

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082962.D
 Acq On : 17 Nov 2015 2:46
 Operator : UM/IZ
 Sample : PB86680BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

Quant Time: Nov 17 06:38:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	226091	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	876447	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	445800	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	876399	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	635986	20.00	ng	-0.08
86) Perylene-d12	15.35	264	603356	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1002787	69.01	ng	-0.05
7) Phenol-d6	6.44	99	1312181	67.93	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1322737	65.67	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	305928	59.85	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1919139	61.70	ng	-0.07
78) Terphenyl-d14	12.90	244	2152535	80.28	ng	-0.07

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	184431	29.42	ng	96
3) Pyridine	3.10	79	497666	27.35	ng	94
4) n-Nitrosodimethylamine	3.06	42	259874	28.80	ng	# 73
6) Aniline	6.44	93	410281	15.13	ng	# 39
8) 2-Chlorophenol	6.58	128	515317	31.99	ng	98
9) Benzaldehyde	6.32	77	28686	2.69	ng	92
10) Phenol	6.45	94	768142	35.04	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	539578	32.92	ng	90
12) 1,3-Dichlorobenzene	6.80	146	530840	29.22	ng	94
13) 1,4-Dichlorobenzene	6.80	146	530840	28.08	ng	98
14) 1,2-Dichlorobenzene	6.96	146	538959	31.35	ng	99
15) Benzyl Alcohol	6.93	79	455829	26.87	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	799444	33.25	ng	85
17) 2-Methylphenol	7.06	107	442855	32.46	ng	96
18) Hexachloroethane	7.30	117	208485	30.84	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	409494	28.84	ng	88
20) 3+4-Methylphenols	7.22	107	585588	33.01	ng	# 59
22) Acetophenone	7.20	105	749548	29.85	ng	# 99
24) Nitrobenzene	7.37	77	588453	28.57	ng	91
25) Isophorone	7.62	82	1158791	31.09	ng	95
26) 2-Nitrophenol	7.69	139	271501	31.58	ng	# 74
27) 2,4-Dimethylphenol	7.74	122	530904	34.37	ng	90
28) bis(2-Chloroethoxy)methane	7.82	93	646692	30.76	ng	# 97
29) 2,4-Dichlorophenol	7.94	162	475068	34.03	ng	92
30) 1,2,4-Trichlorobenzene	8.02	180	489117	31.15	ng	# 95
31) Naphthalene	8.10	128	1444065	29.86	ng	98
32) Benzoic acid	7.88	122	320112	30.27	ng	# 85
33) 4-Chloroaniline	8.14	127	234672	11.26	ng	# 88
34) Hexachlorobutadiene	8.21	225	282207	28.72	ng	99
35) Caprolactam	8.52	113	114910	26.10	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	529097	32.22	ng	90
37) 2-Methylnaphthalene	8.78	142	938075	29.99	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	470148	32.09	ng	98
40) Hexachlorocyclopentadiene	8.94	237	515401	65.49	ng	100

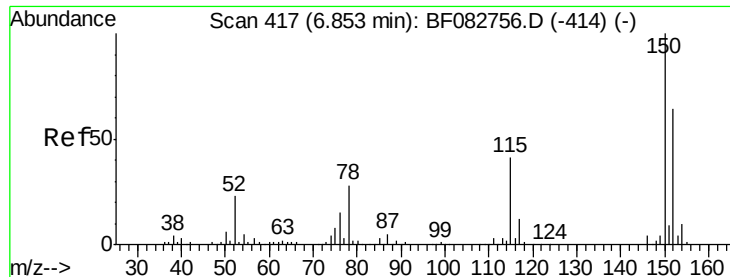
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	330952	30.26	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	323326	29.90	nq	98
45) 1,1'-Biphenyl	9.25	154	1244563	32.54	nq	97
46) 2-Chloronaphthalene	9.28	162	992812	33.27	nq	99
47) 2-Nitroaniline	9.37	65	320960	29.00	nq	88
48) Acenaphthylene	9.69	152	1435174	30.69	nq	99
49) Dimethylphthalate	9.56	163	1253220	34.31	nq	99
50) 2,6-Dinitrotoluene	9.62	165	283836	36.42	nq	# 74
51) Acenaphthene	9.86	154	1032349	34.83	nq	99
52) 3-Nitroaniline	9.78	138	123743	14.44	nq	# 83
53) 2,4-Dinitrophenol	9.89	184	295956	69.17	nq	# 13
54) Dibenzofuran	10.03	168	1242709	31.10	nq	94
55) 4-Nitrophenol	9.97	139	400905	60.97	nq	# 72
56) 2,4-Dinitrotoluene	10.02	165	353019	33.39	nq	96
57) Fluorene	10.37	166	987723	30.52	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	295889	33.52	nq	# 91
59) Diethylphthalate	10.26	149	1202287	33.71	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	541271	33.43	nq	95
61) 4-Nitroaniline	10.40	138	227064	26.34	nq	# 82
62) Azobenzene	10.52	77	1381595	36.07	nq	89
64) 4,6-Dinitro-2-methylphenol	10.43	198	202253	32.39	nq	88
65) n-Nitrosodiphenylamine	10.49	169	903369	28.53	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	314305	29.78	nq	# 74
67) Hexachlorobenzene	10.92	284	340935	28.93	nq	# 82
68) Atrazine	11.02	200	358101	36.58	nq	95
69) Pentachlorophenol	11.13	266	381761	53.35	nq	99
70) Phenanthrene	11.33	178	1630107	32.03	nq	99
71) Anthracene	11.38	178	1588360	29.63	nq	99
72) Carbazole	11.54	167	1346793	28.70	nq	99
73) Di-n-butylphthalate	11.88	149	1957944	33.49	nq	# 97
74) Fluoranthene	12.51	202	1655734	30.32	nq	97
76) Benzidine	12.64	184	532771	25.00	nq	99
77) Pyrene	12.74	202	1639338	37.53	nq	98
79) Butylbenzylphthalate	13.37	149	755260	39.14	nq	98
80) Benzo(a)anthracene	13.93	228	1424860	35.83	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	304660	21.55	nq	99
82) Chrysene	13.97	228	1414979	38.84	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	1071531	40.57	nq	# 99
84) Di-n-octyl phthalate	14.55	149	1694920	38.47	nq	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	1109489	35.37	nq	96
87) Benzo(b)fluoranthene	14.98	252	2391473	61.75	nq	# 98
88) Benzo(k)fluoranthene	14.98	252	2392393	69.64	nq	# 97
89) Benzo(a)pyrene	15.29	252	1104855	32.93	nq	# 97
90) Dibenzo(a,h)anthracene	16.72	278	933806	32.87	nq	99
91) Benzo(g,h,i)perylene	17.11	276	899253	33.04	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082962.D

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PB86680BSD

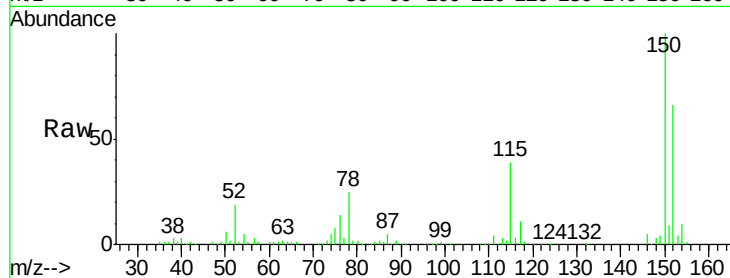
Tot Ion:152 Resp: 226091

Ion Ratio Lower Upper

152 100

150 151.4 127.0 190.4

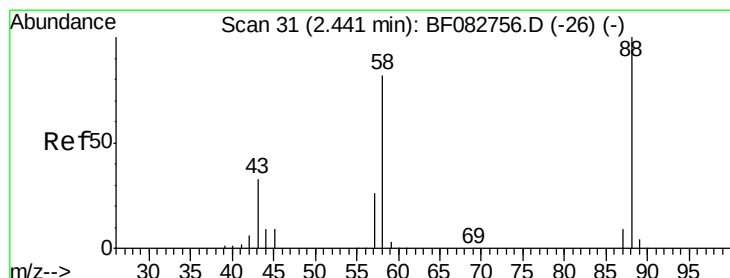
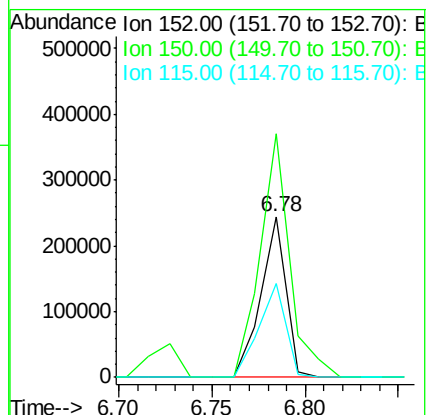
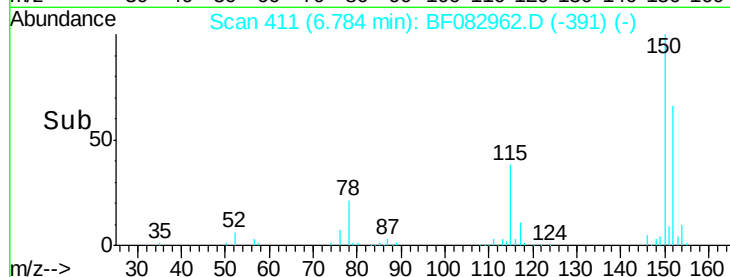
115 58.4 47.0 70.6



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: 29.42 ng

RT: 2.42 min Scan# 29

Delta R.T. -0.02 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

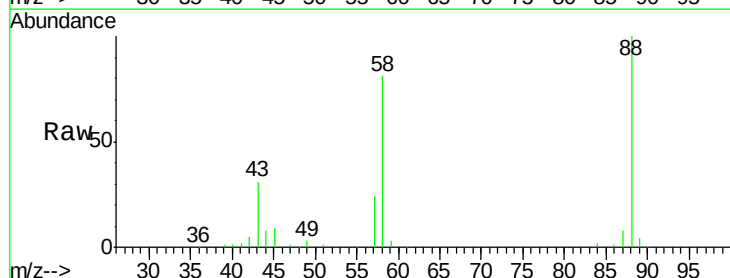
Tgt Ion: 88 Resp: 184431

Ion Ratio Lower Upper

88 100

58 80.5 62.0 93.0

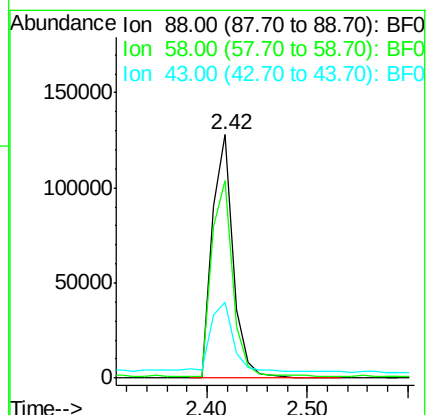
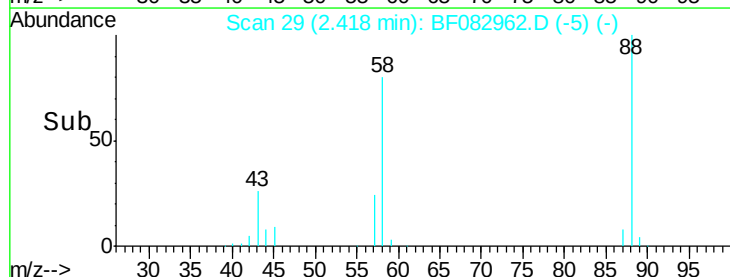
43 30.7 26.6 40.0

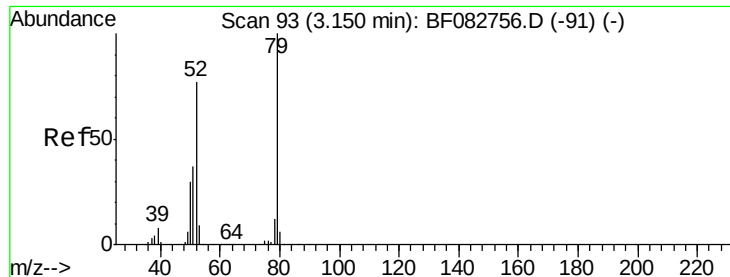


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.35 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.05 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

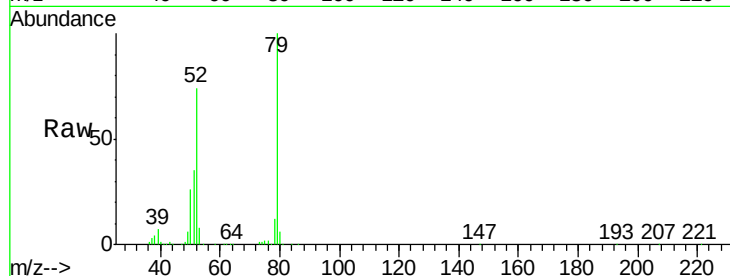
Tot Ion: 79 Resp: 497666

Ion Ratio Lower Upper

79 100

52 74.0 62.8 94.2

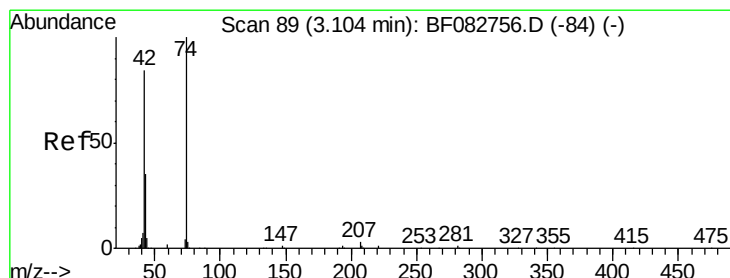
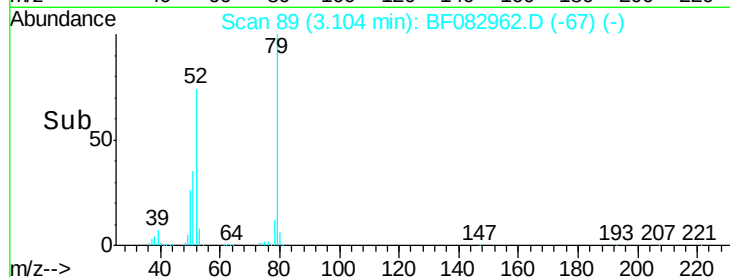
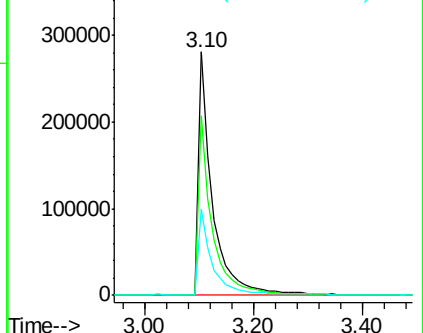
51 35.2 32.0 48.0



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: 28.80 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.05 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

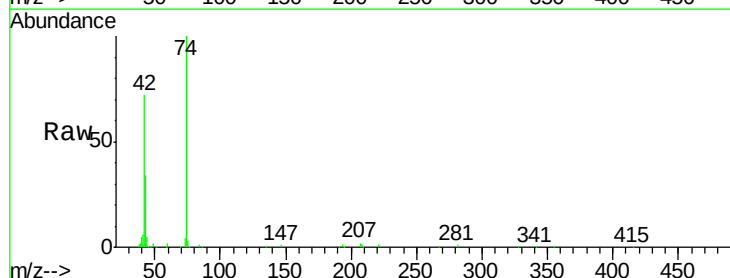
Tgt Ion: 42 Resp: 259874

Ion Ratio Lower Upper

42 100

74 138.6 87.0 130.4#

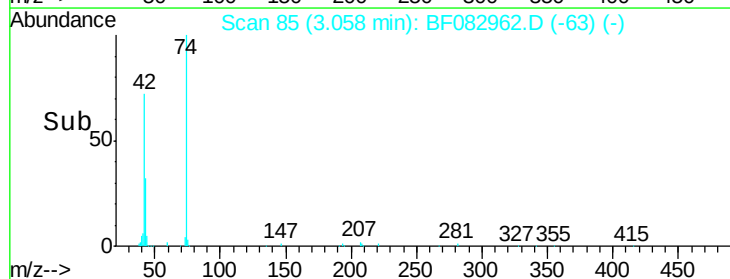
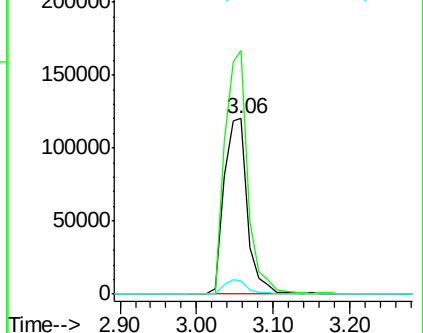
44 7.5 5.8 8.8

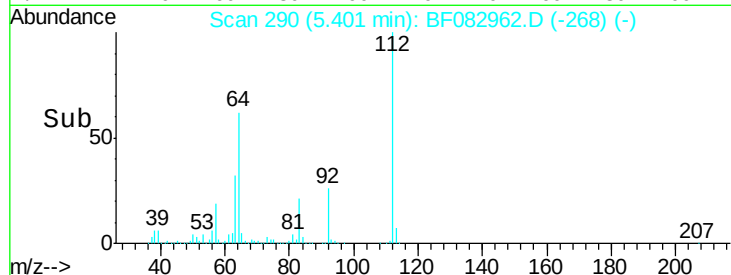
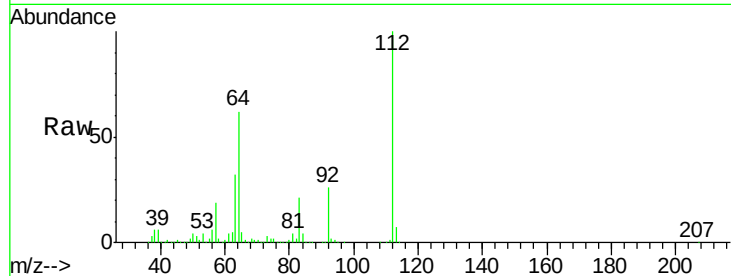
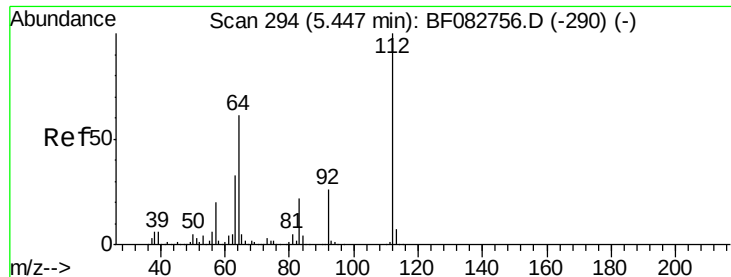


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.01 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

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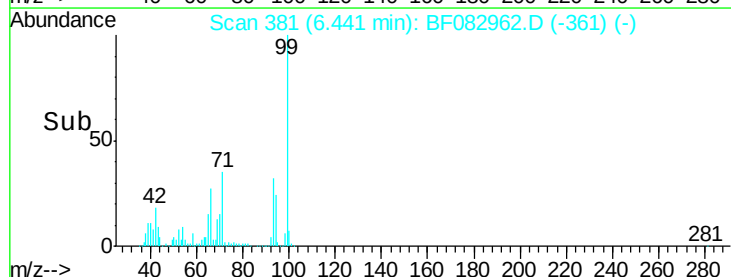
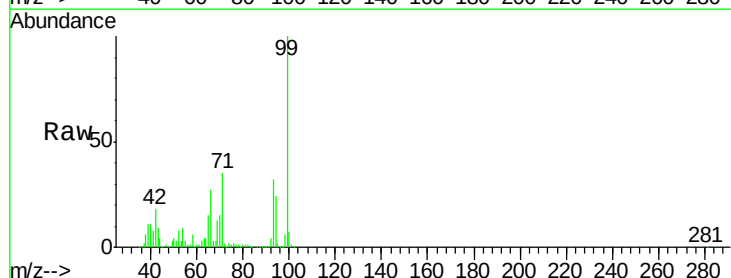
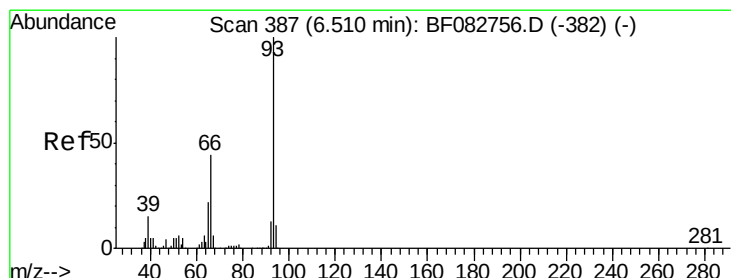
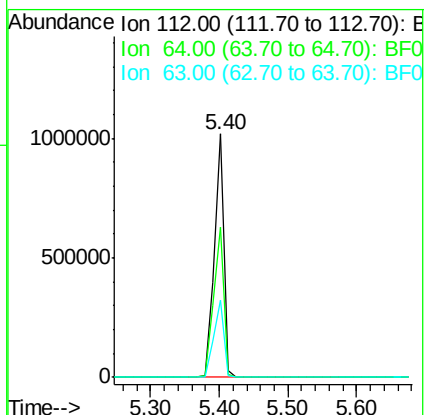
Tot Ion:112 Resp: 1002787

Ion Ratio Lower Upper

112 100

64 61.6 48.9 73.3

63 31.8 28.1 42.1



#6

Aniline

Concen: 15.13 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

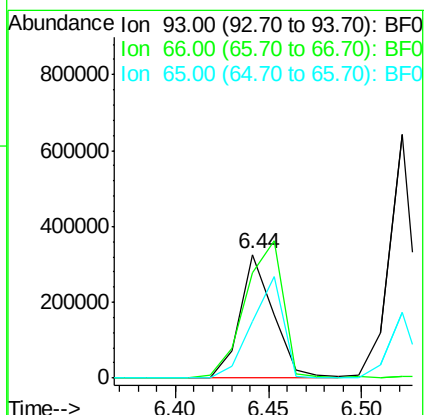
Tgt Ion: 93 Resp: 410281

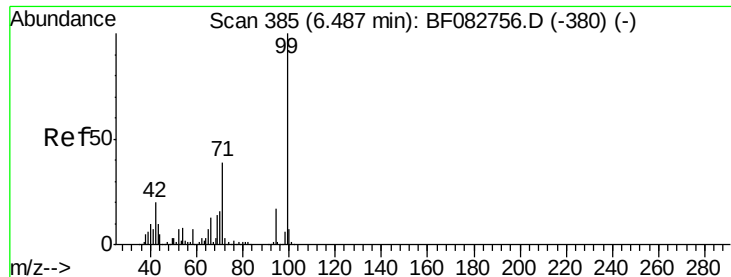
Ion Ratio Lower Upper

93 100

66 84.7 33.6 50.4#

65 46.1 18.1 27.1#





#7

Phenol-d6

Concen: 67.93 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

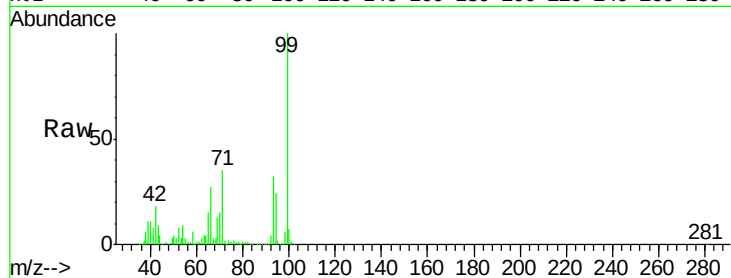
Tot Ion: 99 Resp: 1312181

Ion Ratio Lower Upper

99 100

42 17.9 19.2 28.8#

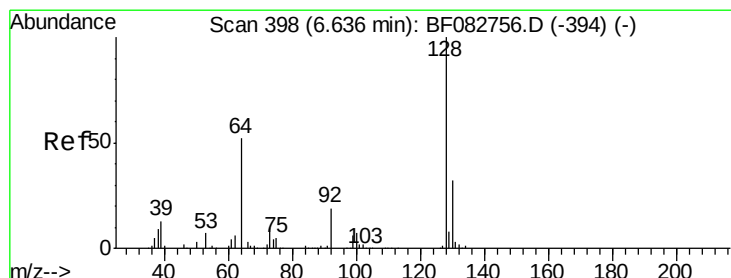
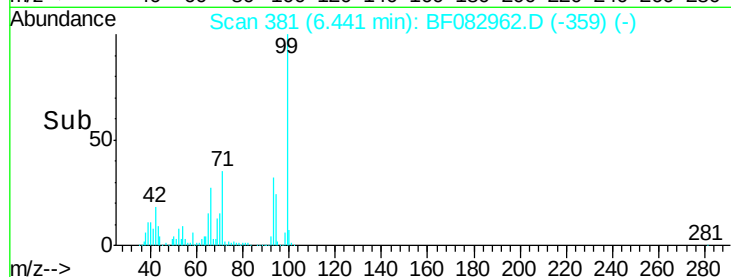
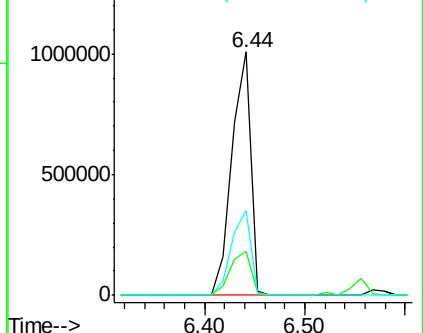
71 35.0 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.99 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

