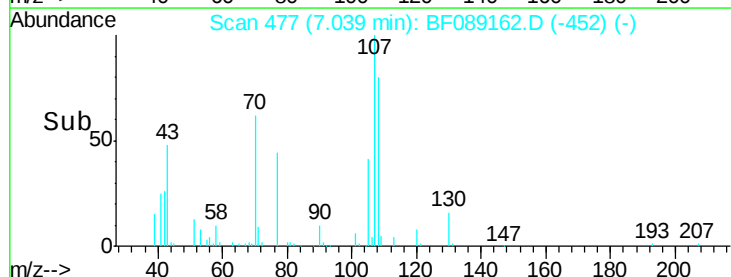
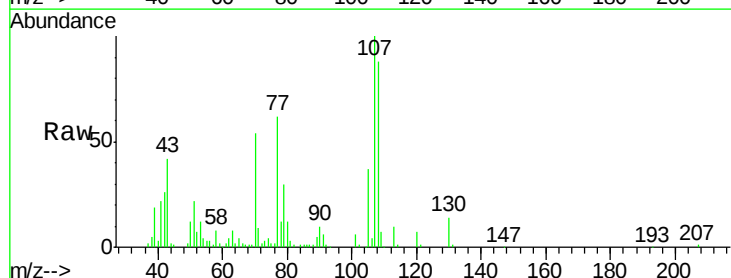
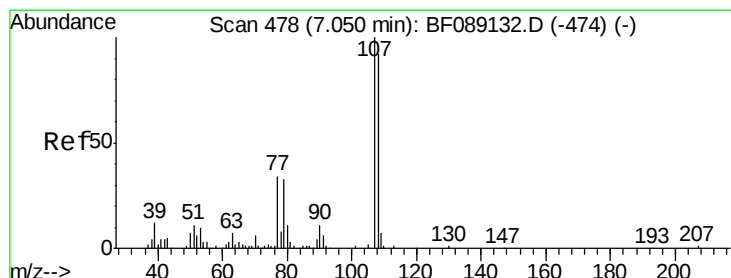
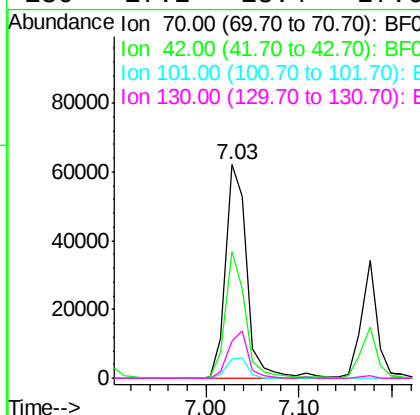




#19
n-Nitroso-di-n-propylamine
Concen: 37.64 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

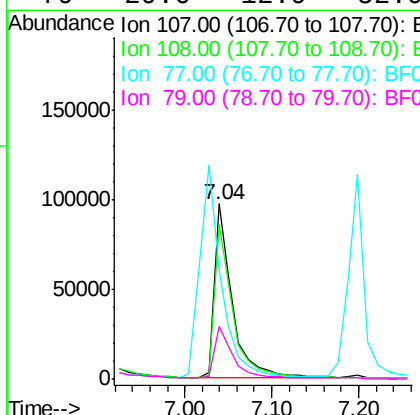
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

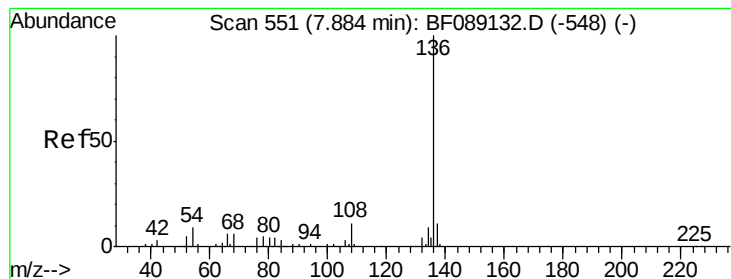
Tgt Ion: 70 Resp: 99758
Ion Ratio Lower Upper
70 100
42 59.1 39.2 58.8#
101 9.0 8.5 12.7
130 17.2 18.4 27.6#



#20
3+4-Methylphenols
Concen: 38.20 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion: 107 Resp: 142422
Ion Ratio Lower Upper
107 100
108 88.3 72.5 112.5
77 61.8 17.7 57.7#
79 29.6 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 204077

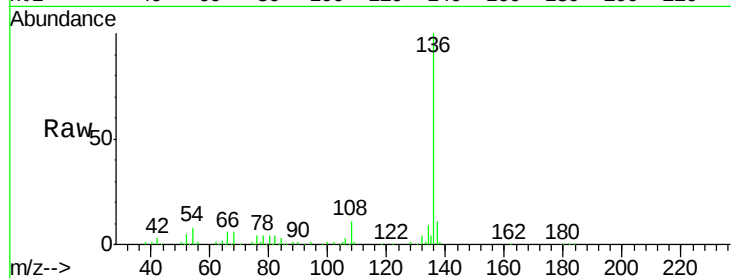
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 7.0 10.4

68 6.1 5.0 7.6

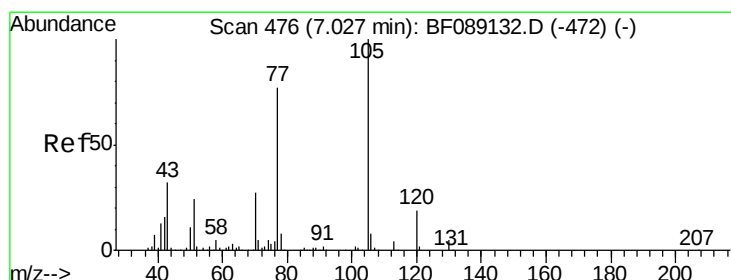
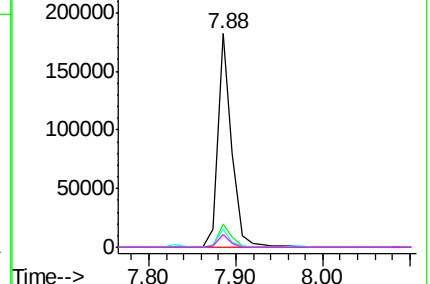
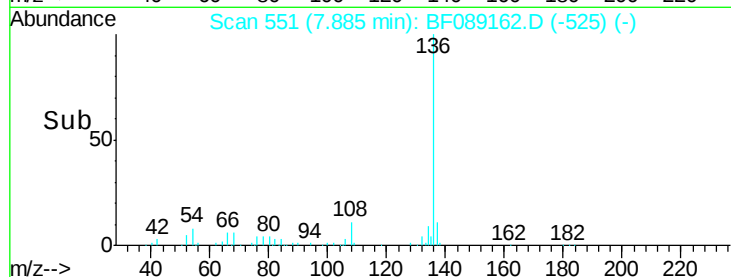


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.40 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Tgt Ion:105 Resp: 209249

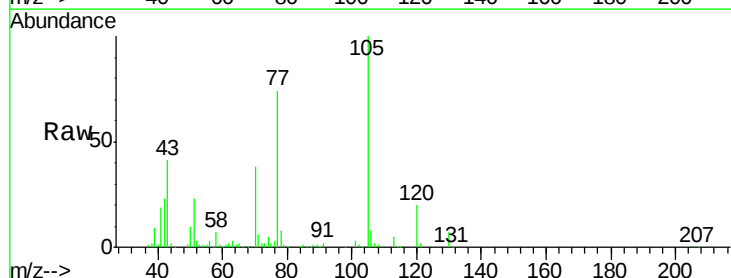
Ion Ratio Lower Upper

105 100

71 6.5 3.8 5.6#

51 22.6 19.6 29.4

120 20.0 15.5 23.3

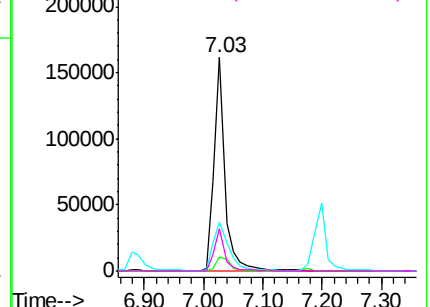
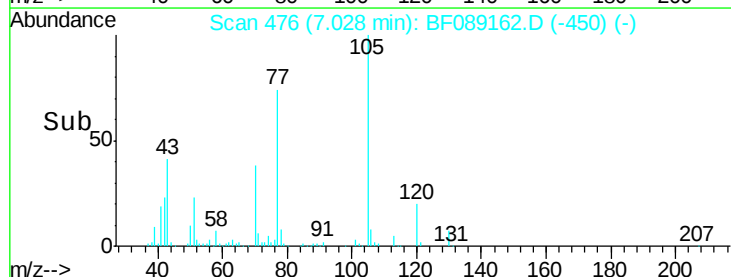


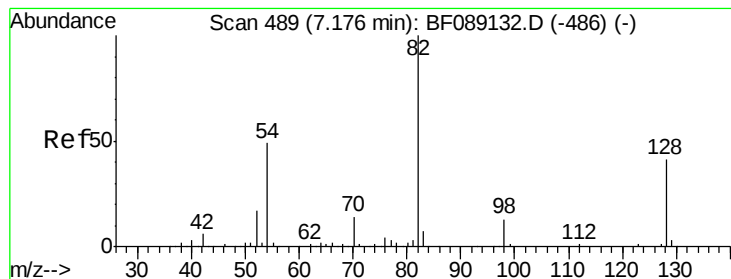
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.34 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

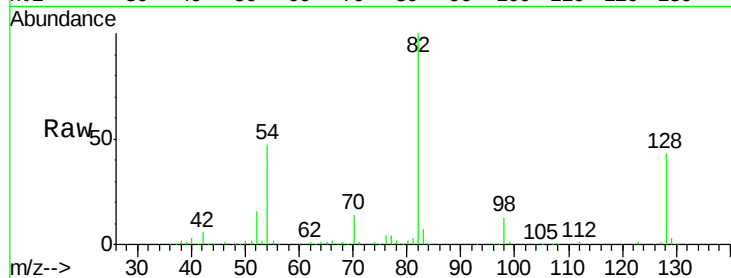
Tgt Ion: 82 Resp: 297062

Ion Ratio Lower Upper

82 100

128 42.6 33.0 49.6

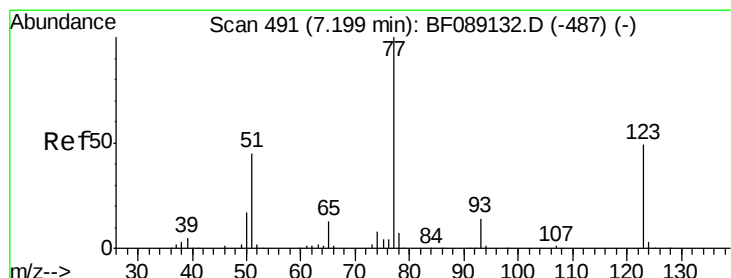
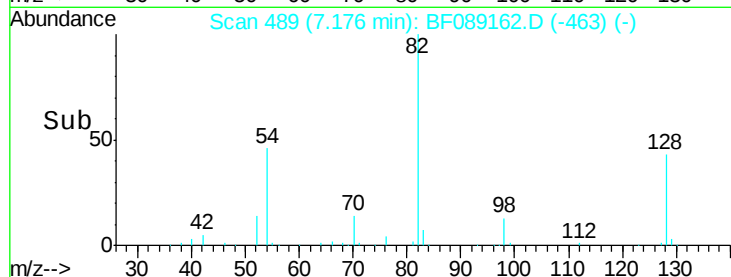
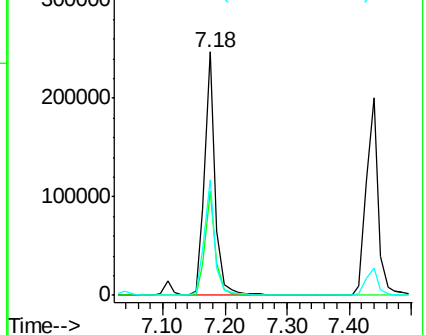
54 47.4 39.0 58.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.34 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

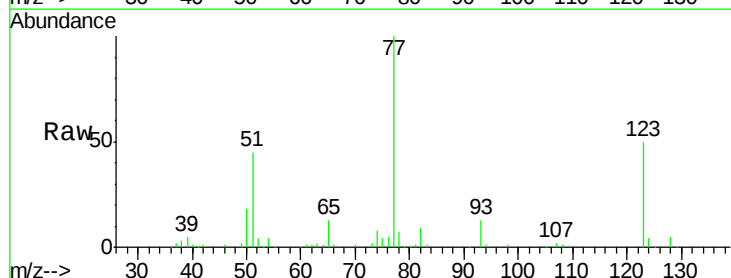
Tgt Ion: 77 Resp: 155291

Ion Ratio Lower Upper

77 100

123 49.9 38.9 58.3

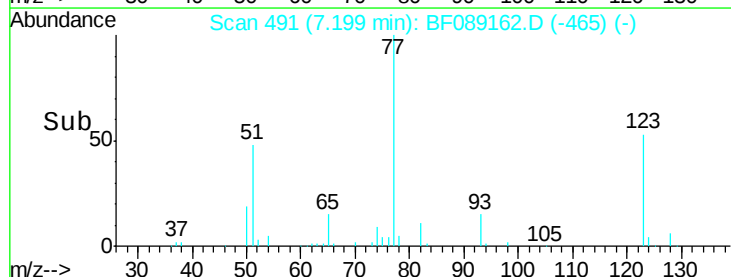
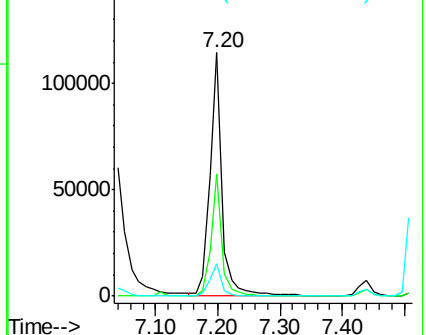
65 13.3 10.6 15.8

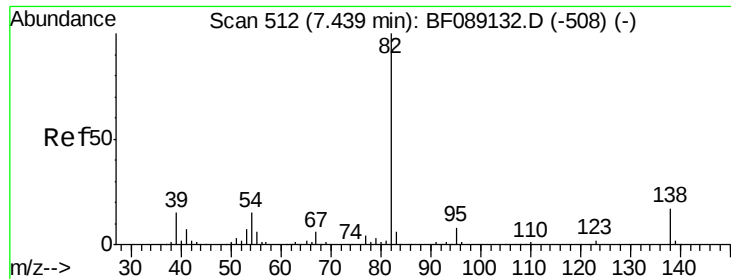


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.90 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

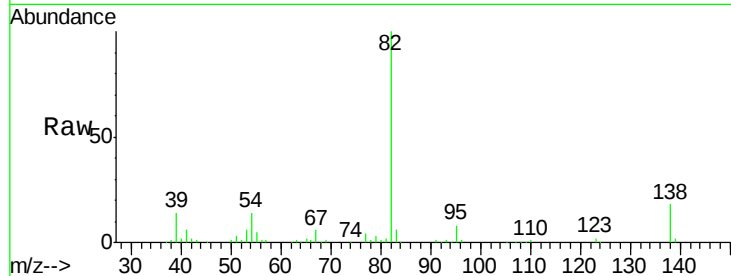
Tgt Ion: 82 Resp: 268292

Ion Ratio Lower Upper

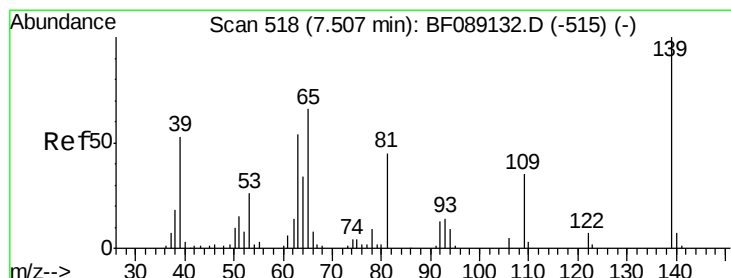
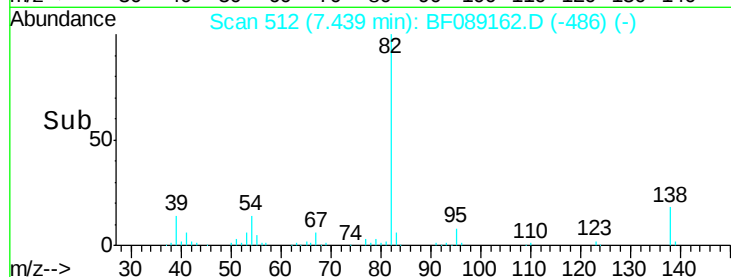
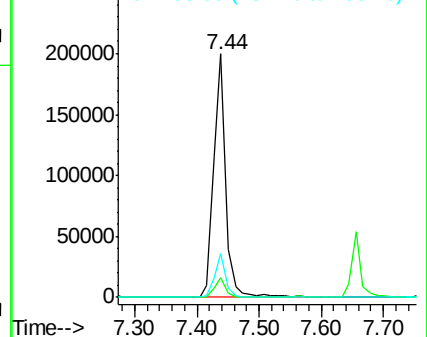
82 100

95 7.9 6.1 9.1

138 18.0 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.96 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

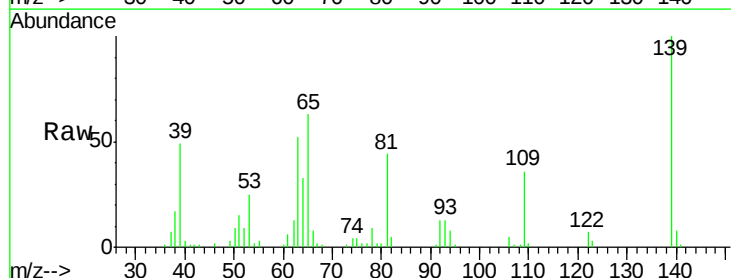
Tgt Ion: 139 Resp: 71719

Ion Ratio Lower Upper

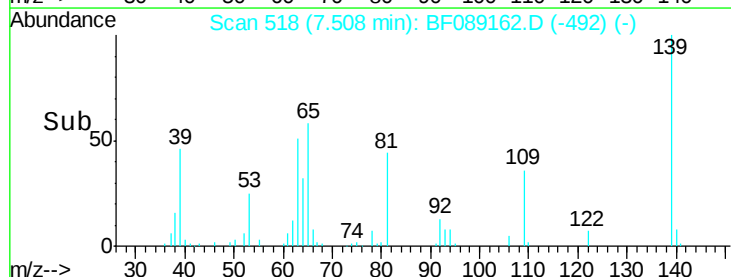
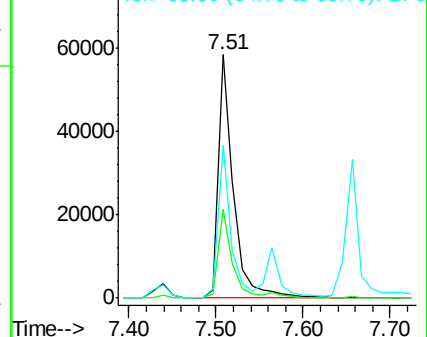
139 100

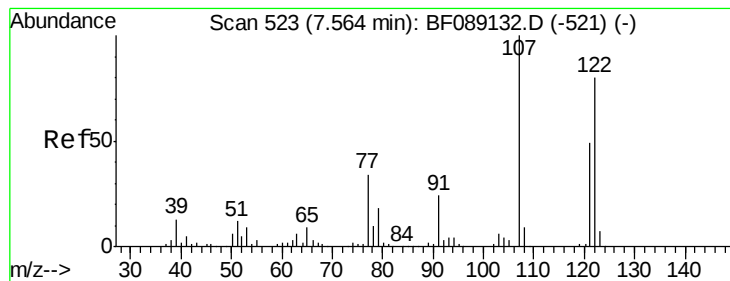
109 36.5 28.1 42.1

65 62.7 52.7 79.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.89 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

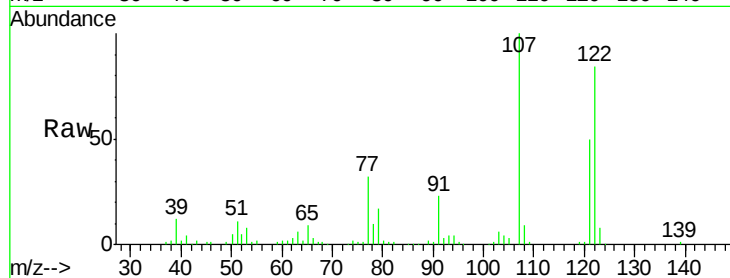
Tgt Ion:122 Resp: 120617

Ion Ratio Lower Upper

122 100

107 119.1 99.7 149.5

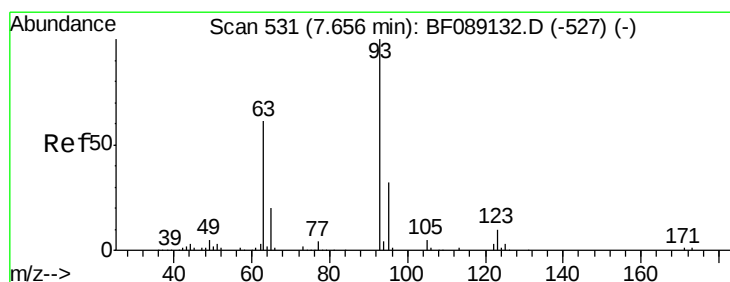
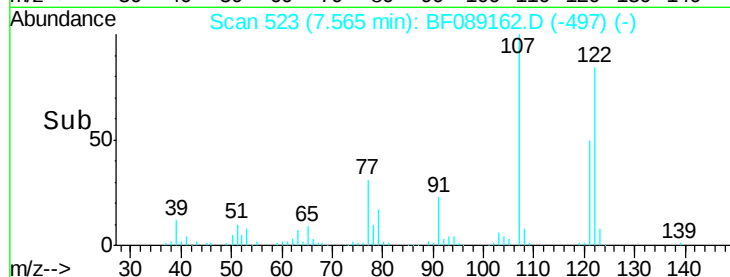
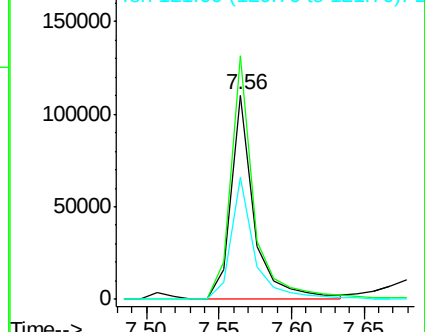
121 59.7 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.13 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

