

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089160.D
 Acq On : 21 Jul 2016 5:19
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 21 07:41:38 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	47145	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	197808	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	97191	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	187125	20.00	ng	0.00
75) Chrysene-d12	13.73	240	133627	20.00	ng	0.00
86) Perylene-d12	15.06	264	101032	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	243371	78.51	ng	0.00
7) Phenol-d6	6.26	99	313871	78.52	ng	-0.01
23) Nitrobenzene-d5	7.18	82	294727	79.17	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	71208	81.38	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	567214	80.41	ng	0.00
78) Terphenyl-d14	12.69	244	469762	76.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	53503	39.75	ng	98
3) Pyridine	2.67	79	126354	36.95	ng	96
4) n-Nitrosodimethylamine	2.64	42	55831	38.79	ng	96
6) Aniline	6.26	93	205065	37.97	ng	95
8) 2-Chlorophenol	6.39	128	142062	41.30	ng	91
9) Benzaldehyde	6.15	77	81130	38.12	ng	99
10) Phenol	6.27	94	184627	40.09	ng	# 70
11) bis(2-Chloroethyl)ether	6.35	93	142204	41.11	ng	98
12) 1,3-Dichlorobenzene	6.54	146	146792	38.65	ng	97
13) 1,4-Dichlorobenzene	6.62	146	155800	40.73	ng	98
14) 1,2-Dichlorobenzene	6.78	146	140006	38.82	ng	98
15) Benzyl Alcohol	6.76	79	110040	37.59	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	152565	38.71	ng	# 72
17) 2-Methylphenol	6.88	107	102983	38.01	ng	98
18) Hexachloroethane	7.11	117	56744	39.46	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	98057	37.50	ng	# 88
20) 3+4-Methylphenols	7.04	107	143286	38.95	ng	# 87
22) Acetophenone	7.03	105	206526	39.10	ng	# 97
24) Nitrobenzene	7.20	77	152613	38.87	ng	99
25) Isophorone	7.44	82	267152	38.94	ng	98
26) 2-Nitrophenol	7.51	139	70687	38.60	ng	97
27) 2,4-Dimethylphenol	7.56	122	120617	39.09	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	178606	41.62	ng	100
29) 2,4-Dichlorophenol	7.76	162	112861	40.59	ng	96
30) 1,2,4-Trichlorobenzene	7.83	180	119950	38.97	ng	# 95
31) Naphthalene	7.91	128	411932	38.59	ng	100
32) Benzoic acid	7.71	122	84283	35.52	ng	93
33) 4-Chloroaniline	7.96	127	172535	38.43	ng	# 88
34) Hexachlorobutadiene	8.03	225	67417	39.35	ng	99
35) Caprolactam	8.35	113	34336	39.76	ng	# 85
36) 4-Chloro-3-methylphenol	8.47	107	134449	40.13	ng	93
37) 2-Methylnaphthalene	8.60	142	254308	37.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	136105	37.68	ng	98
40) Hexachlorocyclopentadiene	8.75	237	37729	36.35	ng	99

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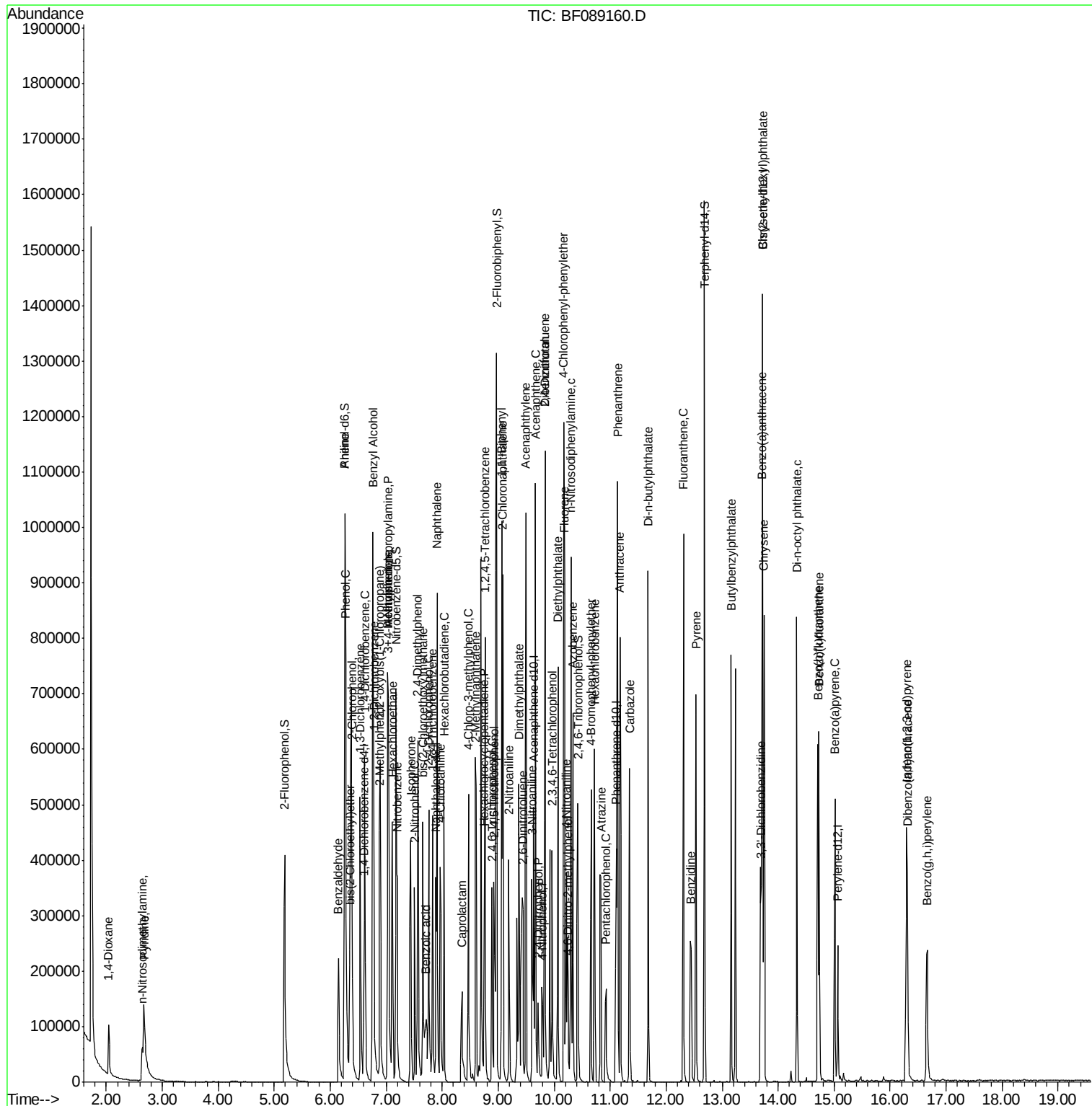
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	73704	36.45	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	79343	39.09	ng	# 83
45) 1,1'-Biphenyl	9.06	154	323359	36.94	ng	99
46) 2-Chloronaphthalene	9.08	162	258746	38.90	ng	98
47) 2-Nitroaniline	9.19	65	83686	36.68	ng	97
48) Acenaphthylene	9.50	152	426052	40.74	ng	99
49) Dimethylphthalate	9.37	163	279180	37.43	ng	98
50) 2,6-Dinitrotoluene	9.44	165	64725	38.44	ng	90
51) Acenaphthene	9.67	154	248277	40.14	ng	99
52) 3-Nitroaniline	9.60	138	72385	36.20	ng	# 71
53) 2,4-Dinitrophenol	9.71	184	22878	32.33	ng	91
54) Dibenzofuran	9.84	168	334554	40.03	ng	96
55) 4-Nitrophenol	9.79	139	40859	33.77	ng	94
56) 2,4-Dinitrotoluene	9.84	165	87091	40.15	ng	# 83
57) Fluorene	10.18	166	277548	39.12	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61692	42.32	ng	96
59) Diethylphthalate	10.07	149	297166	40.18	ng	99
60) 4-Chlorophenyl-phenylether	10.17	204	116746	36.04	ng	# 69
61) 4-Nitroaniline	10.22	138	76500	39.32	ng	99
62) Azobenzene	10.33	77	307937	38.31	ng	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	39661	36.41	ng	97
65) n-Nitrosodiphenylamine	10.30	169	243643	38.96	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	76855	41.50	ng	# 89
67) Hexachlorobenzene	10.72	284	71623	35.96	ng	# 60
68) Atrazine	10.83	200	78665	40.22	ng	95
69) Pentachlorophenol	10.92	266	32500	35.37	ng	100
70) Phenanthrene	11.13	178	417105	40.63	ng	100
71) Anthracene	11.18	178	395565	37.07	ng	99
72) Carbazole	11.35	167	367746	39.24	ng	98
73) Di-n-butylphthalate	11.68	149	456426	39.38	ng	100
74) Fluoranthene	12.31	202	438793	40.67	ng	96
76) Benzidine	12.45	184	155155	33.77	ng	99
77) Pyrene	12.54	202	442034	40.06	ng	98
79) Butylbenzylphthalate	13.17	149	200810	43.02	ng	89
80) Benzo(a)anthracene	13.71	228	331930	39.00	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	108812	38.54	ng	# 95
82) Chrysene	13.75	228	274576	33.78	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	249636	40.32	ng	# 98
84) Di-n-octyl phthalate	14.33	149	391752	38.34	ng	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	223439	37.84	ng	99
87) Benzo(b)fluoranthene	14.71	252	264047m	36.08	ng	
88) Benzo(k)fluoranthene	14.73	252	231031m	44.15	ng	
89) Benzo(a)pyrene	15.02	252	230515	40.58	ng	# 96
90) Dibenzo(a,h)anthracene	16.31	278	192585	42.94	ng	98
91) Benzo(g,h,i)perylene	16.66	276	194356	42.98	ng	99

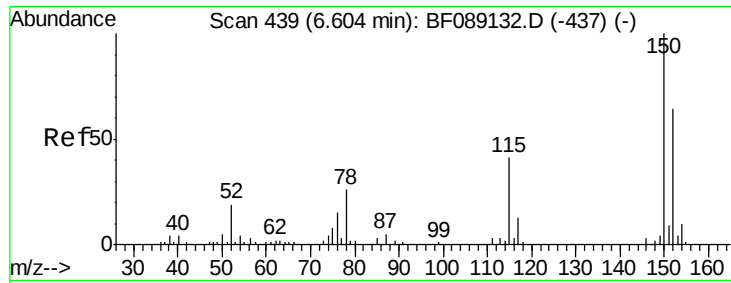
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

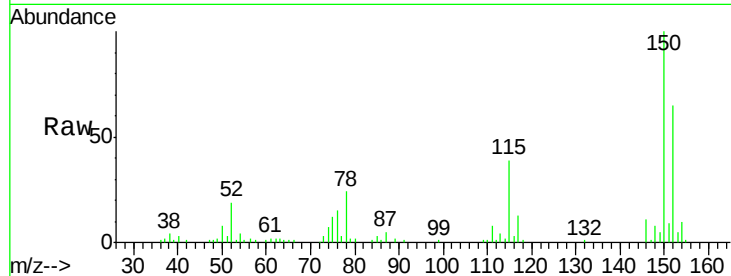
Tgt Ion:152 Resp: 47145

Ion Ratio Lower Upper

152 100

150 155.0 125.1 187.7

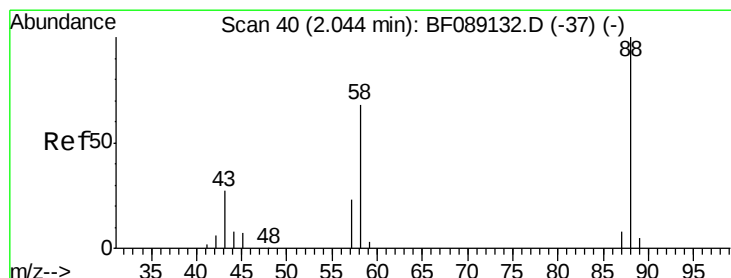
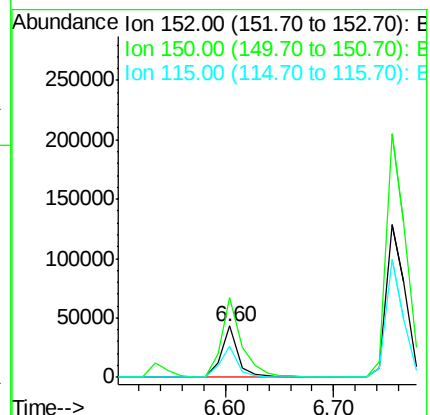
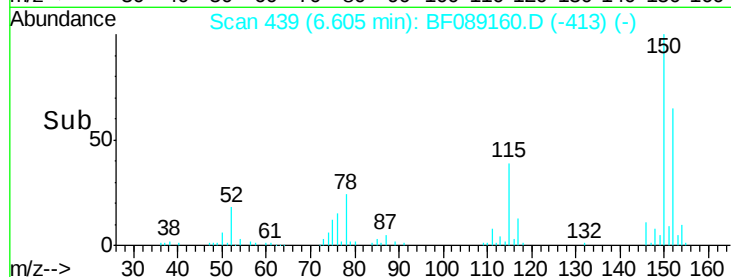
115 60.3 51.1 76.7



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: 39.75 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

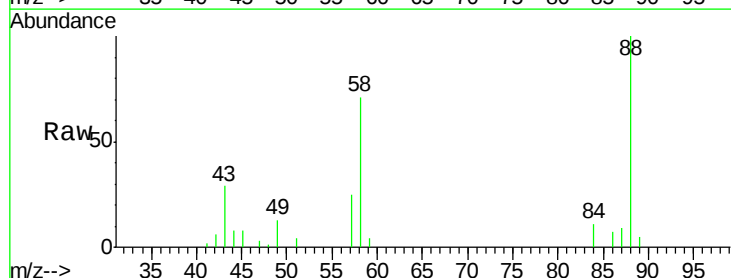
Tgt Ion: 88 Resp: 53503

Ion Ratio Lower Upper

88 100

58 63.8 49.2 73.8

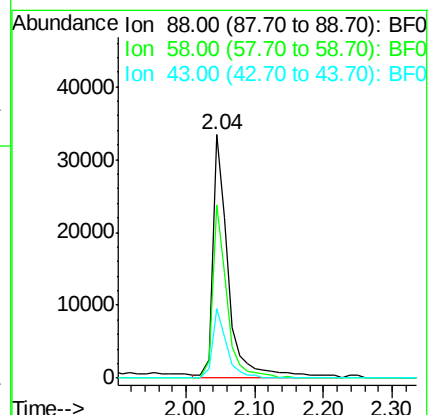
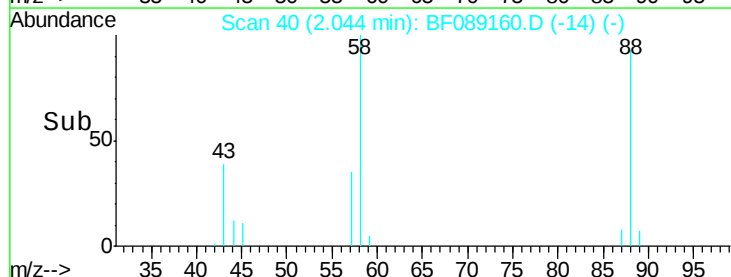
43 25.7 20.6 30.8

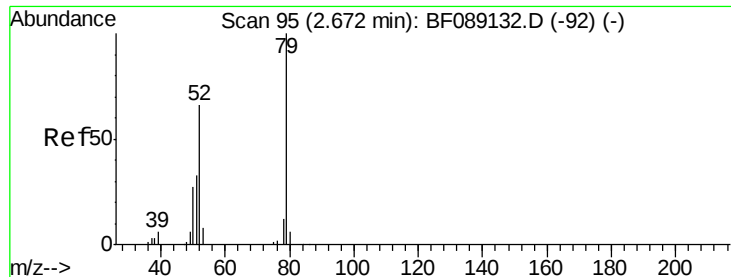


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

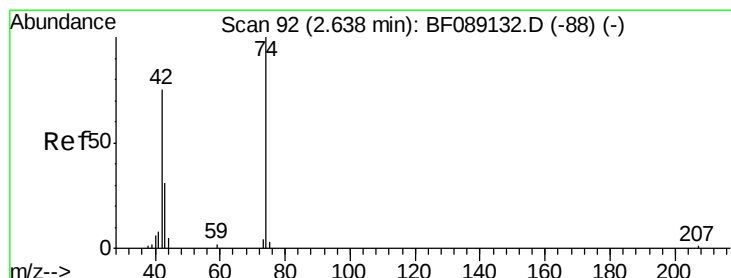
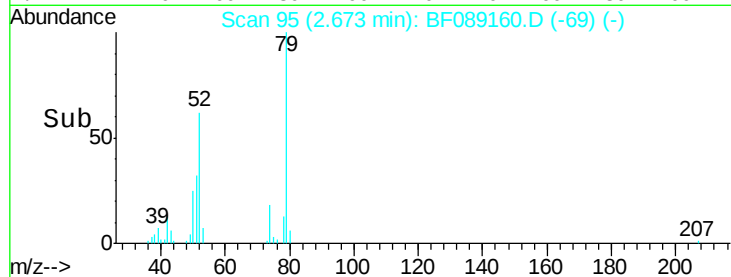
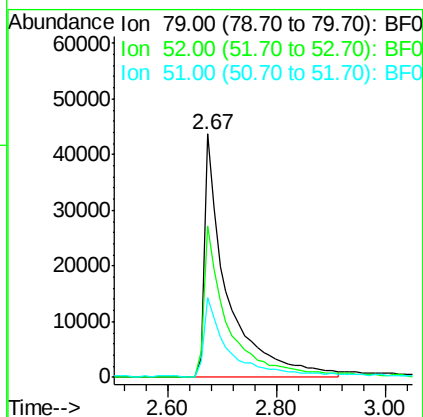
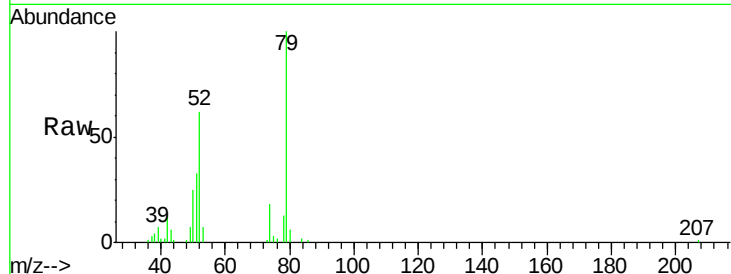




#3
 Pyridine
 Concen: 36.95 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

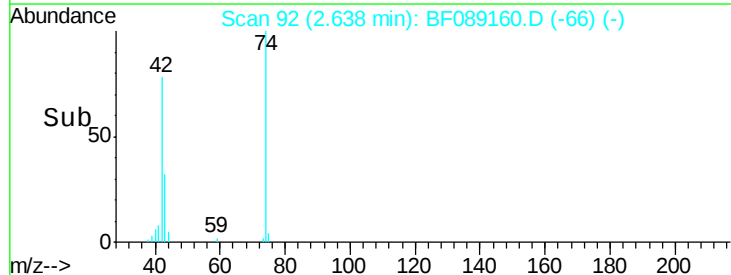
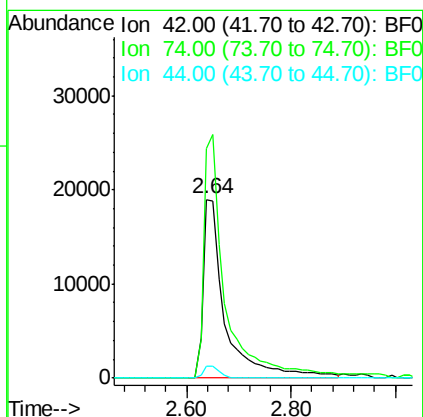
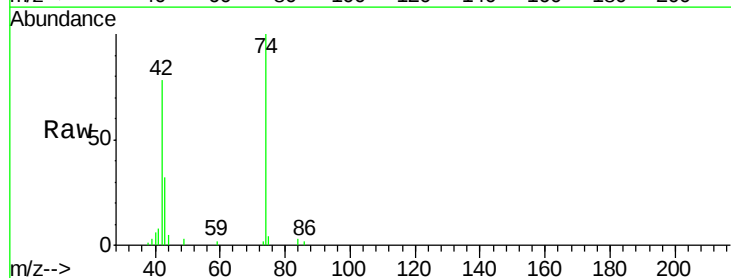
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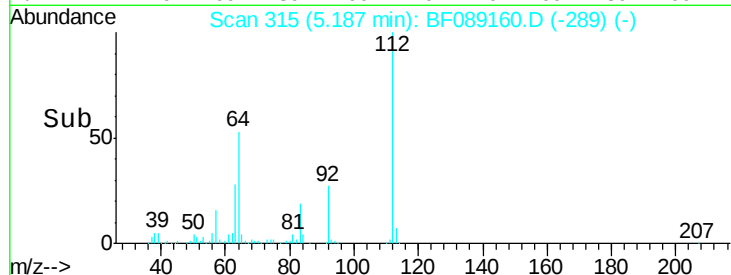
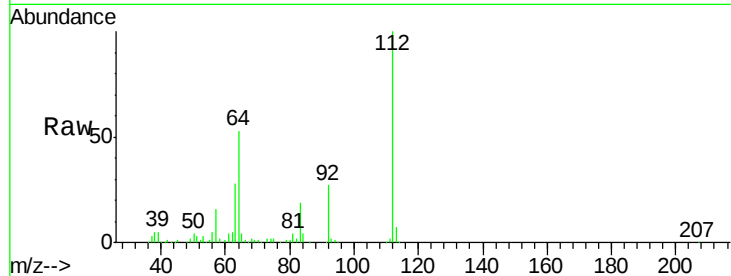
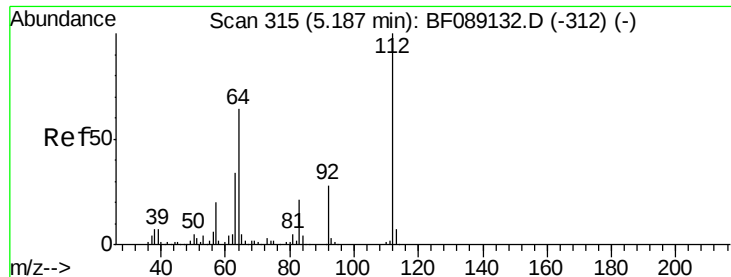
Tgt Ion: 79 Resp: 126354
 Ion Ratio Lower Upper
 79 100
 52 62.1 52.9 79.3
 51 33.0 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 38.79 ng
 RT: 2.64 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion: 42 Resp: 55831
 Ion Ratio Lower Upper
 42 100
 74 128.2 106.4 159.6
 44 6.4 5.2 7.8

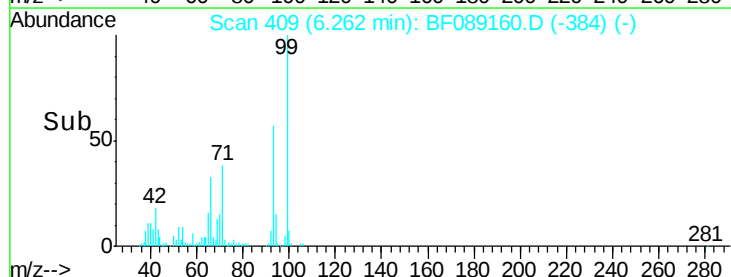
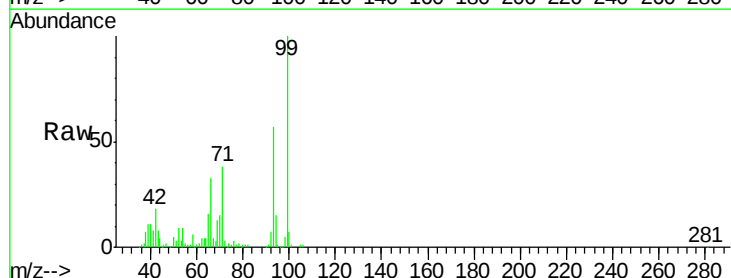
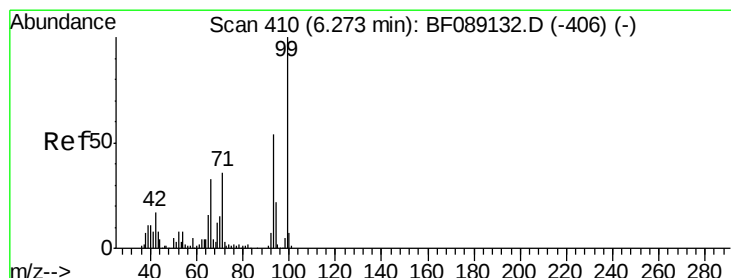
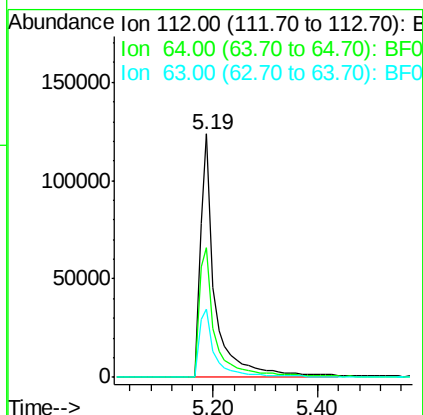




#5
2-Fluorophenol
Concen: 78.51 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

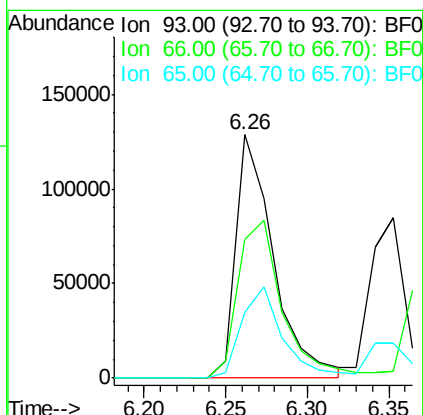
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

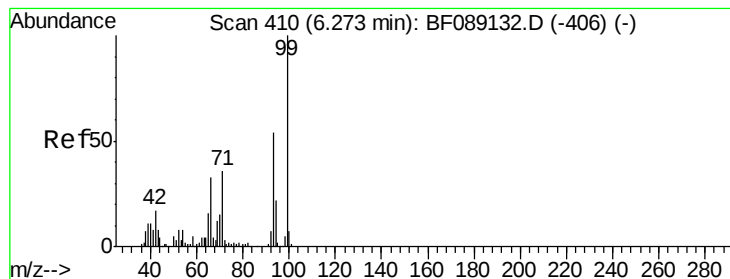
Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	51.0	76.4
63	27.9	27.3	40.9



#6
Aniline
Concen: 37.97 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion	Ratio	Lower	Upper
93	100		
66	57.2	48.9	73.3
65	27.1	23.9	35.9





#7

Phenol-d6

Concen: 78.52 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

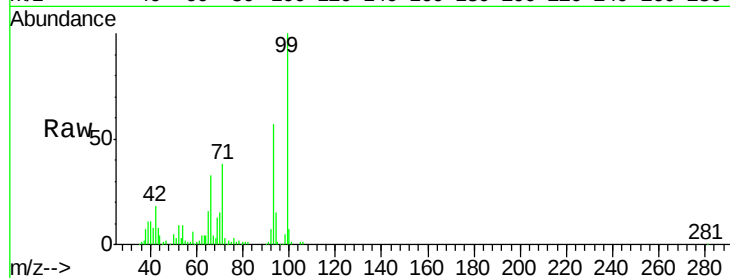
Tgt Ion: 99 Resp: 313871

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

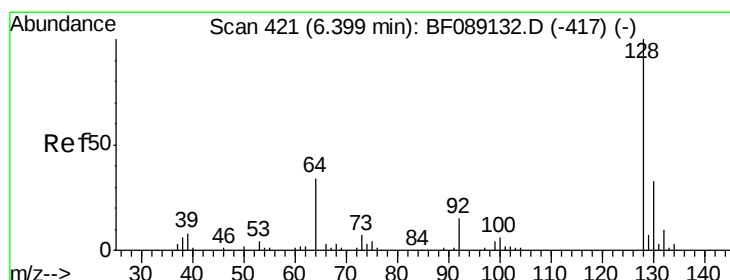
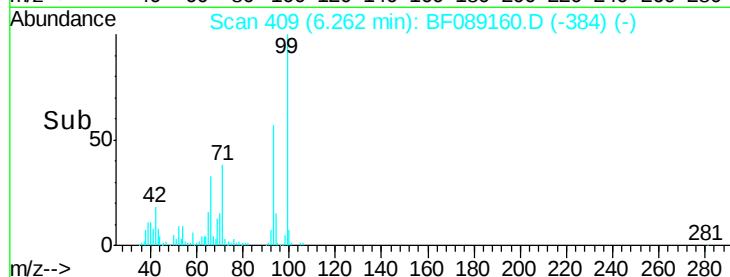
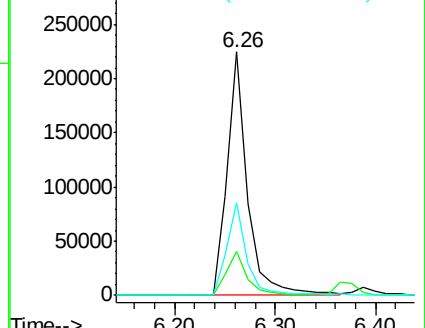
71 37.8 28.9 43.3



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: 41.30 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

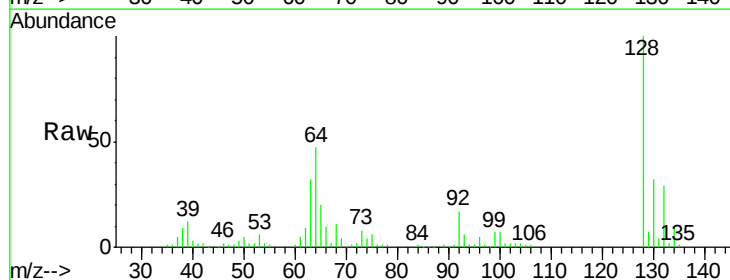
Tgt Ion: 128 Resp: 142062

Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

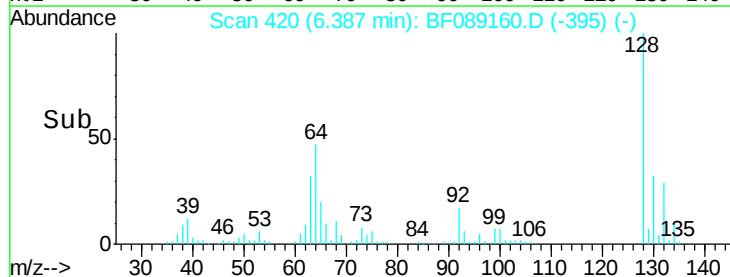
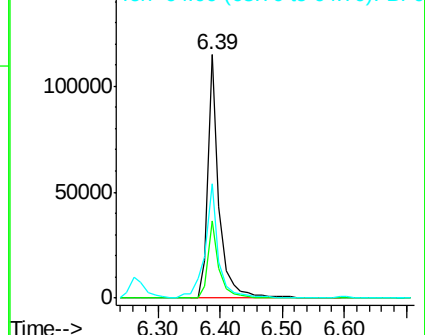
64 47.0 17.5 57.5