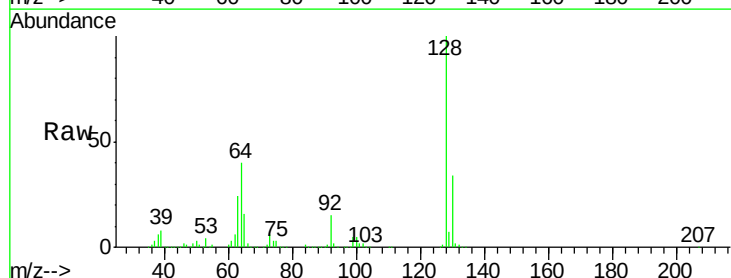
Tgt Ion:128 Resp: 515317

Ion Ratio Lower Upper

128 100

130 34.5 13.5 53.5

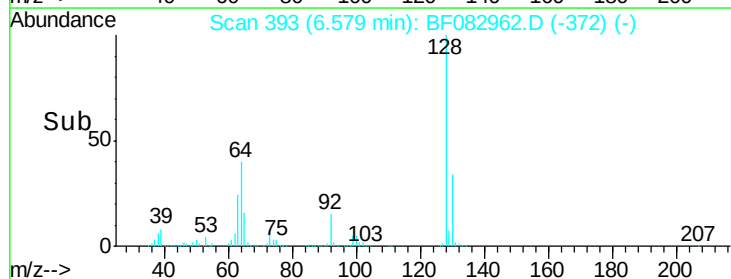
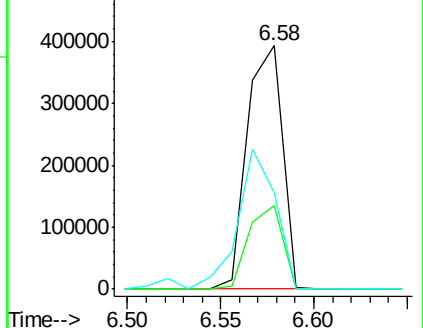
64 39.5 21.1 61.1

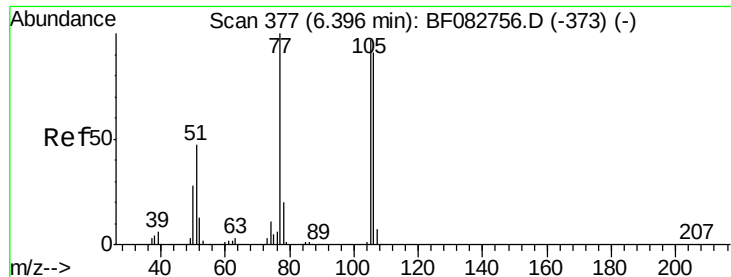


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.69 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.08 min

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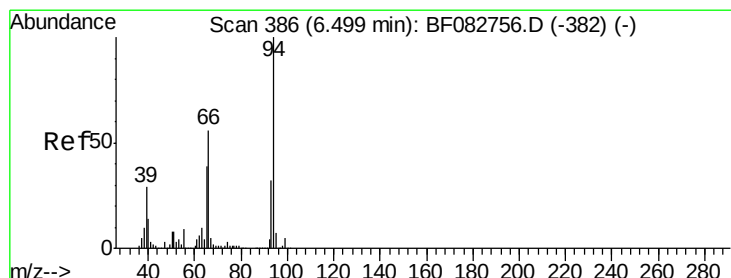
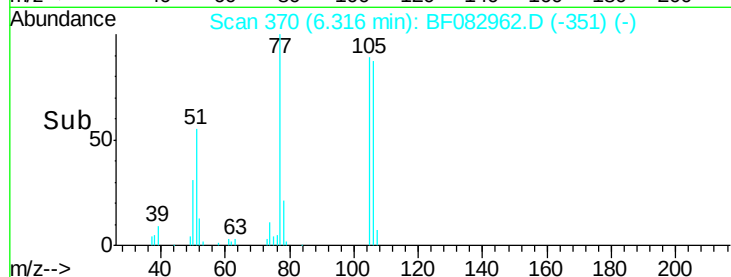
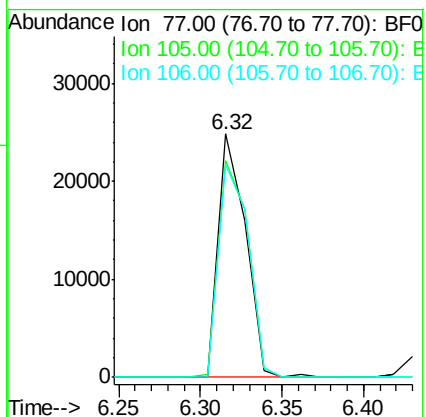
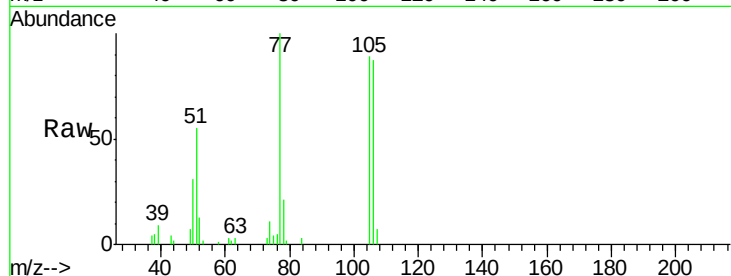
Tot Ion: 77 Resp: 28686

Ion Ratio Lower Upper

77 100

105 89.0 63.5 103.5

106 87.3 59.3 99.3



#10

Phenol

Concen: 35.04 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

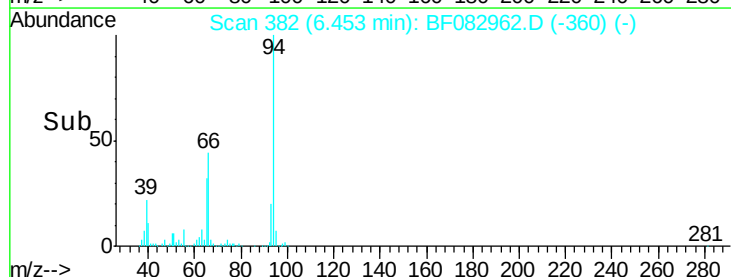
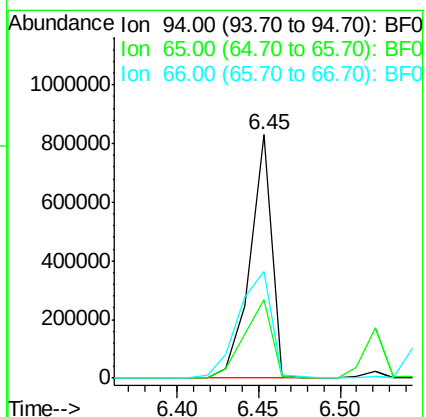
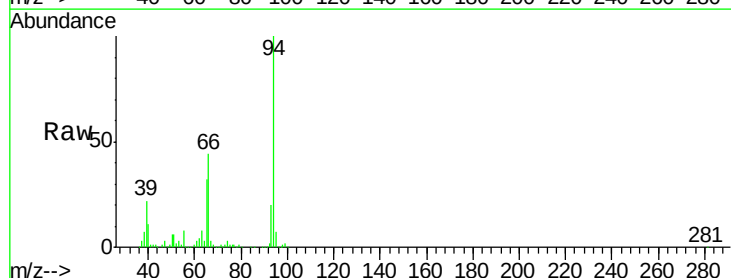
Tgt Ion: 94 Resp: 768142

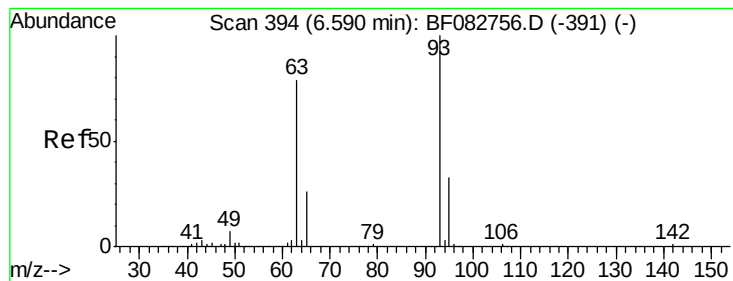
Ion Ratio Lower Upper

94 100

65 32.1 18.9 58.9

66 43.6 34.9 74.9

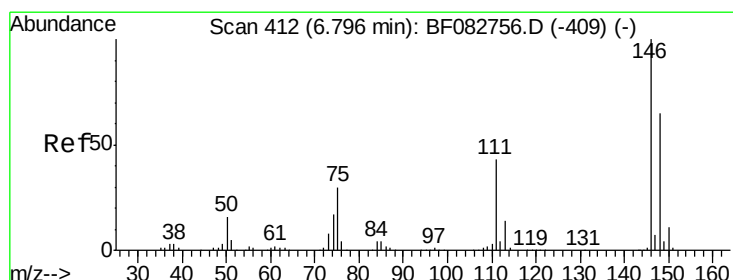
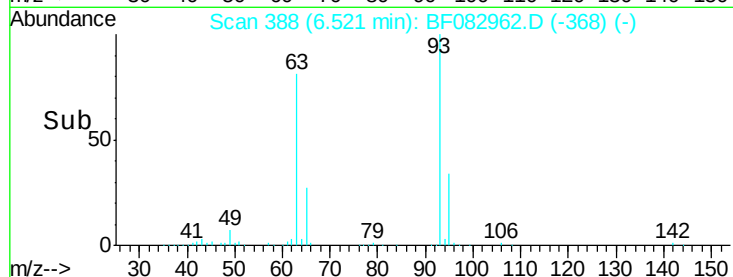
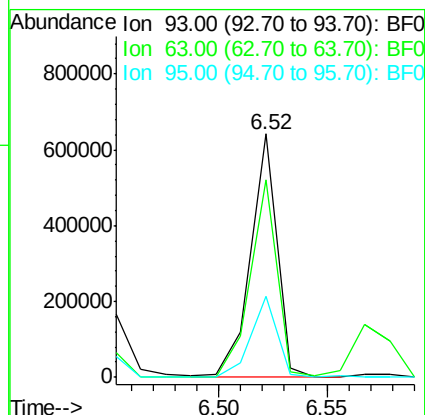
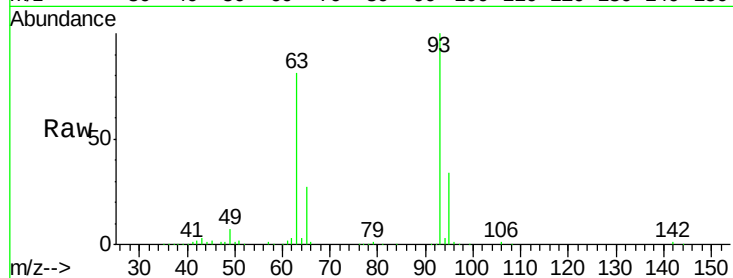




#11
bis(2-Chloroethyl)ether
Concen: 32.92 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

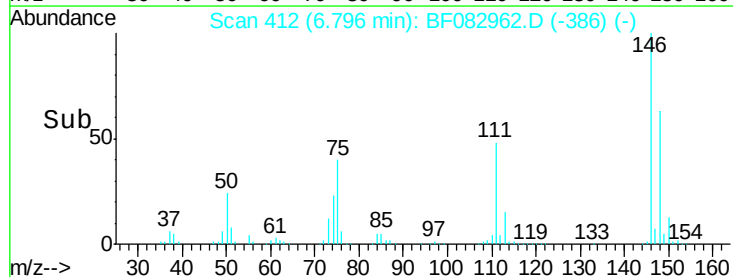
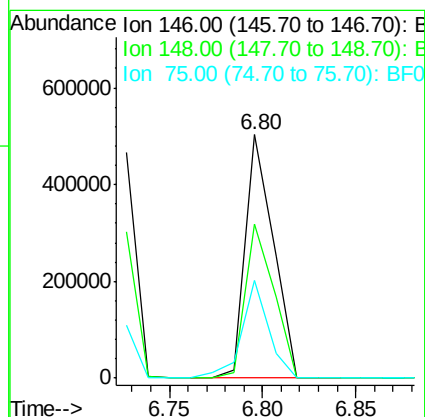
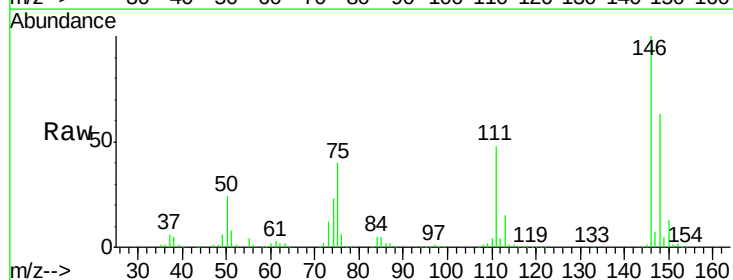
Instrument :
BNA_F
ClientSampleId :
PB86680BSD

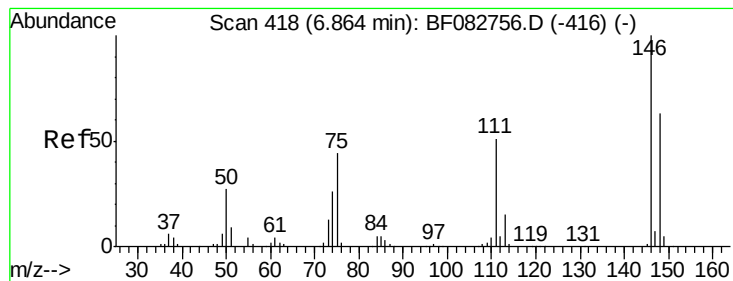
Tot Ion: 93 Resp: 539578
Ion Ratio Lower Upper
93 100
63 81.3 72.7 112.7
95 33.5 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 29.22 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion: 146 Resp: 530840
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 40.1 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 28.08 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

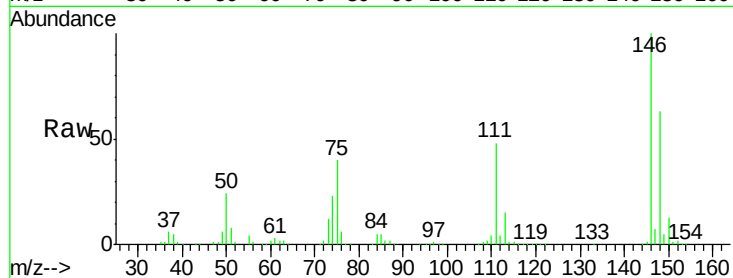
Tot Ion:146 Resp: 530840

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

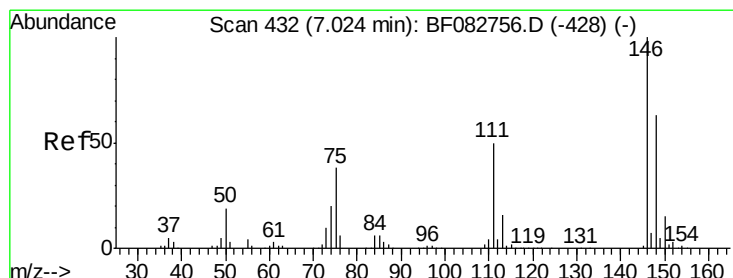
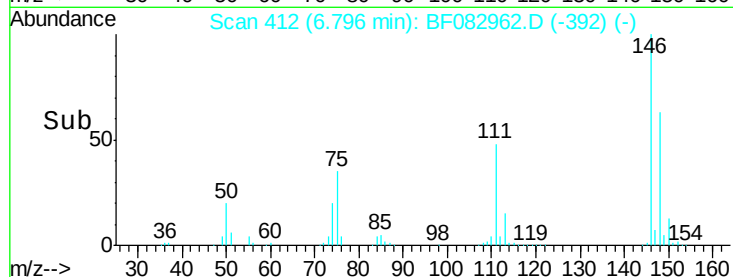
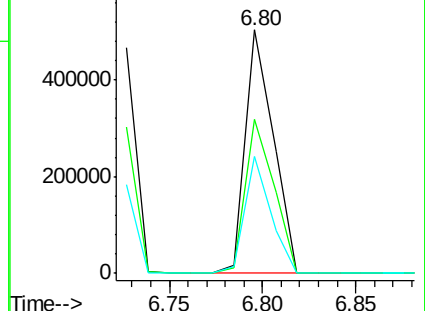
111 47.9 40.6 60.8



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: 31.35 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

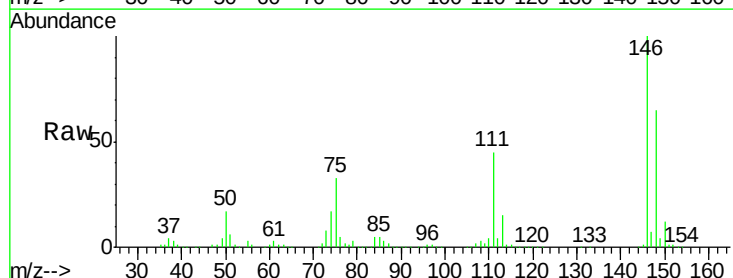
Tgt Ion:146 Resp: 538959

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

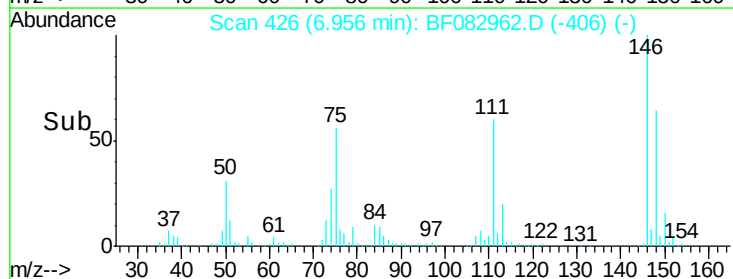
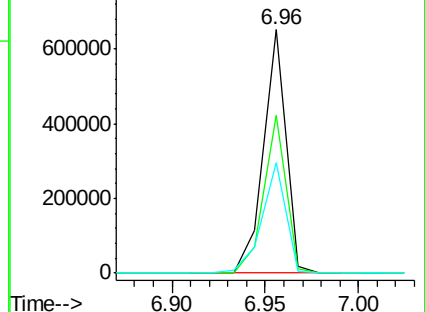
111 45.4 36.6 55.0

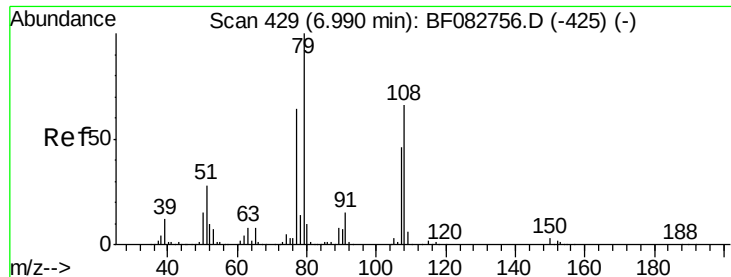


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.87 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

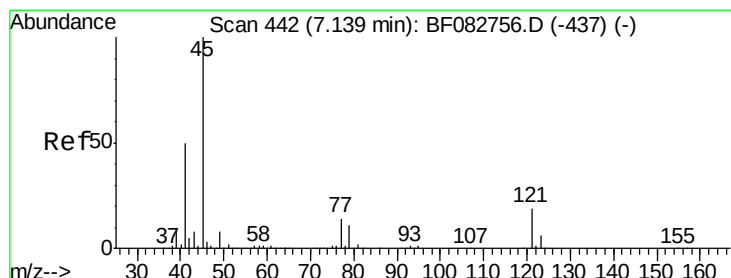
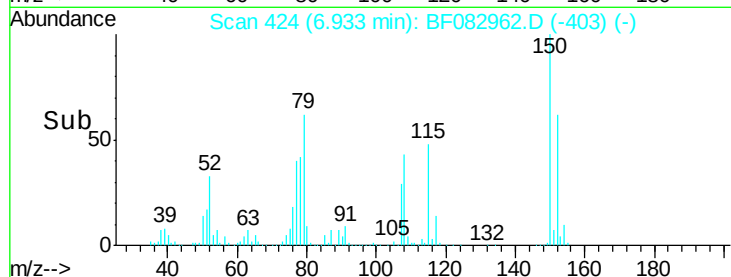
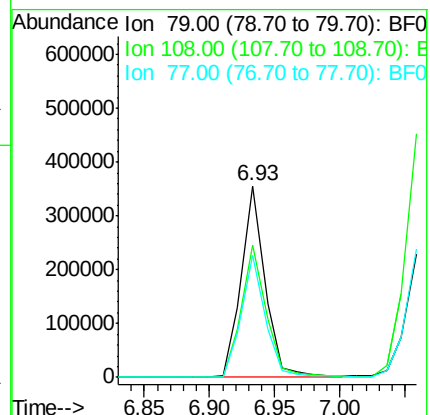
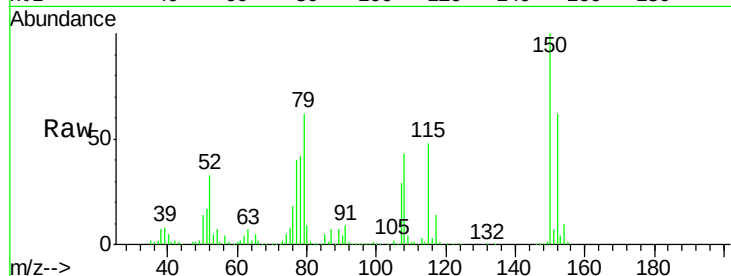
Tot Ion: 79 Resp: 455829

Ion Ratio Lower Upper

79 100

108 69.1 52.2 78.4

77 64.0 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.25 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

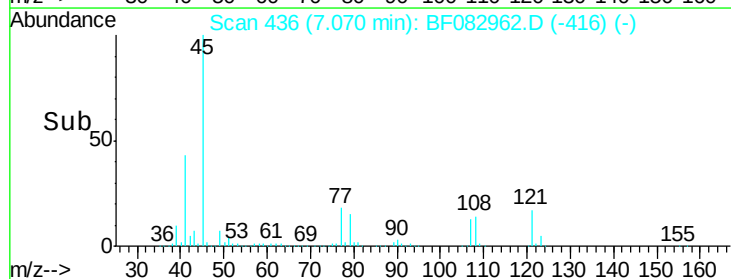
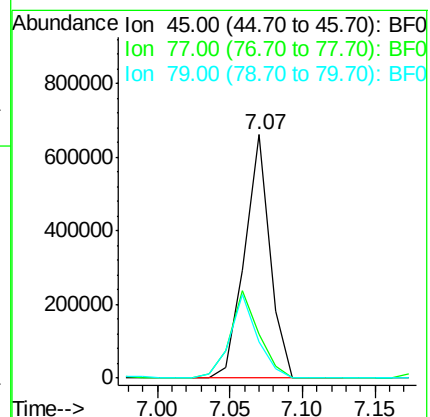
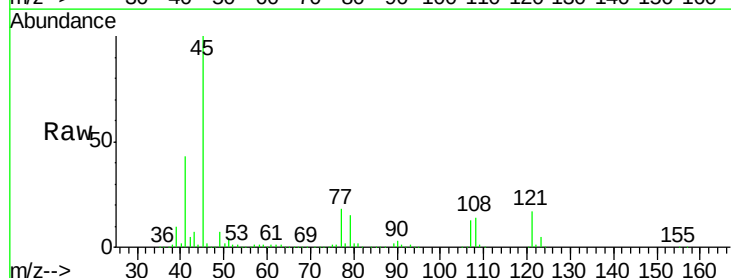
Tgt Ion: 45 Resp: 799444