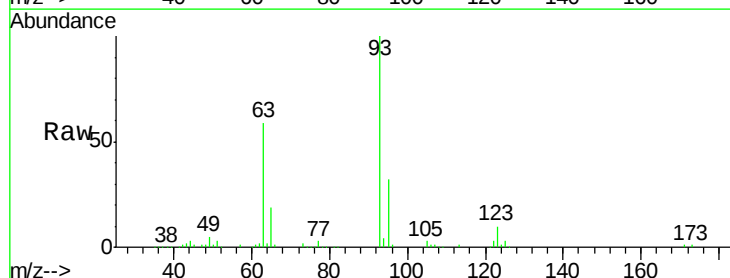
Tgt Ion: 93 Resp: 177678

Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.0

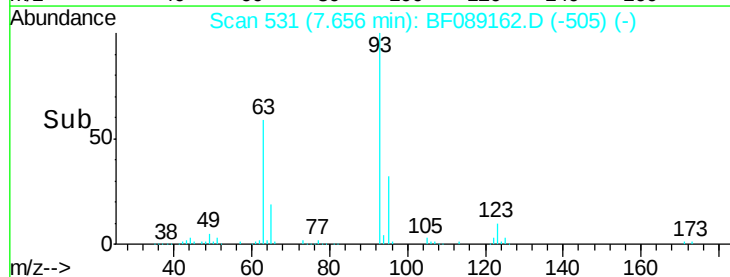
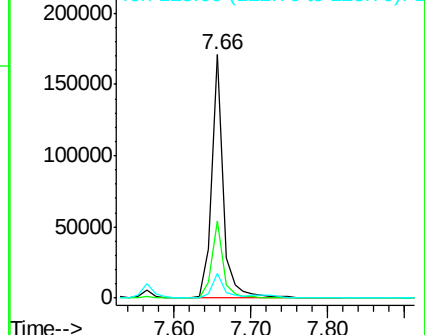
123 10.2 8.3 12.5

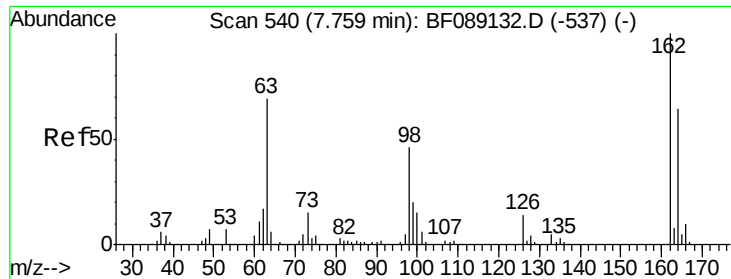


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

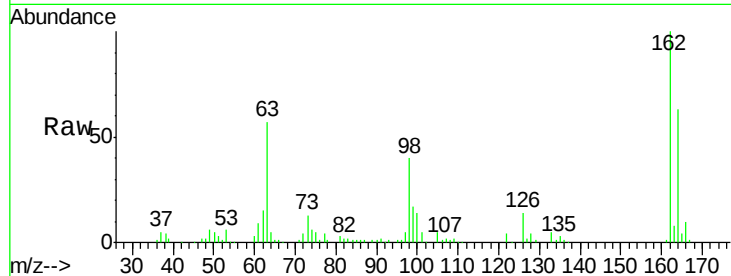




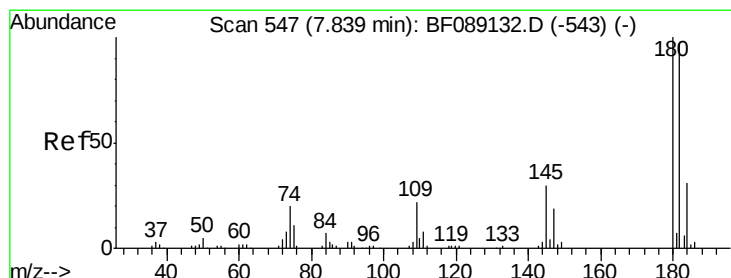
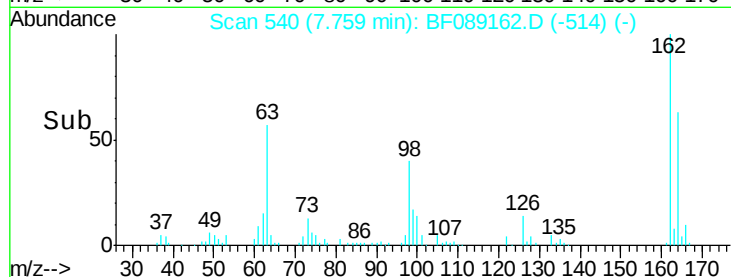
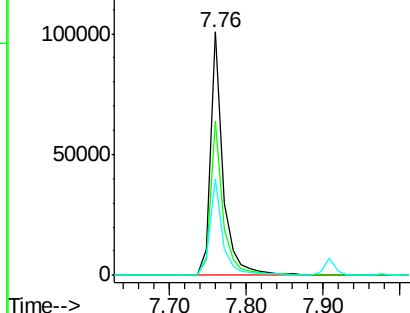
#29
 2,4-Dichlorophenol
 Concen: 39.53 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.0	84.0
98	39.8	26.0	66.0

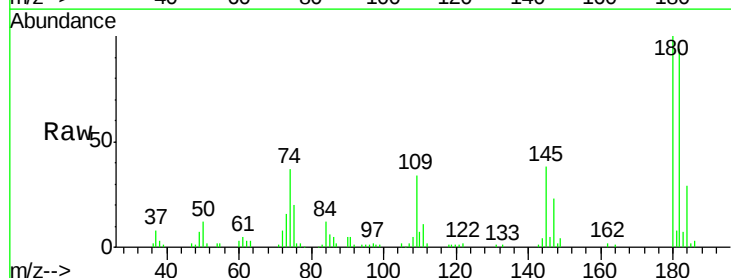


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

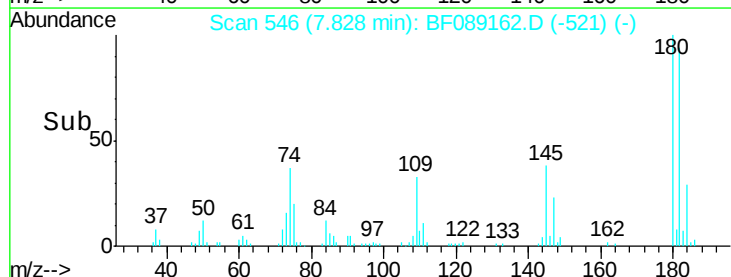
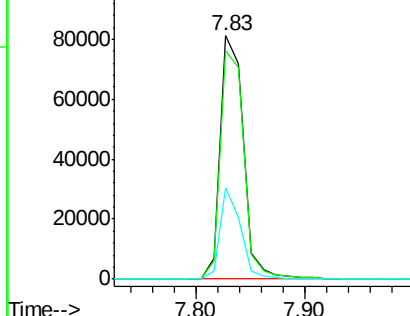


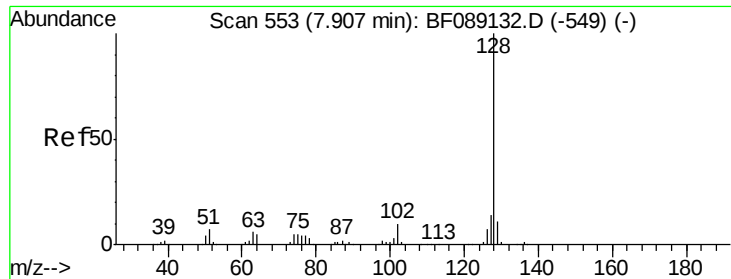
#30
 1,2,4-Trichlorobenzene
 Concen: 37.92 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.6	116.4
145	37.6	24.0	36.0#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

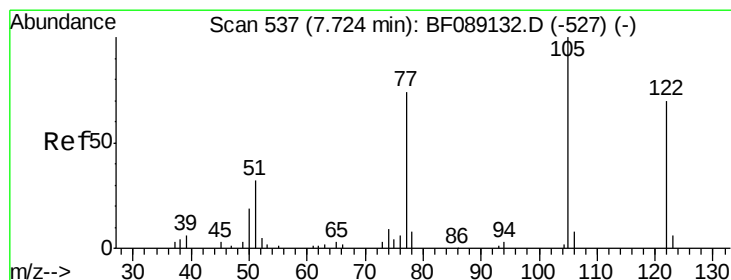
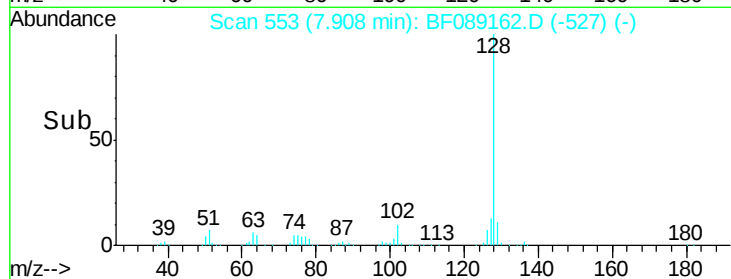
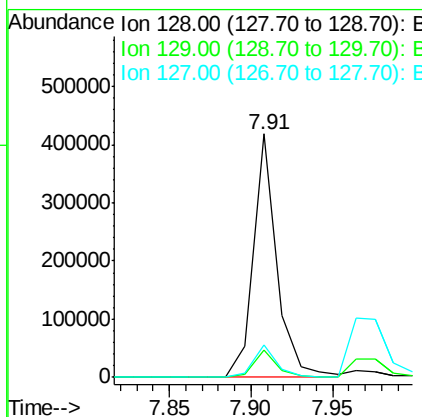
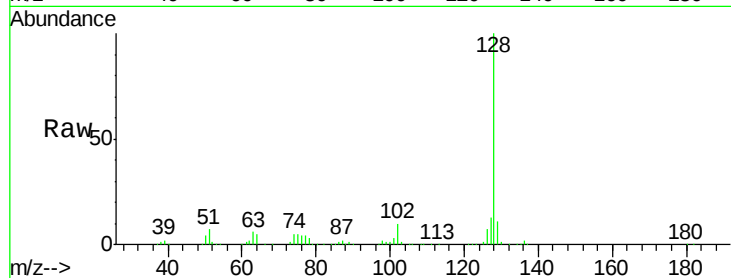




#31
Naphthalene
Concen: 38.12 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

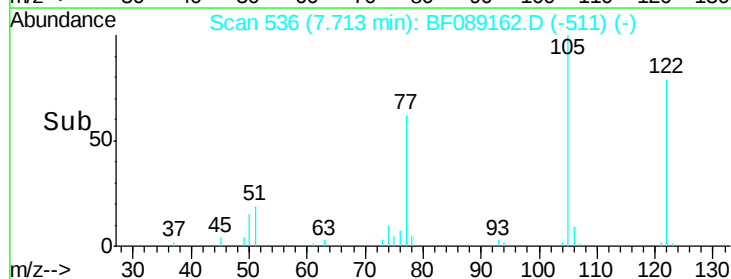
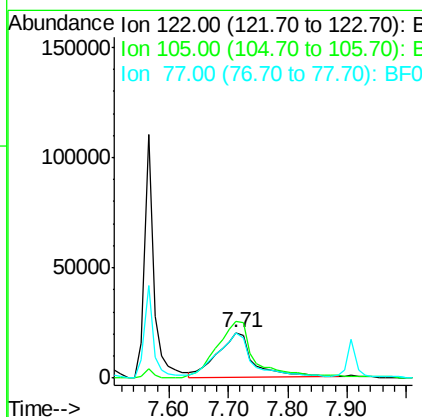
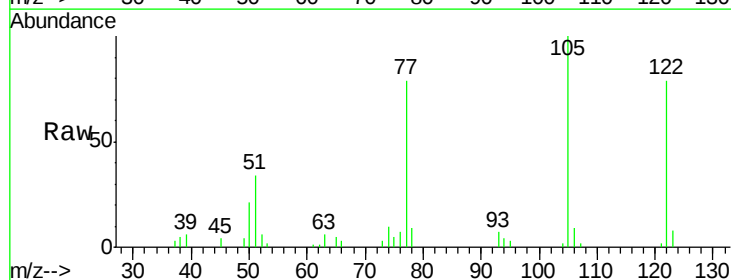
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

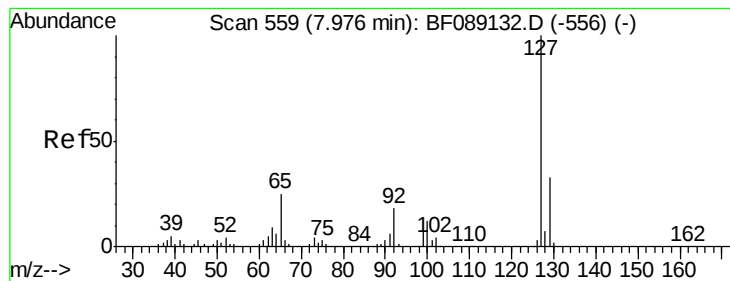
Tgt Ion:128 Resp: 419876
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 33.74 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion:122 Resp: 82586
Ion Ratio Lower Upper
122 100
105 126.4 119.0 159.0
77 99.7 84.7 124.7





#33

4-Chloroaniline

Concen: 38.06 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 176268

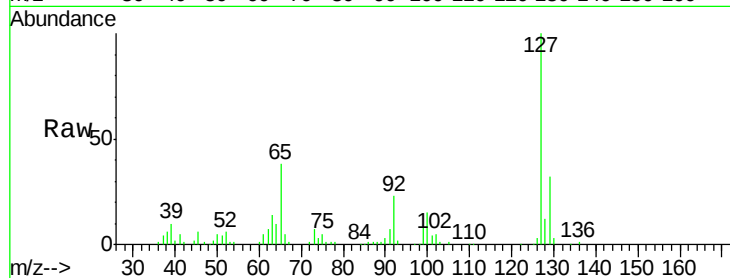
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 38.0 19.7 29.5#

92 23.1 14.3 21.5#

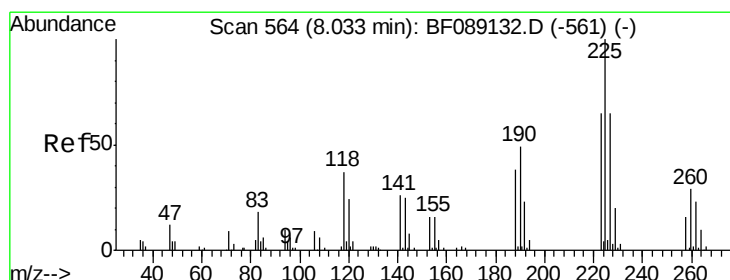
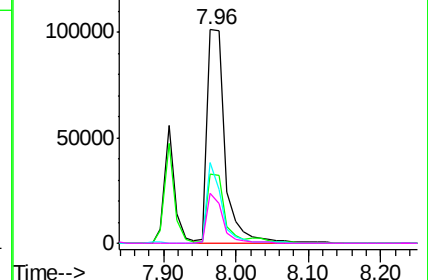
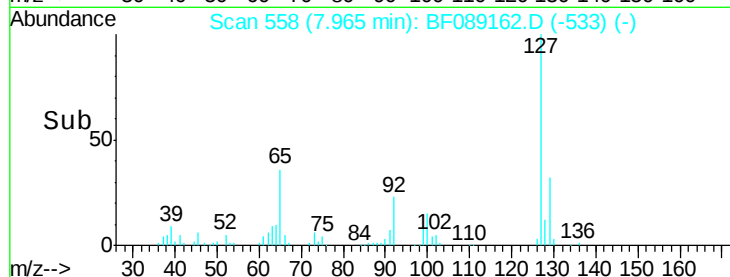


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.23 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

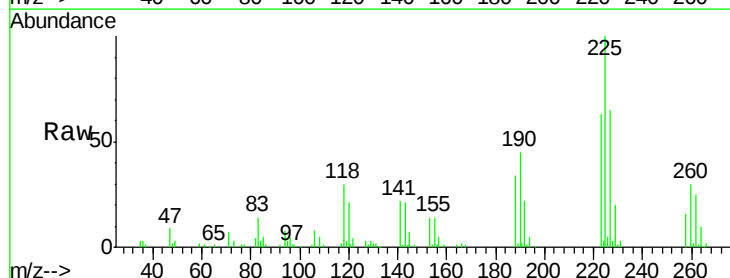
Tgt Ion:225 Resp: 69327

Ion Ratio Lower Upper

225 100

223 63.2 51.6 77.4

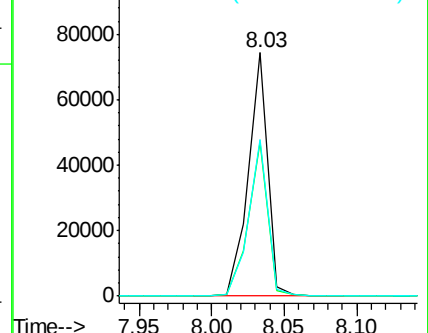
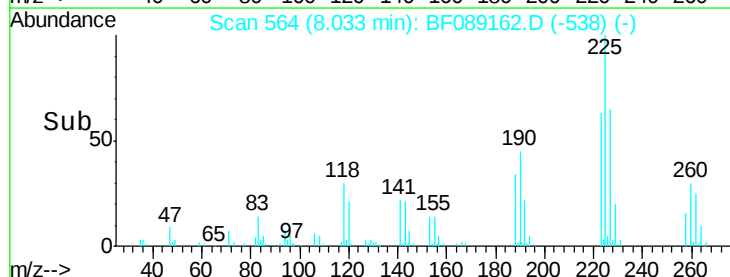
227 64.6 51.6 77.4

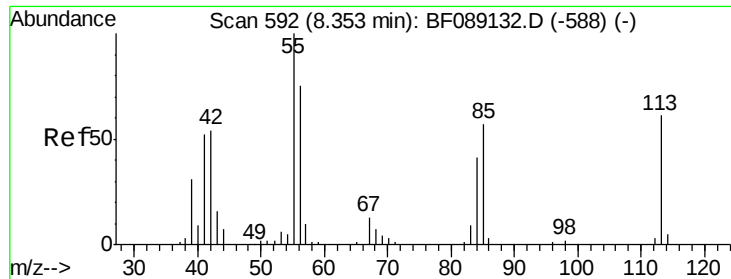


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

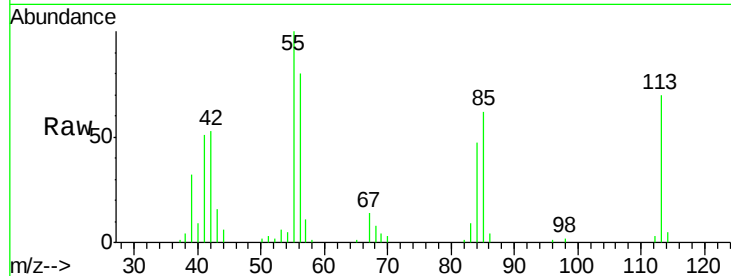




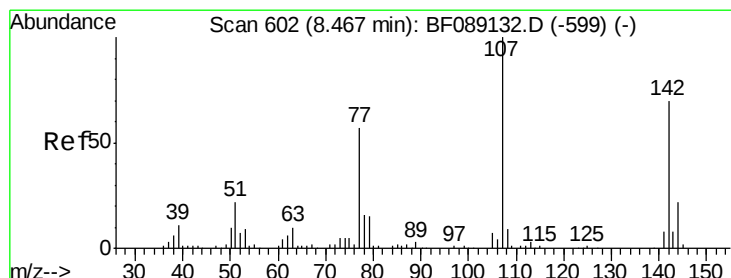
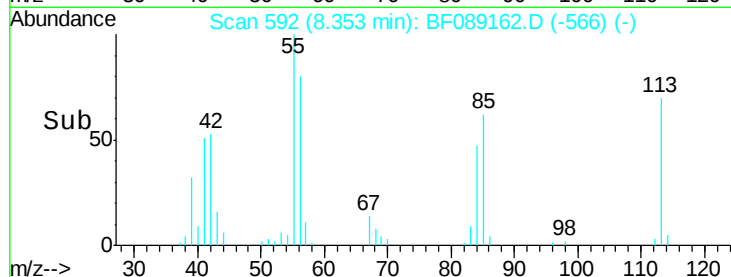
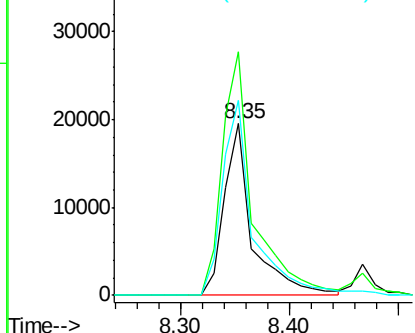
#35
 Caprolactam
 Concen: 39.13 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 34857
 Ion Ratio Lower Upper
 113 100
 55 142.1 145.3 185.3#
 56 113.7 104.3 144.3

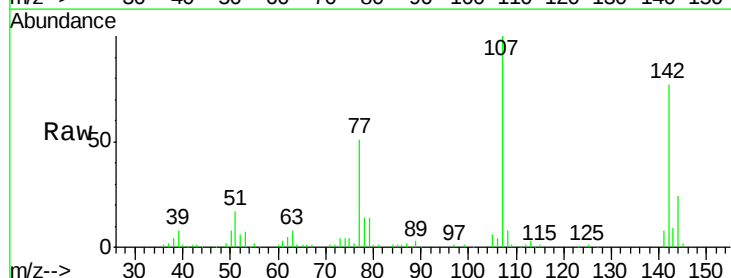


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

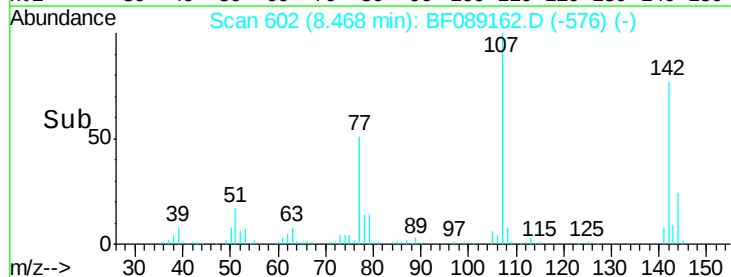
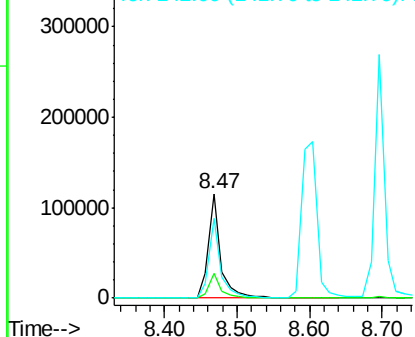


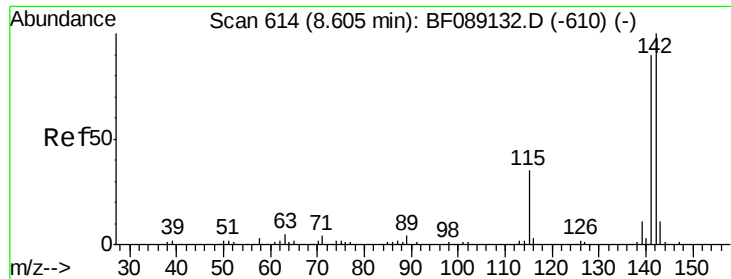
#36
 4-Chloro-3-methylphenol
 Concen: 39.61 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:107 Resp: 136895
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.8 26.6
 142 76.7 56.1 84.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

