

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
 Data File : BF089014.D
 Acq On : 15 Jul 2016 13:55
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 15 23:08:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	56305	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	235897	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	114422	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	222823	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	159069	20.00	ng	-0.03
86) Perylene-d12	15.18	264	133580	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	314402	83.69	ng	-0.02
7) Phenol-d6	6.33	99	361457	74.46	ng	-0.02
23) Nitrobenzene-d5	7.24	82	344823	76.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	83112	78.22	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	630990	87.11	ng	-0.03
78) Terphenyl-d14	12.78	244	608357	85.18	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	62543	33.58	ng	# 30
3) Pyridine	2.81	79	169238	31.31	ng	94
4) n-Nitrosodimethylamine	2.78	42	76918	37.25	ng	99
6) Aniline	6.34	93	261874	37.02	ng	# 31
8) 2-Chlorophenol	6.47	128	171934	42.58	ng	87
9) Benzaldehyde	6.22	77	112852	34.32	ng	87
10) Phenol	6.34	94	192360	34.72	ng	# 38
11) bis(2-Chloroethyl)ether	6.42	93	164004	39.70	ng	87
12) 1,3-Dichlorobenzene	6.62	146	182215	41.01	ng	98
13) 1,4-Dichlorobenzene	6.70	146	190191	43.12	ng	97
14) 1,2-Dichlorobenzene	6.84	146	154773	37.49	ng	# 87
15) Benzyl Alcohol	6.83	79	146308	40.95	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.97	45	192640	32.20	ng	87
17) 2-Methylphenol	6.95	107	127890	38.83	ng	92
18) Hexachloroethane	7.19	117	69180	40.55	ng	# 83
19) n-Nitroso-di-n-propylamine	7.11	70	128044	39.27	ng	92
20) 3+4-Methylphenols	7.11	107	160800	40.67	ng	# 82
22) Acetophenone	7.10	105	238717	41.69	ng	# 92
24) Nitrobenzene	7.27	77	194523	42.86	ng	# 85
25) Isophorone	7.51	82	311322	37.34	ng	94
26) 2-Nitrophenol	7.59	139	94092	50.56	ng	# 82
27) 2,4-Dimethylphenol	7.63	122	147323	38.01	ng	89
28) bis(2-Chloroethoxy)methane	7.72	93	198562	36.59	ng	# 94
29) 2,4-Dichlorophenol	7.83	162	123976	39.57	ng	96
30) 1,2,4-Trichlorobenzene	7.91	180	139992	40.72	ng	98
31) Naphthalene	7.99	128	508385	43.71	ng	99
32) Benzoic acid	7.78	122	104188	37.02	ng	86
33) 4-Chloroaniline	8.04	127	226648	43.80	ng	96
34) Hexachlorobutadiene	8.11	225	80686	43.83	ng	98
35) Caprolactam	8.42	113	39196	36.84	ng	94
36) 4-Chloro-3-methylphenol	8.54	107	160657	43.37	ng	93
37) 2-Methylnaphthalene	8.67	142	293054	39.14	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	157202	41.31	ng	# 1
40) Hexachlorocyclopentadiene	8.83	237	60977	32.64	ng	100

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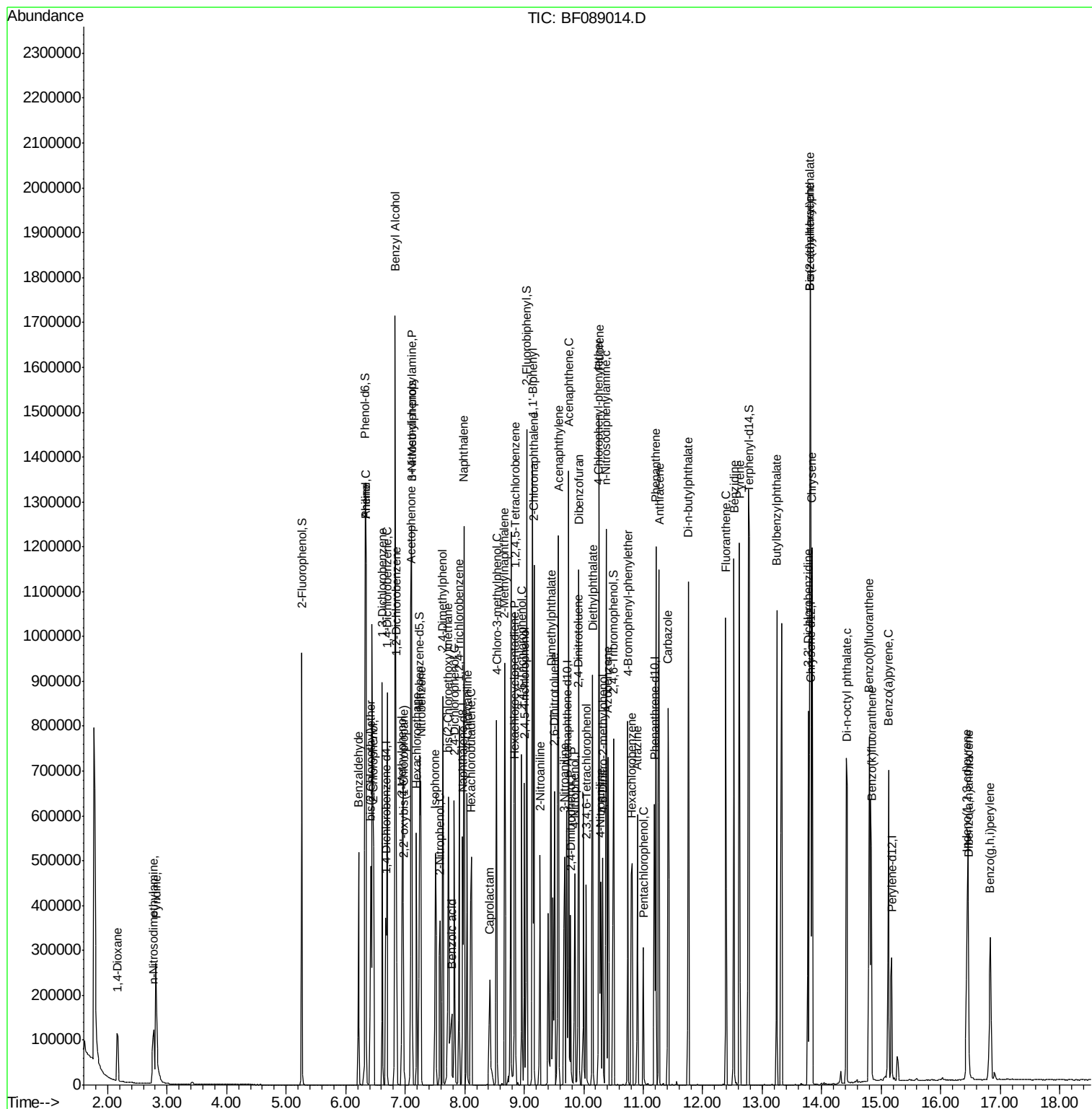
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	92488	36.86	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	98249	45.51	nq	# 92
45) 1,1'-Biphenyl	9.14	154	378799	39.98	nq	99
46) 2-Chloronaphthalene	9.16	162	309274	41.58	nq	98
47) 2-Nitroaniline	9.27	65	110622	41.91	nq	# 73
48) Acenaphthylene	9.58	152	495076	41.83	nq	99
49) Dimethylphthalate	9.45	163	330503	40.54	nq	99
50) 2,6-Dinitrotoluene	9.51	165	69902	38.69	nq	# 46
51) Acenaphthene	9.75	154	279252	38.49	nq	97
52) 3-Nitroaniline	9.68	138	102743	44.74	nq	92
53) 2,4-Dinitrophenol	9.78	184	40388	50.63	nq	91
54) Dibenzofuran	9.92	168	395710	41.67	nq	# 88
55) 4-Nitrophenol	9.85	139	66776	38.26	nq	93
56) 2,4-Dinitrotoluene	9.91	165	90311	38.23	nq	# 40
57) Fluorene	10.26	166	353705	48.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	70534	42.23	nq	# 52
59) Diethylphthalate	10.15	149	373503	45.65	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	136206	40.06	nq	# 83
61) 4-Nitroaniline	10.28	138	82161	37.17	nq	# 76
62) Azobenzene	10.41	77	344123	36.88	nq	92
64) 4,6-Dinitro-2-methylphenol	10.32	198	56634	47.52	nq	94
65) n-Nitrosodiphenylamine	10.38	169	291695	38.68	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	91976	40.96	nq	# 87
67) Hexachlorobenzene	10.81	284	97741	39.32	nq	# 76
68) Atrazine	10.90	200	94091	40.04	nq	90
69) Pentachlorophenol	11.00	266	46005	31.27	nq	98
70) Phenanthrene	11.21	178	433996	35.63	nq	99
71) Anthracene	11.27	178	538466	44.46	nq	98
72) Carbazole	11.42	167	421595	36.98	nq	99
73) Di-n-butylphthalate	11.76	149	522005	39.37	nq	99
74) Fluoranthene	12.39	202	480961	38.95	nq	98
76) Benzydine	12.52	184	505342	62.85	nq	99
77) Pyrene	12.62	202	476857	35.36	nq	99
79) Butylbenzylphthalate	13.25	149	224126	37.25	nq	# 77
80) Benzo(a)anthracene	13.81	228	409864	40.02	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	153733	39.92	nq	# 97
82) Chrysene	13.84	228	386363	38.13	nq	98
83) Bis(2-ethylhexyl)phthalate	13.81	149	302689	44.07	nq	# 96
84) Di-n-octyl phthalate	14.42	149	523816	44.89	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	273571	35.09	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	327913m	39.13	nq	
88) Benzo(k)fluoranthene	14.83	252	321321m	44.05	nq	
89) Benzo(a)pyrene	15.12	252	289428	40.79	nq	97
90) Dibenzo(a,h)anthracene	16.47	278	240862	40.66	nq	# 93
91) Benzo(g,h,i)perylene	16.83	276	233498	38.09	nq	96

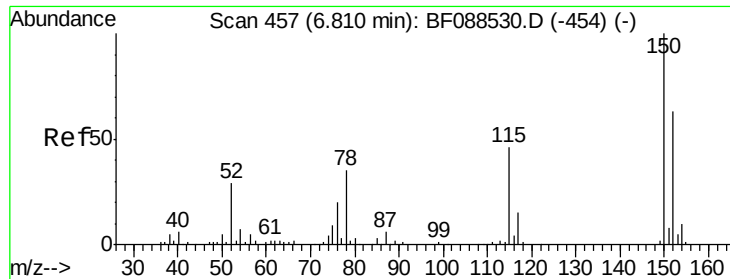
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCCC040  
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ALS Vial  : 2      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

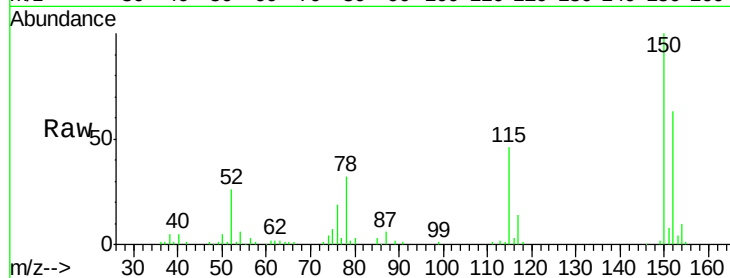
Tot Ion:152 Resp: 56305

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

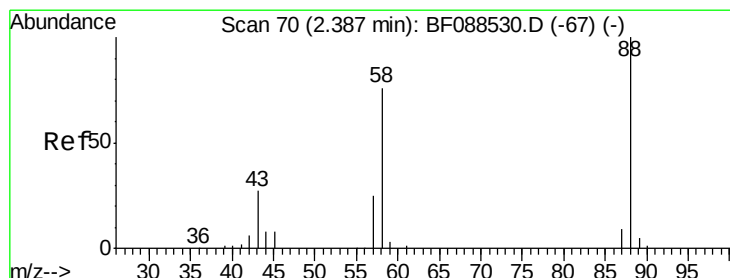
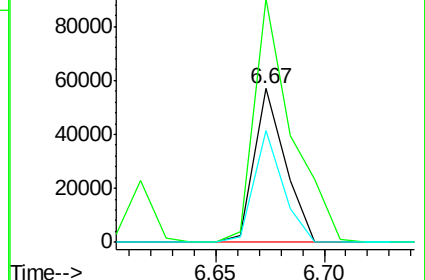
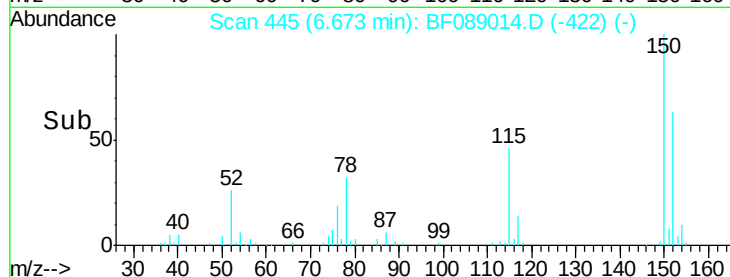
115 72.9 39.6 59.4#



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: 33.58 ng

RT: 2.17 min Scan# 51

Delta R.T. -0.05 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

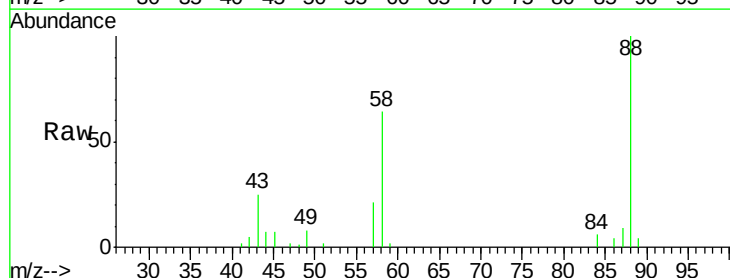
Tgt Ion: 88 Resp: 62543

Ion Ratio Lower Upper

88 100

58 66.6 0.0 0.0#

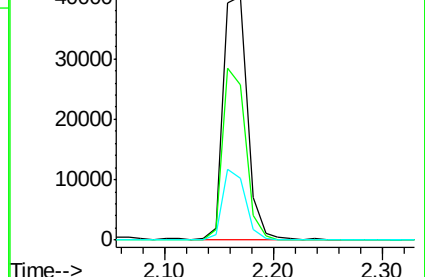
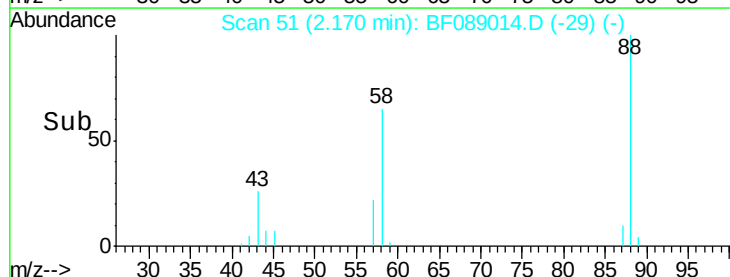
43 27.3 3.4 5.2#

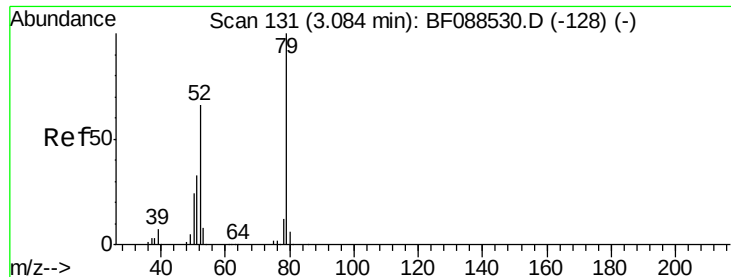


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.31 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.07 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

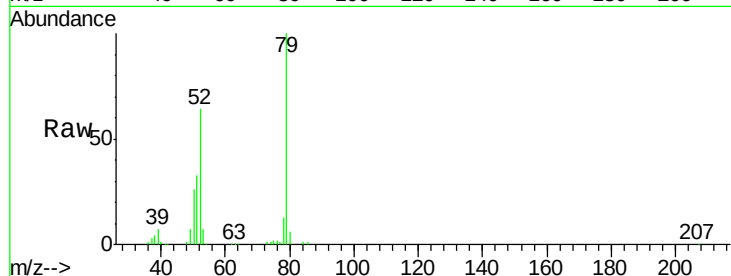
Tot Ion: 79 Resp: 169238

Ion Ratio Lower Upper

79 100

52 64.2 56.3 84.5

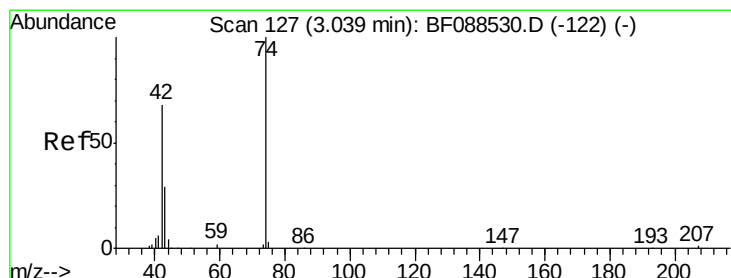
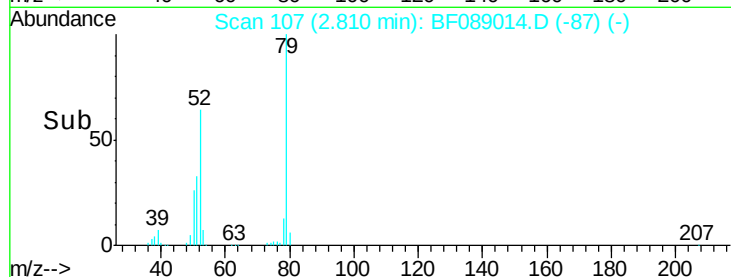
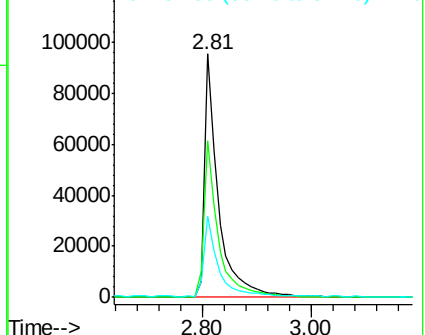
51 33.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.25 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.06 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

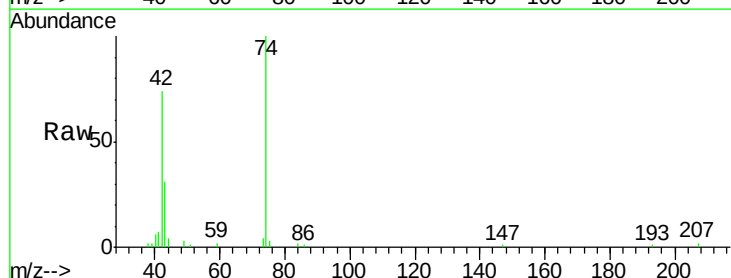
Tgt Ion: 42 Resp: 76918

Ion Ratio Lower Upper

42 100

74 134.5 108.6 163.0

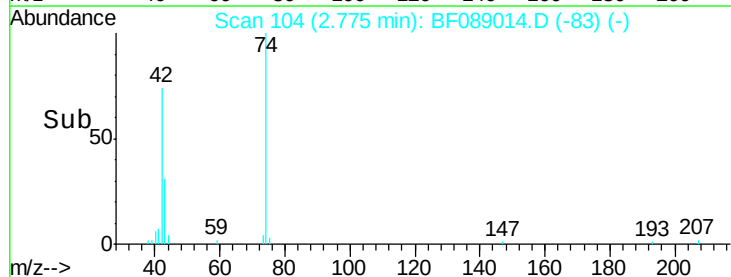
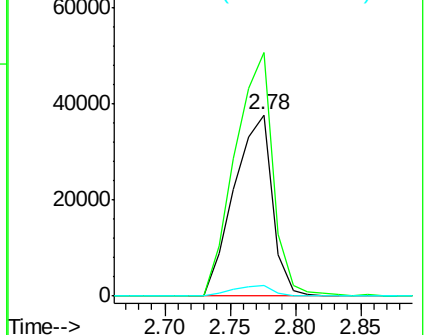
44 6.1 5.5 8.3

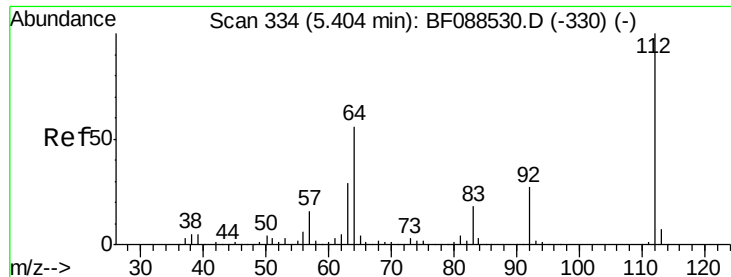


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.69 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

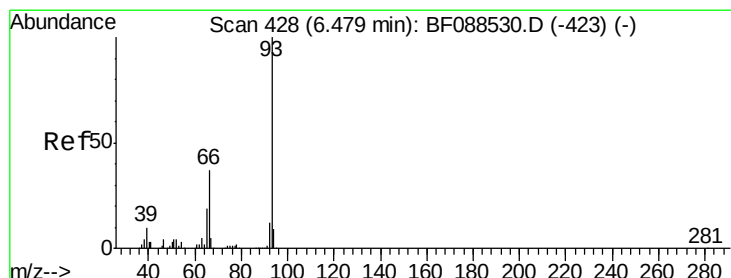
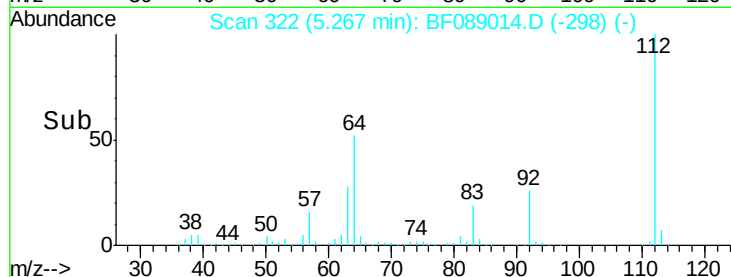
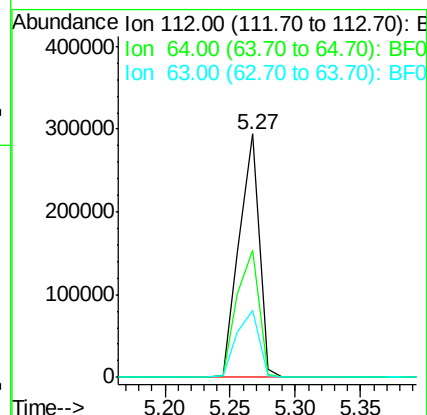
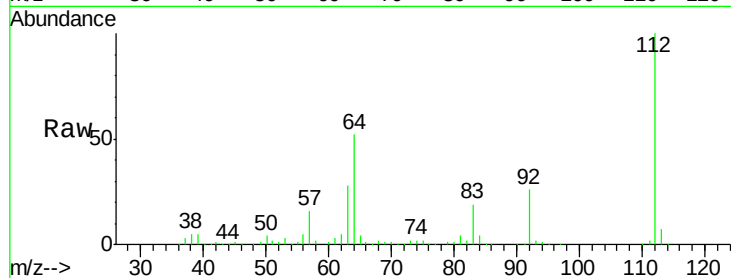
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	314402
Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.2	63.2
63	27.7	21.8	32.8



#6

Aniline

Concen: 37.02 ng

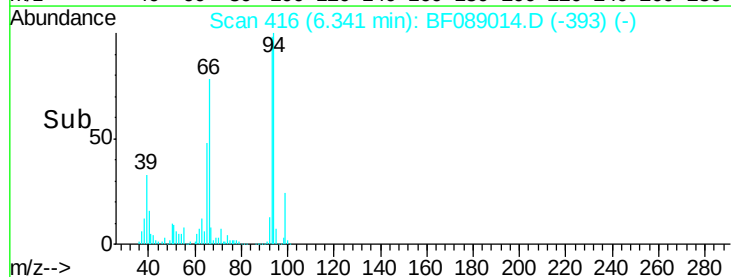
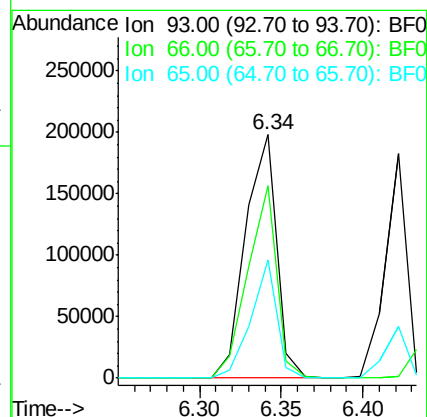
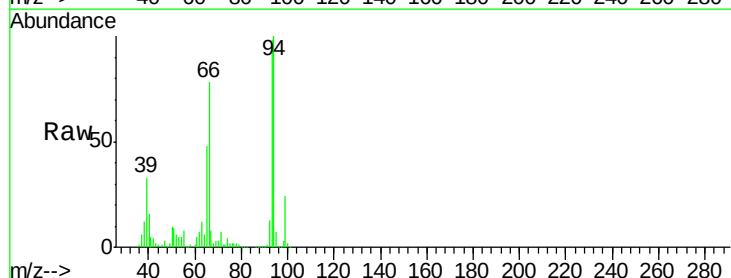
RT: 6.34 min Scan# 416

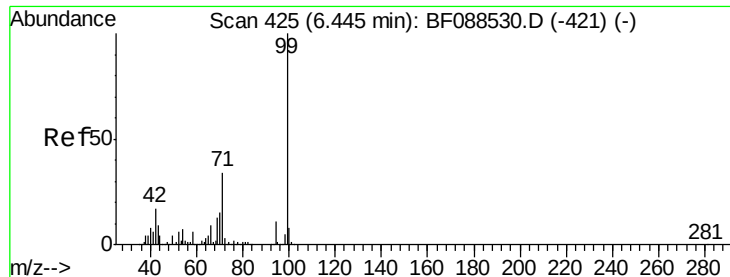
Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Tgt Ion:	93	Resp:	261874
Ion	Ratio	Lower	Upper
93	100		
66	79.0	29.8	44.8#
65	48.6	14.9	22.3#





#7

Phenol-d6

Concen: 74.46 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

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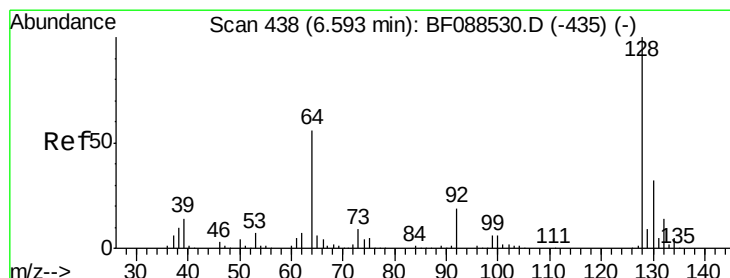
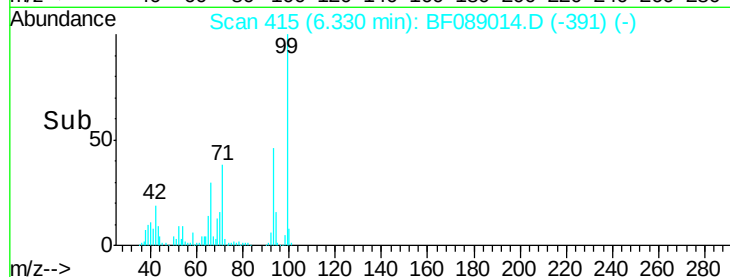
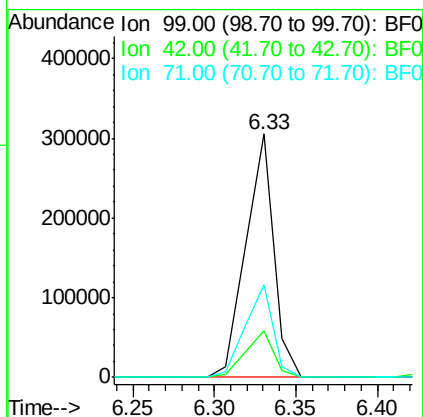
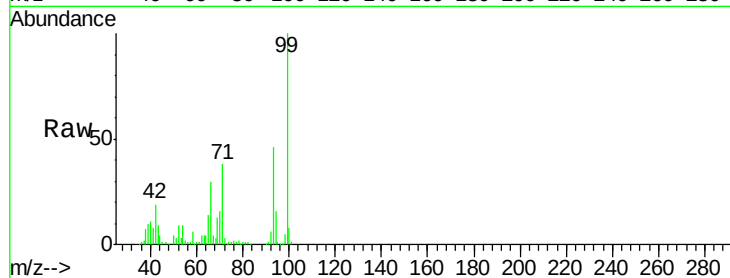
Tot Ion: 99 Resp: 361457

Ion Ratio Lower Upper

99 100

42 19.1 12.2 18.2#

71 38.0 23.4 35.0#



#8

2-Chlorophenol

Concen: 42.58 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

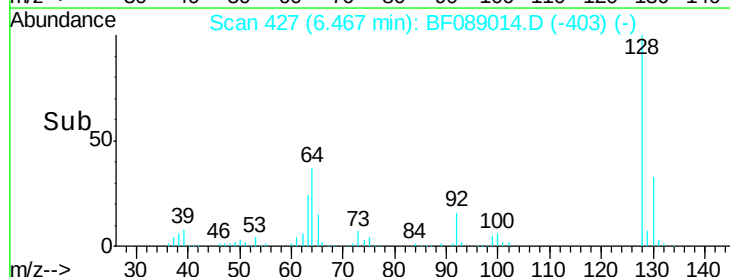
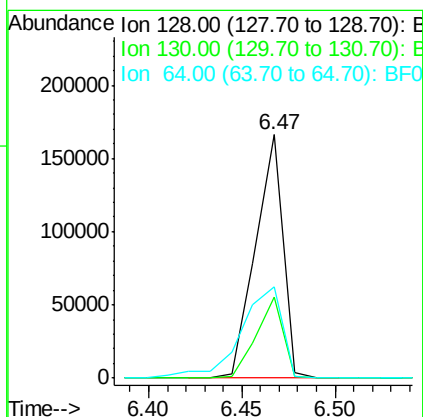
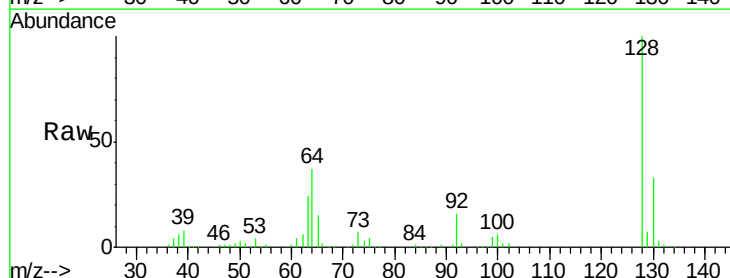
Tgt Ion: 128 Resp: 171934