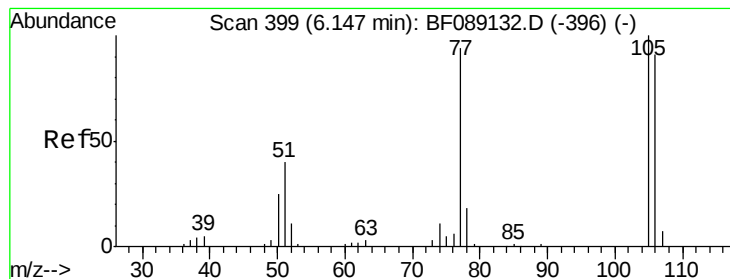


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.12 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

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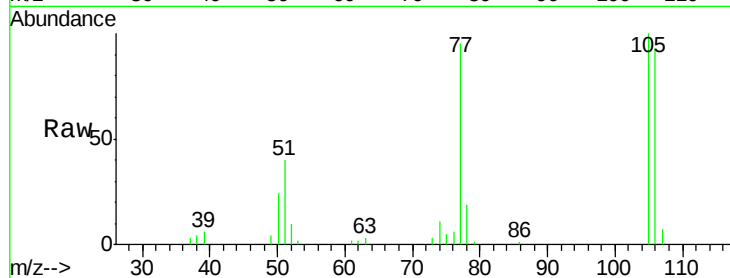
Tgt Ion: 77 Resp: 81130

Ion Ratio Lower Upper

77 100

105 104.9 86.2 126.2

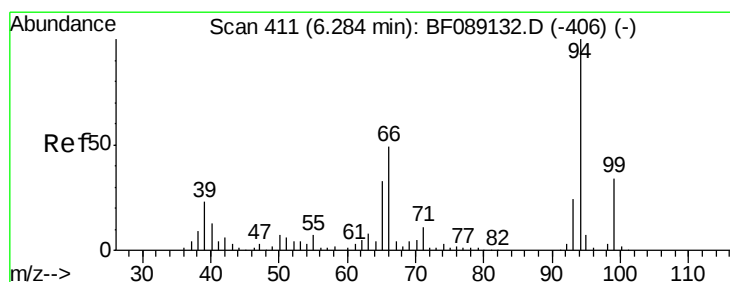
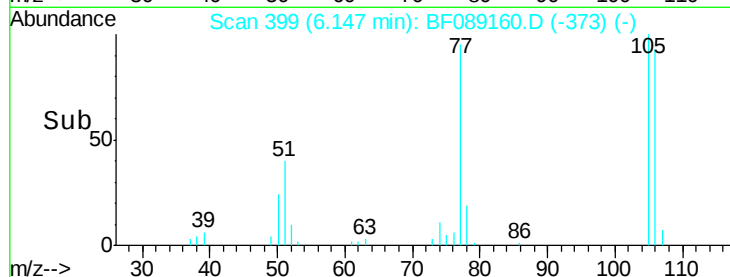
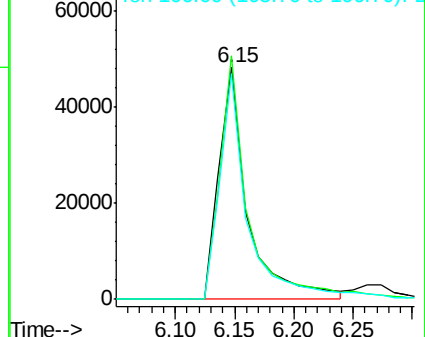
106 97.5 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.09 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

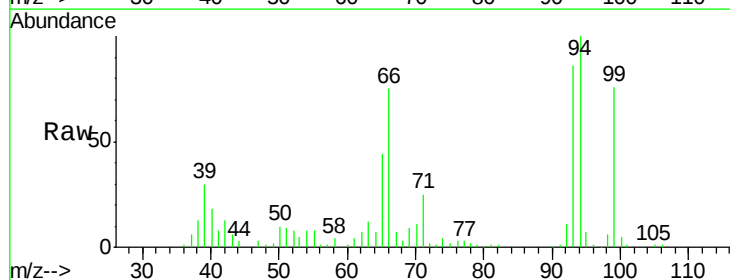
Tgt Ion: 94 Resp: 184627

Ion Ratio Lower Upper

94 100

65 43.7 13.3 53.3

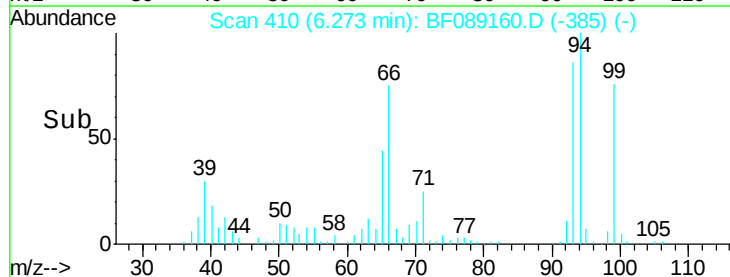
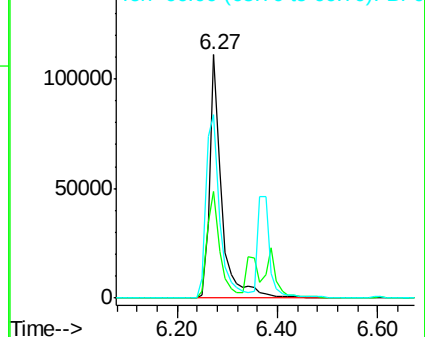
66 75.3 29.3 69.3#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

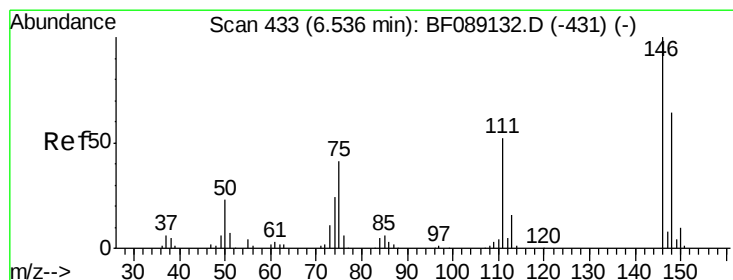
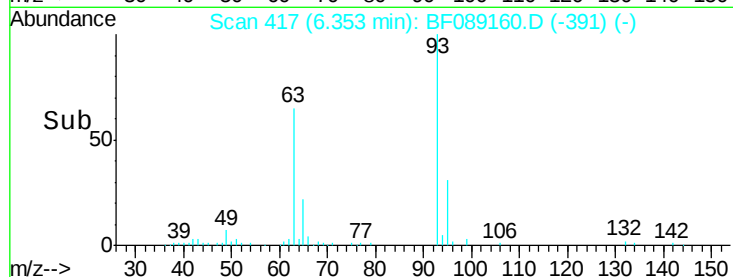
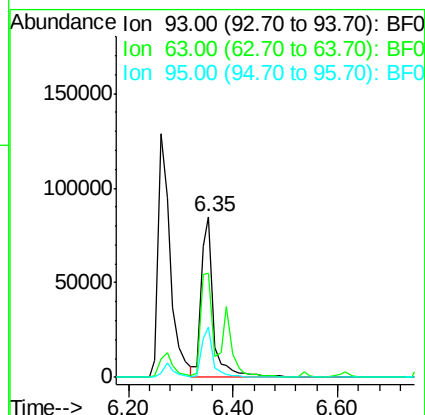
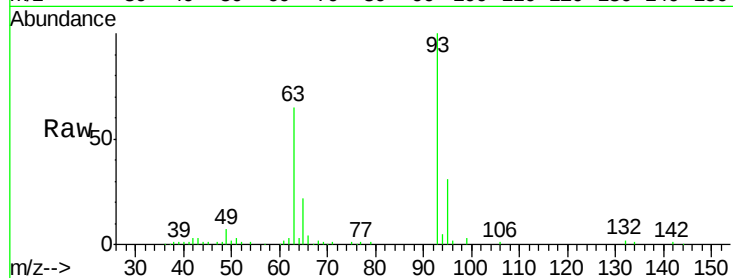




#11
bis(2-Chloroethyl)ether
Concen: 41.11 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

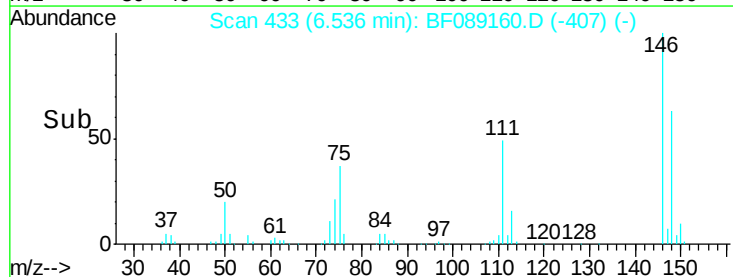
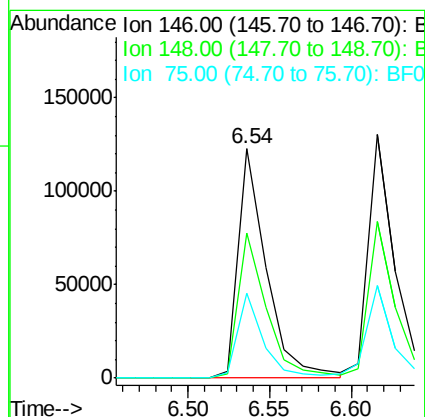
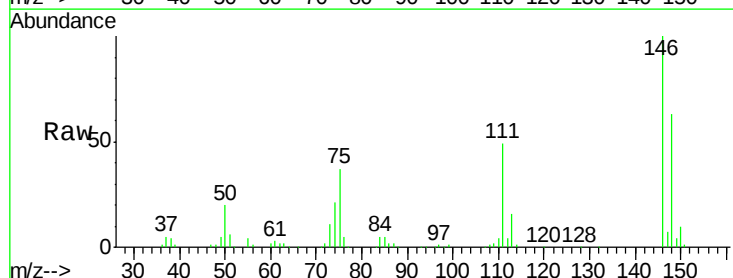
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

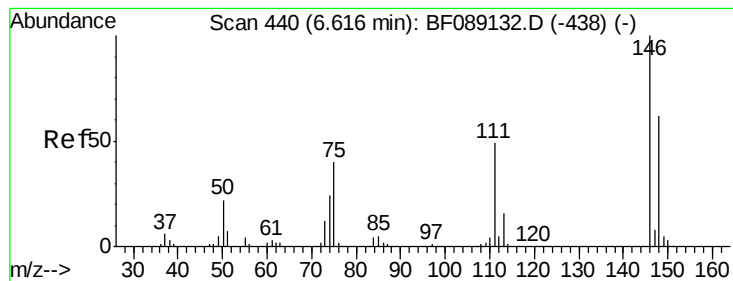
Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.1	47.3	87.3
95	31.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.65 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
75	37.1	32.5	48.7





#13

1,4-Dichlorobenzene

Concen: 40.73 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

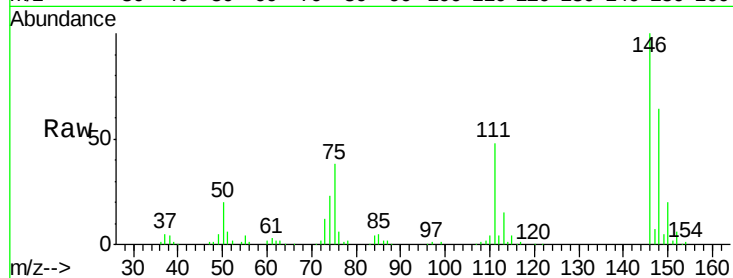
Tgt Ion:146 Resp: 155800

Ion Ratio Lower Upper

146 100

148 64.2 49.9 74.9

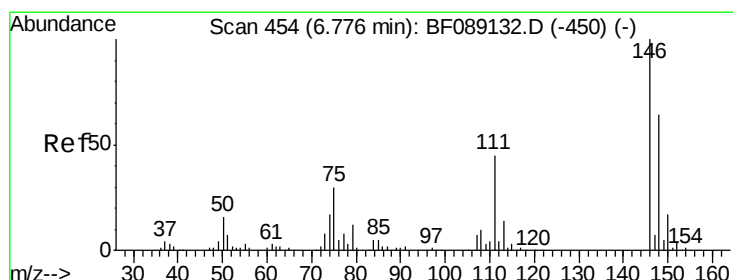
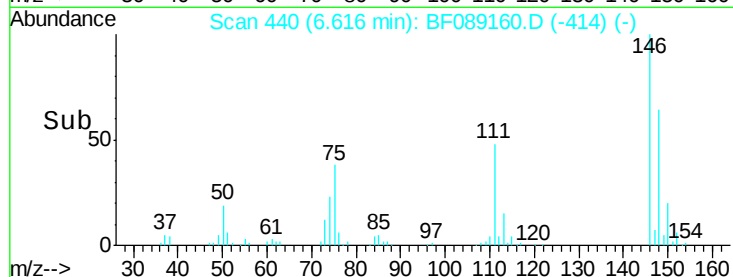
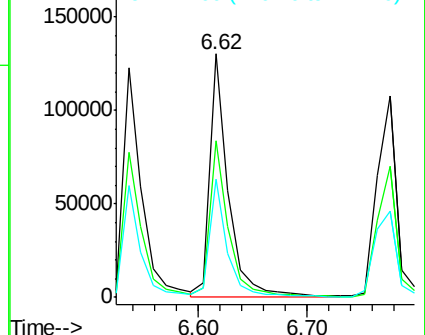
111 48.5 39.8 59.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.82 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

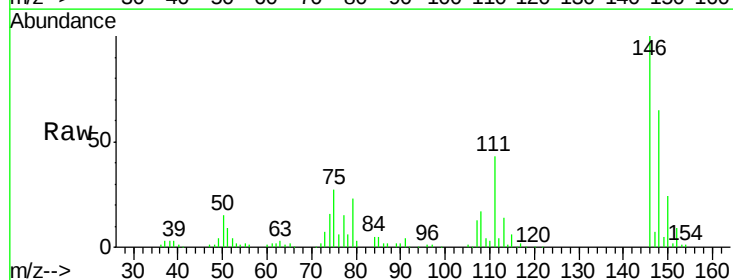
Tgt Ion:146 Resp: 140006

Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.0

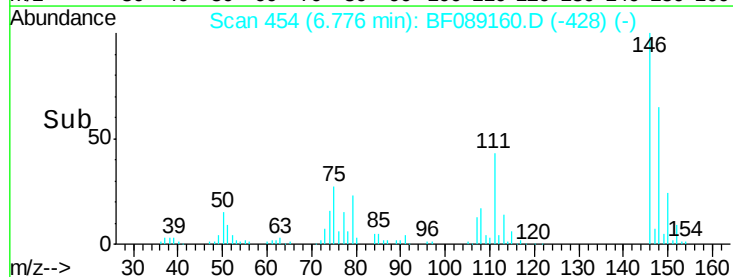
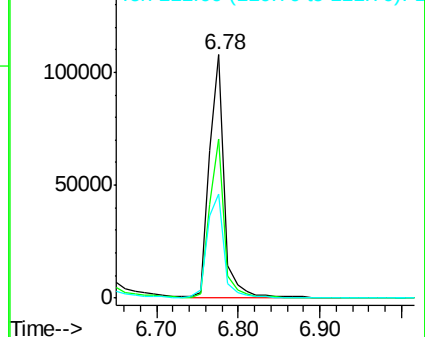
111 42.5 35.9 53.9

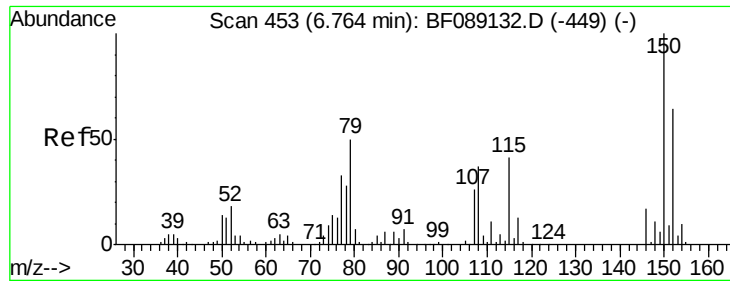


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

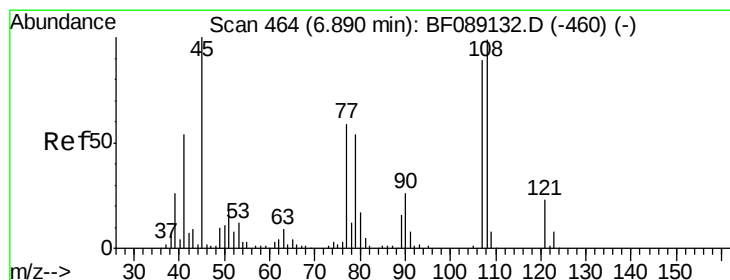
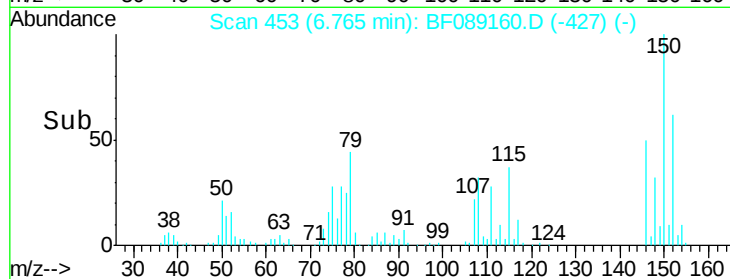
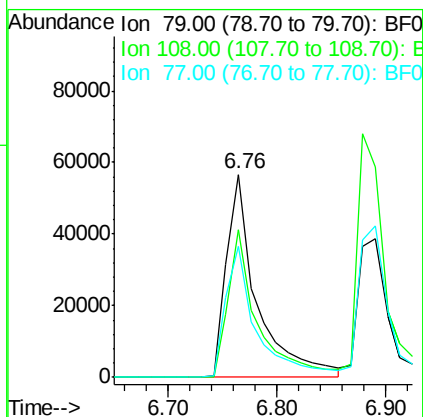
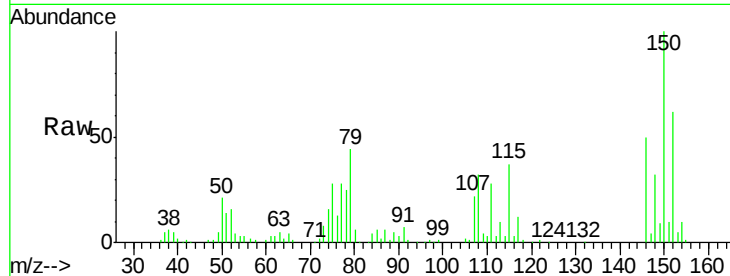




#15
Benzyl Alcohol
Concen: 37.59 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

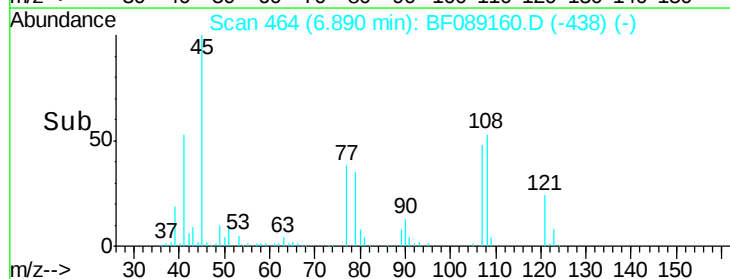
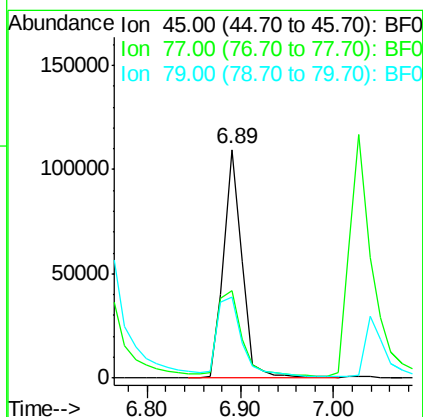
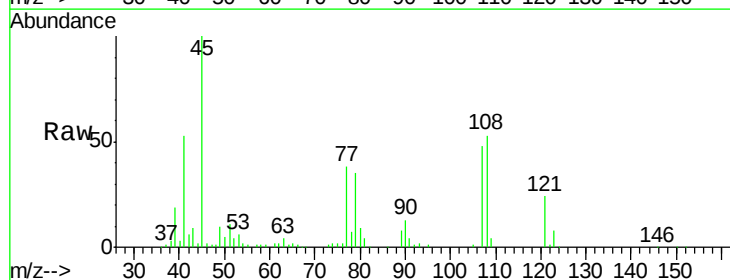
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

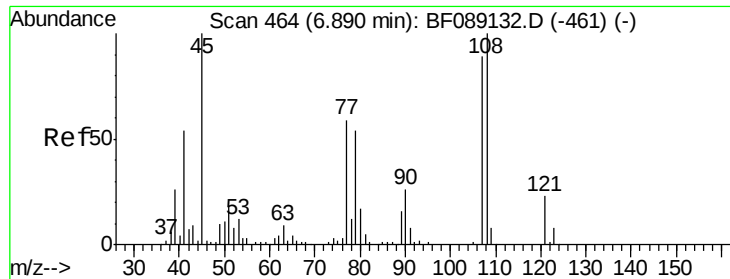
Tgt Ion: 79 Resp: 110040
Ion Ratio Lower Upper
79 100
108 73.1 58.2 87.4
77 64.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.71 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion: 45 Resp: 152565
Ion Ratio Lower Upper
45 100
77 38.4 39.7 79.7#
79 35.3 34.7 74.7

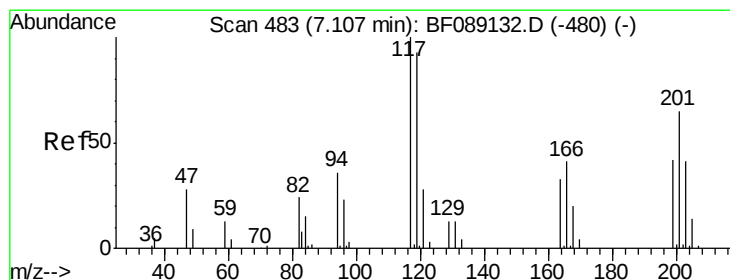
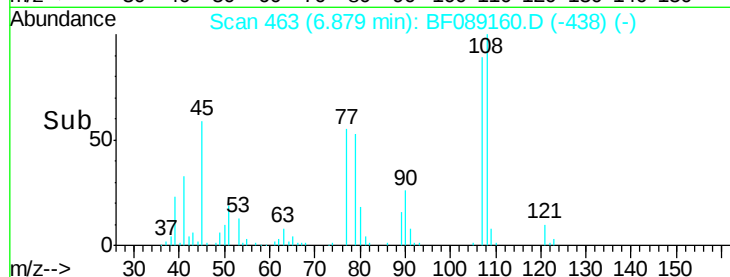
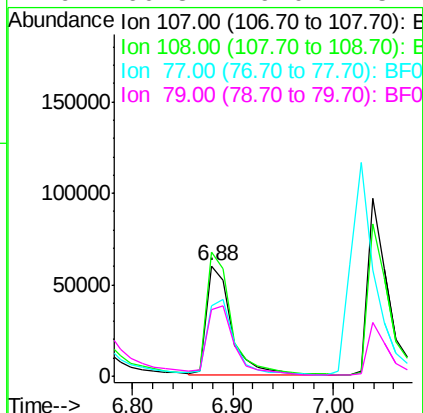
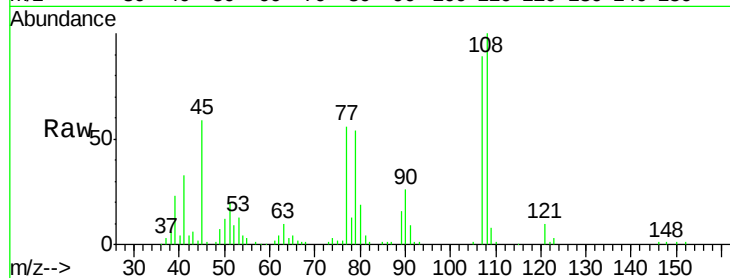




#17
2-Methylphenol
Concen: 38.01 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

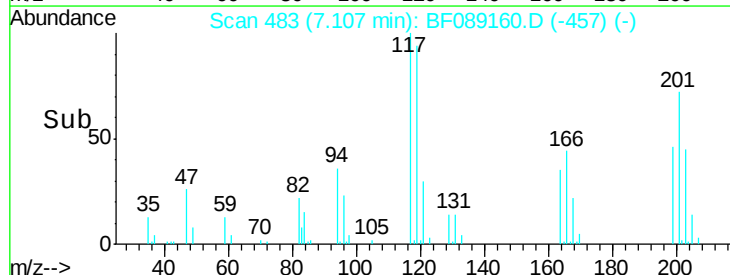
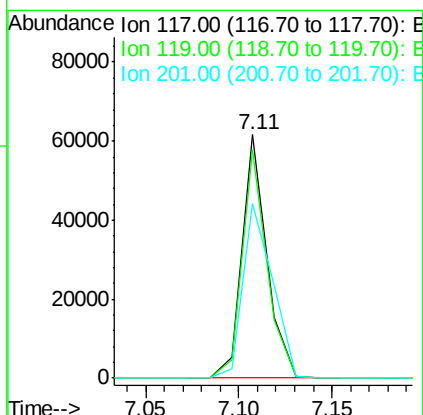
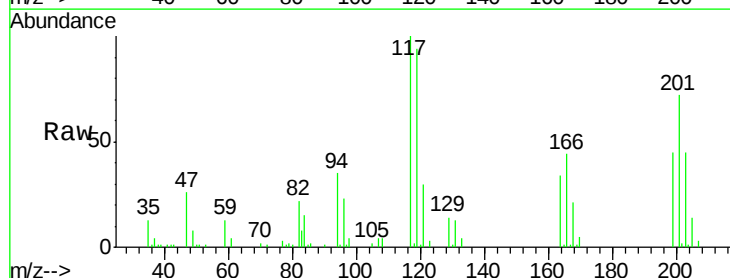
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

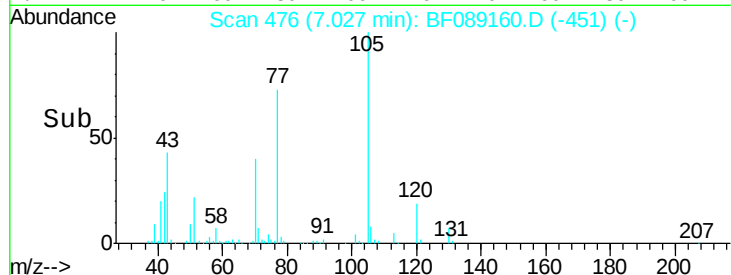
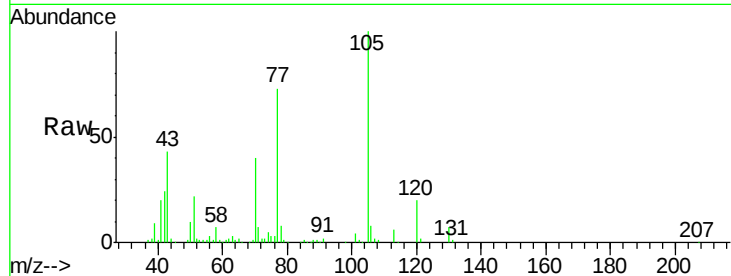
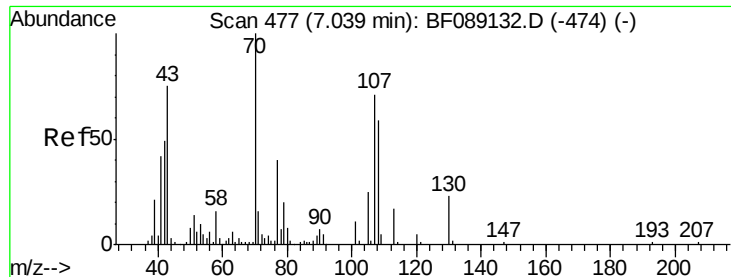
Tgt Ion:107 Resp: 102983
Ion Ratio Lower Upper
107 100
108 112.7 89.4 134.2
77 63.6 53.4 80.0
79 60.8 49.0 73.4



#18
Hexachloroethane
Concen: 39.46 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion:117 Resp: 56744
Ion Ratio Lower Upper
117 100
119 94.0 74.5 111.7
201 71.7 51.8 77.6

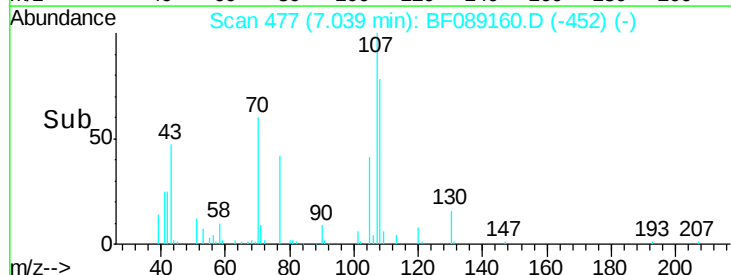
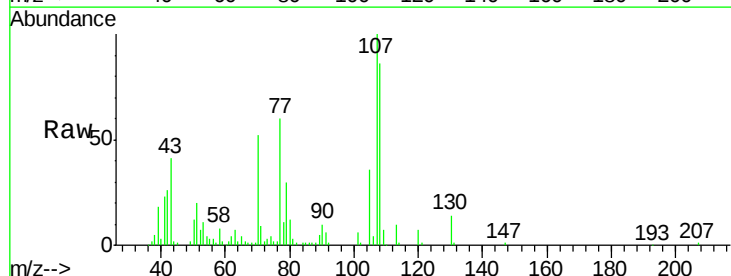
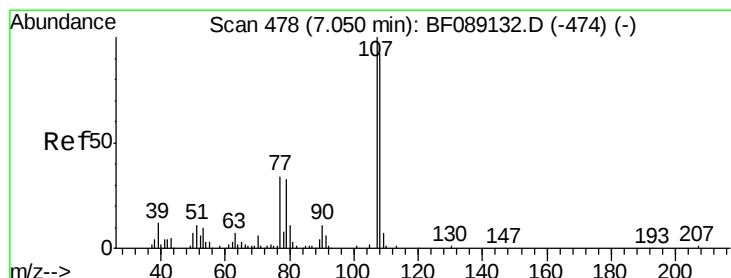
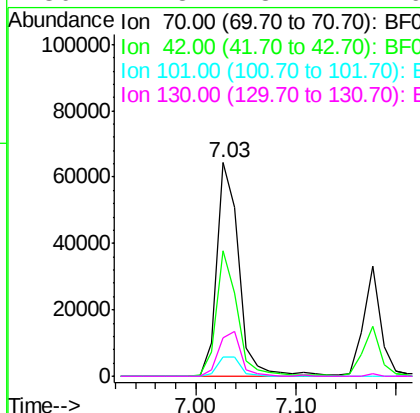