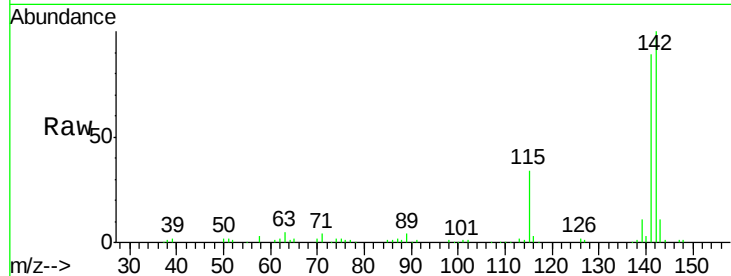




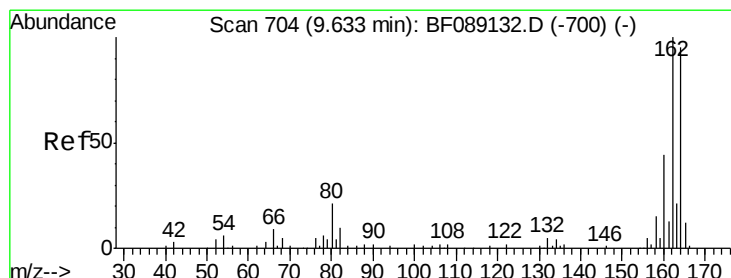
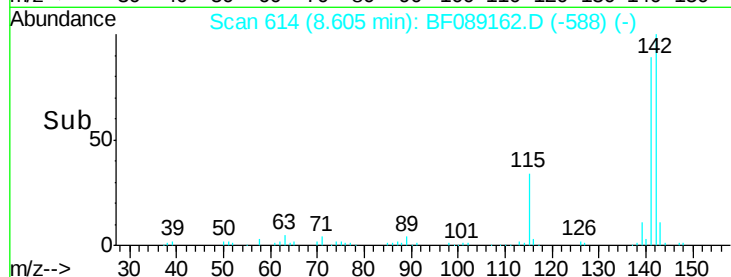
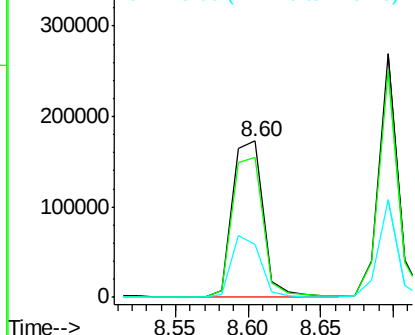
#37
 2-Methylnaphthalene
 Concen: 36.68 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 257687
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.6 107.4
 115 33.7 27.6 41.4

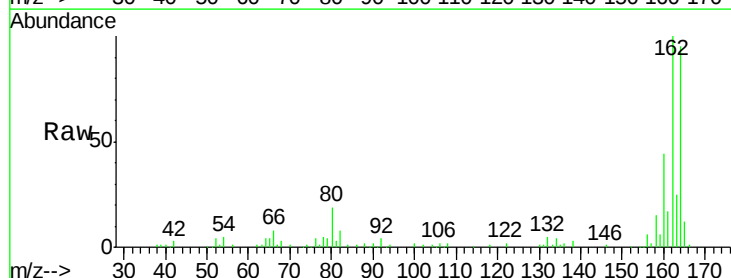


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

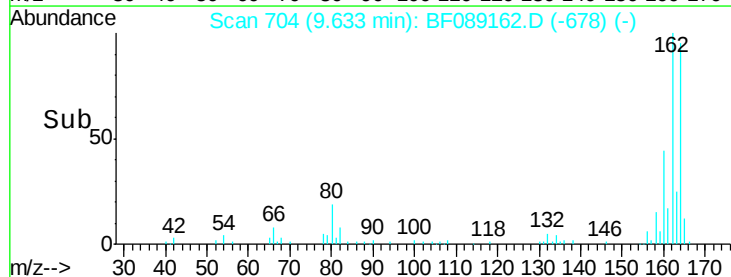
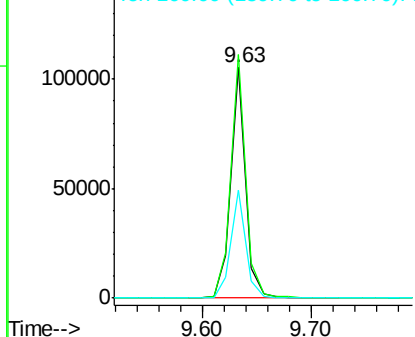


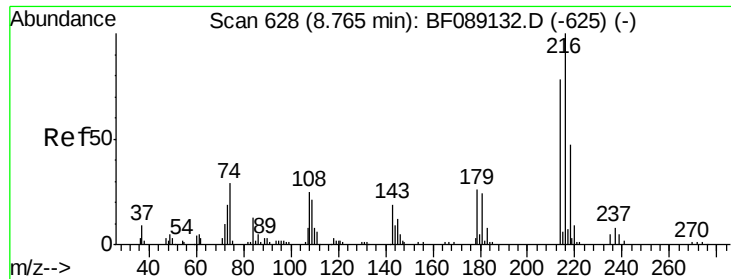
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:164 Resp: 98145
 Ion Ratio Lower Upper
 164 100
 162 105.7 84.1 126.1
 160 46.7 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

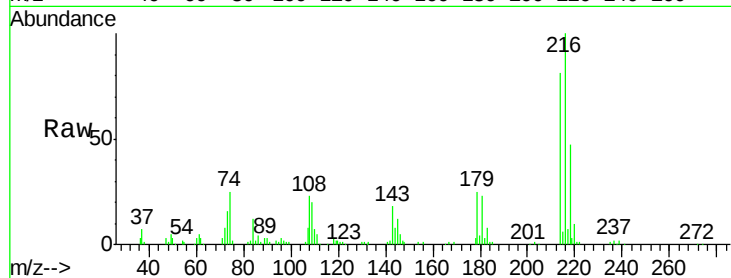




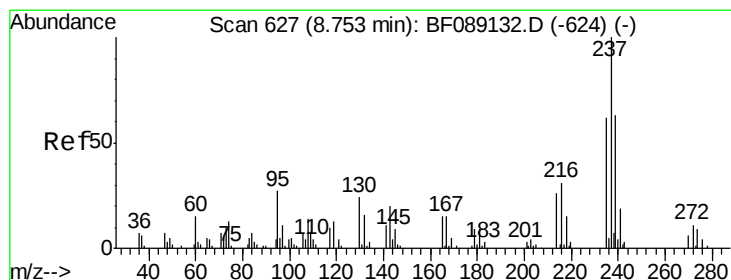
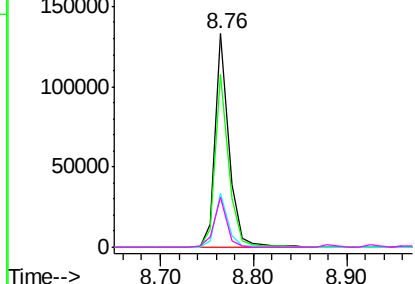
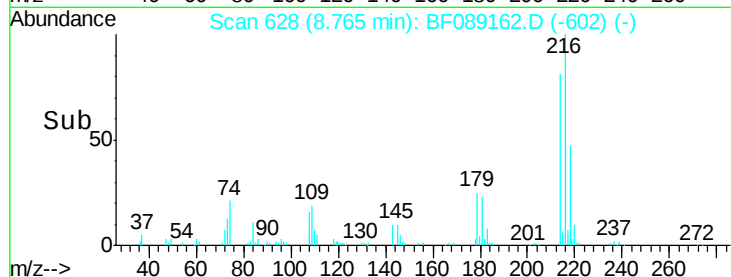
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.18 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	135627
Ion	Ratio	Lower	Upper
216	100		
214	79.0	61.9	92.9
179	23.5	18.4	27.6
108	22.1	17.0	25.6

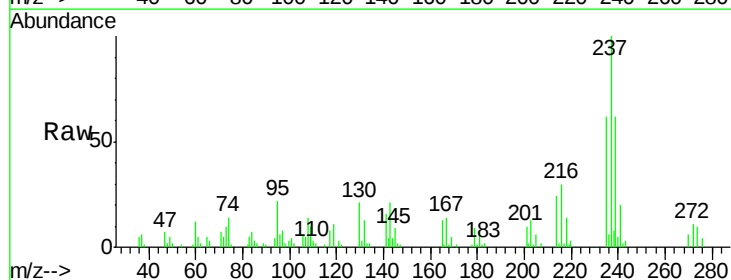


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

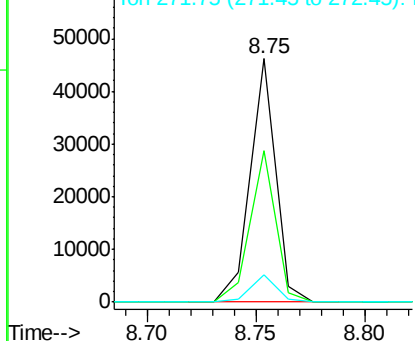
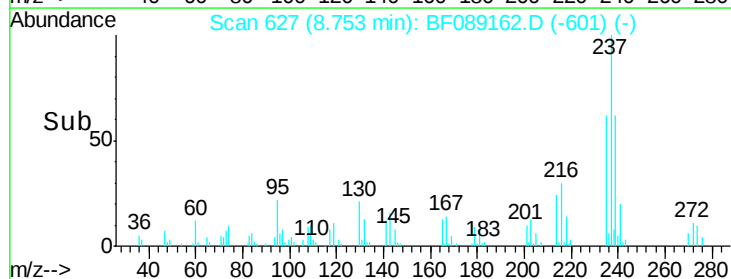


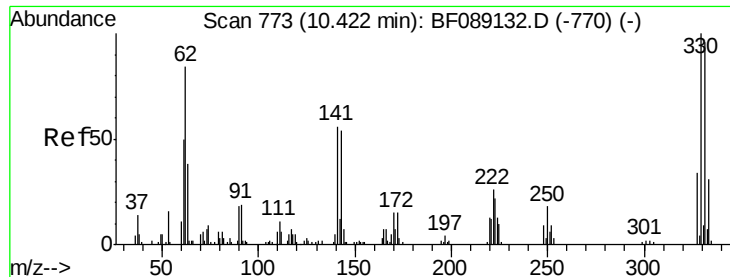
#40
 Hexachlorocyclopentadiene
 Concen: 35.99 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:	237	Resp:	37605
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.1	82.1
272	11.4	0.0	31.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

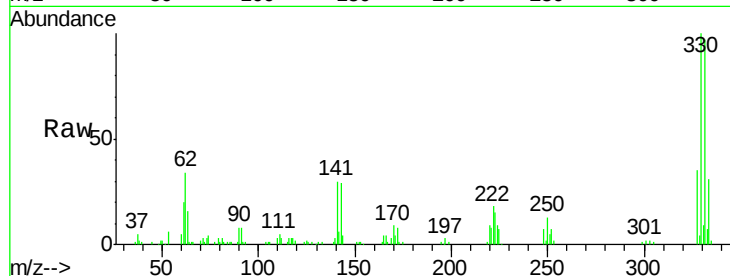




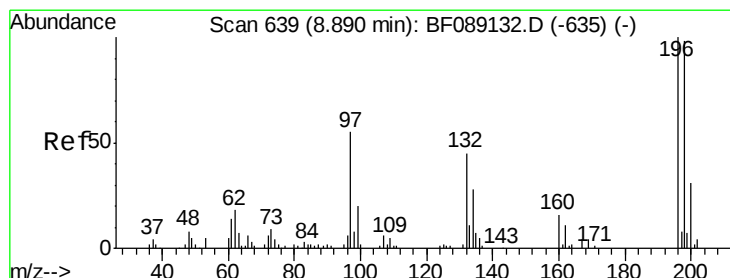
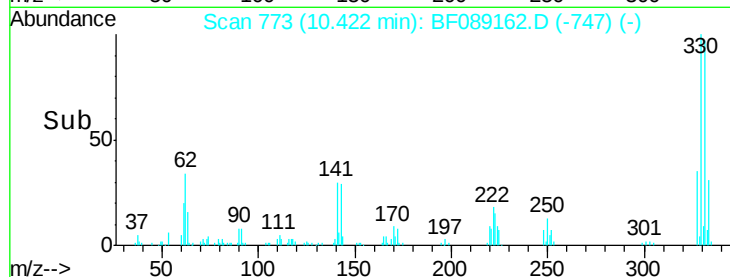
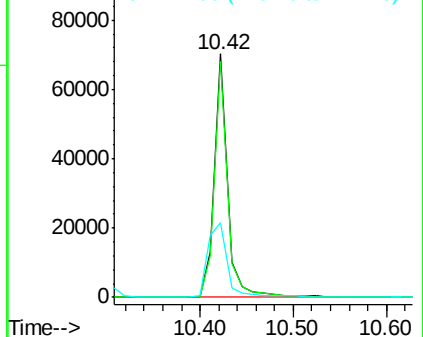
#41
 2,4,6-Tribromophenol
 Concen: 79.24 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 70017
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 45.2 42.2 63.2

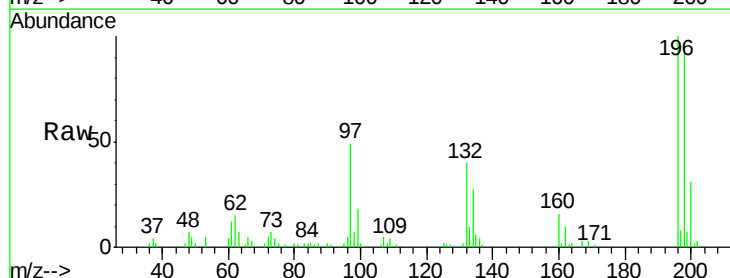


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

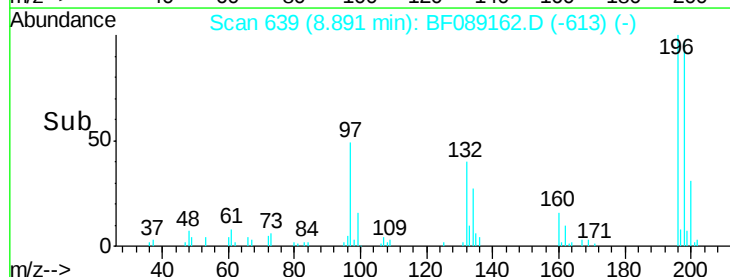
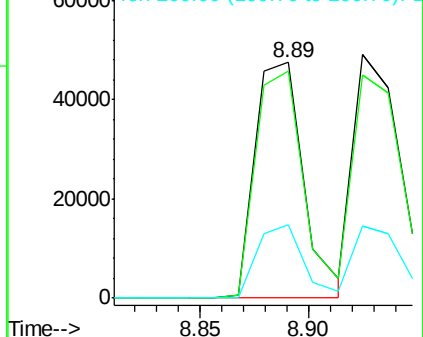


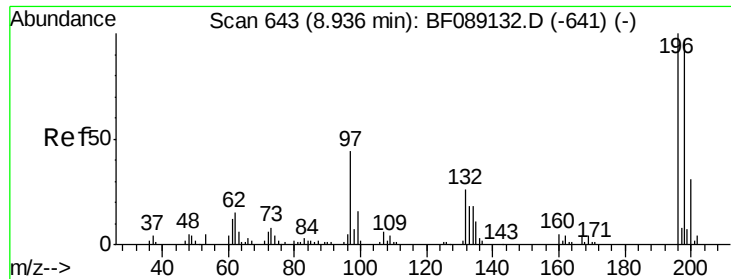
#42
 2,4,6-Trichlorophenol
 Concen: 36.17 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:196 Resp: 73850
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.3 117.5
 200 31.0 25.0 37.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

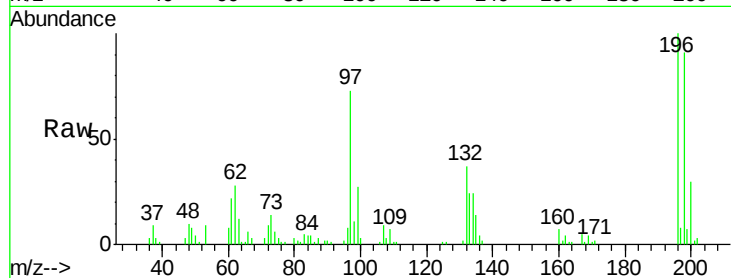




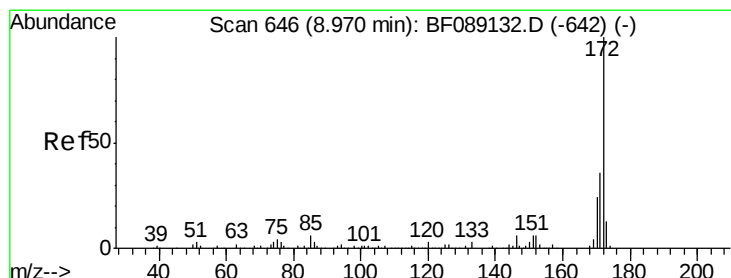
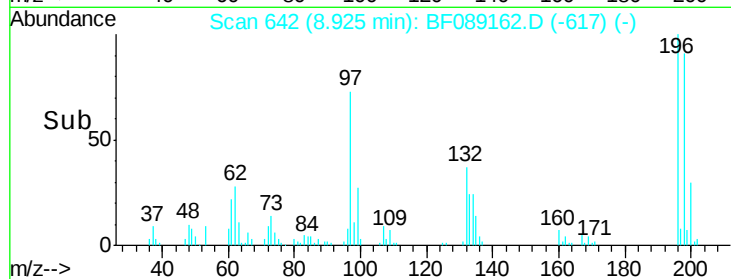
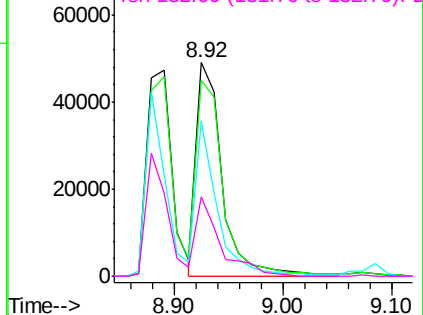
#43
 2,4,5-Trichlorophenol
 Concen: 40.08 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 82151
 Ion Ratio Lower Upper
 196 100
 198 91.5 77.6 116.4
 97 72.6 36.5 54.7#
 132 37.2 21.2 31.8#

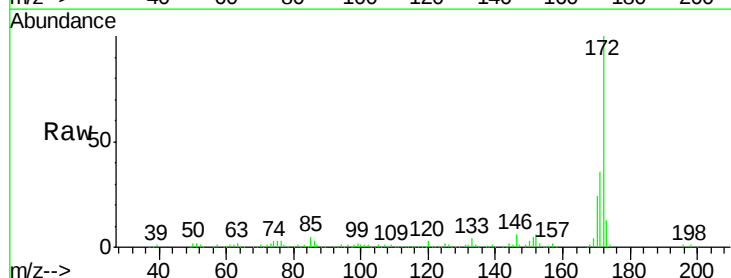


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

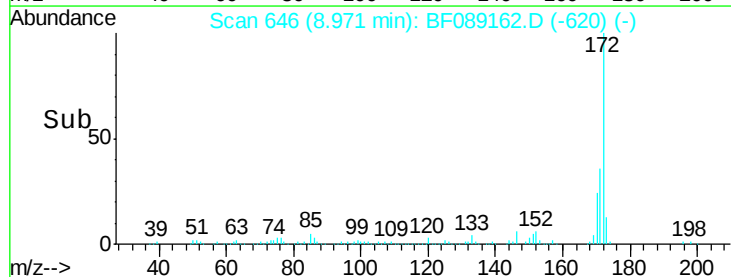
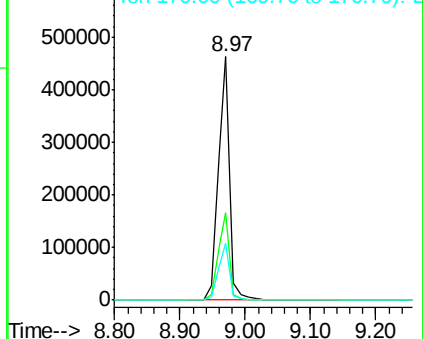


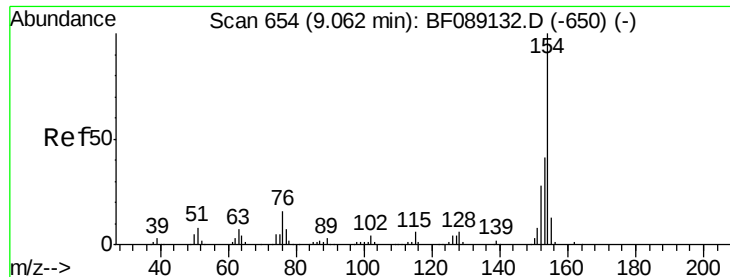
#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:172 Resp: 566811
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.5 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

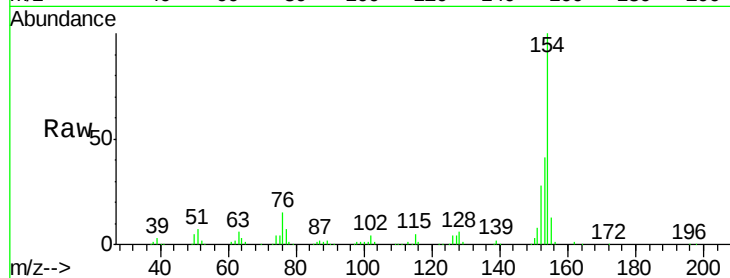




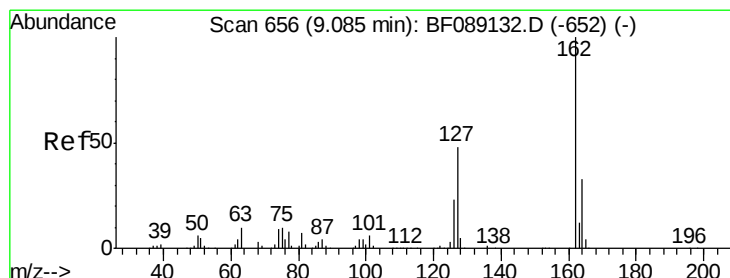
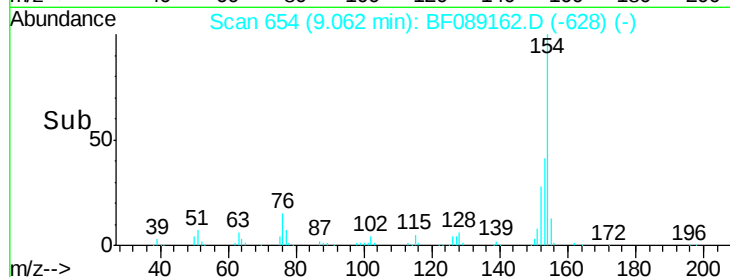
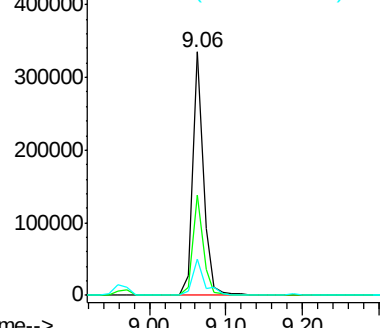
#45
1,1'-Biphenyl
Concen: 37.17 ng
RT: 9.06 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 328548
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 14.8 0.0 35.8