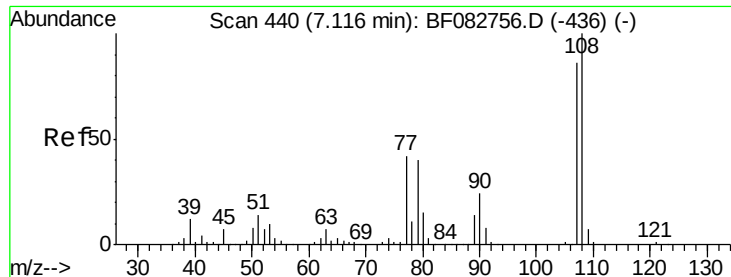
Ion Ratio Lower Upper

45 100

77 18.1 0.0 32.6

79 15.0 0.0 29.2





#17

2-Methylphenol

Concen: 32.46 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

Tot Ion:107 Resp: 442855

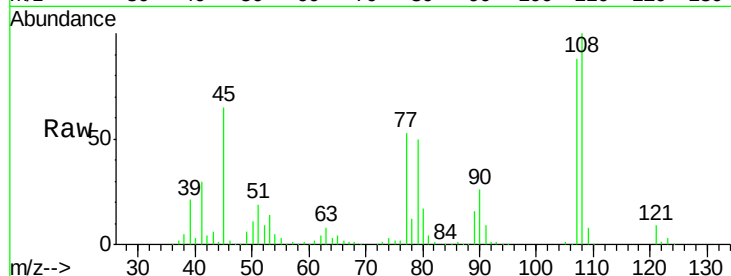
Ion Ratio Lower Upper

107 100

108 114.2 93.0 139.4

77 60.4 44.1 66.1

79 57.6 43.6 65.4

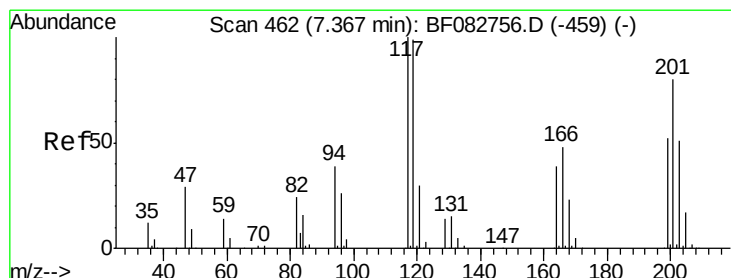
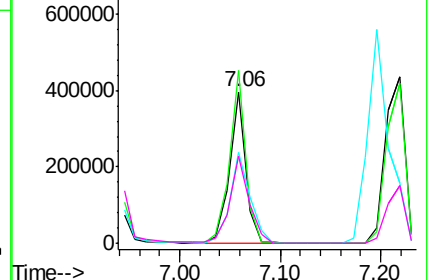
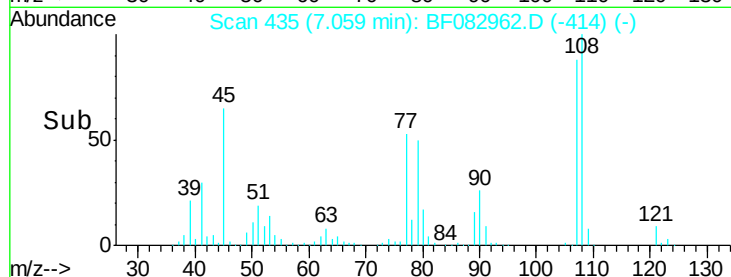


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.84 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

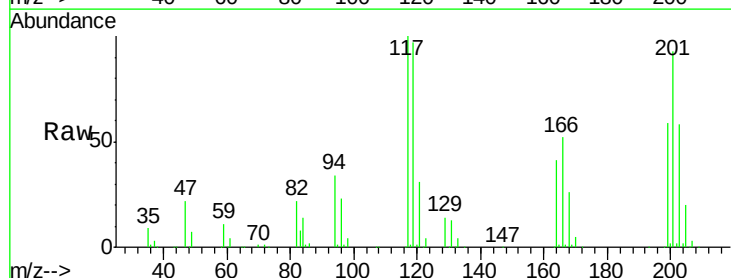
Tgt Ion:117 Resp: 208485

Ion Ratio Lower Upper

117 100

119 96.9 77.7 116.5

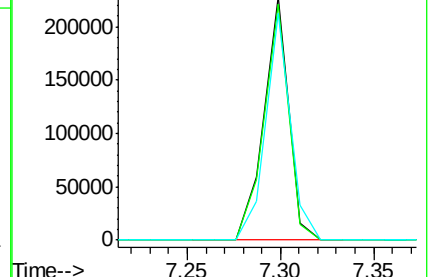
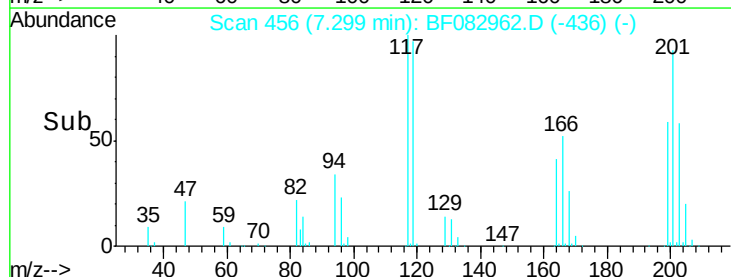
201 93.4 66.7 100.1

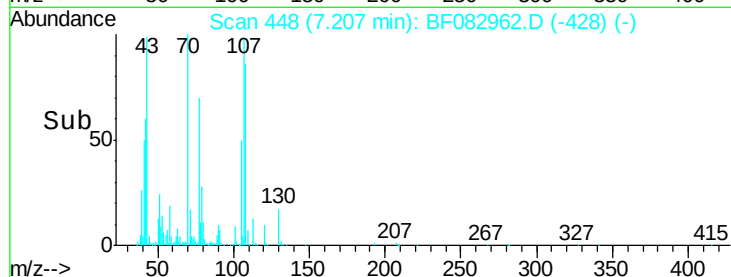
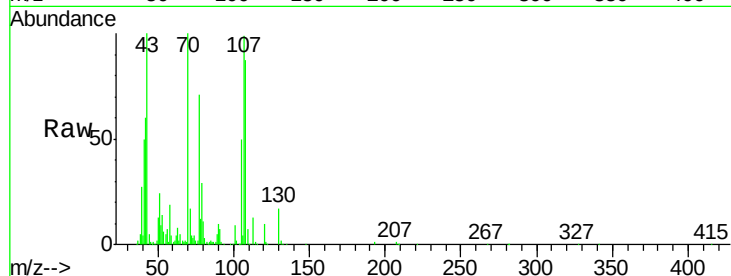
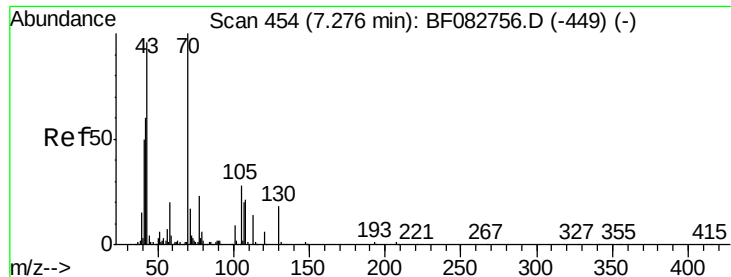


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

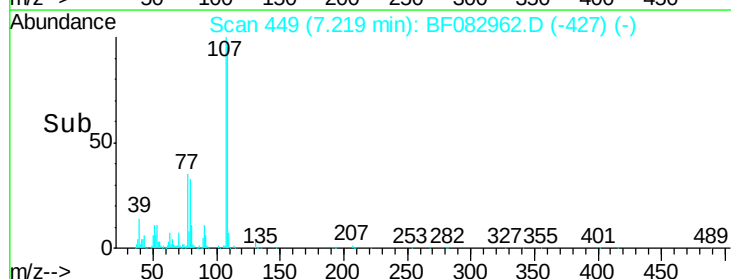
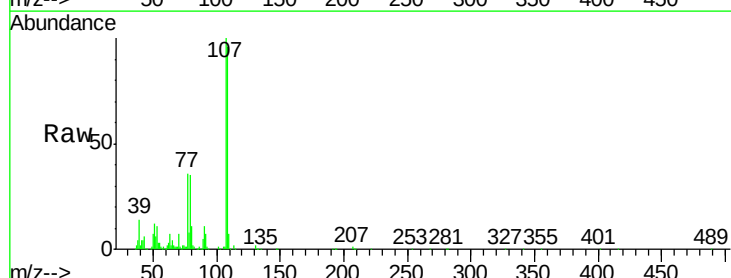
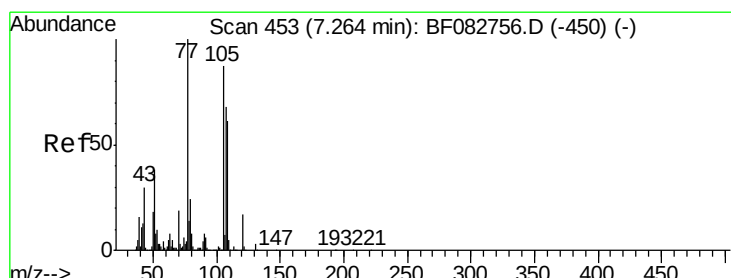
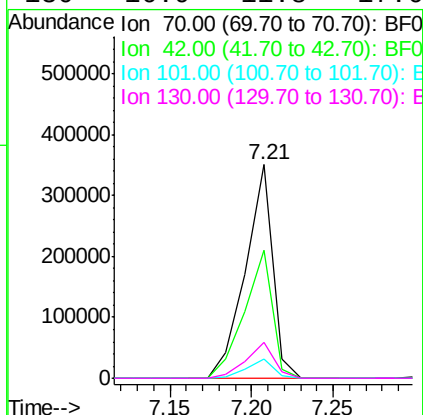




#19
n-Nitroso-di-n-propylamine
Concen: 28.84 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

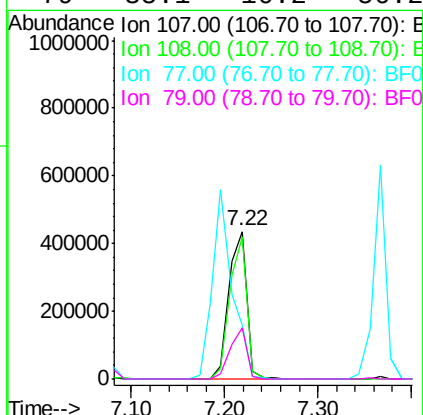
Instrument :
BNA_F
ClientSampleId :
PB86680BSD

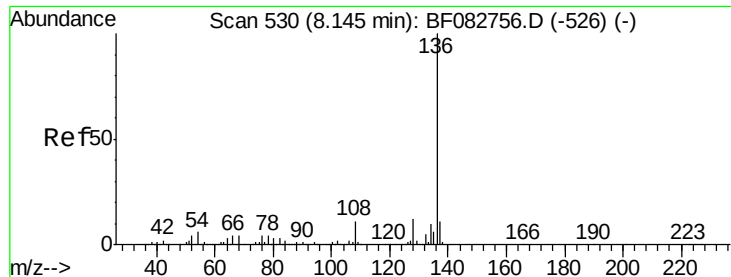
Tot Ion:	70	Resp:	409494
Ion	Ratio	Lower	Upper
70	100		
42	59.9	57.7	86.5
101	8.9	7.0	10.6
130	16.9	11.8	17.6



#20
3+4-Methylphenols
Concen: 33.01 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:	107	Resp:	585588
Ion	Ratio	Lower	Upper
107	100		
108	96.0	67.3	107.3
77	36.4	100.3	140.3#
79	35.1	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

Tot Ion:136 Resp: 876447

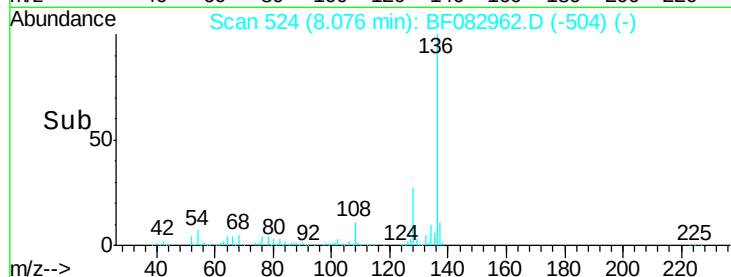
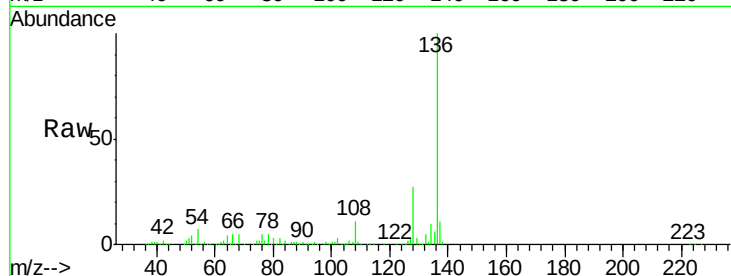
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.9 9.1 13.7#

68 5.1 4.8 7.2

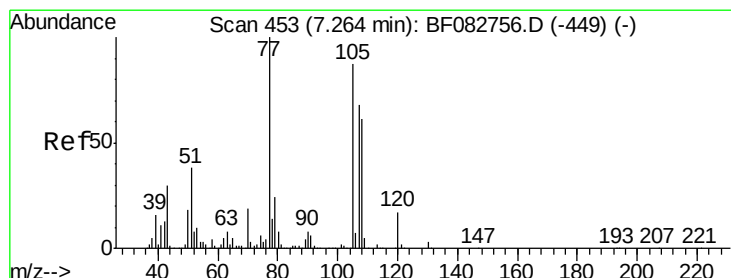
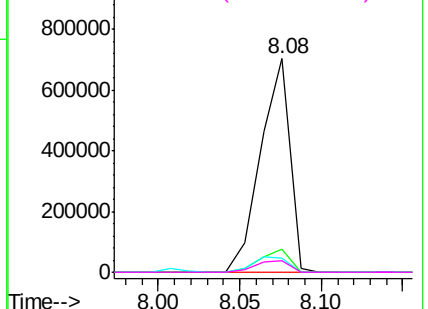


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.85 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Tgt Ion:105 Resp: 749548

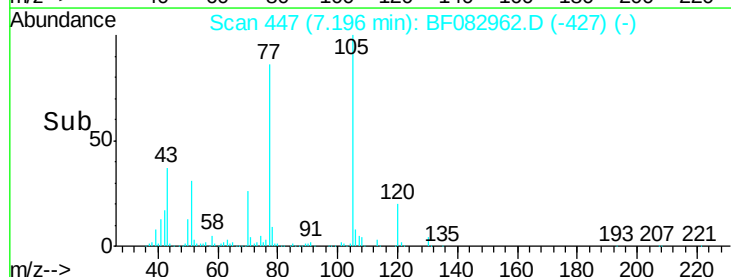
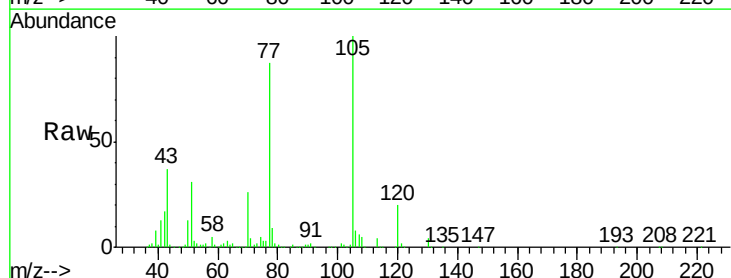
Ion Ratio Lower Upper

105 100

71 4.4 5.6 8.4#

51 31.0 24.9 37.3

120 20.2 15.8 23.8

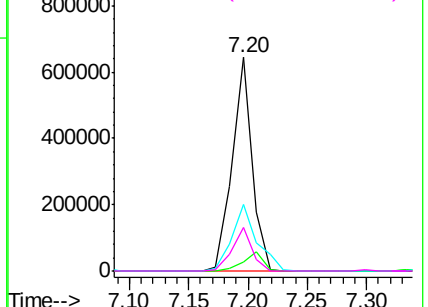


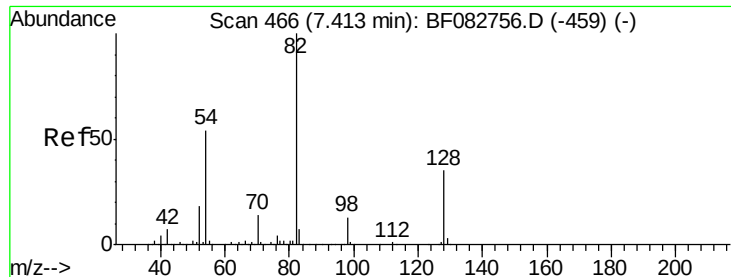
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

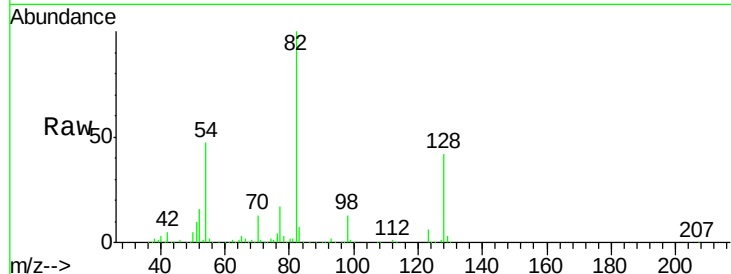




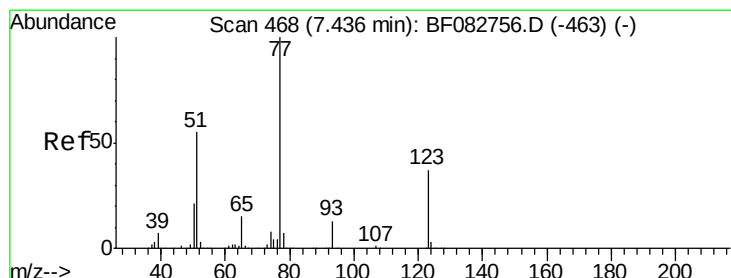
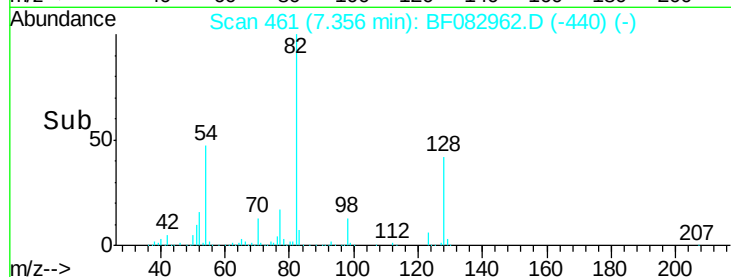
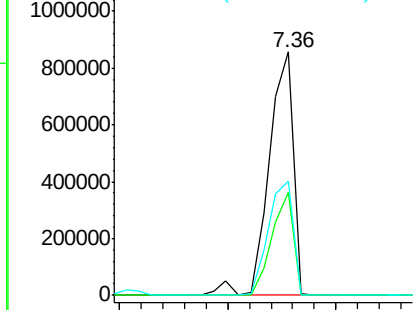
#23
Nitrobenzene-d5
Concen: 65.67 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.06 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Instrument :
BNA_F
ClientSampleId :
PB86680BSD

Tot Ion: 82 Resp: 1322737
Ion Ratio Lower Upper
82 100
128 42.2 26.8 40.2#
54 46.9 45.7 68.5

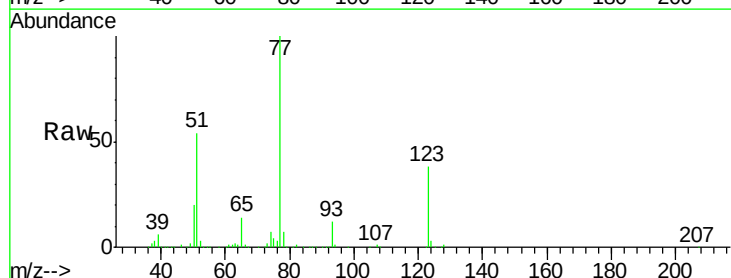


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

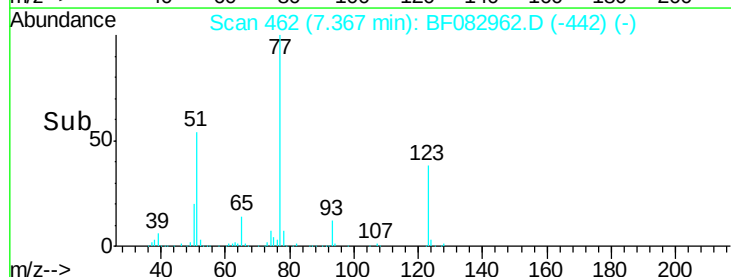
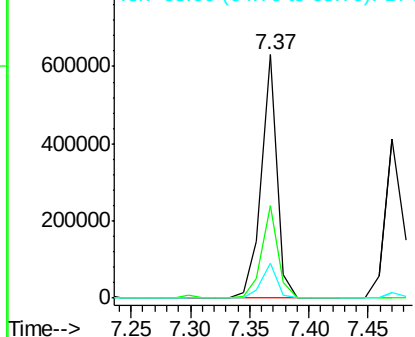


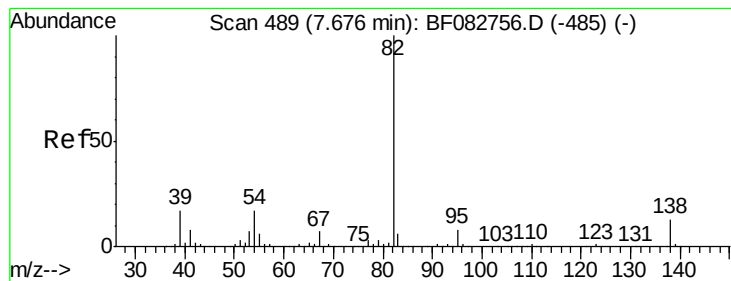
#24
Nitrobenzene
Concen: 28.57 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion: 77 Resp: 588453
Ion Ratio Lower Upper
77 100
123 37.9 36.4 54.6
65 14.2 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.09 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

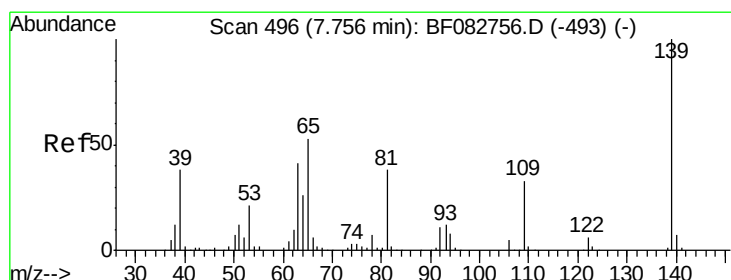
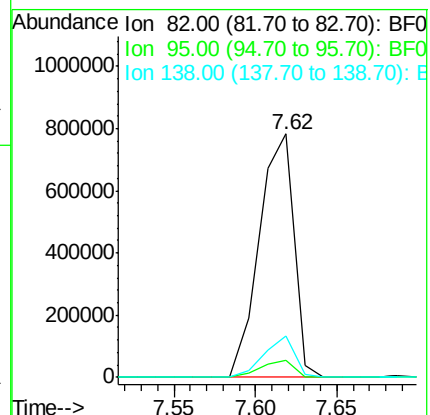
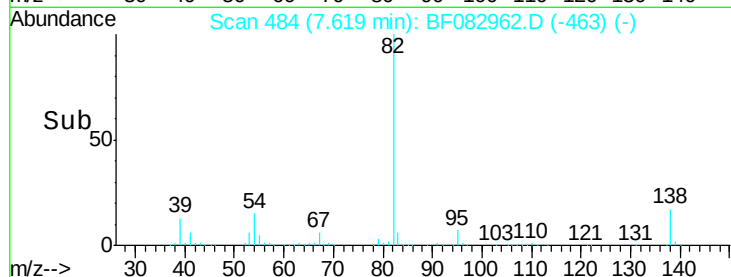
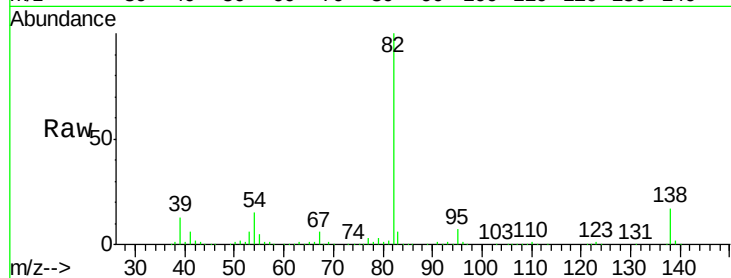
Tot Ion: 82 Resp: 1158791