#19
n-Nitroso-di-n-propylamine
Concen: 37.50 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

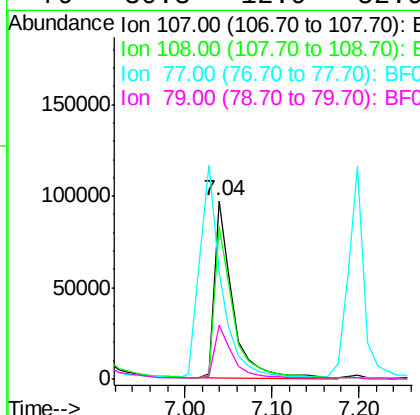
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

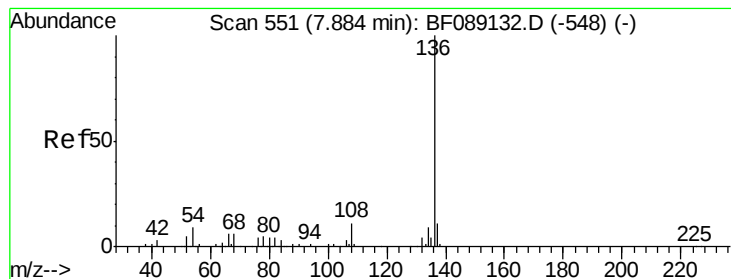
Tgt Ion: 70 Resp: 98057
Ion Ratio Lower Upper
70 100
42 59.0 39.2 58.8#
101 9.2 8.5 12.7
130 17.8 18.4 27.6#



#20
3+4-Methylphenols
Concen: 38.95 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion: 107 Resp: 143286
Ion Ratio Lower Upper
107 100
108 85.9 72.5 112.5
77 59.7 17.7 57.7#
79 30.3 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: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 197808

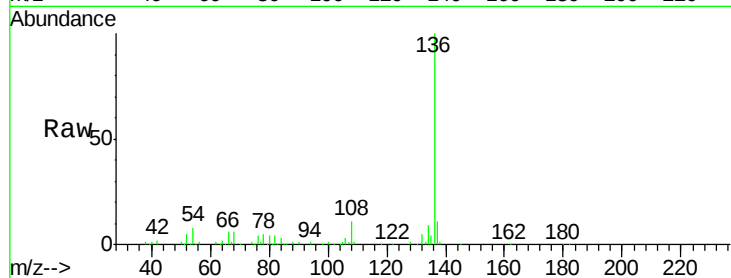
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.2 7.0 10.4

68 6.2 5.0 7.6

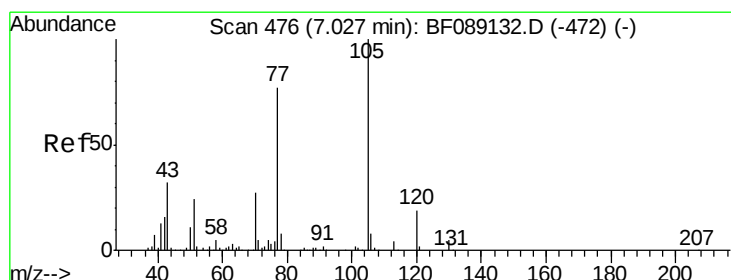
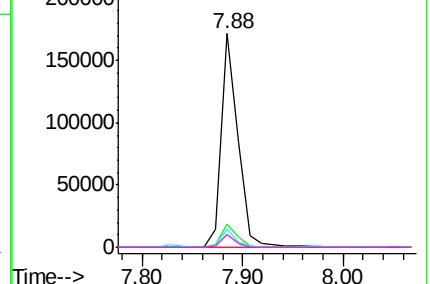
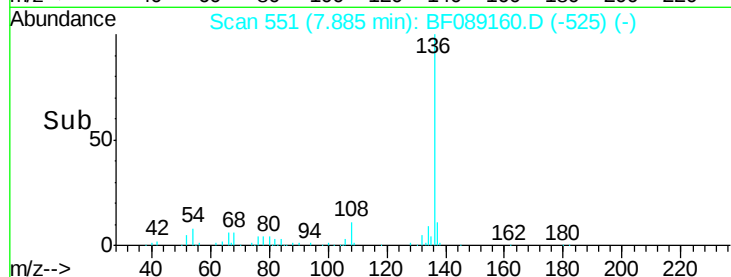


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.10 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Tgt Ion:105 Resp: 206526

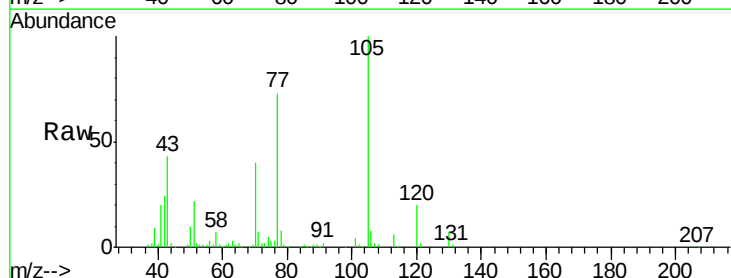
Ion Ratio Lower Upper

105 100

71 6.9 3.8 5.6#

51 22.3 19.6 29.4

120 19.5 15.5 23.3

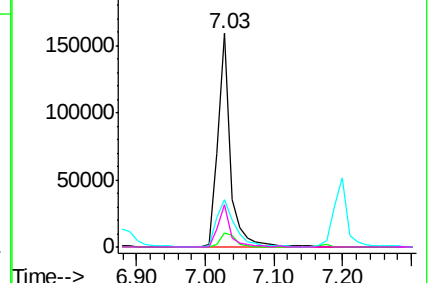
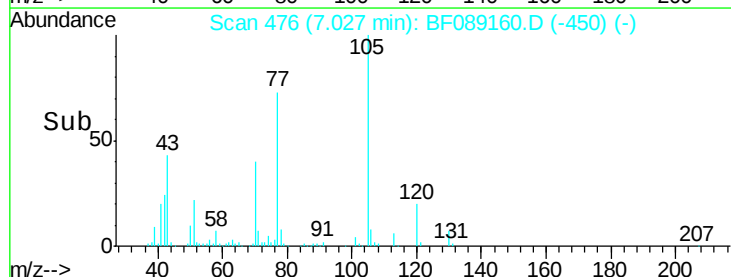


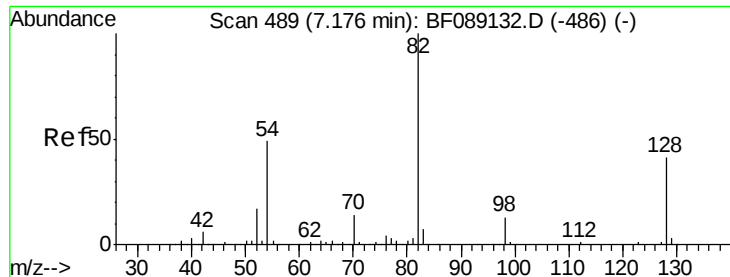
Abundance Ion 105.00 (104.70 to 105.70): E

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

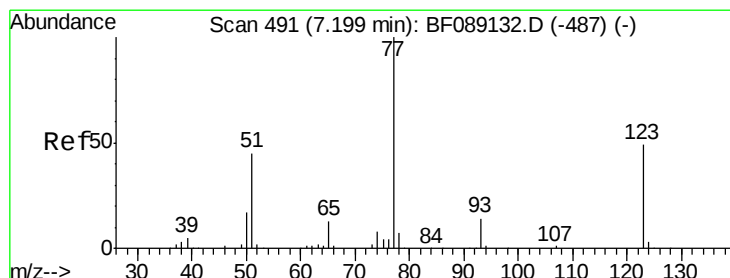
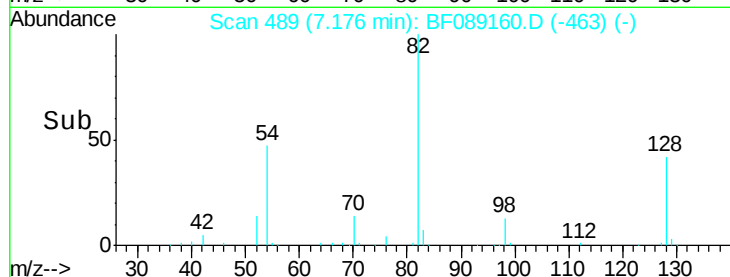
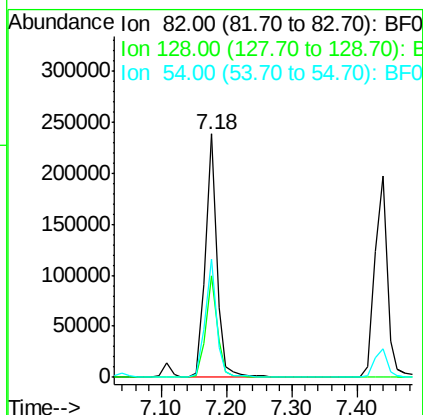
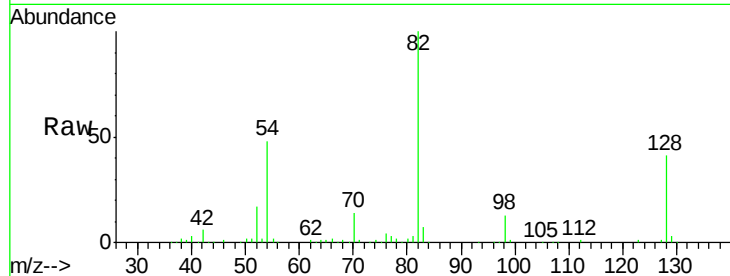




#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

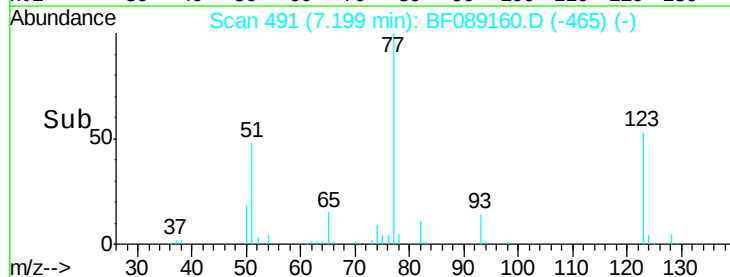
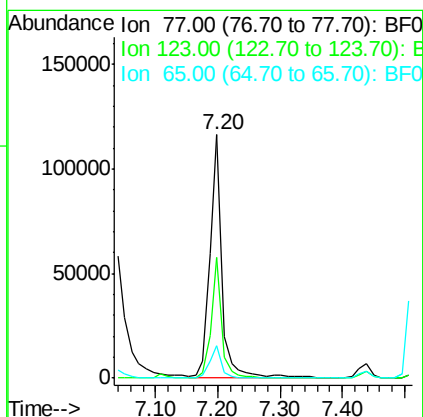
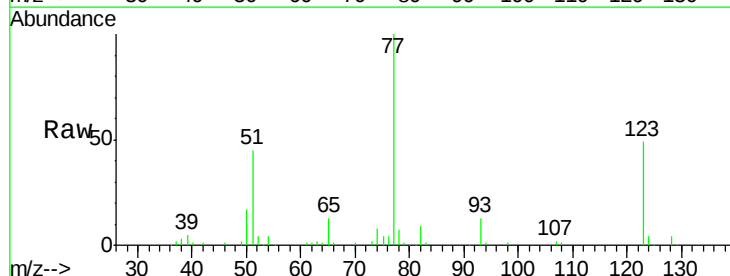
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.6
54	48.4	39.0	58.4



#24
 Nitrobenzene
 Concen: 38.87 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	38.9	58.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 38.94 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

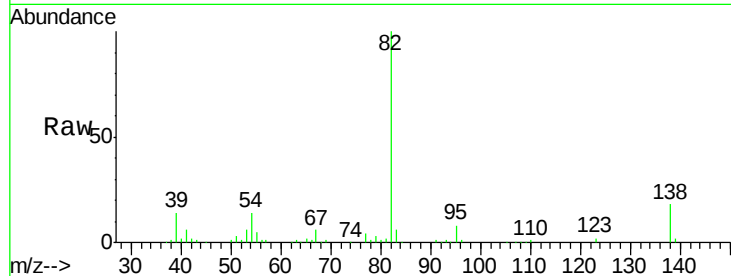
Tgt Ion: 82 Resp: 267152

Ion Ratio Lower Upper

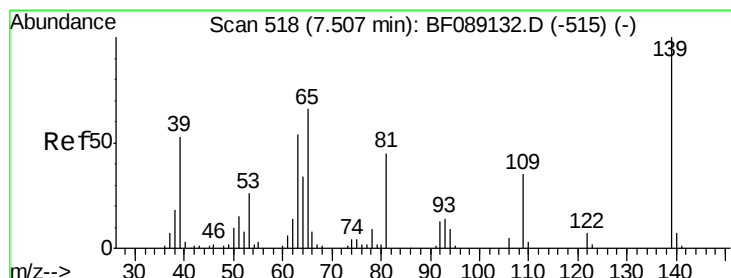
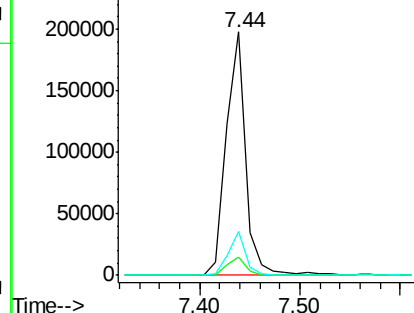
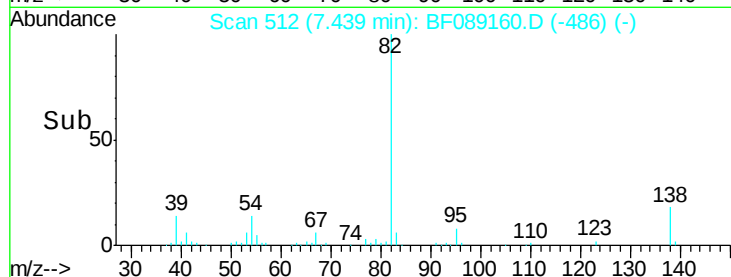
82 100

95 7.8 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: 38.60 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

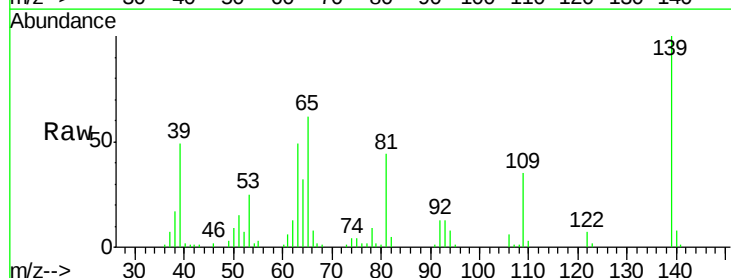
Tgt Ion: 139 Resp: 70687

Ion Ratio Lower Upper

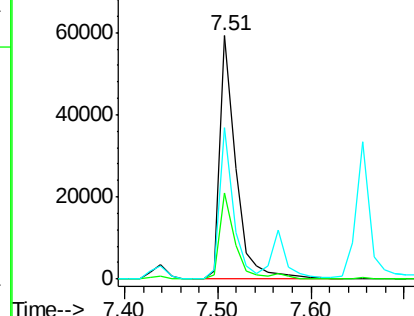
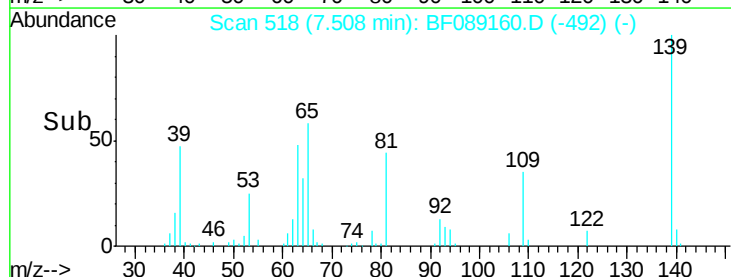
139 100

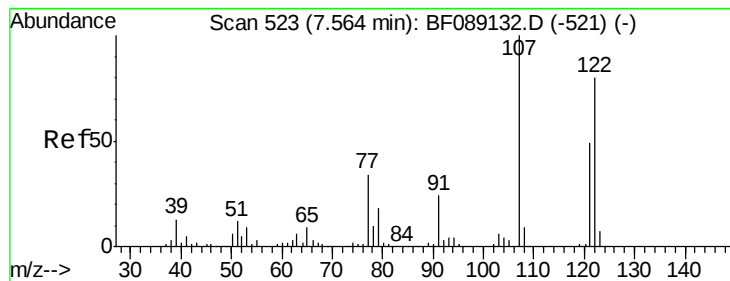
109 35.4 28.1 42.1

65 62.3 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: 39.09 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

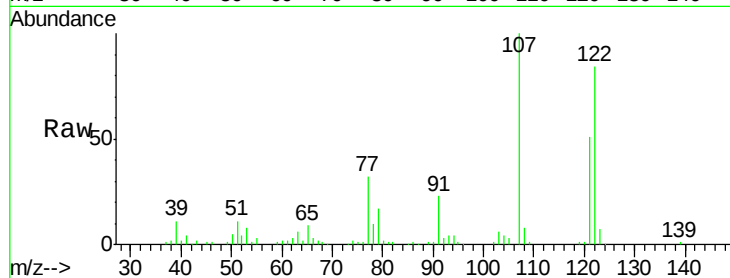
Tgt Ion:122 Resp: 120617

Ion Ratio Lower Upper

122 100

107 118.4 99.7 149.5

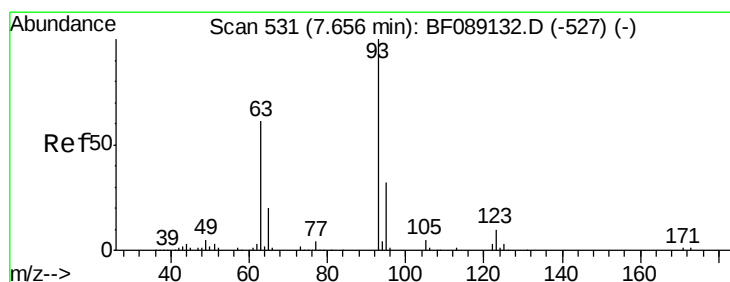
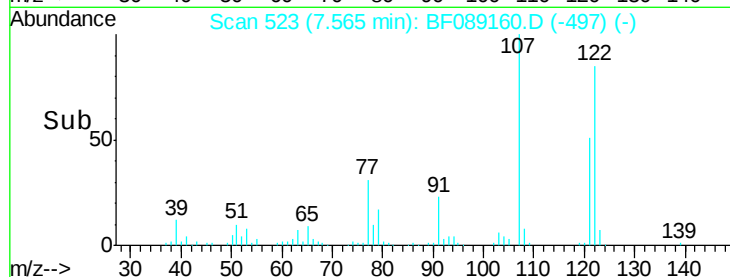
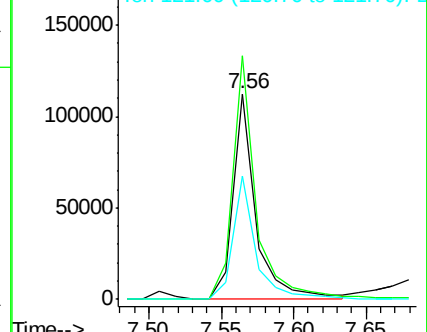
121 60.1 48.5 72.7



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: 41.62 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

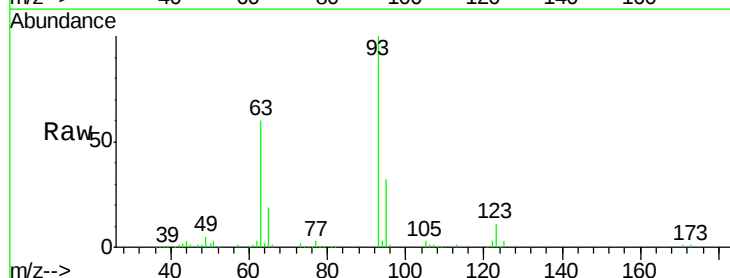
Tgt Ion: 93 Resp: 178606

Ion Ratio Lower Upper

93 100

95 31.7 25.4 38.0

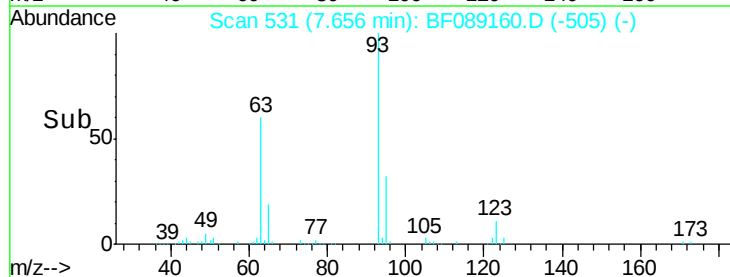
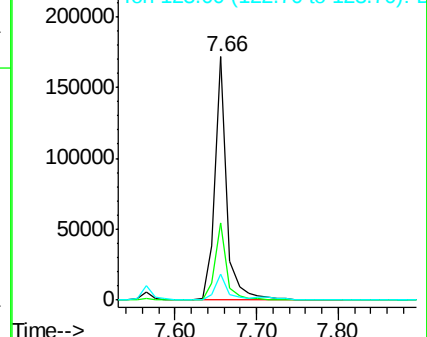
123 10.5 8.3 12.5

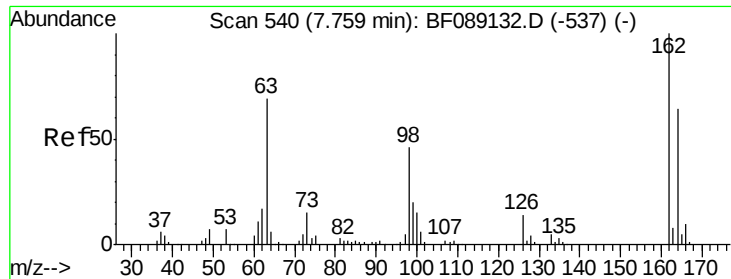


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

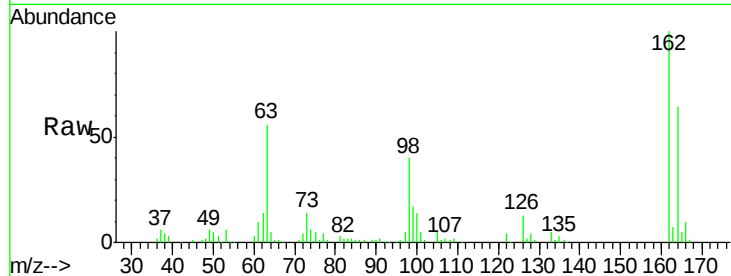




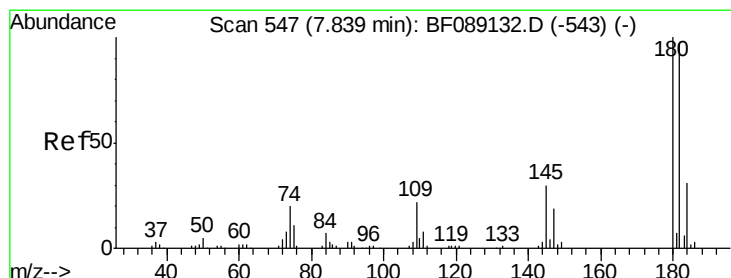
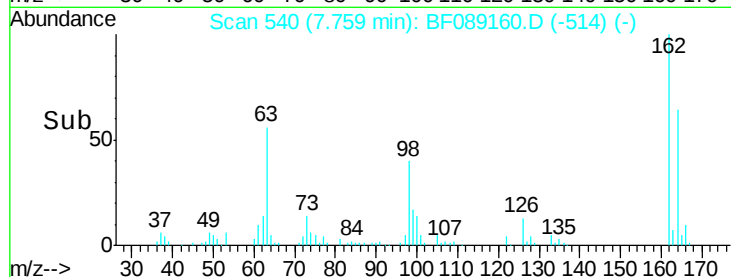
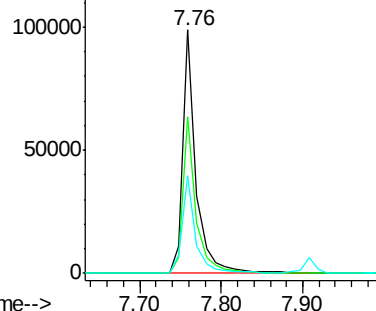
#29
 2,4-Dichlorophenol
 Concen: 40.59 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.0	84.0
98	40.3	26.0	66.0

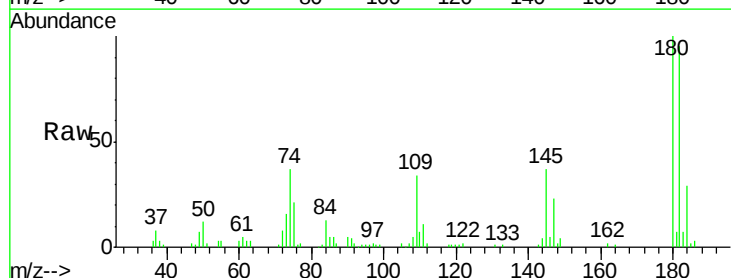


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

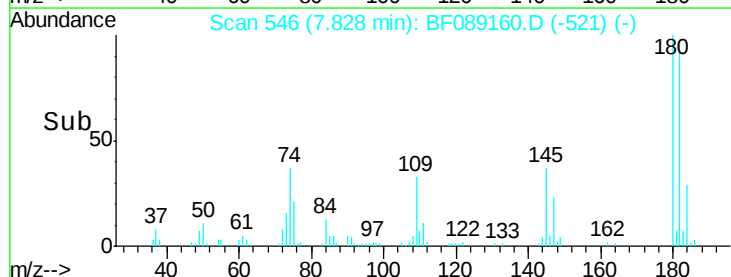
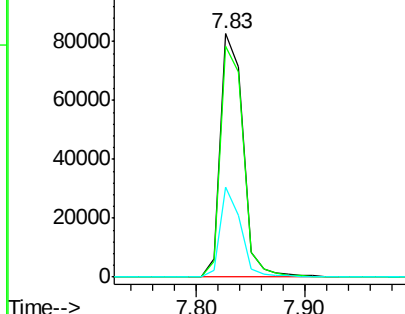


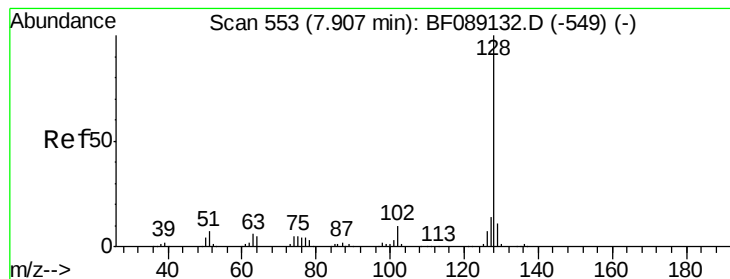
#30
 1,2,4-Trichlorobenzene
 Concen: 38.97 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.6	116.4
145	36.7	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: 38.59 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

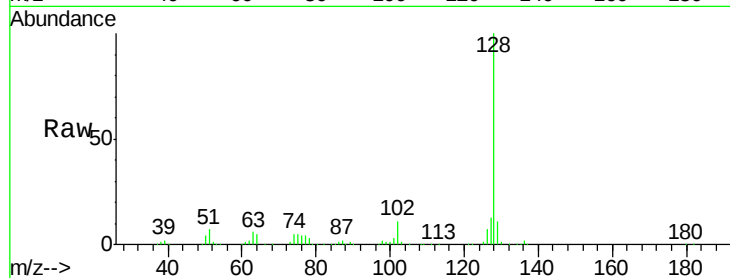
Tgt Ion:128 Resp: 411932

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

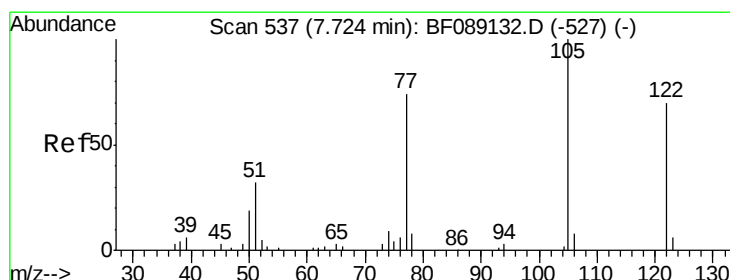
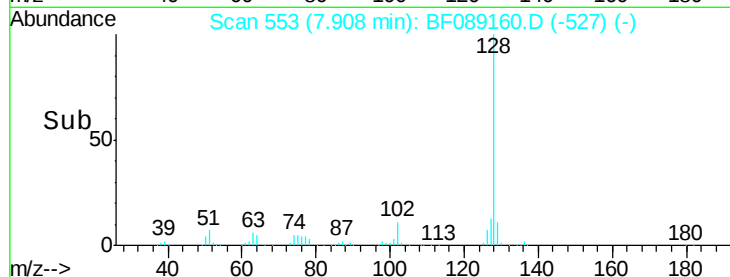
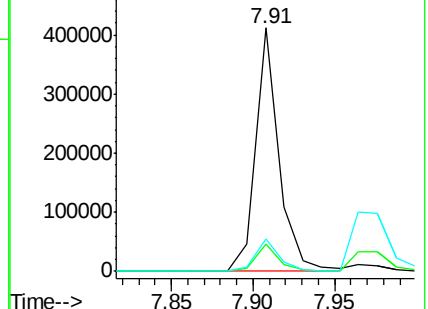
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.52 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