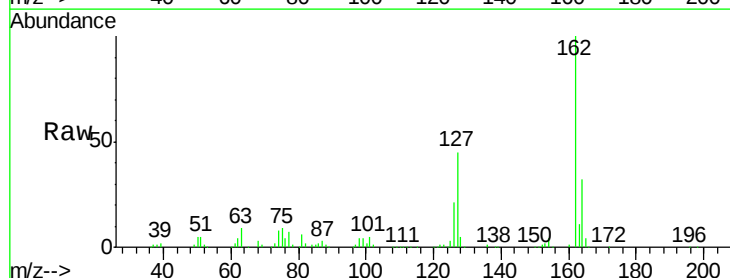


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

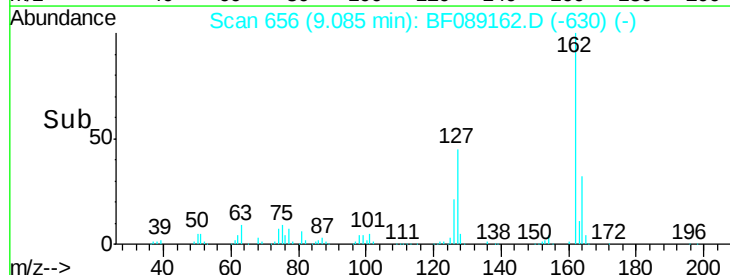
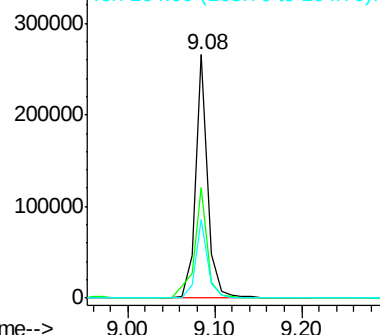


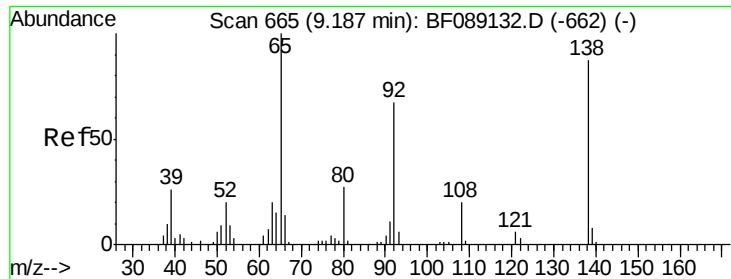
#46
2-Chloronaphthalene
Concen: 38.77 ng
RT: 9.08 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion:162 Resp: 260399
Ion Ratio Lower Upper
162 100
127 45.3 38.1 57.1
164 32.3 26.1 39.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

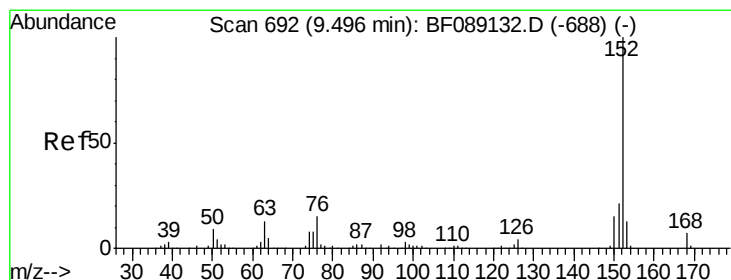
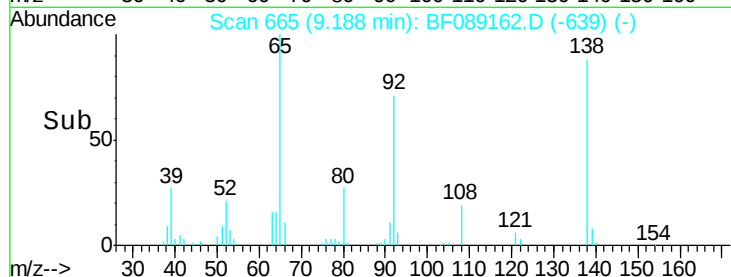
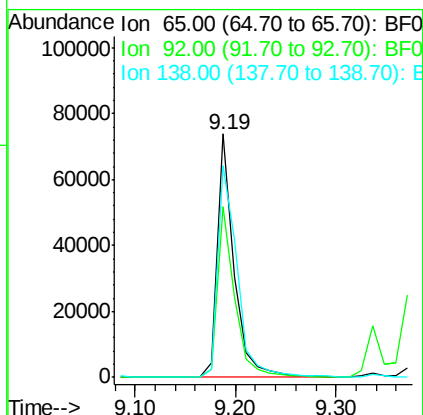
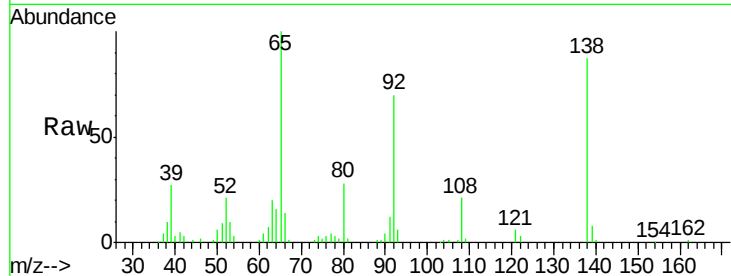




#47
2-Nitroaniline
Concen: 36.97 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

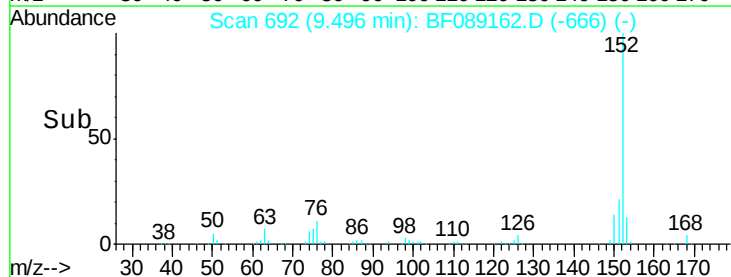
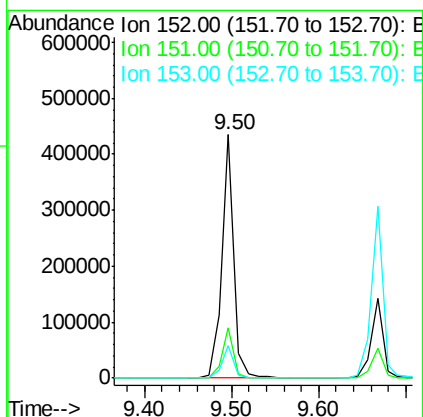
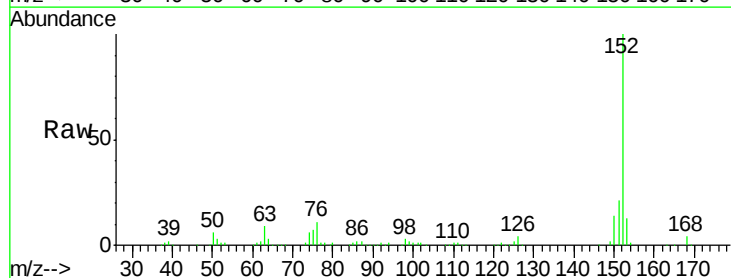
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

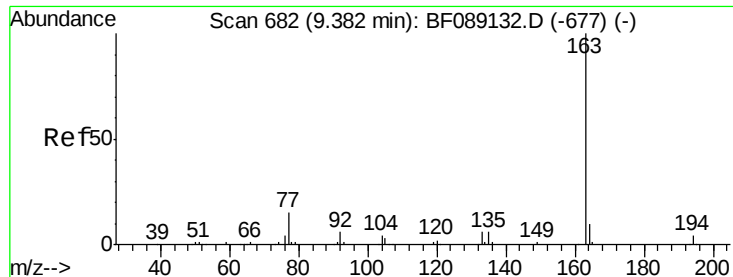
Tgt Ion: 65 Resp: 85185
Ion Ratio Lower Upper
65 100
92 70.3 53.2 79.8
138 87.2 69.4 104.2



#48
Acenaphthylene
Concen: 40.07 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion: 152 Resp: 423085
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.1 10.7 16.1

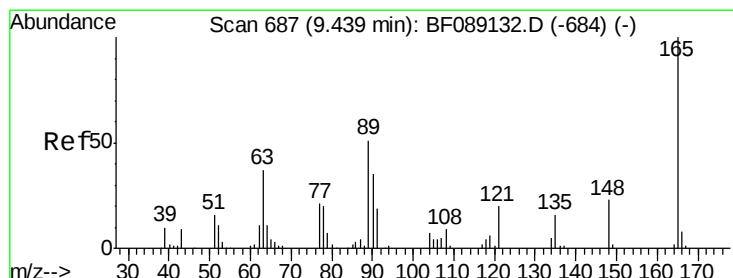
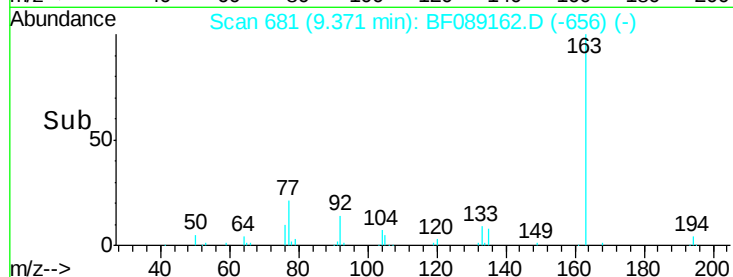
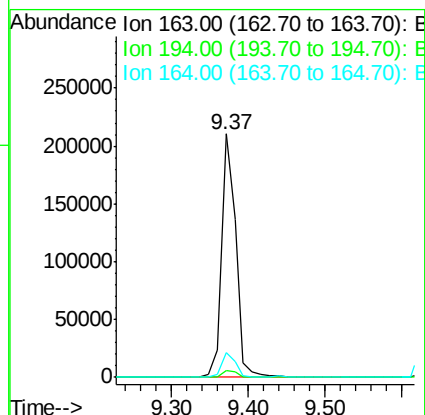
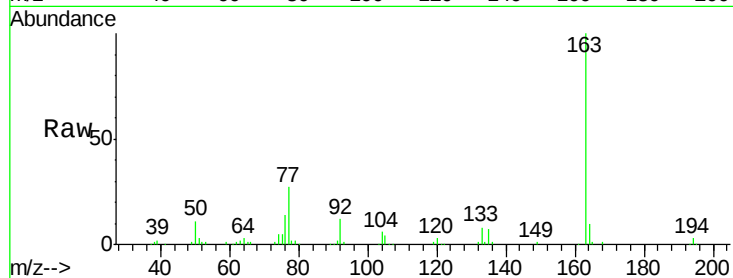




#49
Dimethylphthalate
Concen: 36.31 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

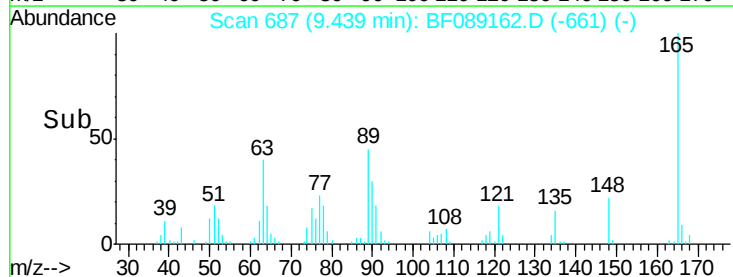
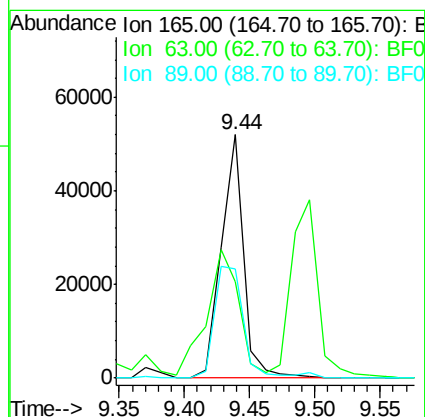
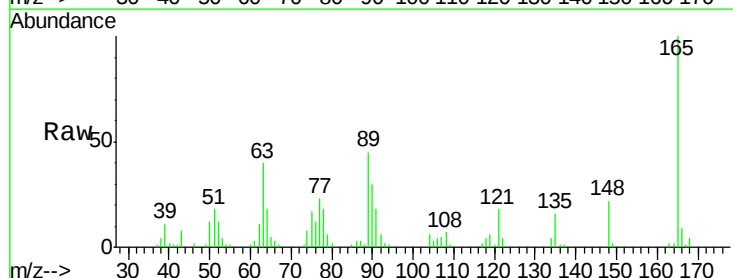
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

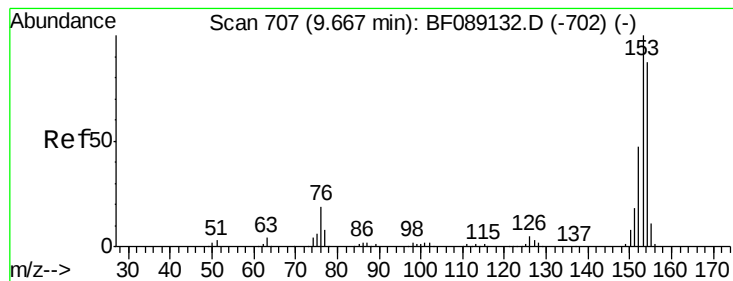
Tgt Ion:163 Resp: 273463
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.3 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 36.80 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion:165 Resp: 62570
Ion Ratio Lower Upper
165 100
63 39.6 37.0 55.4
89 45.0 40.9 61.3





#51

Acenaphthene

Concen: 39.63 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

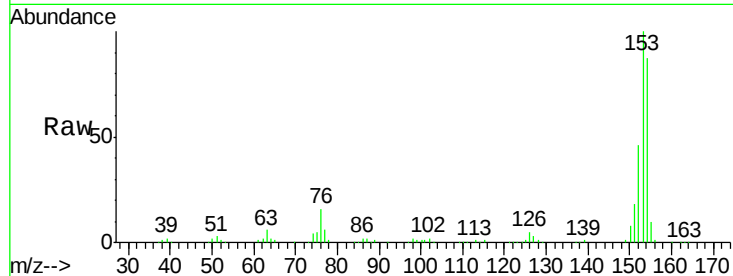
Tgt Ion:154 Resp: 247533

Ion Ratio Lower Upper

154 100

153 114.9 91.9 137.9

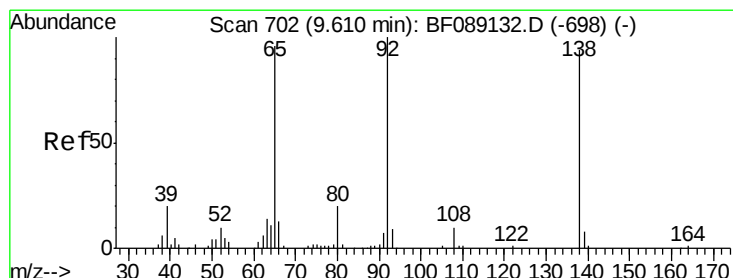
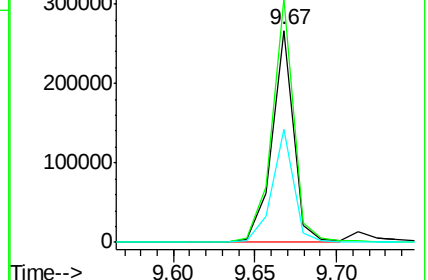
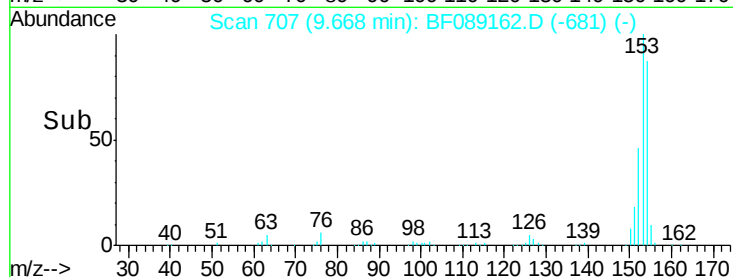
152 53.1 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.67 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

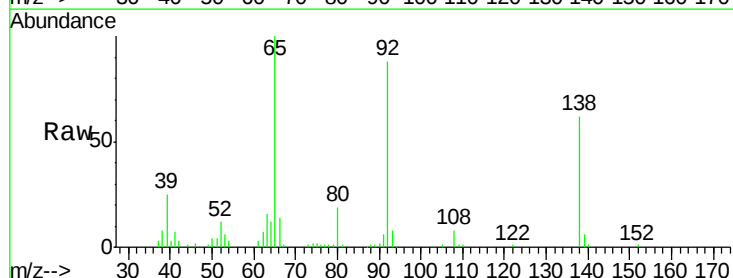
Tgt Ion:138 Resp: 74045

Ion Ratio Lower Upper

138 100

108 12.2 8.8 13.2

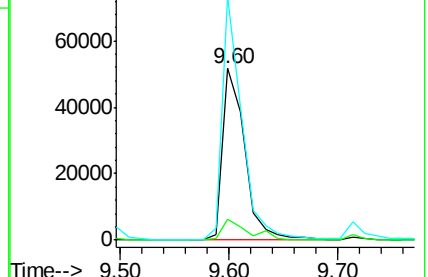
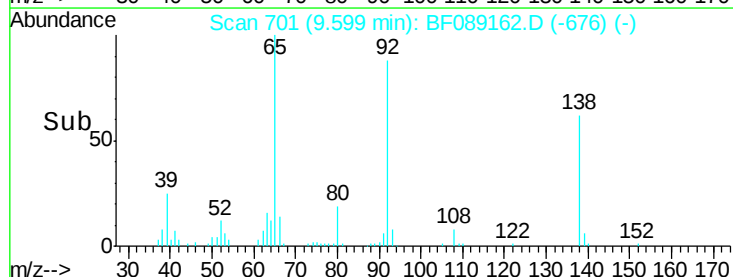
92 141.9 85.3 127.9#

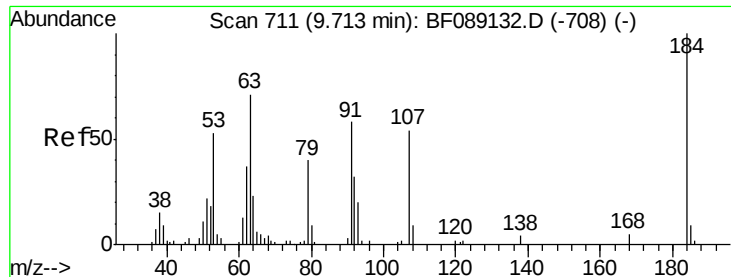


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

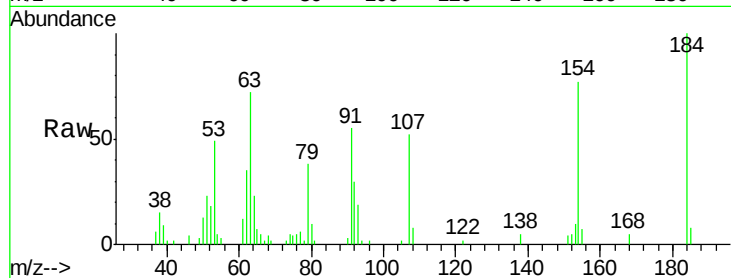




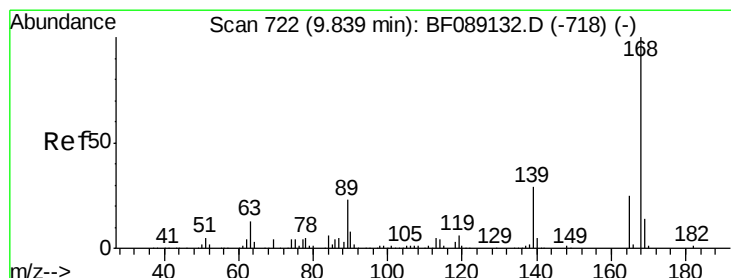
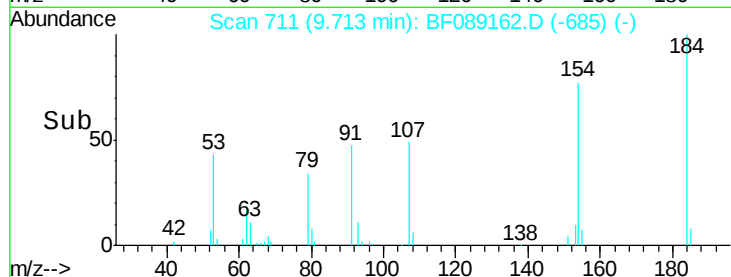
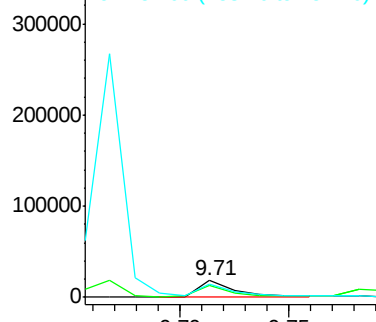
#53
 2,4-Dinitrophenol
 Concen: 31.79 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 22574
 Ion Ratio Lower Upper
 184 100
 63 72.2 60.3 90.5
 154 77.2 60.7 91.1

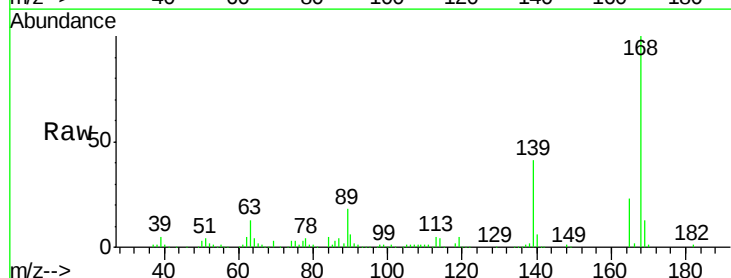


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

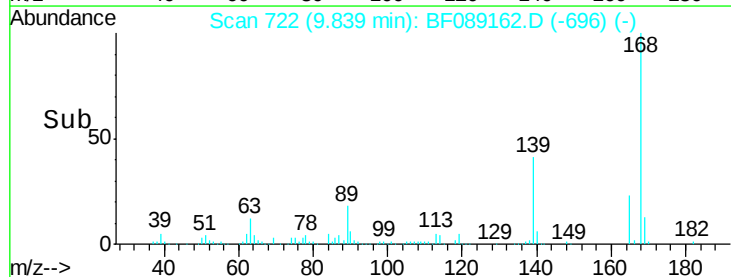
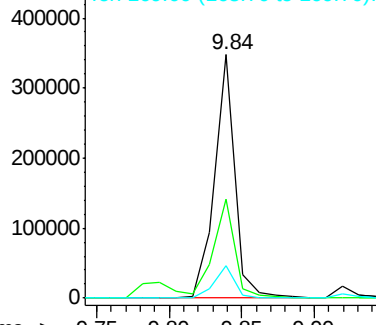


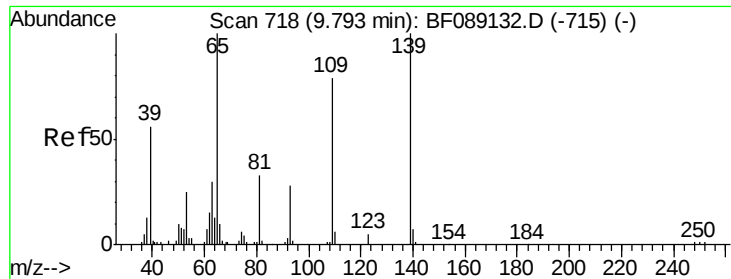
#54
 Dibenzofuran
 Concen: 39.90 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:168 Resp: 336746
 Ion Ratio Lower Upper
 168 100
 139 40.5 34.4 51.6
 169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 33.10 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