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

138 16.8 11.4 17.0



#26

2-Nitrophenol

Concen: 31.58 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

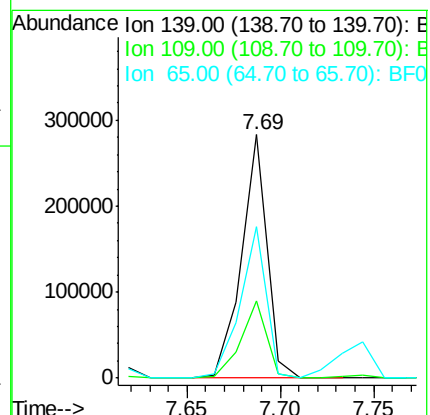
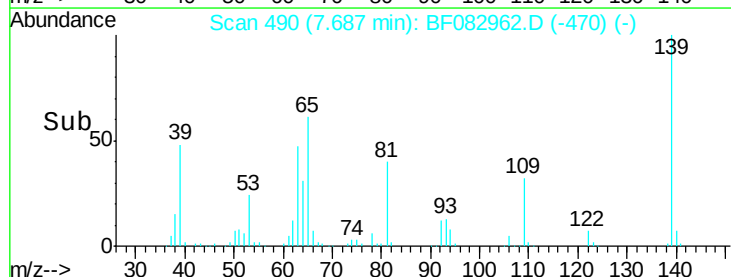
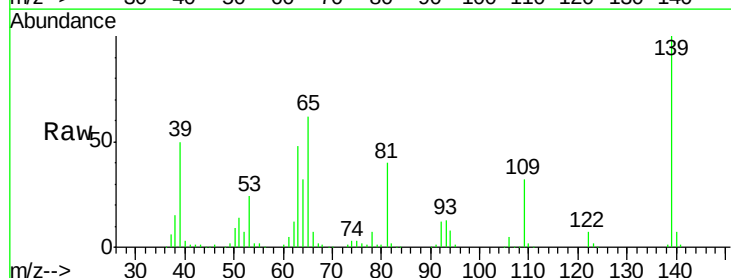
Tgt Ion: 139 Resp: 271501

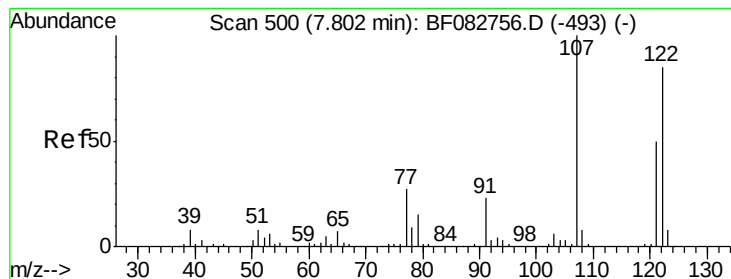
Ion Ratio Lower Upper

139 100

109 31.8 37.6 56.4#

65 62.2 70.6 105.8#

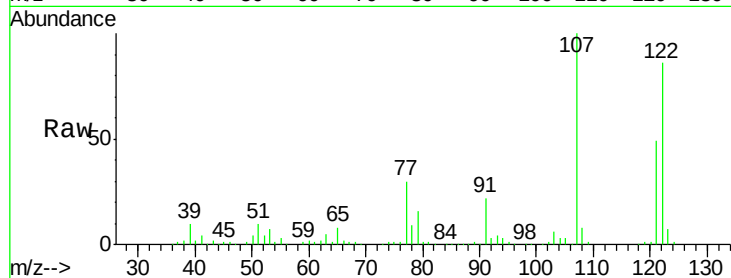




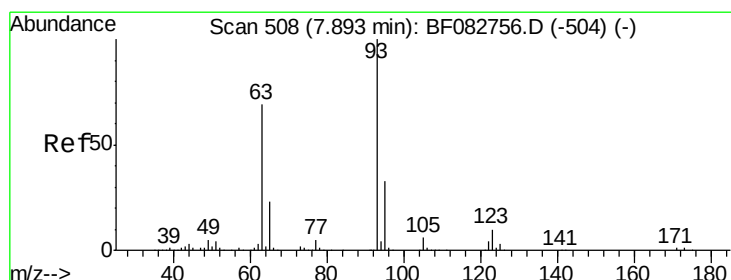
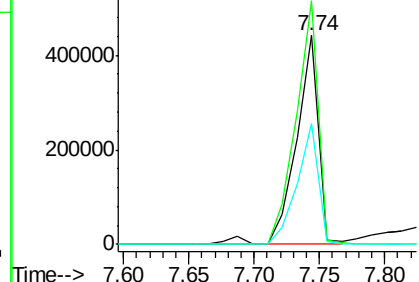
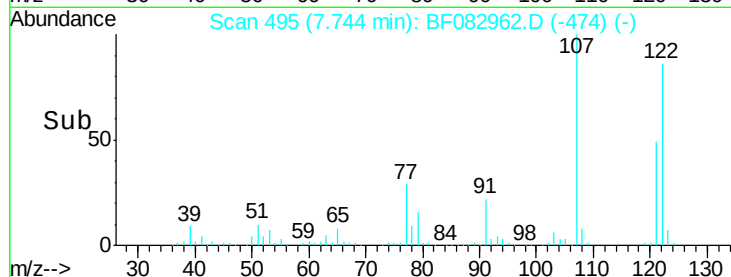
#27
 2,4-Dimethylphenol
 Concen: 34.37 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.06 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

Tot Ion:122 Resp: 530904
 Ion Ratio Lower Upper
 122 100
 107 116.7 106.0 159.0
 121 57.7 46.7 70.1

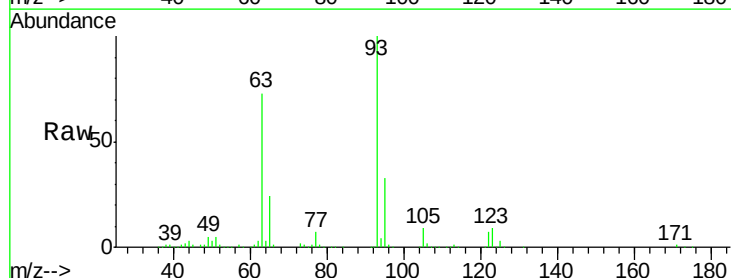


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

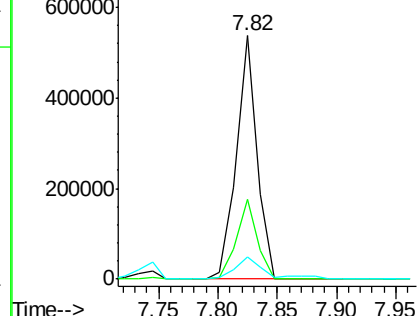
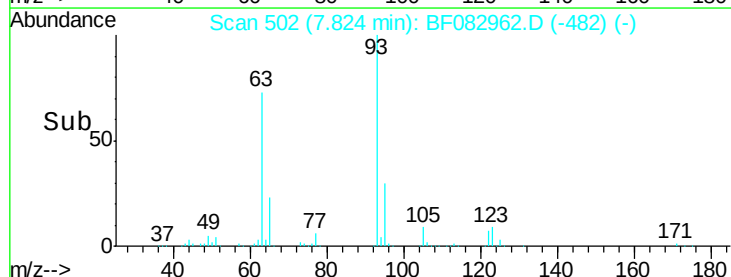


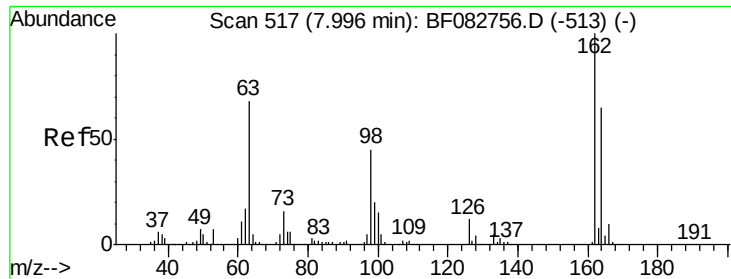
#28
 bis(2-Chloroethoxy)methane
 Concen: 30.76 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion: 93 Resp: 646692
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.6 40.0
 123 9.3 9.7 14.5#



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

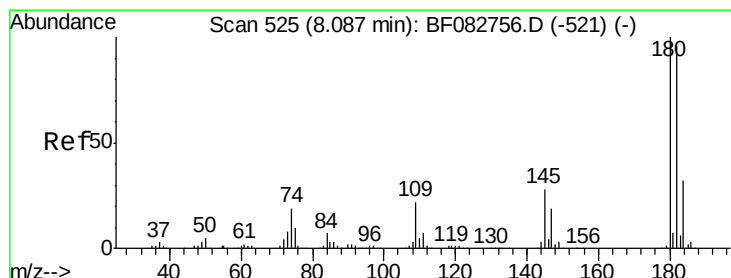
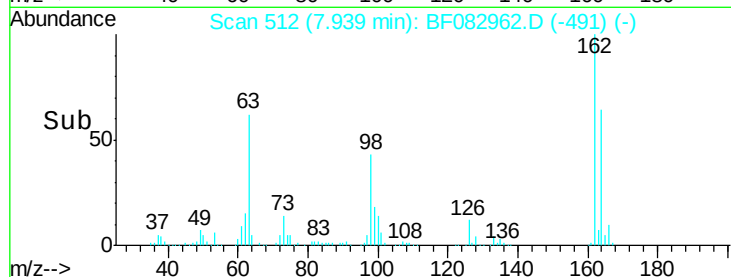
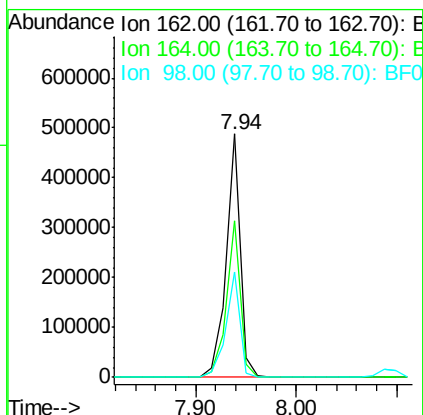
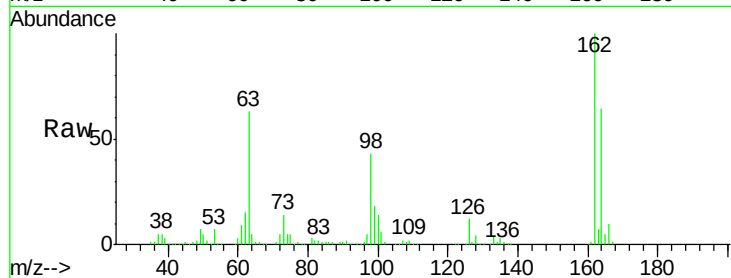




#29
2,4-Dichlorophenol
Concen: 34.03 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.06 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

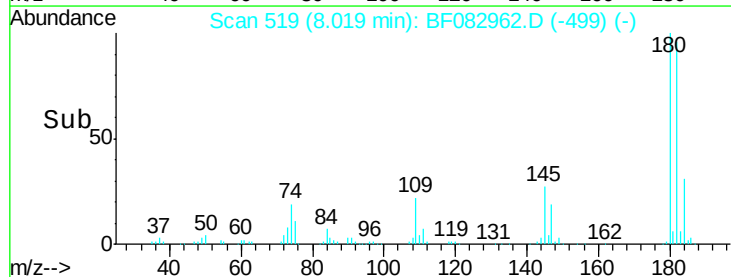
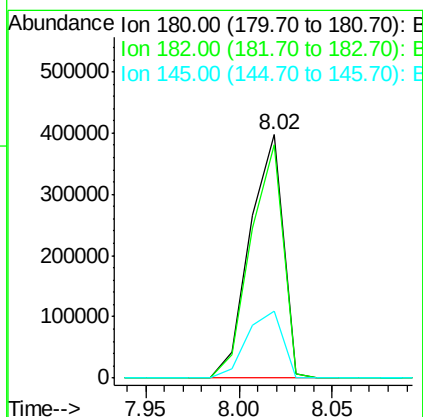
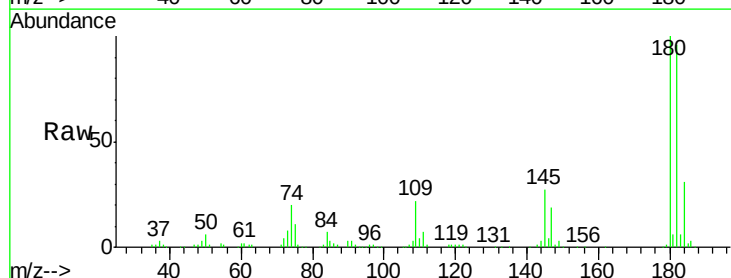
Instrument :
BNA_F
ClientSampleId :
PB86680BSD

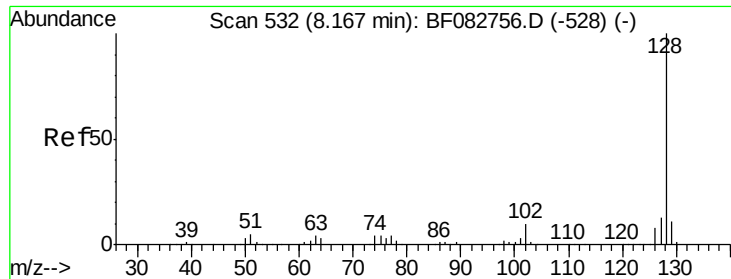
Tot Ion:162 Resp: 475068
Ion Ratio Lower Upper
162 100
164 64.4 46.8 86.8
98 43.0 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 31.15 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:180 Resp: 489117
Ion Ratio Lower Upper
180 100
182 95.7 74.9 112.3
145 27.4 27.8 41.8#

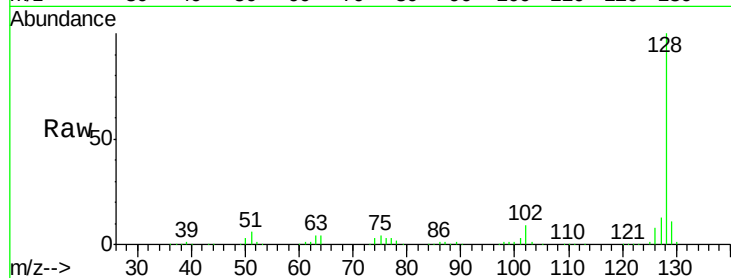




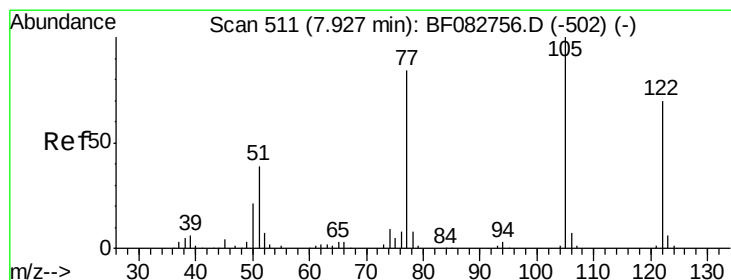
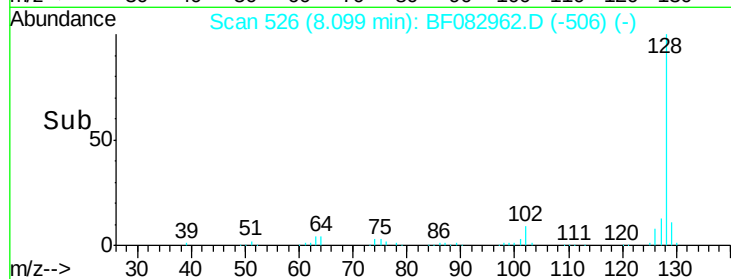
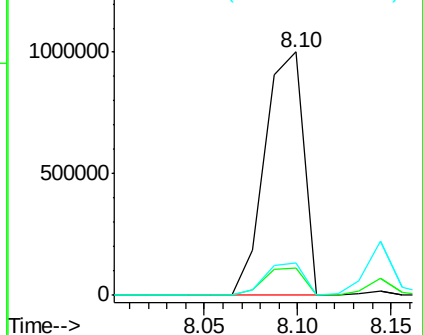
#31
Naphthalene
Concen: 29.86 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Instrument :
BNA_F
ClientSampleId :
PB86680BSD

Tot Ion:128 Resp: 1444065
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.2 11.4 17.0

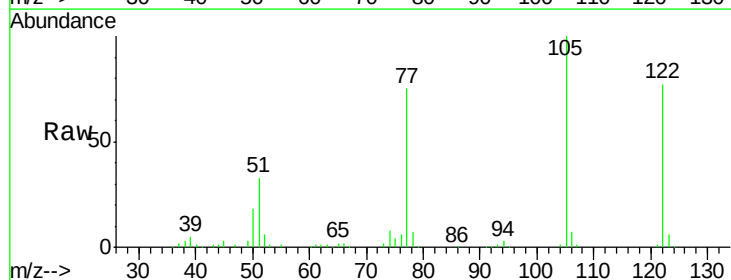


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

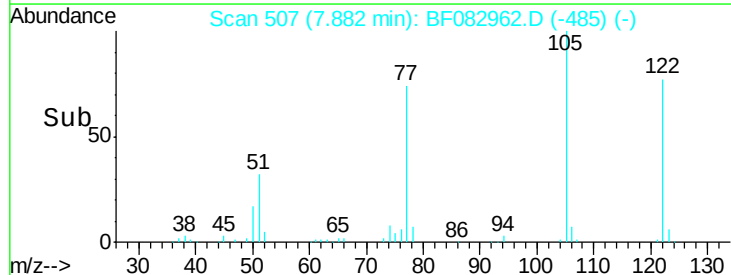
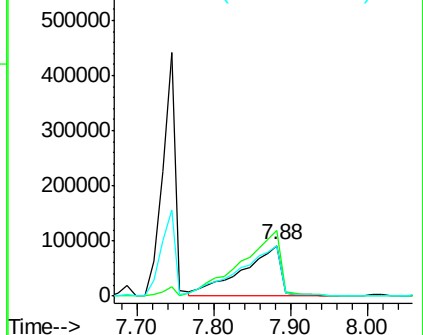


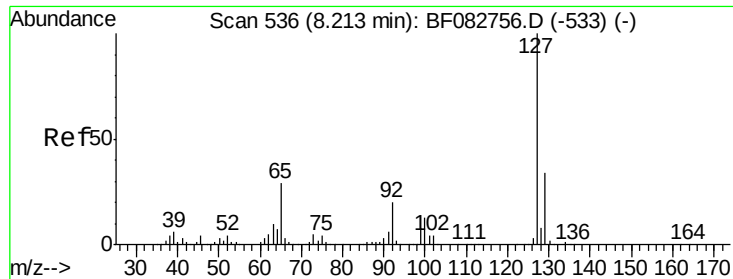
#32
Benzoic acid
Concen: 30.27 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.05 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:122 Resp: 320112
Ion Ratio Lower Upper
122 100
105 130.1 122.6 162.6
77 98.2 100.9 140.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

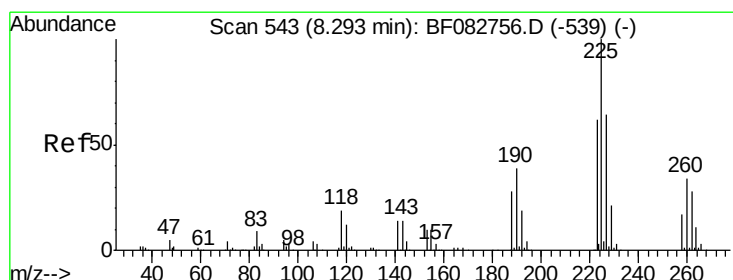
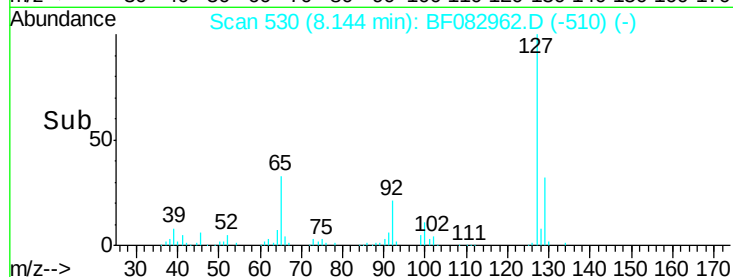
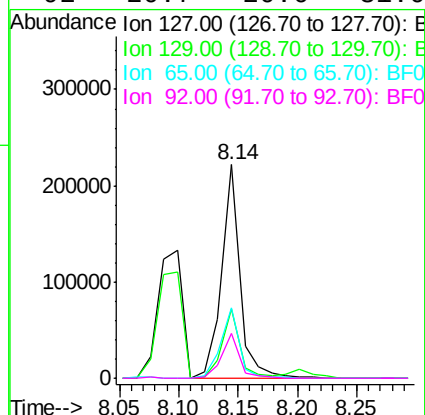
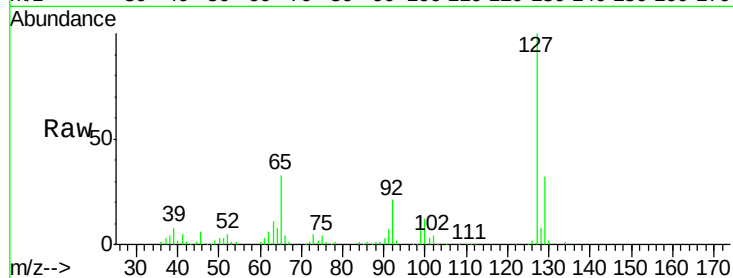




#33
4-Chloroaniline
Concen: 11.26 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

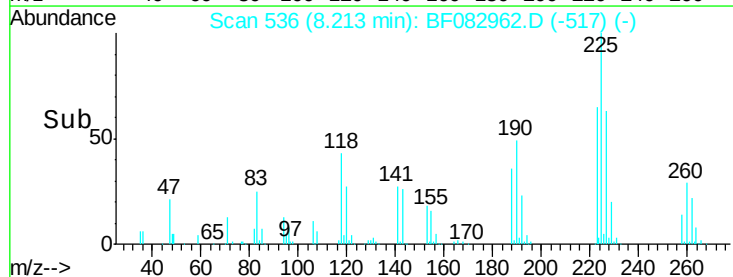
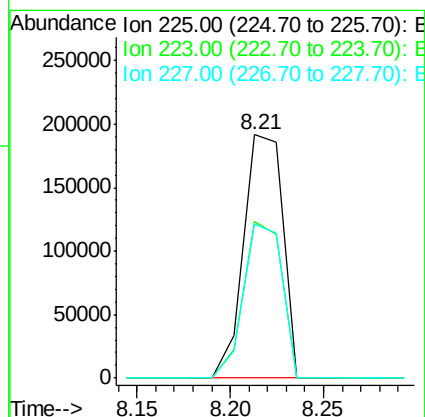
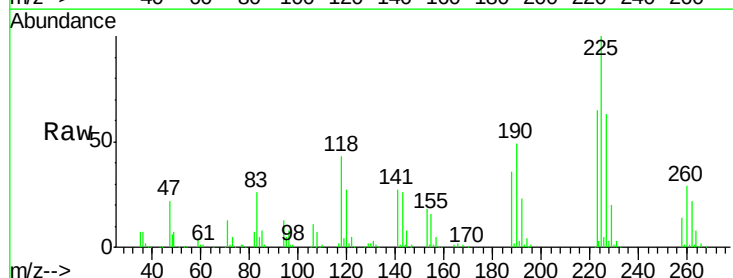
Instrument :
BNA_F
ClientSampleId :
PB86680BSD

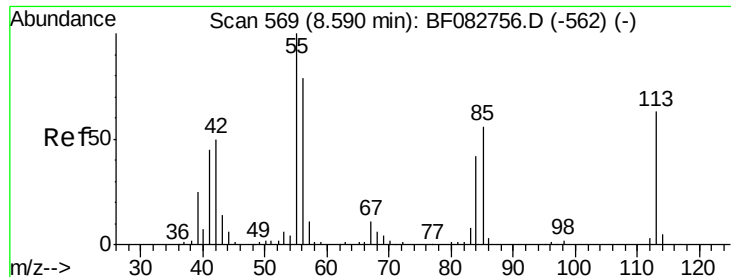
Tot Ion:	127	Resp:	234672
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	33.3	37.8	56.8#
92	20.7	20.6	31.0



#34
Hexachlorobutadiene
Concen: 28.72 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.08 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:	225	Resp:	282207
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	63.1	50.2	75.2