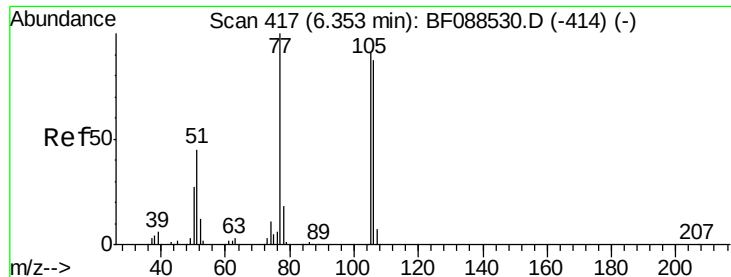
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 37.4 30.8 70.8





#9

Benzaldehyde

Concen: 34.32 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

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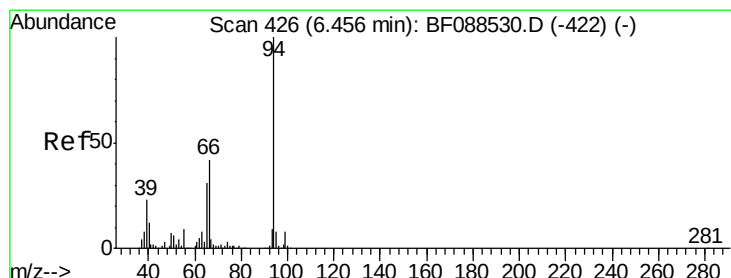
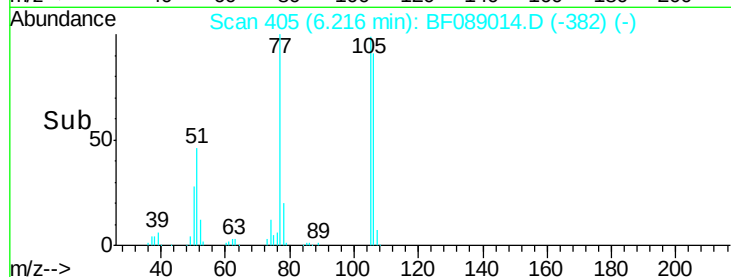
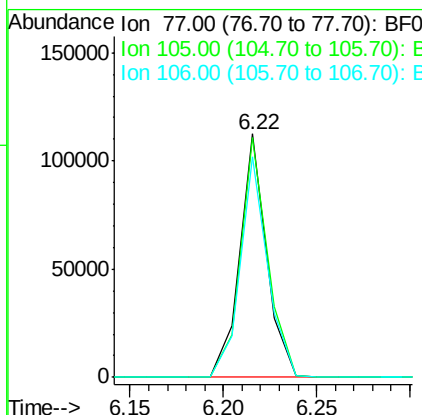
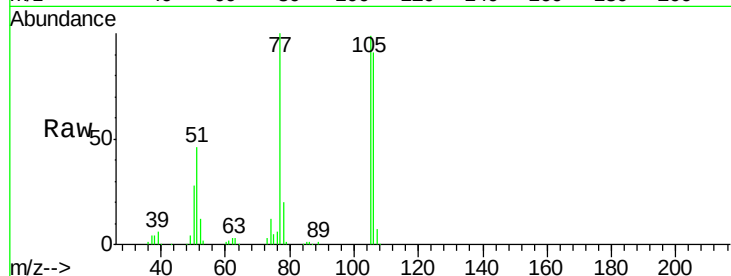
Tot Ion: 77 Resp: 112852

Ion Ratio Lower Upper

77 100

105 98.6 90.6 130.6

106 90.8 85.3 125.3



#10

Phenol

Concen: 34.72 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

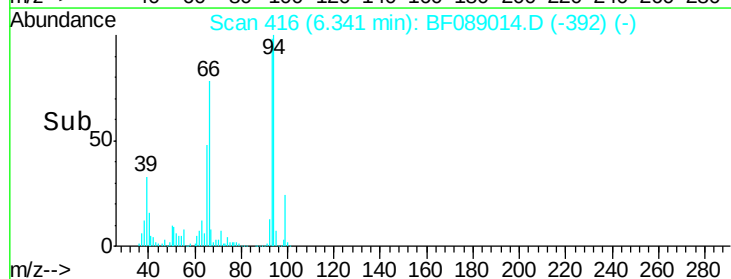
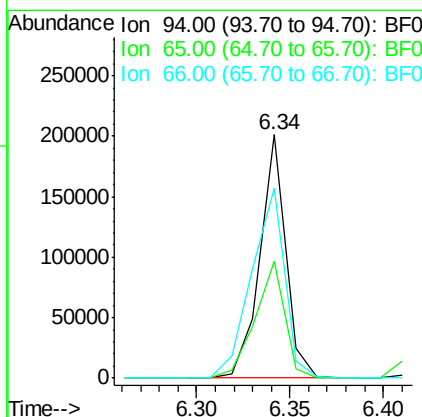
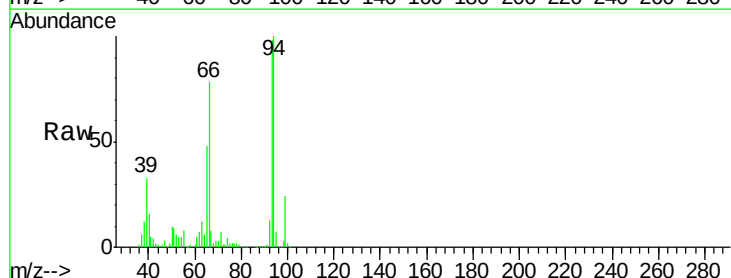
Tgt Ion: 94 Resp: 192360

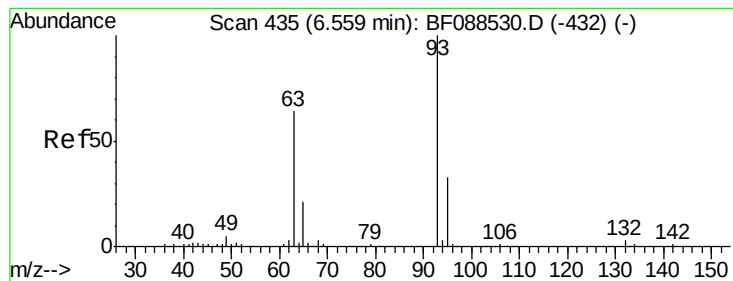
Ion Ratio Lower Upper

94 100

65 47.9 5.9 45.9#

66 77.7 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 39.70 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

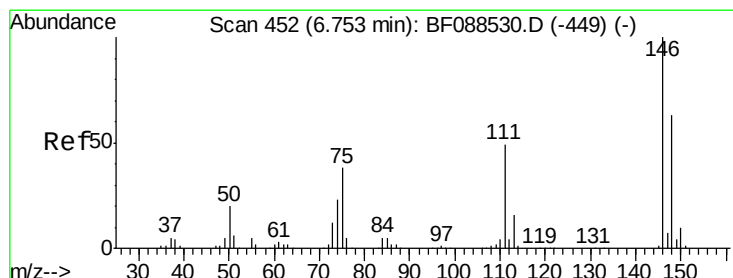
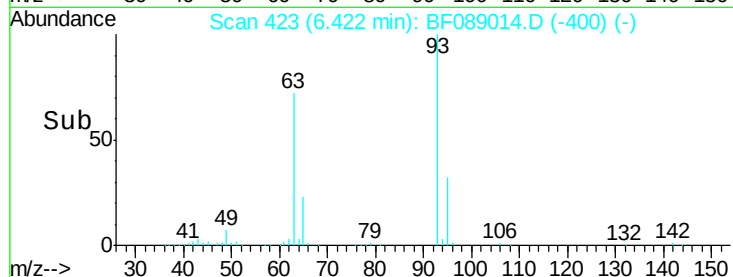
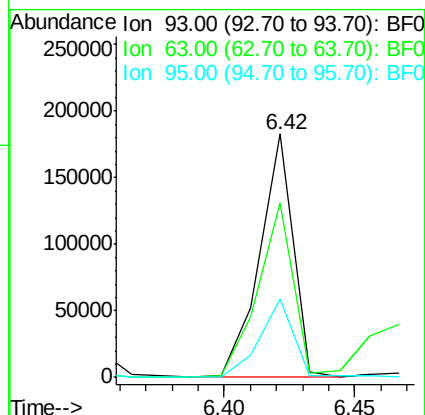
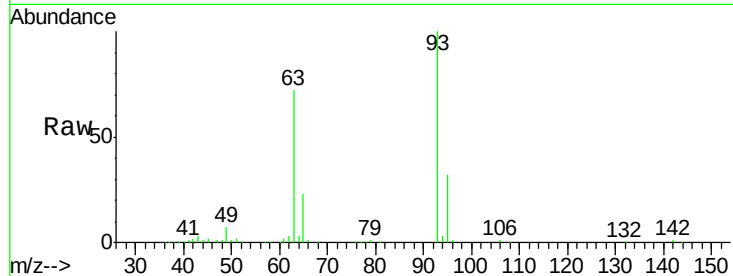
Tot Ion: 93 Resp: 164004

Ion Ratio Lower Upper

93 100

63 71.8 67.6 107.6

95 32.1 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 41.01 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

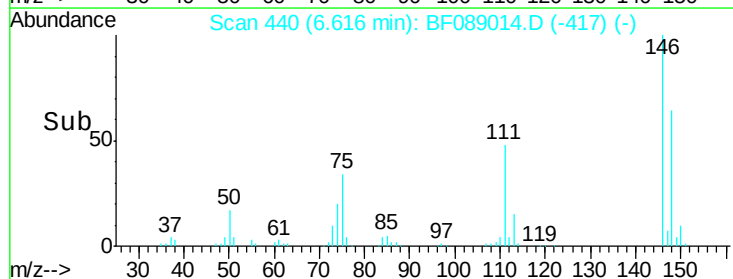
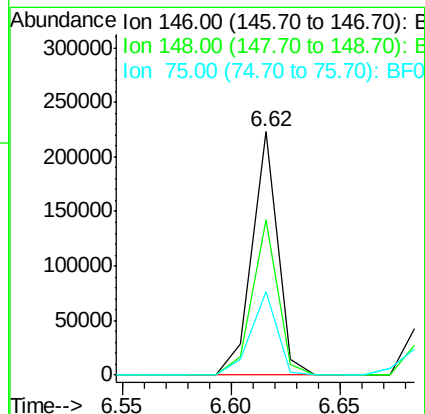
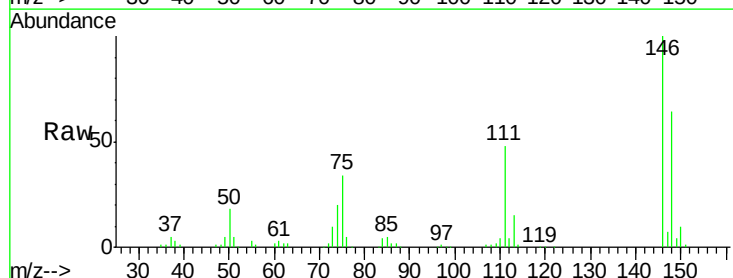
Tgt Ion: 146 Resp: 182215

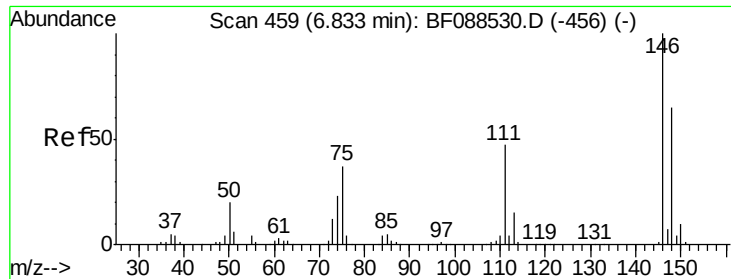
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 34.5 25.6 38.4

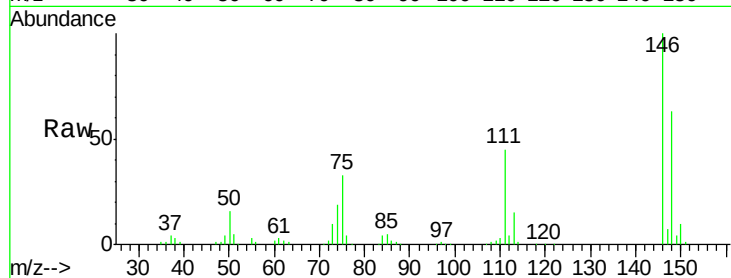




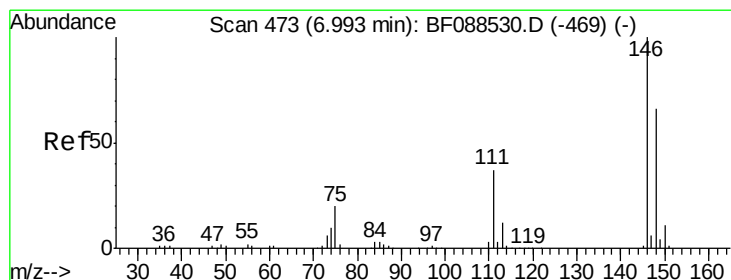
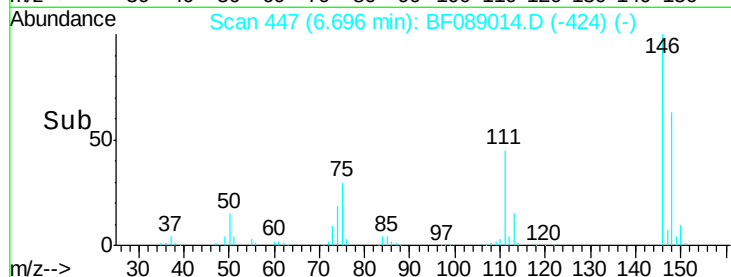
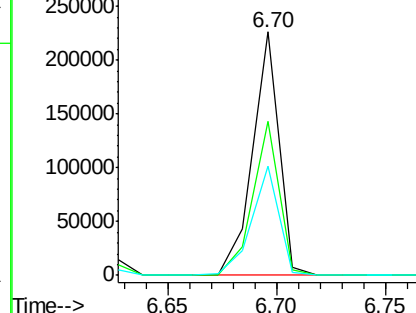
#13
 1,4-Dichlorobenzene
 Concen: 43.12 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 190191
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 44.6 33.8 50.8

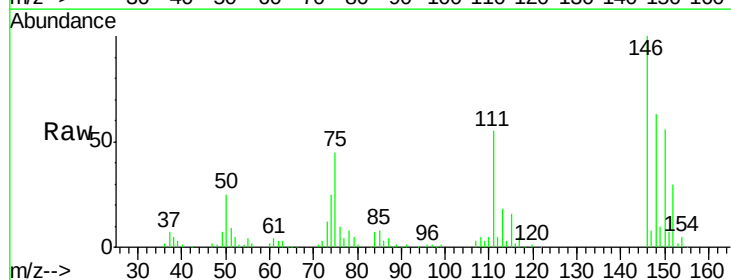


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

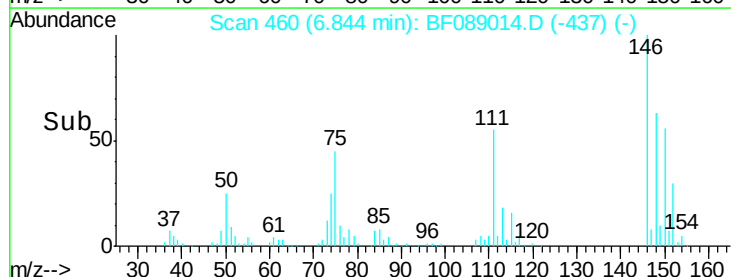
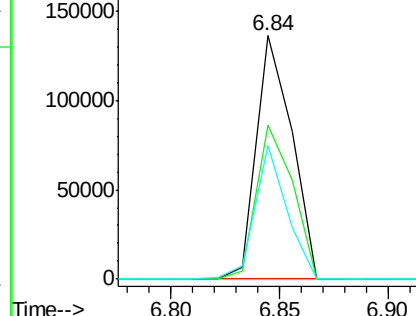


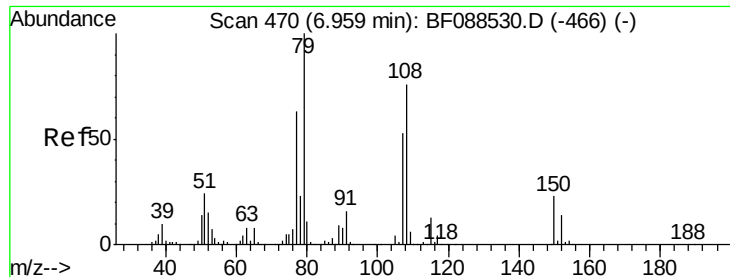
#14
 1,2-Dichlorobenzene
 Concen: 37.49 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:146 Resp: 154773
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.3 78.5
 111 54.8 28.7 43.1#



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: 40.95 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

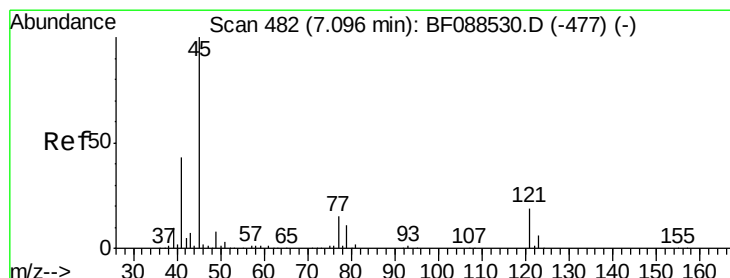
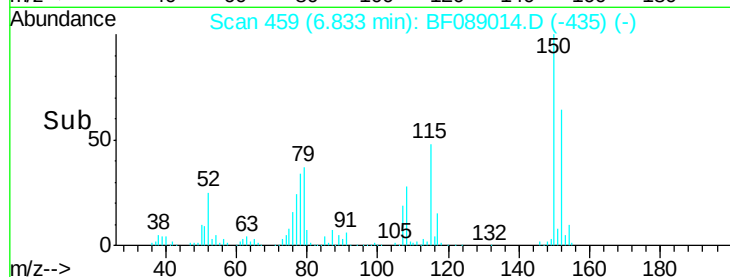
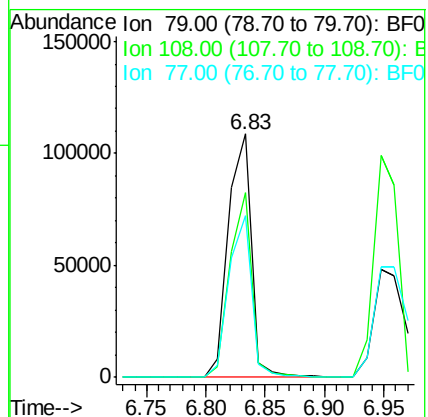
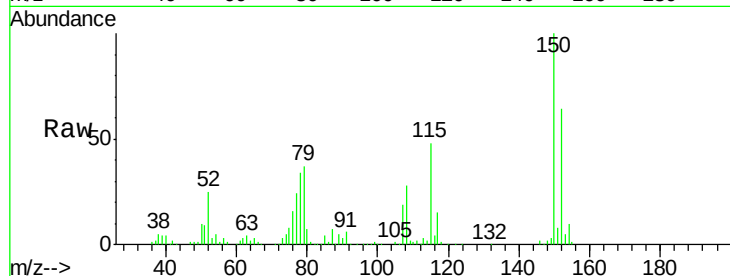
Tot Ion: 79 Resp: 146308

Ion Ratio Lower Upper

79 100

108 75.8 65.0 97.6

77 66.3 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.20 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

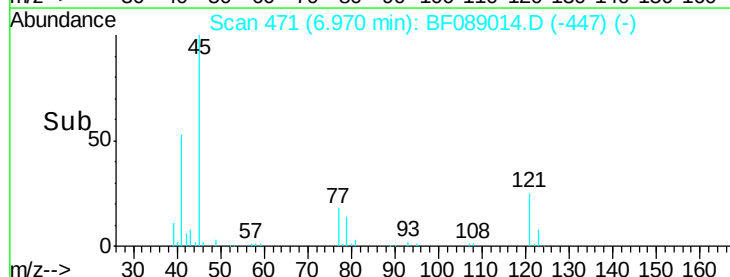
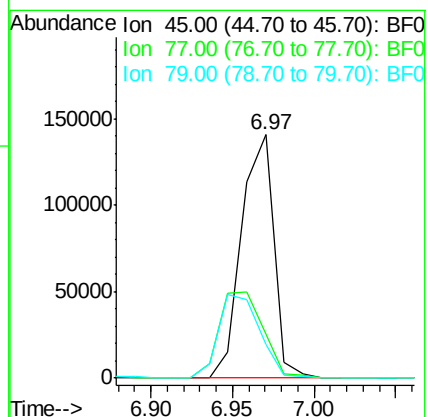
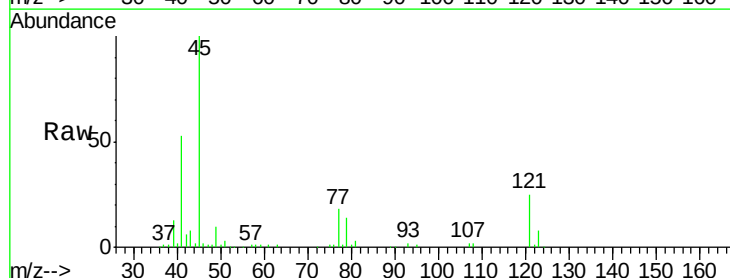
Tgt Ion: 45 Resp: 192640

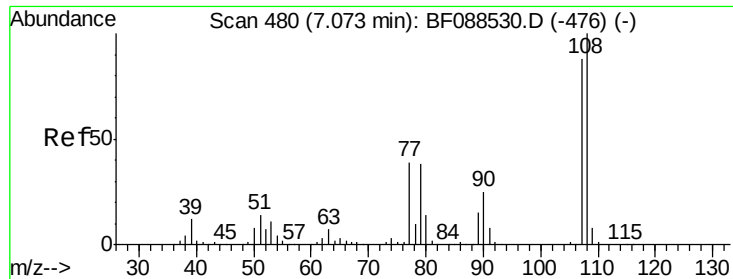
Ion Ratio Lower Upper

45 100

77 18.2 0.0 32.5

79 13.9 0.0 29.5

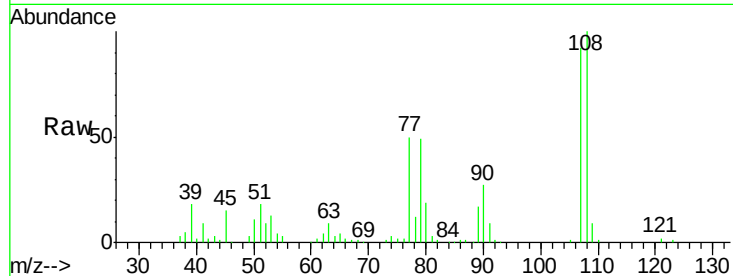




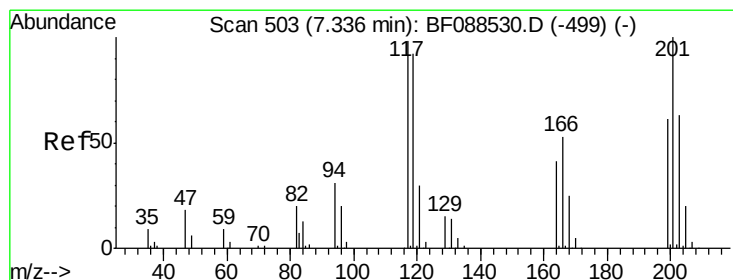
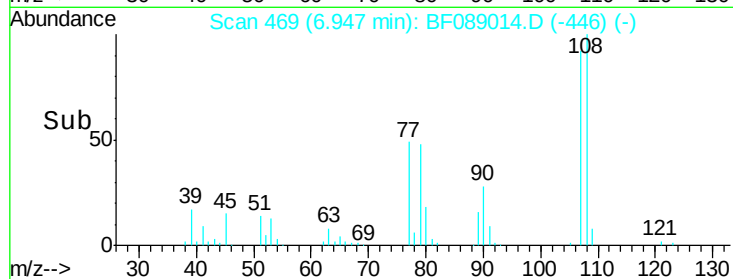
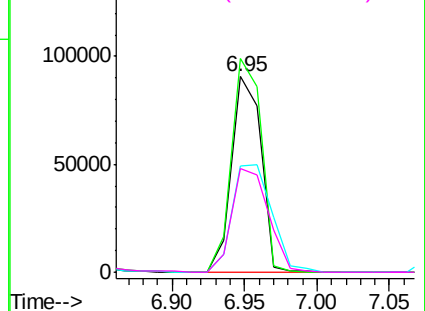
#17
2-Methylphenol
Concen: 38.83 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	127890
Ion	Ratio	Lower	Upper
107	100		
108	109.2	90.9	136.3
77	54.4	36.6	55.0
79	53.0	36.5	54.7

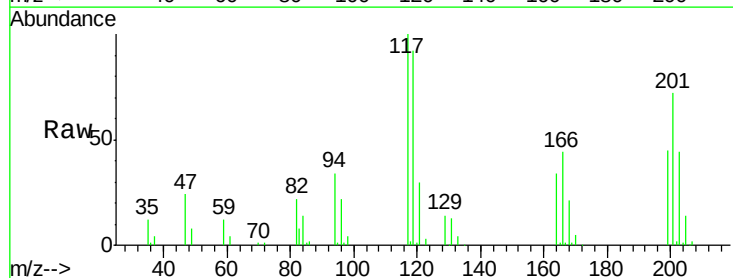


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

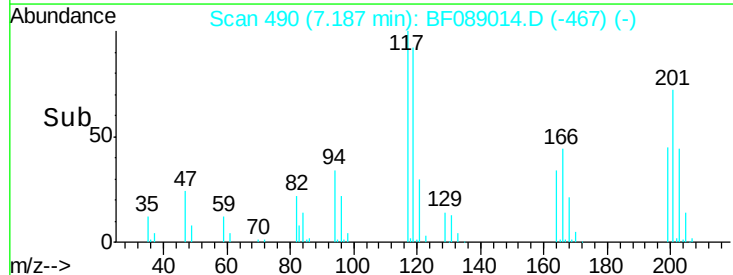
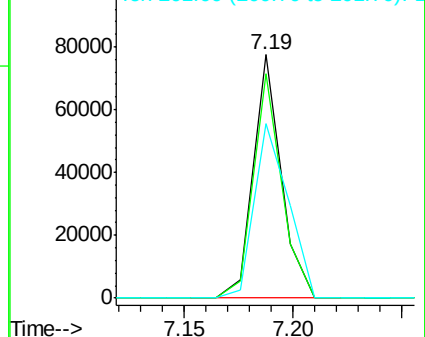


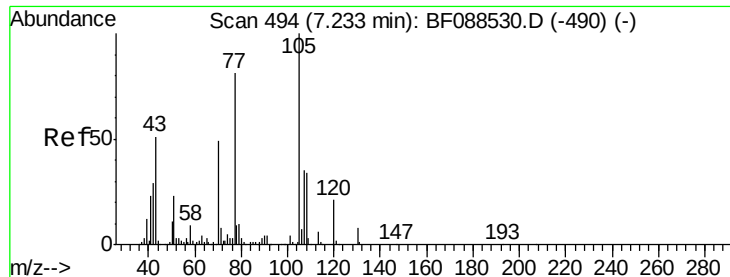
#18
Hexachloroethane
Concen: 40.55 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:	117	Resp:	69180
Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.4	116.2
201	71.5	80.4	120.6#



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

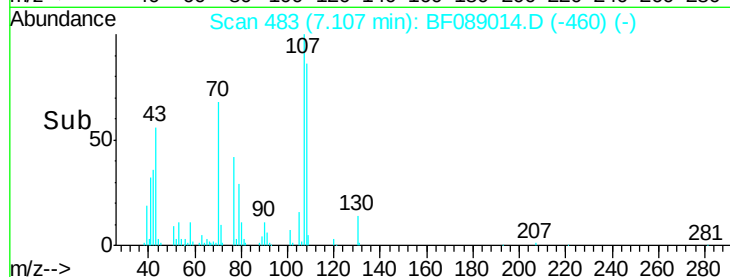
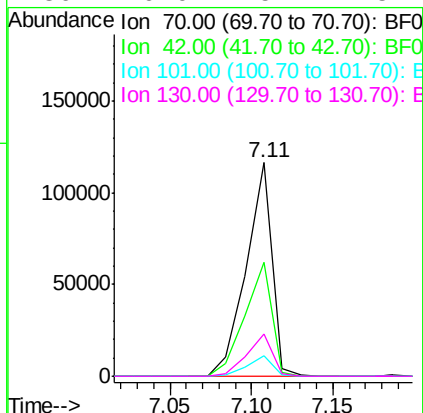
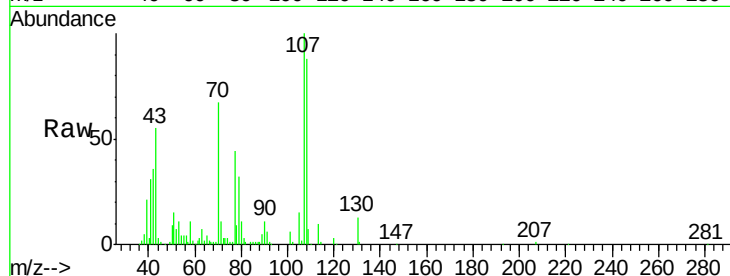




#19
n-Nitroso-di-n-propylamine
Concen: 39.27 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