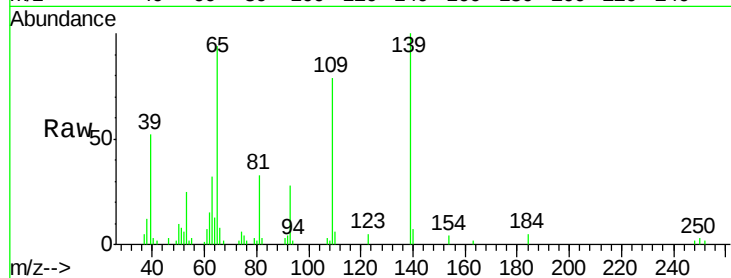
Tgt Ion:139 Resp: 40445

Ion Ratio Lower Upper

139 100

109 79.2 58.7 98.7

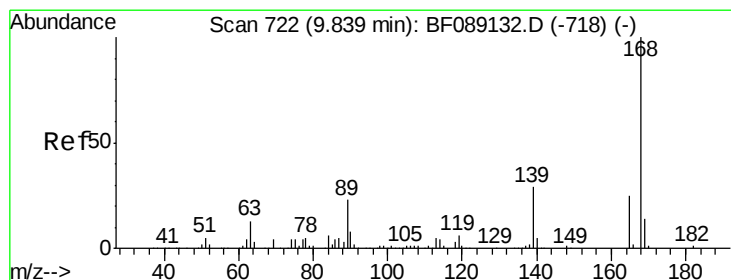
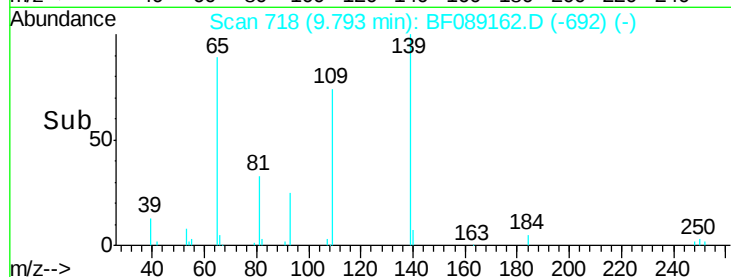
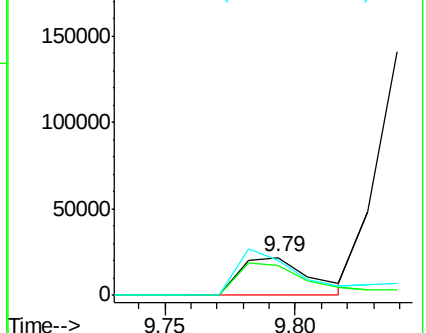
65 93.9 80.2 120.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.49 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Tgt Ion:165 Resp: 86489

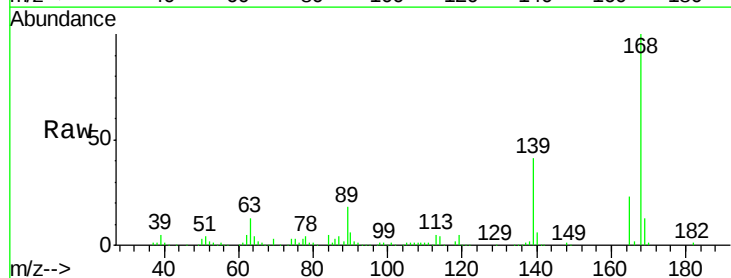
Ion Ratio Lower Upper

165 100

63 53.7 55.4 83.2#

89 76.6 74.3 111.5

182 2.5 2.0 3.0

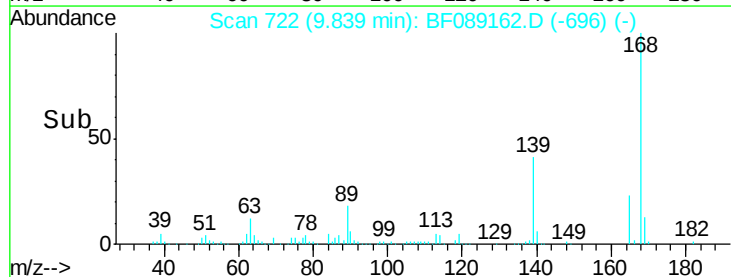
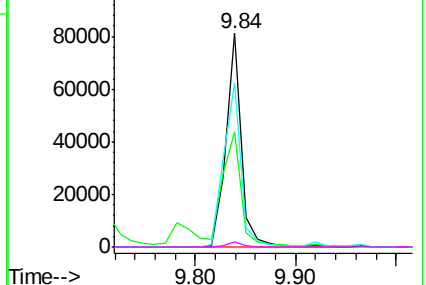


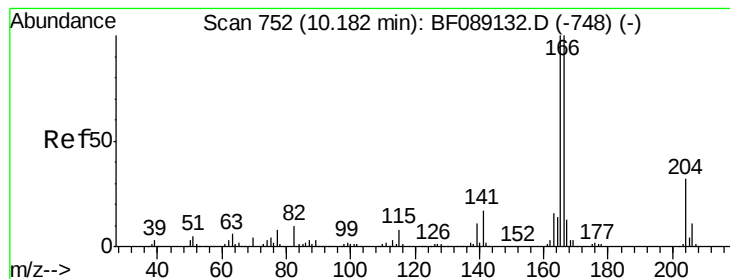
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.64 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

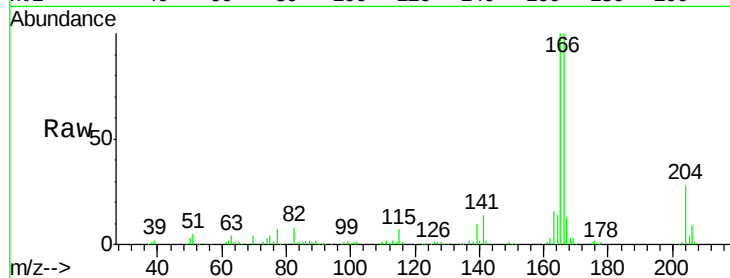
Tgt Ion:166 Resp: 276834

Ion Ratio Lower Upper

166 100

165 100.1 79.9 119.9

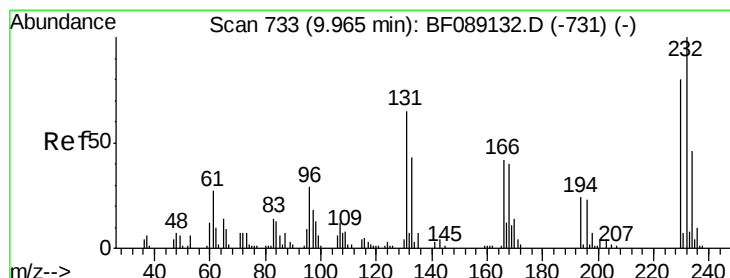
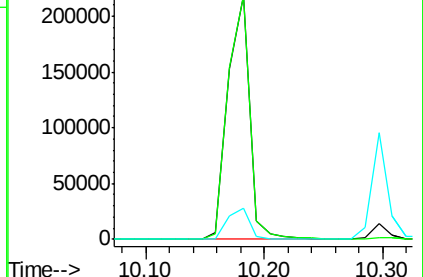
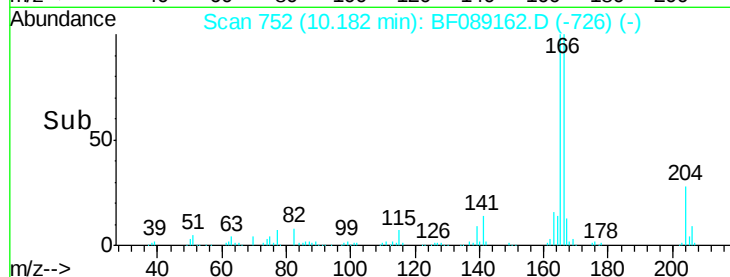
167 12.8 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.92 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Tgt Ion:232 Resp: 61702

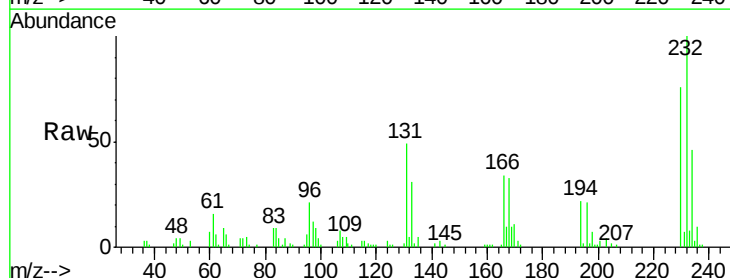
Ion Ratio Lower Upper

232 100

131 52.7 46.2 69.2

130 2.4 2.3 3.5

166 35.1 29.5 44.3

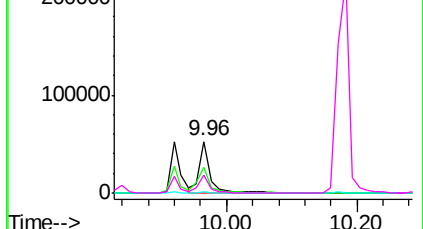
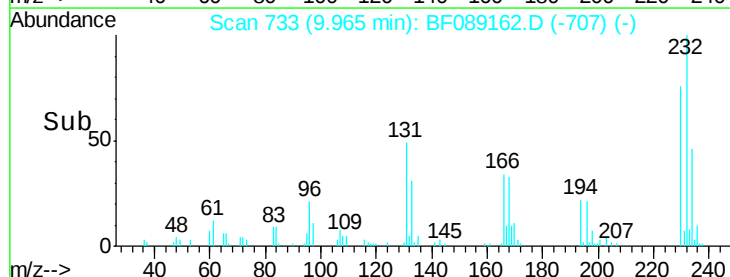


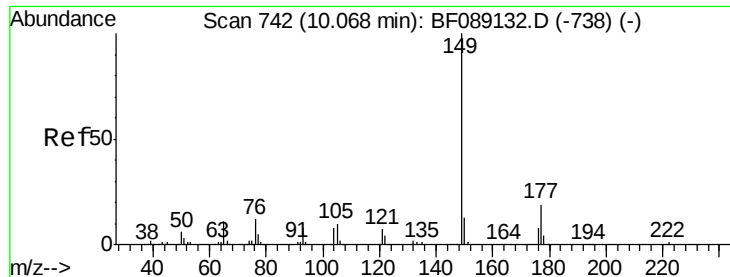
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

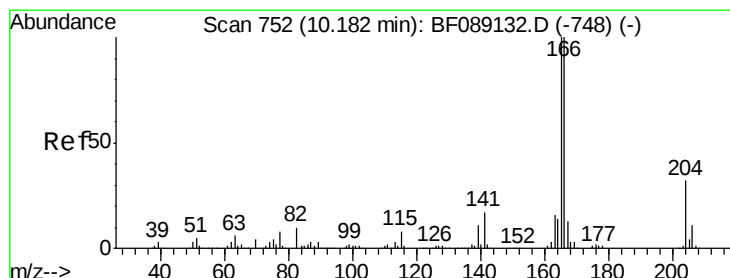
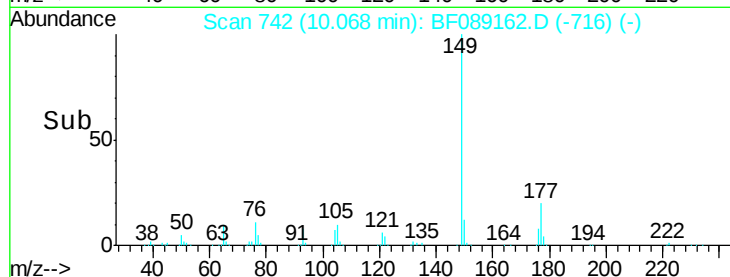
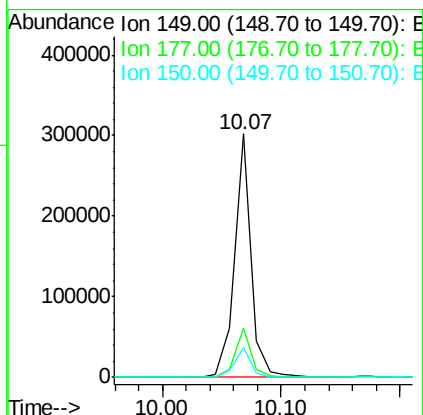
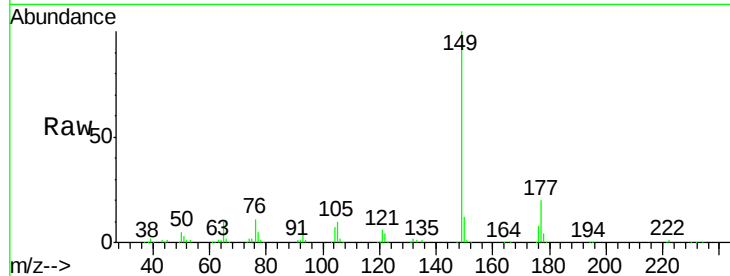




#59
Diethylphthalate
Concen: 39.02 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

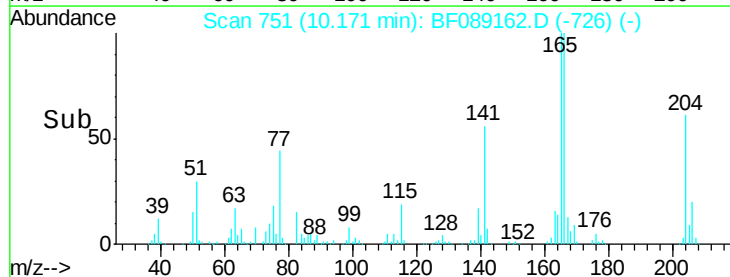
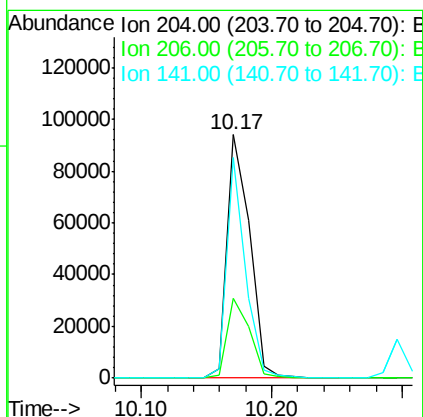
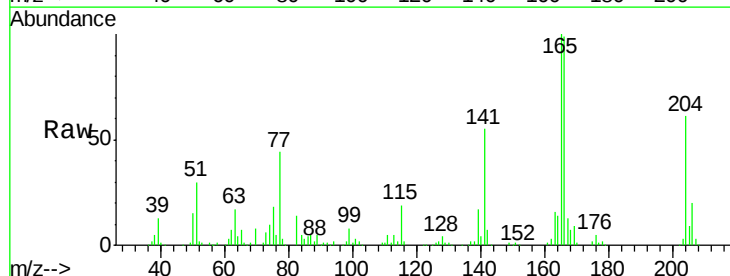
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

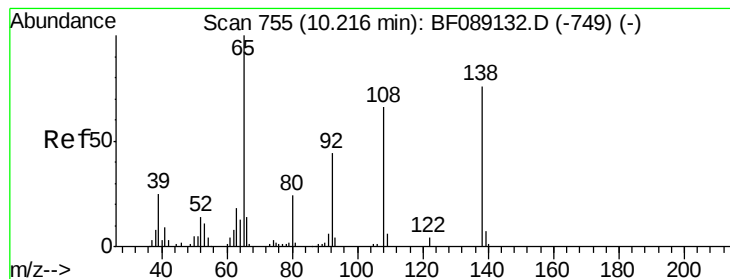
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	15.6	23.4
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 34.73 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	90.7	42.2	63.4#





#61

4-Nitroaniline

Concen: 39.67 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

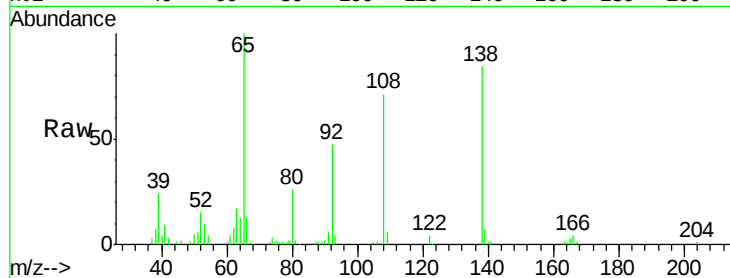
Tgt Ion:138 Resp: 77940

Ion Ratio Lower Upper

138 100

92 55.3 37.2 77.2

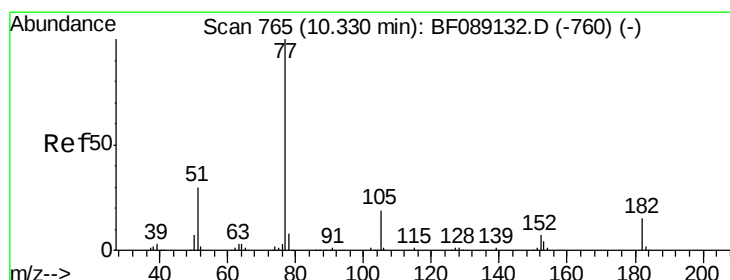
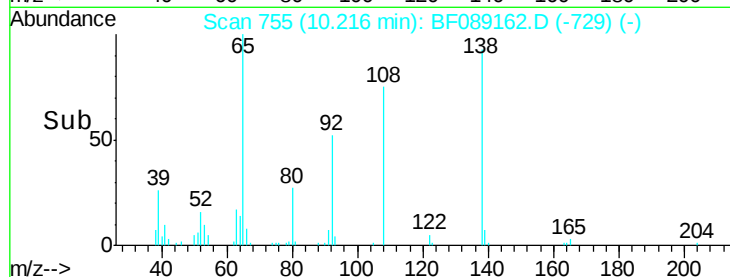
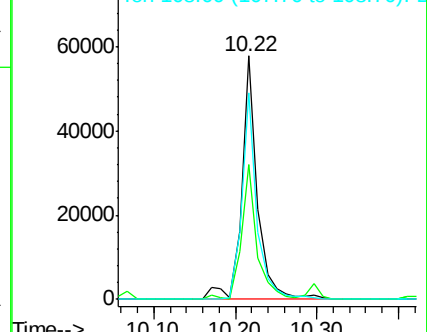
108 84.7 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.34 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Tgt Ion: 77 Resp: 303094

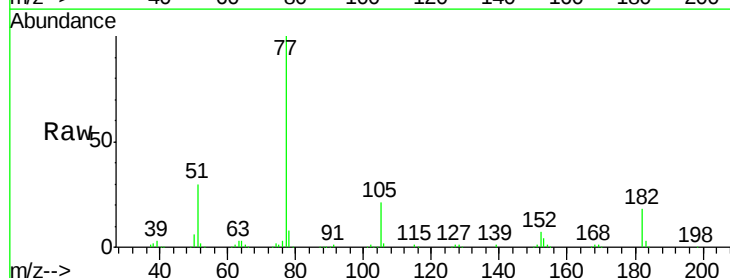
Ion Ratio Lower Upper

77 100

182 17.9 0.0 35.0

105 20.6 0.0 39.4

51 29.5 10.7 50.7

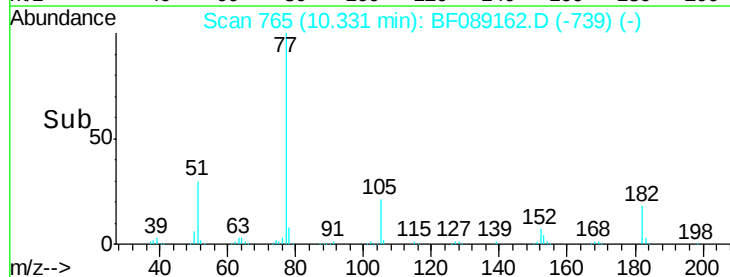
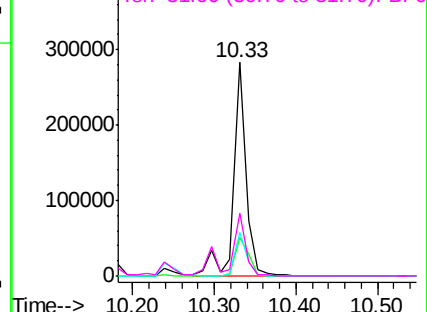


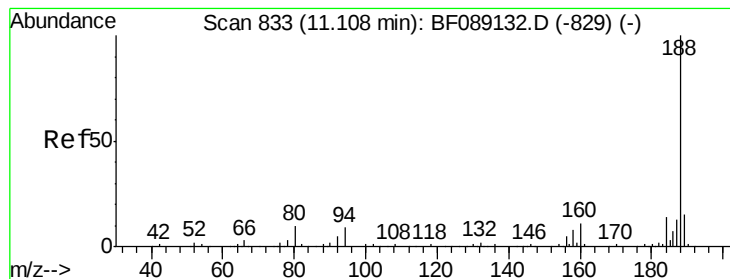
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

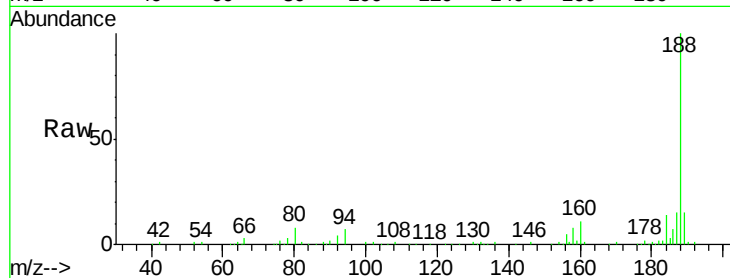
Tgt Ion:188 Resp: 180393

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.4

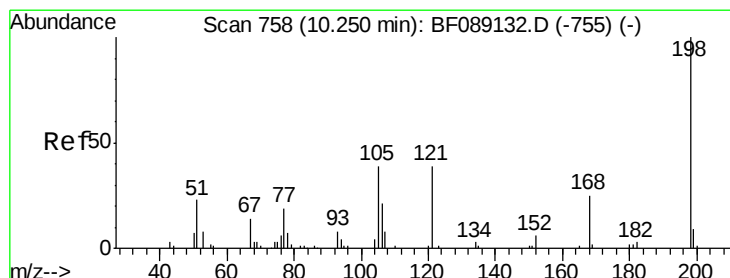
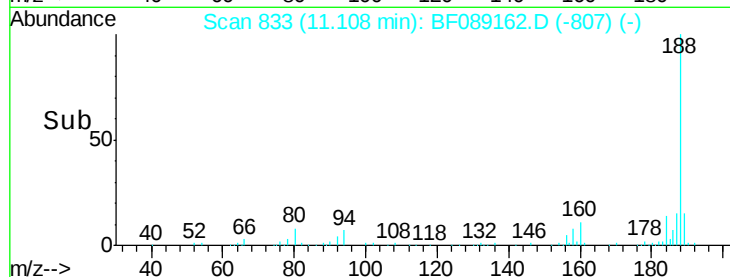
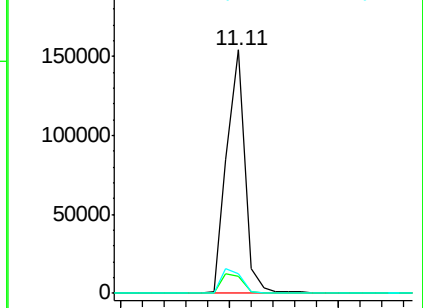
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.19 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