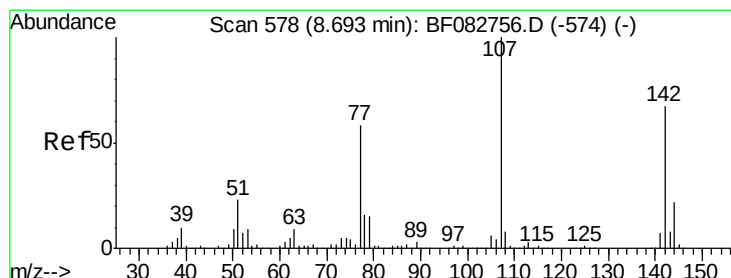
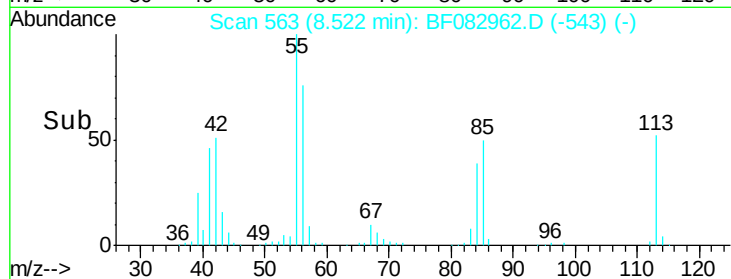
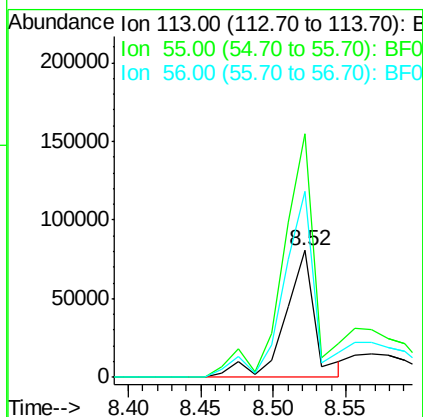
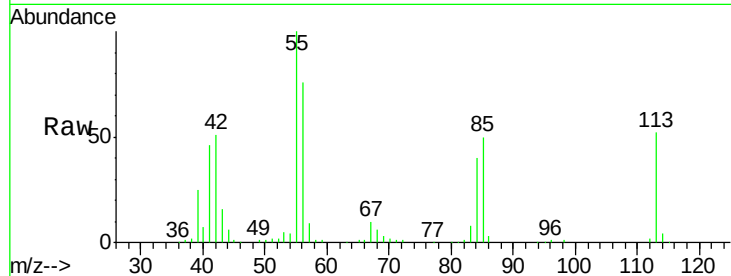




#35
 Caprolactam
 Concen: 26.10 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

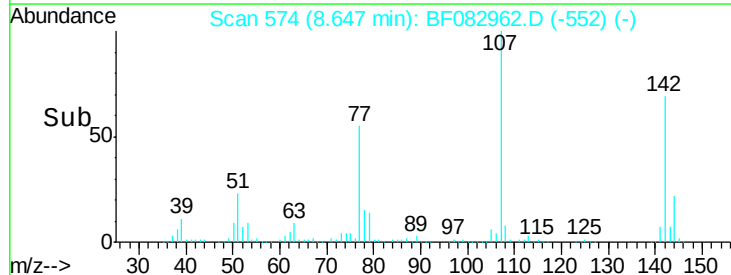
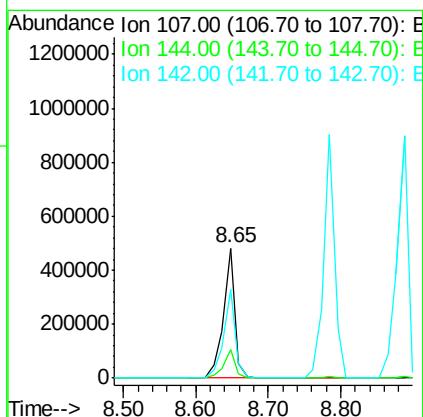
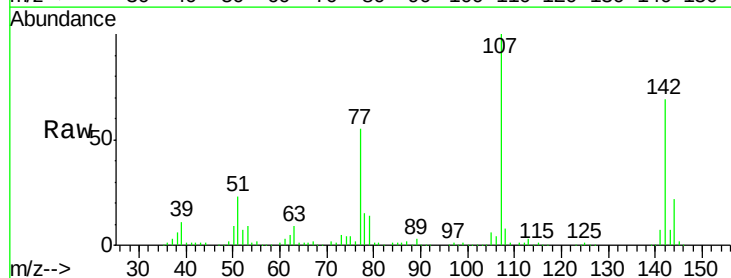
Instrument :
 BNA_F
 ClientSampleID :
 PB86680BSD

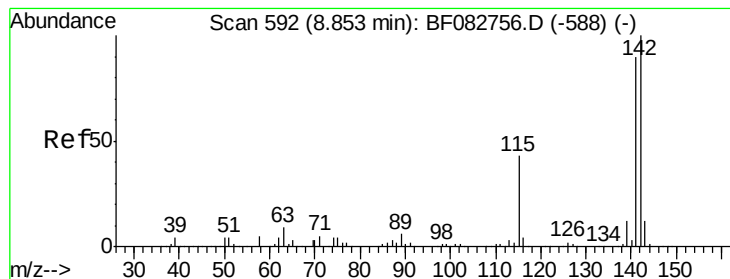
Tot Ion:113 Resp: 114910
 Ion Ratio Lower Upper
 113 100
 55 192.3 195.5 235.5#
 56 146.5 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 32.22 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion:107 Resp: 529097
 Ion Ratio Lower Upper
 107 100
 144 22.0 15.4 23.0
 142 68.7 47.8 71.8

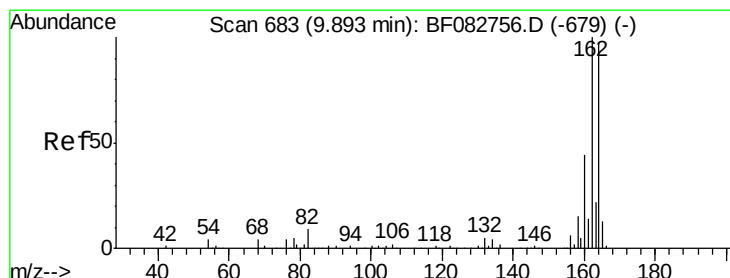
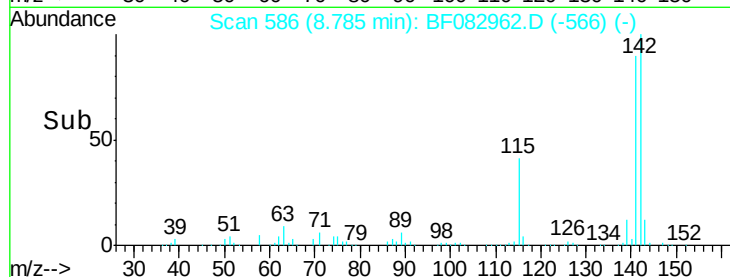
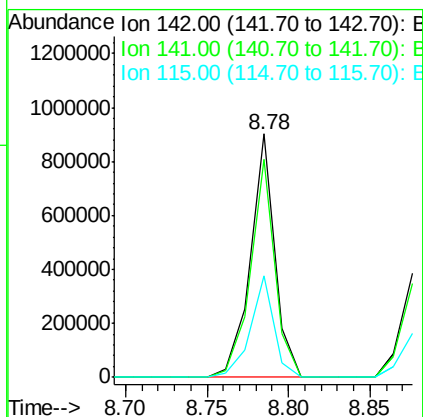
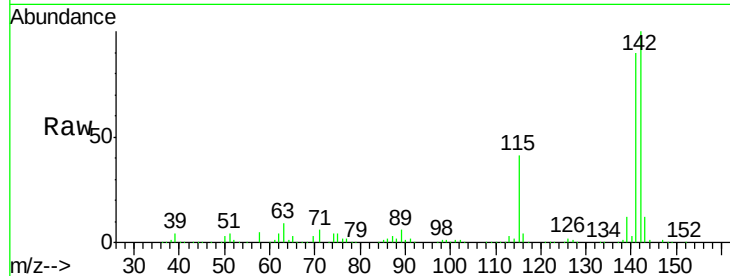




#37
 2-Methylnaphthalene
 Concen: 29.99 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

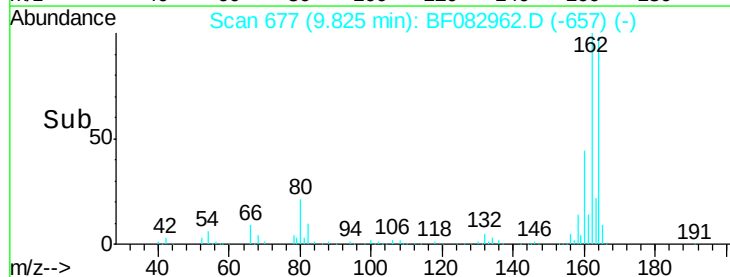
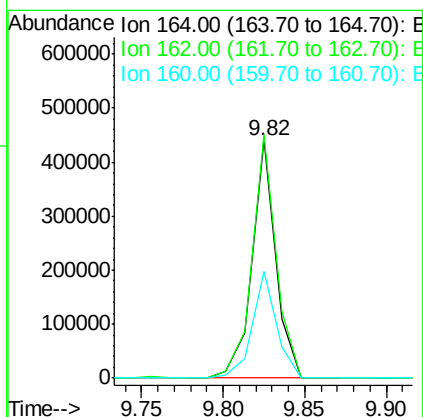
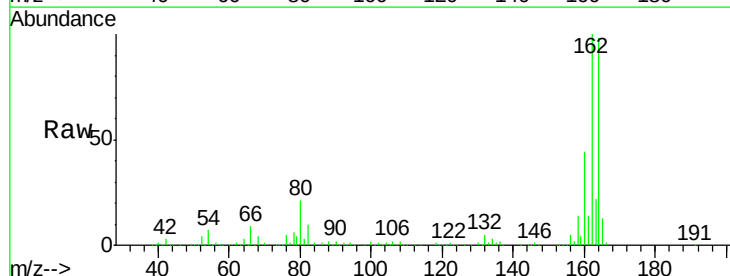
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

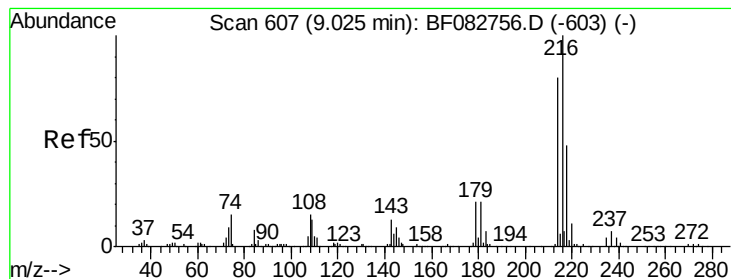
Tot Ion:142 Resp: 938075
 Ion Ratio Lower Upper
 142 100
 141 89.7 72.3 108.5
 115 41.4 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion:164 Resp: 445800
 Ion Ratio Lower Upper
 164 100
 162 102.3 84.9 127.3
 160 44.6 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.09 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

Tot Ion:216 Resp: 470148

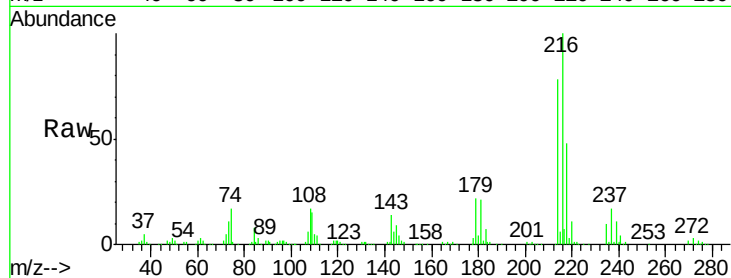
Ion Ratio Lower Upper

216 100

214 79.1 62.2 93.2

179 22.0 18.1 27.1

108 22.6 16.6 25.0

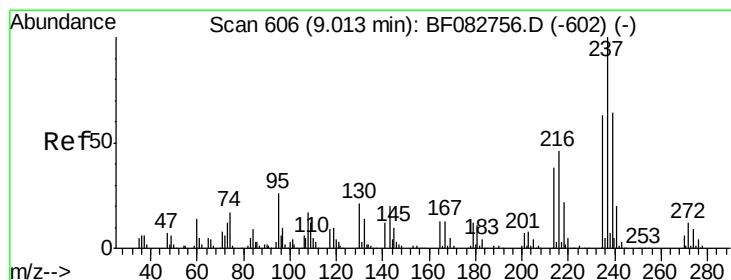
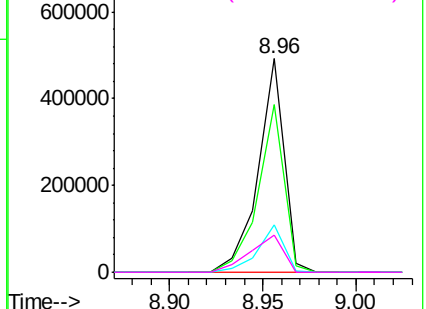
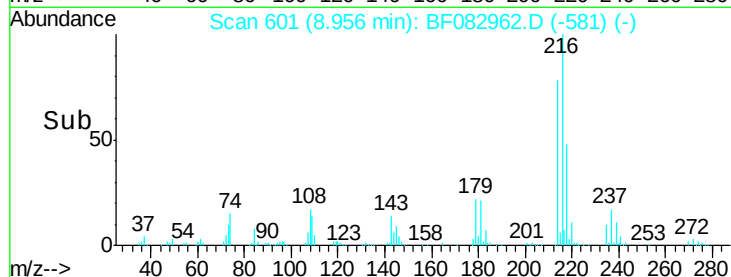


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.49 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

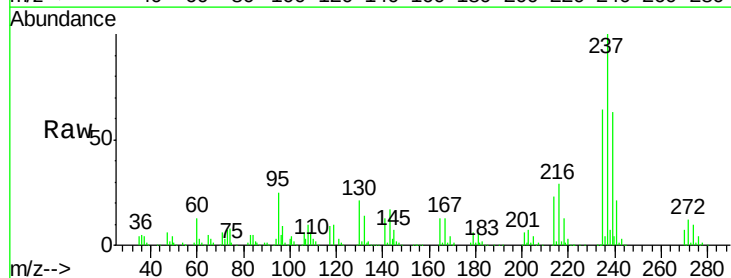
Tgt Ion:237 Resp: 515401

Ion Ratio Lower Upper

237 100

235 64.2 44.3 84.3

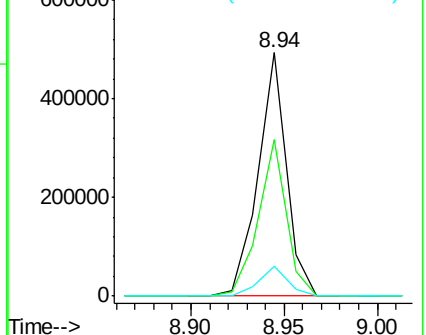
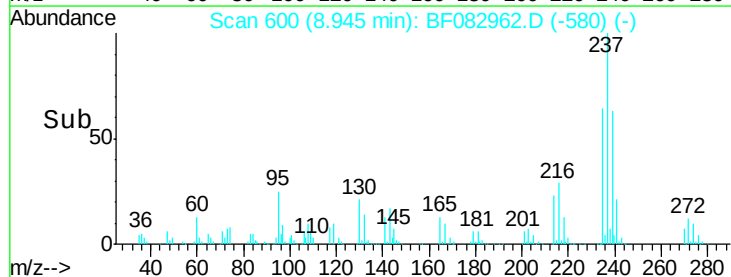
272 12.0 0.0 31.9

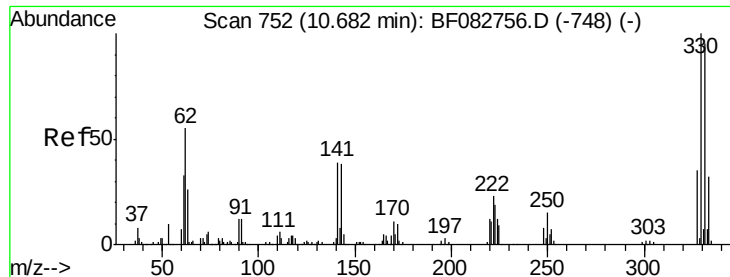


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

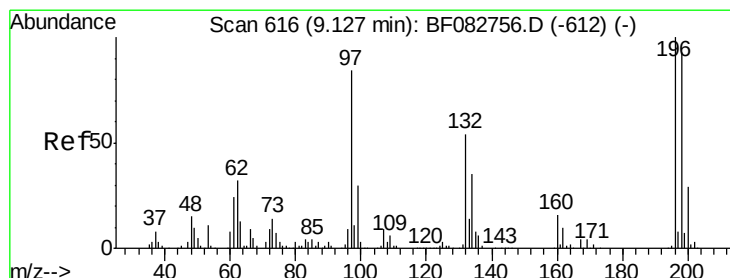
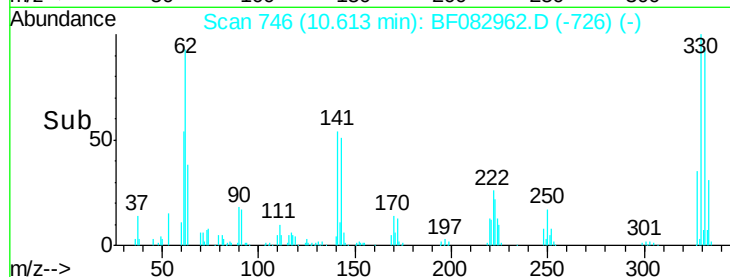
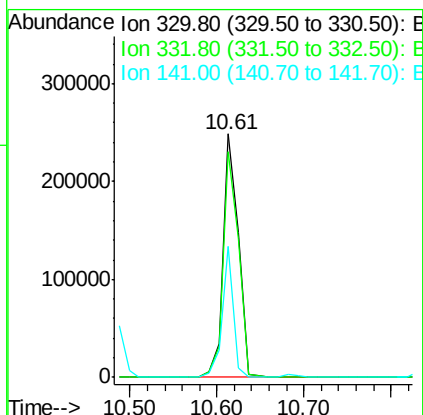
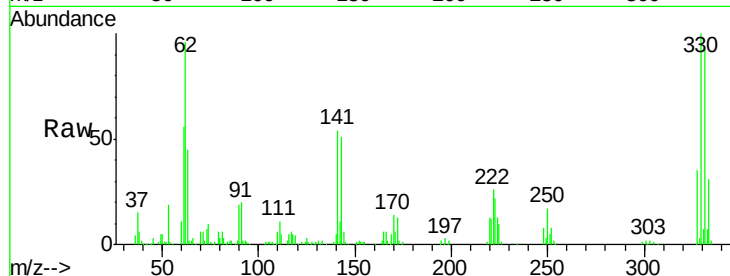




#41
 2,4,6-Tribromophenol
 Concen: 59.85 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

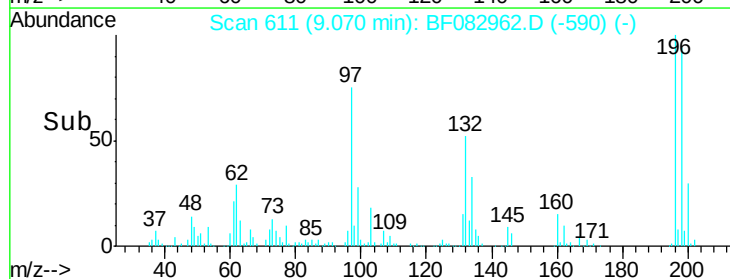
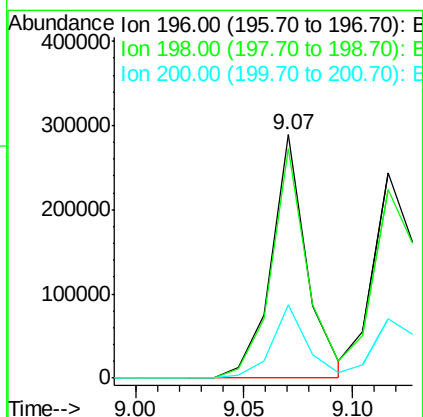
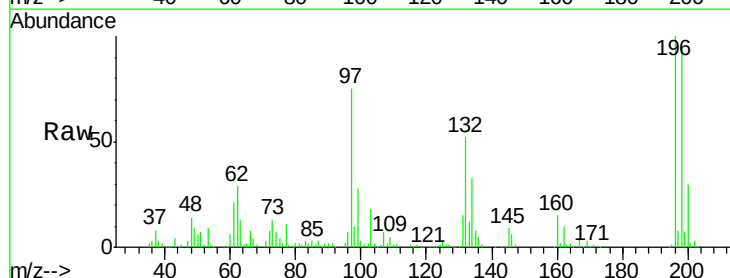
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

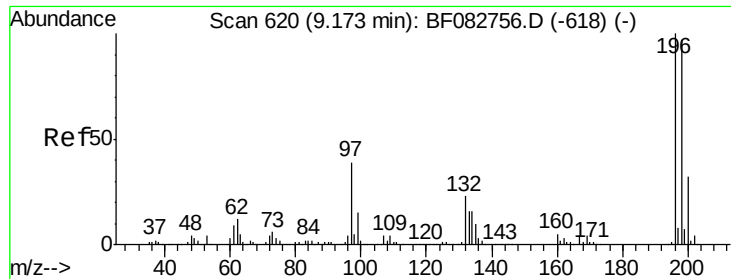
Tot Ion:330 Resp: 305928
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 114.8
 141 40.2 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 30.26 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion:196 Resp: 330952
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.0 23.9 35.9

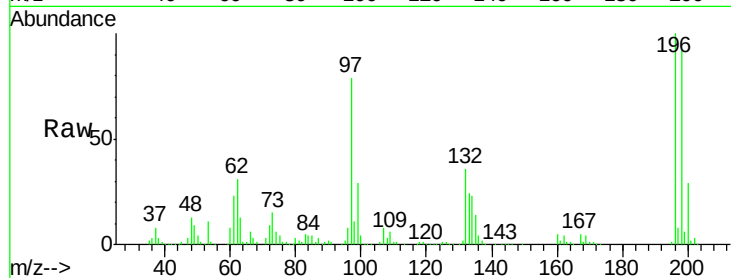




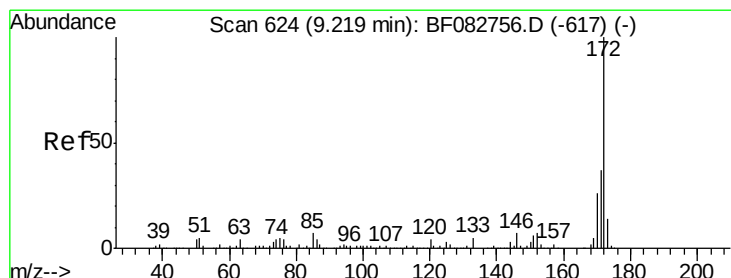
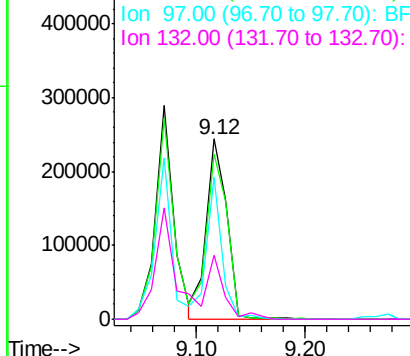
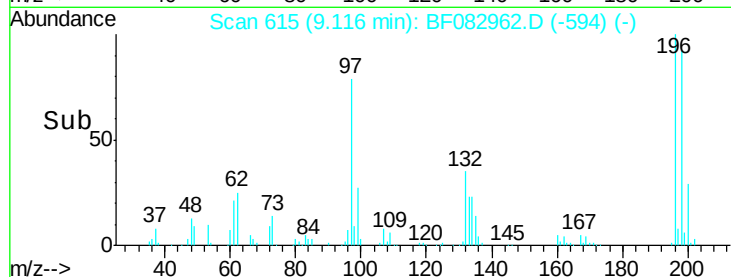
#43
2,4,5-Trichlorophenol
Concen: 29.90 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Instrument :
BNA_F
ClientSampleId :
PB86680BSD

Tot Ion:196 Resp: 323326
Ion Ratio Lower Upper
196 100
198 91.7 75.8 113.8
97 78.9 62.3 93.5
132 35.6 27.4 41.2

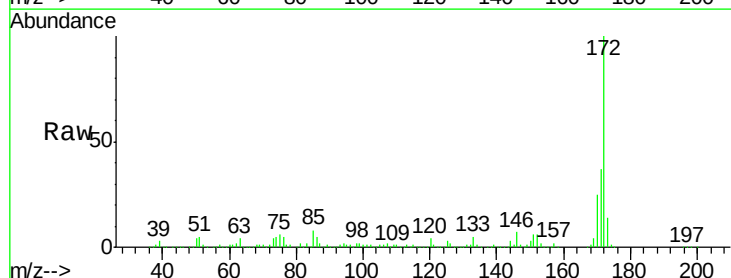


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

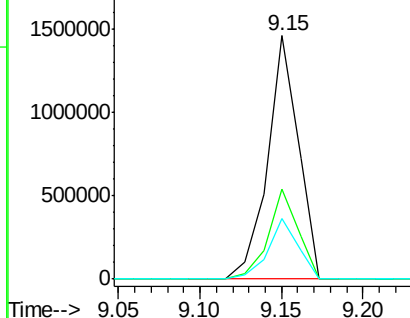
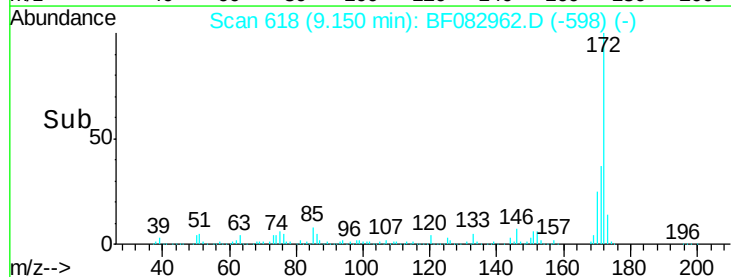