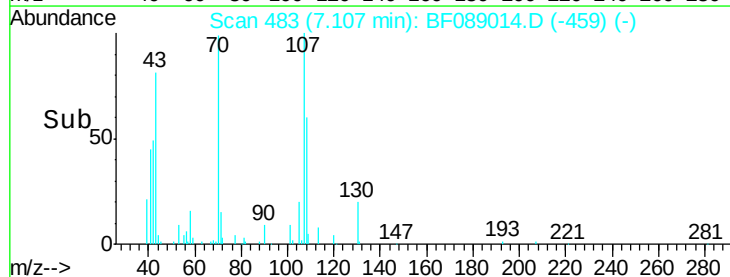
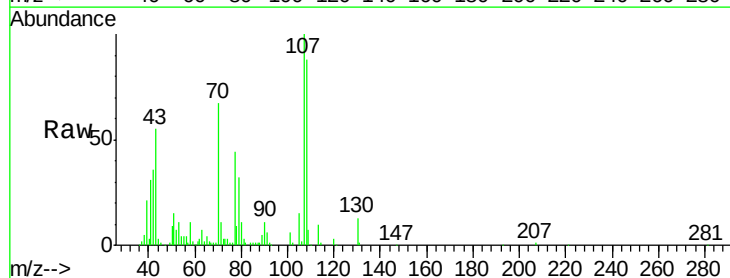
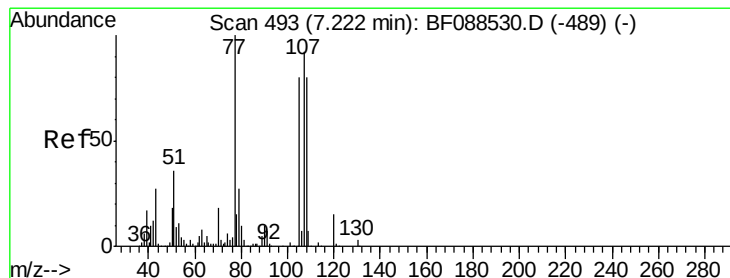
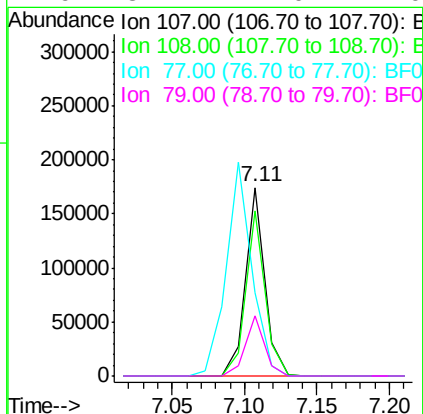
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

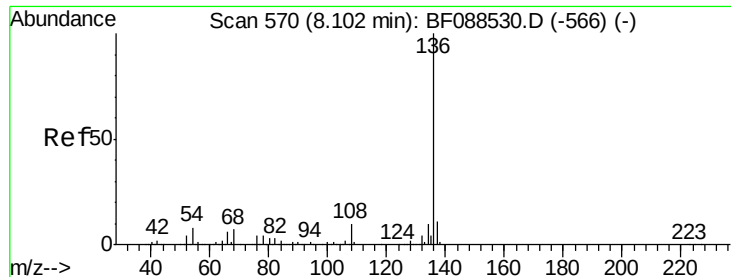
Tot Ion: 70 Resp: 128044
Ion Ratio Lower Upper
70 100
42 53.3 49.6 74.4
101 9.7 7.1 10.7
130 20.0 15.4 23.2



#20
3+4-Methylphenols
Concen: 40.67 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:107 Resp: 160800
Ion Ratio Lower Upper
107 100
108 87.8 67.8 107.8
77 44.0 59.3 99.3#
79 31.7 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 235897

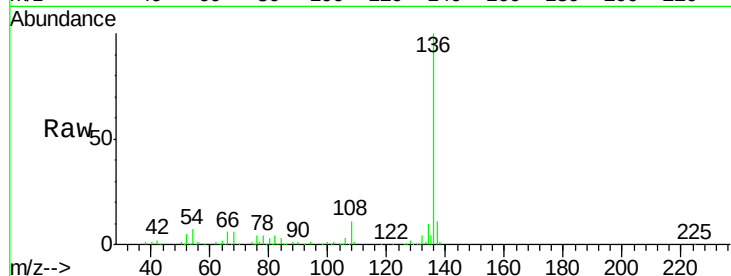
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.4 6.6 10.0

68 5.8 5.1 7.7

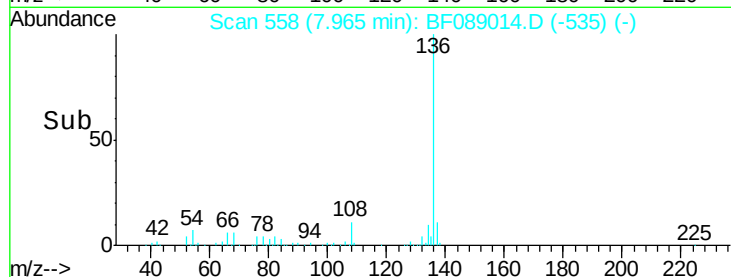


Abundance Ion 136.00 (135.70 to 136.70): E

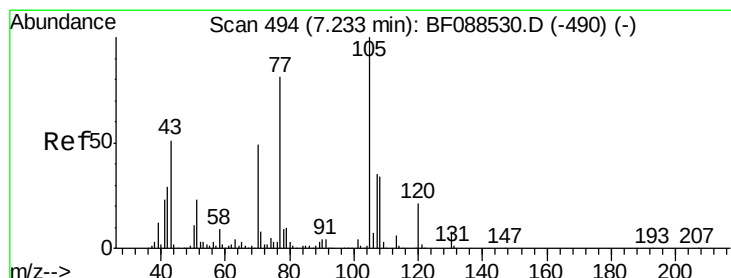
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.69 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Tgt Ion:105 Resp: 238717

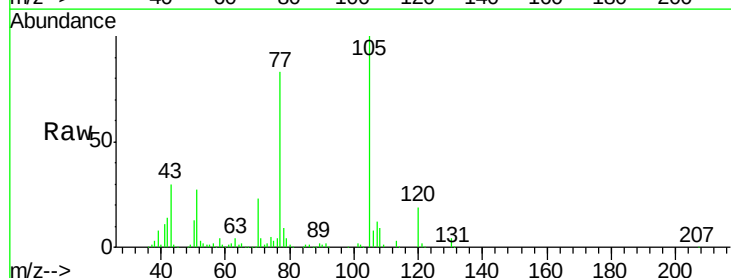
Ion Ratio Lower Upper

105 100

71 3.7 5.3 7.9#

51 27.5 18.2 27.4#

120 19.3 18.0 27.0

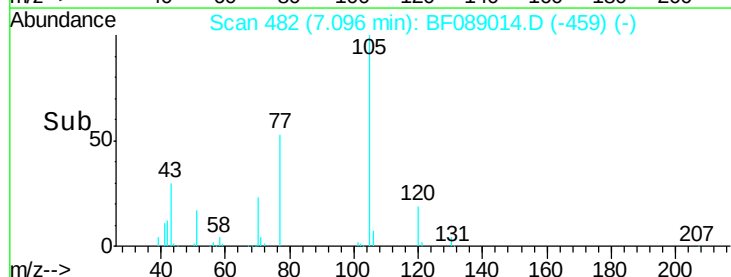


Abundance Ion 105.00 (104.70 to 105.70): E

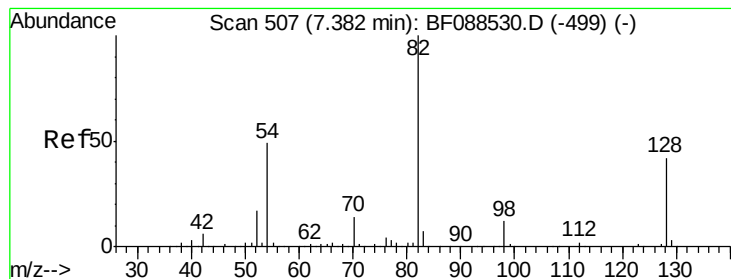
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 76.60 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

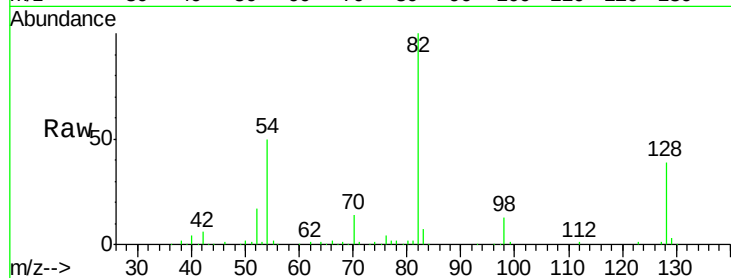
Tot Ion: 82 Resp: 344823

Ion Ratio Lower Upper

82 100

128 39.4 35.9 53.9

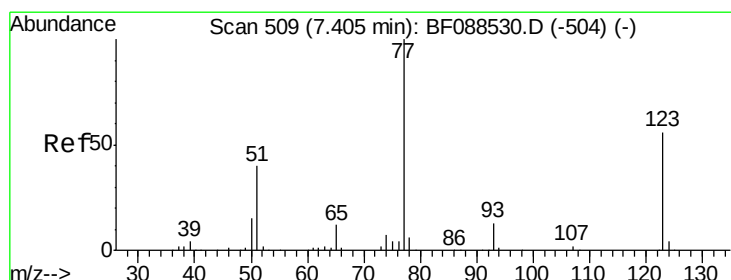
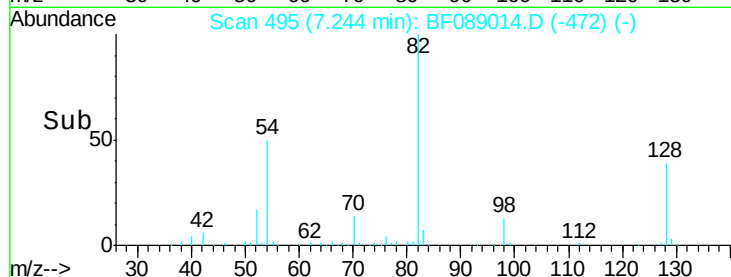
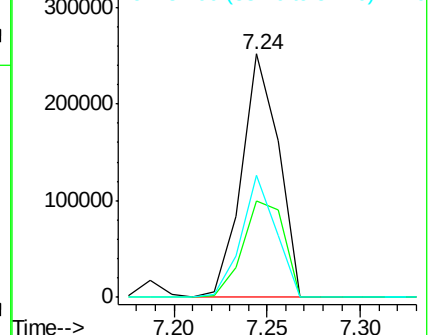
54 49.9 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.86 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

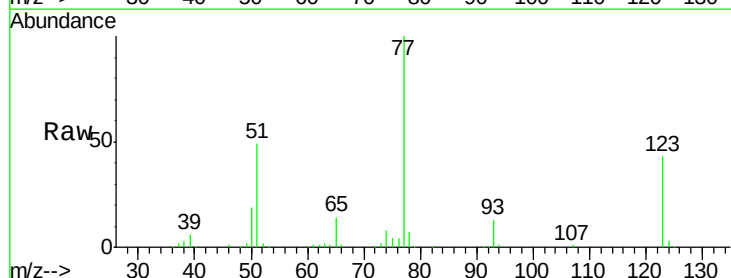
Tgt Ion: 77 Resp: 194523

Ion Ratio Lower Upper

77 100

123 42.9 45.0 67.4#

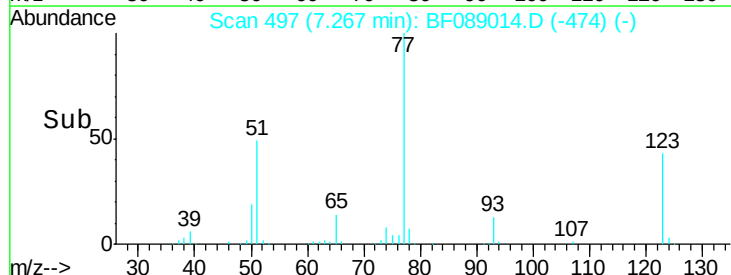
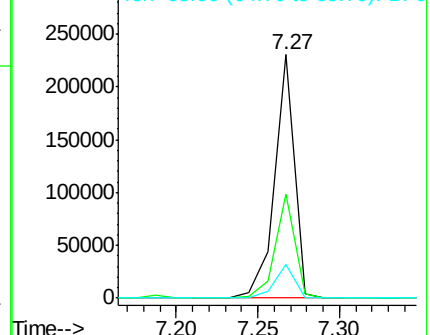
65 13.6 10.2 15.2

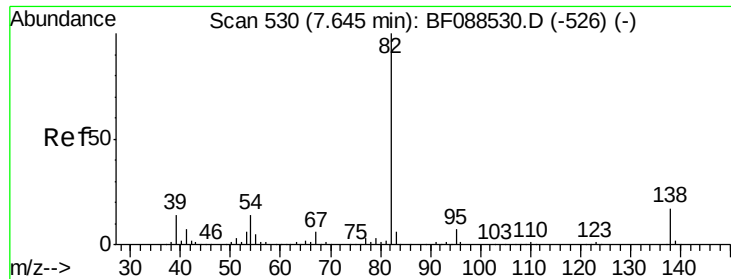


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.34 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

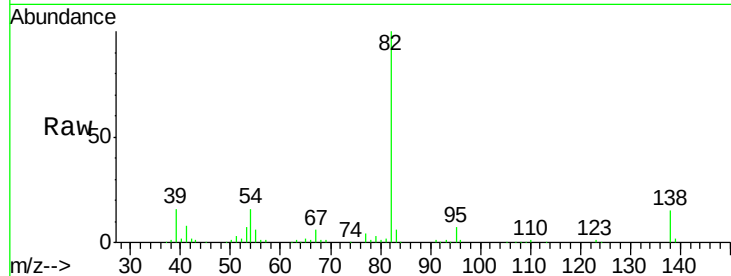
Tot Ion: 82 Resp: 311322

Ion Ratio Lower Upper

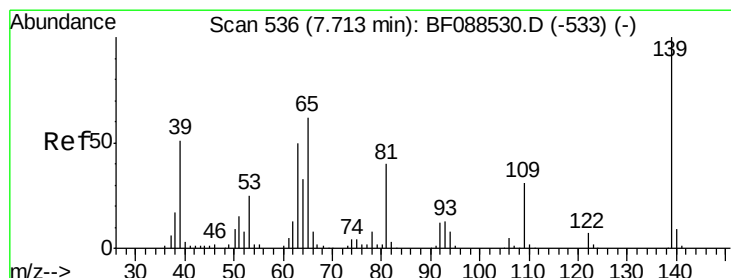
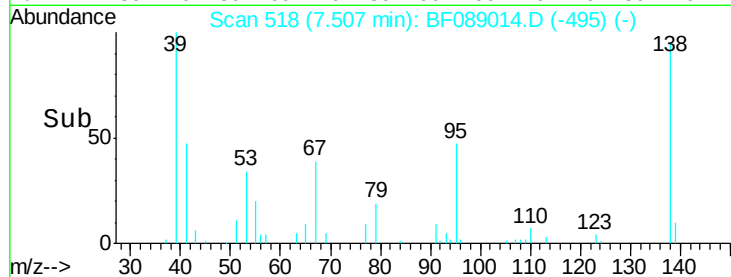
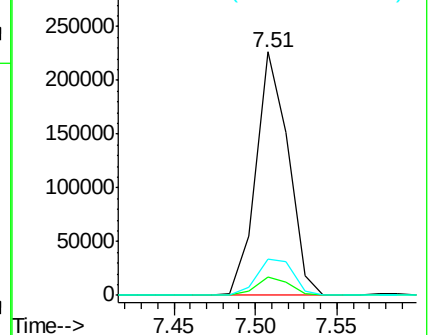
82 100

95 7.5 5.4 8.2

138 15.0 14.6 21.8



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: 50.56 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

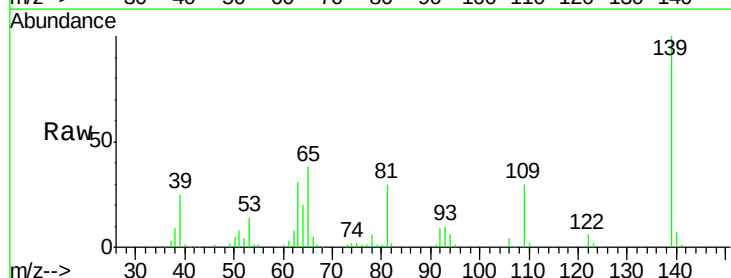
Tgt Ion: 139 Resp: 94092

Ion Ratio Lower Upper

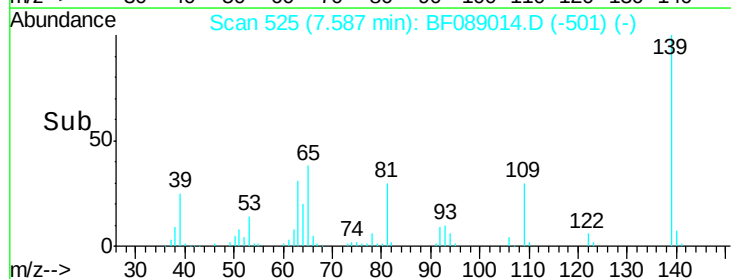
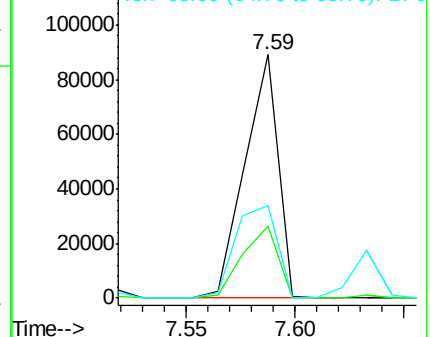
139 100

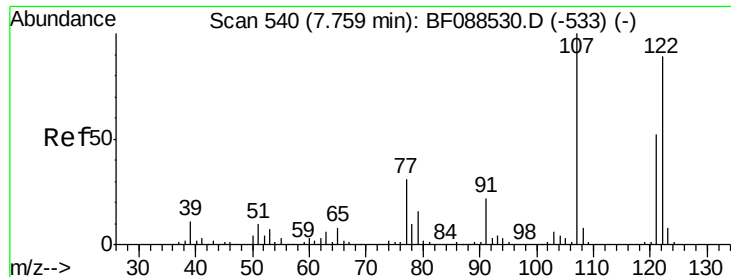
109 29.5 23.0 34.4

65 38.1 45.8 68.8#



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

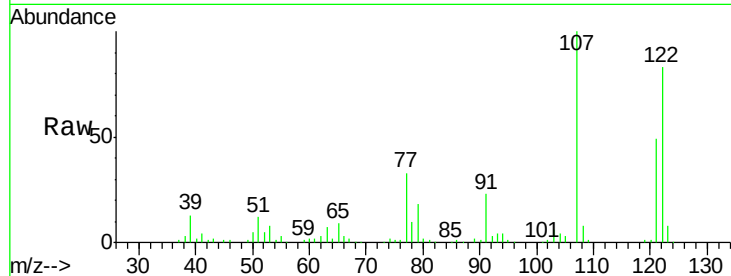




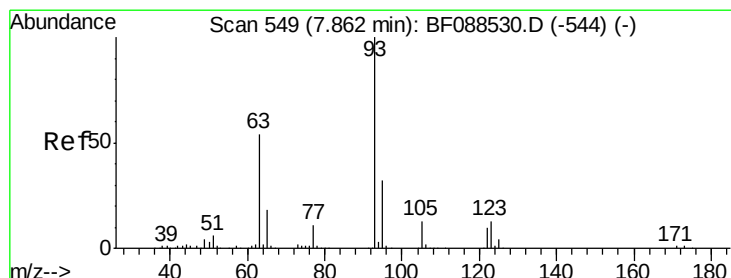
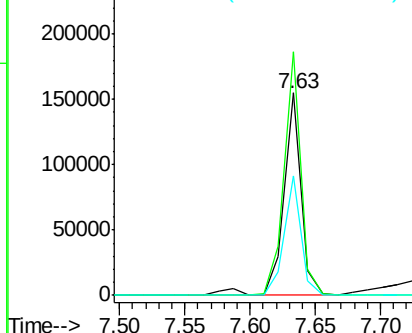
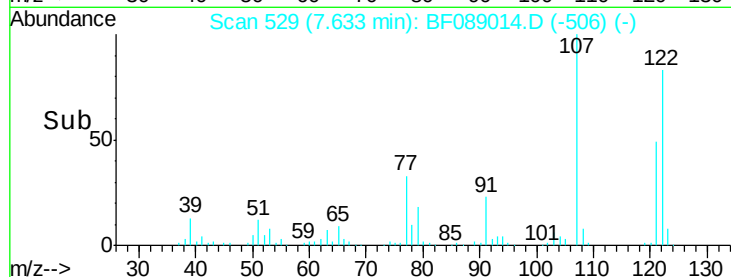
#27
 2,4-Dimethylphenol
 Concen: 38.01 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 147323
 Ion Ratio Lower Upper
 122 100
 107 120.5 82.4 123.6
 121 58.9 46.3 69.5

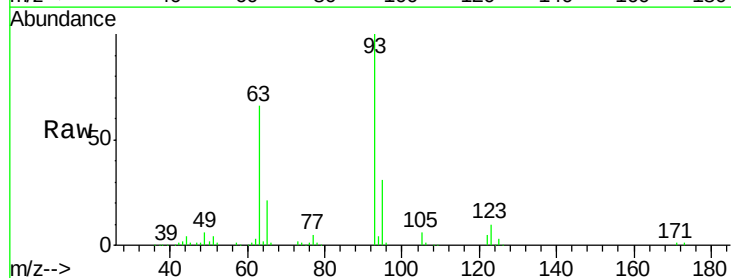


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

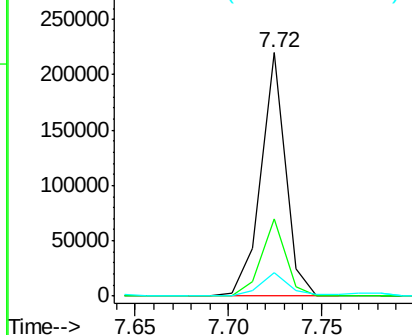
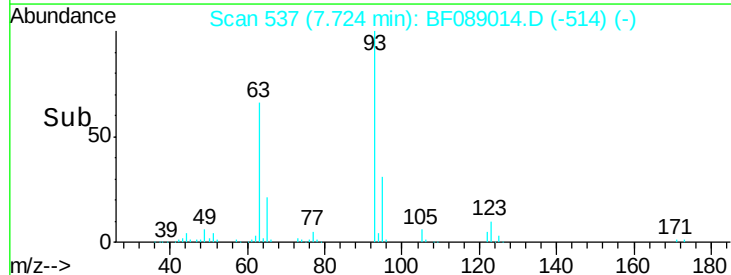


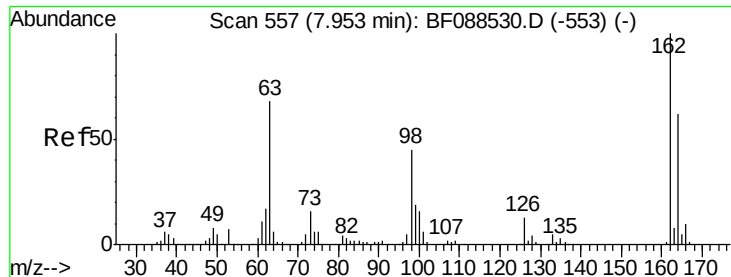
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.59 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion: 93 Resp: 198562
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.5 39.7
 123 9.7 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

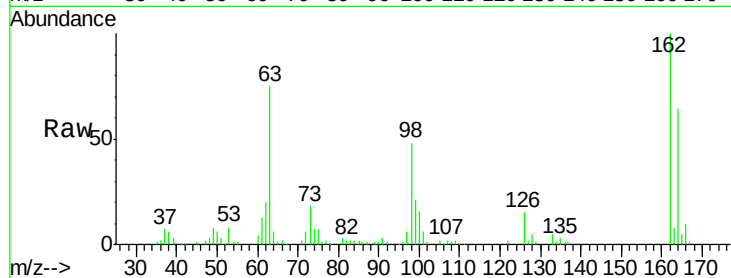




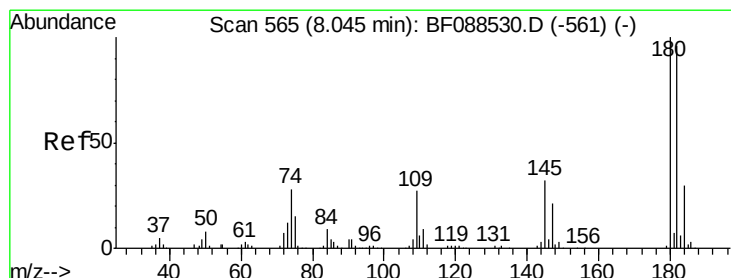
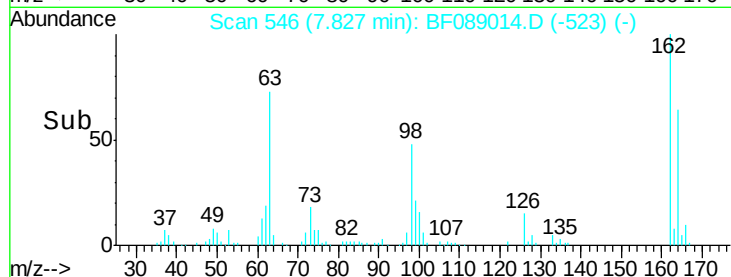
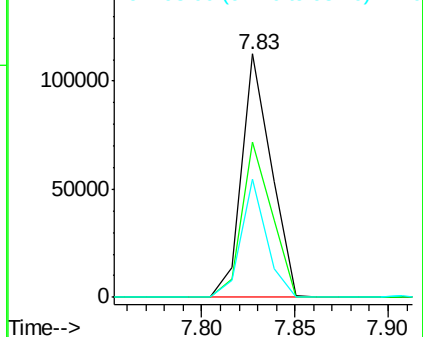
#29
 2,4-Dichlorophenol
 Concen: 39.57 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	48.3	21.3	61.3

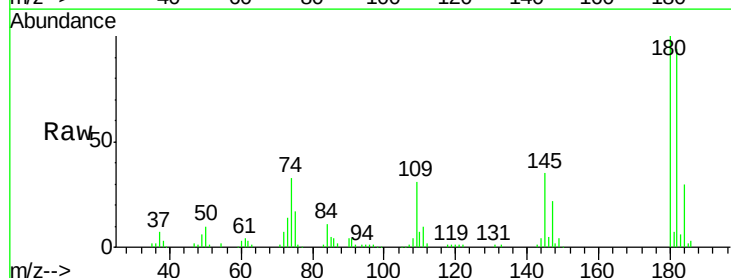


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

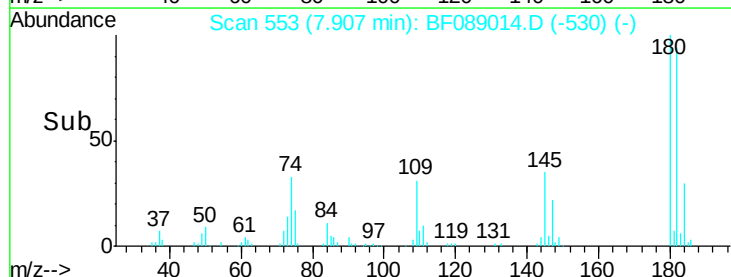
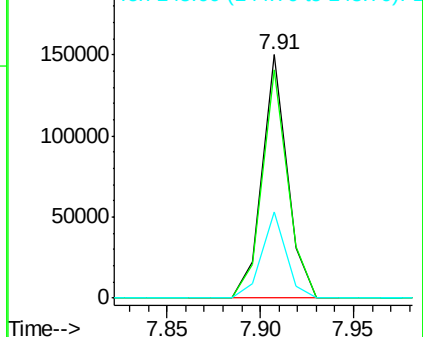


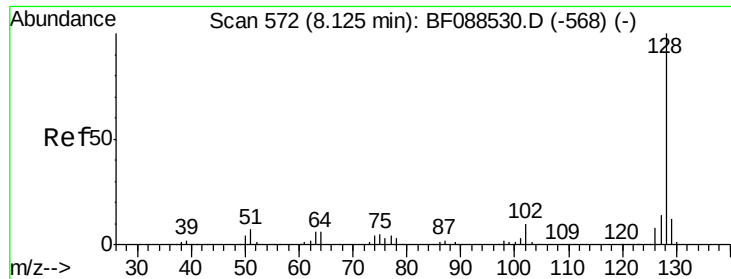
#30
 1,2,4-Trichlorobenzene
 Concen: 40.72 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.0	114.0
145	35.4	26.5	39.7



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

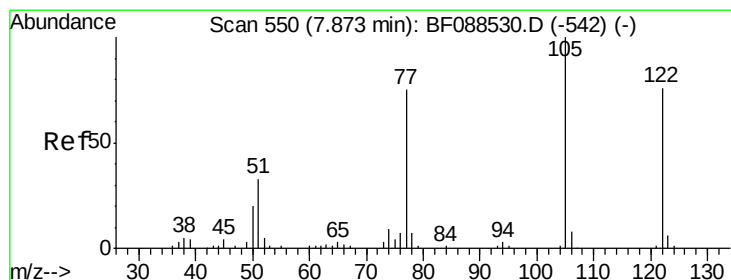
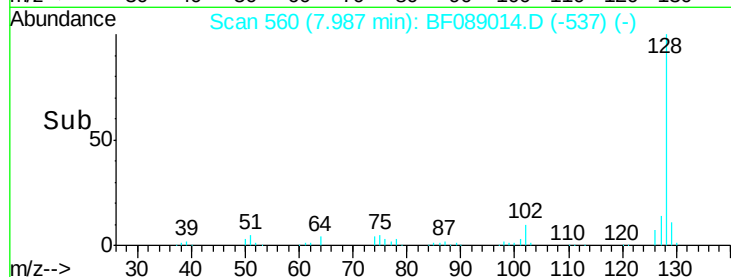
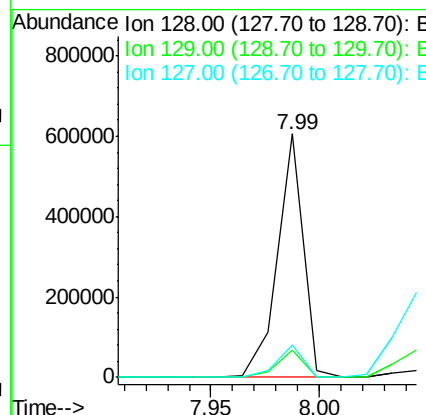
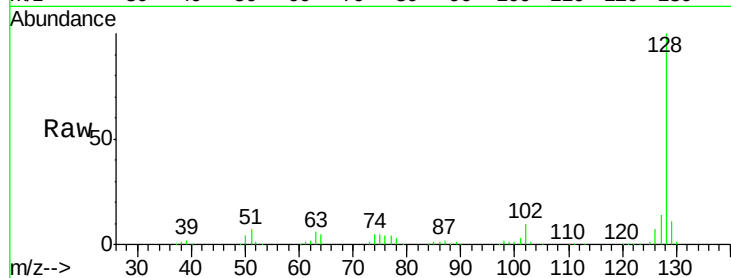




#31
Naphthalene
Concen: 43.71 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