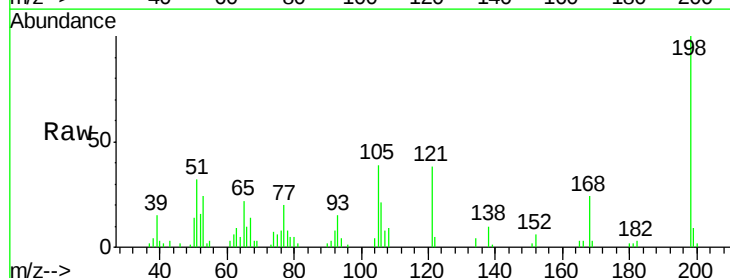
Tgt Ion:198 Resp: 39058

Ion Ratio Lower Upper

198 100

51 32.3 11.7 51.7

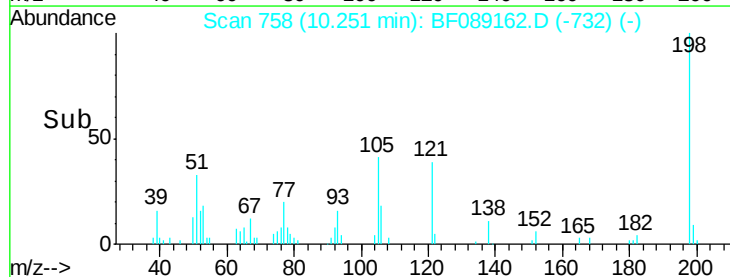
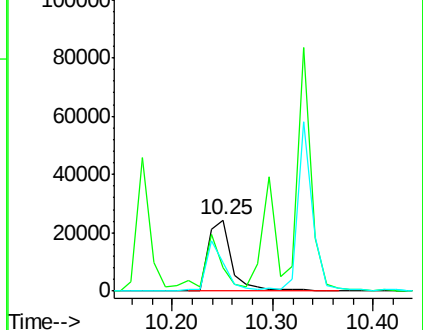
105 39.5 20.3 60.3

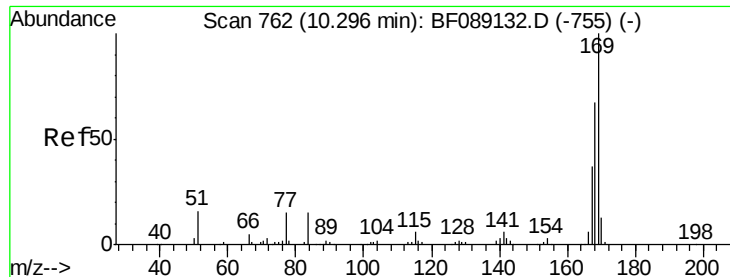


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

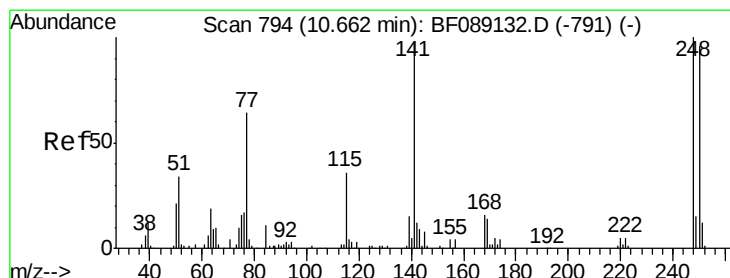
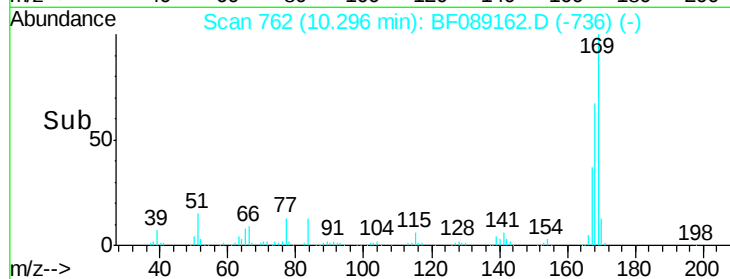
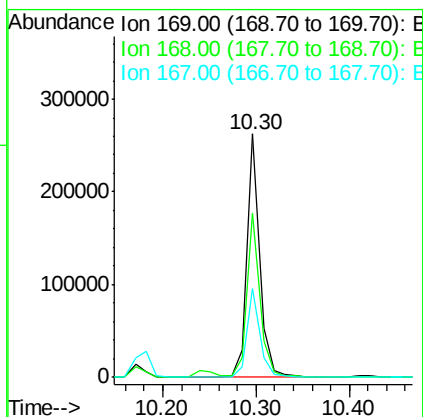
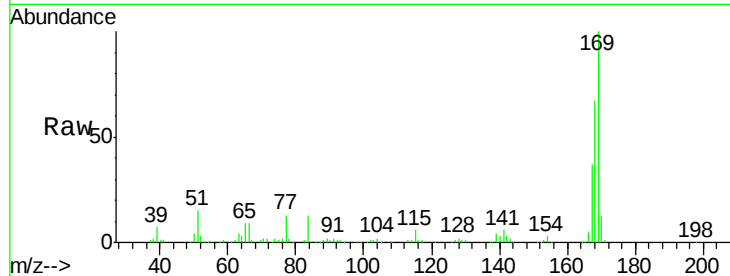




#65
 n-Nitrosodiphenylamine
 Concen: 41.07 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

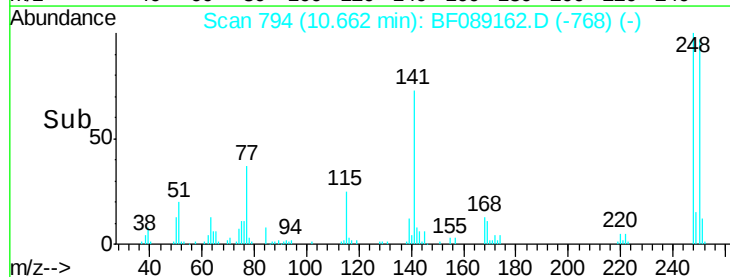
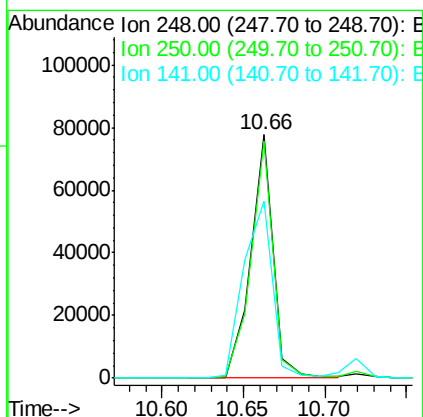
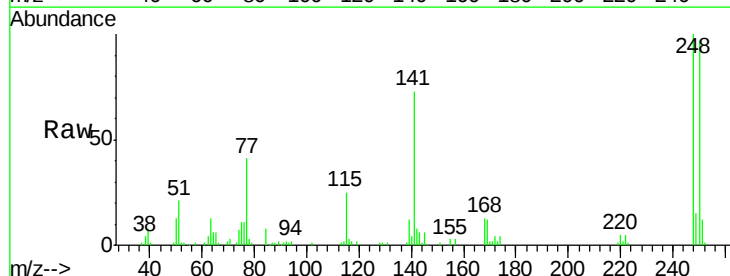
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

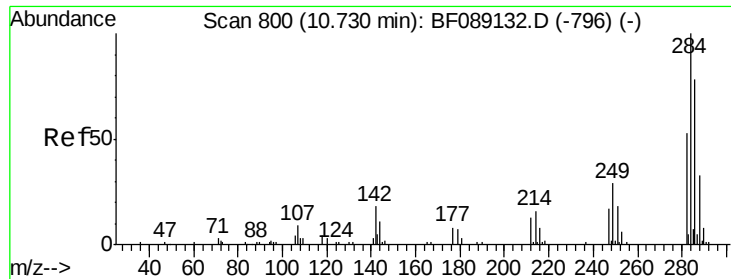
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.4	80.0
167	36.6	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.70 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	73.0	77.4	116.2

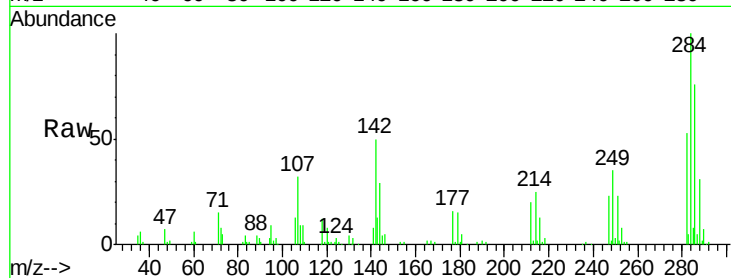




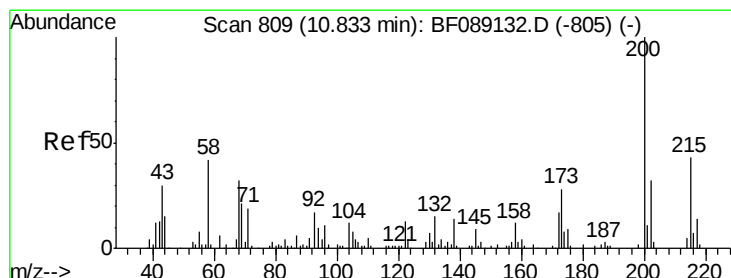
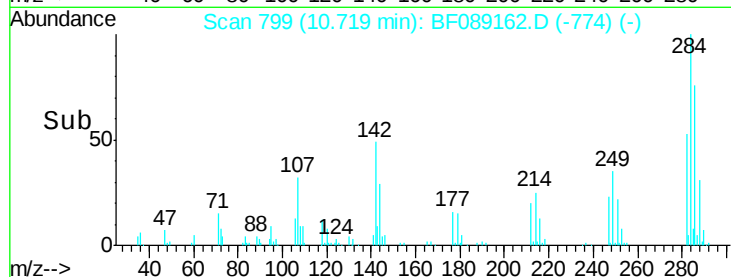
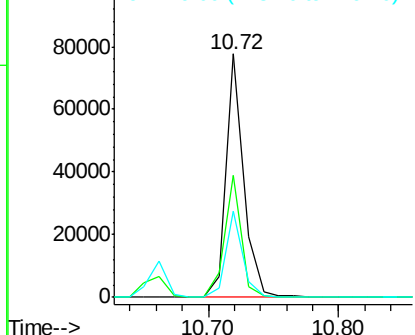
#67
Hexachlorobenzene
Concen: 38.23 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 73412
Ion Ratio Lower Upper
284 100
142 49.9 14.1 21.1#
249 35.2 23.0 34.4#

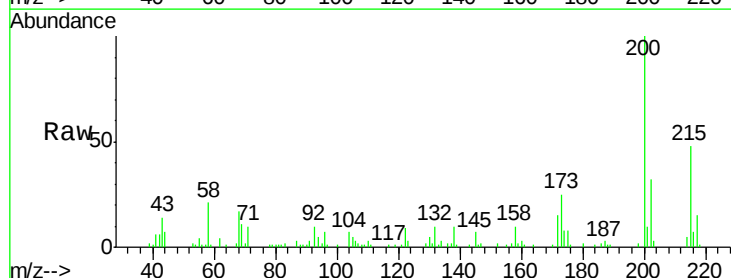


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

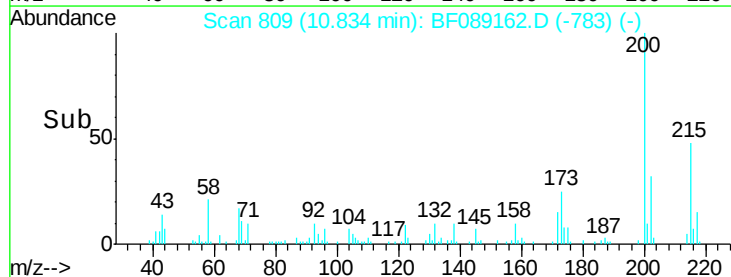
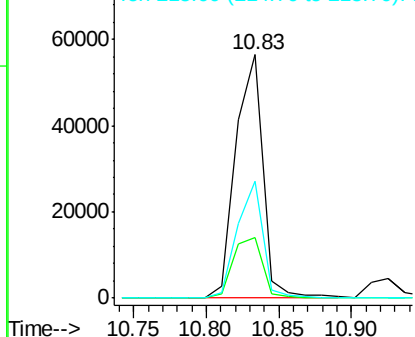


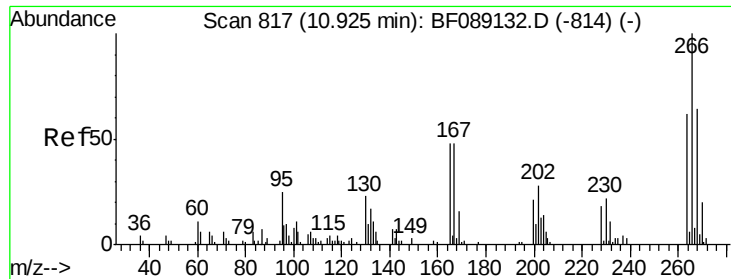
#68
Atrazine
Concen: 39.02 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion:200 Resp: 73560
Ion Ratio Lower Upper
200 100
173 24.9 7.8 47.8
215 47.8 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

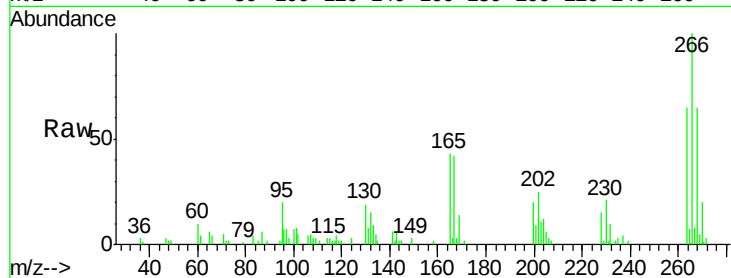




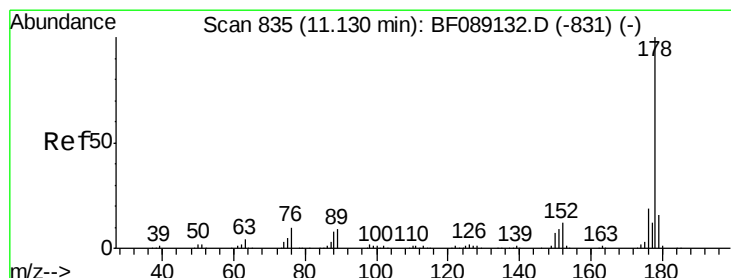
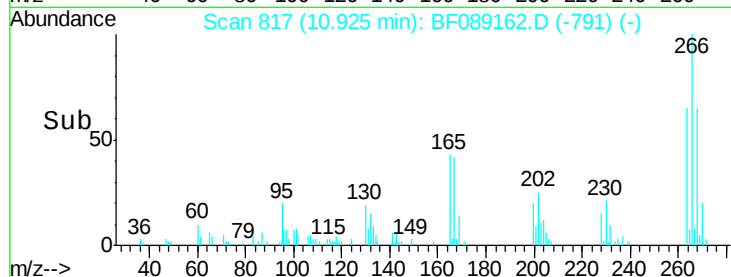
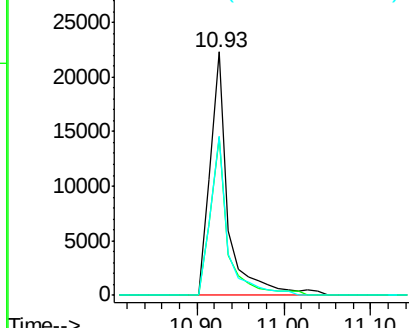
#69
 Pentachlorophenol
 Concen: 36.77 ng
 RT: 10.93 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 32567
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.2 76.8
 264 65.3 49.7 74.5

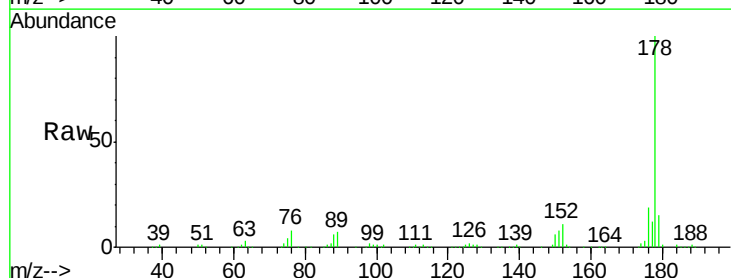


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

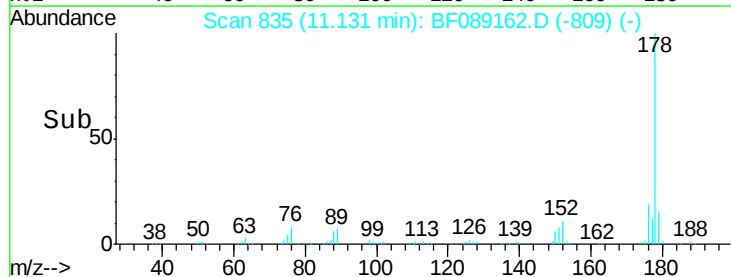
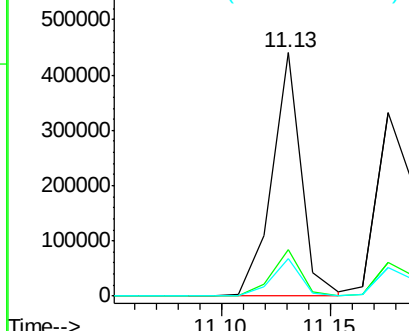


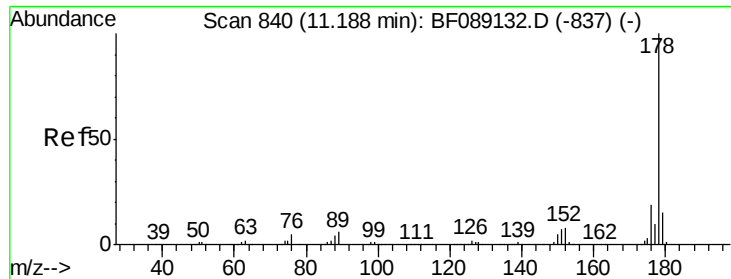
#70
 Phenanthrene
 Concen: 41.87 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:178 Resp: 414296
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

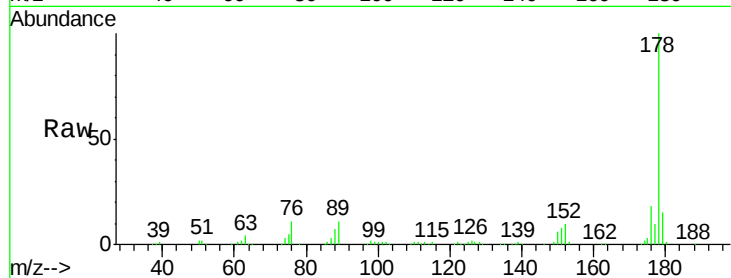




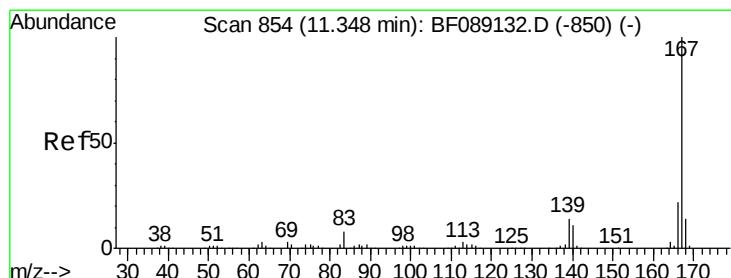
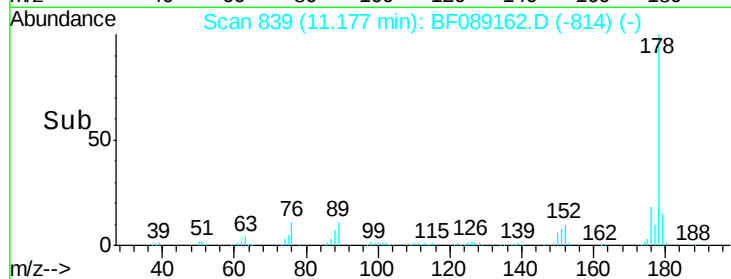
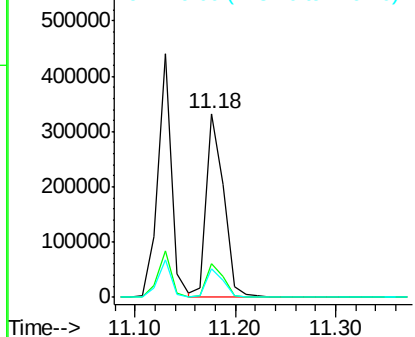
#71
 Anthracene
 Concen: 39.01 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 401259
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.9 22.3
 179 15.3 12.0 18.0

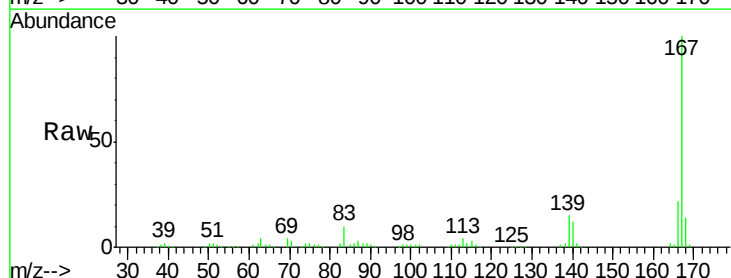


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

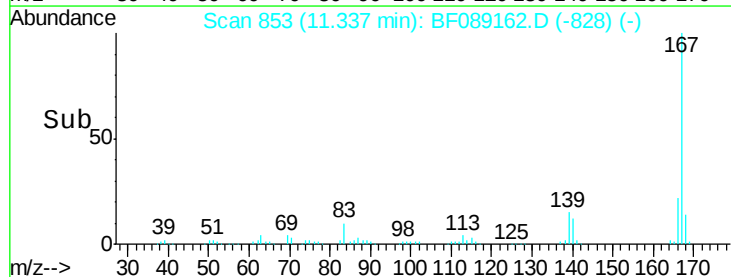
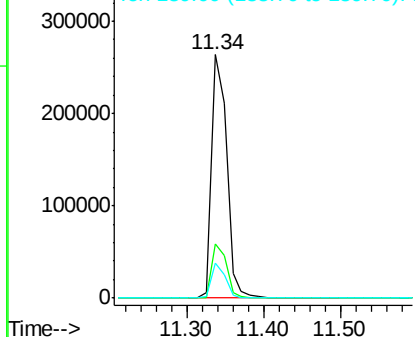


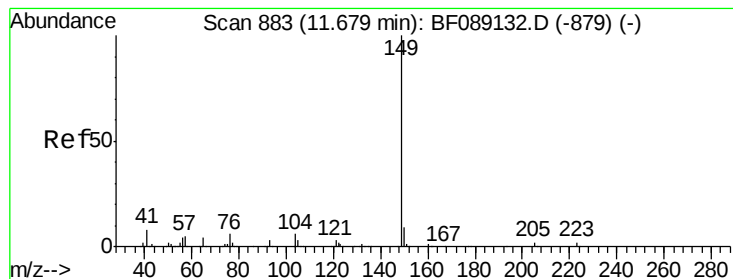
#72
 Carbazole
 Concen: 39.73 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:167 Resp: 358986
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.6 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.30 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