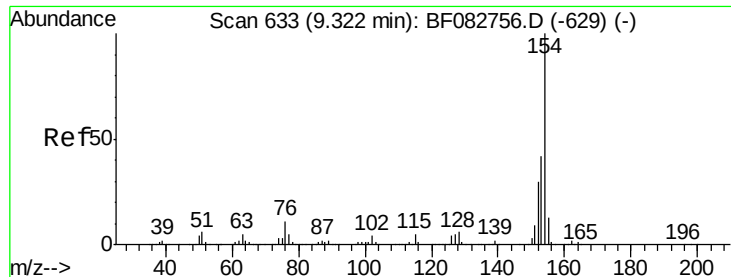
#44
2-Fluorobiphenyl
Concen: 61.70 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:172 Resp: 1919139
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 24.9 21.2 31.8



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





#45

1,1'-Biphenyl

Concen: 32.54 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

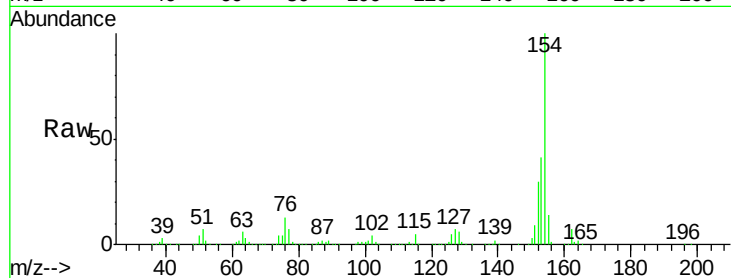
Tot Ion:154 Resp: 1244563

Ion Ratio Lower Upper

154 100

153 41.3 22.0 62.0

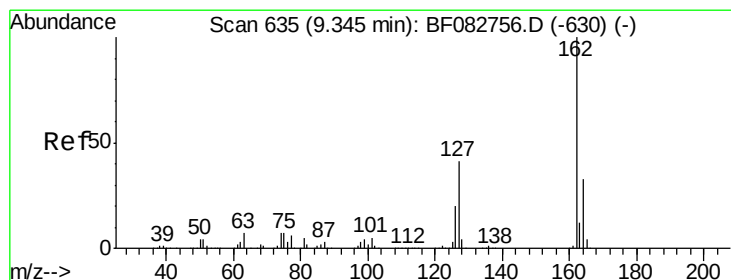
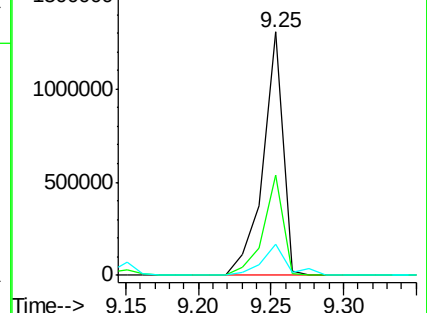
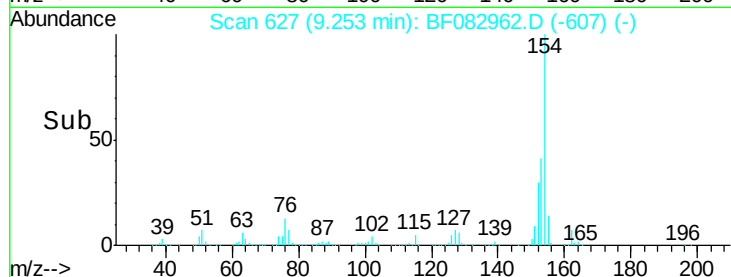
76 12.7 0.0 29.0



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: 33.27 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

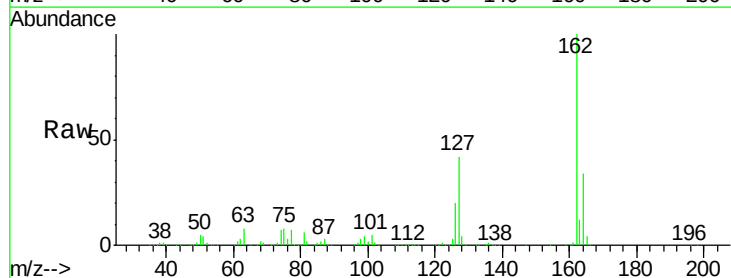
Tgt Ion:162 Resp: 992812

Ion Ratio Lower Upper

162 100

127 41.6 32.7 49.1

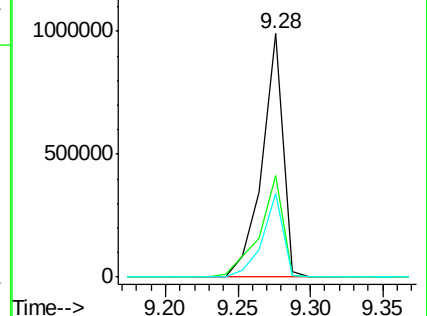
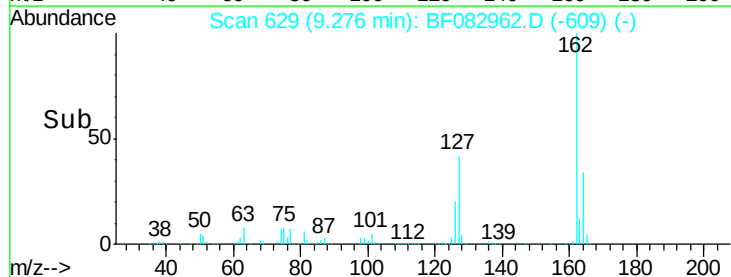
164 34.2 27.4 41.0

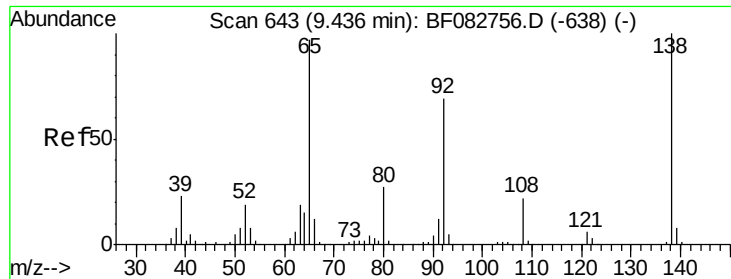


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

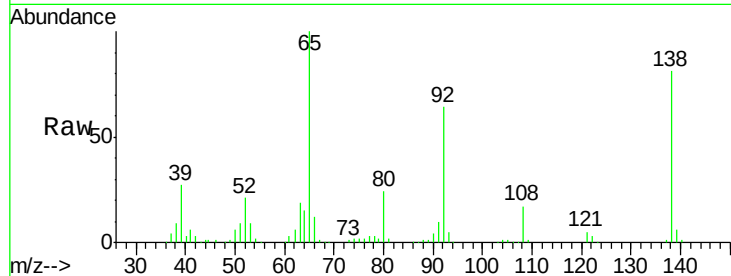




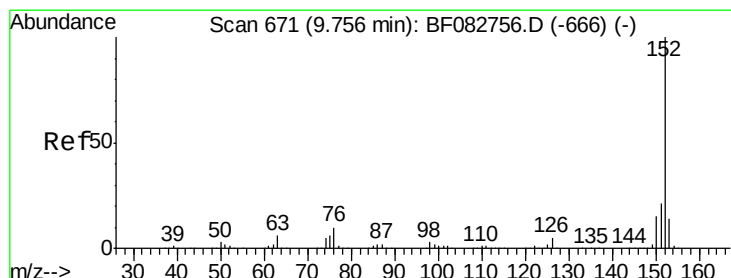
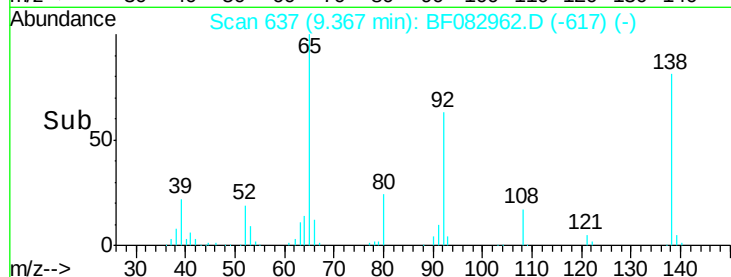
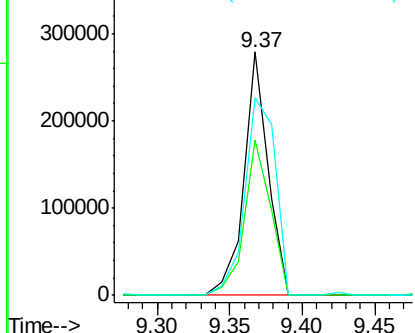
#47
2-Nitroaniline
Concen: 29.00 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Instrument :
BNA_F
ClientSampleId :
PB86680BSD

Tot Ion: 65 Resp: 320960
Ion Ratio Lower Upper
65 100
92 63.9 46.6 70.0
138 81.2 54.6 81.8

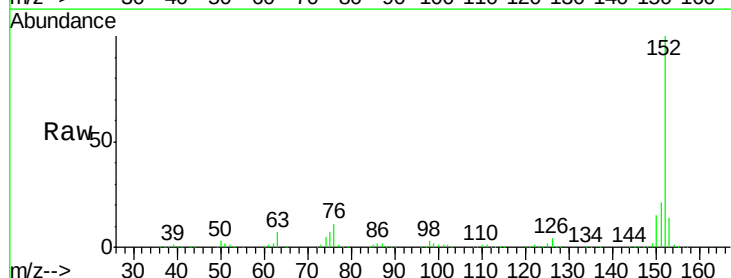


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

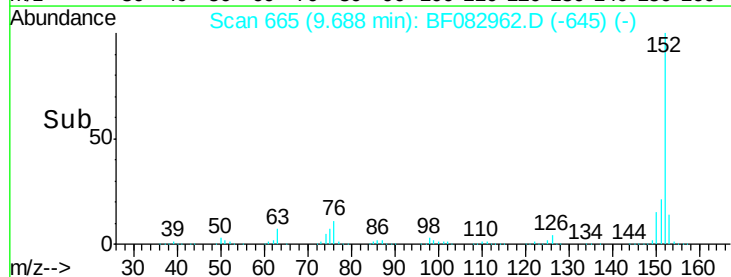
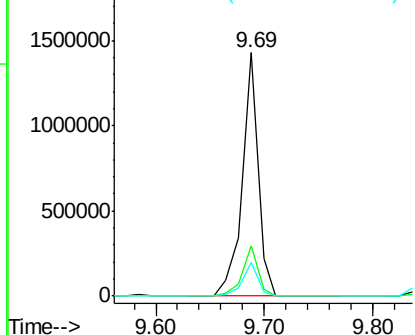


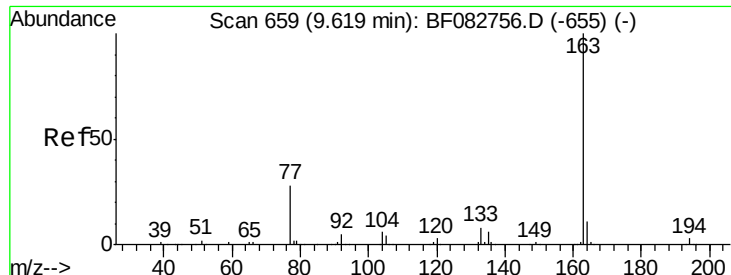
#48
Acenaphthylene
Concen: 30.69 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion: 152 Resp: 1435174
Ion Ratio Lower Upper
152 100
151 20.8 17.3 25.9
153 13.8 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 34.31 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

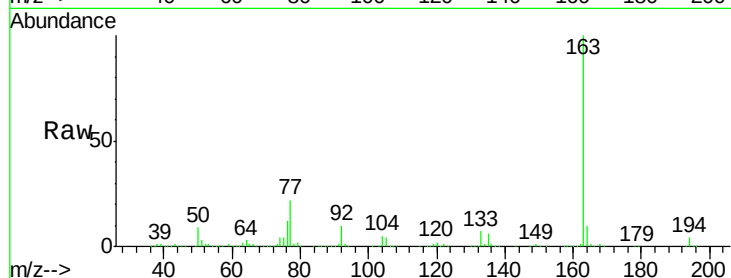
Tot Ion:163 Resp: 1253220

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

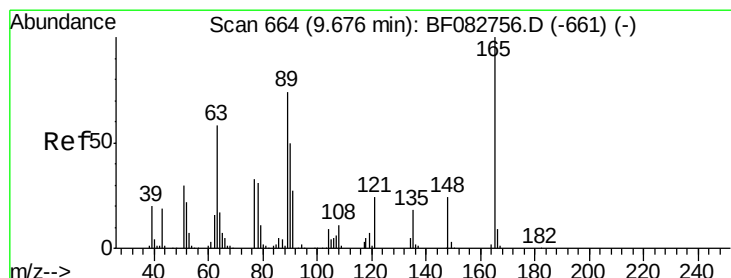
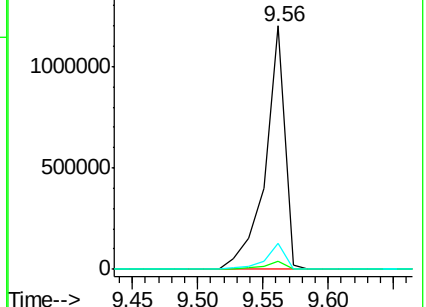
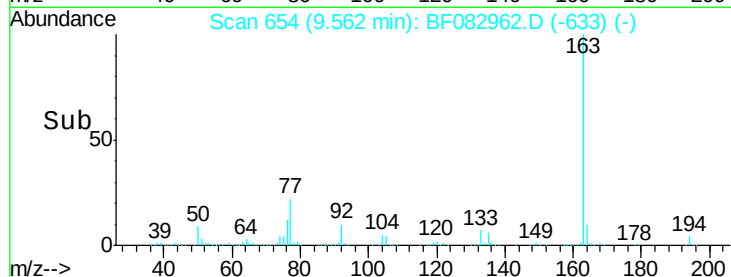
164 10.4 8.7 13.1



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: 36.42 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

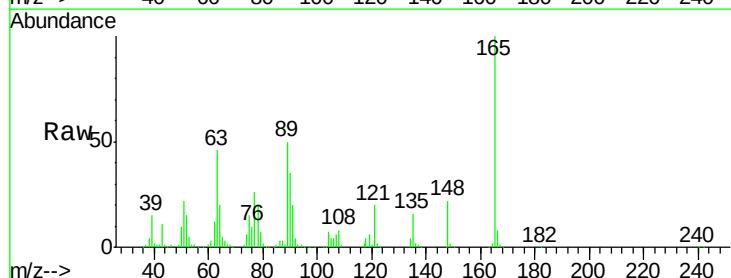
Tgt Ion:165 Resp: 283836

Ion Ratio Lower Upper

165 100

63 46.1 55.5 83.3#

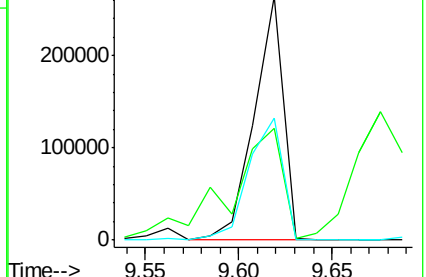
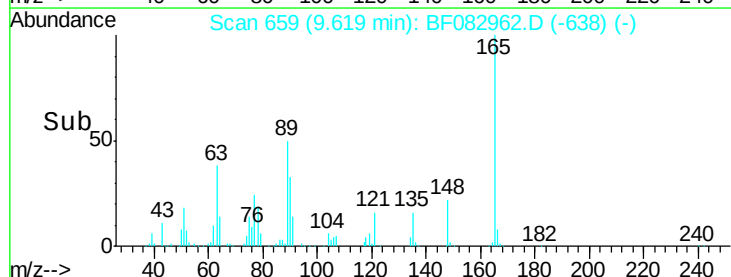
89 50.2 55.0 82.6#

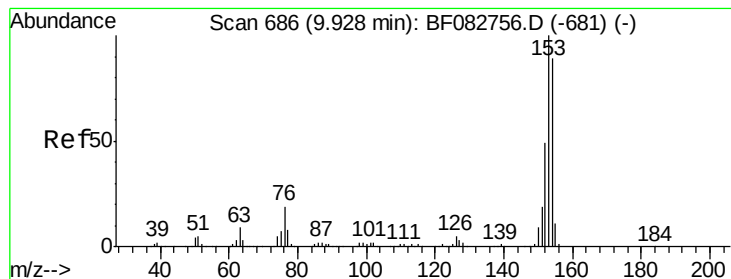


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.83 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

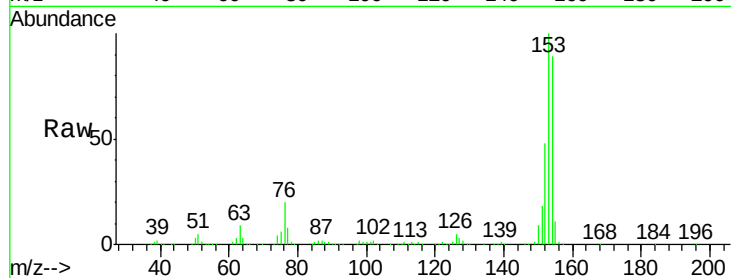
Tot Ion:154 Resp: 1032349

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

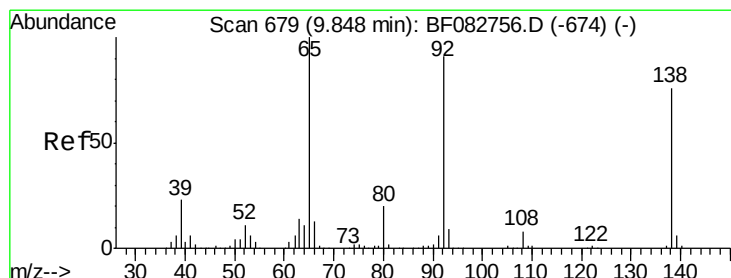
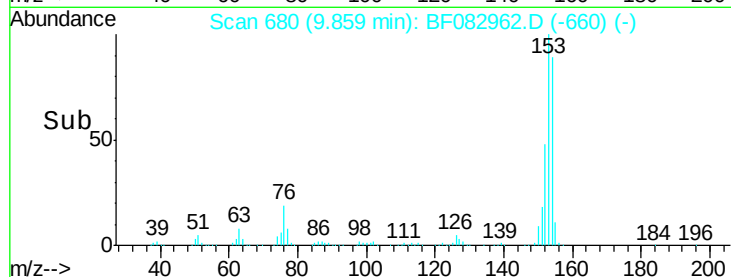
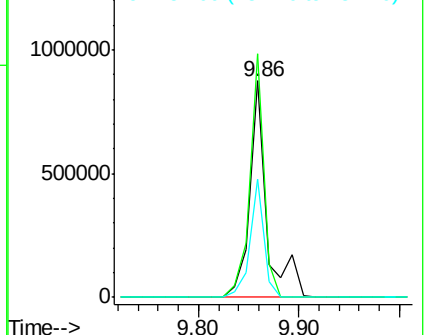
152 54.4 44.3 66.5



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: 14.44 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

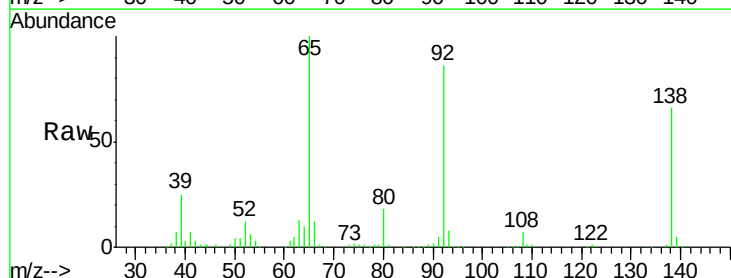
Tgt Ion:138 Resp: 123743

Ion Ratio Lower Upper

138 100

108 11.0 11.3 16.9#

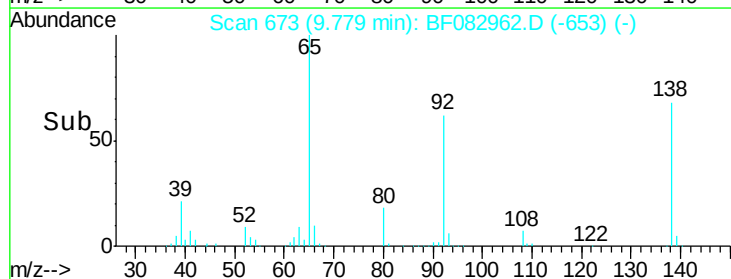
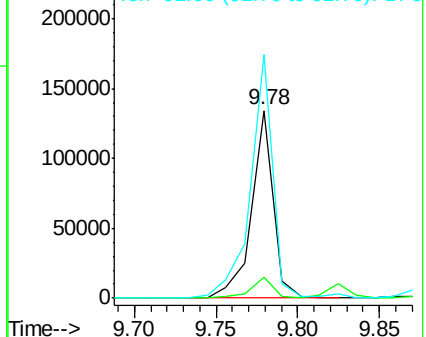
92 129.7 122.4 183.6

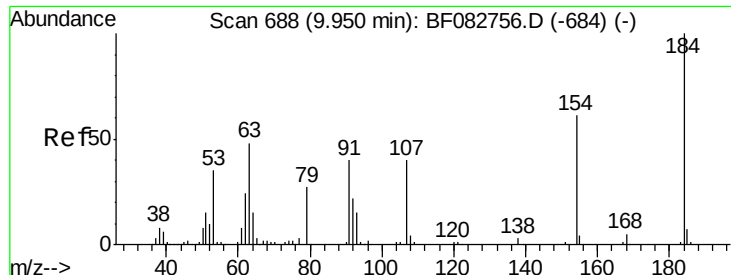


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

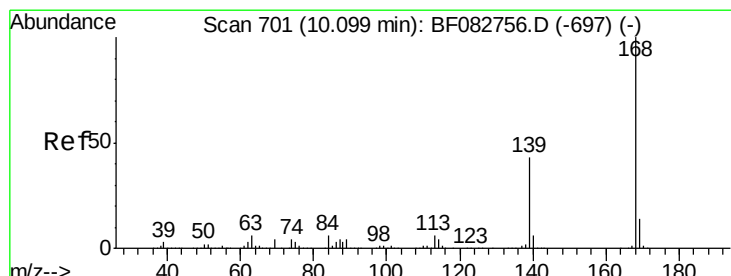
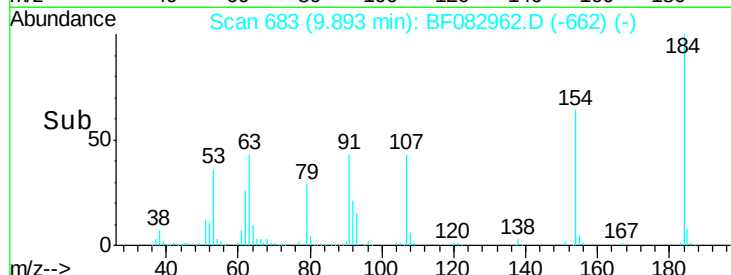
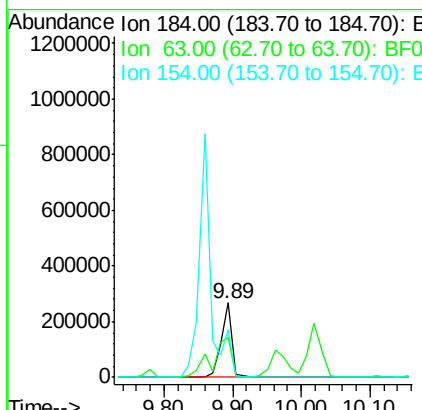
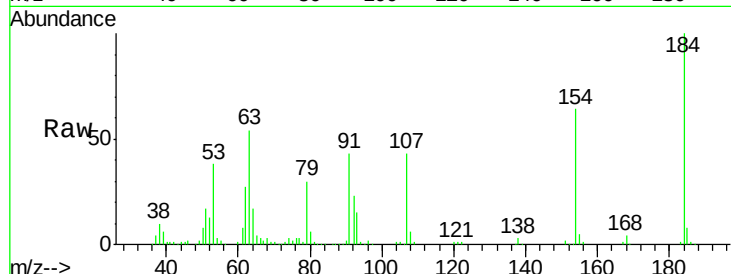




#53
 2,4-Dinitrophenol
 Concen: 69.17 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