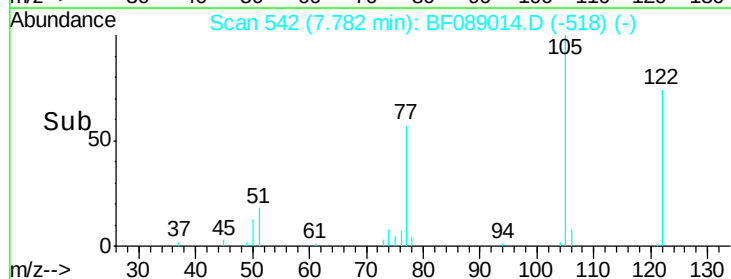
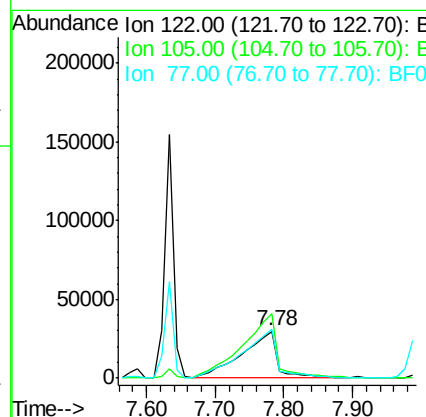
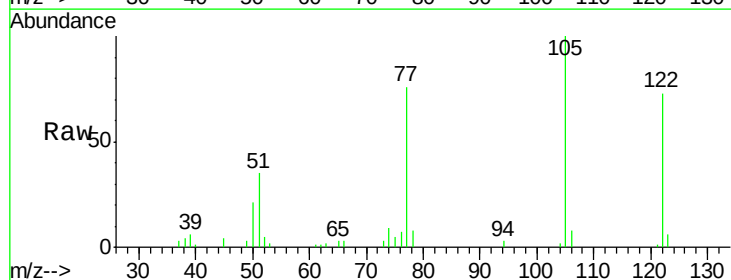
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

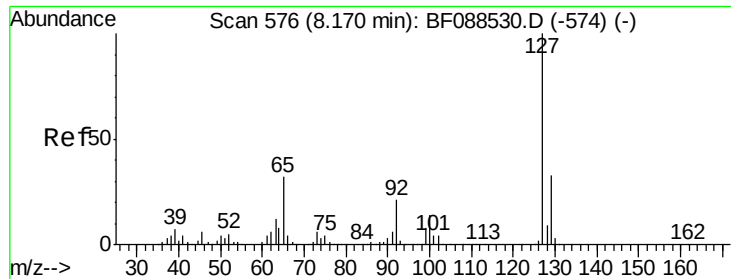
Tot Ion:128 Resp: 508385
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 37.02 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:122 Resp: 104188
Ion Ratio Lower Upper
122 100
105 136.8 101.6 141.6
77 104.3 70.6 110.6

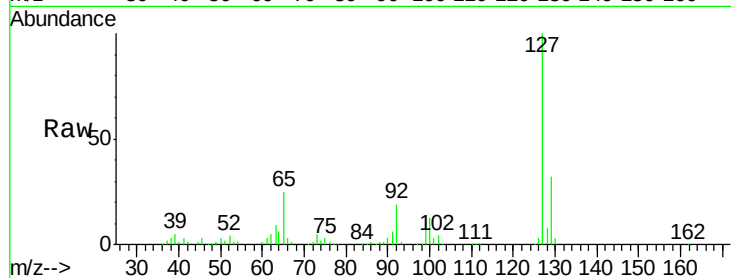




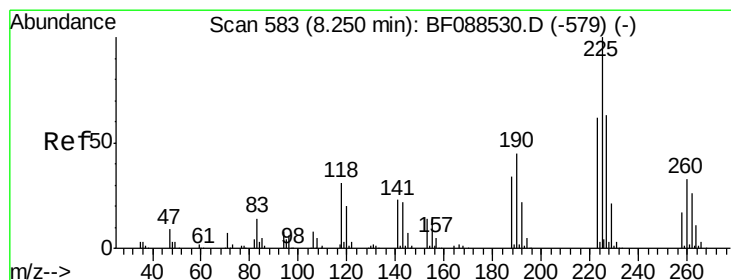
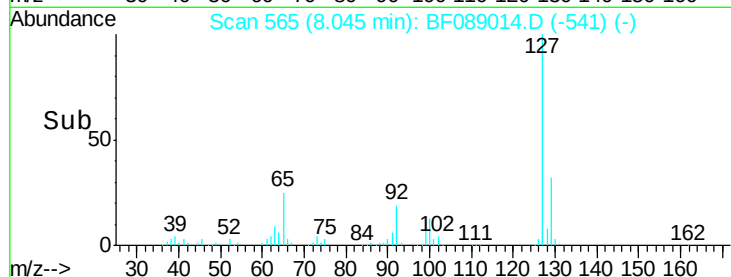
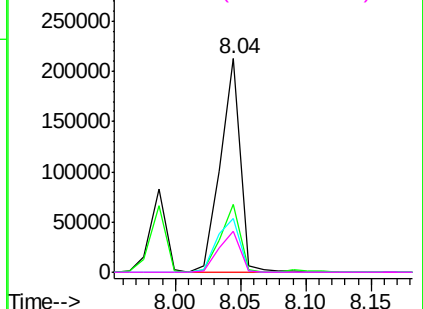
#33
4-Chloroaniline
Concen: 43.80 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	226648
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	25.4	24.7	37.1
92	19.1	15.4	23.0

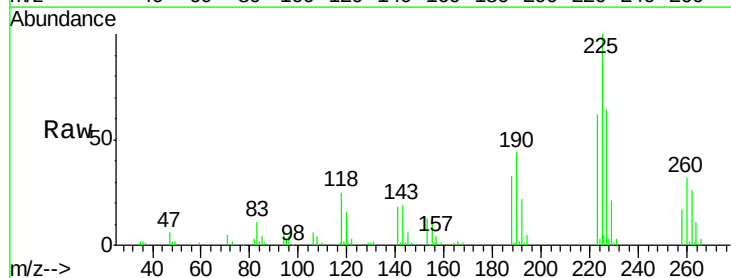


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

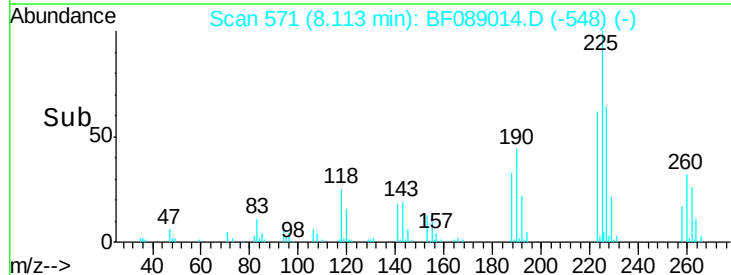
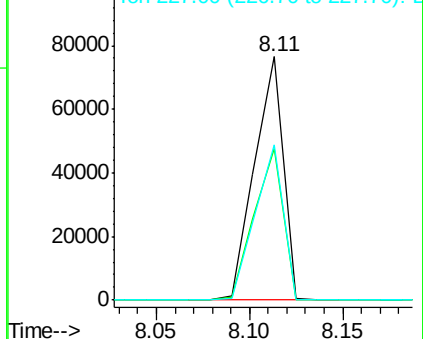


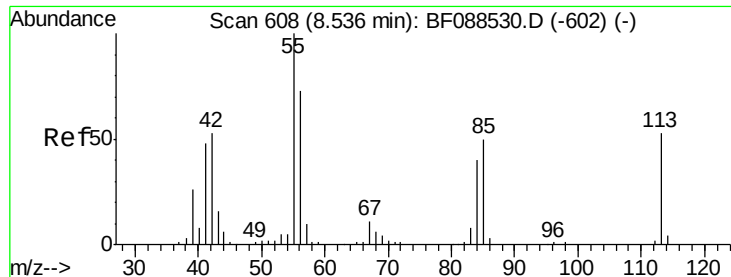
#34
Hexachlorobutadiene
Concen: 43.83 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:	225	Resp:	80686
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	63.8	51.9	77.9



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: 36.84 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

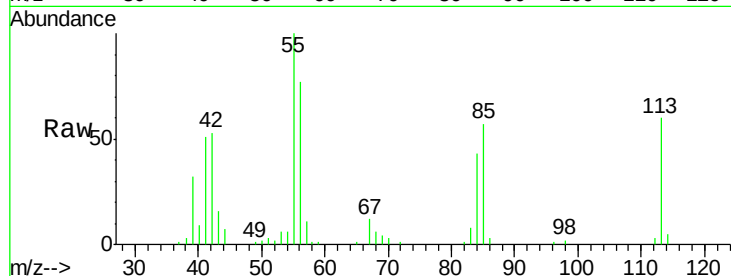
Tot Ion:113 Resp: 39196

Ion Ratio Lower Upper

113 100

55 166.1 158.6 198.6

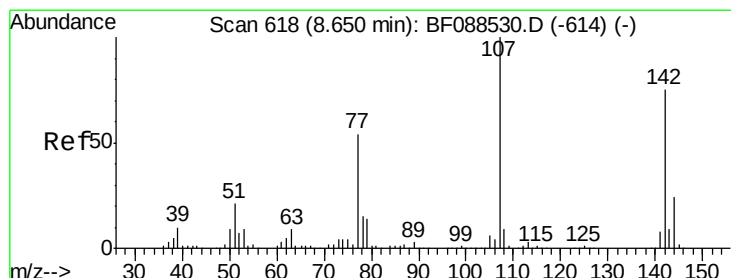
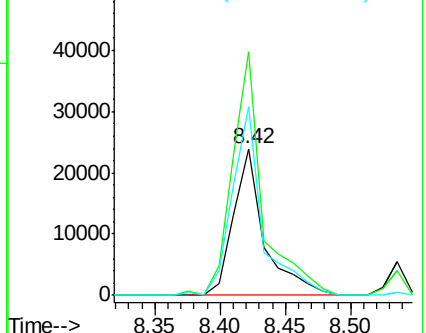
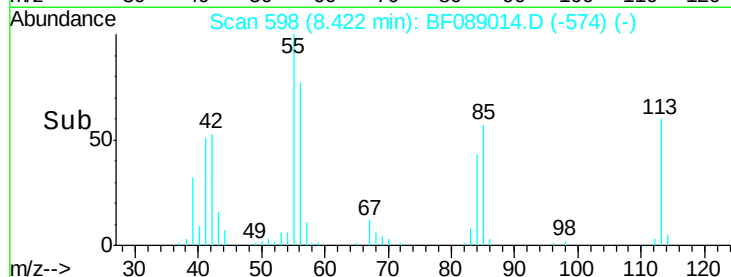
56 128.4 110.6 150.6



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: 43.37 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

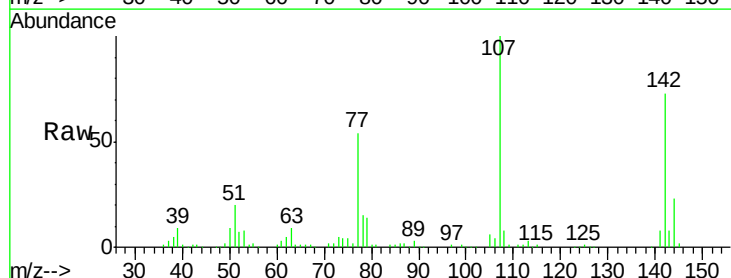
Tgt Ion:107 Resp: 160657

Ion Ratio Lower Upper

107 100

144 23.3 20.8 31.2

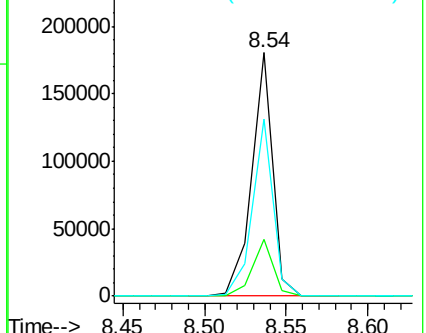
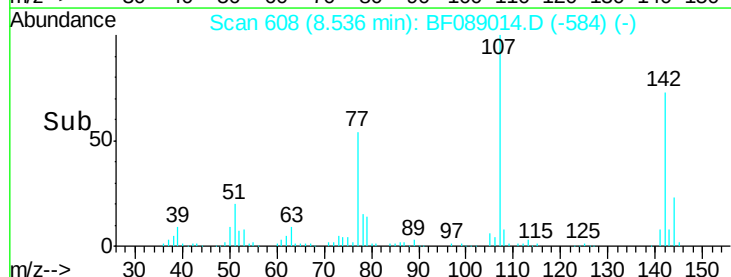
142 72.7 63.4 95.2

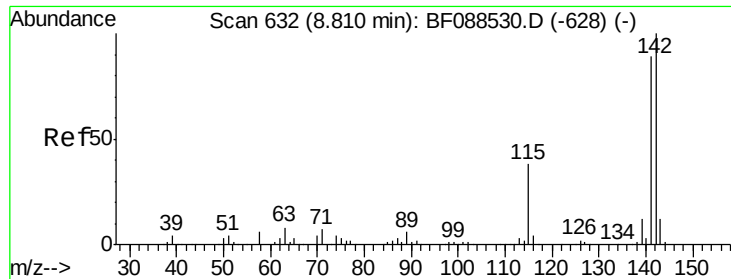


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

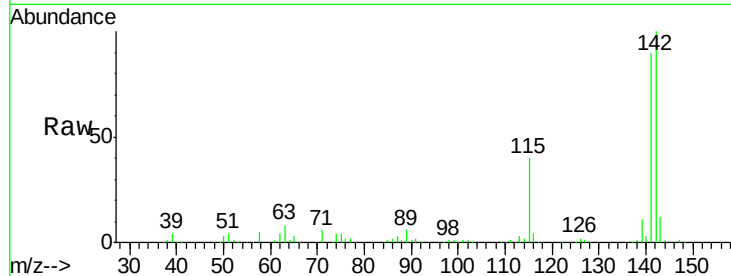




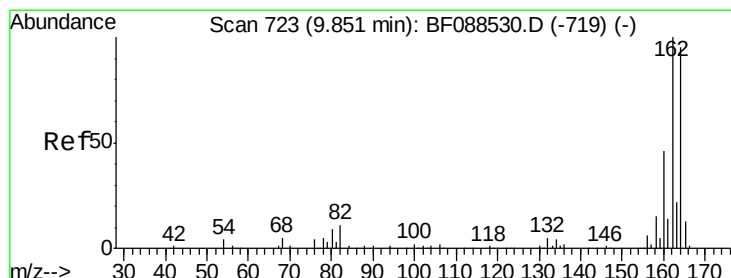
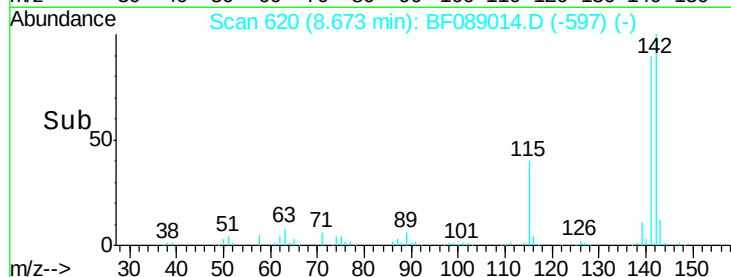
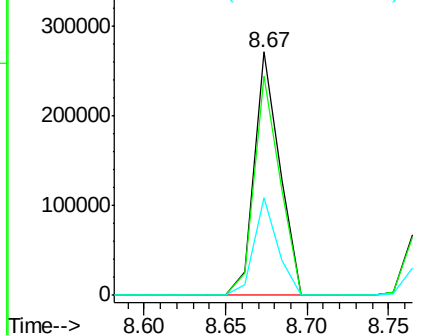
#37
 2-Methylnaphthalene
 Concen: 39.14 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 293054
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 40.0 22.6 33.8#

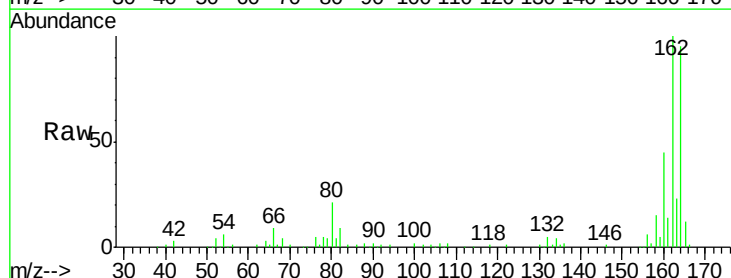


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

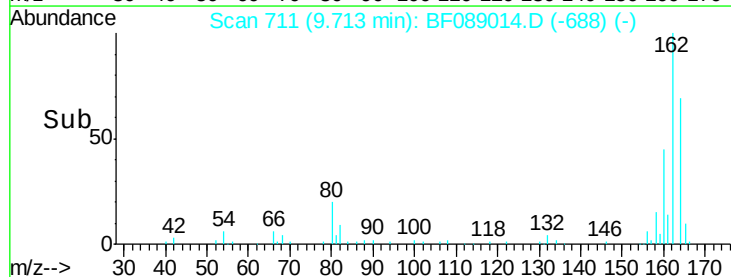
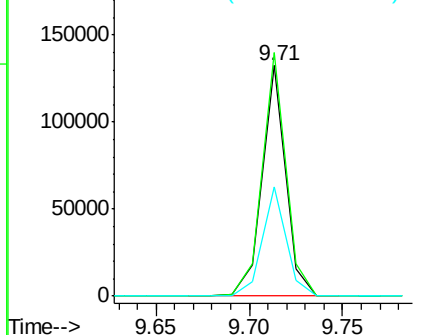


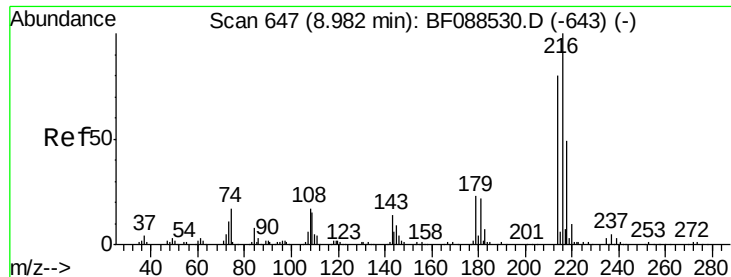
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:164 Resp: 114422
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.4 128.2
 160 47.4 39.5 59.3



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: 41.31 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 157202

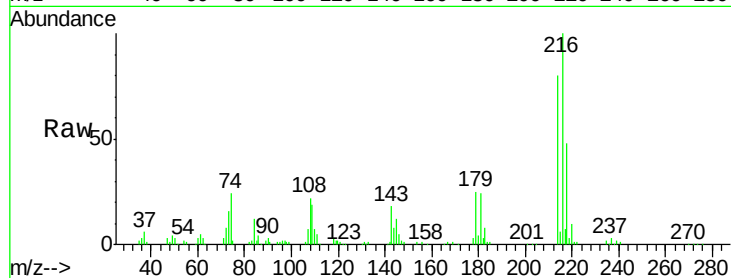
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 24.6 0.0 0.0#

108 23.5 0.5 0.7#

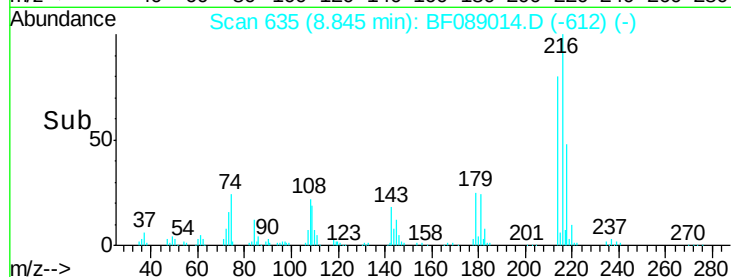


Abundance Ion 216.00 (215.70 to 216.70): E

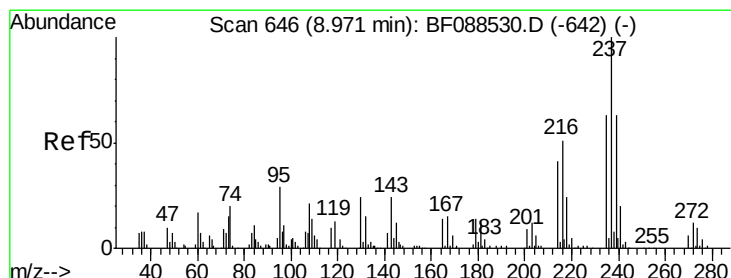
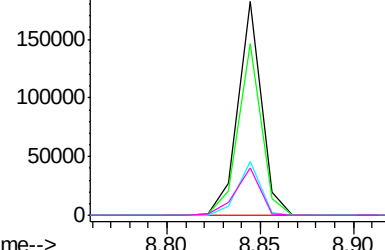
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 32.64 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

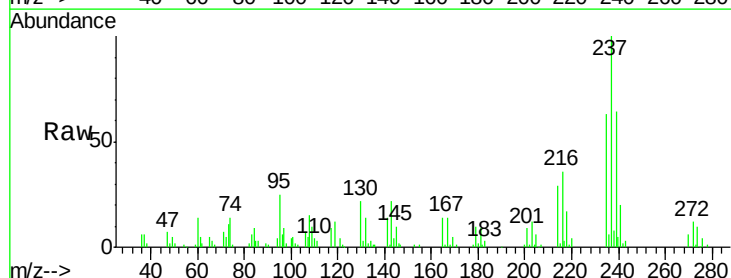
Tgt Ion:237 Resp: 60977

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

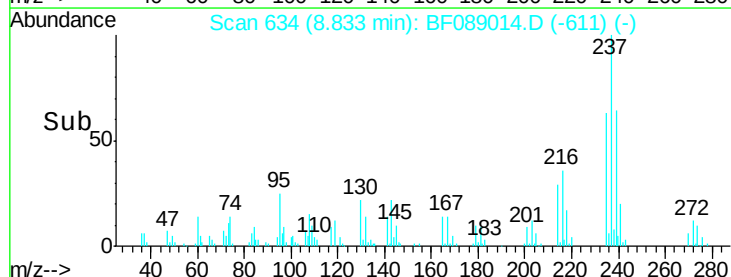
272 12.0 0.0 32.3



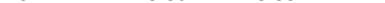
Abundance Ion 236.80 (236.50 to 237.50): E

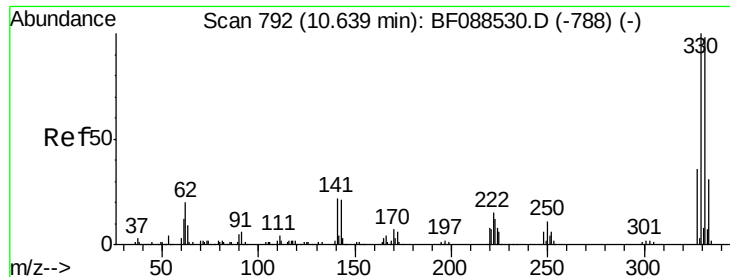
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

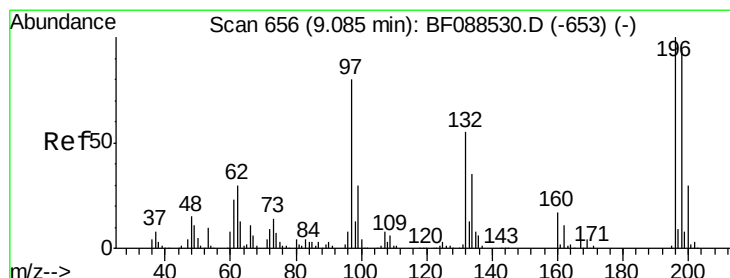
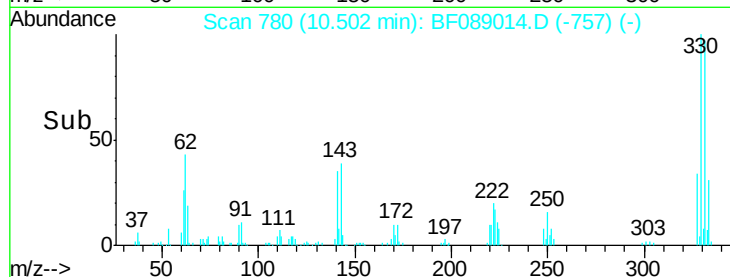
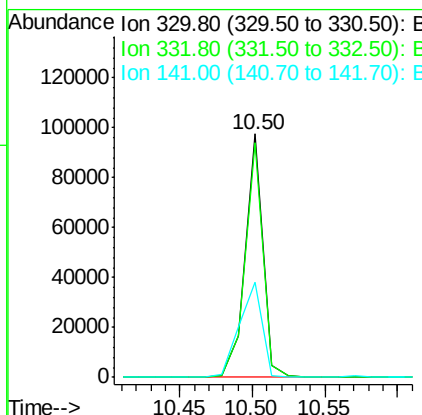
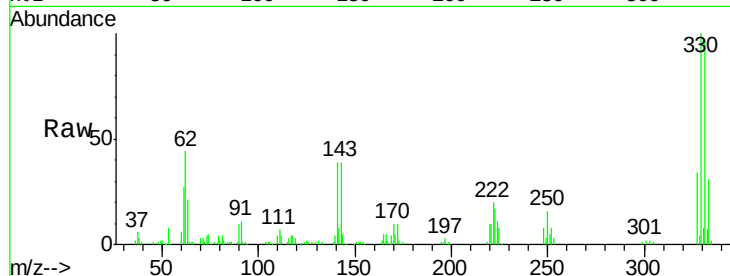




#41
 2,4,6-Tribromophenol
 Concen: 78.22 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

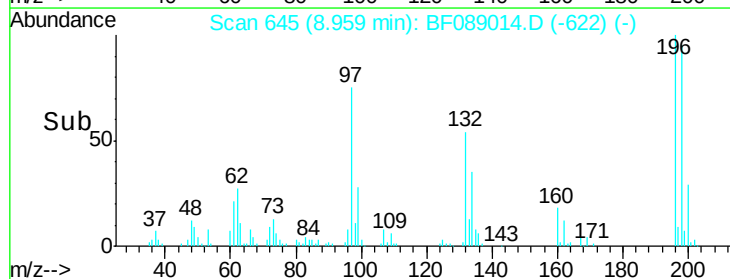
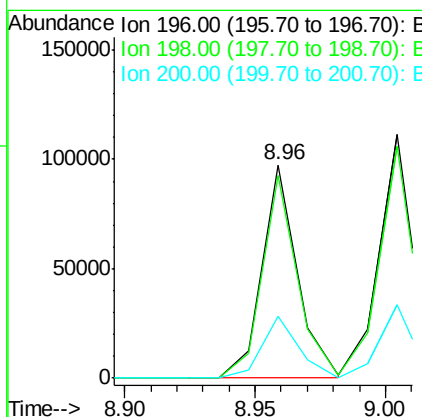
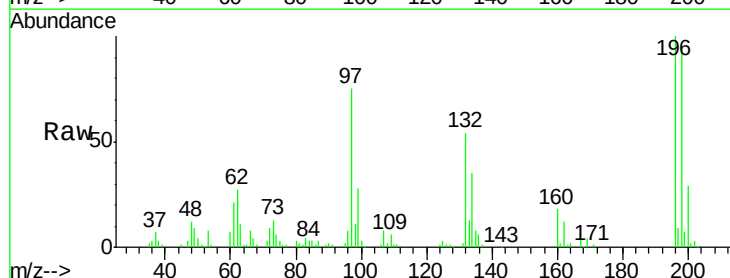
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

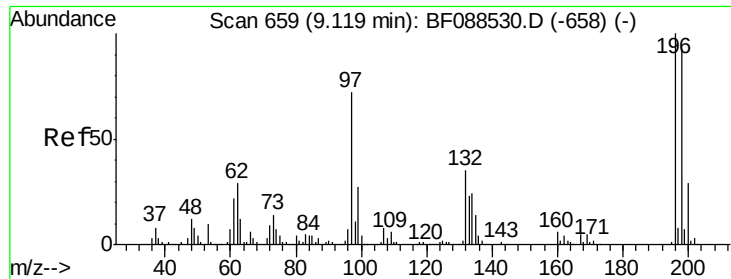
Tot Ion:330 Resp: 83112
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 50.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 36.86 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:196 Resp: 92488
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.0 117.0
 200 29.1 25.4 38.2

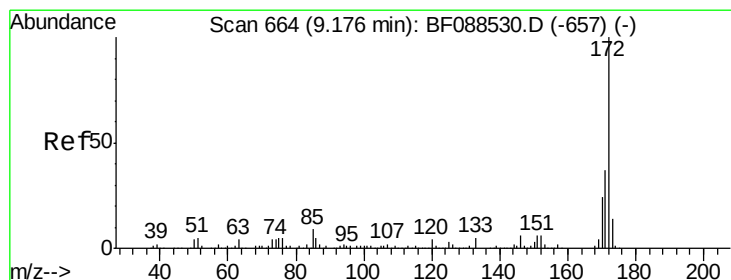
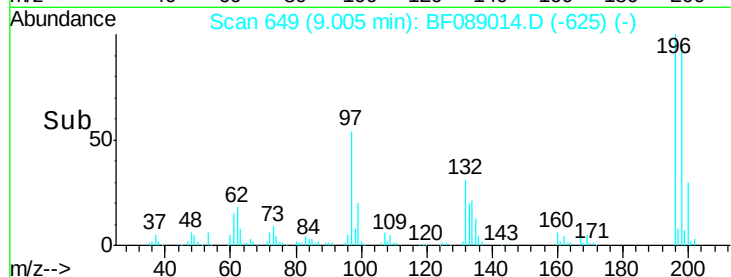
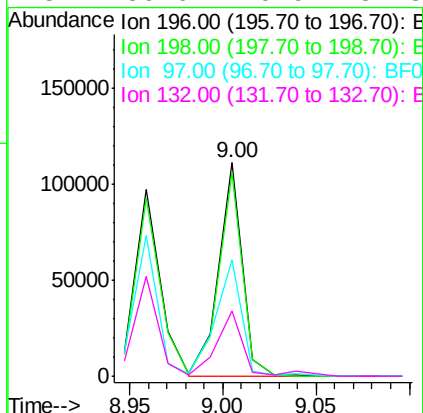
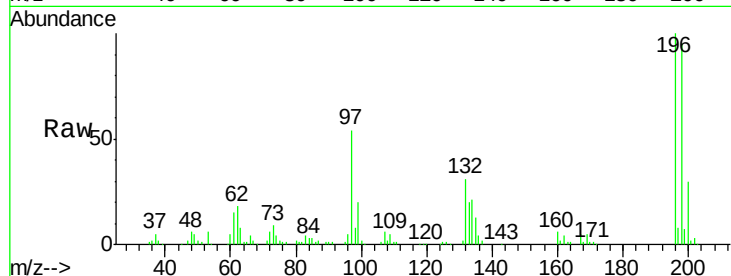




#43
 2,4,5-Trichlorophenol
 Concen: 45.51 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