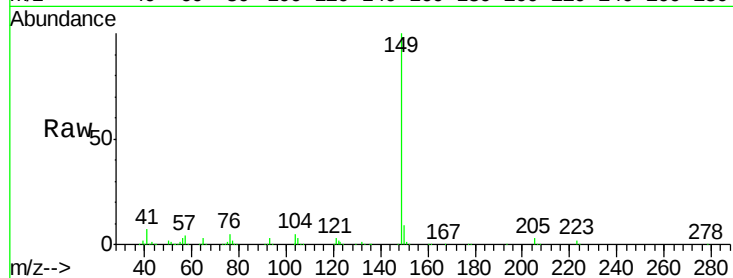
Tgt Ion:149 Resp: 439118

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

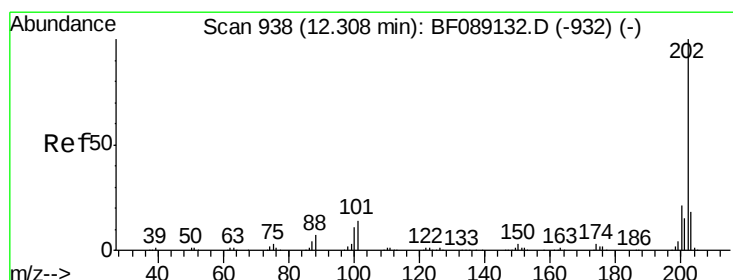
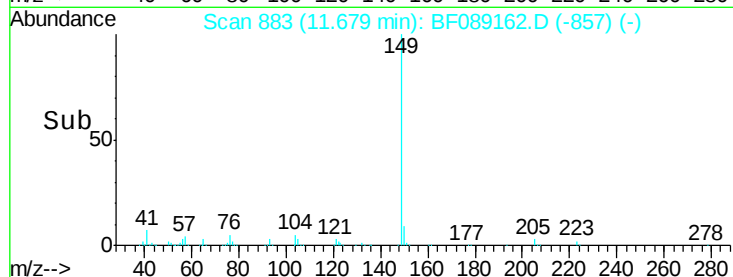
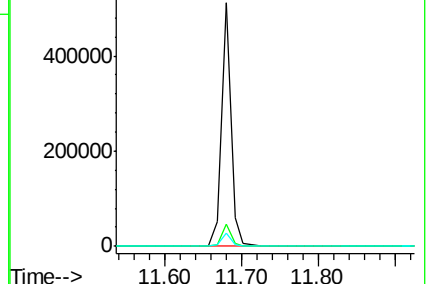
104 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.02 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

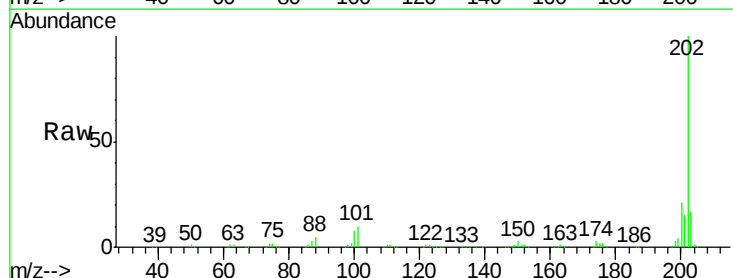
Tgt Ion:202 Resp: 437098

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.0

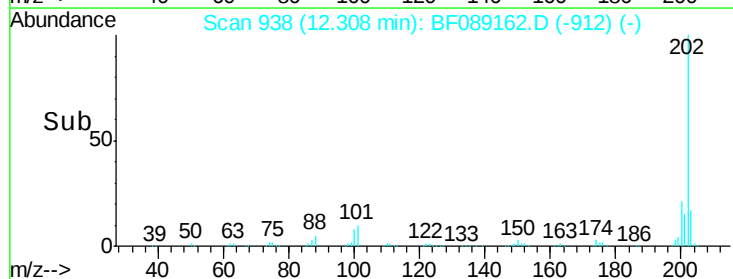
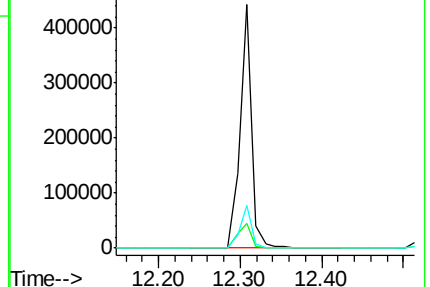
203 17.5 0.0 37.8

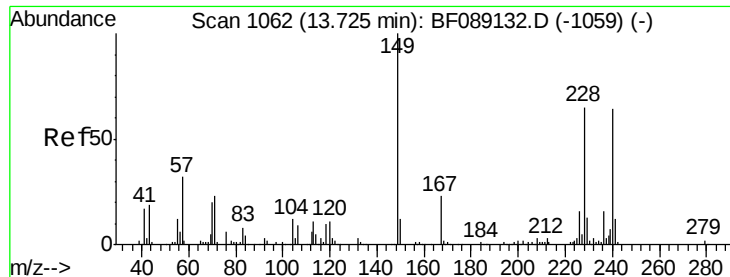


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

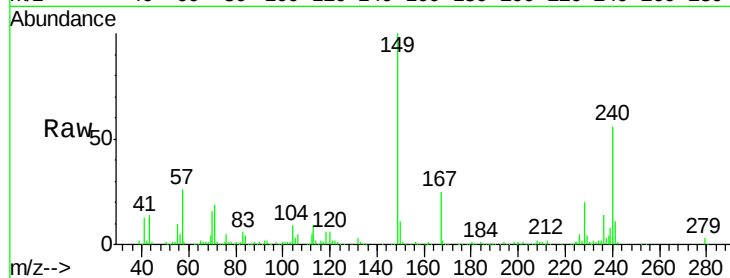
Tgt Ion:240 Resp: 135705

Ion Ratio Lower Upper

240 100

120 11.3 13.6 20.4#

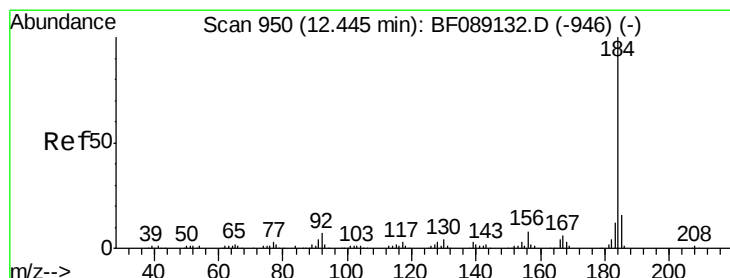
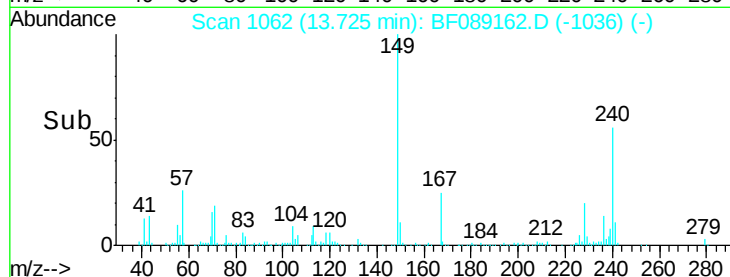
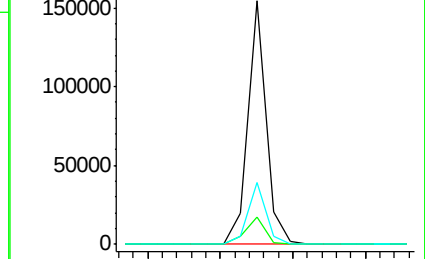
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.40 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

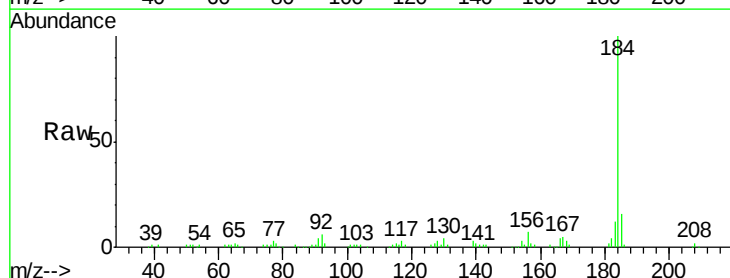
Tgt Ion:184 Resp: 165162

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

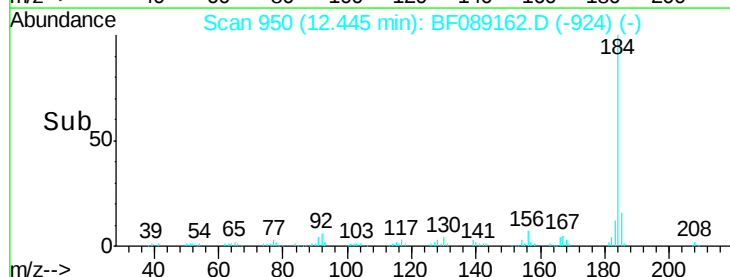
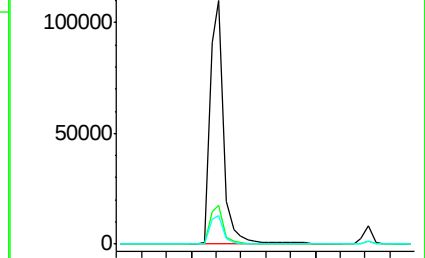
183 12.0 9.6 14.4

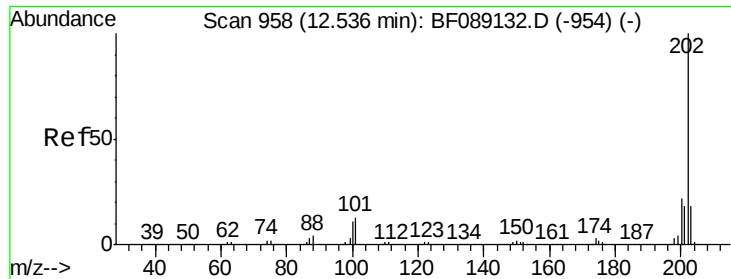


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.78 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

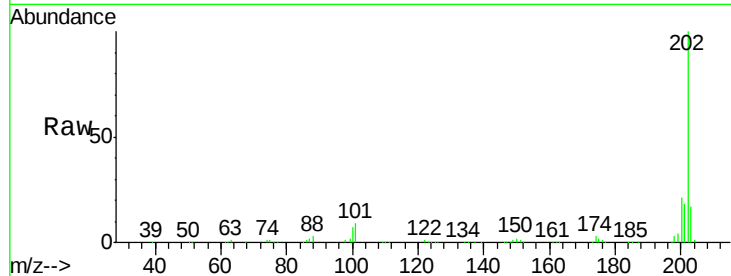
Tgt Ion:202 Resp: 445806

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.0

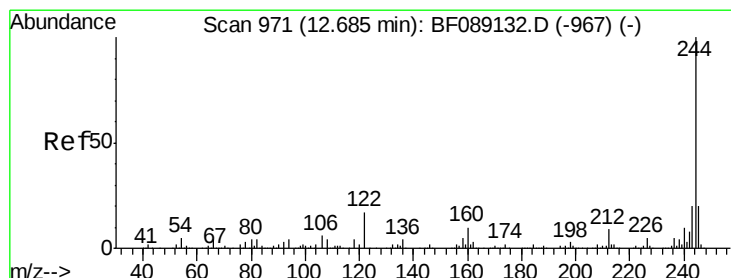
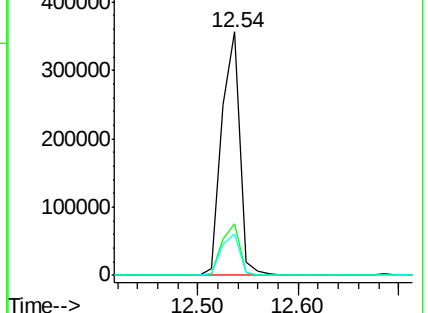
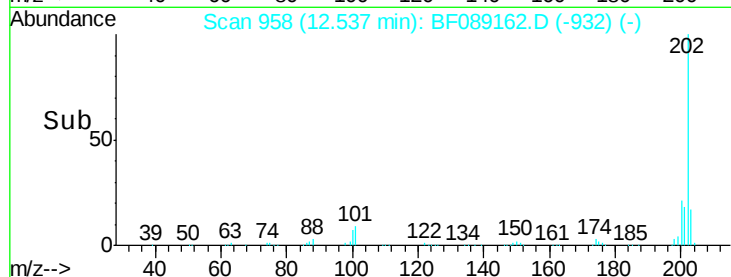
203 17.0 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.22 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

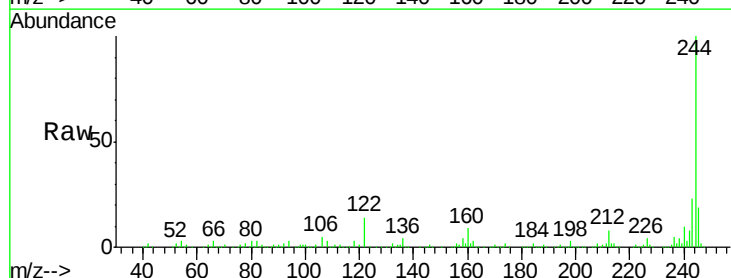
Tgt Ion:244 Resp: 470645

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

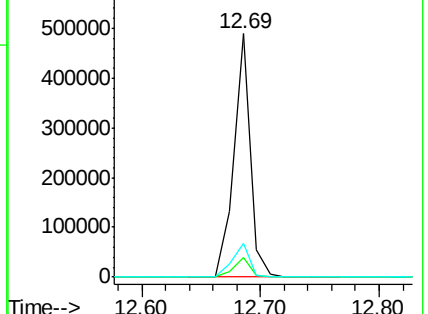
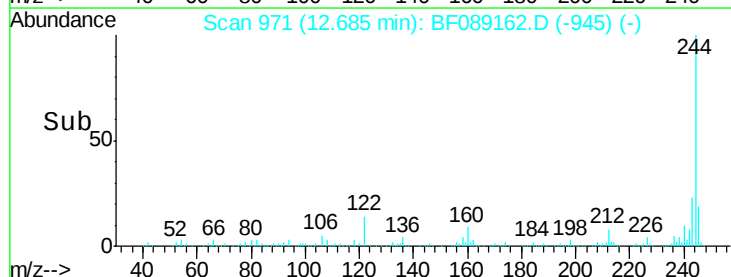
122 13.9 13.8 20.8

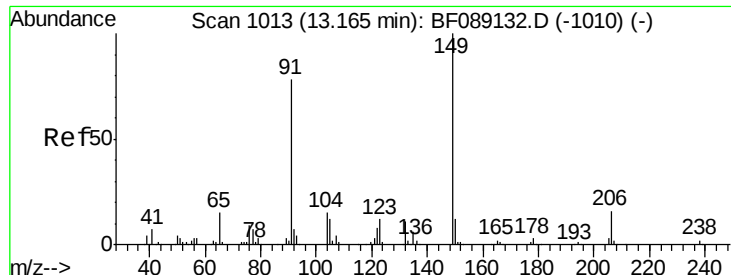


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.00 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

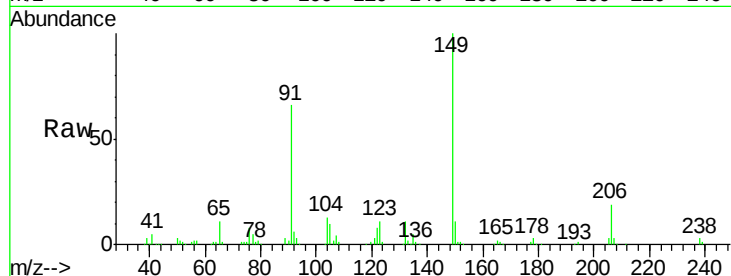
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

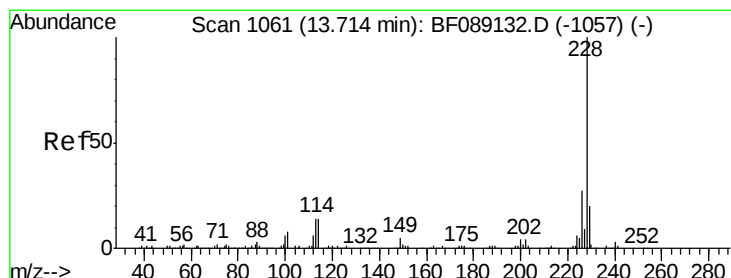
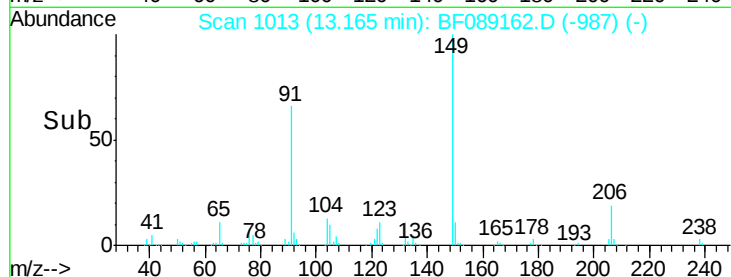
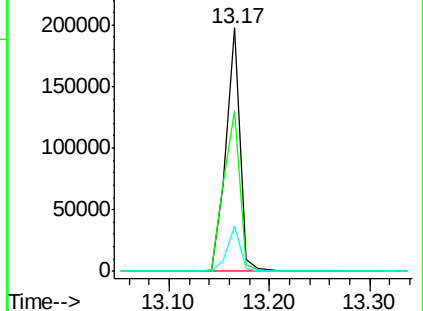
Tgt Ion:	149	Resp:	194357
Ion Ratio	Lower	Upper	
149	100		
91	65.9	62.6	93.8
206	18.6	13.2	19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.15 ng

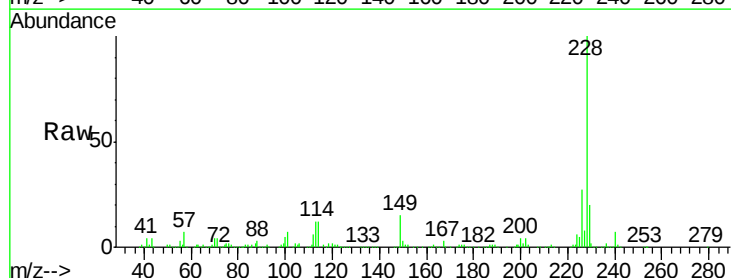
RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

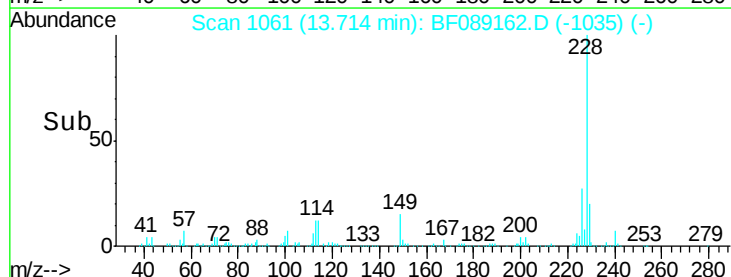
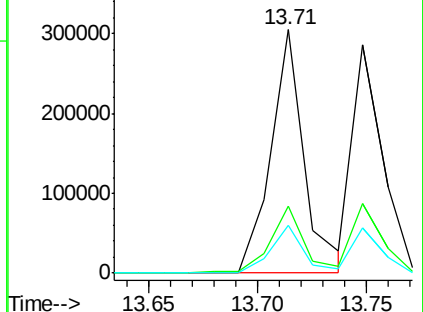
Tgt Ion:	228	Resp:	329762
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.8
229	19.8	15.8	23.8

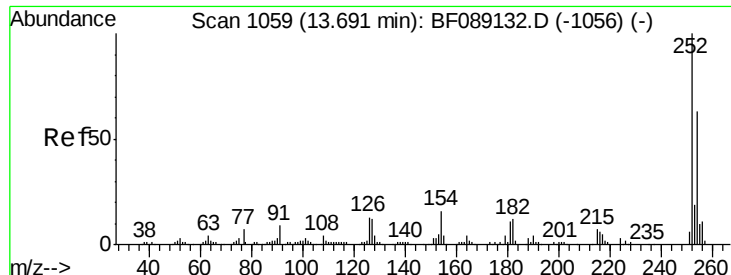


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

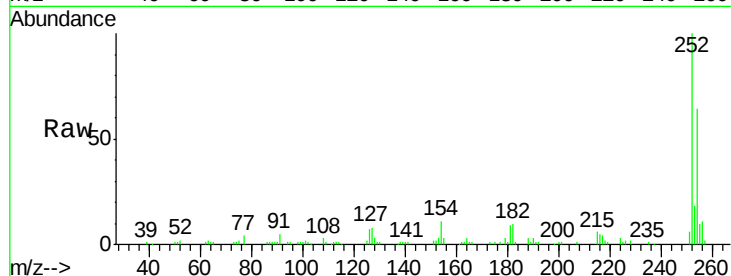




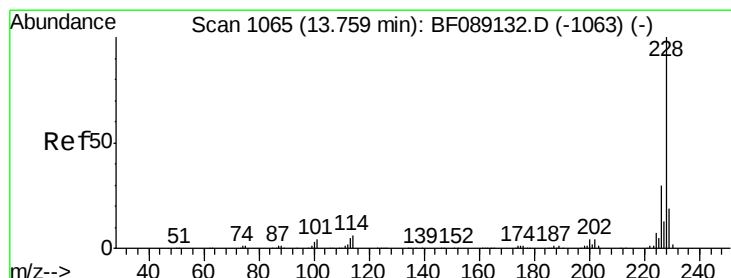
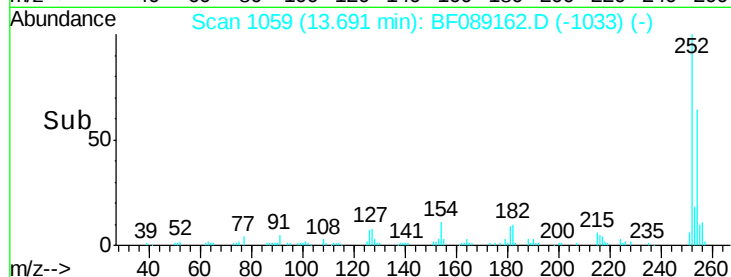
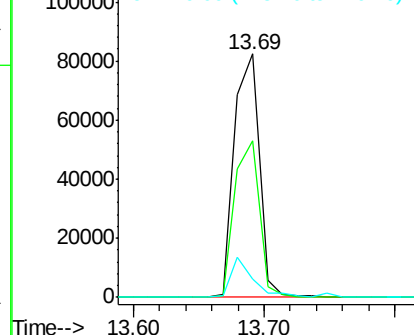
#81
 3,3'-Dichlorobenzidine
 Concen: 38.30 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 109803
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 7.3 10.2 15.2#