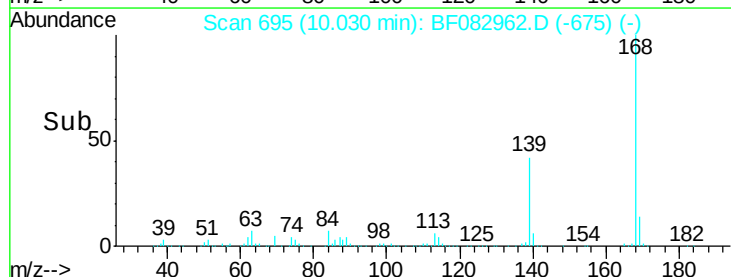
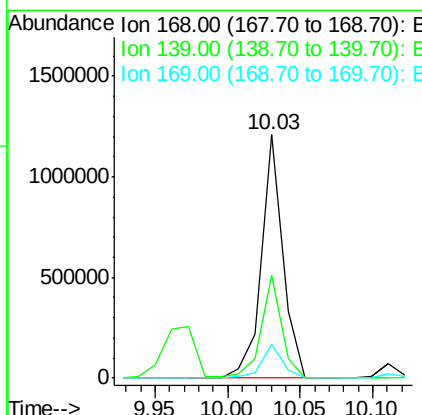
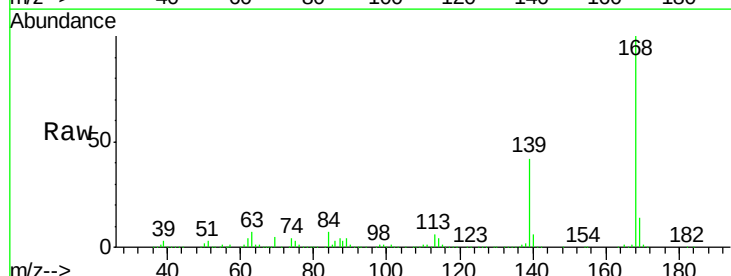
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

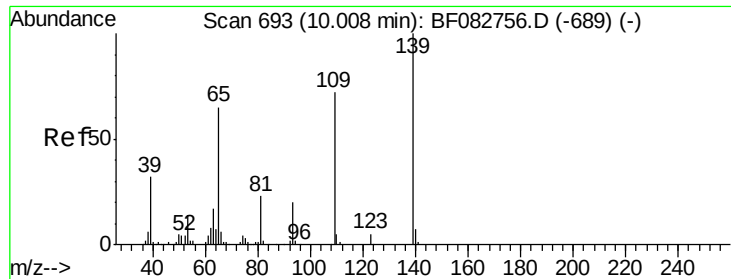
Tot Ion:184 Resp: 295956
 Ion Ratio Lower Upper
 184 100
 63 53.6 98.6 148.0#
 154 64.2 183.9 275.9#



#54
 Dibenzofuran
 Concen: 31.10 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion:168 Resp: 1242709
 Ion Ratio Lower Upper
 168 100
 139 42.2 37.8 56.6
 169 13.9 11.3 16.9

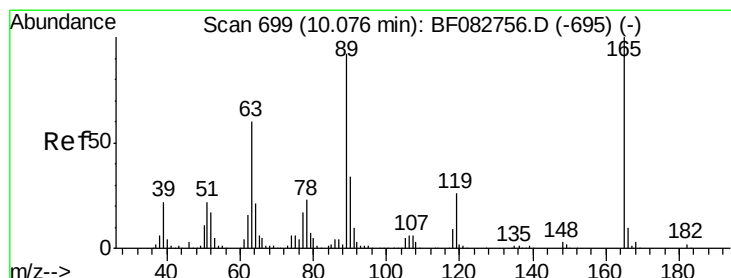
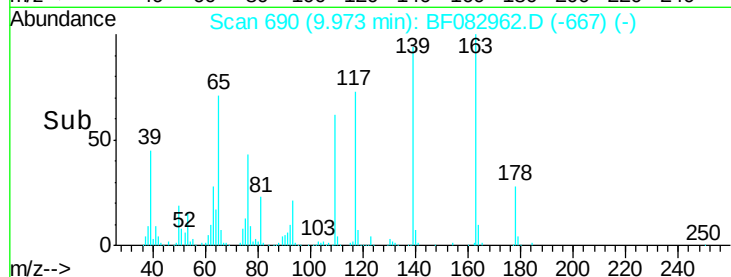
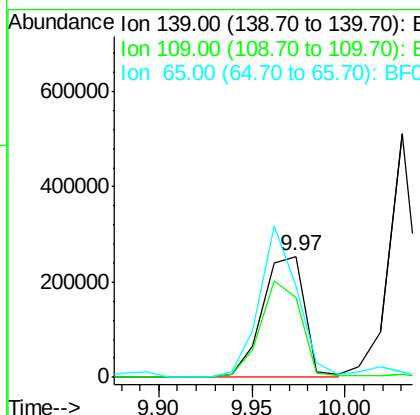
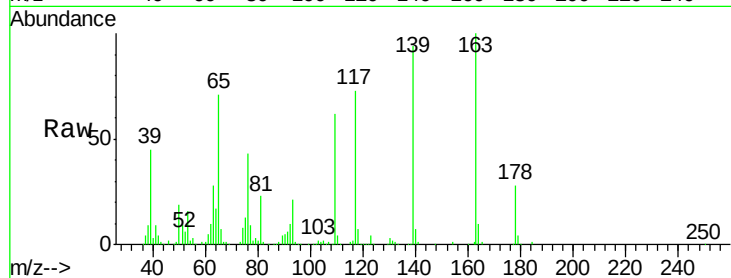




#55
4-Nitrophenol
Concen: 60.97 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

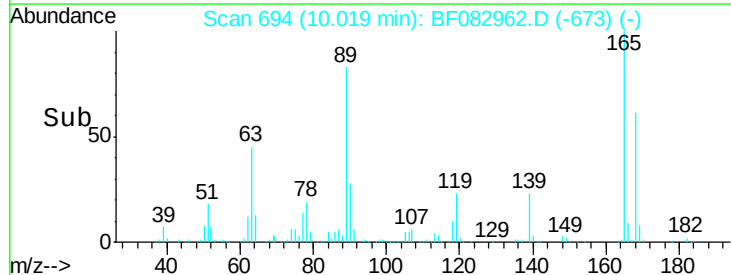
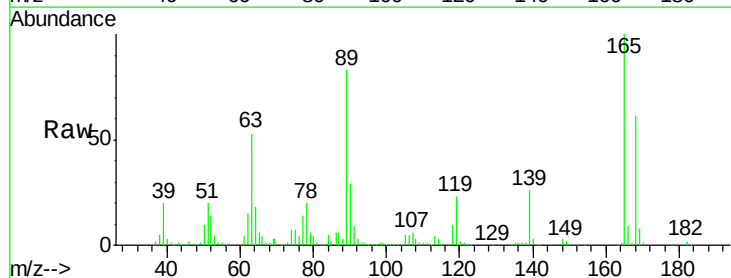
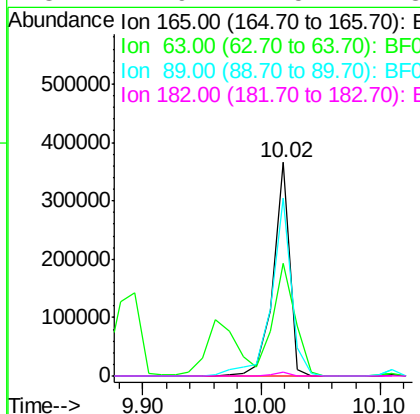
Instrument :
BNA_F
ClientSampleId :
PB86680BSD

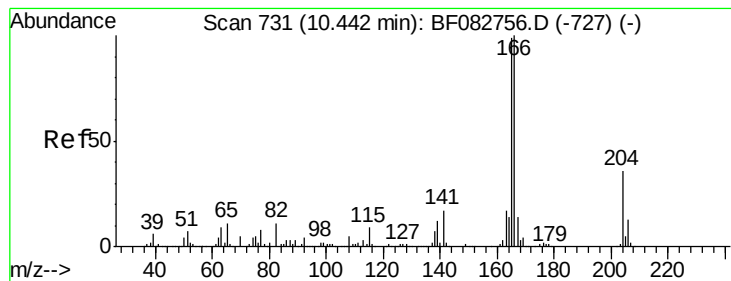
Tot Ion:139 Resp: 400905
Ion Ratio Lower Upper
139 100
109 65.8 73.7 113.7#
65 75.6 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 33.39 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:165 Resp: 353019
Ion Ratio Lower Upper
165 100
63 52.9 43.4 65.0
89 83.2 70.6 106.0
182 1.9 1.5 2.3





#57

Fluorene

Concen: 30.52 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

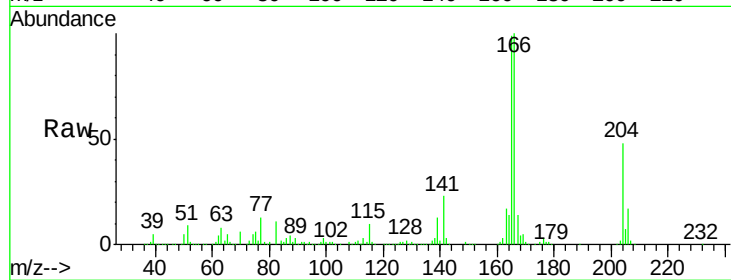
Tot Ion:166 Resp: 987723

Ion Ratio Lower Upper

166 100

165 98.6 80.2 120.4

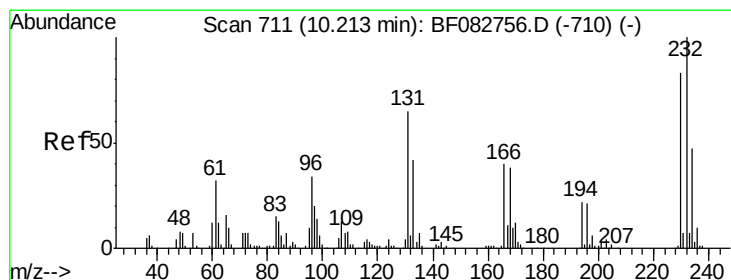
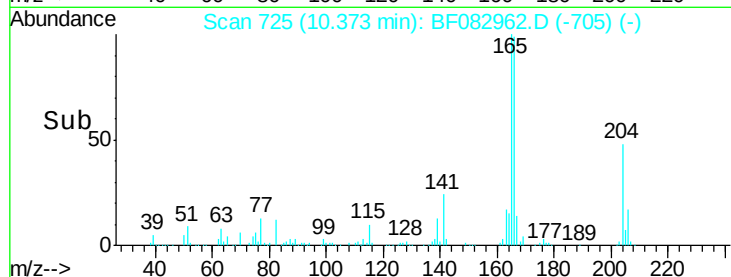
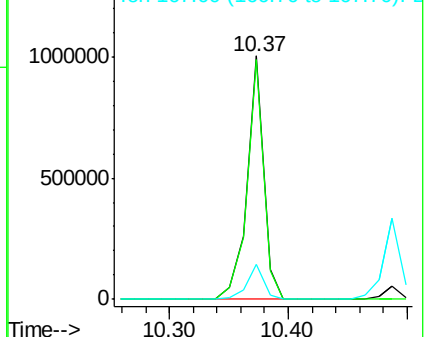
167 14.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.52 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Tgt Ion:232 Resp: 295889

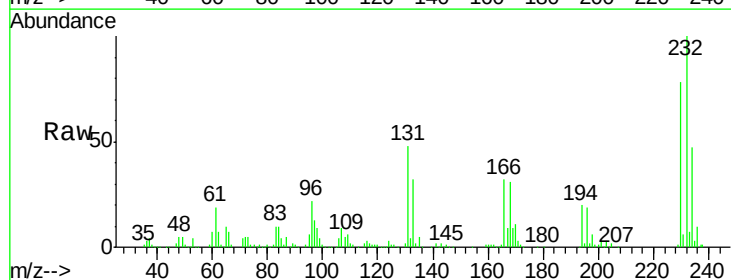
Ion Ratio Lower Upper

232 100

131 49.4 46.2 69.2

130 2.3 2.4 3.6#

166 31.7 28.2 42.2

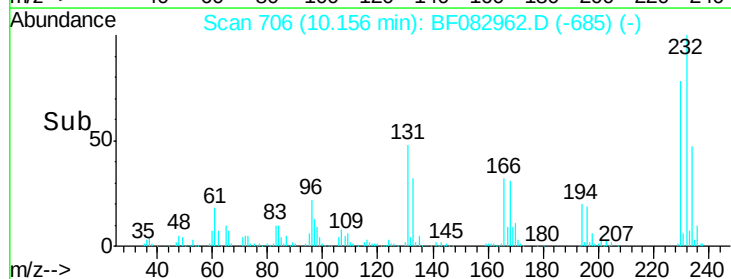
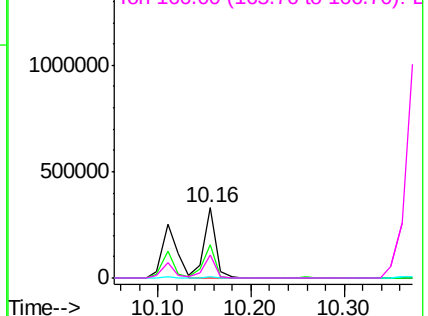


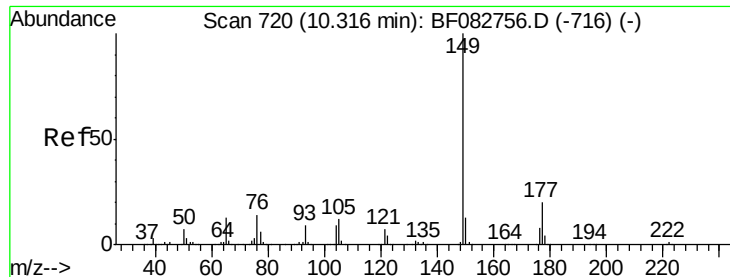
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

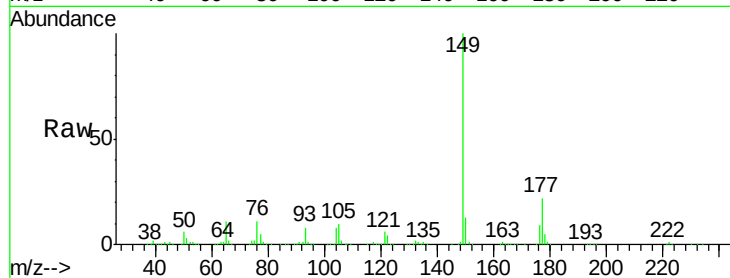




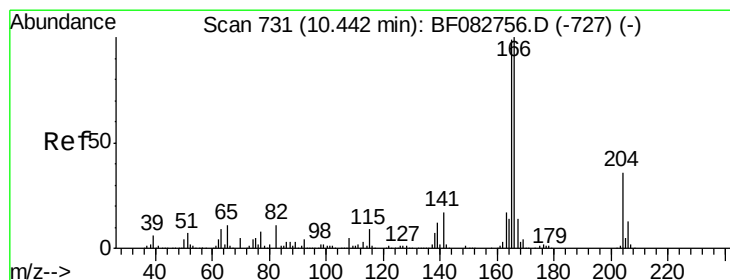
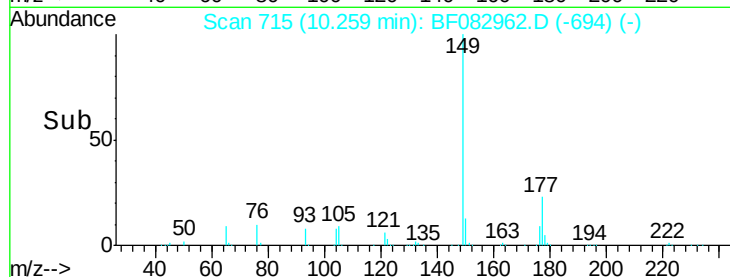
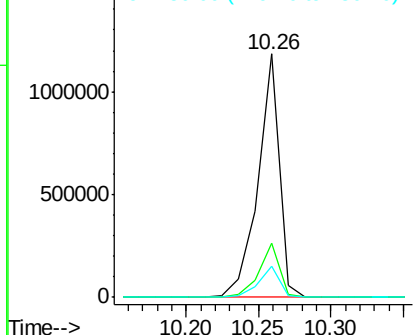
#59
Diethylphthalate
Concen: 33.71 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.06 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Instrument :
BNA_F
ClientSampleId :
PB86680BSD

Tot Ion:149 Resp: 1202287
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.9 10.1 15.1

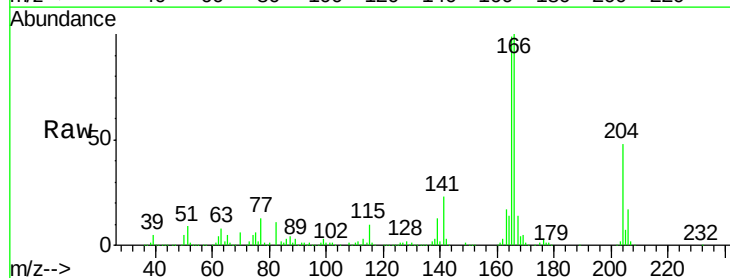


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

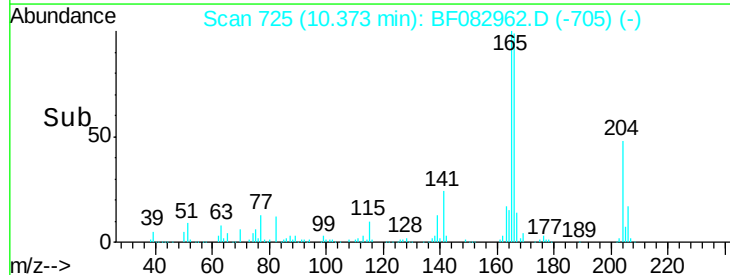
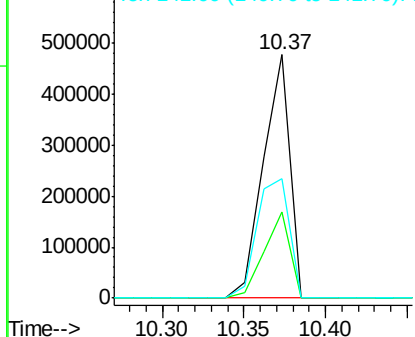


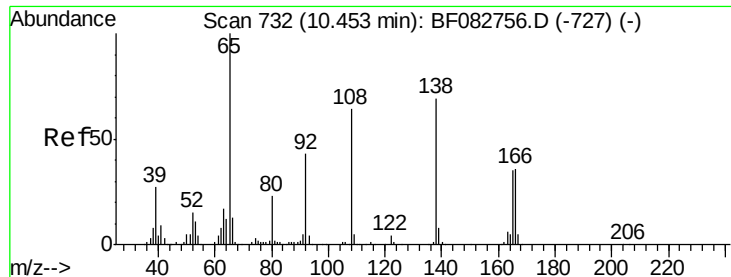
#60
4-Chlorophenyl-phenylether
Concen: 33.43 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:204 Resp: 541271
Ion Ratio Lower Upper
204 100
206 35.6 28.5 42.7
141 49.2 44.6 66.8



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: 26.34 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.06 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

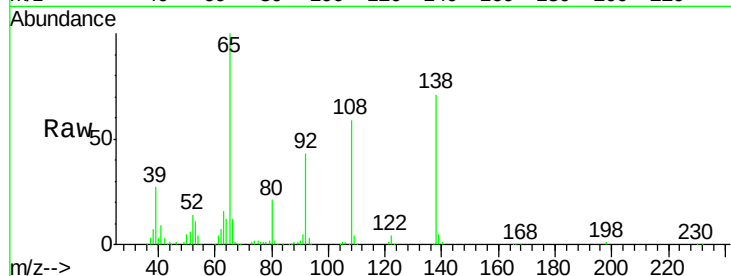
Tot Ion:138 Resp: 227064

Ion Ratio Lower Upper

138 100

92 61.0 45.8 85.8

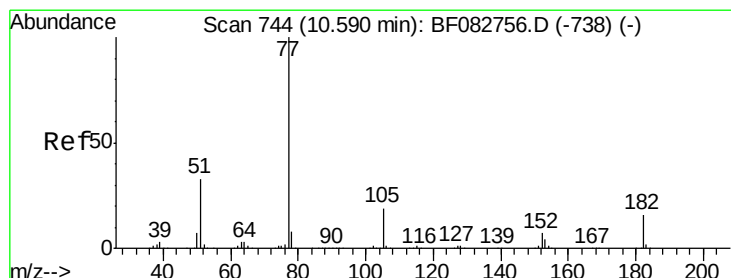
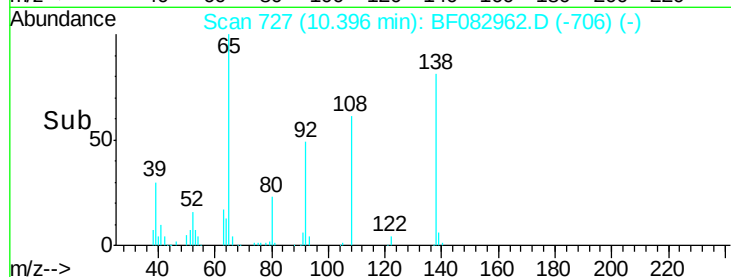
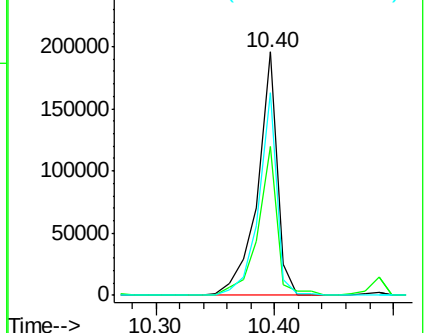
108 83.4 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.07 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Tgt Ion: 77 Resp: 1381595

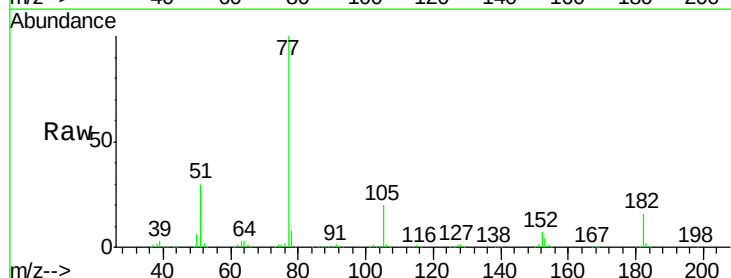
Ion Ratio Lower Upper

77 100

182 16.0 9.3 49.3

105 19.6 2.6 42.6

51 30.3 9.9 49.9

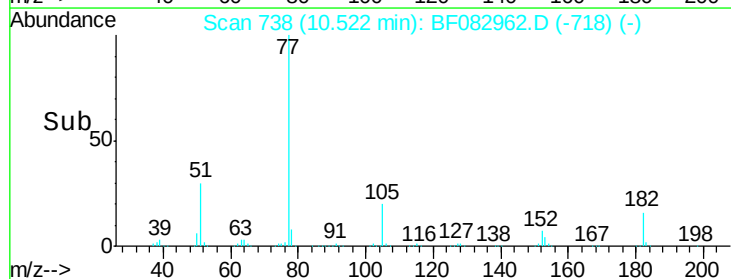
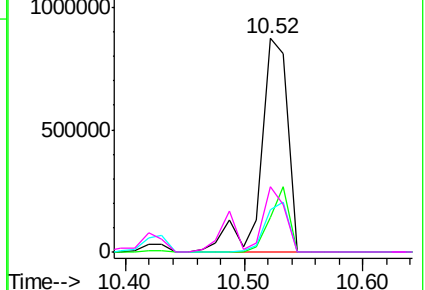


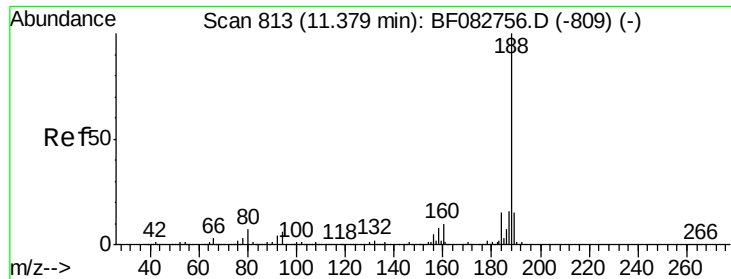
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