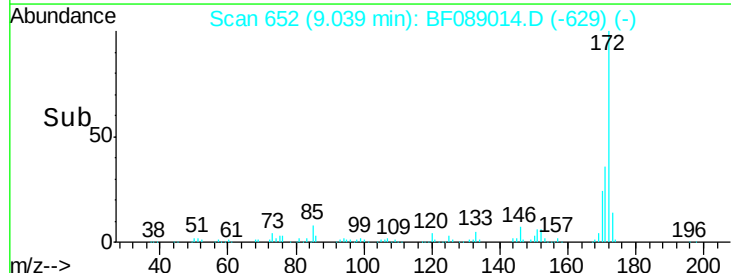
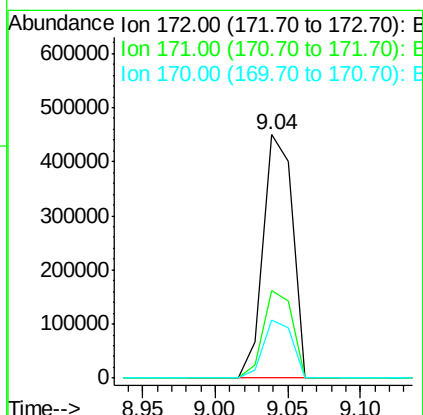
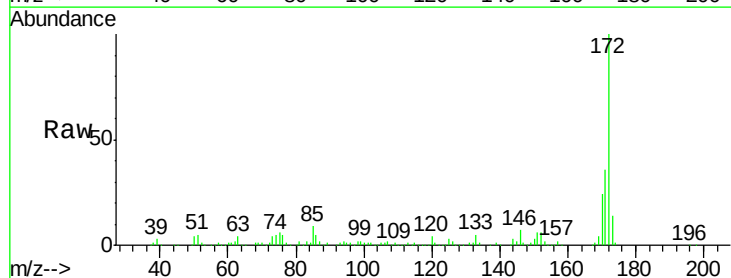
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

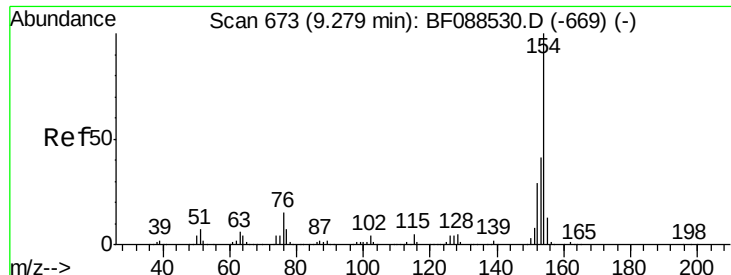
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.5	116.3
97	54.4	32.0	48.0
132	30.6	20.9	31.3



#44
 2-Fluorobiphenyl
 Concen: 87.11 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.2	28.8





#45

1,1'-Biphenyl

Concen: 39.98 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

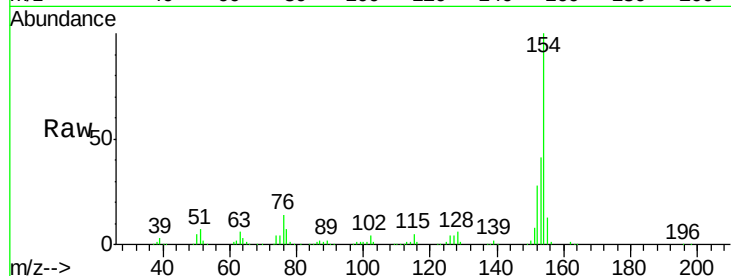
Tot Ion:154 Resp: 378799

Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

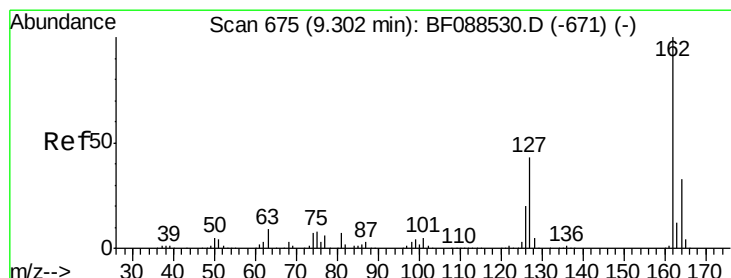
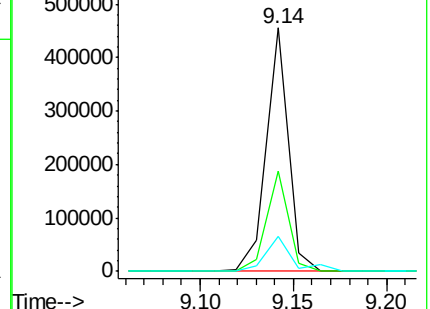
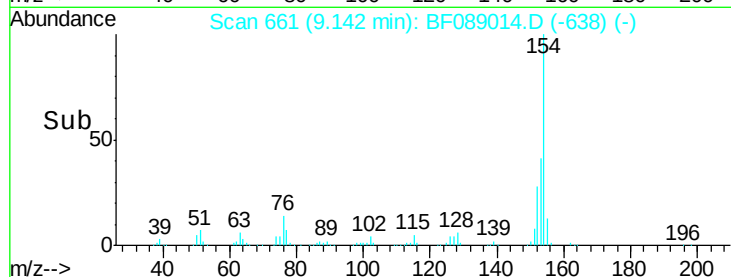
76 14.4 0.0 35.1



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: 41.58 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

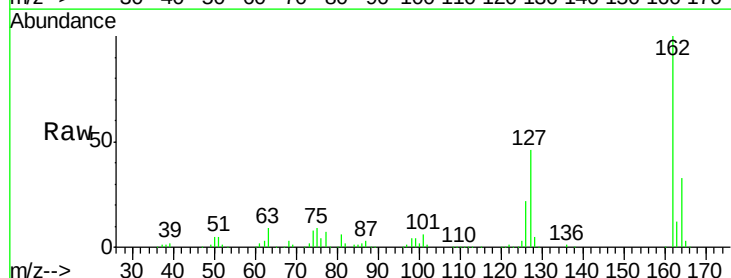
Tgt Ion:162 Resp: 309274

Ion Ratio Lower Upper

162 100

127 46.2 35.2 52.8

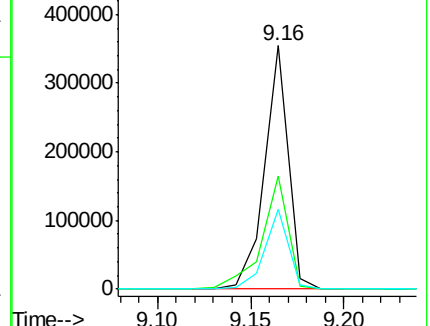
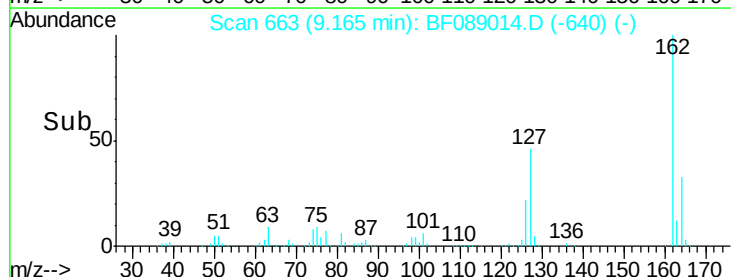
164 32.6 26.6 39.8

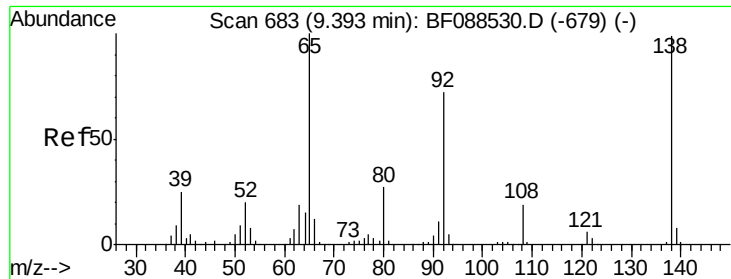


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

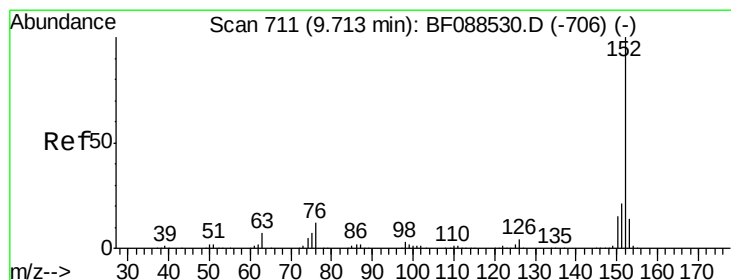
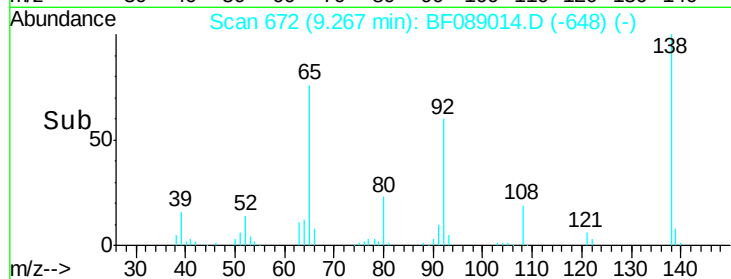
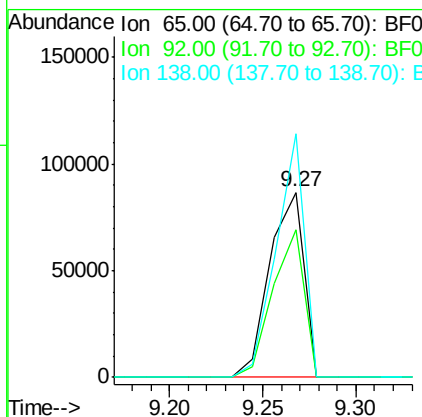
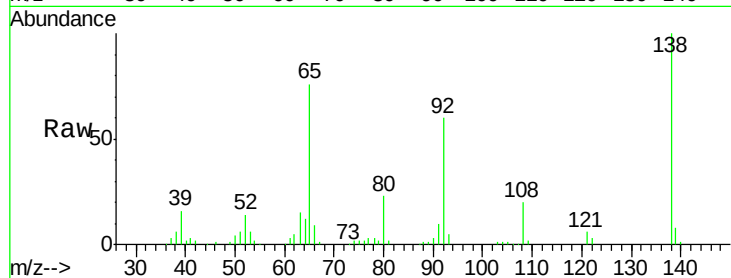




#47
 2-Nitroaniline
 Concen: 41.91 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

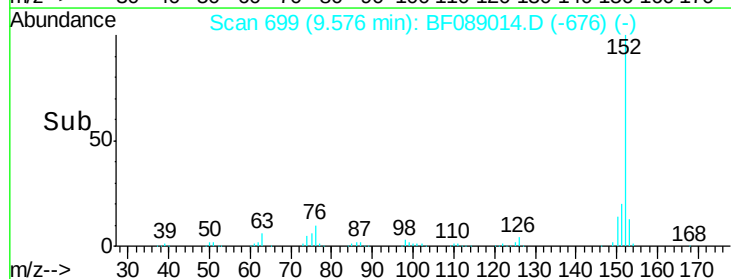
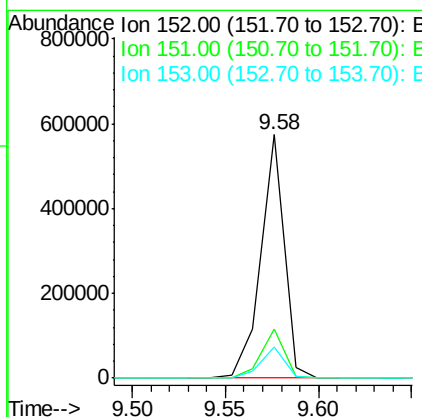
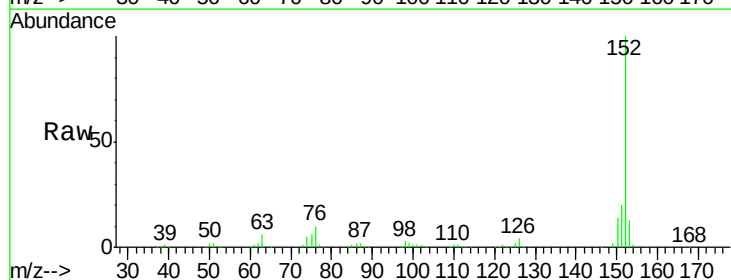
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

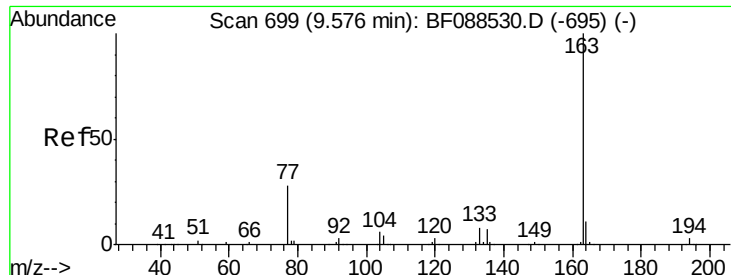
Tot Ion: 65 Resp: 110622
 Ion Ratio Lower Upper
 65 100
 92 79.5 54.6 82.0
 138 131.6 77.0 115.4#



#48
 Acenaphthylene
 Concen: 41.83 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion: 152 Resp: 495076
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.0 11.0 16.6





#49

Dimethylphthalate

Concen: 40.54 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

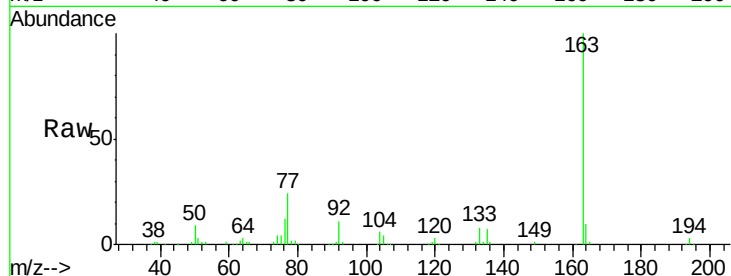
Tot Ion:163 Resp: 330503

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

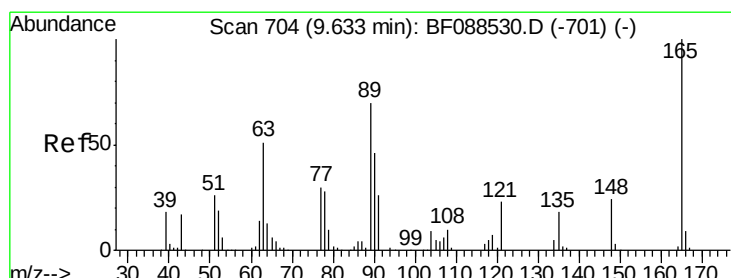
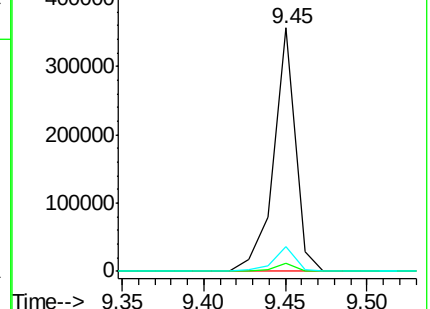
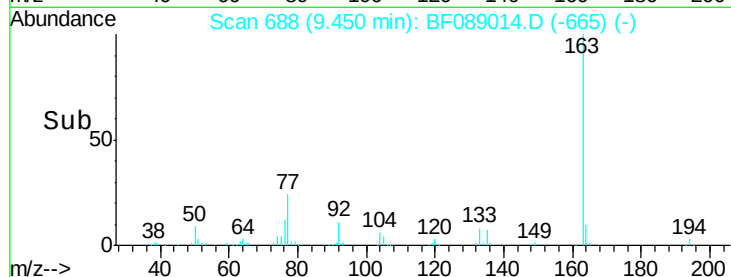
164 10.0 8.3 12.5



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: 38.69 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

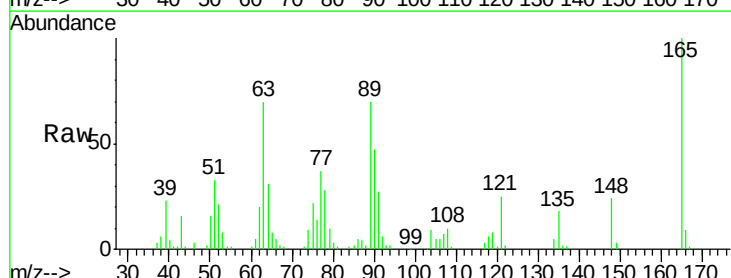
Tgt Ion:165 Resp: 69902

Ion Ratio Lower Upper

165 100

63 70.3 28.1 42.1#

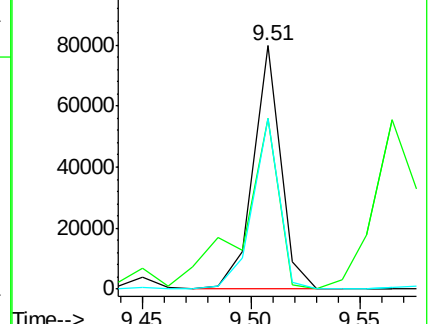
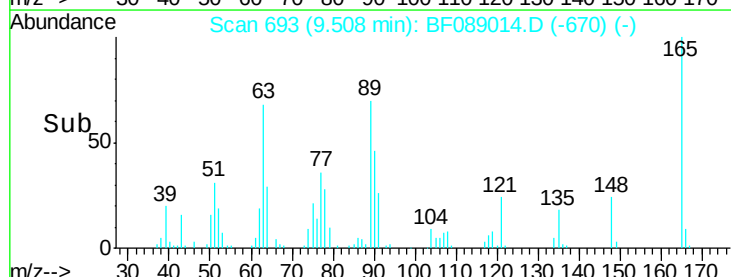
89 70.3 32.2 48.2#

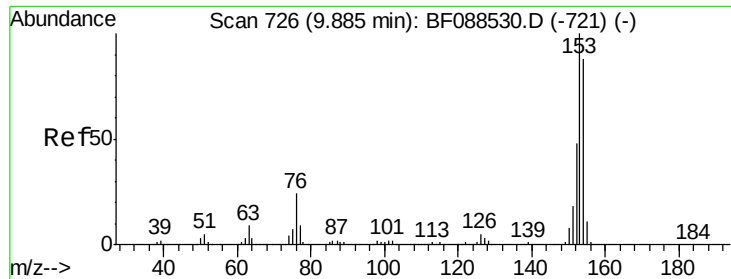


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.49 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

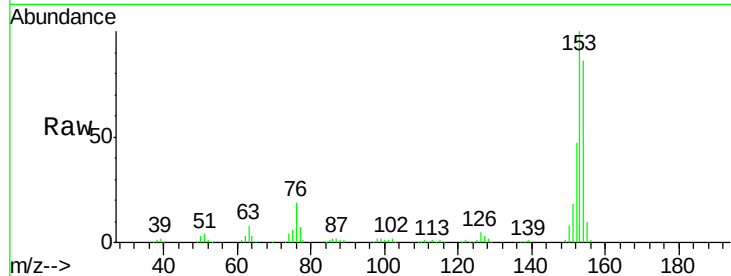
Tot Ion:154 Resp: 279252

Ion Ratio Lower Upper

154 100

153 115.9 89.5 134.3

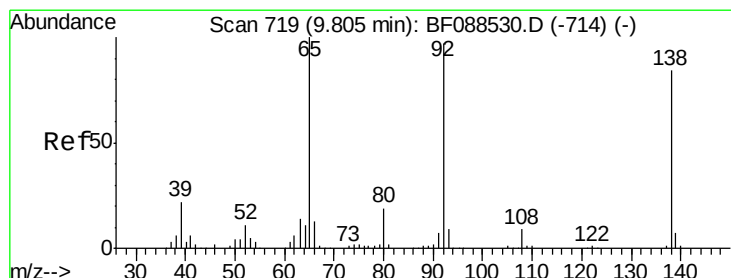
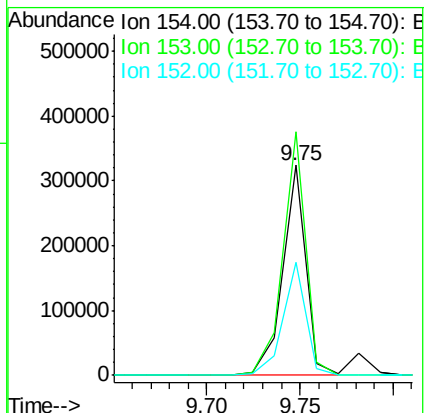
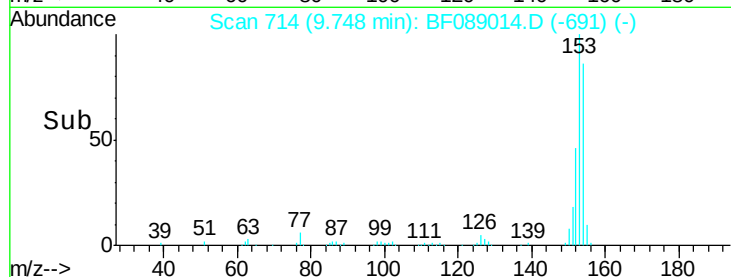
152 54.1 42.7 64.1



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: 44.74 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

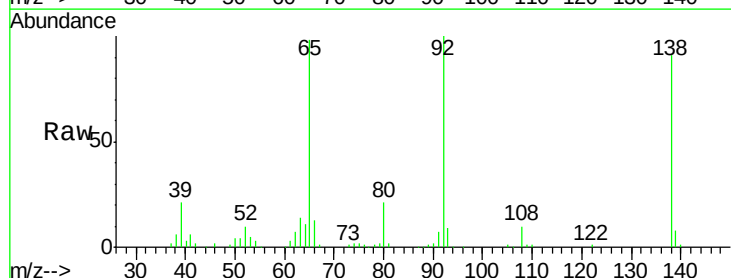
Tgt Ion:138 Resp: 102743

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

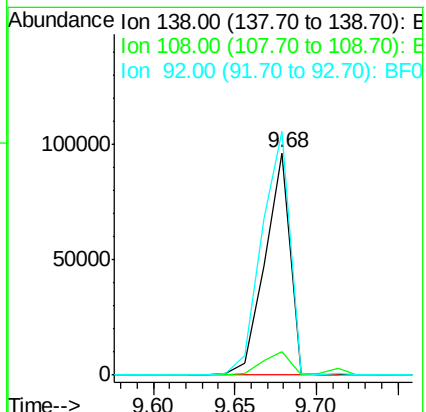
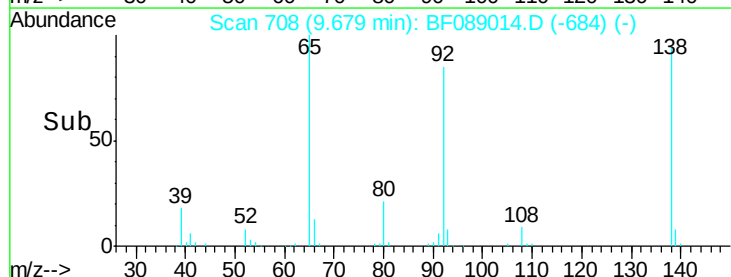
92 109.6 95.7 143.5

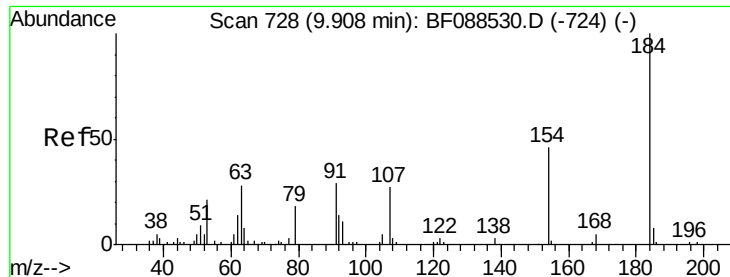


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

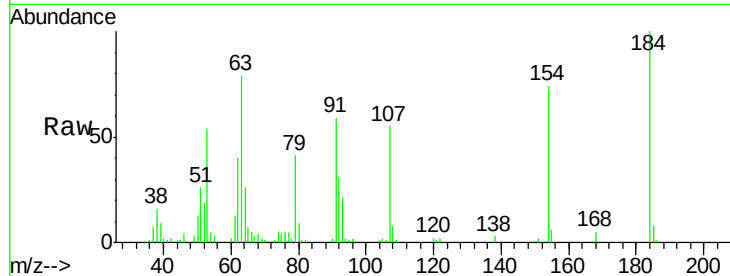




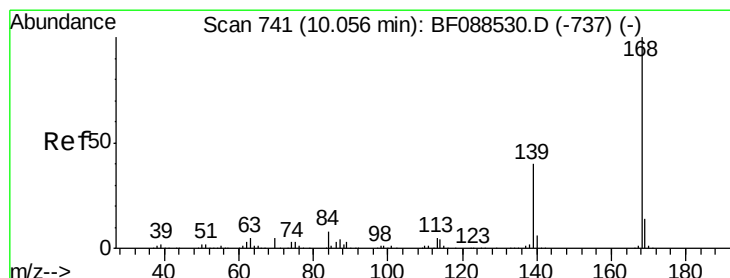
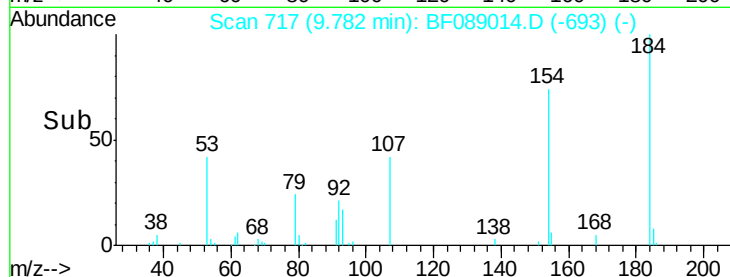
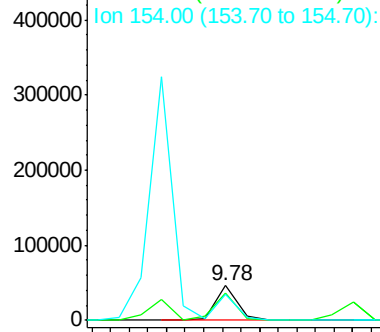
#53
2,4-Dinitrophenol
Concen: 50.63 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 40388
Ion Ratio Lower Upper
184 100
63 79.5 57.6 86.4
154 73.7 53.5 80.3

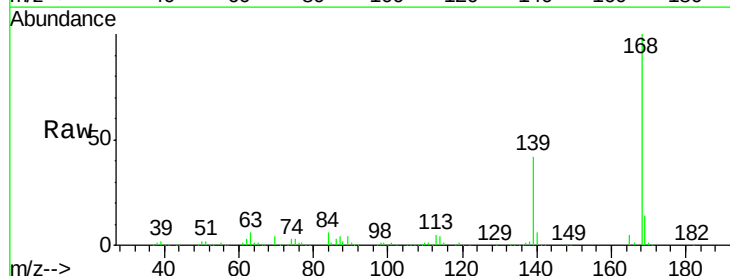


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

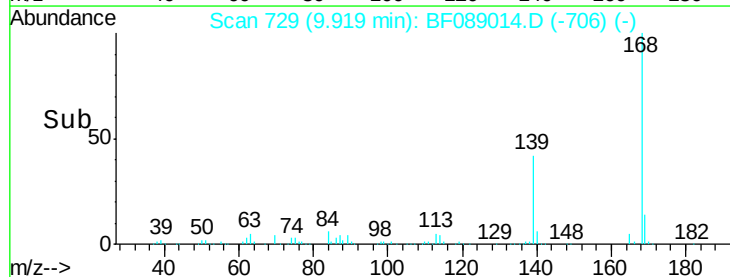
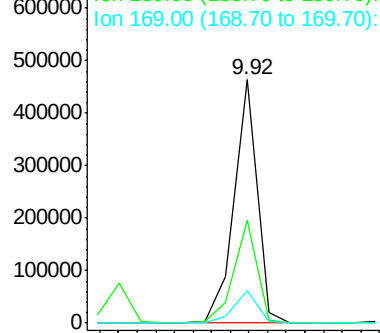


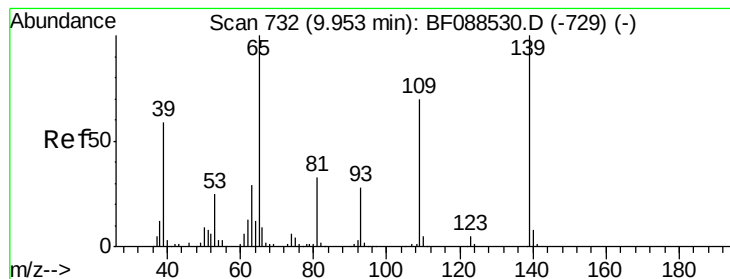
#54
Dibenzofuran
Concen: 41.67 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:168 Resp: 395710
Ion Ratio Lower Upper
168 100
139 42.4 26.4 39.6#
169 13.5 10.4 15.6



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: 38.26 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

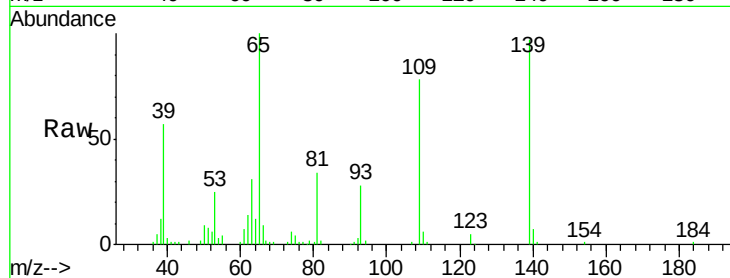
Tot Ion:139 Resp: 66776

Ion Ratio Lower Upper

139 100

109 80.8 48.9 88.9

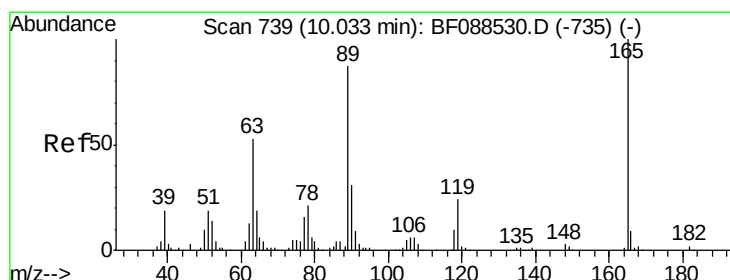
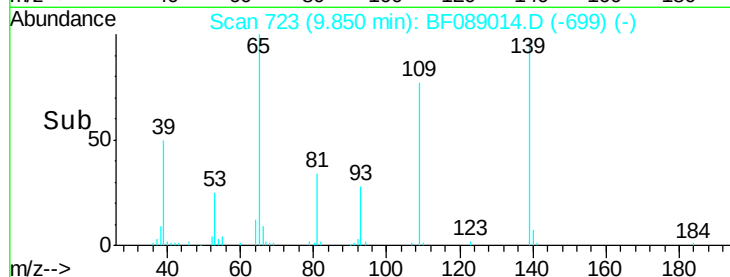
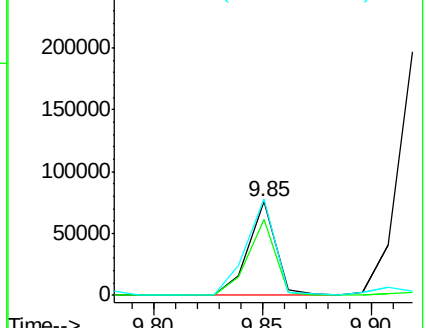
65 103.3 84.9 124.9