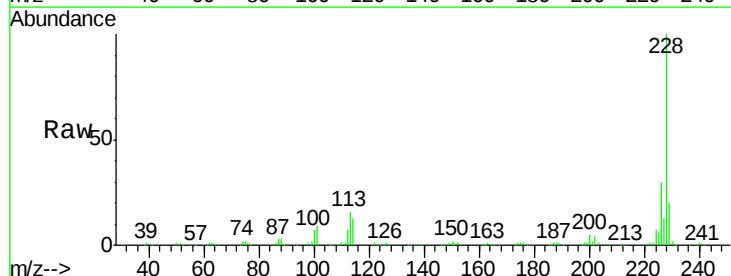


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

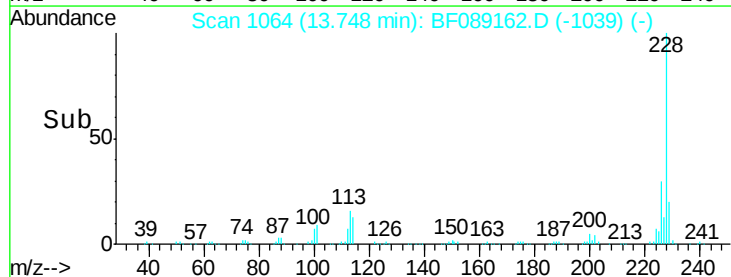
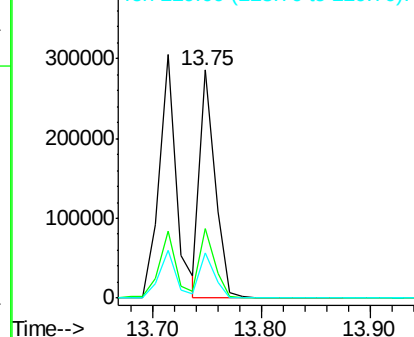


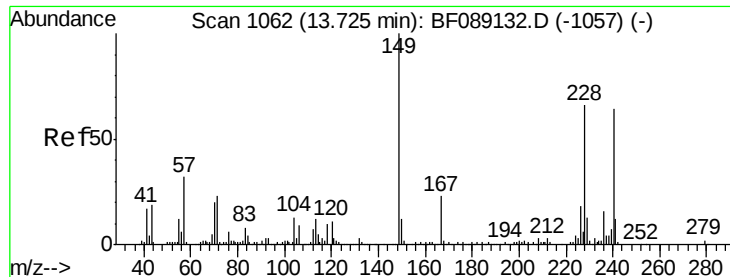
#82
 Chrysene
 Concen: 33.63 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion: 228 Resp: 277660
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.8 35.8
 229 19.9 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

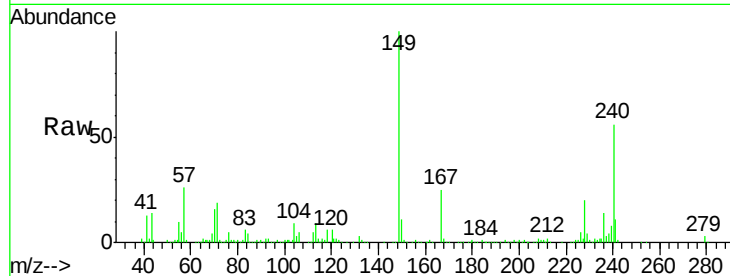




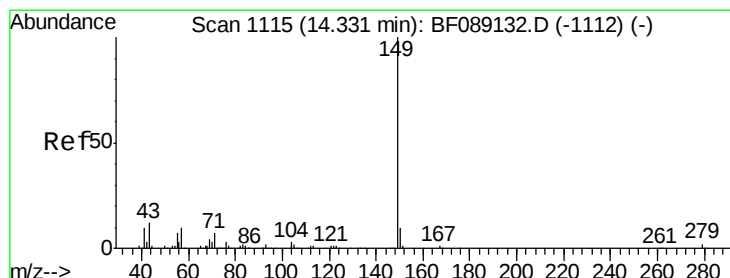
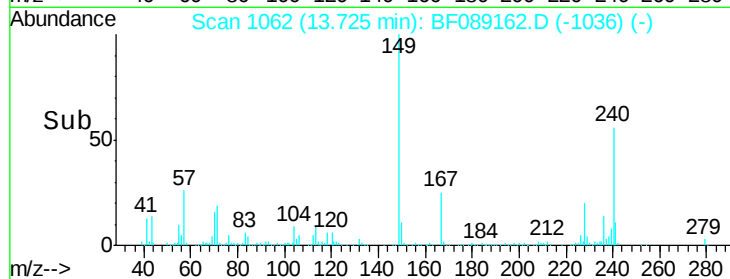
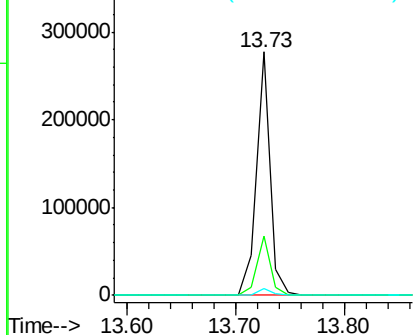
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.91 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 244684
 Ion Ratio Lower Upper
 149 100
 167 24.5 18.6 28.0
 279 2.6 1.6 2.4#

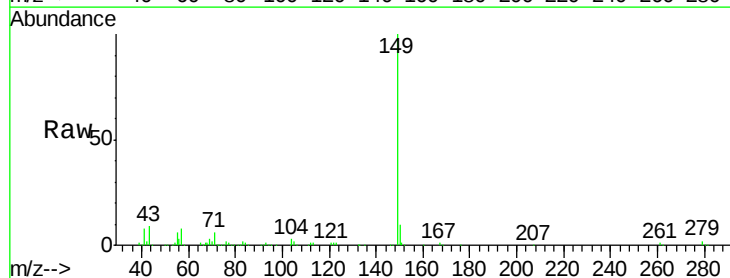


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

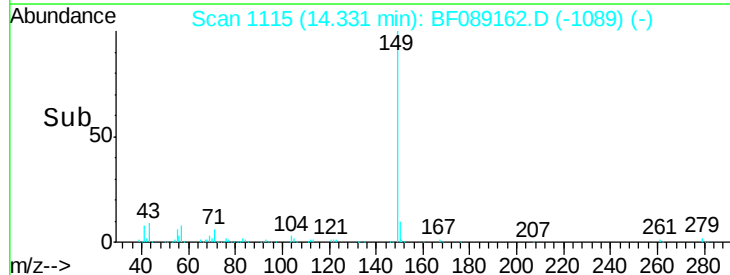
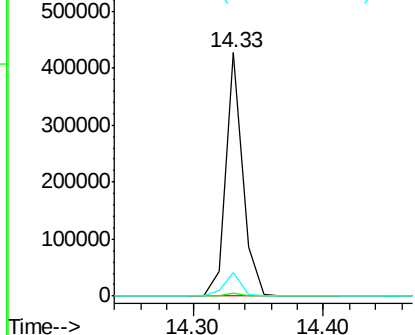


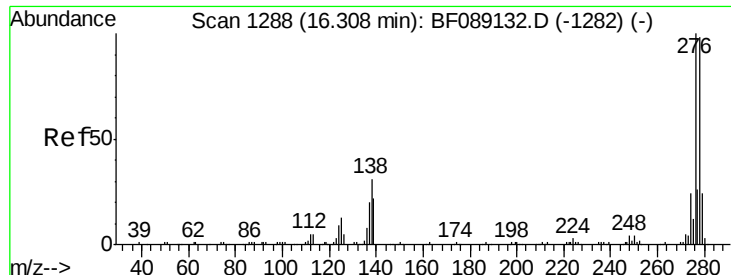
#84
 Di-n-octyl phthalate
 Concen: 37.12 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion:149 Resp: 385130
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

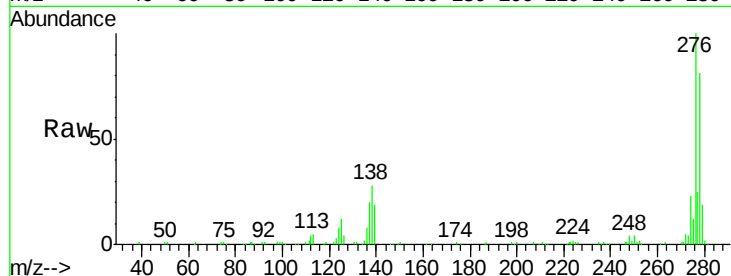




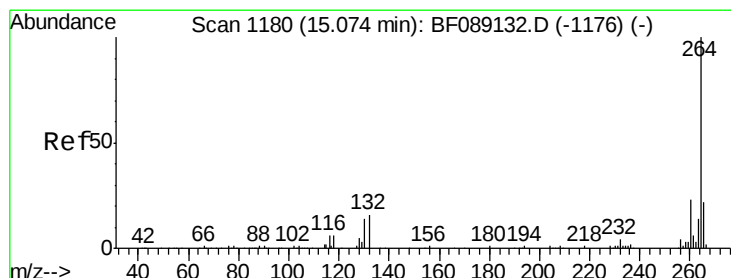
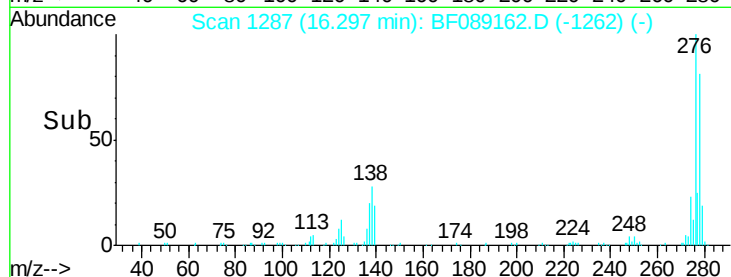
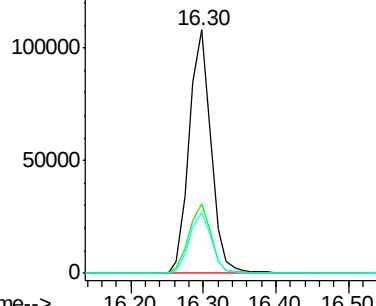
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.88 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.7	35.5
277	25.3	20.6	31.0

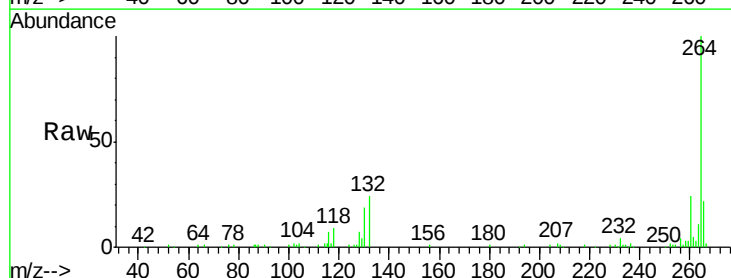


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

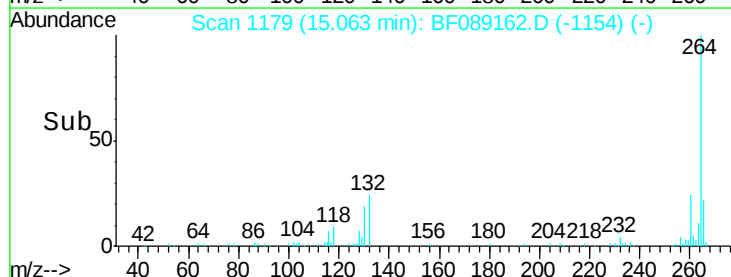
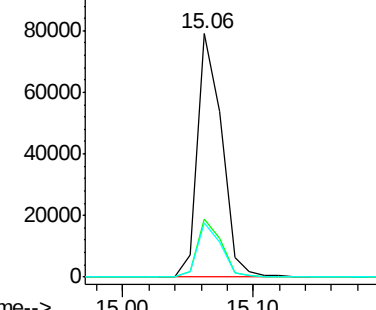


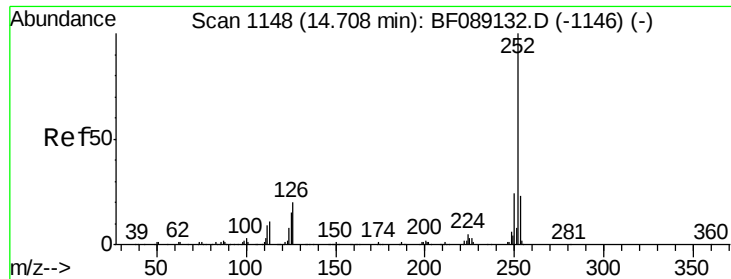
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089162.D
 Acq: 21 Jul 2016 6:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.2	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

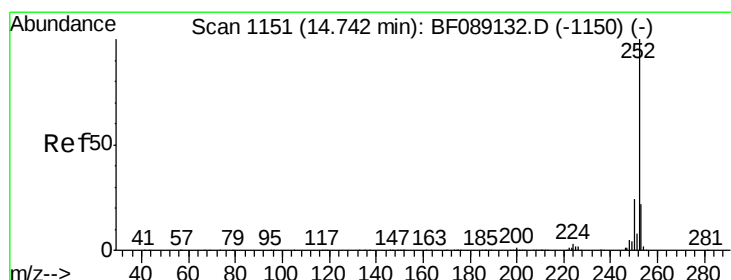
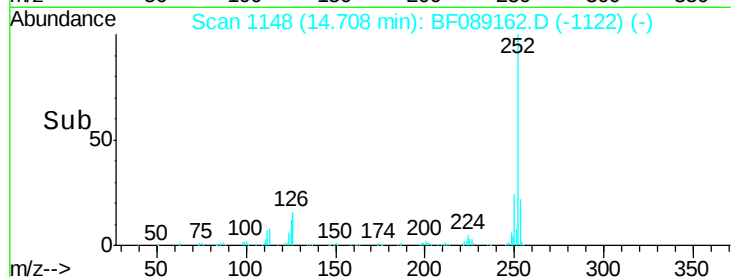
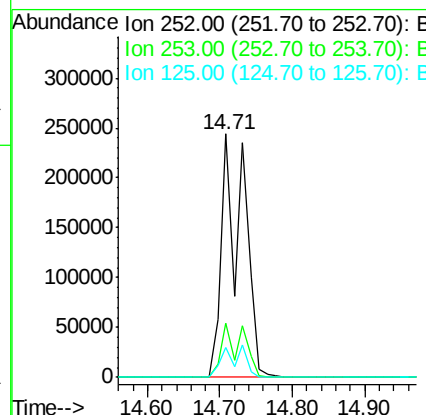
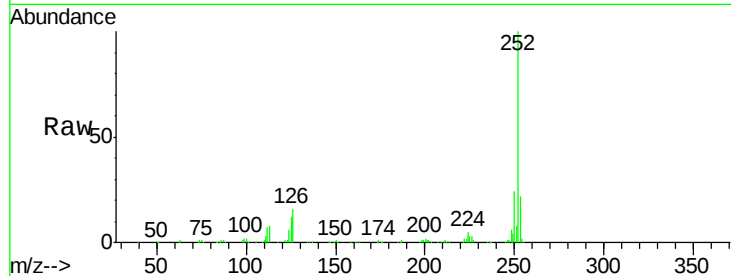




#87
Benzo(b)fluoranthene
Concen: 68.20 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

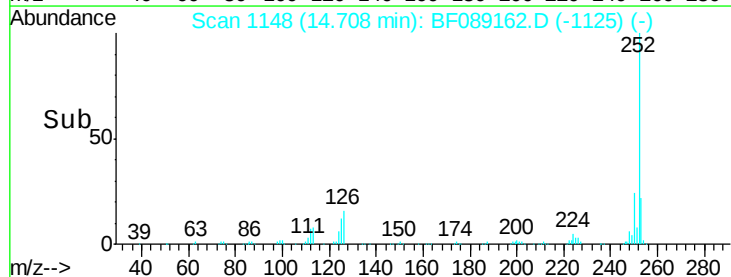
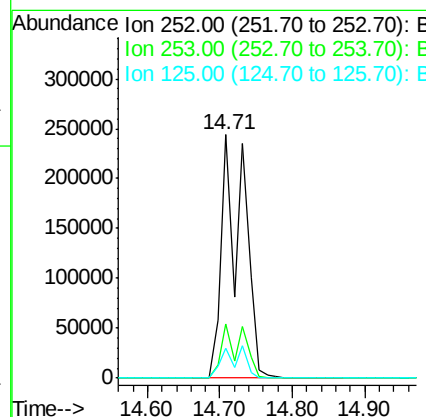
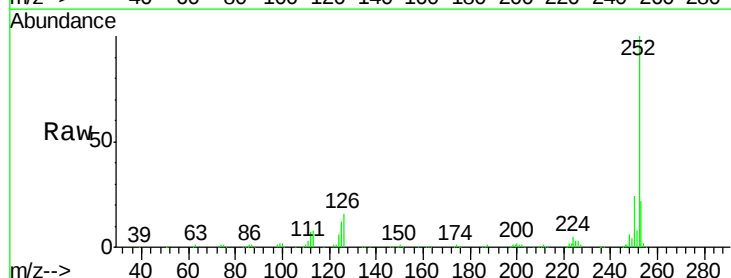
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

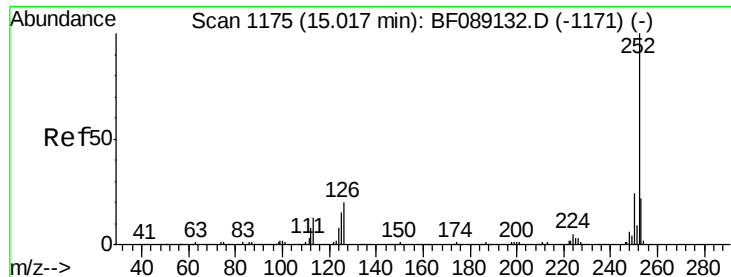
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.4	11.9	17.9



#88
Benzo(k)fluoranthene
Concen: 95.37 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF089162.D
Acq: 21 Jul 2016 6:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.4	6.3	9.5#





#89

Benzo(a)pyrene

Concen: 40.65 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

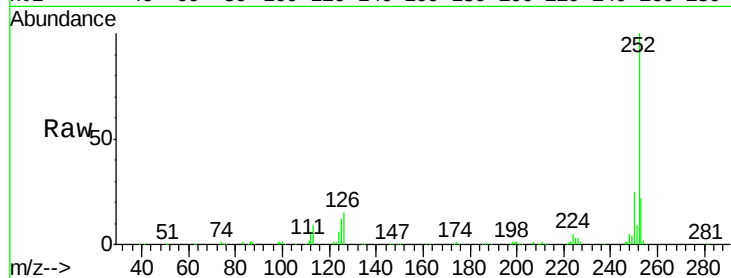
Tgt Ion:252 Resp: 233424

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

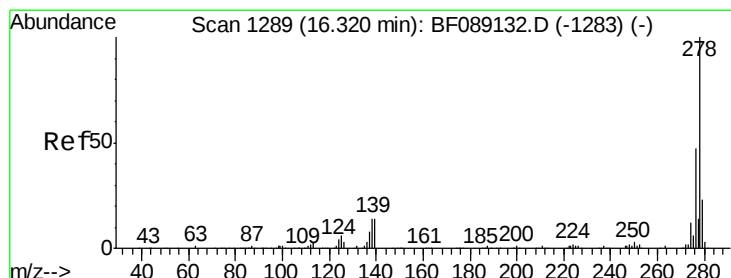
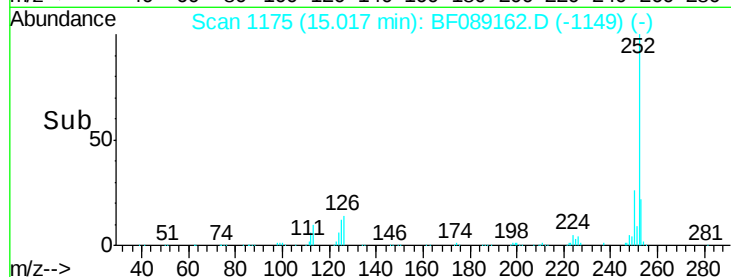
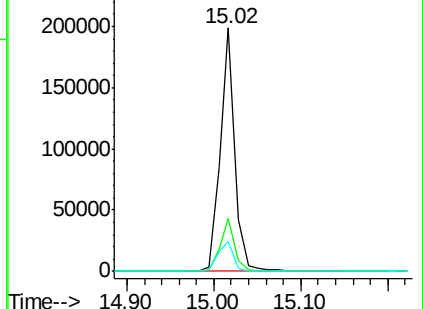
125 12.0 12.4 18.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.97 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

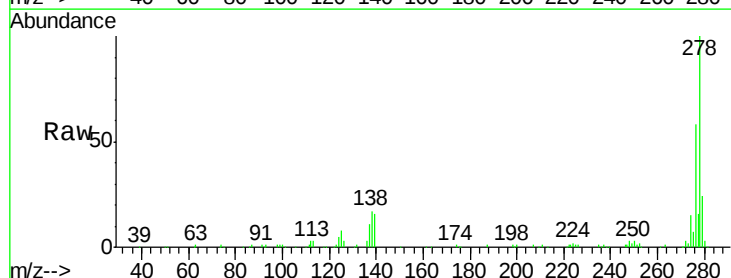
Tgt Ion:278 Resp: 194826

Ion Ratio Lower Upper

278 100

139 16.1 11.4 17.2

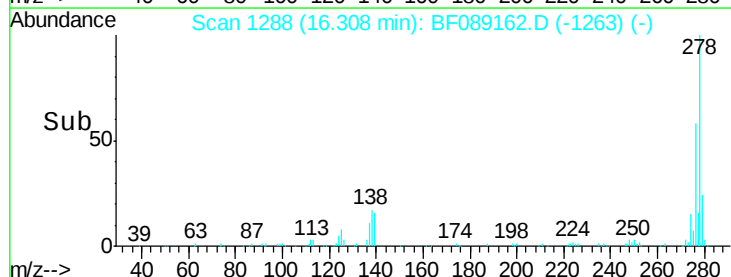
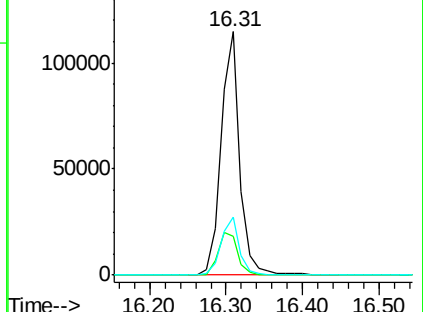
279 23.7 18.4 27.6

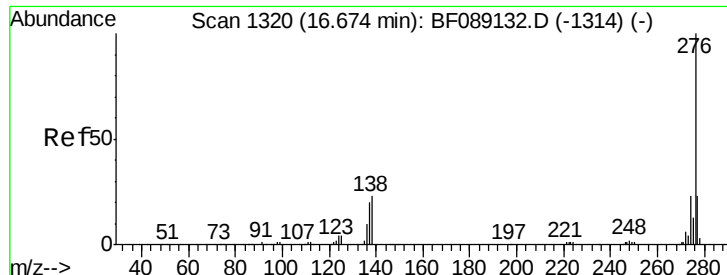


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.65 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089162.D

Acq: 21 Jul 2016 6:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

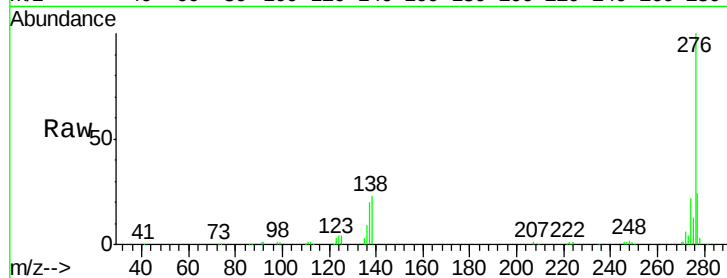
Tgt Ion: 276 Resp: 194968

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 23.0 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