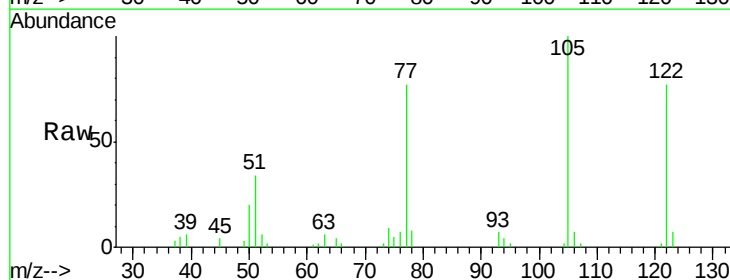
Tgt Ion:122 Resp: 84283

Ion Ratio Lower Upper

122 100

105 129.4 119.0 159.0

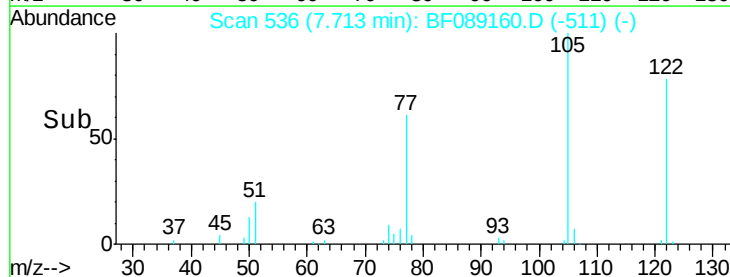
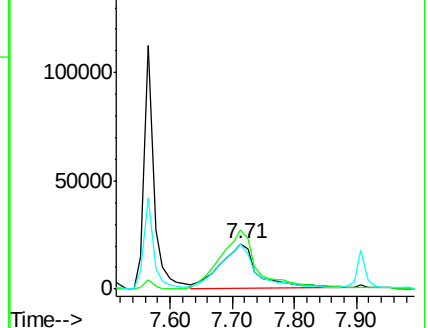
77 99.4 84.7 124.7

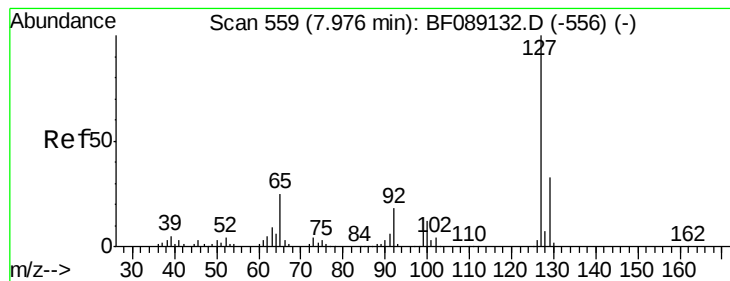


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.43 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

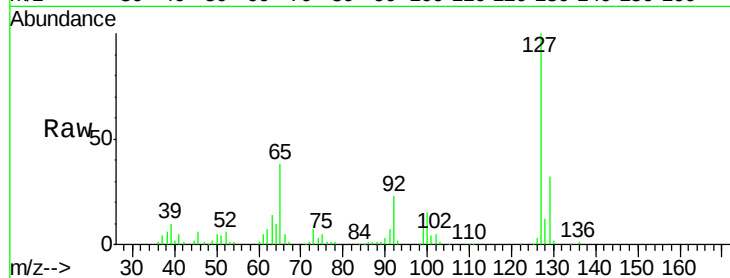
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	127	Resp:	172535
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	38.3	19.7	29.5#
92	22.8	14.3	21.5#

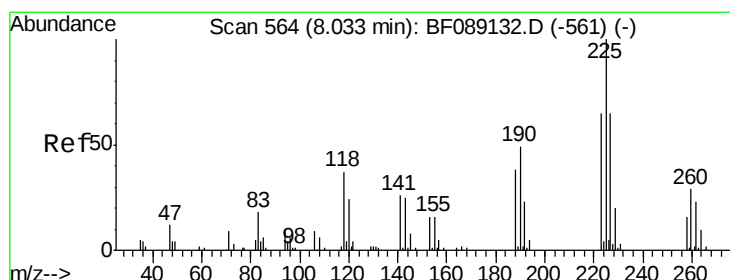
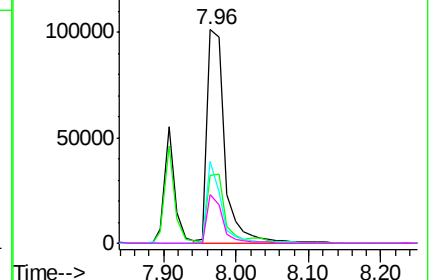
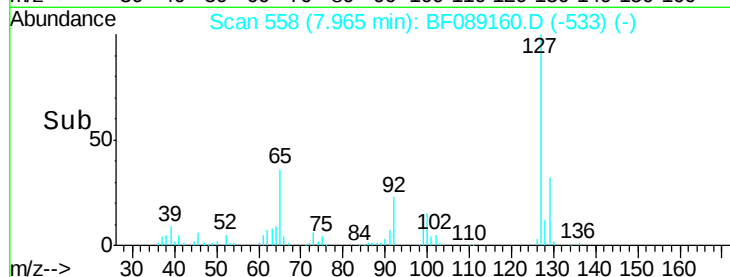


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.35 ng

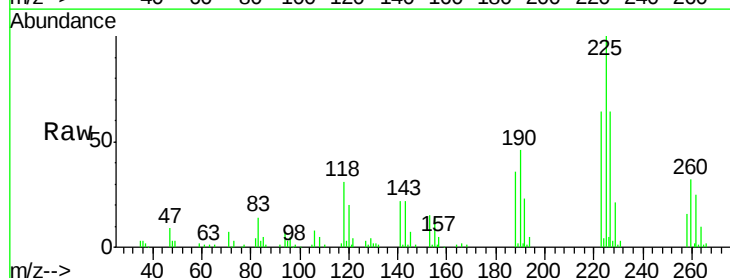
RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

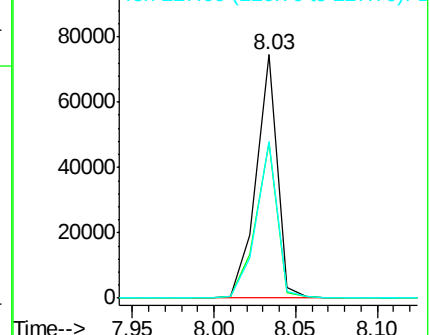
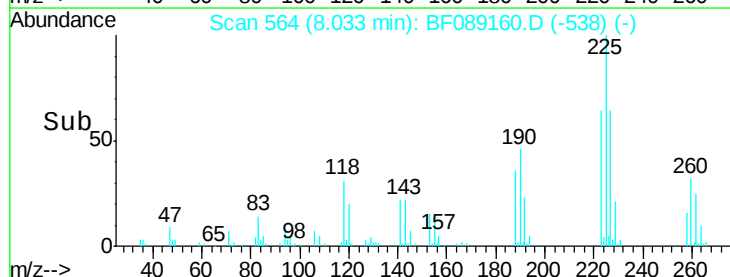
Tgt Ion:	225	Resp:	67417
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.6	77.4
227	64.3	51.6	77.4

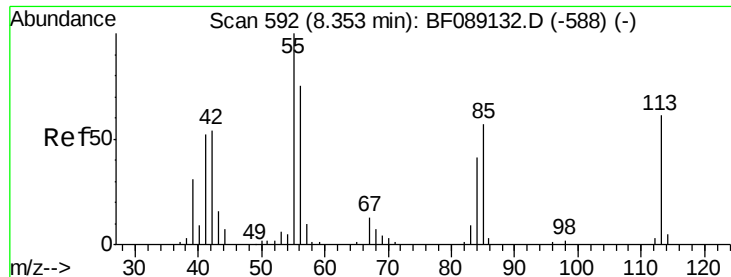


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

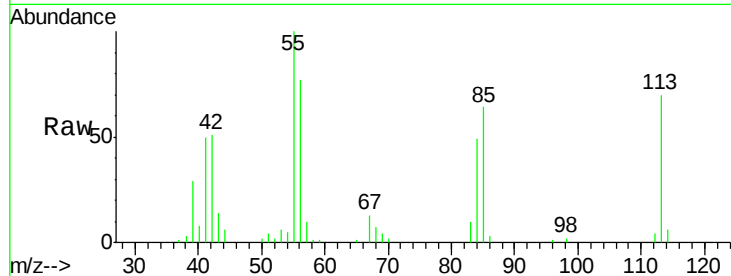




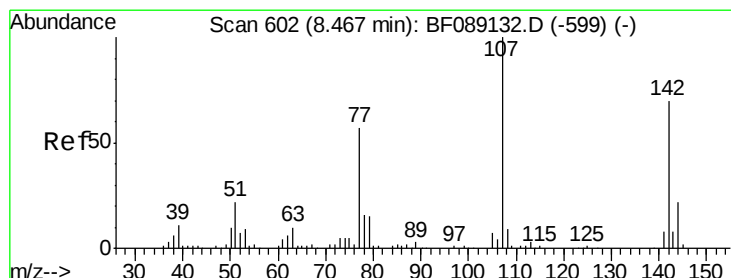
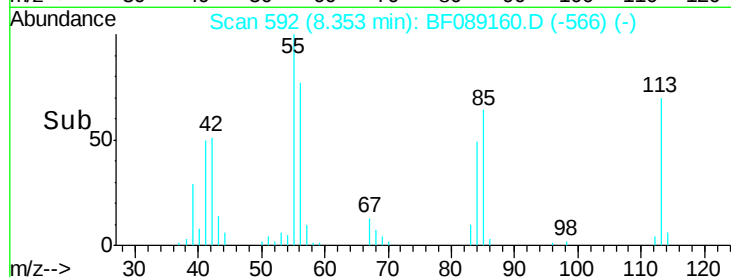
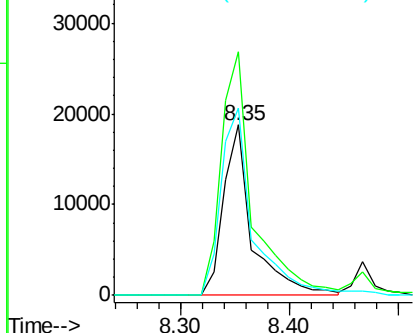
#35
 Caprolactam
 Concen: 39.76 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 34336
 Ion Ratio Lower Upper
 113 100
 55 142.8 145.3 185.3#
 56 109.8 104.3 144.3

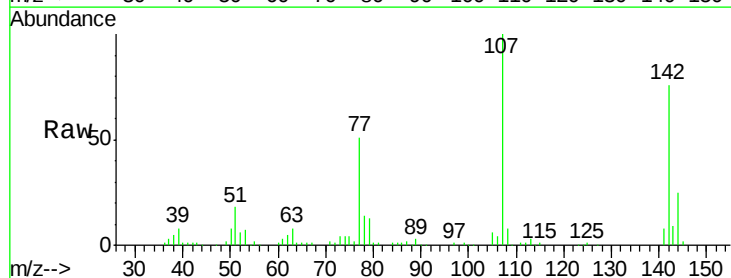


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

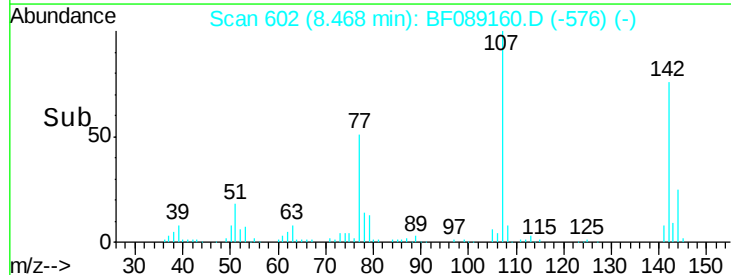
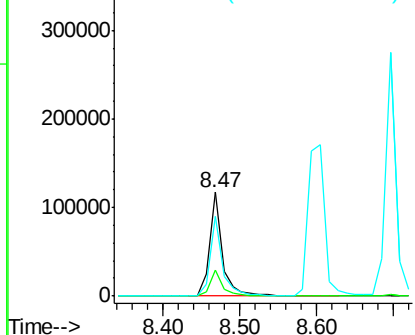


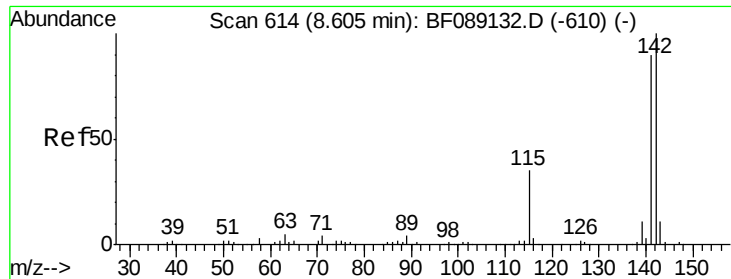
#36
 4-Chloro-3-methylphenol
 Concen: 40.13 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:107 Resp: 134449
 Ion Ratio Lower Upper
 107 100
 144 25.1 17.8 26.6
 142 76.3 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

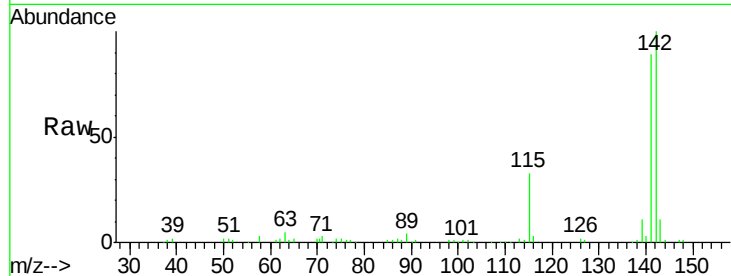




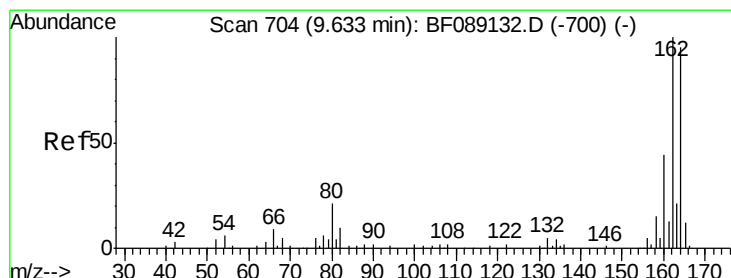
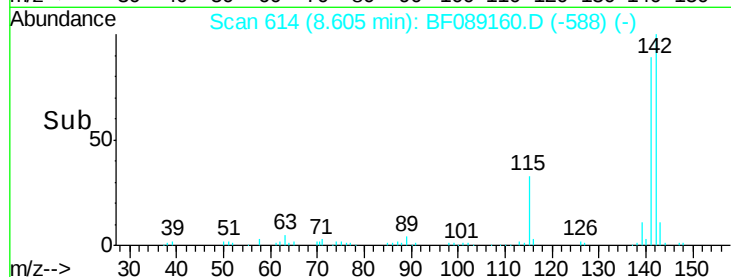
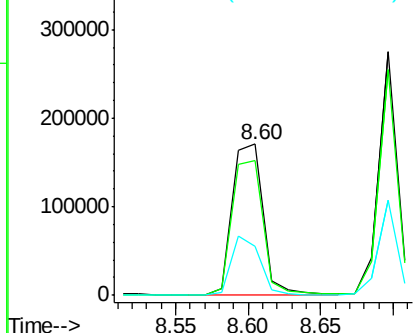
#37
 2-Methylnaphthalene
 Concen: 37.35 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 254308
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.6 107.4
 115 32.9 27.6 41.4

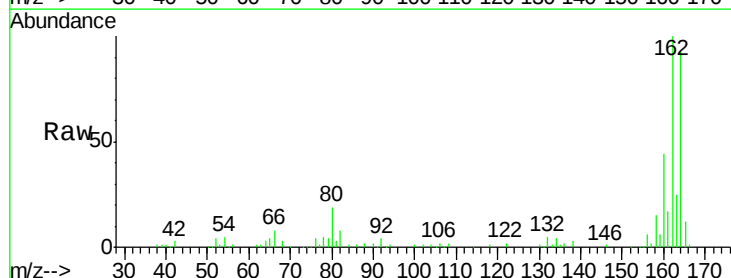


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

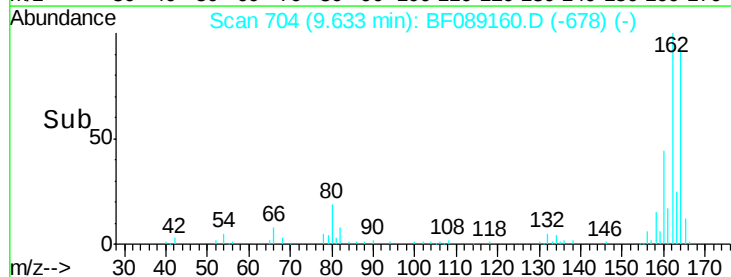
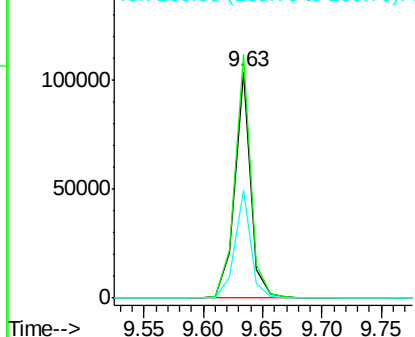


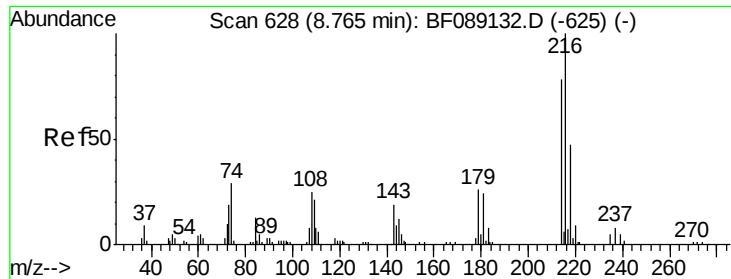
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:164 Resp: 97191
 Ion Ratio Lower Upper
 164 100
 162 107.6 84.1 126.1
 160 47.5 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: 37.68 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 136105

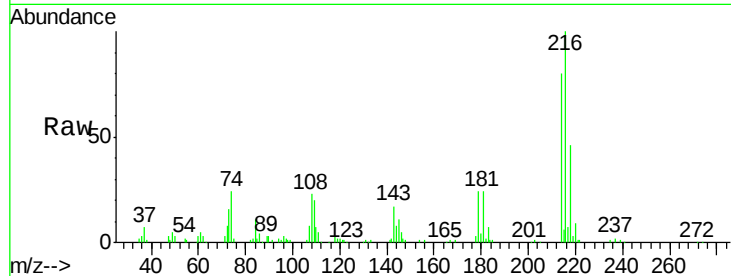
Ion Ratio Lower Upper

216 100

214 79.1 61.9 92.9

179 23.3 18.4 27.6

108 22.5 17.0 25.6

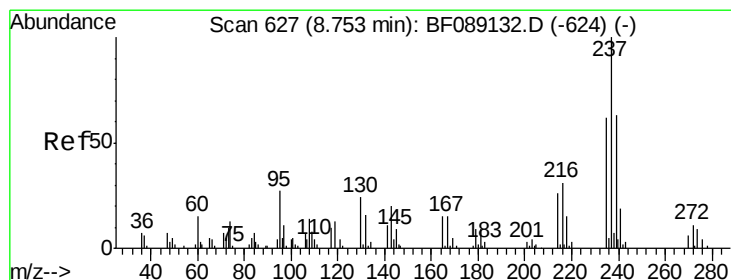
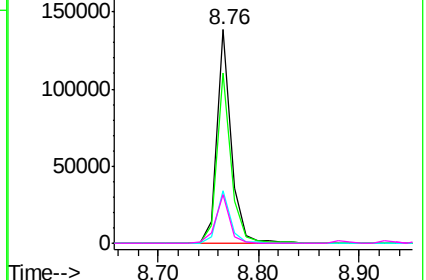
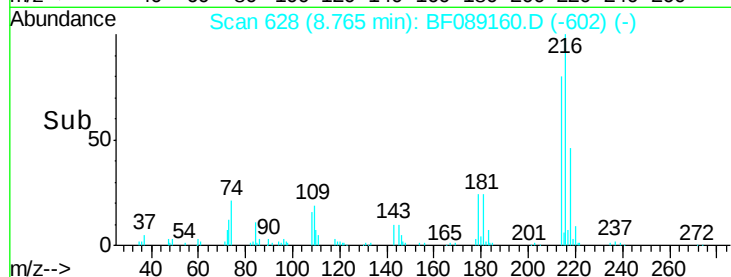


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.35 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

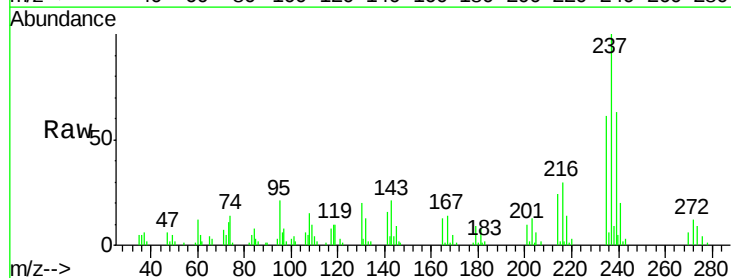
Tgt Ion:237 Resp: 37729

Ion Ratio Lower Upper

237 100

235 60.9 42.1 82.1

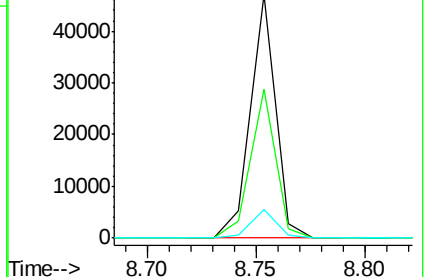
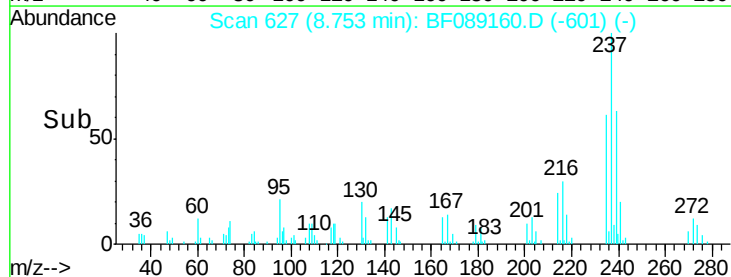
272 11.8 0.0 31.4

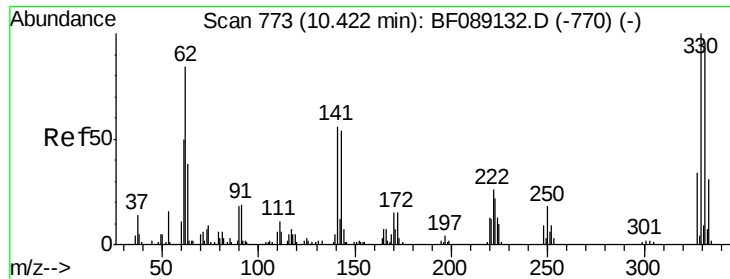


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 81.38 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

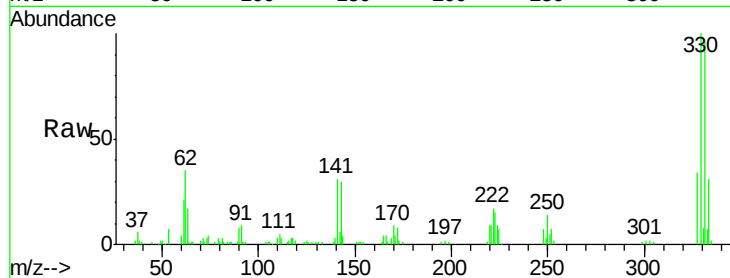
Tgt Ion:330 Resp: 71208

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

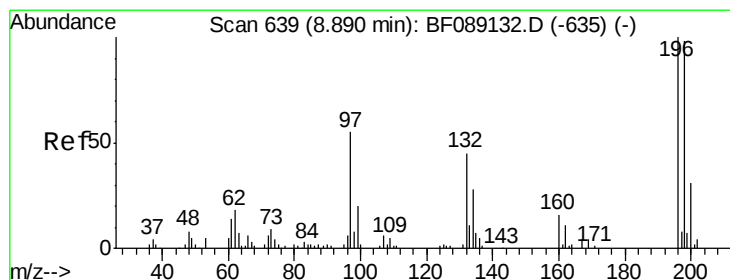
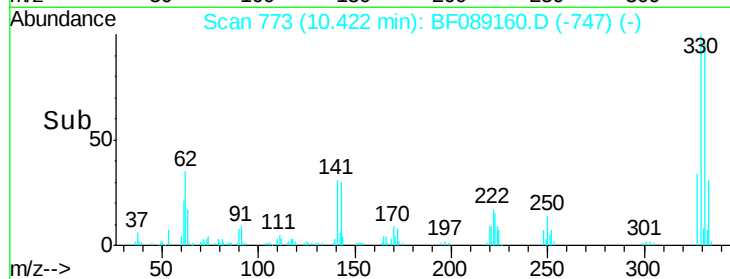
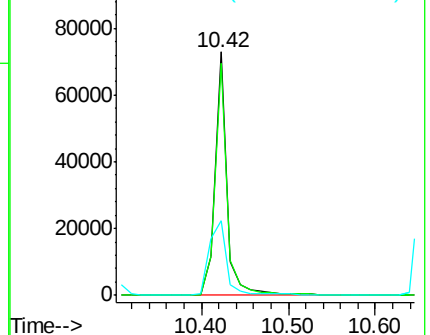
141 44.7 42.2 63.2



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: 36.45 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

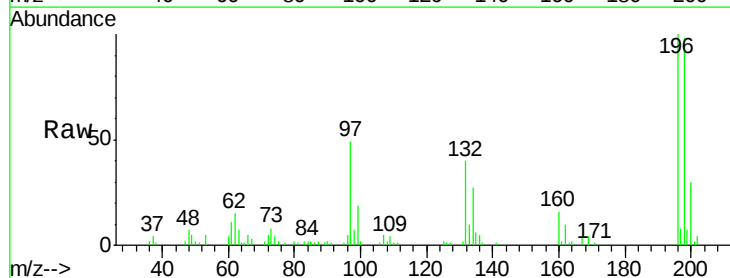
Tgt Ion:196 Resp: 73704

Ion Ratio Lower Upper

196 100

198 97.6 78.3 117.5

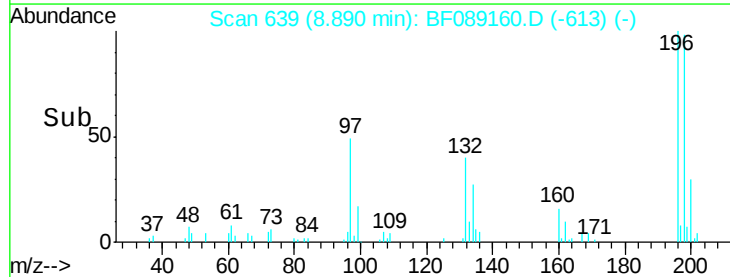
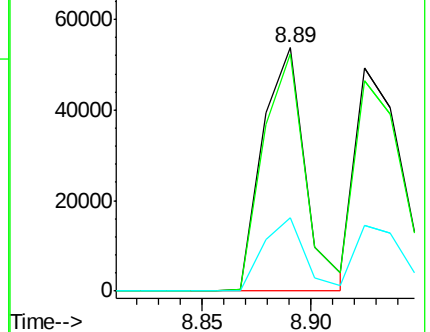
200 30.3 25.0 37.4

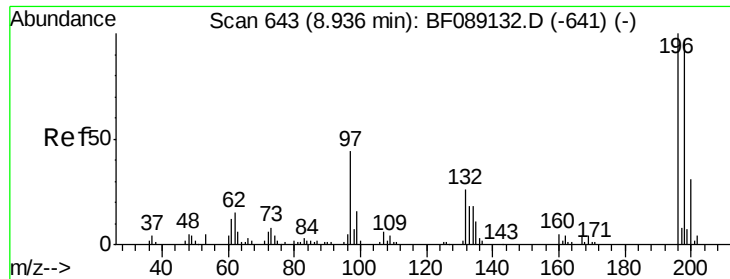


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

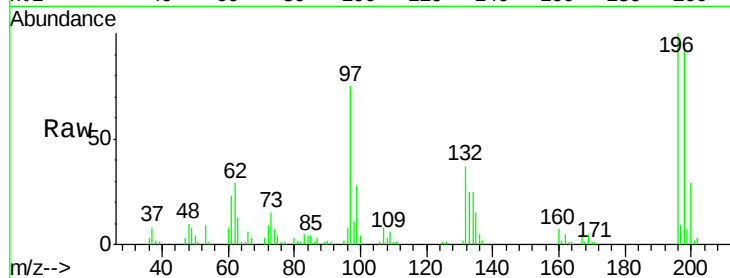




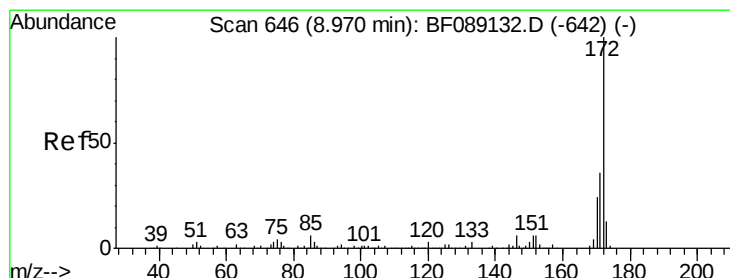
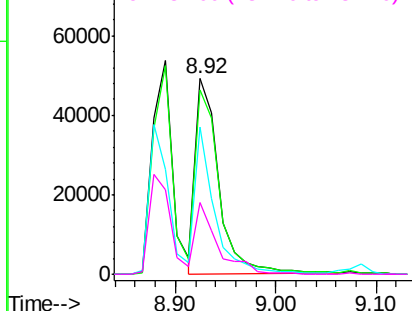
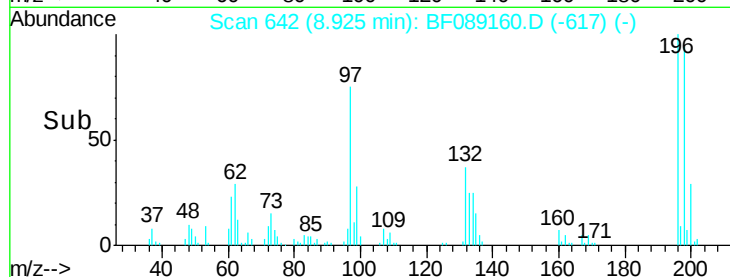
#43
 2,4,5-Trichlorophenol
 Concen: 39.09 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 79343
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.6 116.4
 97 75.4 36.5 54.7#
 132 36.5 21.2 31.8#