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: 38.23 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Tgt Ion:165 Resp: 90311

Ion Ratio Lower Upper

165 100

63 62.7 22.0 33.0#

89 92.9 41.1 61.7#

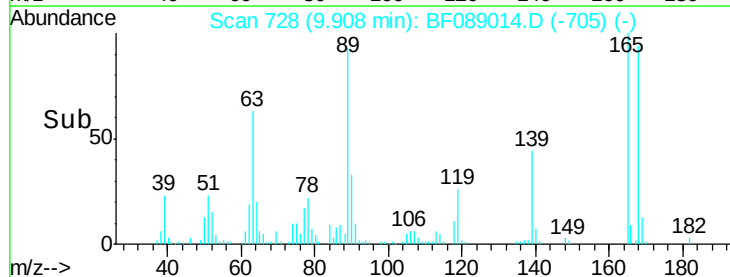
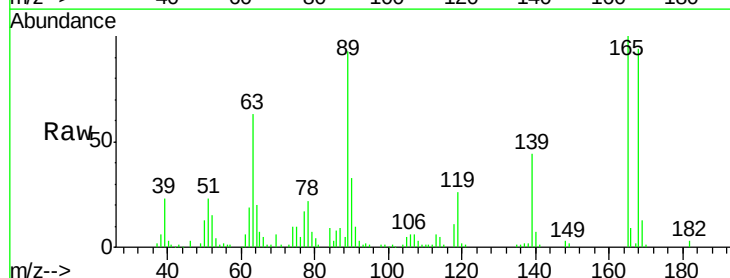
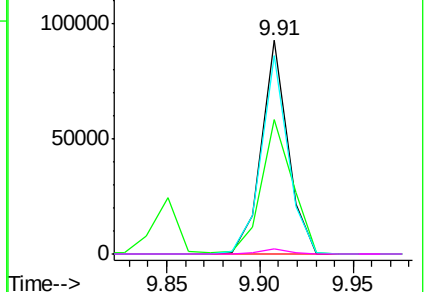
182 2.6 2.0 3.0

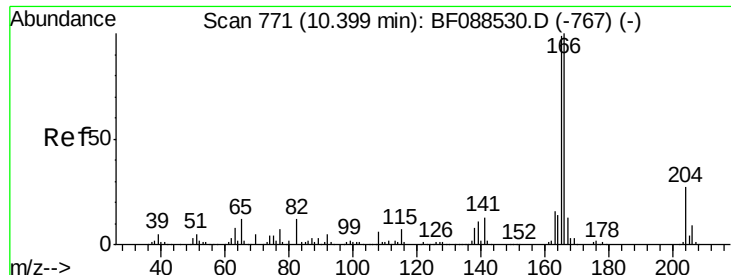
Abundance Ion 165.00 (164.70 to 165.70): E

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

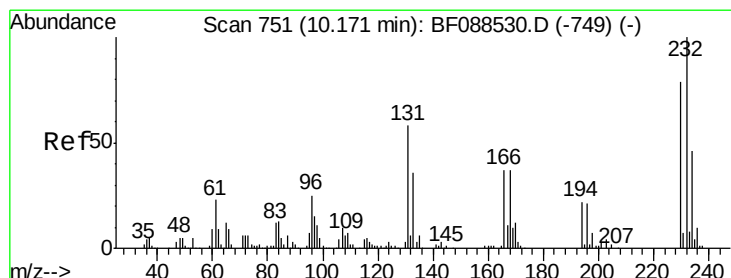
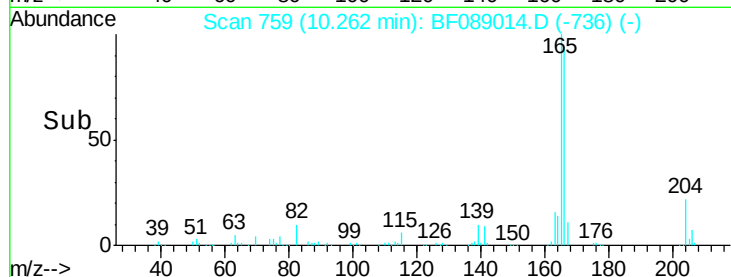
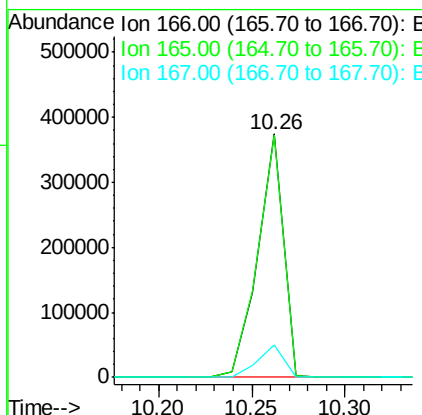
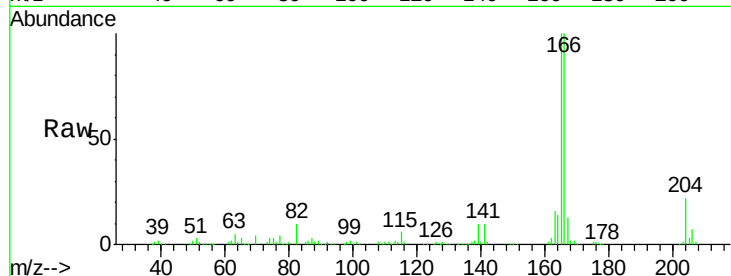




#57
 Fluorene
 Concen: 48.34 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

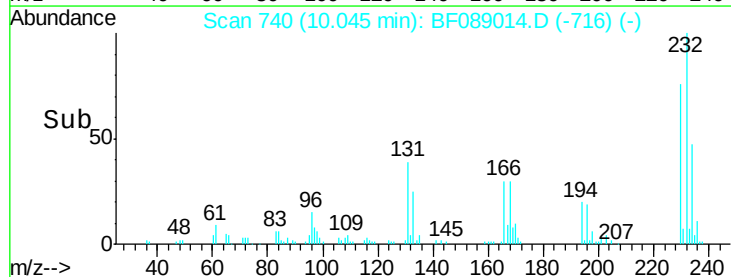
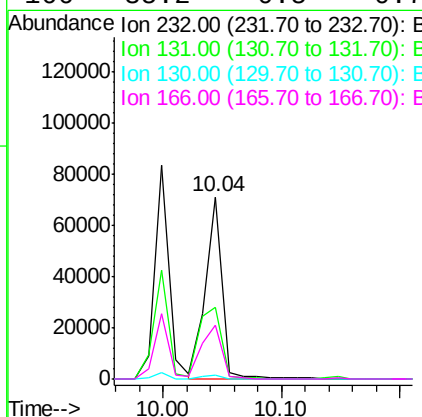
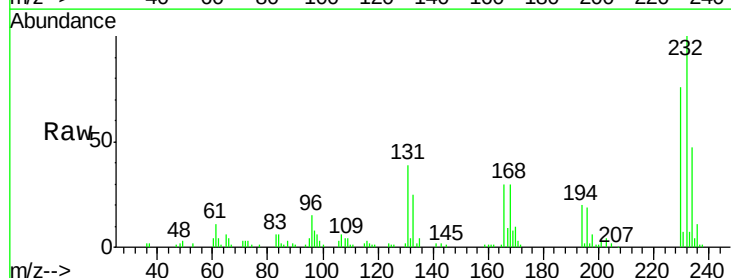
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

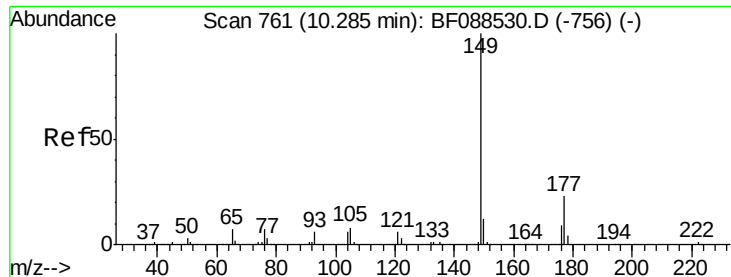
Tot Ion:166 Resp: 353705
 Ion Ratio Lower Upper
 166 100
 165 99.8 77.8 116.8
 167 13.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.23 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:232 Resp: 70534
 Ion Ratio Lower Upper
 232 100
 131 52.9 0.9 1.3#
 130 2.7 1.5 2.3#
 166 35.2 0.5 0.7#

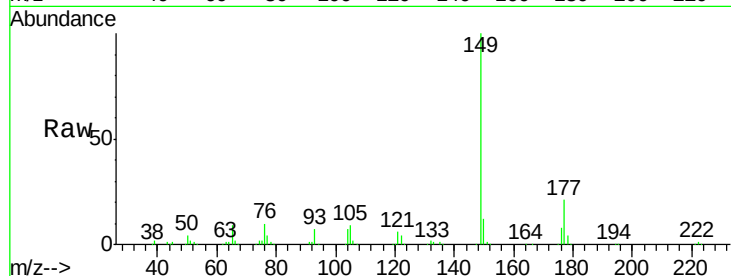




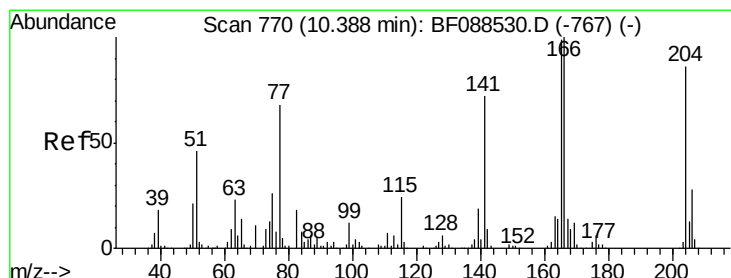
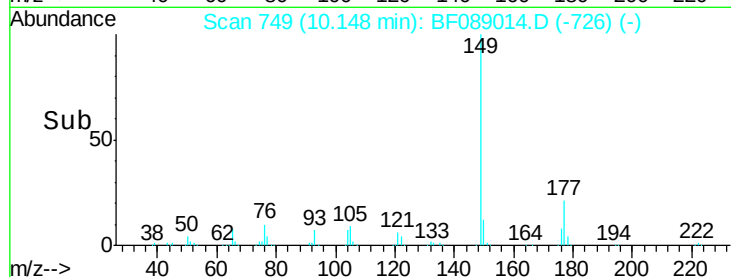
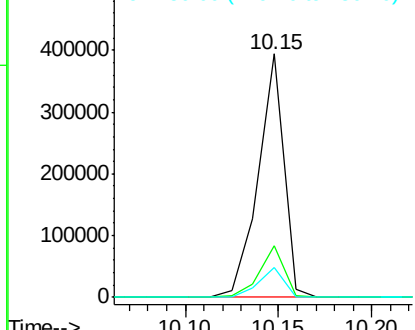
#59
Diethylphthalate
Concen: 45.65 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 373503
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.3 10.1 15.1

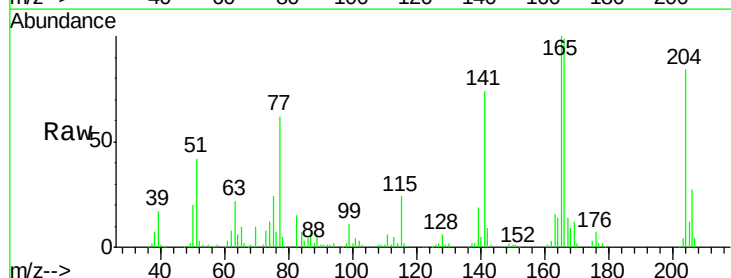


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

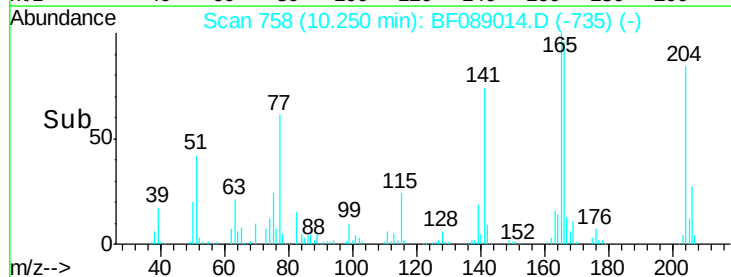
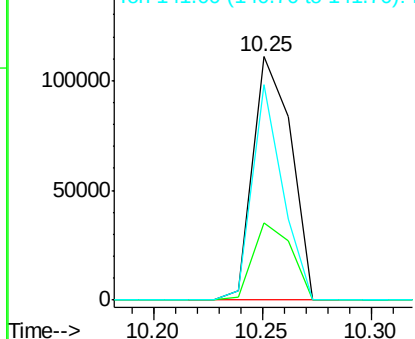


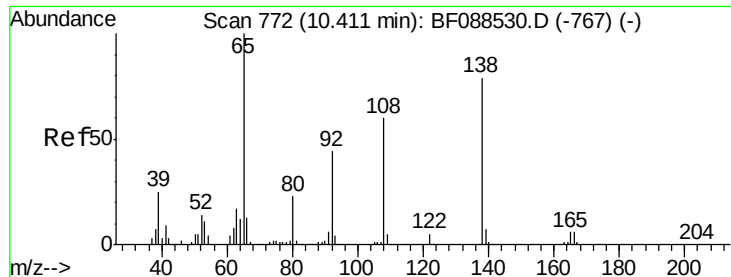
#60
4-Chlorophenyl-phenylether
Concen: 40.06 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:204 Resp: 136206
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 88.5 55.0 82.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

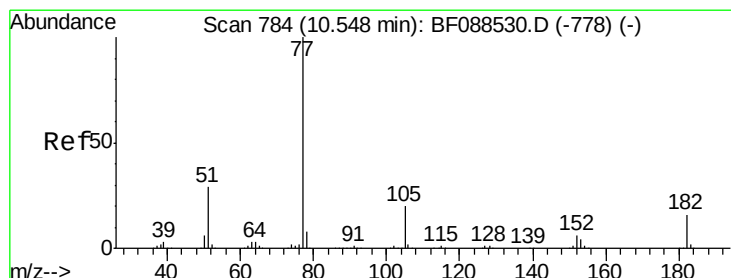
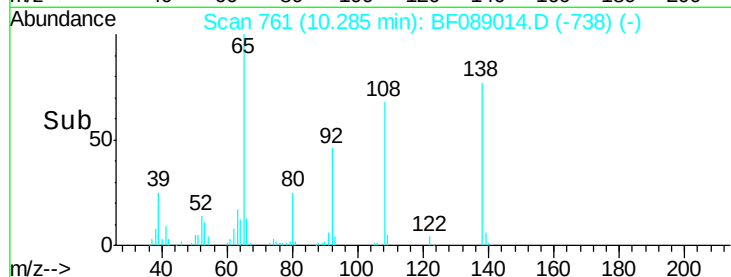
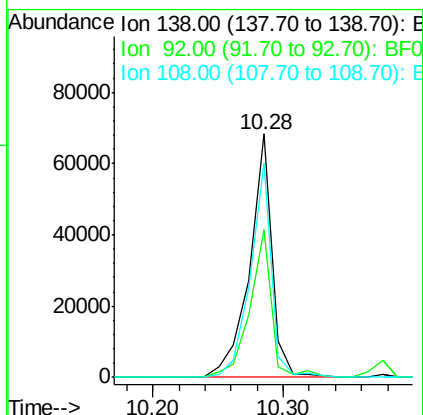
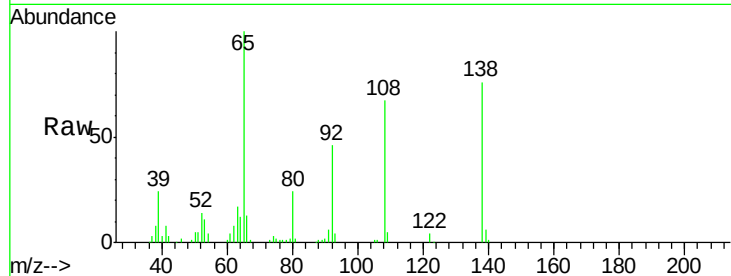




#61
4-Nitroaniline
Concen: 37.17 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

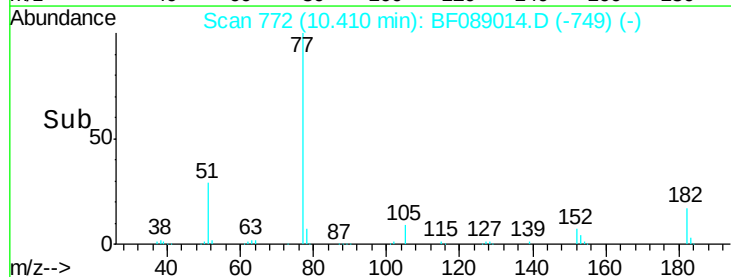
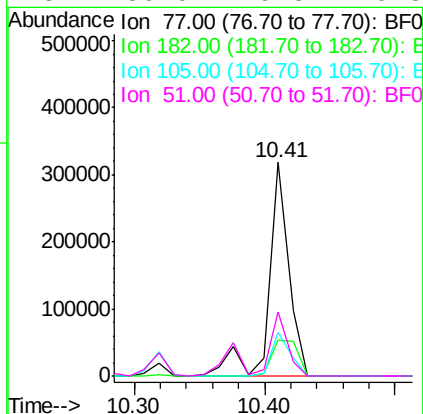
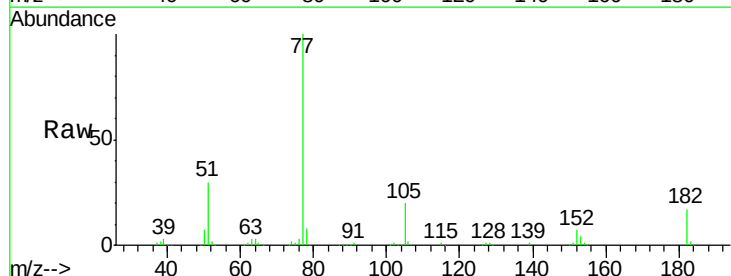
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

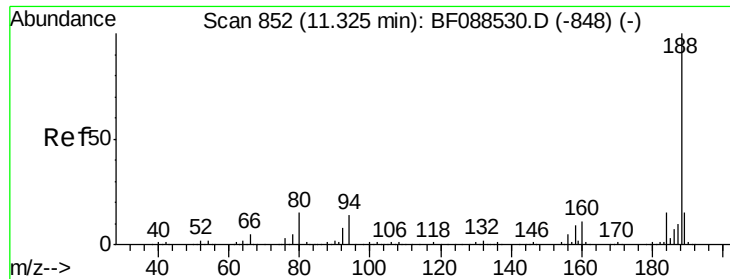
Tot Ion:138 Resp: 82161
Ion Ratio Lower Upper
138 100
92 60.5 27.3 67.3
108 88.1 46.7 86.7#



#62
Azobenzene
Concen: 36.88 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion: 77 Resp: 344123
Ion Ratio Lower Upper
77 100
182 16.6 4.4 44.4
105 20.5 3.8 43.8
51 30.0 9.3 49.3

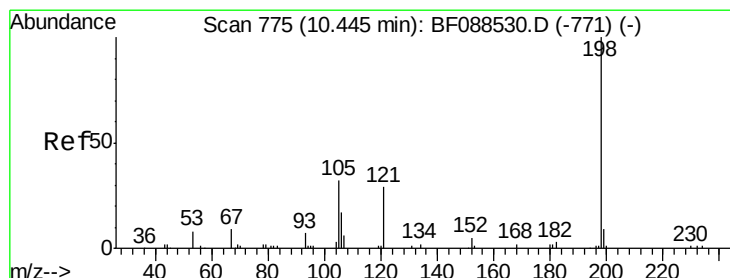
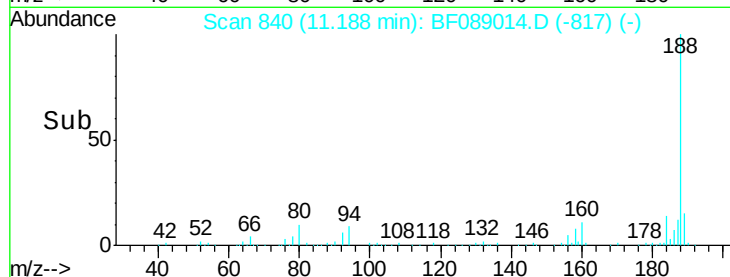
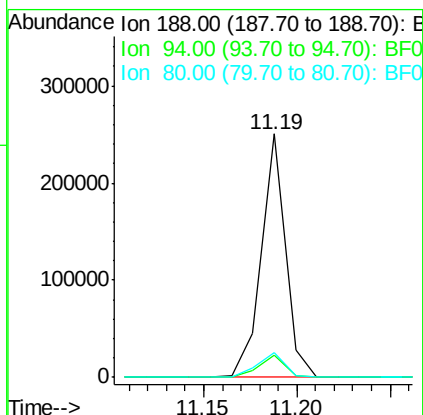
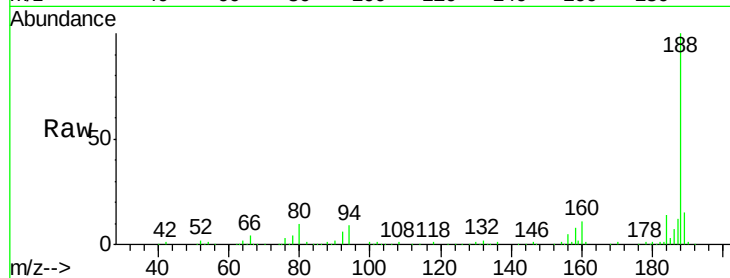




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

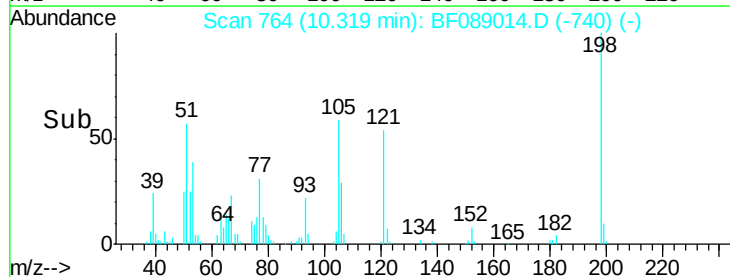
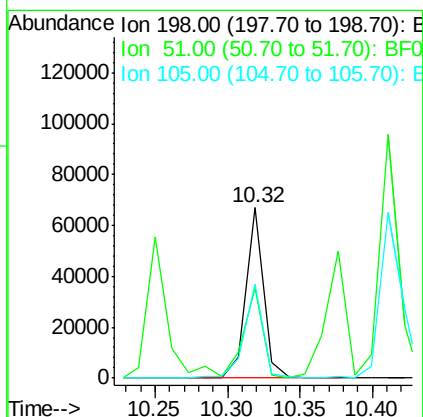
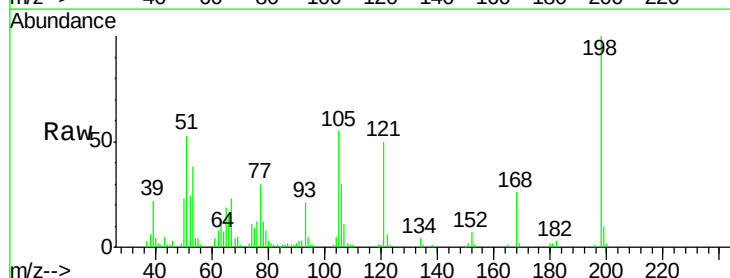
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

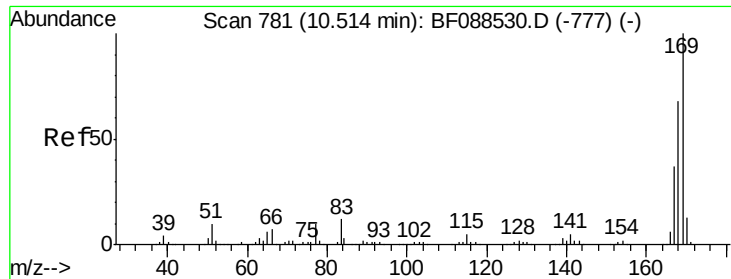
Tot Ion:188 Resp: 222823
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.6#
80 10.4 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 47.52 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:198 Resp: 56634
Ion Ratio Lower Upper
198 100
51 52.8 39.6 79.6
105 55.0 36.6 76.6

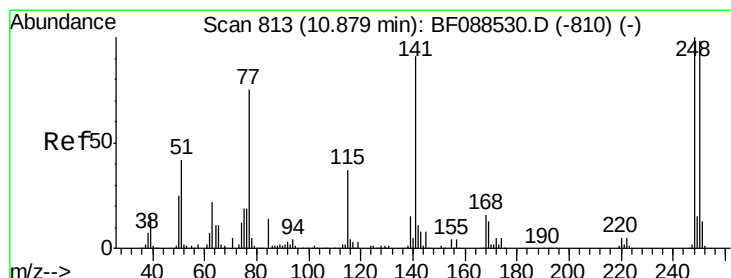
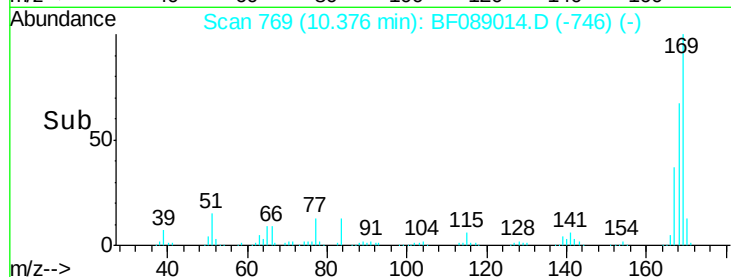
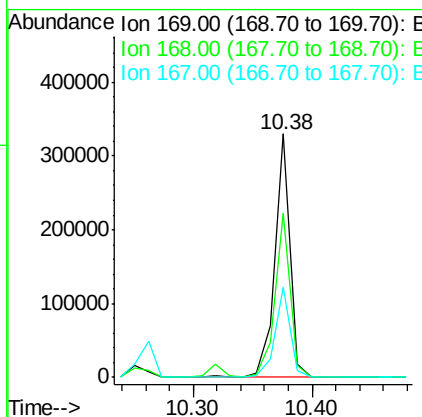
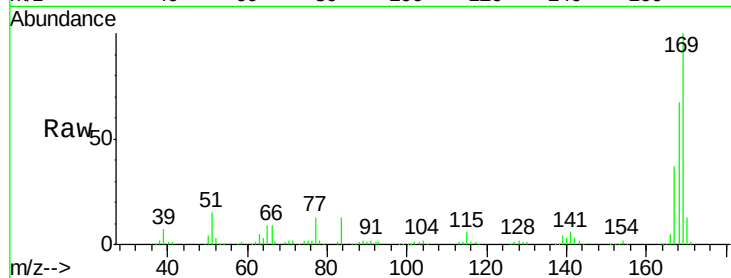




#65
 n-Nitrosodiphenylamine
 Concen: 38.68 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

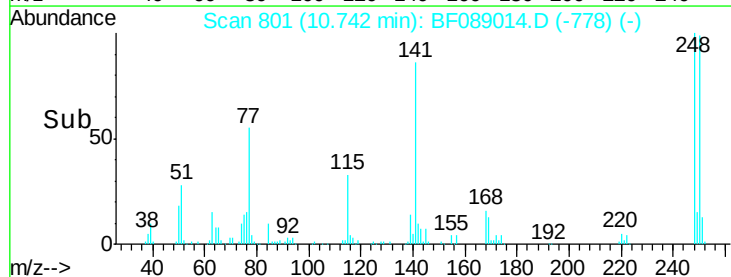
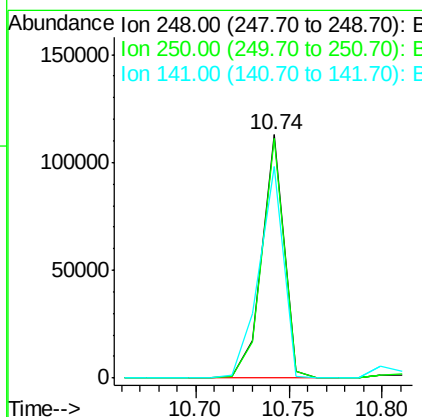
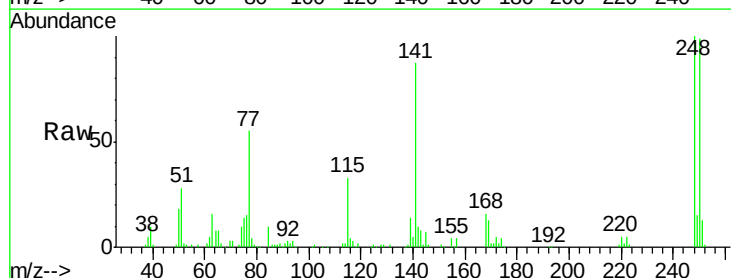
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

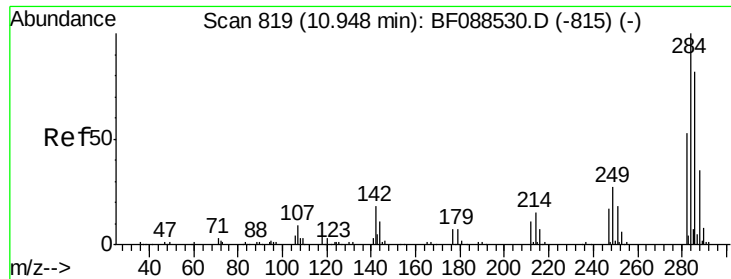
Tot Ion:169 Resp: 291695
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.0
 167 37.1 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 40.96 ng
 RT: 10.74 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:248 Resp: 91976
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 87.1 50.6 76.0#