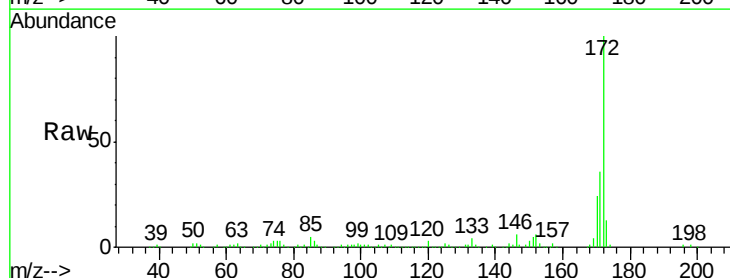


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

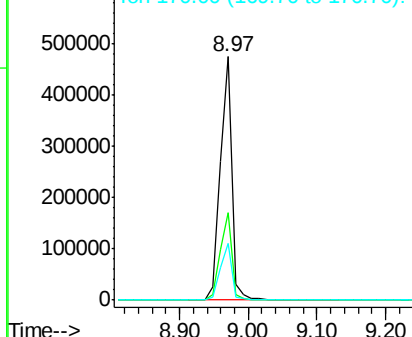
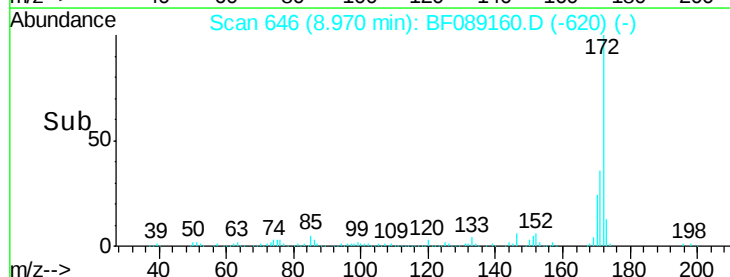


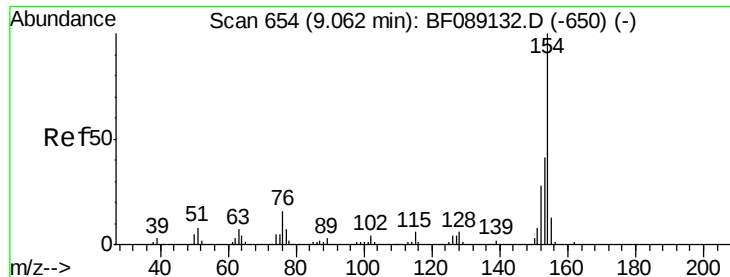
#44
 2-Fluorobiphenyl
 Concen: 80.41 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:172 Resp: 567214
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

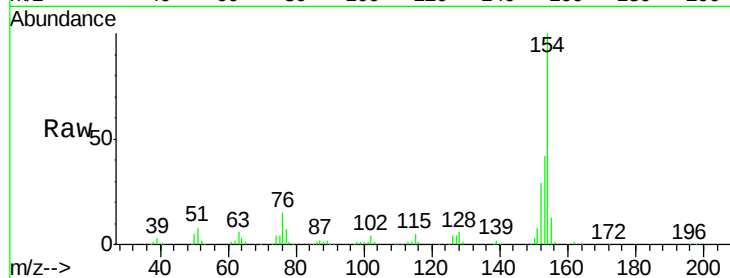




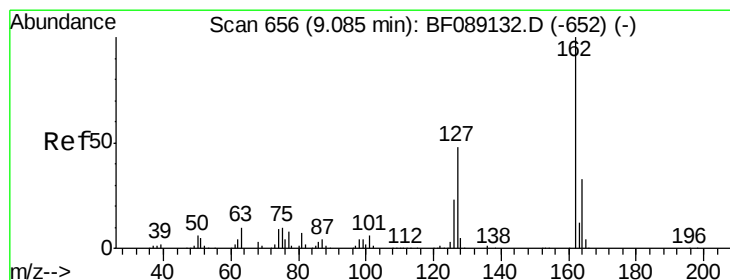
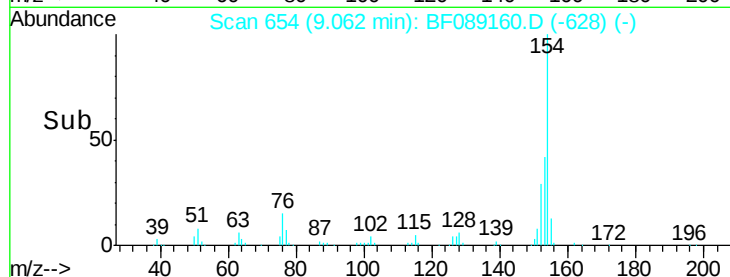
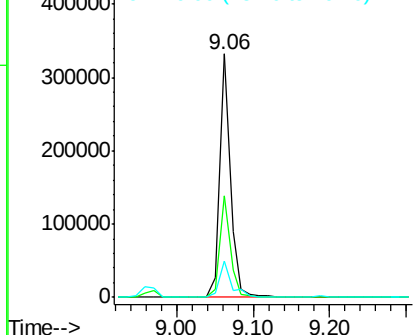
#45
 1,1'-Biphenyl
 Concen: 36.94 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.1	61.1
76	14.9	0.0	35.8

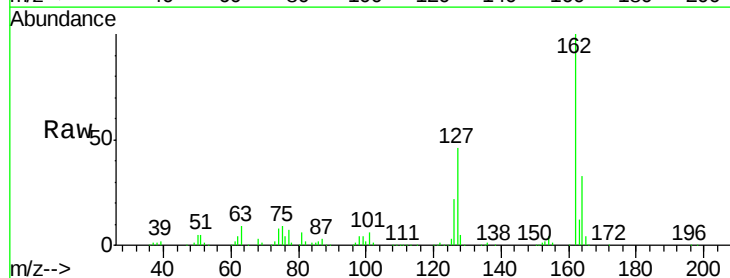


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

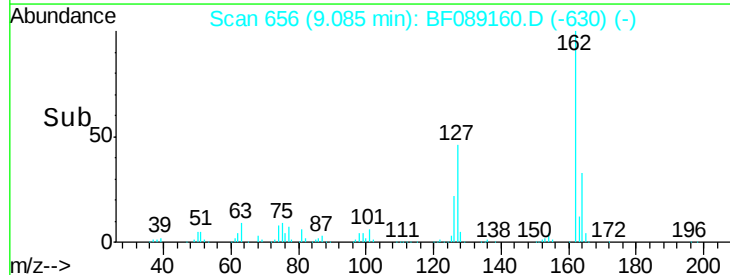
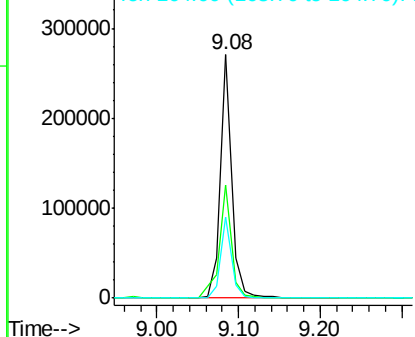


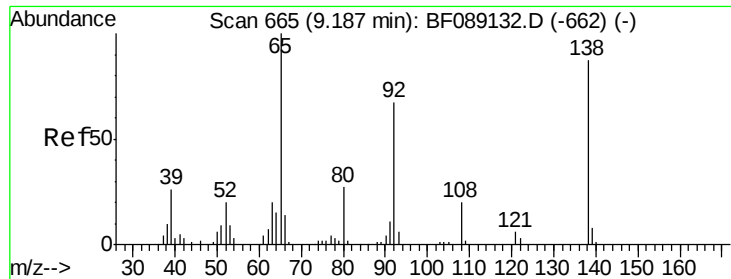
#46
 2-Chloronaphthalene
 Concen: 38.90 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.4	38.1	57.1
164	33.5	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

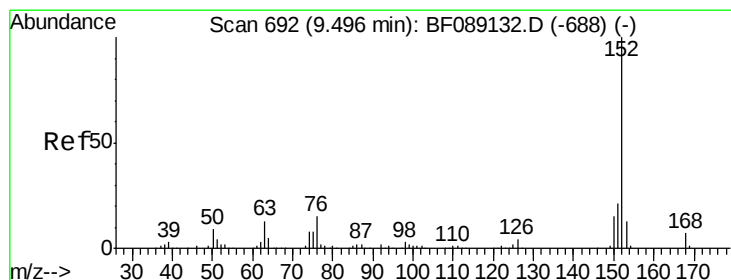
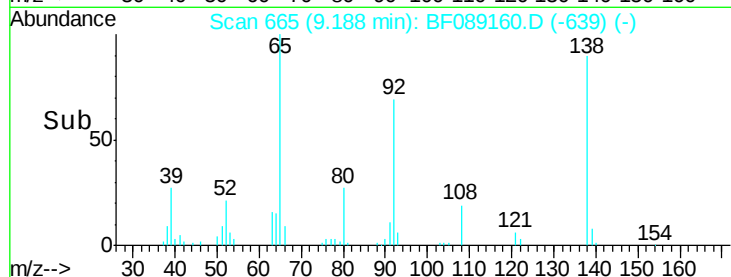
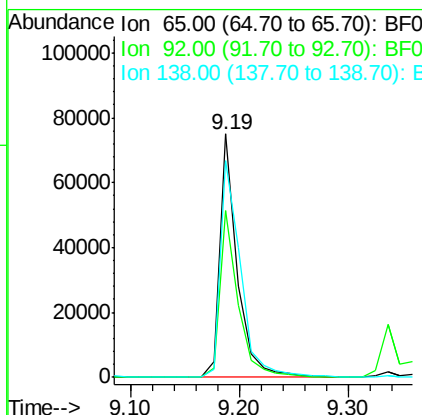
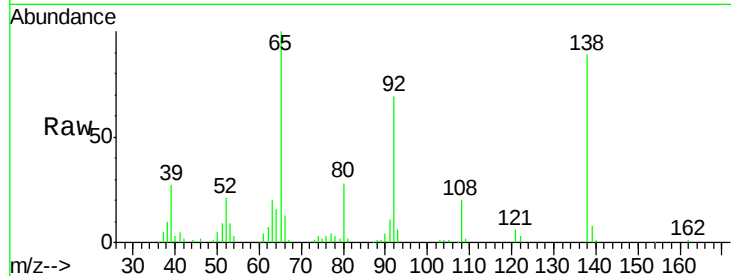




#47
 2-Nitroaniline
 Concen: 36.68 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

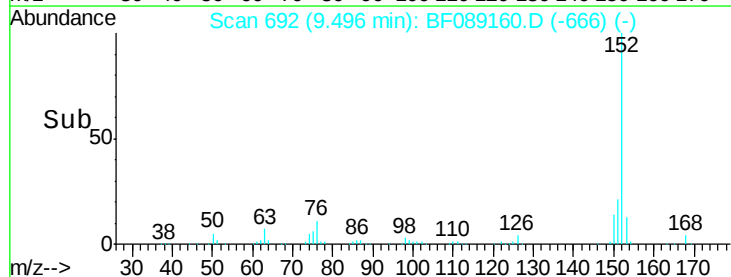
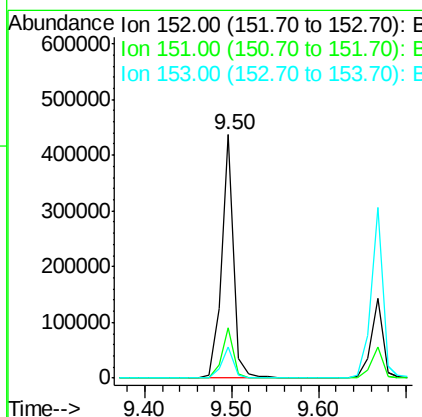
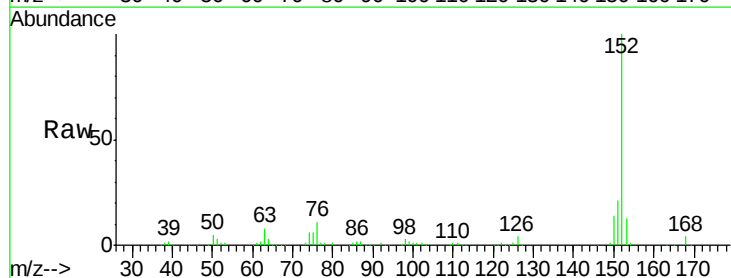
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

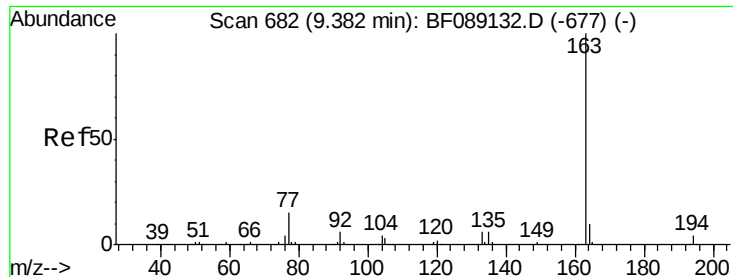
Tgt Ion: 65 Resp: 83686
 Ion Ratio Lower Upper
 65 100
 92 68.6 53.2 79.8
 138 89.0 69.4 104.2



#48
 Acenaphthylene
 Concen: 40.74 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion: 152 Resp: 426052
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.5 24.7
 153 12.9 10.7 16.1

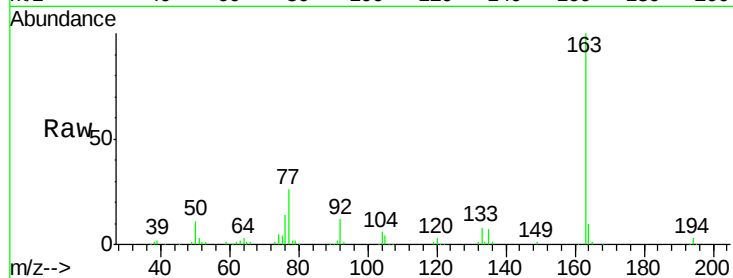




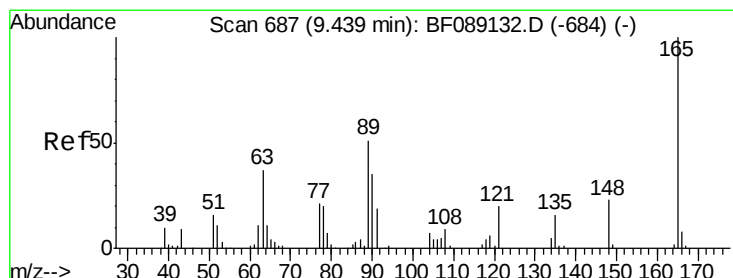
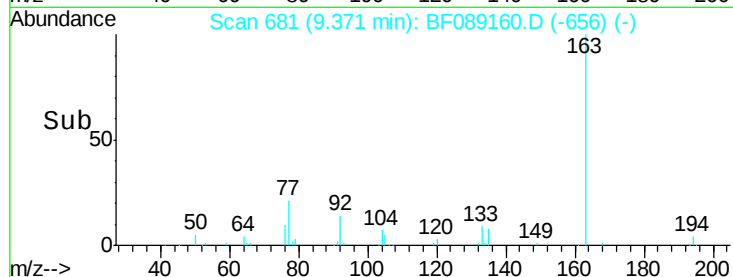
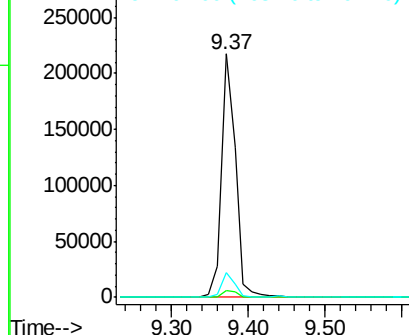
#49
Dimethylphthalate
Concen: 37.43 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 279180
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.3 7.6 11.4

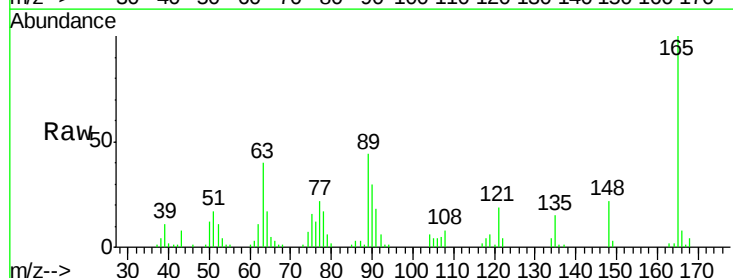


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

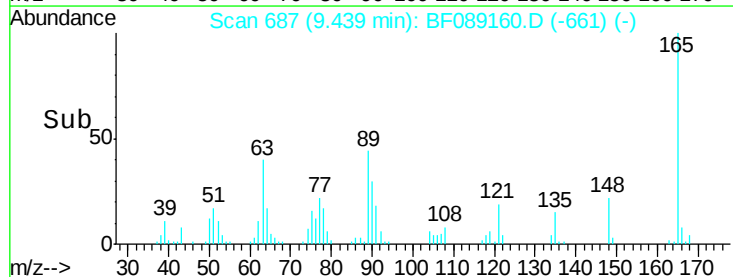
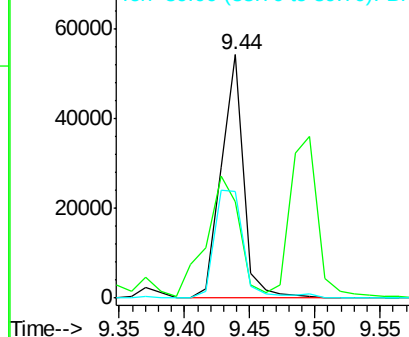


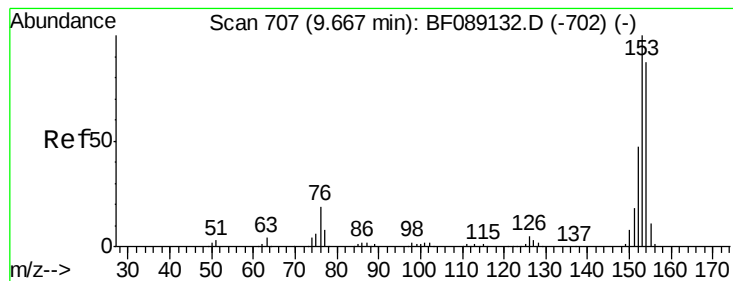
#50
2,6-Dinitrotoluene
Concen: 38.44 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion:165 Resp: 64725
Ion Ratio Lower Upper
165 100
63 39.6 37.0 55.4
89 43.8 40.9 61.3



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





#51

Acenaphthene

Concen: 40.14 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

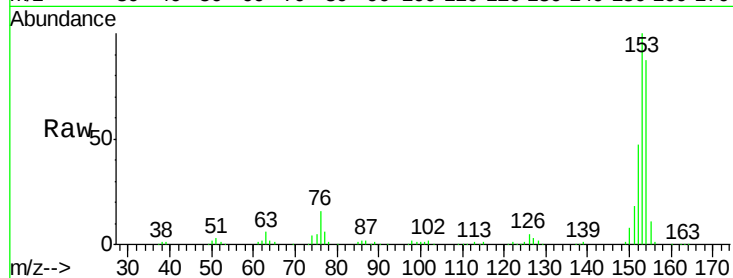
Tgt Ion:154 Resp: 248277

Ion Ratio Lower Upper

154 100

153 115.1 91.9 137.9

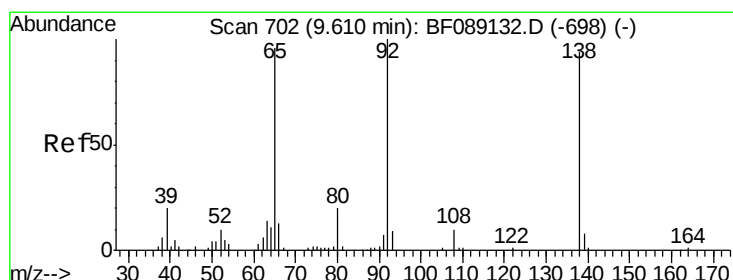
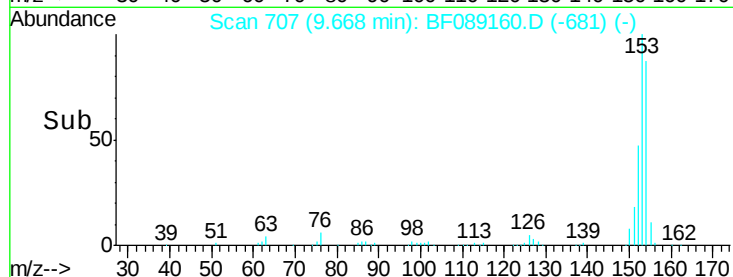
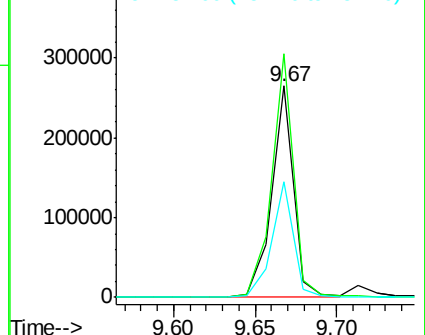
152 54.4 42.8 64.2



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: 36.20 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

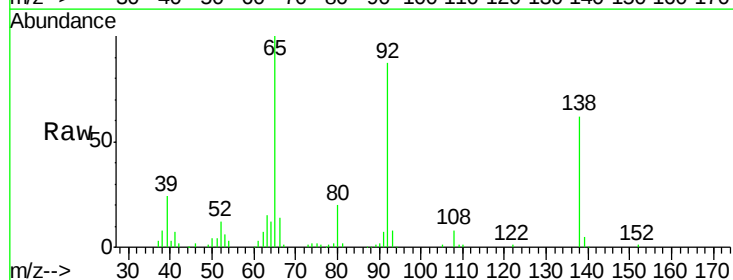
Tgt Ion:138 Resp: 72385

Ion Ratio Lower Upper

138 100

108 12.1 8.8 13.2

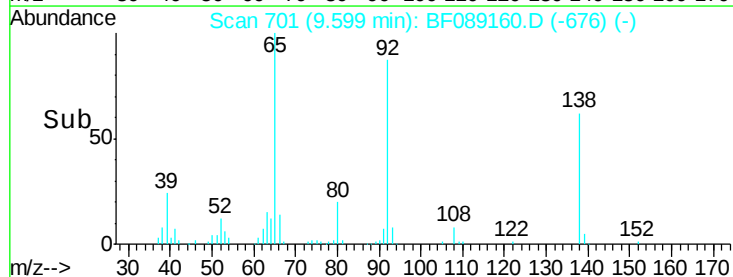
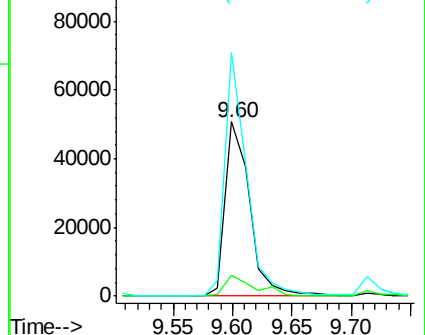
92 139.7 85.3 127.9#

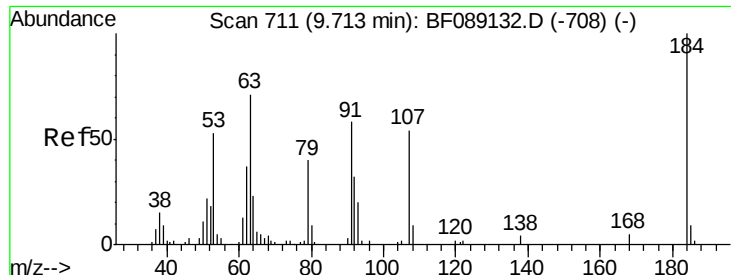


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

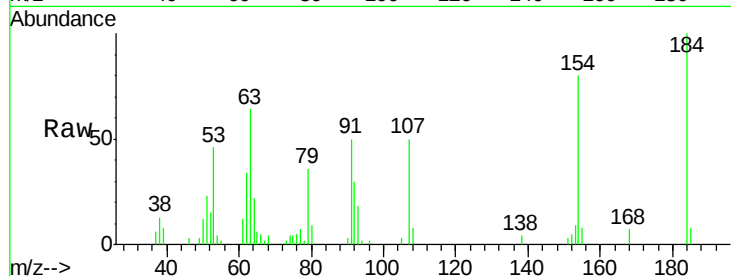




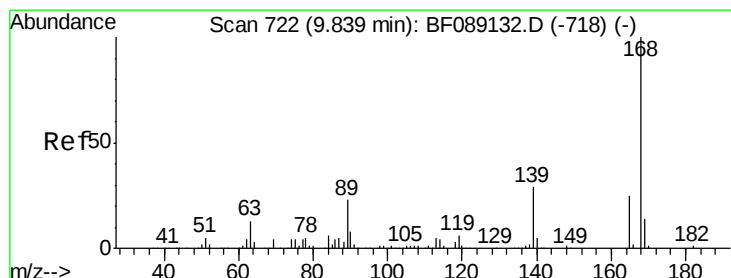
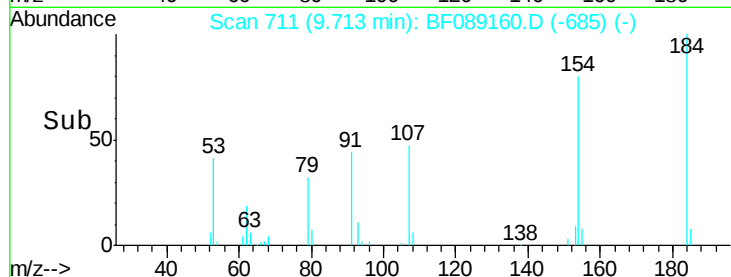
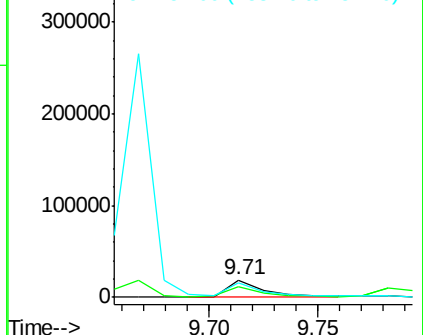
#53
 2,4-Dinitrophenol
 Concen: 32.33 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:184 Resp: 22878
 Ion Ratio Lower Upper
 184 100
 63 64.1 60.3 90.5
 154 79.8 60.7 91.1

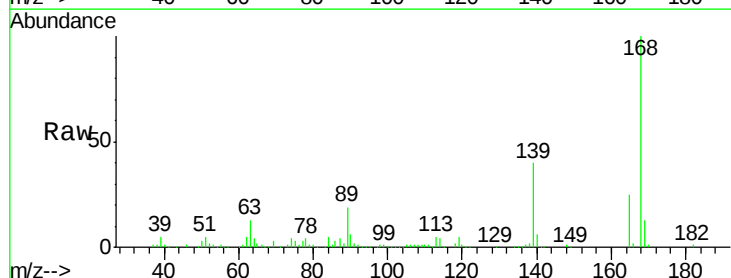


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

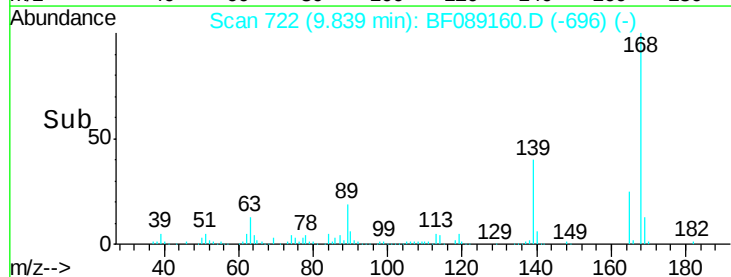
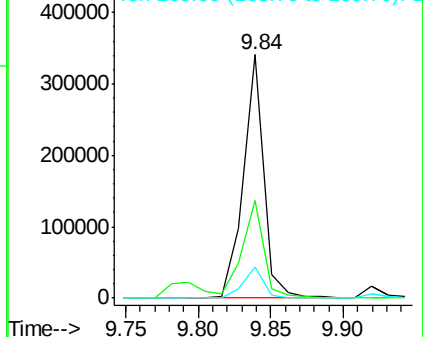


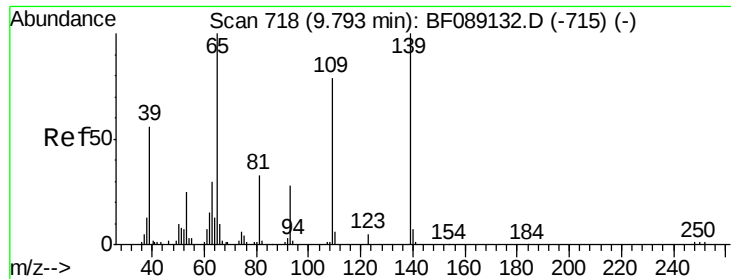
#54
 Dibenzofuran
 Concen: 40.03 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:168 Resp: 334554
 Ion Ratio Lower Upper
 168 100
 139 39.9 34.4 51.6
 169 13.0 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: 33.77 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

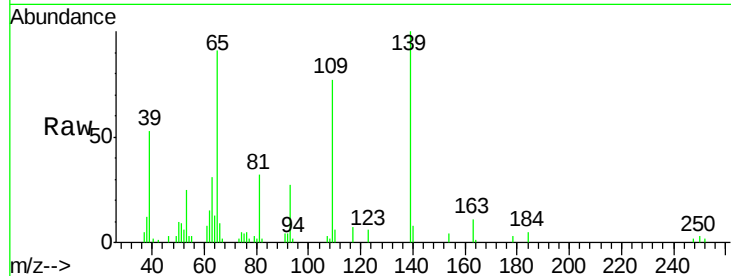
Tgt Ion:139 Resp: 40859

Ion Ratio Lower Upper

139 100

109 76.9 58.7 98.7

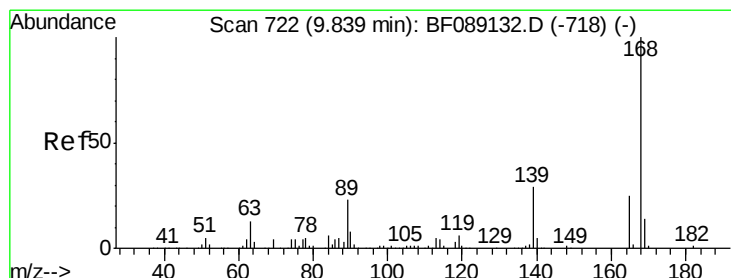
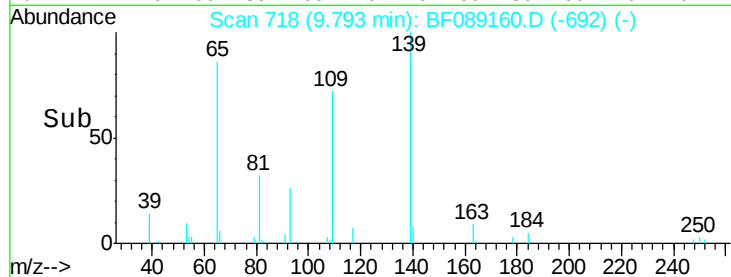
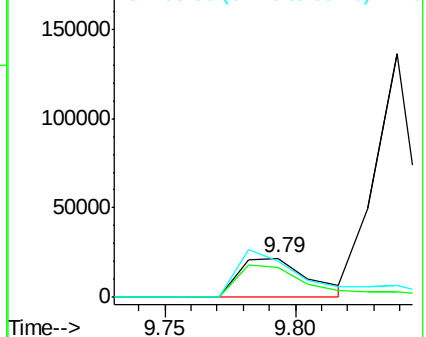
65 90.7 80.2 120.2



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: 40.15 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Tgt Ion:165 Resp: 87091

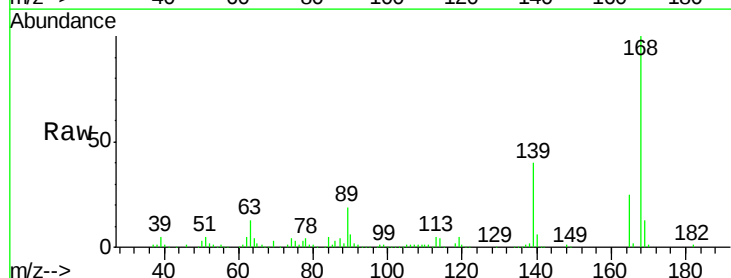
Ion Ratio Lower Upper

165 100

63 53.9 55.4 83.2#

89 77.3 74.3 111.5

182 2.6 2.0 3.0

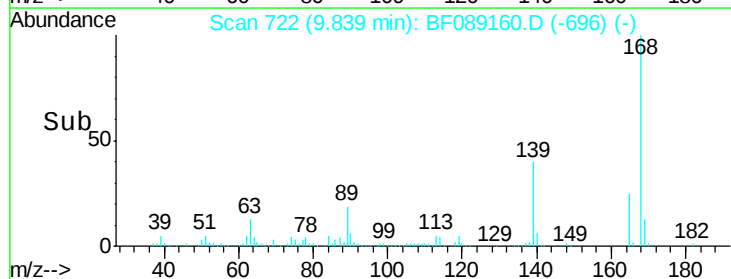
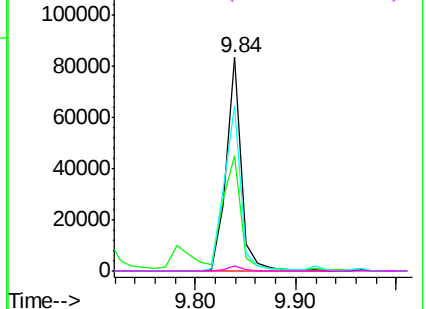


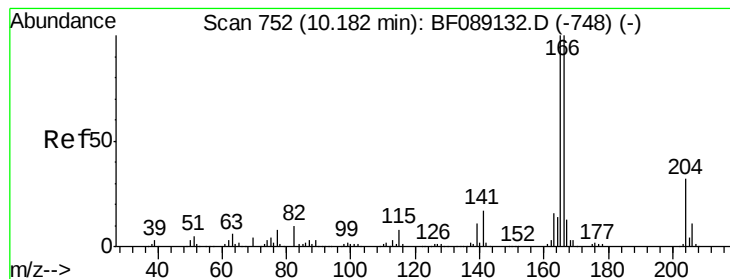
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.12 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

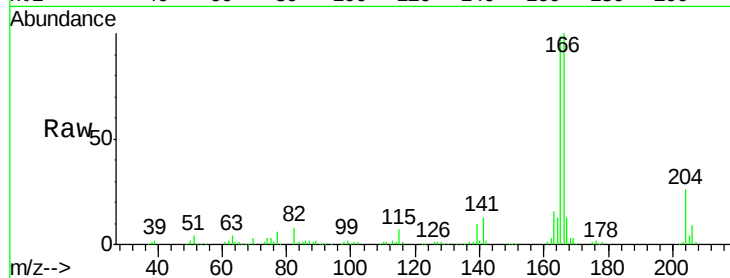
Tgt Ion:166 Resp: 277548

Ion Ratio Lower Upper

166 100

165 98.8 79.9 119.9

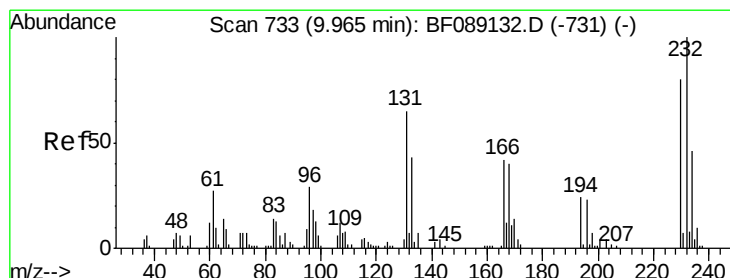
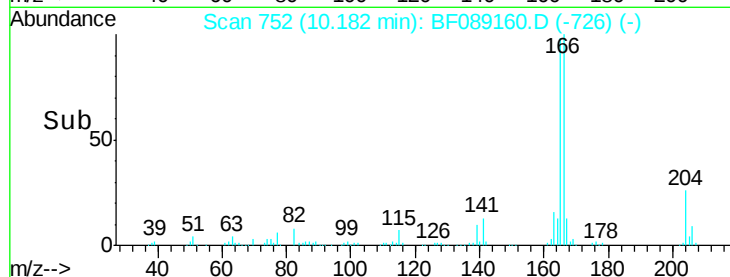
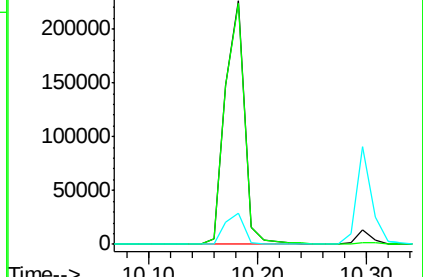
167 12.6 10.7 16.1



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: 42.32 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Tgt Ion:232 Resp: 61692

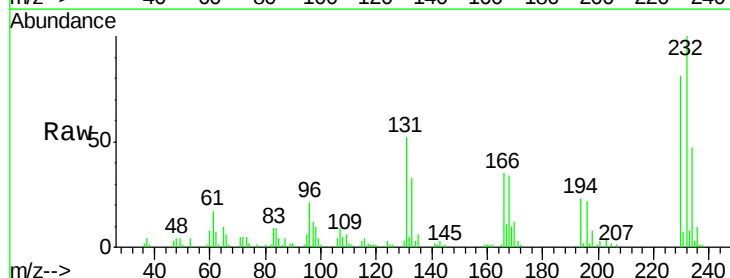
Ion Ratio Lower Upper

232 100

131 53.6 46.2 69.2

130 2.6 2.3 3.5

166 35.2 29.5 44.3

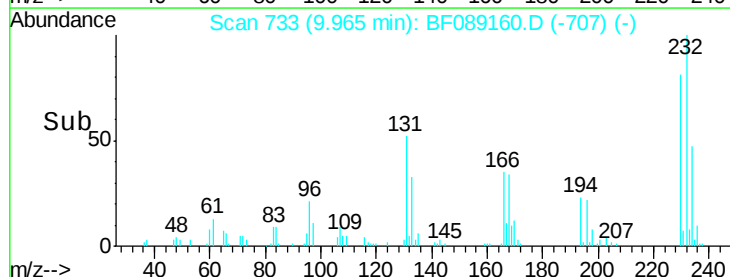
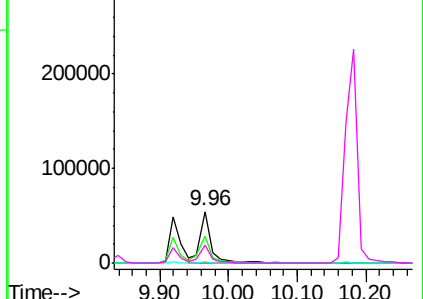


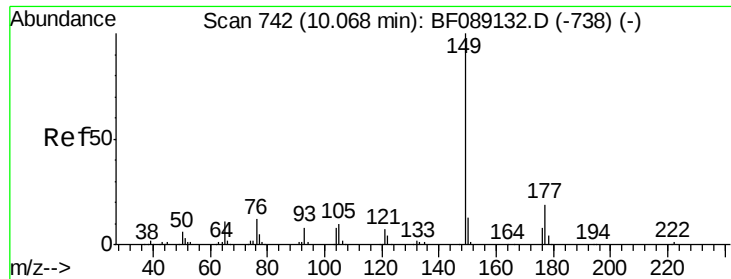
Abundance Ion 232.00 (231.70 to 232.70): E

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

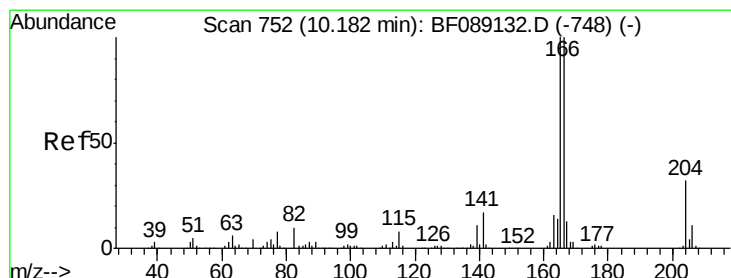
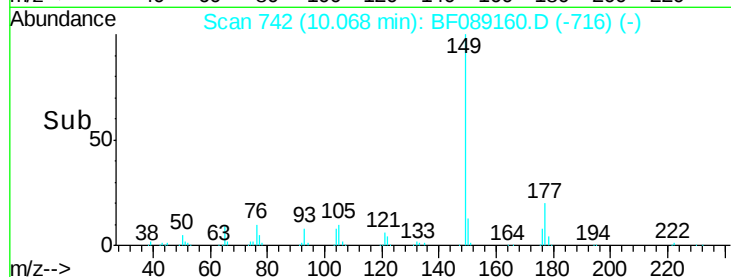
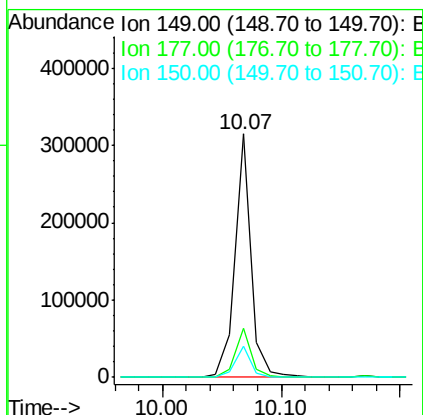
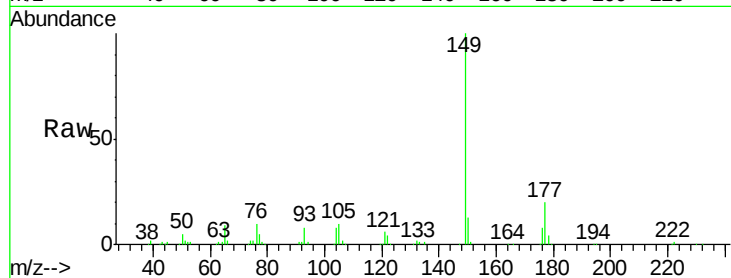




#59
Diethylphthalate
Concen: 40.18 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

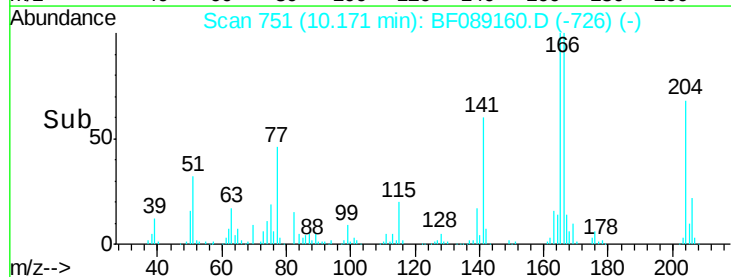
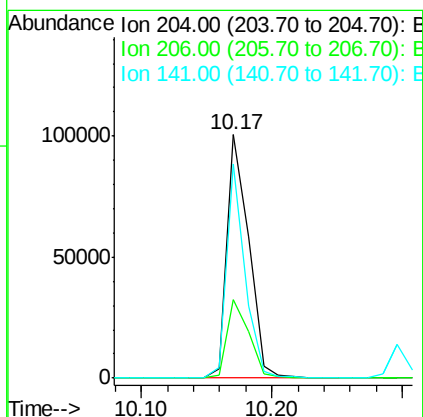
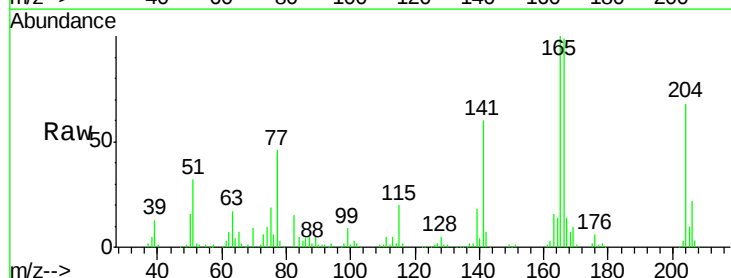
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

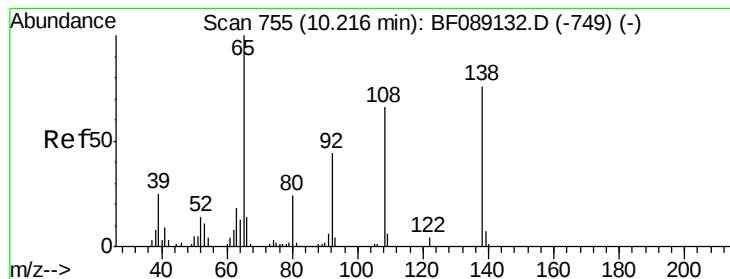
Tgt Ion:149 Resp: 297166
Ion Ratio Lower Upper
149 100
177 20.3 15.6 23.4
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.04 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion:204 Resp: 116746
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 87.8 42.2 63.4#





#61

4-Nitroaniline

Concen: 39.32 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

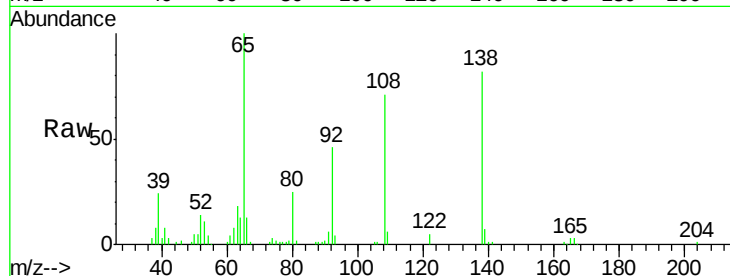
Tgt Ion:138 Resp: 76500

Ion Ratio Lower Upper

138 100

92 55.6 37.2 77.2

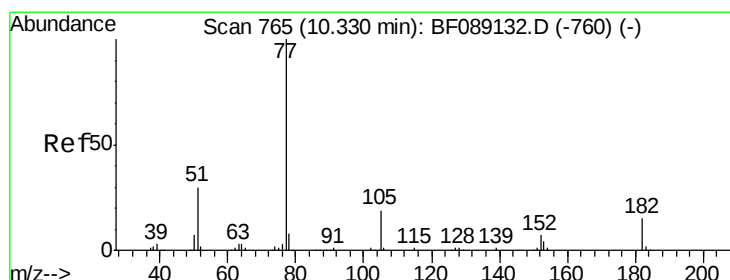
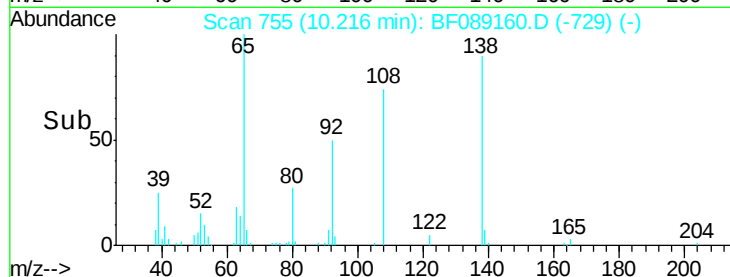
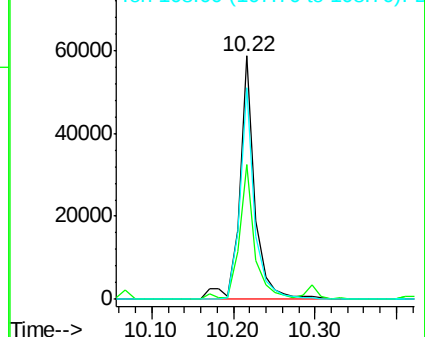
108 86.7 66.1 106.1



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: 38.31 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Tgt Ion: 77 Resp: 307937

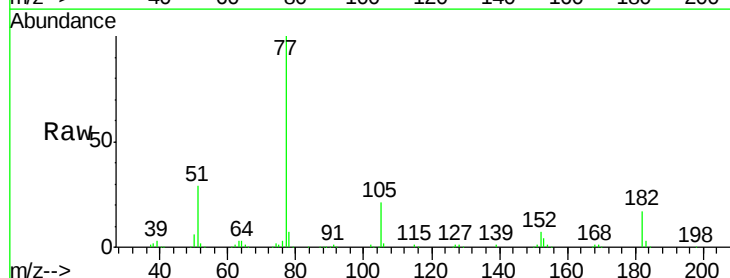
Ion Ratio Lower Upper

77 100

182 17.0 0.0 35.0

105 20.5 0.0 39.4

51 29.1 10.7 50.7

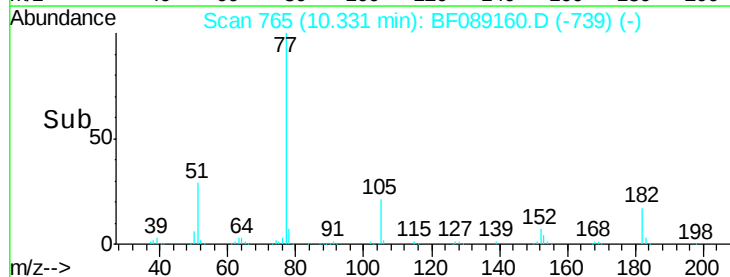
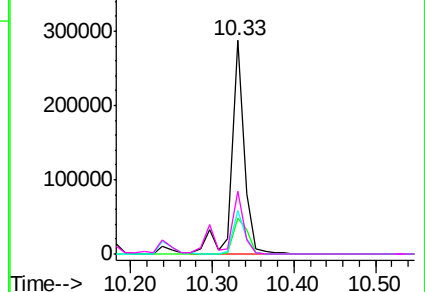


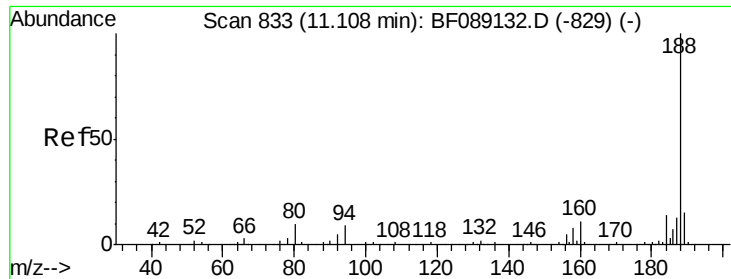
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

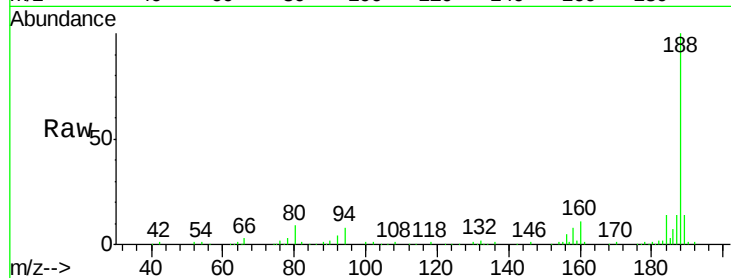




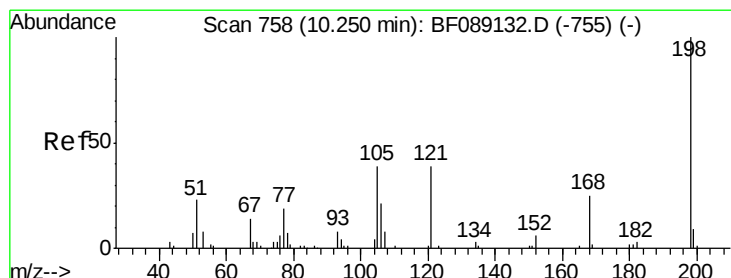
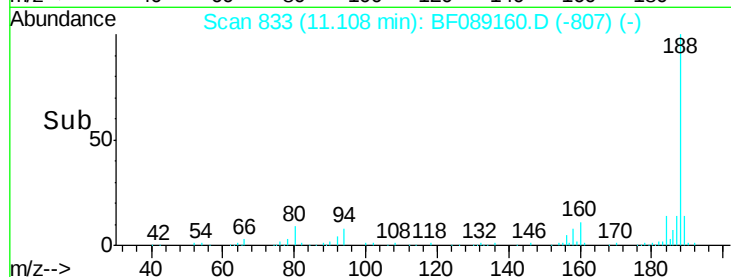
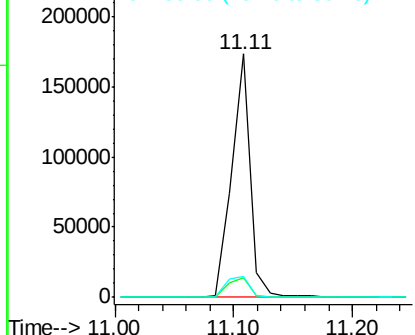
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 187125
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.6 7.7 11.5

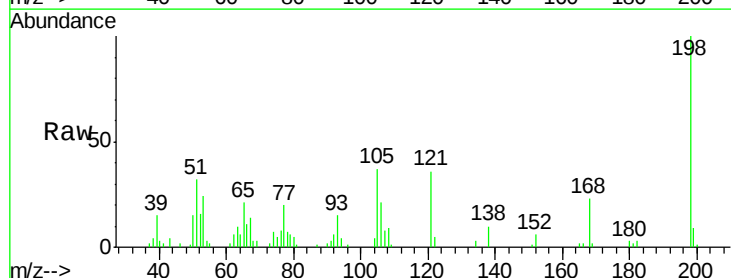


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

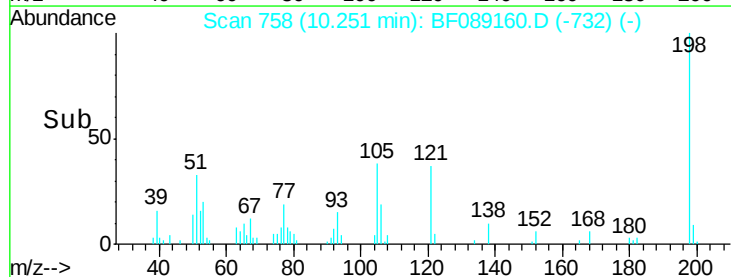
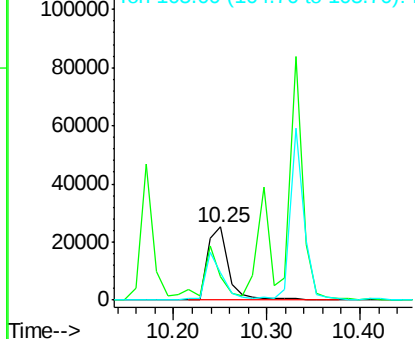


#64
4,6-Dinitro-2-methylphenol
Concen: 36.41 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion:198 Resp: 39661
Ion Ratio Lower Upper
198 100
51 32.5 11.7 51.7
105 37.4 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: 38.96 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

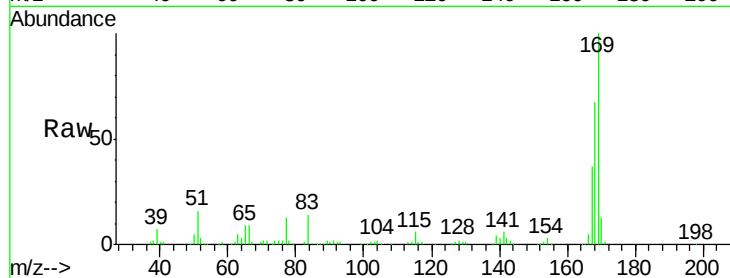
Tgt Ion:169 Resp: 243643

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

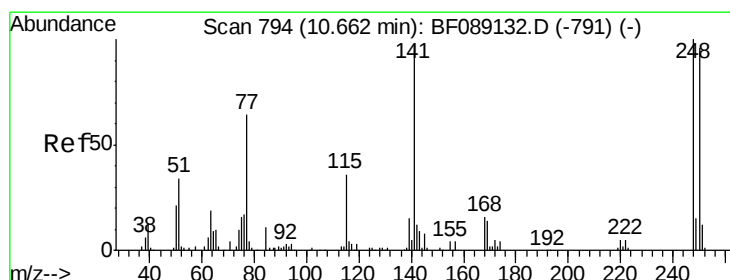
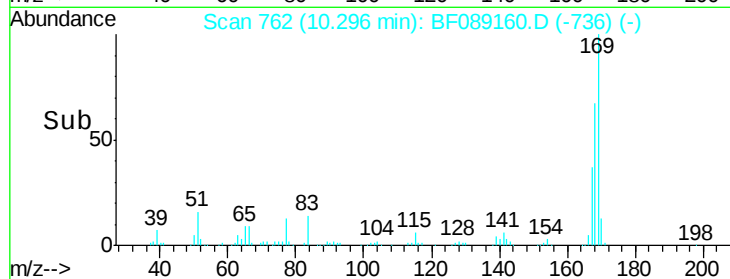
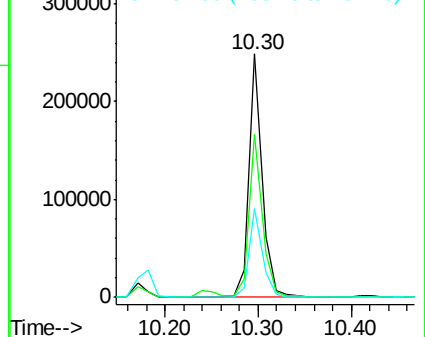
167 36.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.50 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

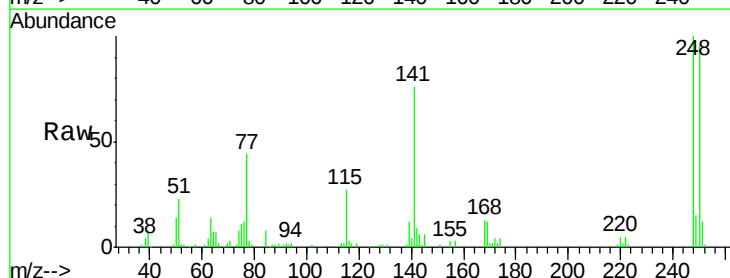
Tgt Ion:248 Resp: 76855

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

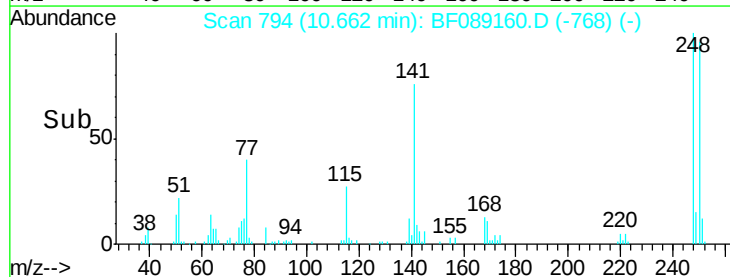
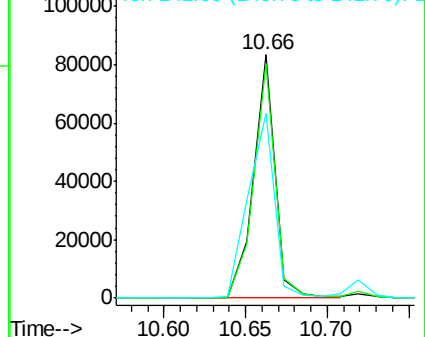
141 75.9 77.4 116.2#

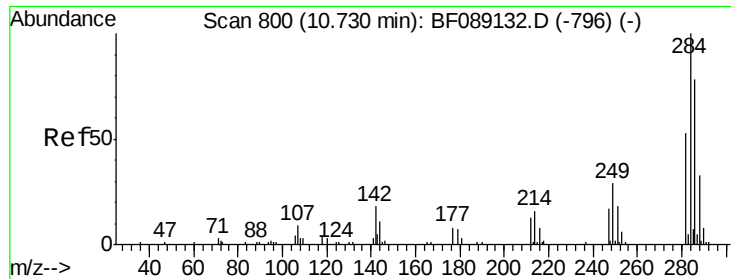


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

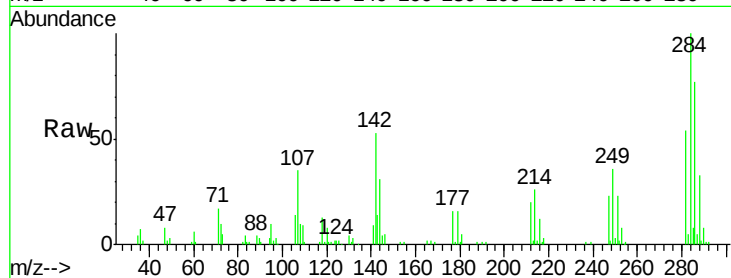




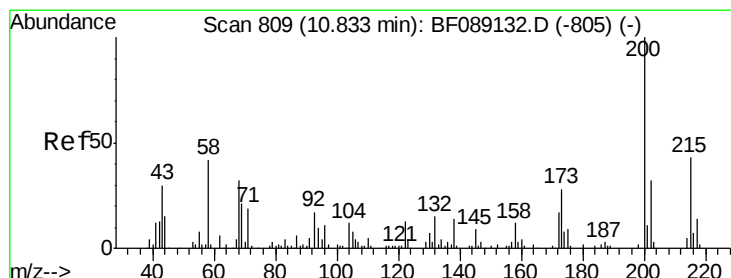
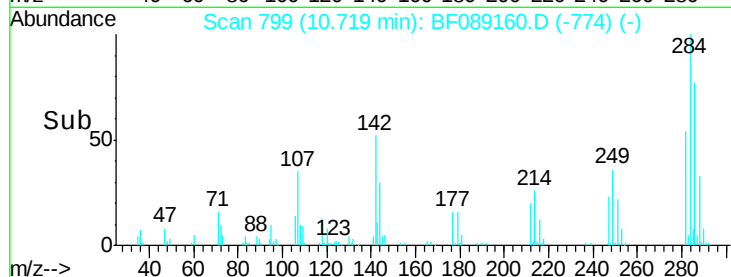
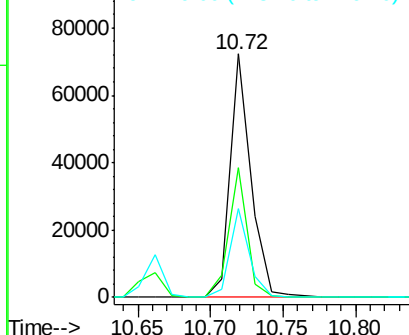
#67
Hexachlorobenzene
Concen: 35.96 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 71623
Ion Ratio Lower Upper
284 100
142 53.2 14.1 21.1#
249 36.4 23.0 34.4#