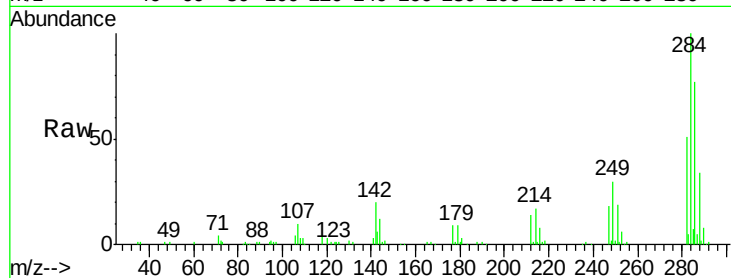




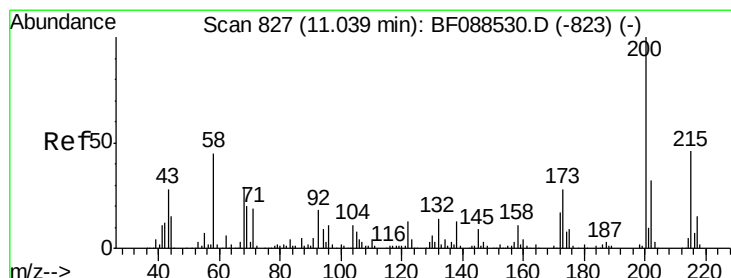
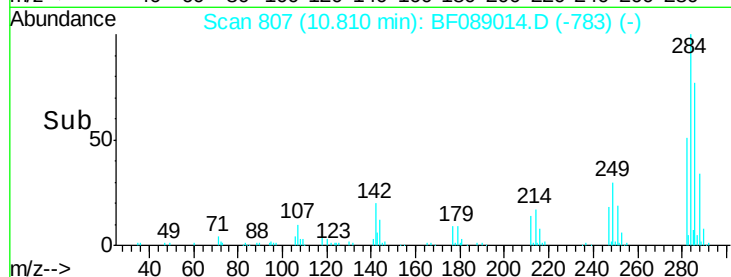
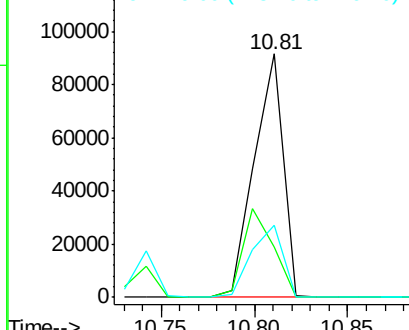
#67
Hexachlorobenzene
Concen: 39.32 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 97741
Ion Ratio Lower Upper
284 100
142 20.5 35.8 53.8#
249 29.6 25.8 38.6

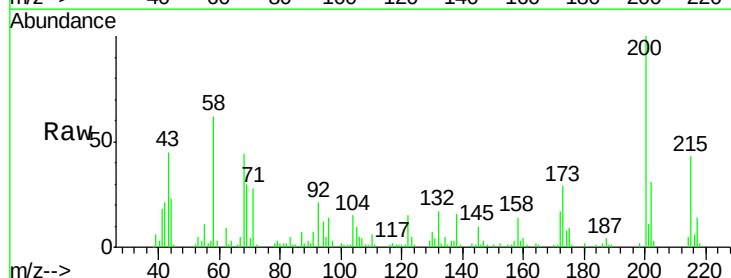


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

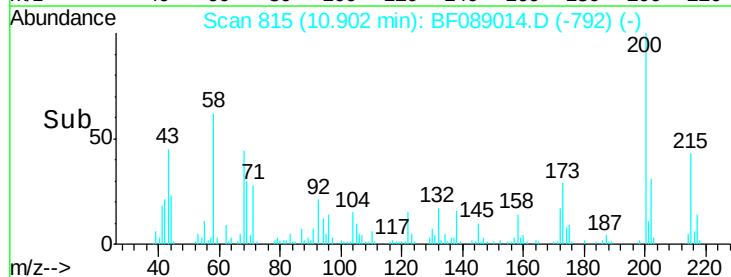
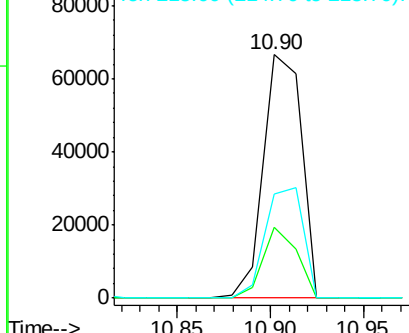


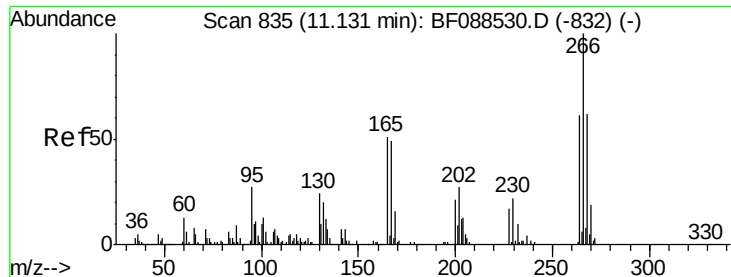
#68
Atrazine
Concen: 40.04 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 13:55

Tgt Ion:200 Resp: 94091
Ion Ratio Lower Upper
200 100
173 29.2 4.0 44.0
215 42.7 29.3 69.3



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

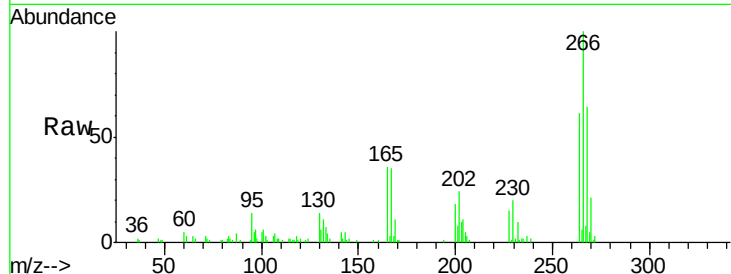




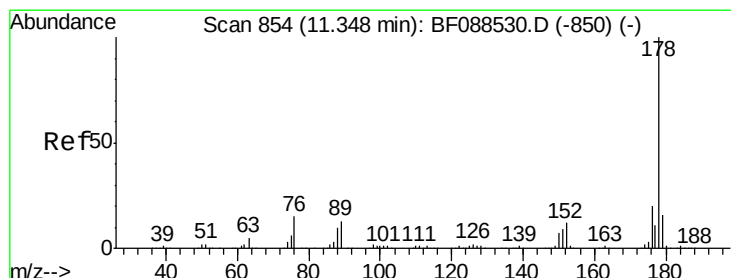
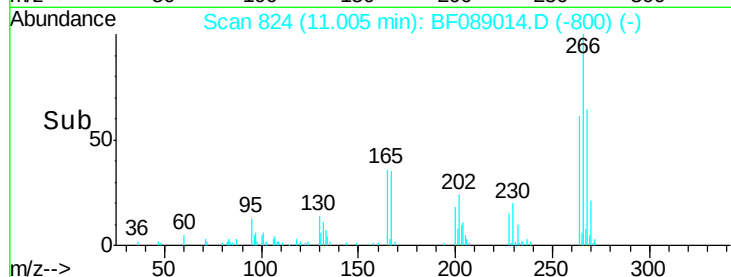
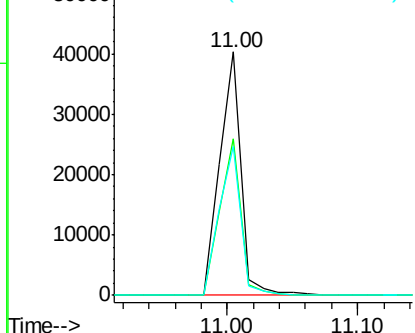
#69
 Pentachlorophenol
 Concen: 31.27 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 46005
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.8 79.2
 264 60.9 49.6 74.4

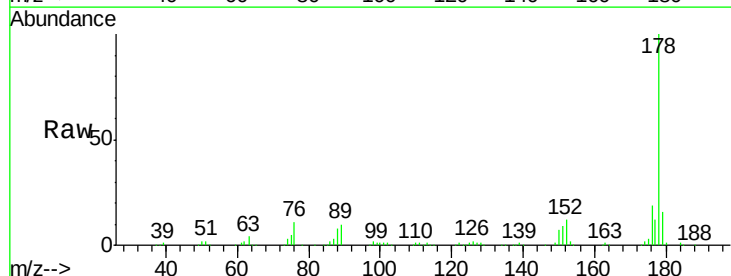


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

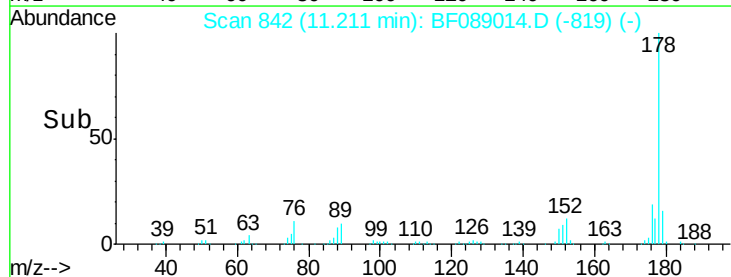
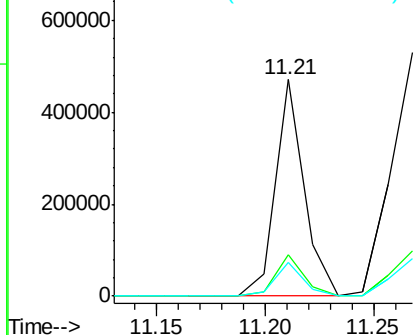


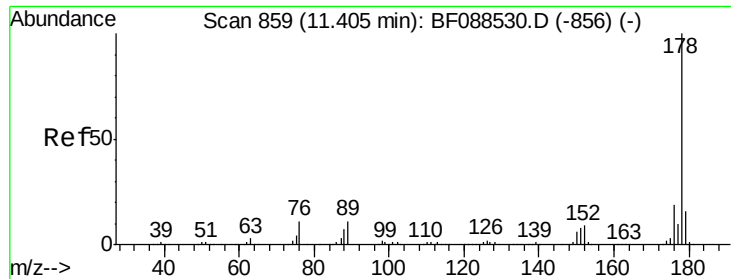
#70
 Phenanthrene
 Concen: 35.63 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:178 Resp: 433996
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 15.6 13.0 19.4



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

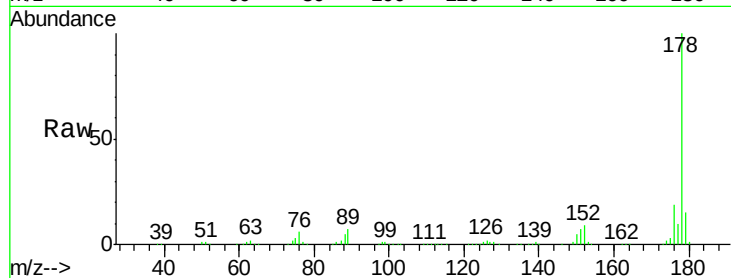




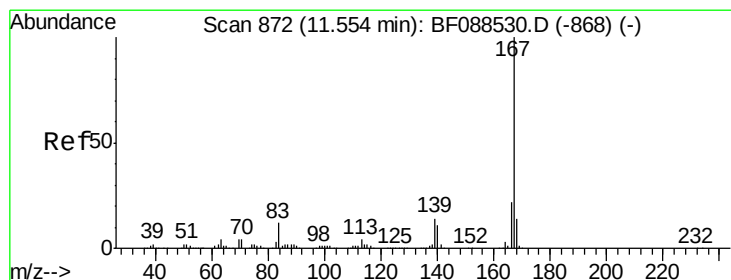
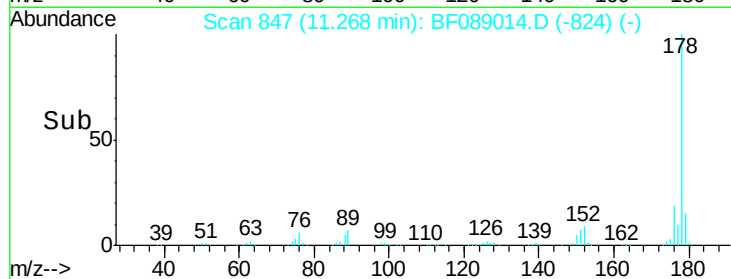
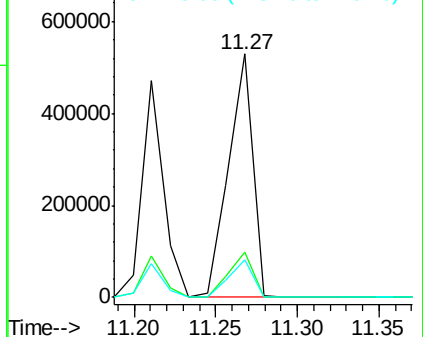
#71
 Anthracene
 Concen: 44.46 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 538466
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.2 12.8 19.2

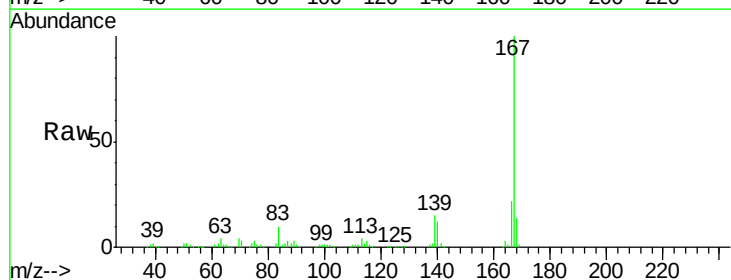


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

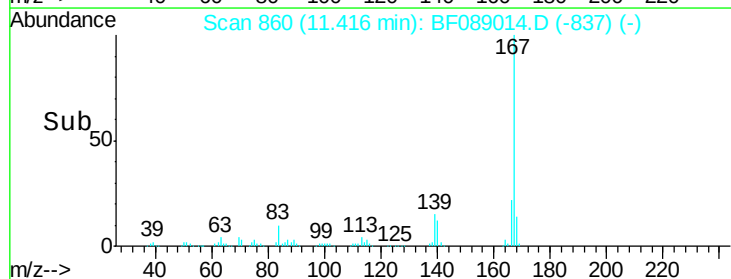
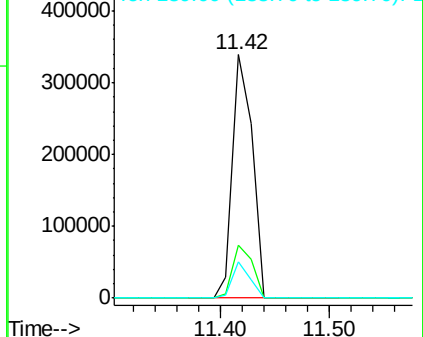


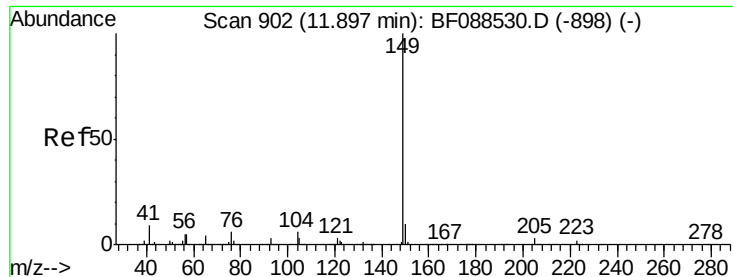
#72
 Carbazole
 Concen: 36.98 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:167 Resp: 421595
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 14.9 11.2 16.8



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: 39.37 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

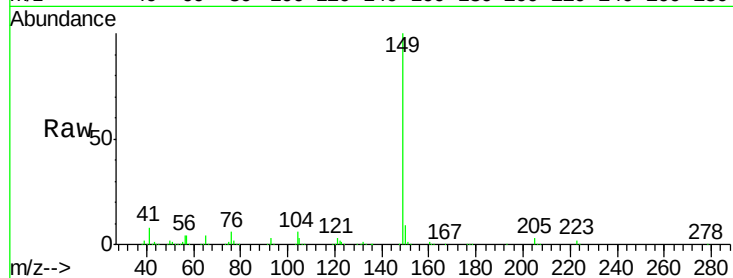
Tot Ion:149 Resp: 522005

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

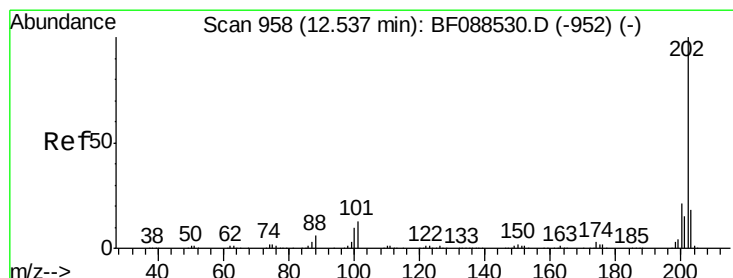
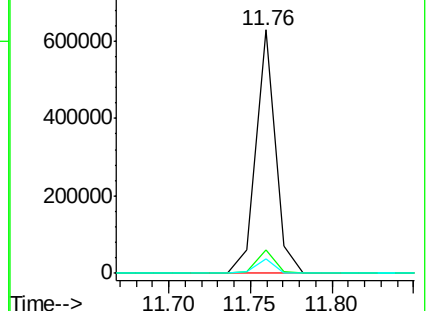
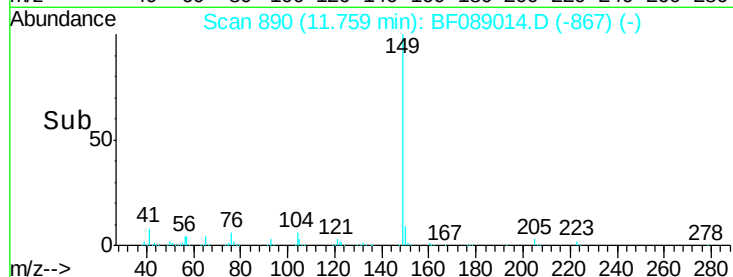
104 5.8 4.0 6.0



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: 38.95 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

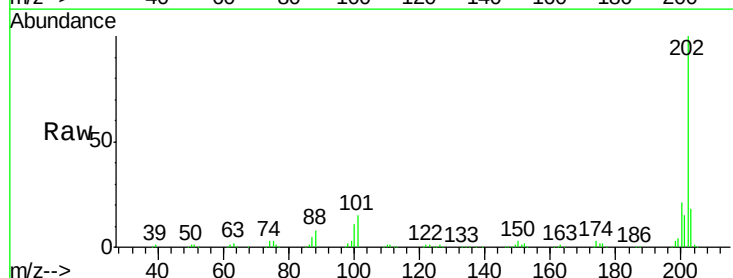
Tgt Ion:202 Resp: 480961

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.1

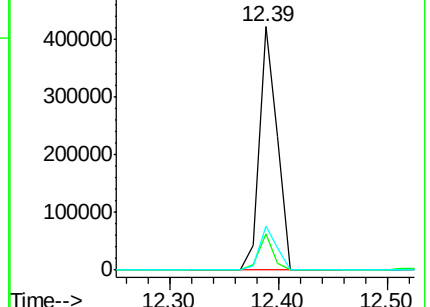
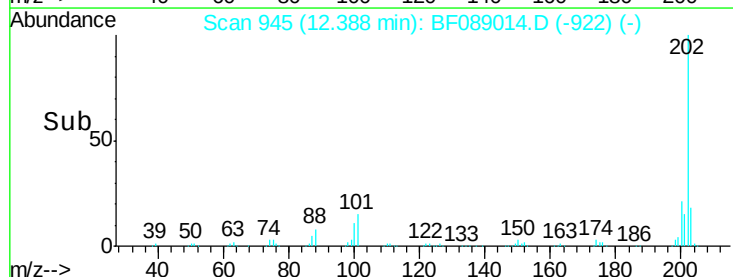
203 17.8 0.0 38.1

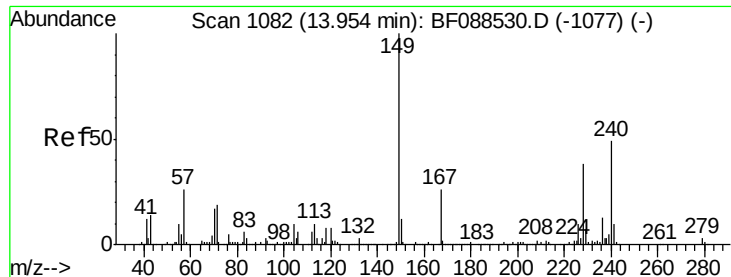


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

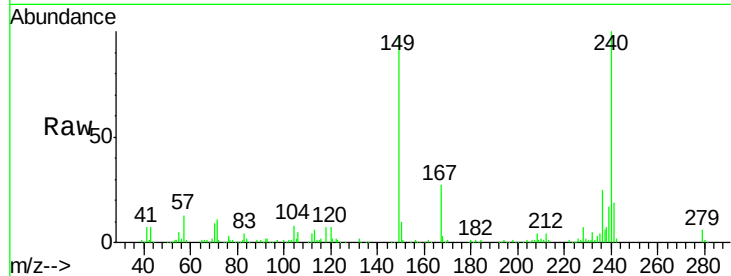
Tot Ion:240 Resp: 159069

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

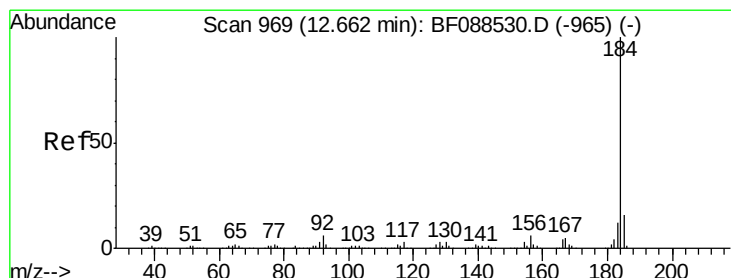
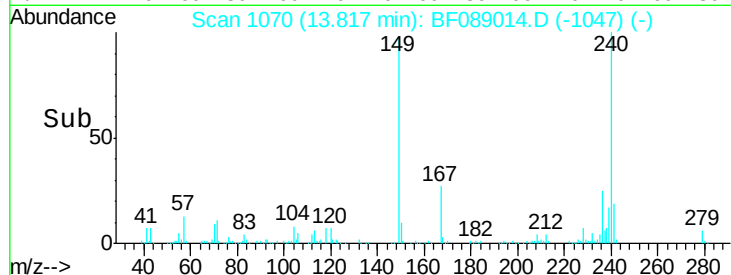
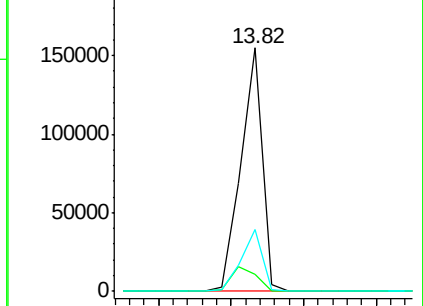
236 25.3 20.2 30.2



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: 62.85 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

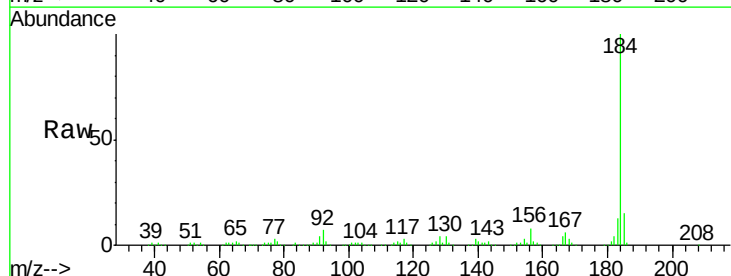
Tgt Ion:184 Resp: 505342

Ion Ratio Lower Upper

184 100

185 15.3 12.5 18.7

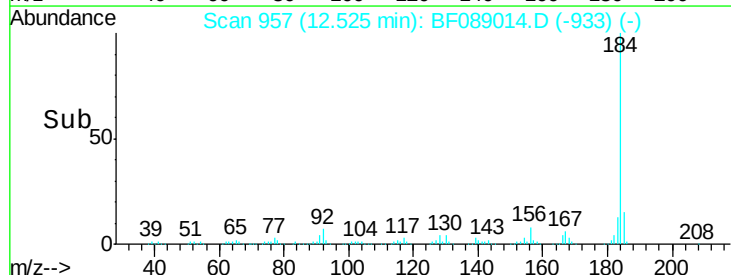
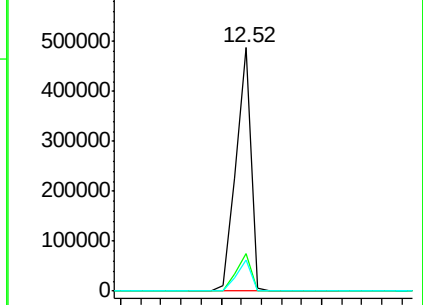
183 12.6 9.3 13.9

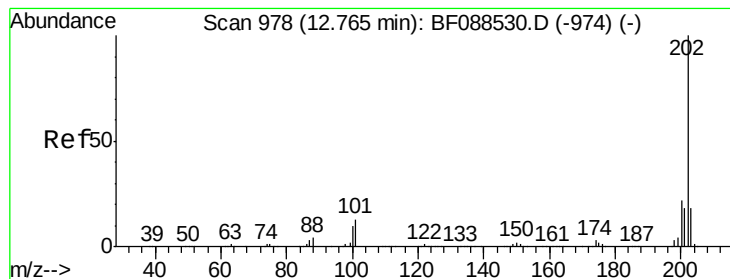


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.36 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

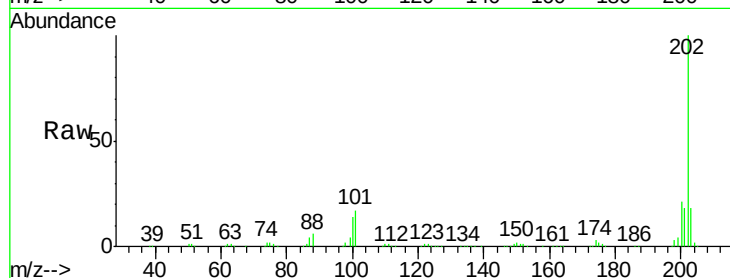
Tot Ion:202 Resp: 476857

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

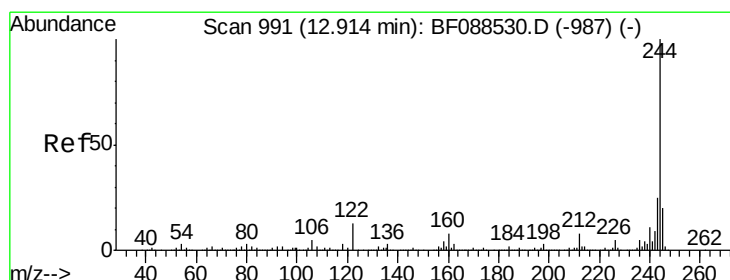
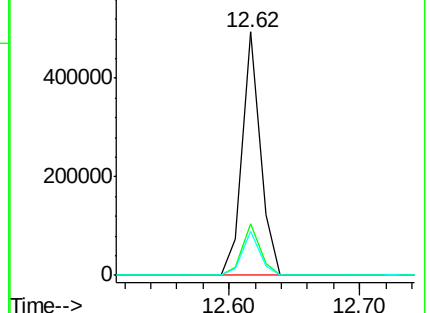
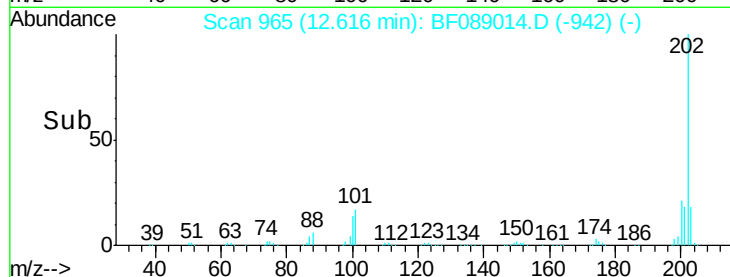
203 17.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.18 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

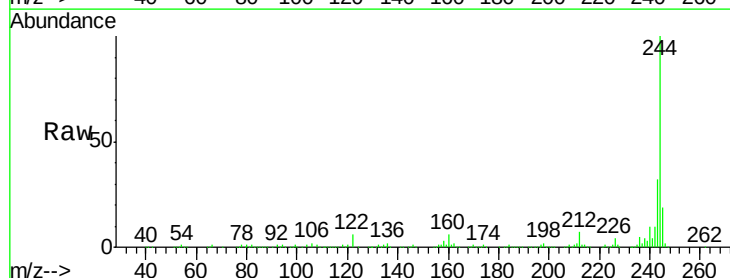
Tgt Ion:244 Resp: 608357

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

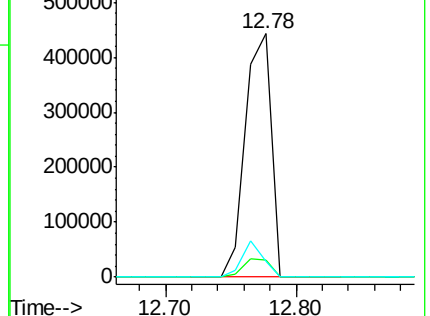
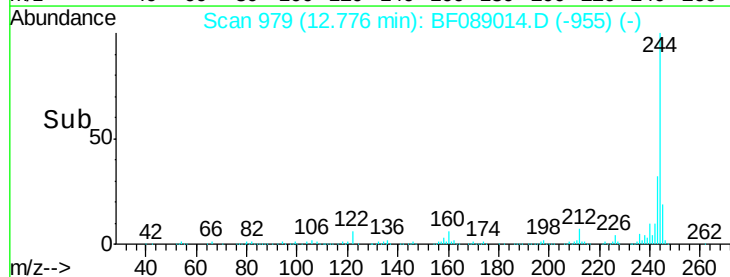
122 6.3 11.2 16.8#

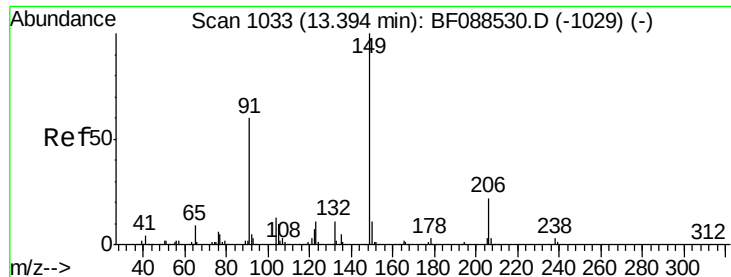


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.25 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