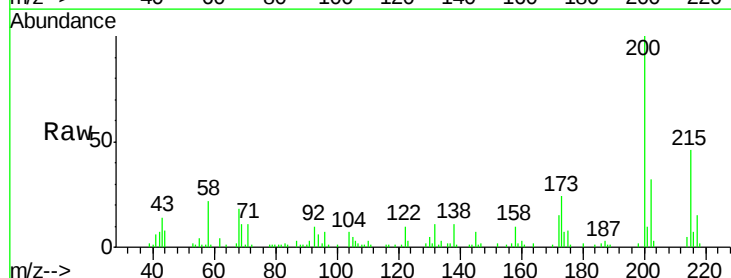


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

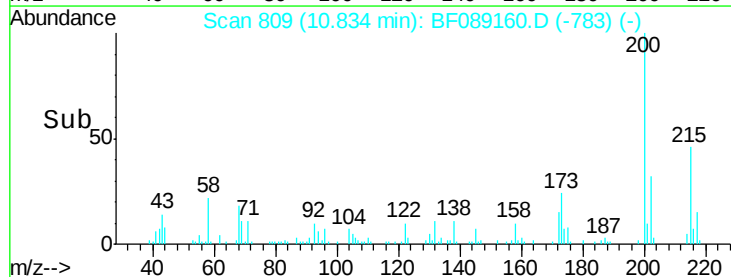
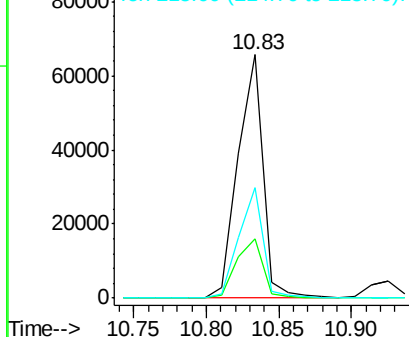


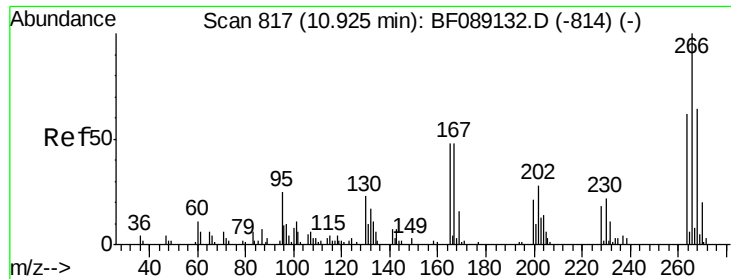
#68
Atrazine
Concen: 40.22 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089160.D
Acq: 21 Jul 2016 5:19

Tgt Ion:200 Resp: 78665
Ion Ratio Lower Upper
200 100
173 24.4 7.8 47.8
215 45.6 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

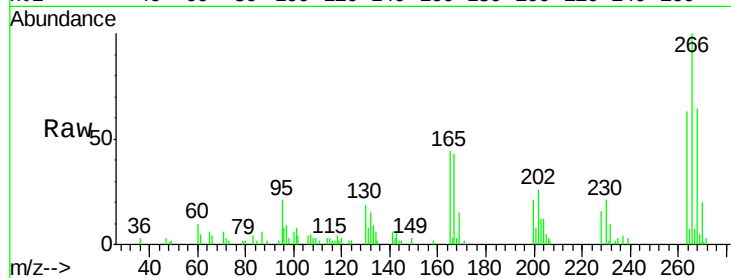




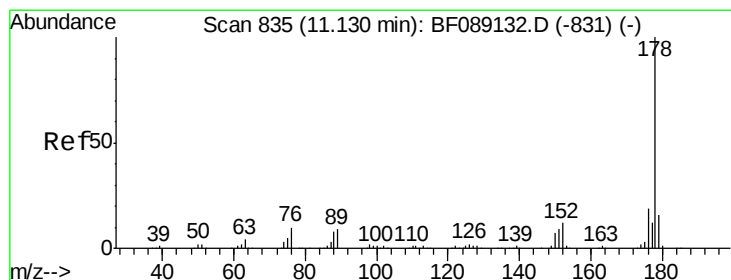
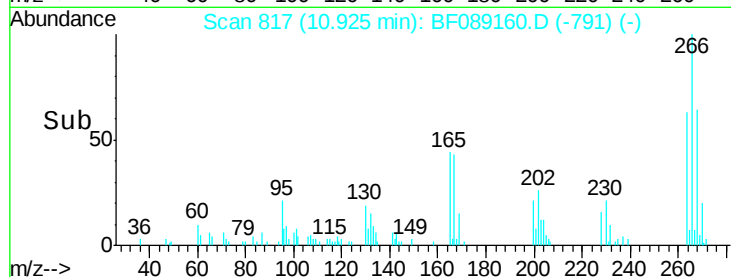
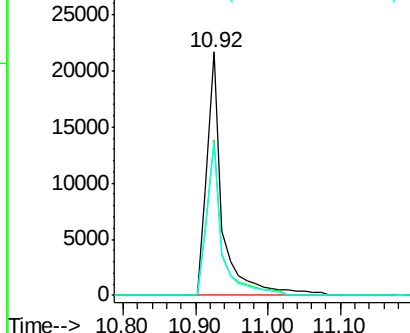
#69
 Pentachlorophenol
 Concen: 35.37 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 32500
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 62.7 49.7 74.5

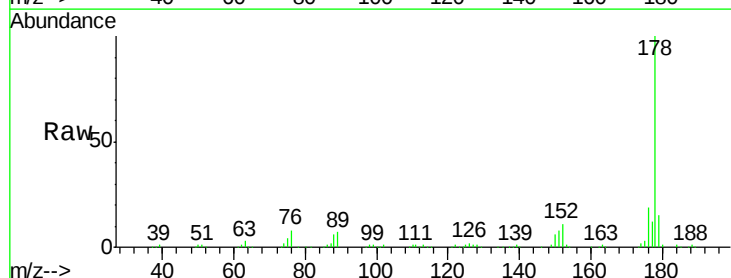


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

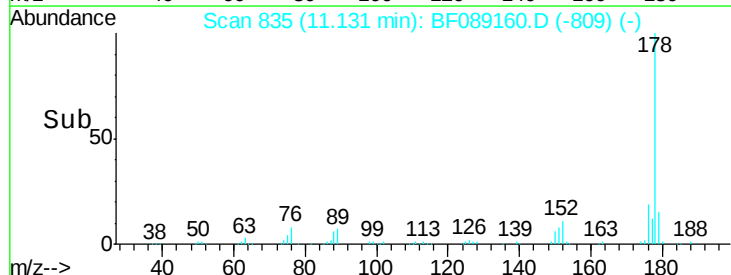
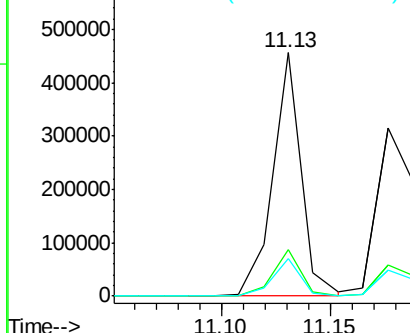


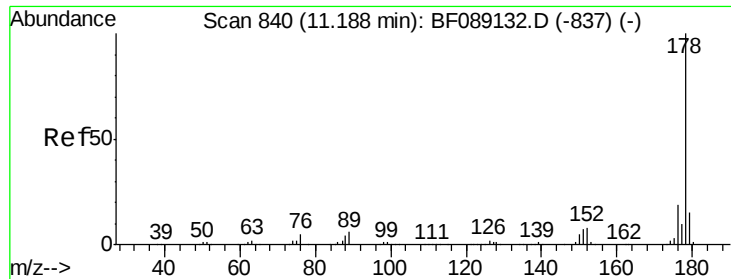
#70
 Phenanthrene
 Concen: 40.63 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:178 Resp: 417105
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

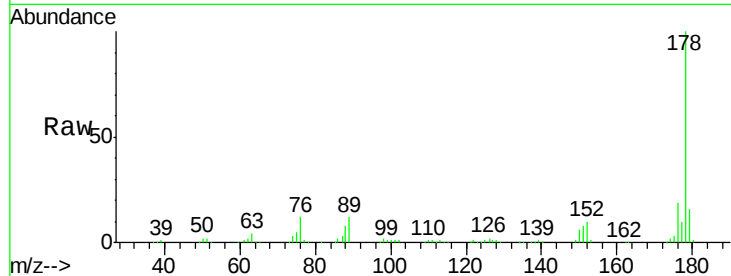




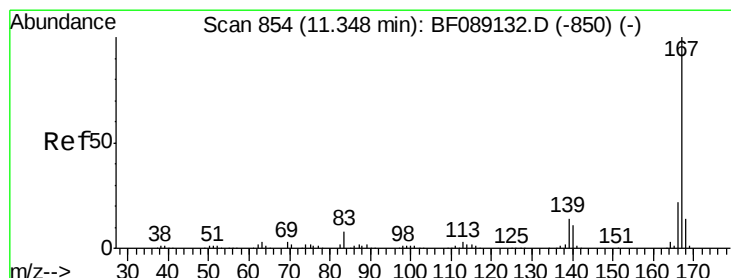
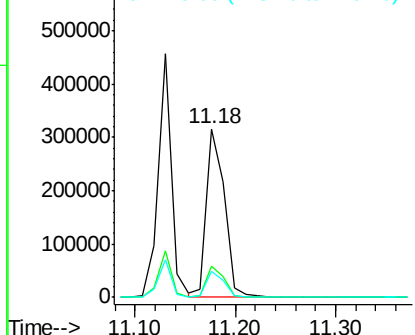
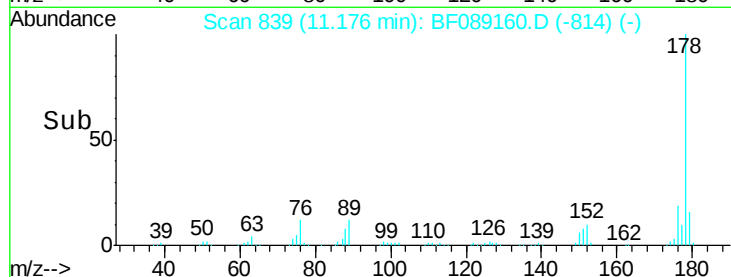
#71
 Anthracene
 Concen: 37.07 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 395565
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 15.6 12.0 18.0

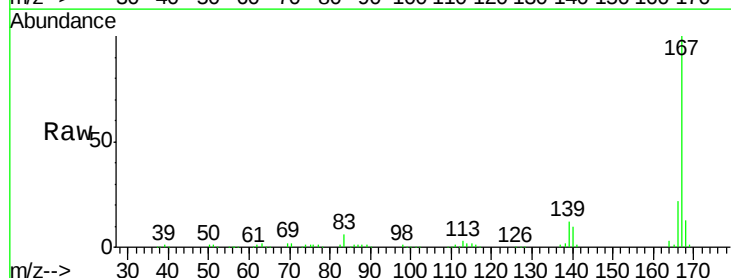


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

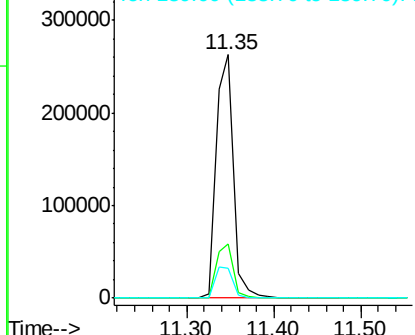
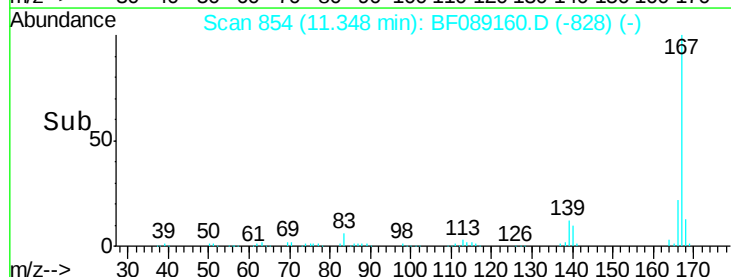


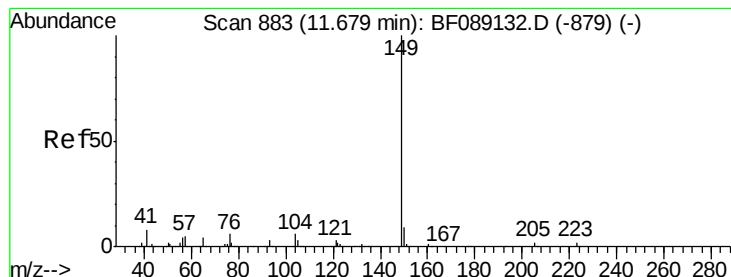
#72
 Carbazole
 Concen: 39.24 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:167 Resp: 367746
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.2 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: 39.38 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

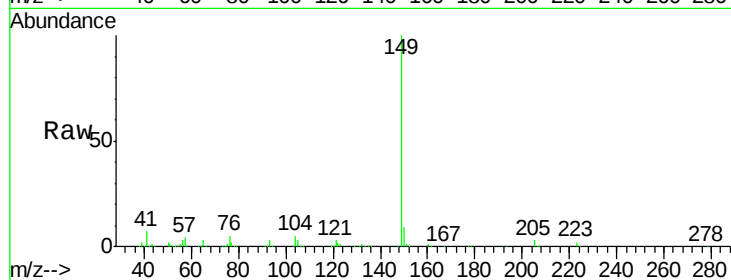
Tgt Ion:149 Resp: 456426

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

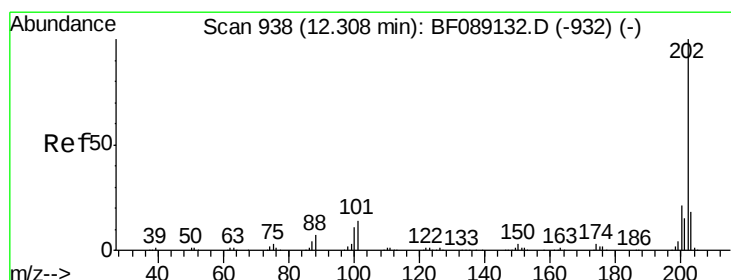
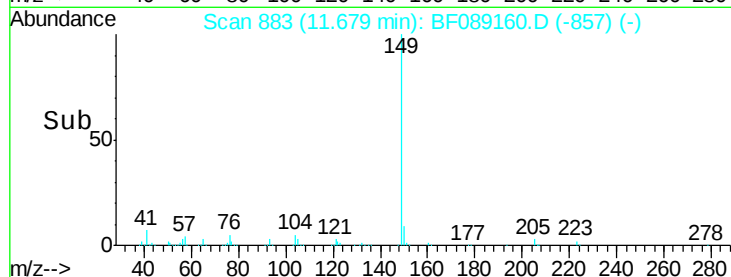
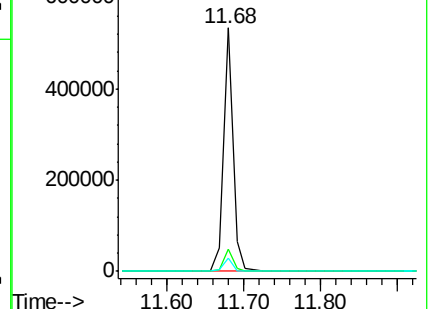
104 5.4 4.6 6.8



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: 40.67 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

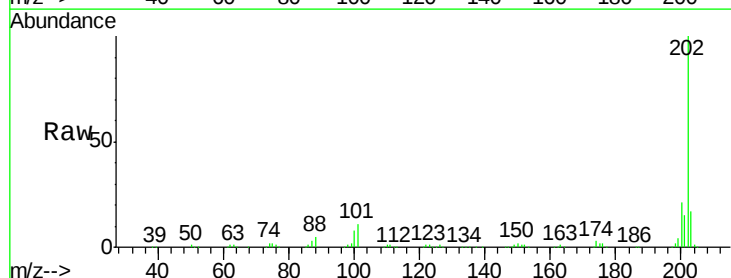
Tgt Ion:202 Resp: 438793

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.0

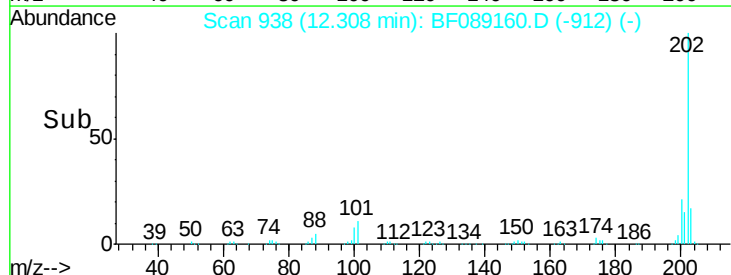
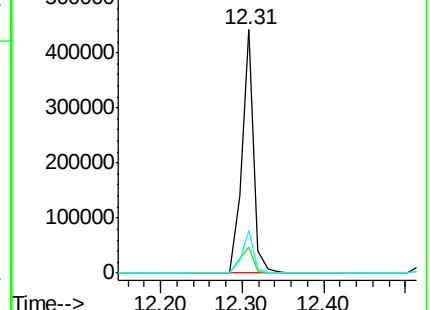
203 17.4 0.0 37.8

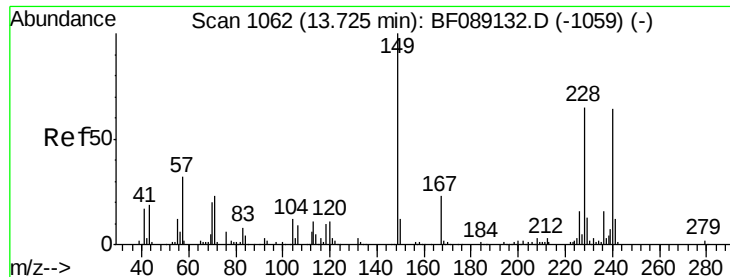


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

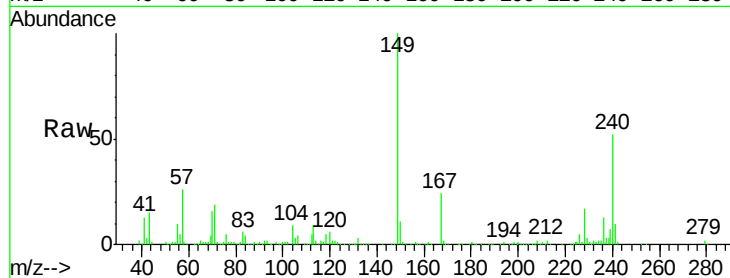
Tgt Ion:240 Resp: 133627

Ion Ratio Lower Upper

240 100

120 11.5 13.6 20.4#

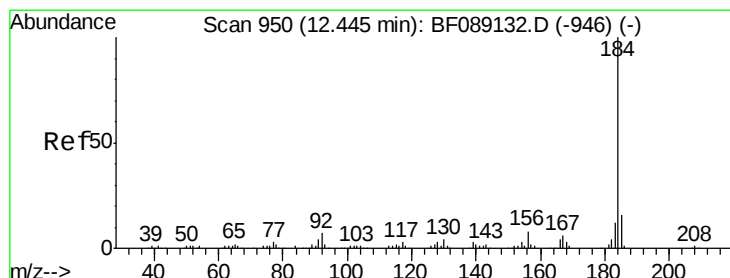
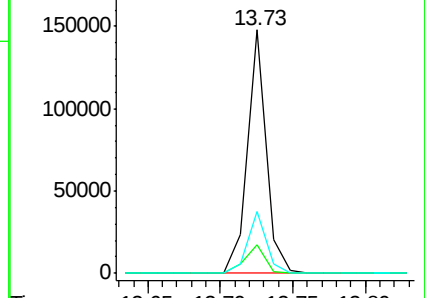
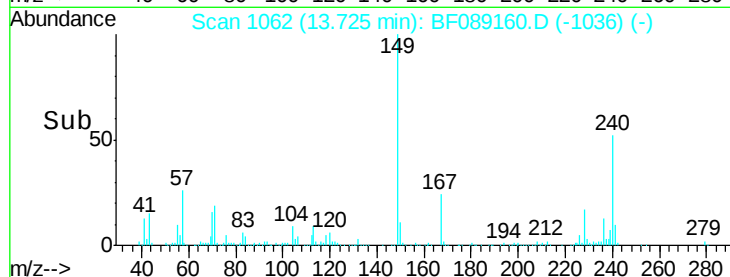
236 25.5 20.5 30.7



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: 33.77 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

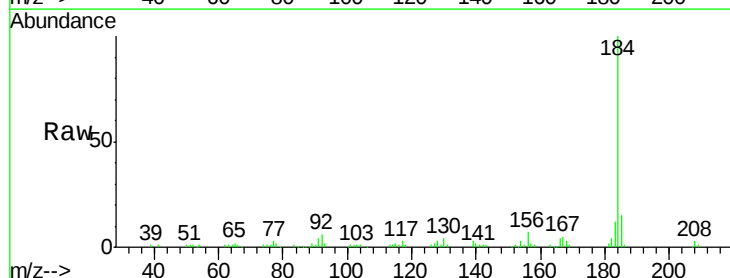
Tgt Ion:184 Resp: 155155

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

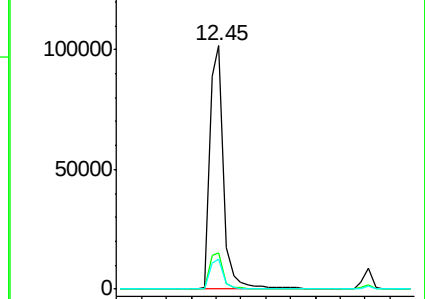
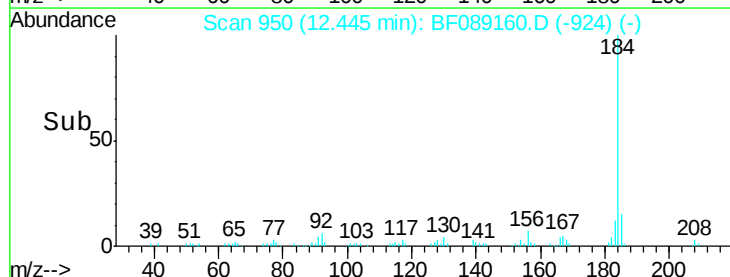
183 12.3 9.6 14.4

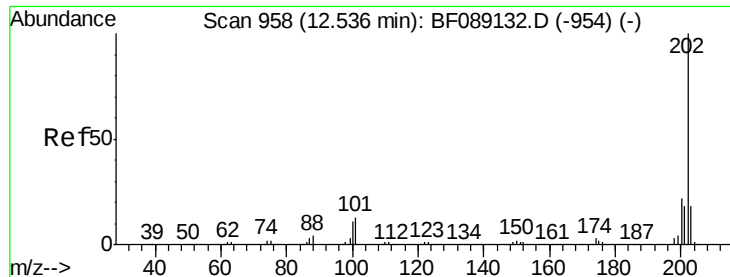


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

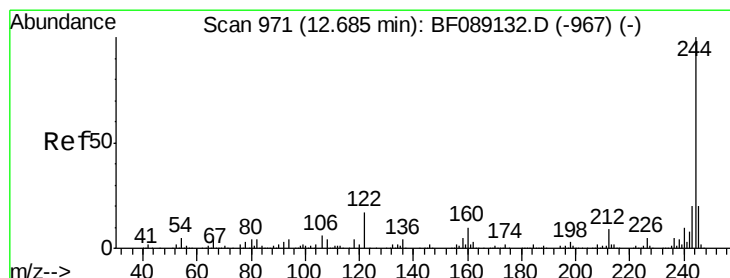
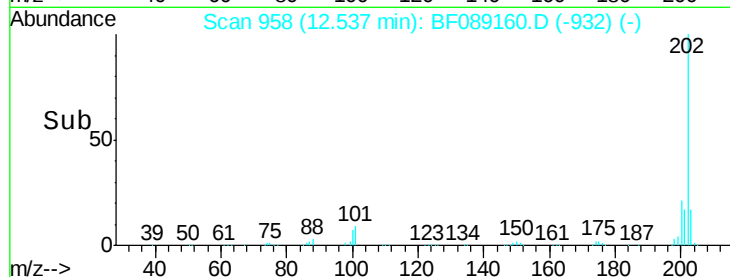
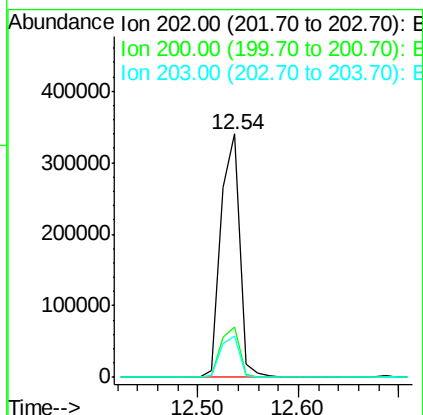
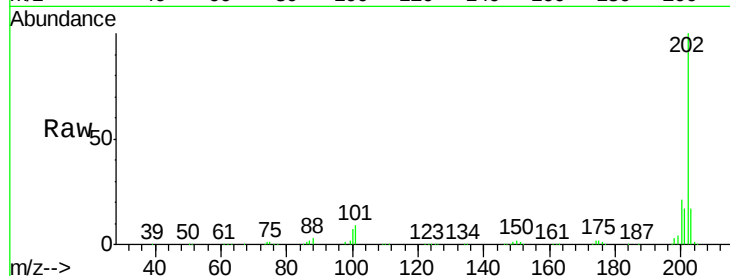




#77
 Pyrene
 Concen: 40.06 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

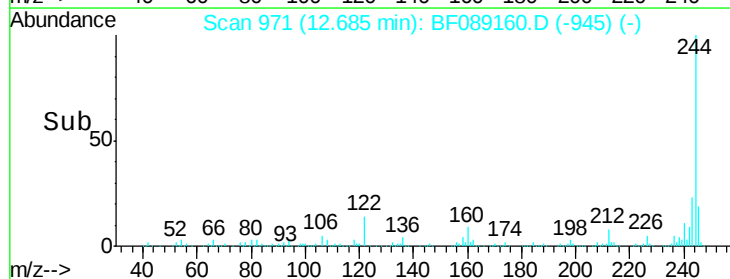
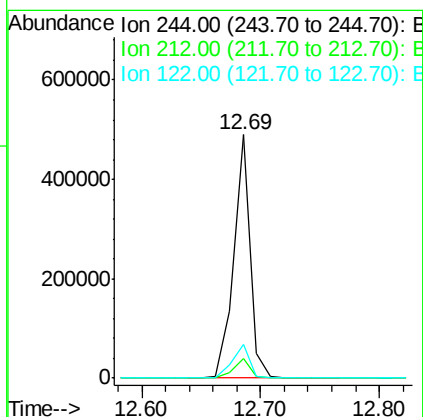
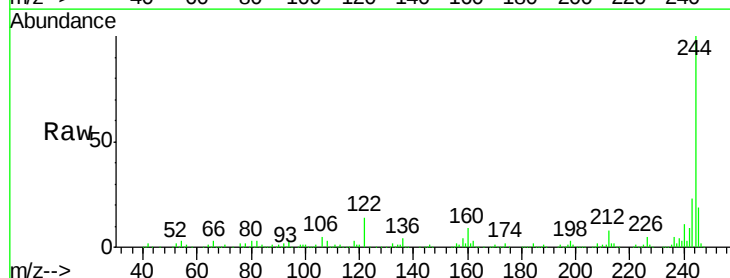
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

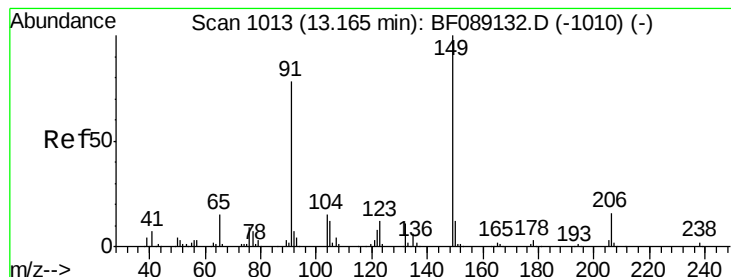
Tgt Ion:202 Resp: 442034
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.4 26.0
 203 17.1 14.2 21.2



#78
 Terphenyl-d14
 Concen: 76.25 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:244 Resp: 469762
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.0 10.4
 122 13.9 13.8 20.8





#79

Butylbenzylphthalate

Concen: 43.02 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

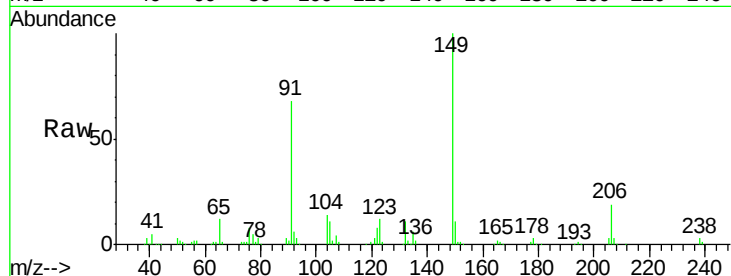
Tgt Ion:149 Resp: 200810

Ion Ratio Lower Upper

149 100

91 67.7 62.6 93.8

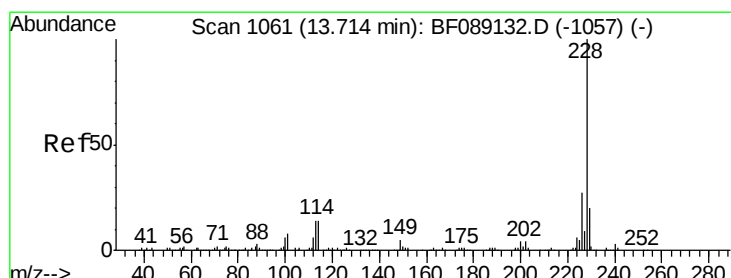
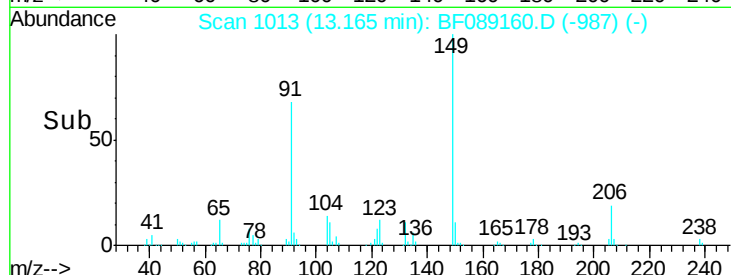
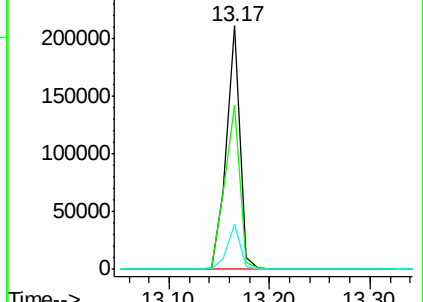
206 18.8 13.2 19.8



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: 39.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

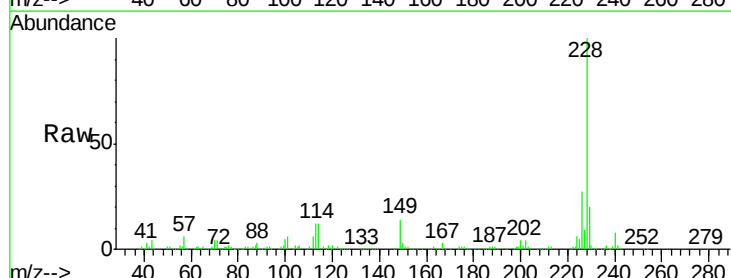
Tgt Ion:228 Resp: 331930

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

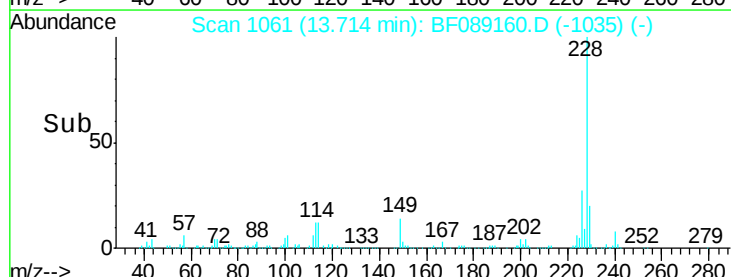
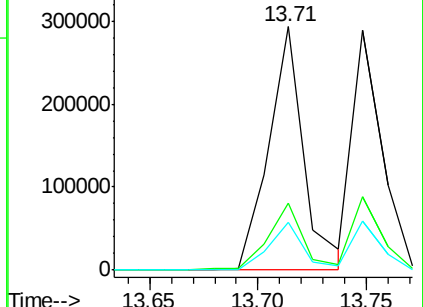
229 19.5 15.8 23.8



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

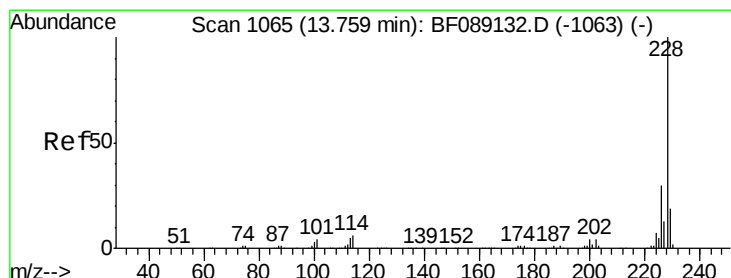
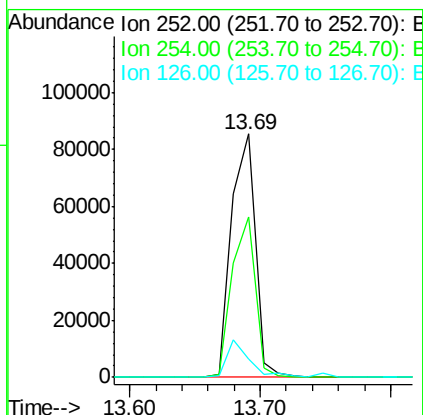
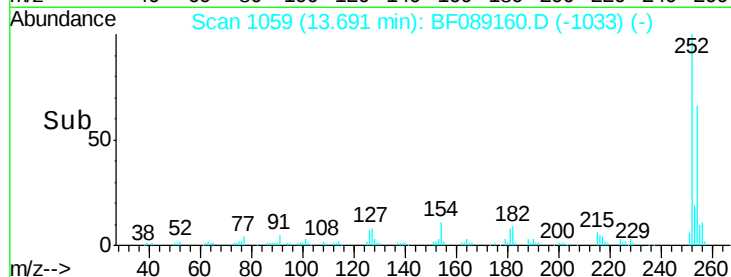
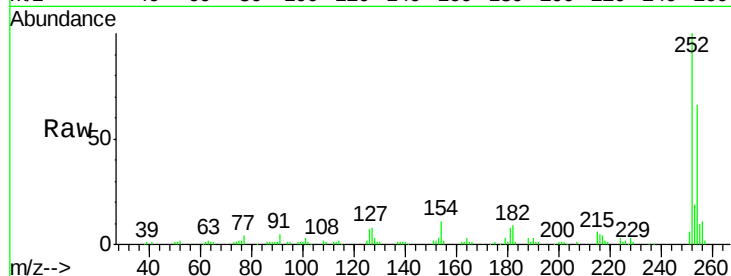




#81
 3,3'-Dichlorobenzidine
 Concen: 38.54 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

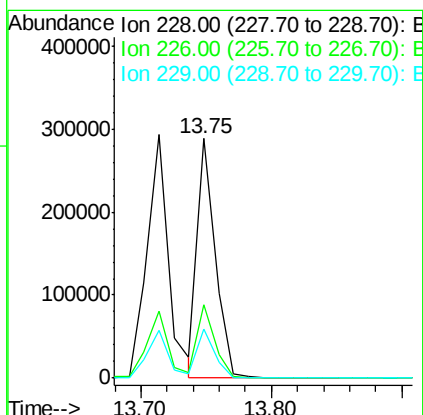
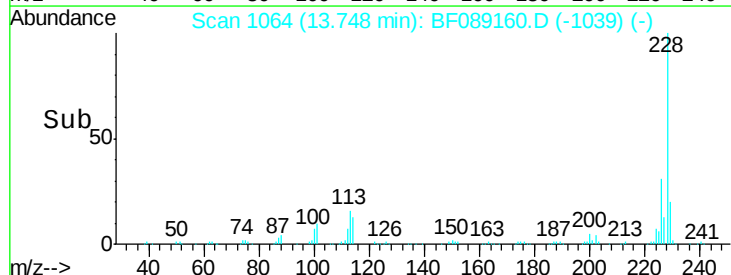
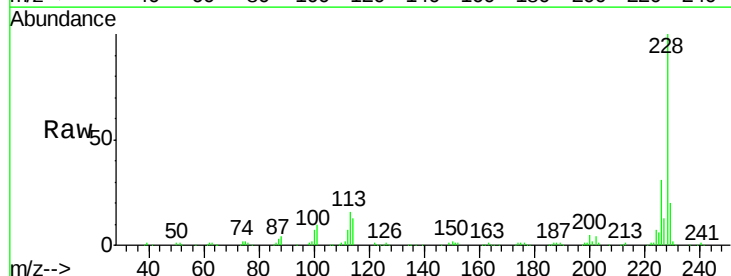
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

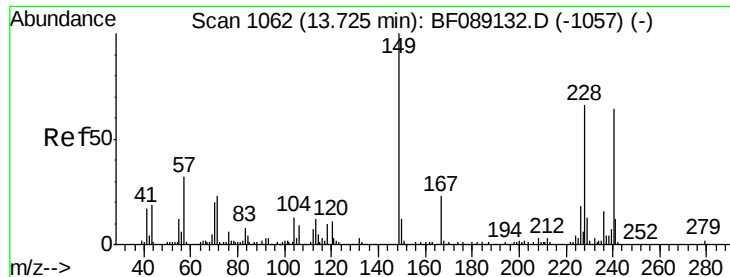
Tgt Ion: 252 Resp: 108812
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.4 75.6
 126 7.3 10.2 15.2#



#82
 Chrysene
 Concen: 33.78 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion: 228 Resp: 274576
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.8 35.8
 229 20.3 15.4 23.0

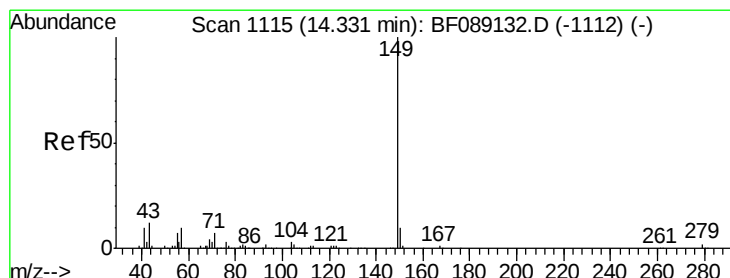
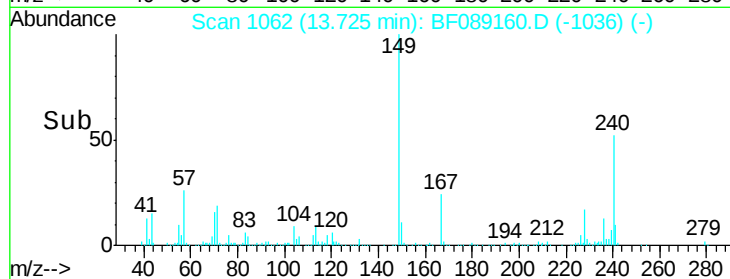
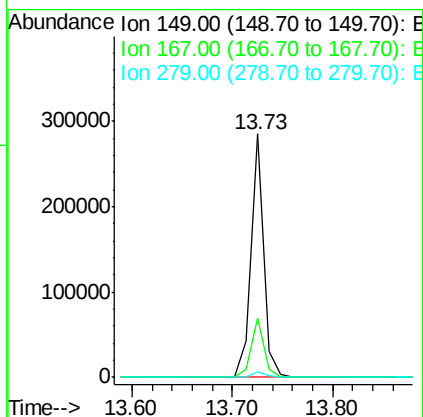
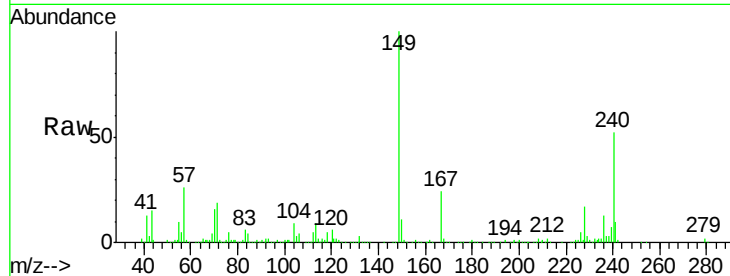




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.32 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

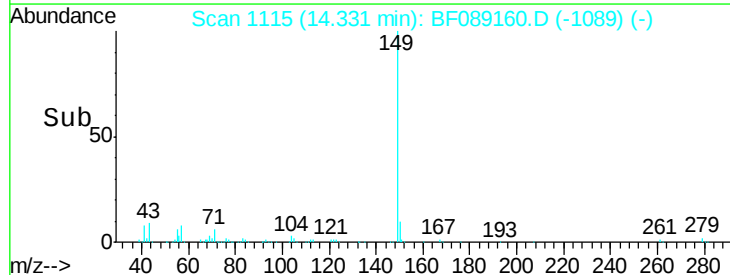
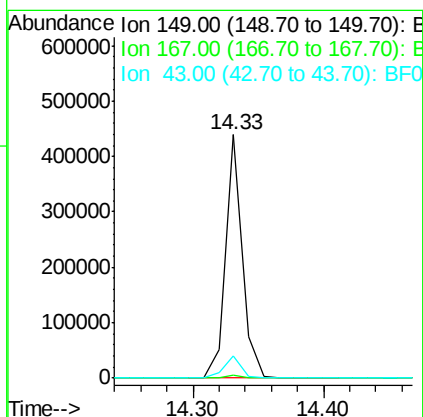
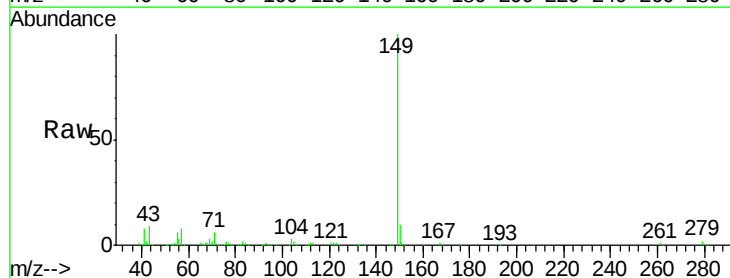
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

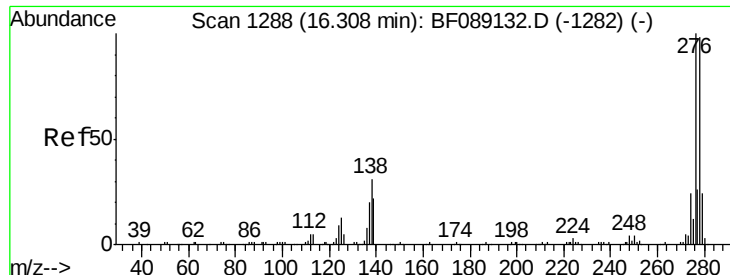
Tgt Ion:149 Resp: 249636
 Ion Ratio Lower Upper
 149 100
 167 24.4 18.6 28.0
 279 2.5 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 38.34 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion:149 Resp: 391752
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.6 7.3 10.9

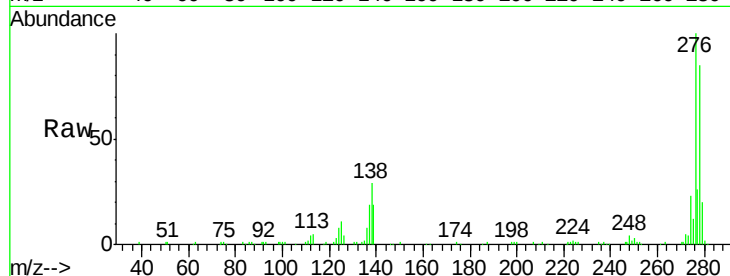




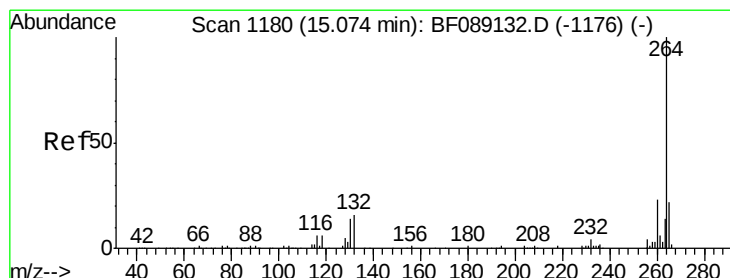
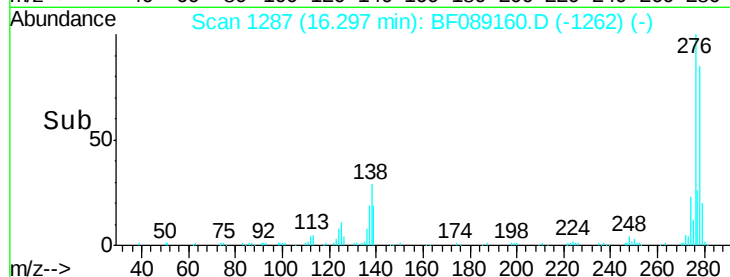
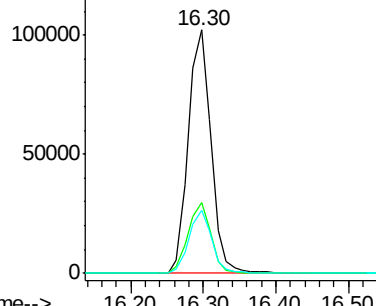
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.84 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.7	35.5
277	25.6	20.6	31.0

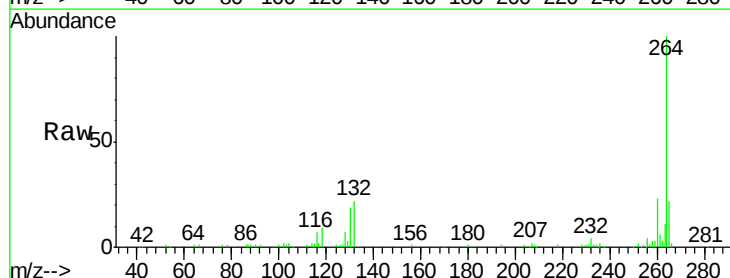


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

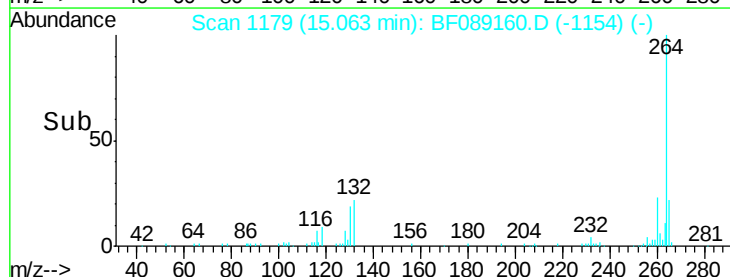
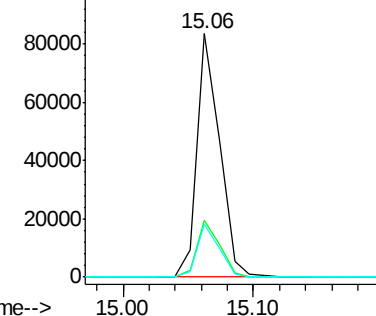


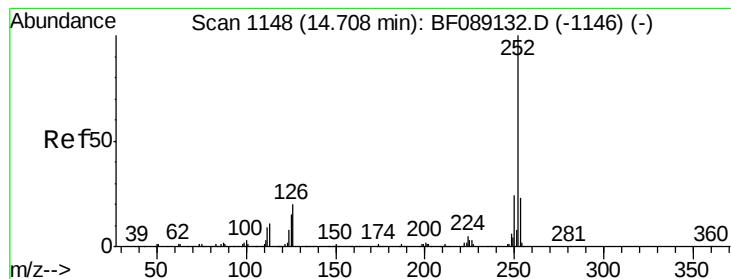
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089160.D
 Acq: 21 Jul 2016 5:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.5	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: 36.08 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

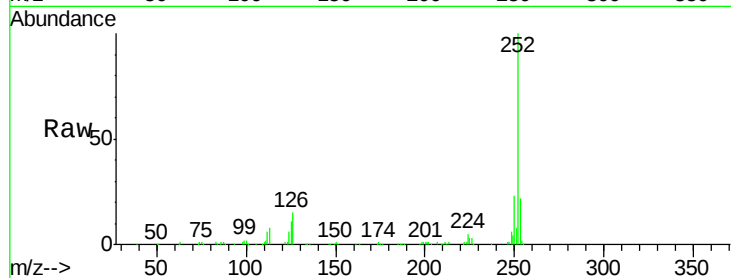
Tgt Ion:252 Resp: 264047

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

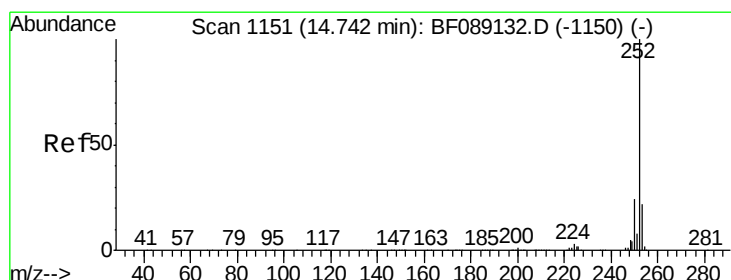
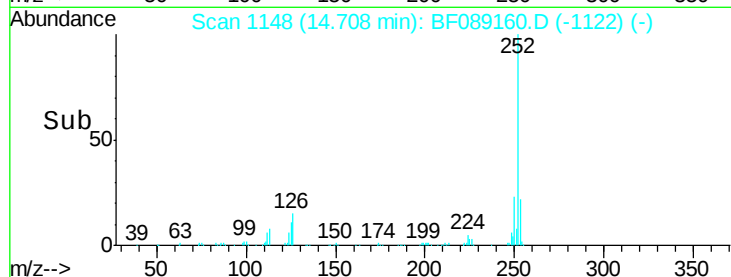
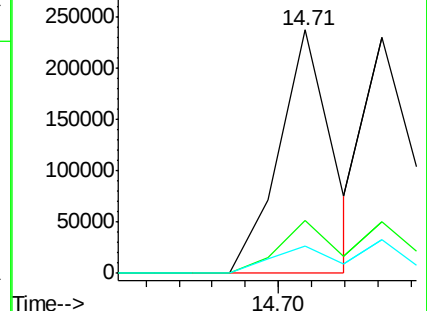
125 11.3 11.9 17.9#



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



#88

Benzo(k)fluoranthene

Concen: 44.15 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

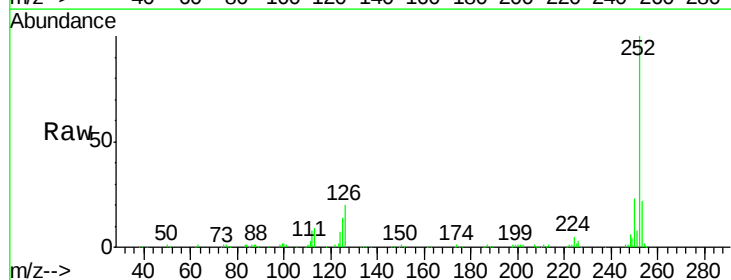
Tgt Ion:252 Resp: 231031

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

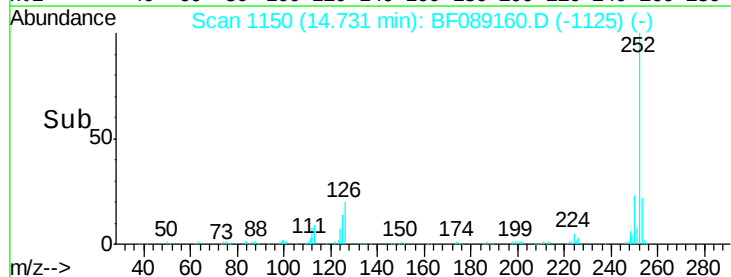
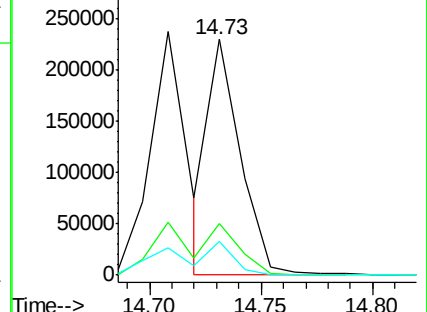
125 14.0 6.3 9.5#

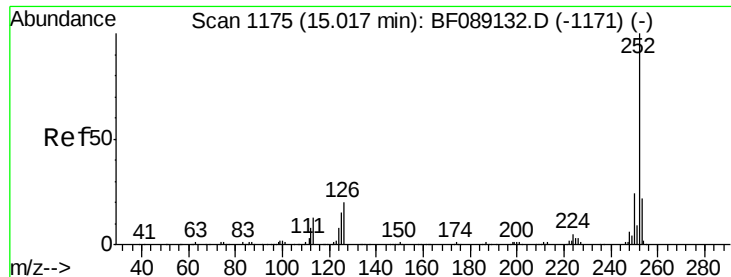


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.58 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

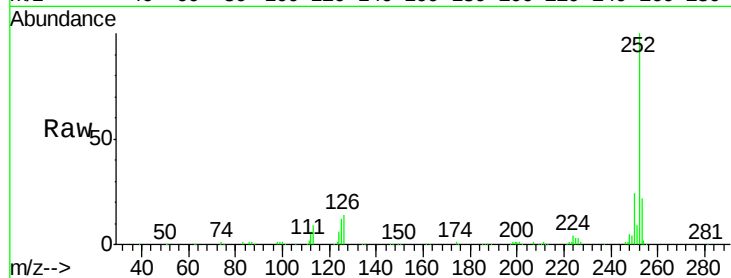
Tgt Ion:252 Resp: 230515

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

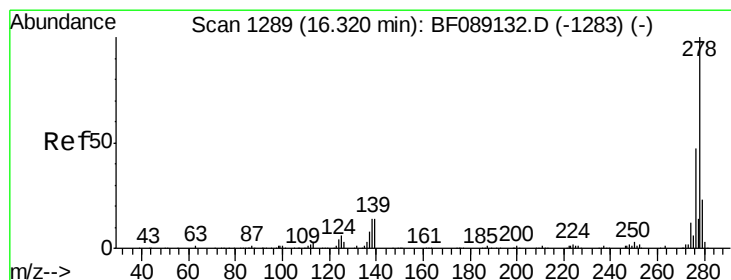
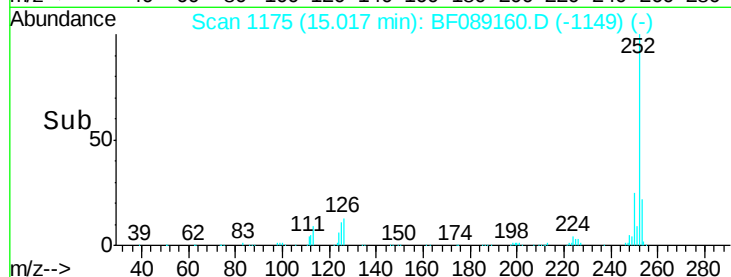
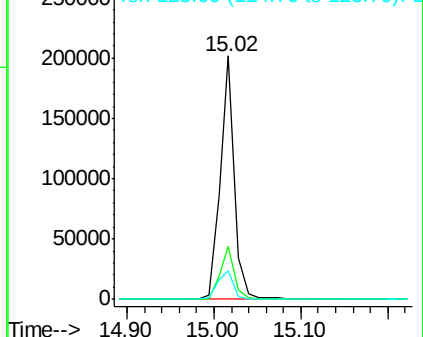
125 11.7 12.4 18.6#



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: 42.94 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

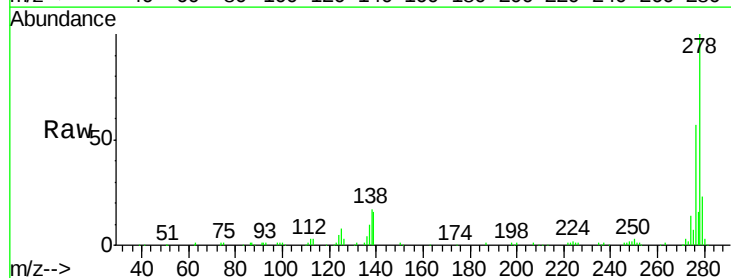
Tgt Ion:278 Resp: 192585

Ion Ratio Lower Upper

278 100

139 15.8 11.4 17.2

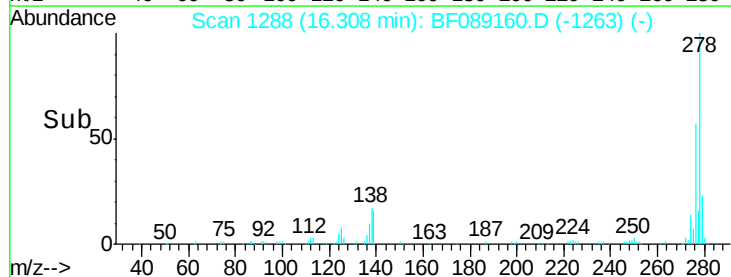
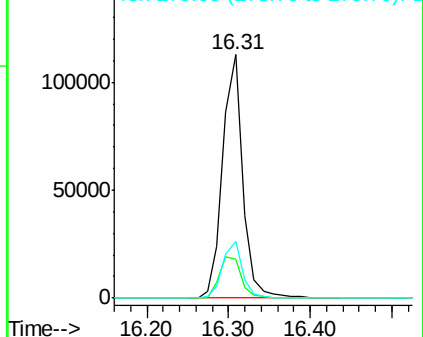
279 23.2 18.4 27.6

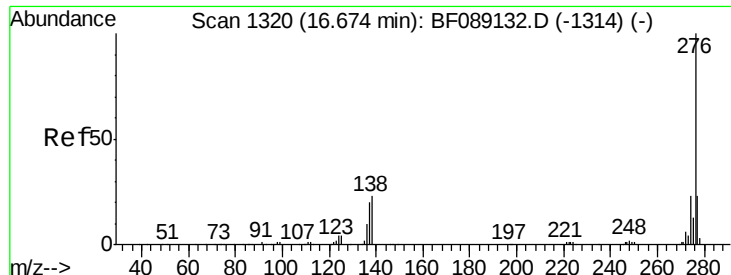


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.98 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089160.D

Acq: 21 Jul 2016 5:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

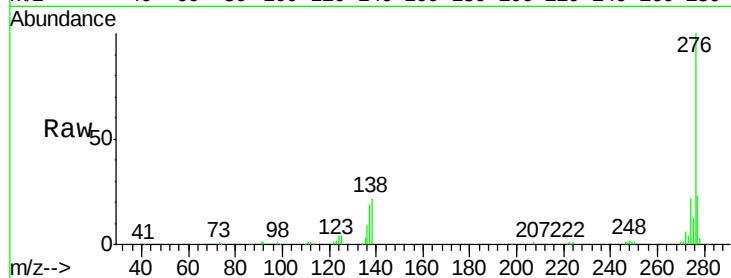
Tgt Ion: 276 Resp: 194356

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 22.1 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