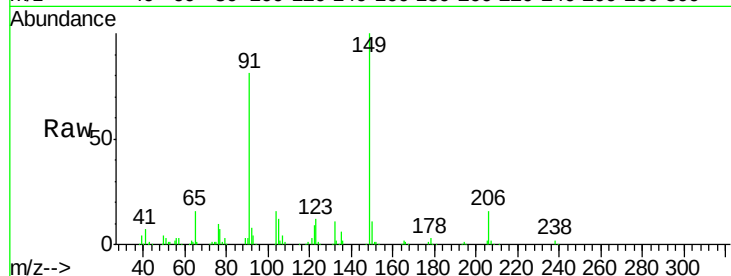
Tot Ion:149 Resp: 224126

Ion Ratio Lower Upper

149 100

91 81.1 48.0 72.0#

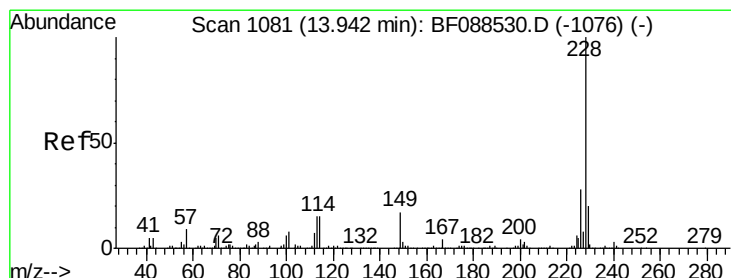
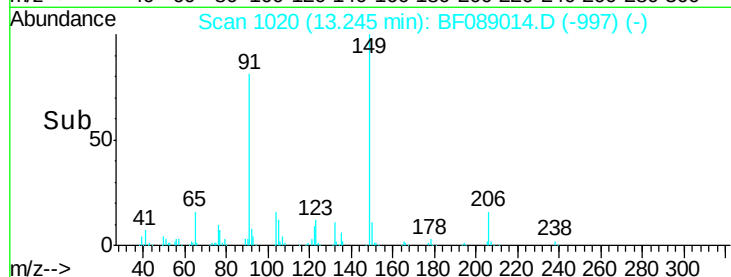
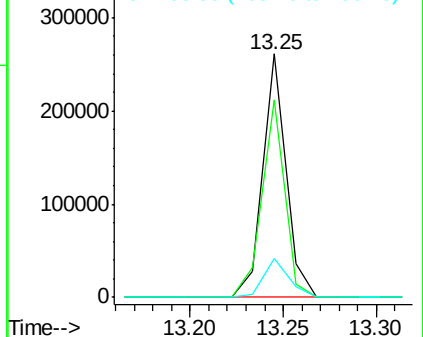
206 16.1 16.0 24.0



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: 40.02 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

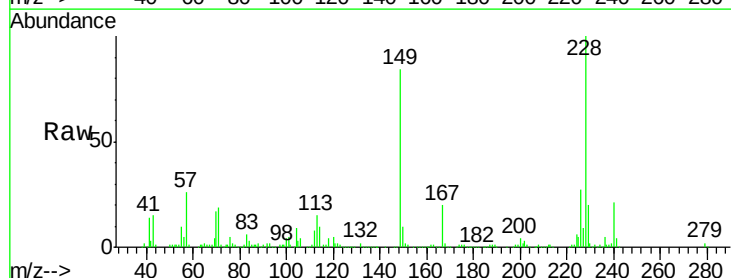
Tgt Ion:228 Resp: 409864

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

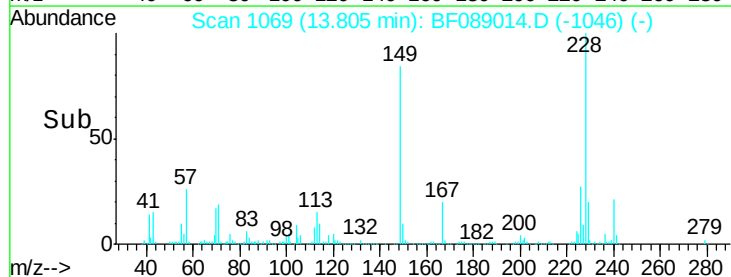
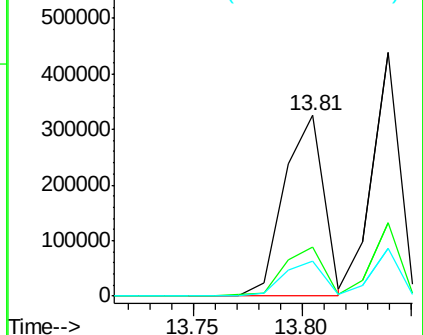
229 19.5 16.0 24.0

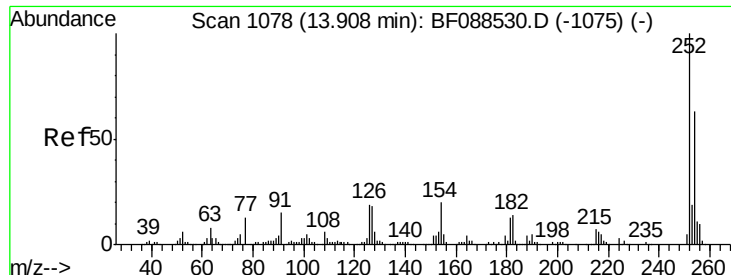


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

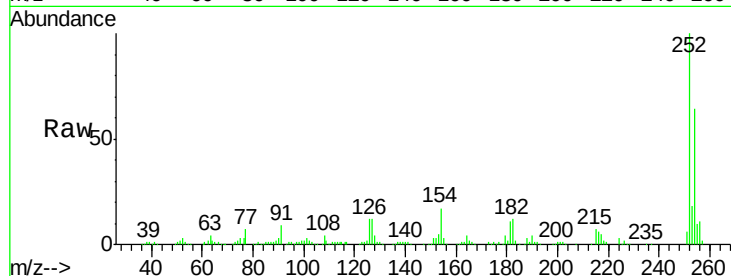




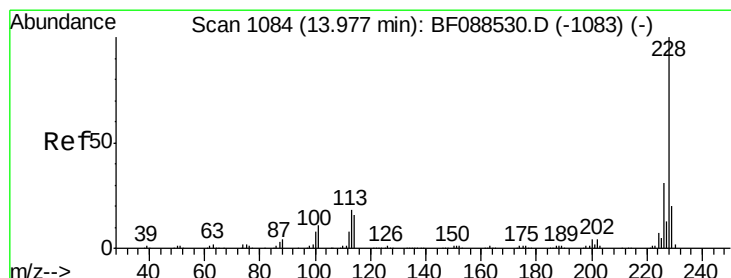
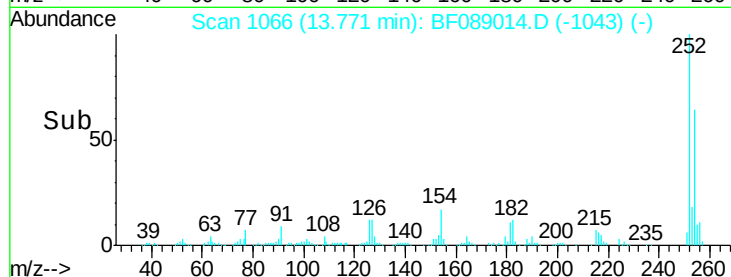
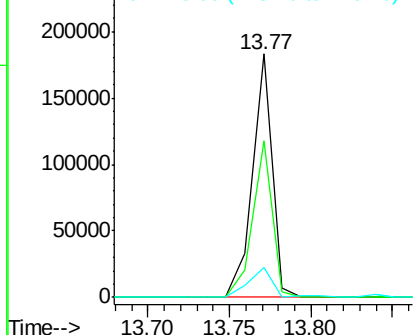
#81
 3,3'-Dichlorobenzidine
 Concen: 39.92 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 153733
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 12.5 6.2 9.2#

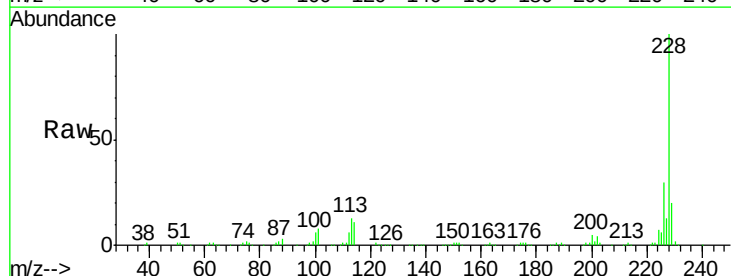


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

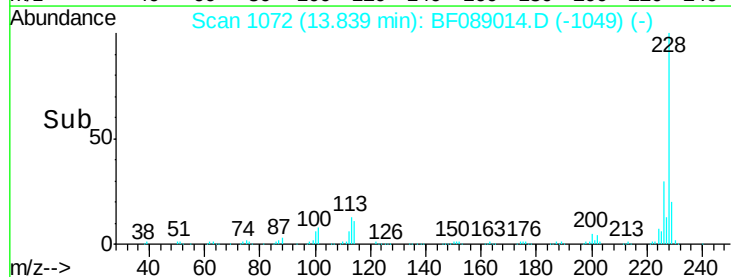
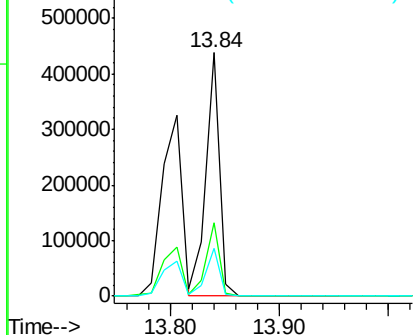


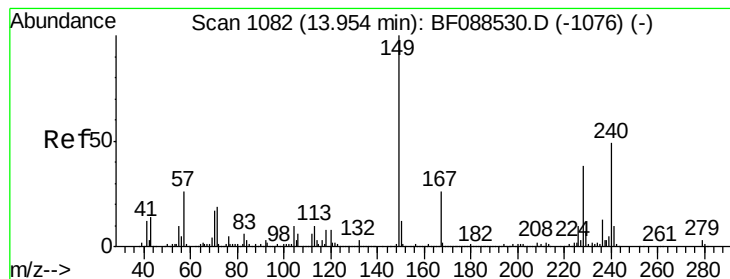
#82
 Chrysene
 Concen: 38.13 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:228 Resp: 386363
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 19.7 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.07 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

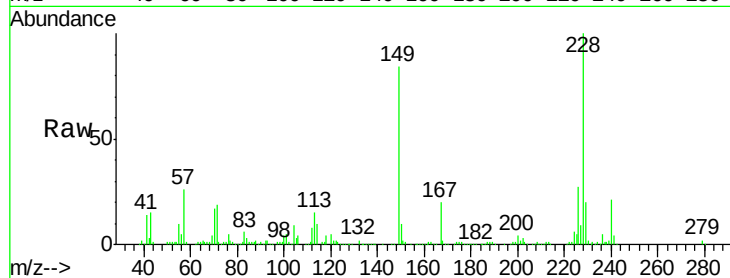
Tot Ion:149 Resp: 302689

Ion Ratio Lower Upper

149 100

167 23.6 20.5 30.7

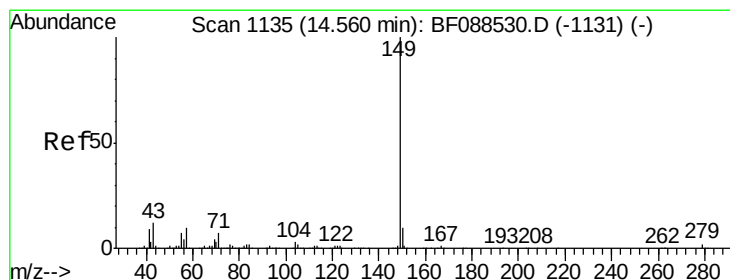
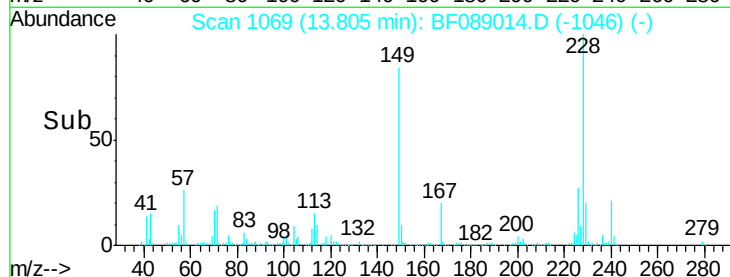
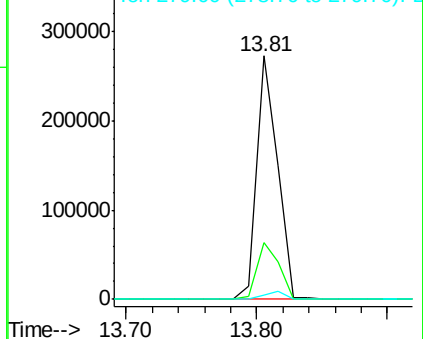
279 1.9 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.89 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

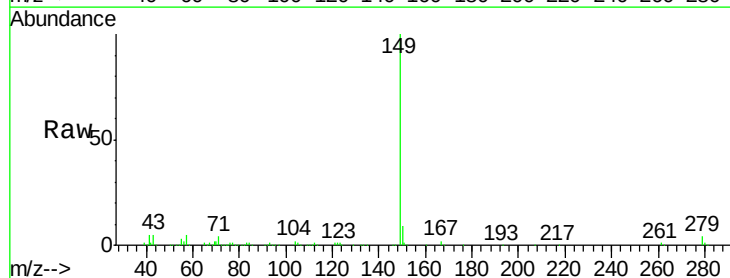
Tgt Ion:149 Resp: 523816

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

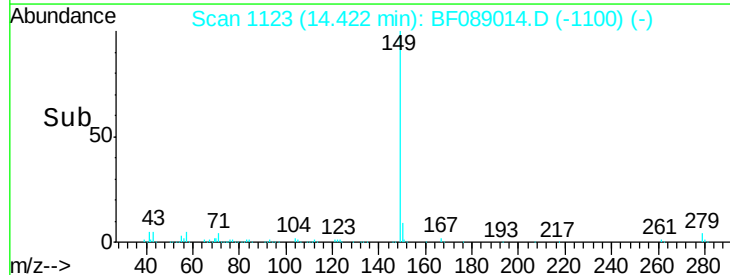
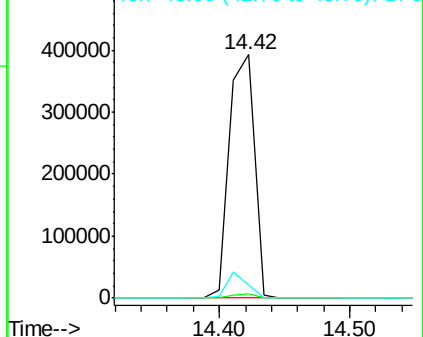
43 8.7 0.0 0.0#

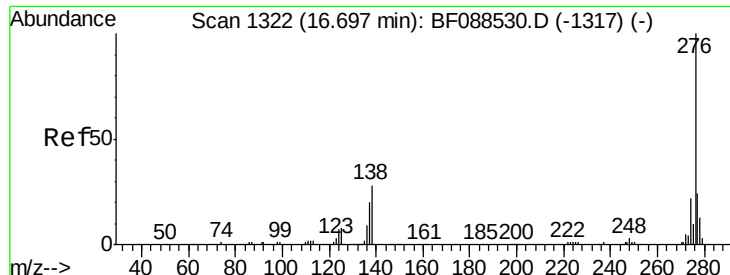


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

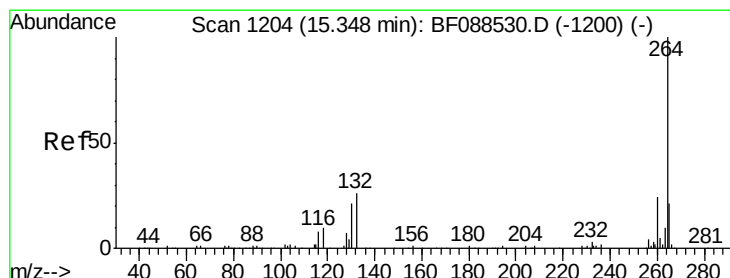
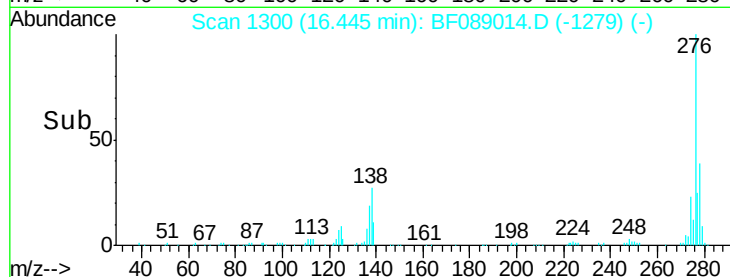
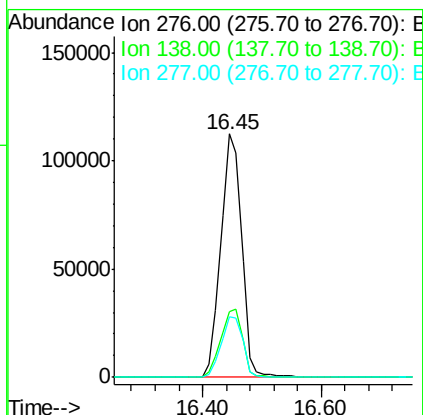
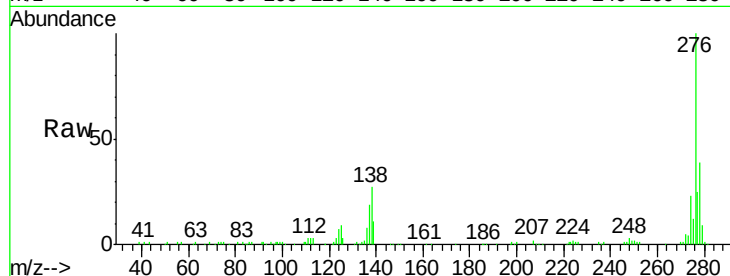




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.09 ng
 RT: 16.45 min Scan# 1300
 Delta R.T. -0.06 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

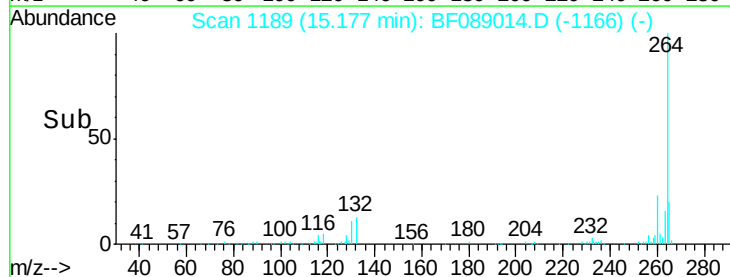
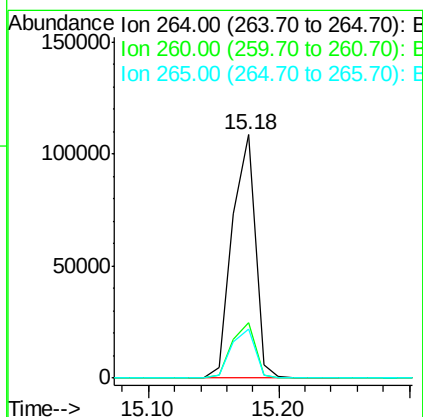
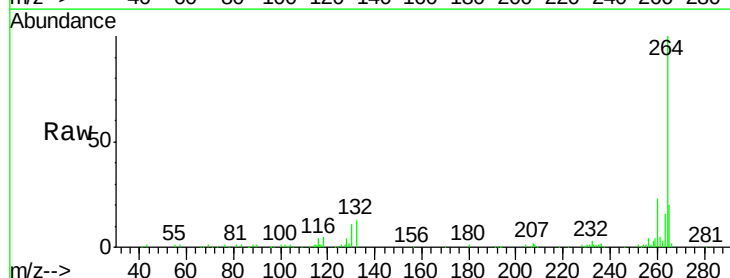
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

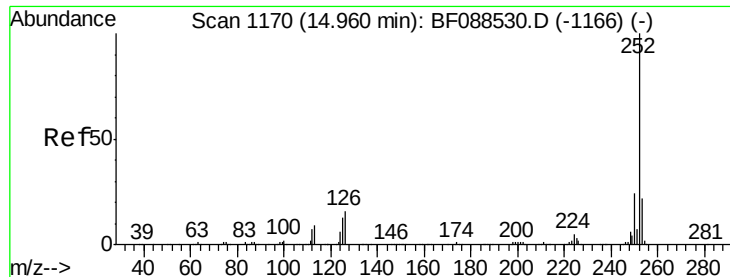
Tot Ion:276 Resp: 273571
 Ion Ratio Lower Upper
 276 100
 138 29.1 0.0 0.0#
 277 25.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Tgt Ion:264 Resp: 133580
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.4 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 39.13 ng m

RT: 14.80 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

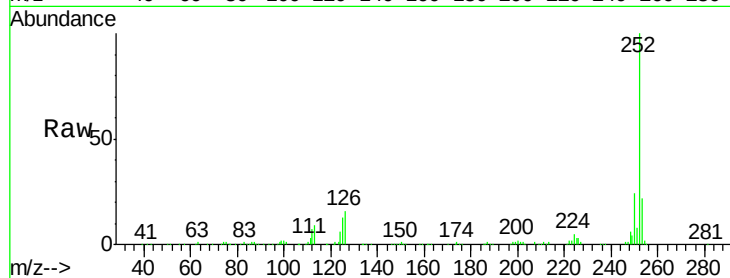
Tot Ion:252 Resp: 327913

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

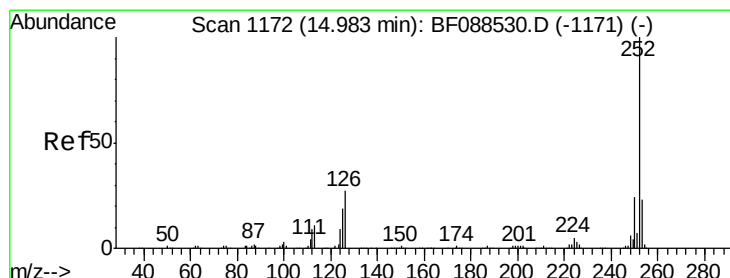
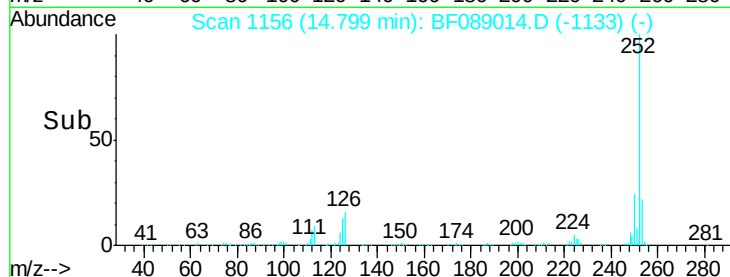
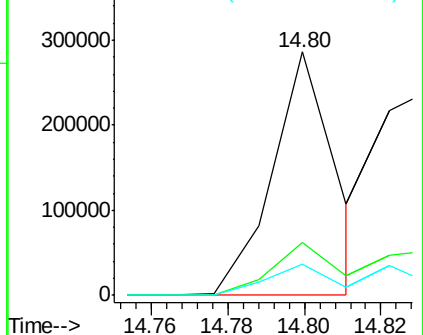
125 12.8 7.1 10.7#



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: 44.05 ng m

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

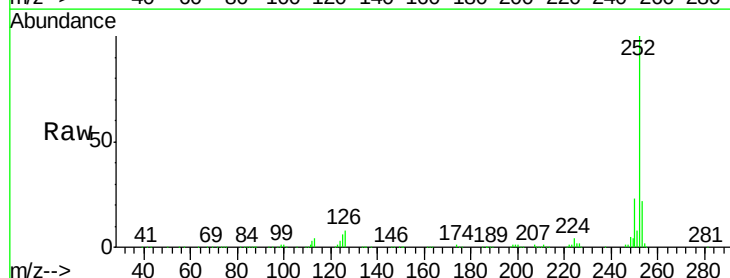
Tgt Ion:252 Resp: 321321

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

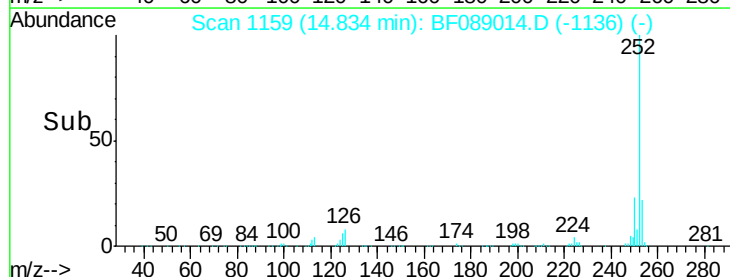
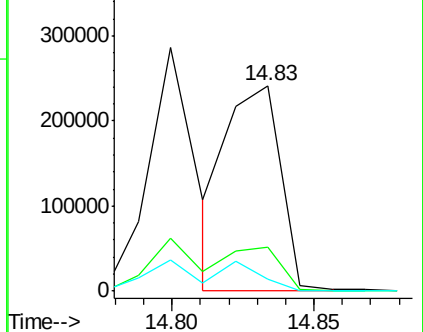
125 5.5 11.2 16.8#

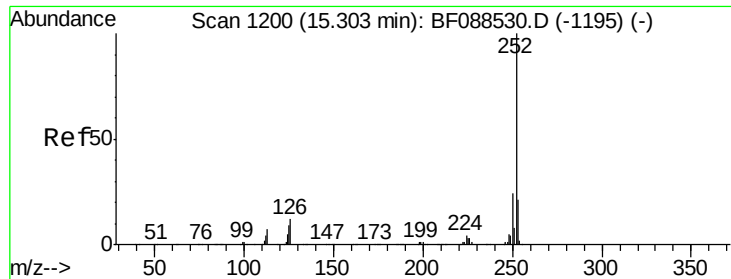


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.79 ng

RT: 15.12 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

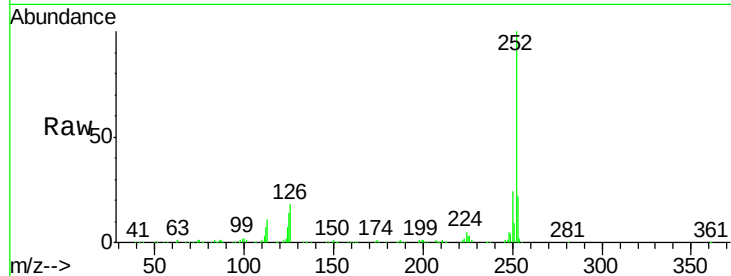
Tot Ion:252 Resp: 289428

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

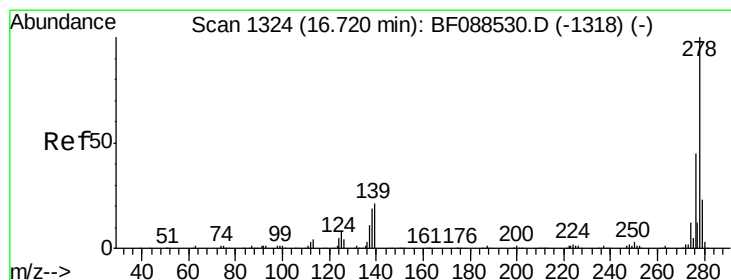
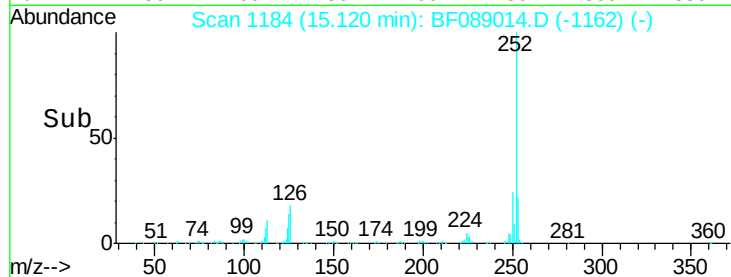
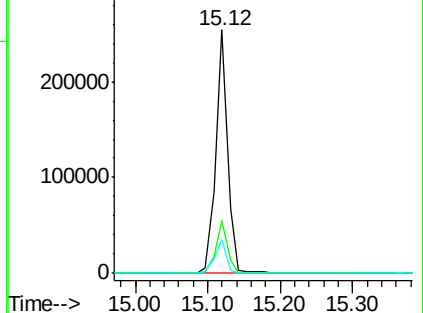
125 13.8 12.5 18.7



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: 40.66 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.05 min

Lab File: BF089014.D

Acq: 15 Jul 2016 13:55

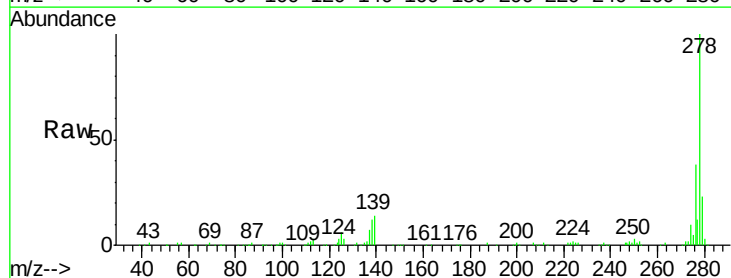
Tgt Ion:278 Resp: 240862

Ion Ratio Lower Upper

278 100

139 13.6 15.7 23.5#

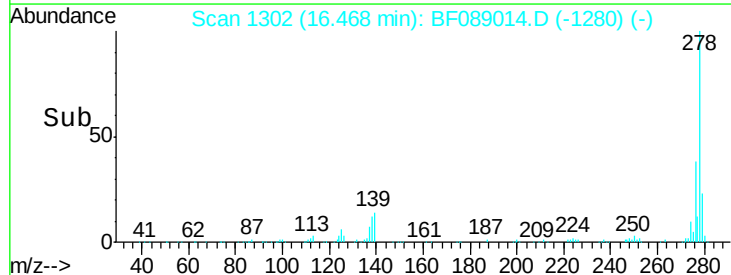
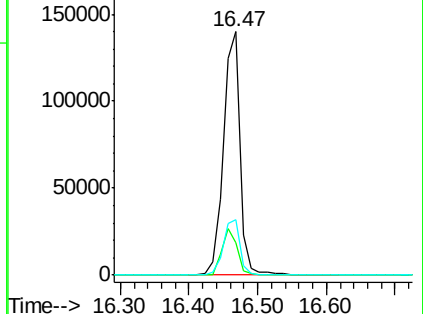
279 22.9 19.4 29.2

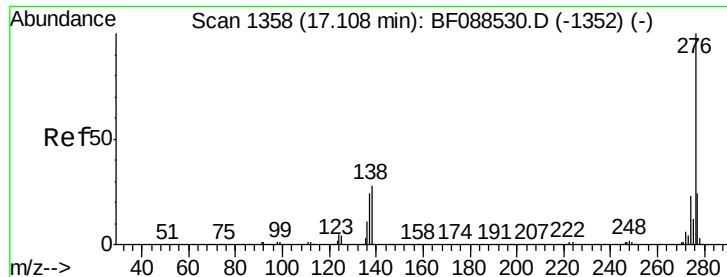


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

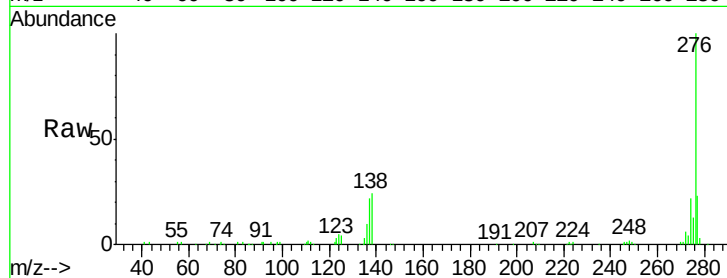




#91
 Benzo(a,h,i)perylene
 Concen: 38.09 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.06 min
 Lab File: BF089014.D
 Acq: 15 Jul 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	23.8	21.4	32.2



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