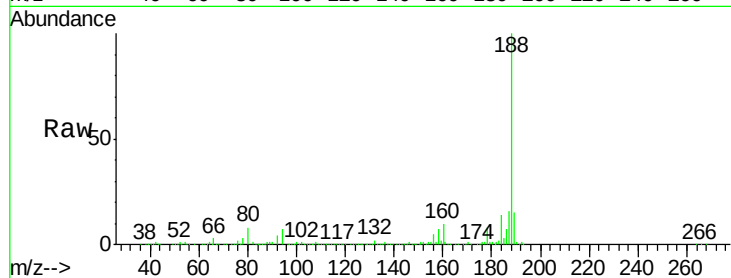




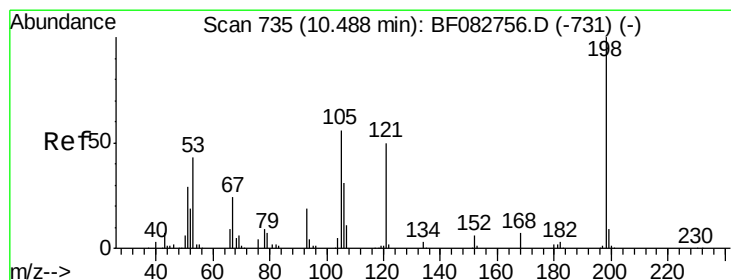
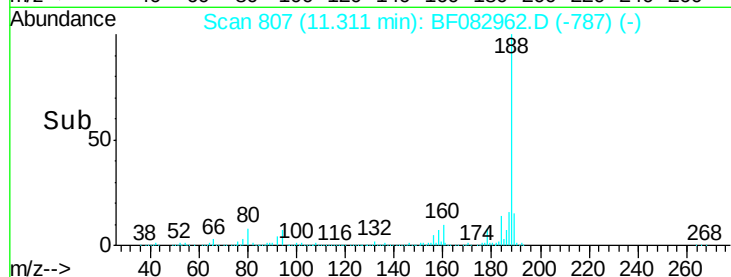
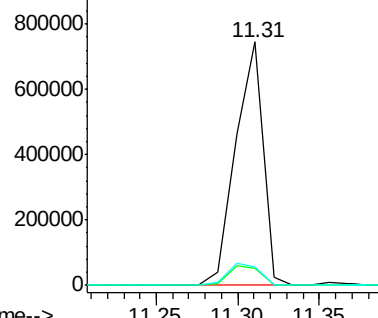
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Instrument :
BNA_F
ClientSampleId :
PB86680BSD

Tot Ion:188 Resp: 876399
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 7.6 7.0 10.6

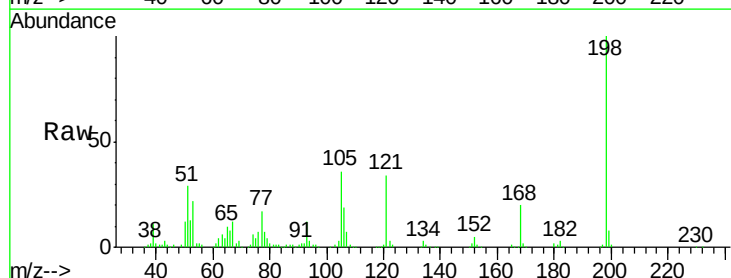


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

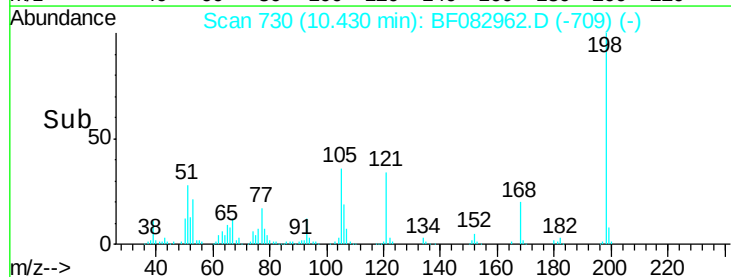
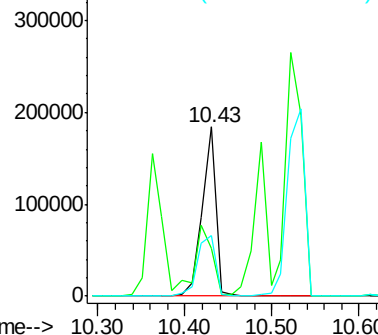


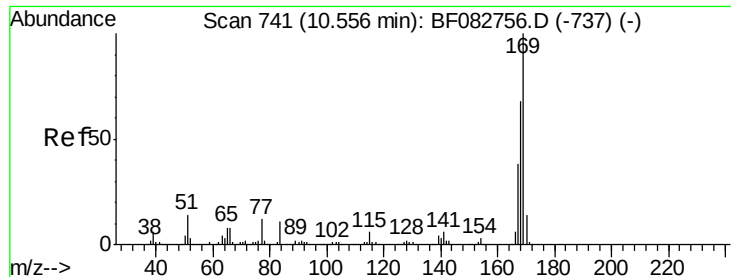
#64
4,6-Dinitro-2-methylphenol
Concen: 32.39 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:198 Resp: 202253
Ion Ratio Lower Upper
198 100
51 28.5 17.3 57.3
105 35.9 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 28.53 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

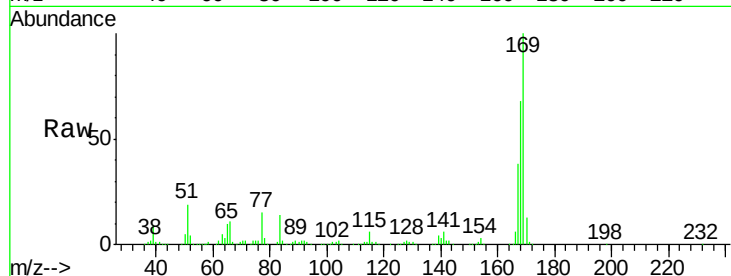
Tot Ion:169 Resp: 903369

Ion Ratio Lower Upper

169 100

168 67.6 55.0 82.6

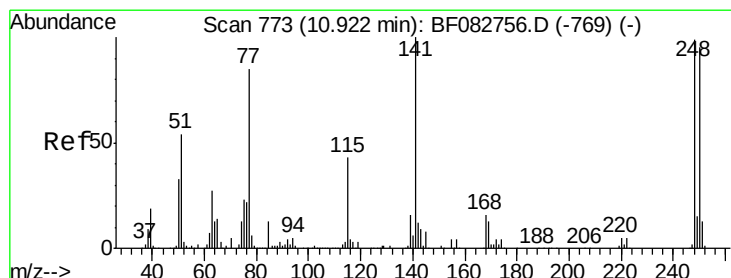
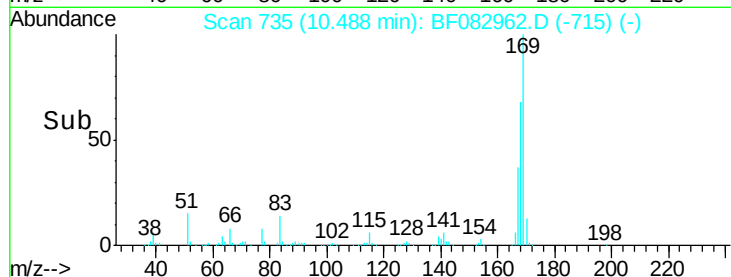
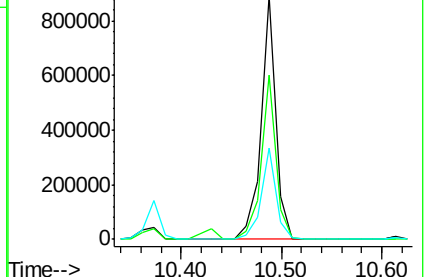
167 37.5 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 29.78 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

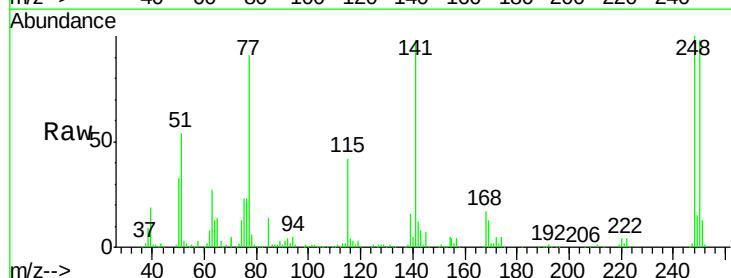
Tgt Ion:248 Resp: 314305

Ion Ratio Lower Upper

248 100

250 98.1 79.4 119.2

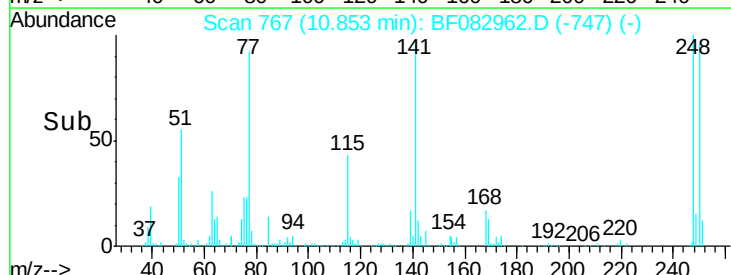
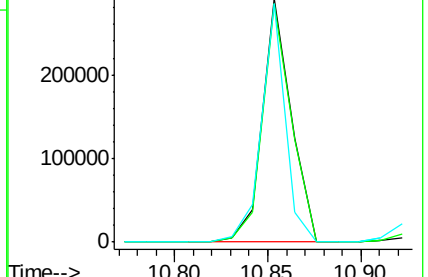
141 98.2 36.3 54.5#

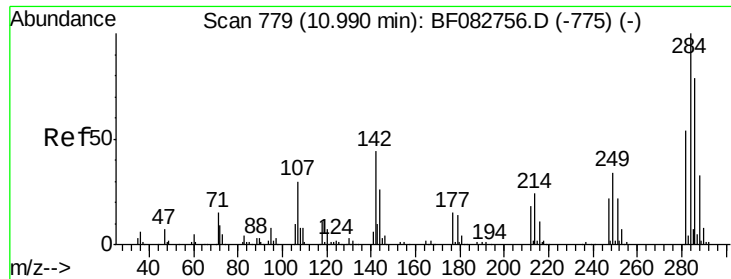


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

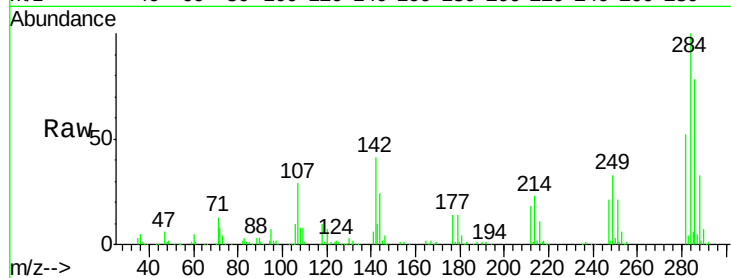




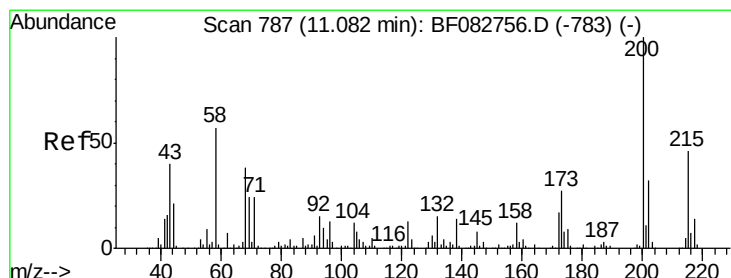
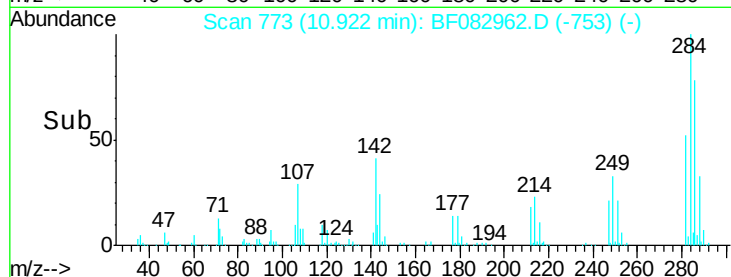
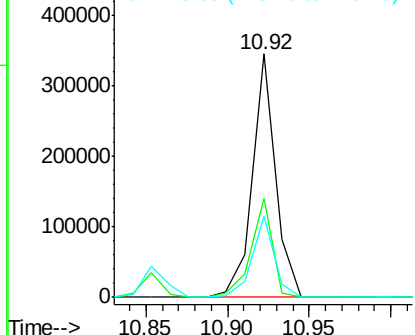
#67
Hexachlorobenzene
Concen: 28.93 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Instrument :
BNA_F
ClientSampleId :
PB86680BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.9	47.9	71.9#
249	33.3	29.7	44.5

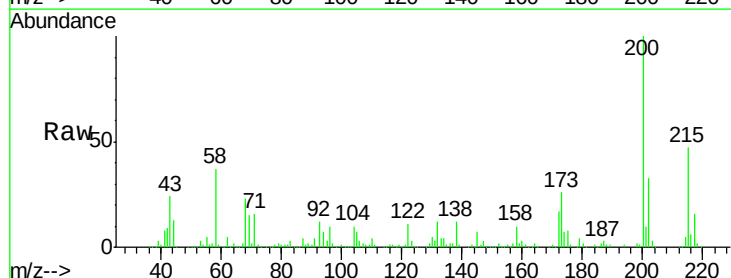


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

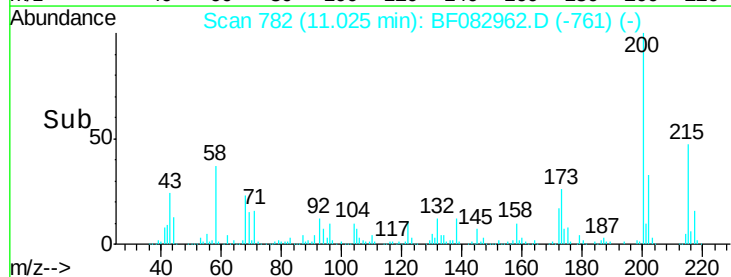
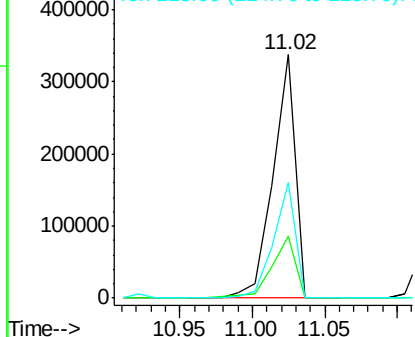


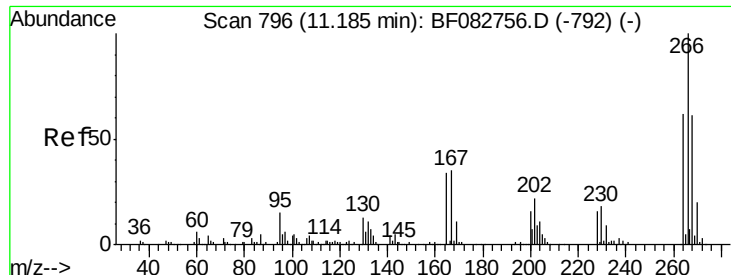
#68
Atrazine
Concen: 36.58 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.06 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.9	46.9
215	47.2	22.9	62.9



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

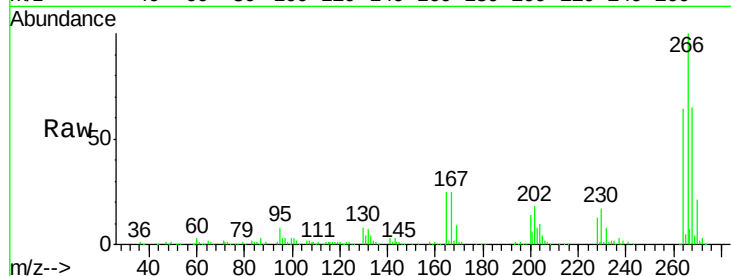




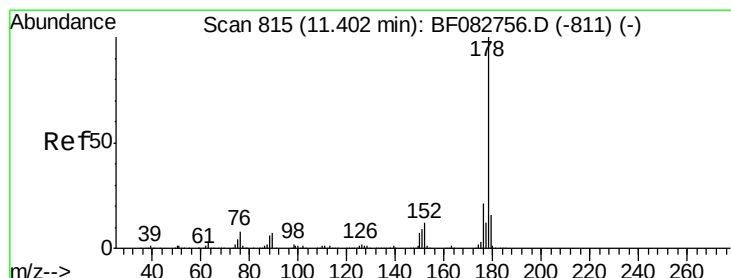
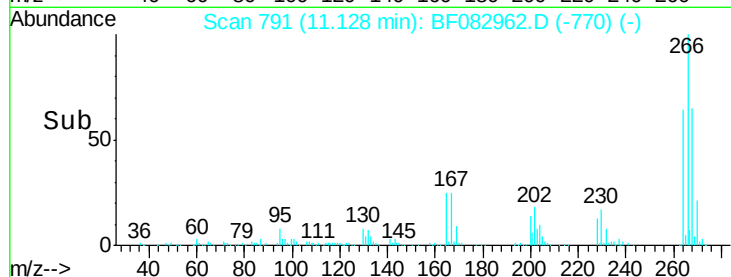
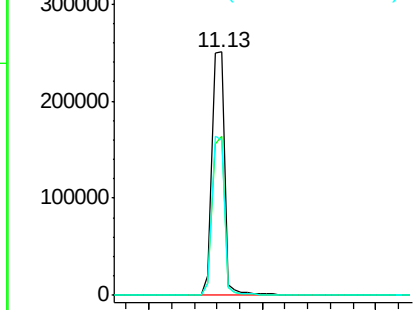
#69
 Pentachlorophenol
 Concen: 53.35 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

Tot Ion:266 Resp: 381761
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.0 76.6
 264 63.8 50.6 75.8

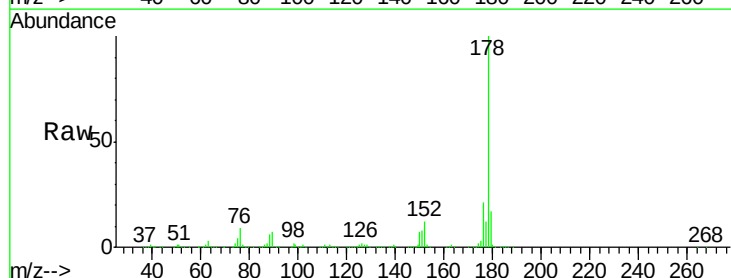


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

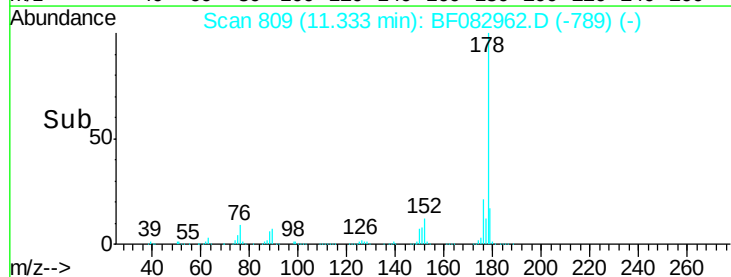
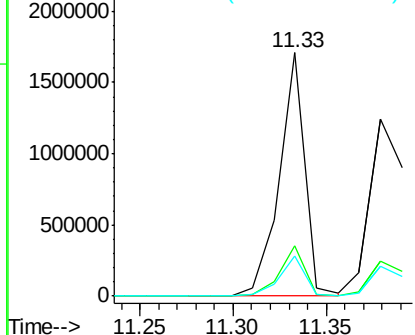


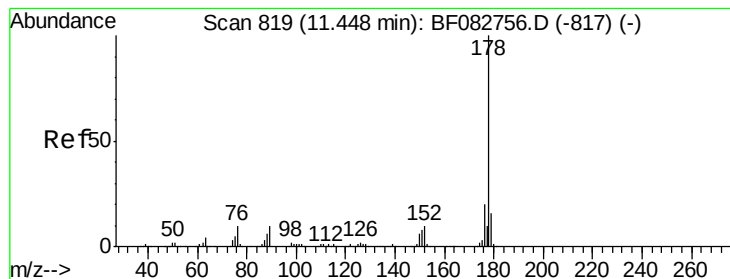
#70
 Phenanthrene
 Concen: 32.03 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion:178 Resp: 1630107
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.4
 179 16.6 13.4 20.0



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





#71

Anthracene

Concen: 29.63 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

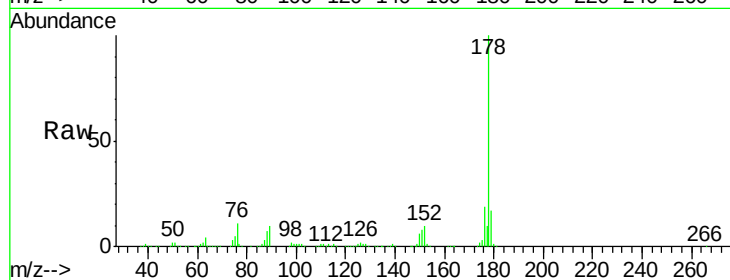
Tot Ion:178 Resp: 1588360

Ion Ratio Lower Upper

178 100

176 19.5 16.5 24.7

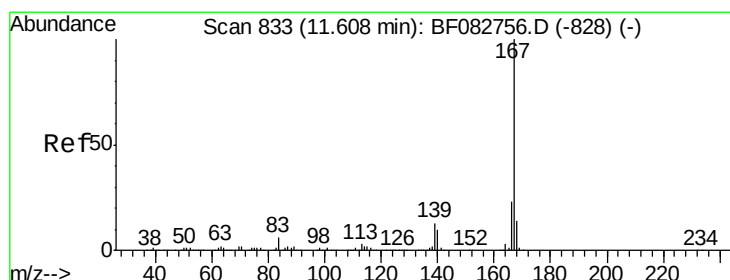
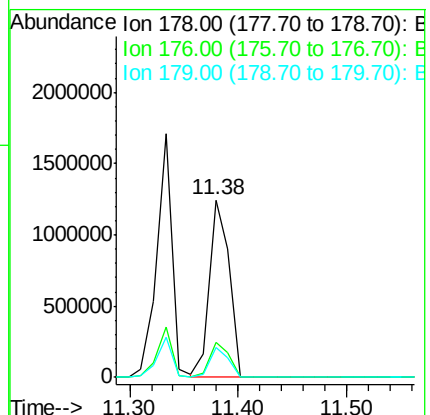
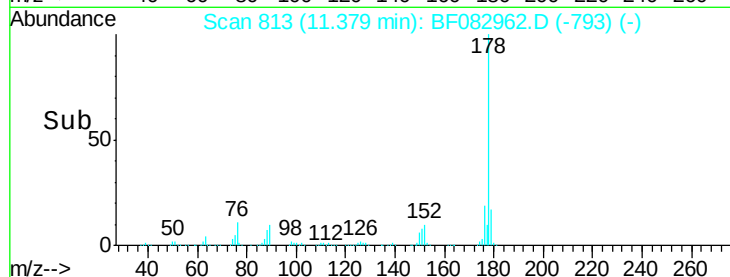
179 16.5 13.2 19.8



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: 28.70 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

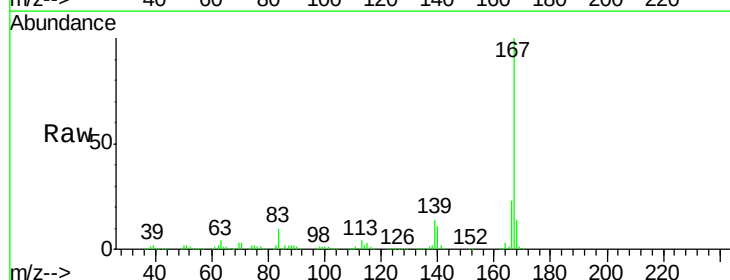
Tgt Ion:167 Resp: 1346793

Ion Ratio Lower Upper

167 100

166 23.2 18.7 28.1

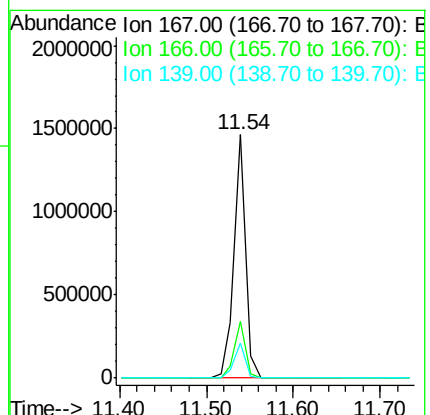
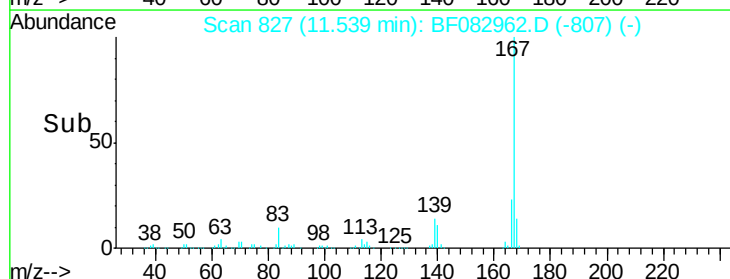
139 14.2 11.8 17.6

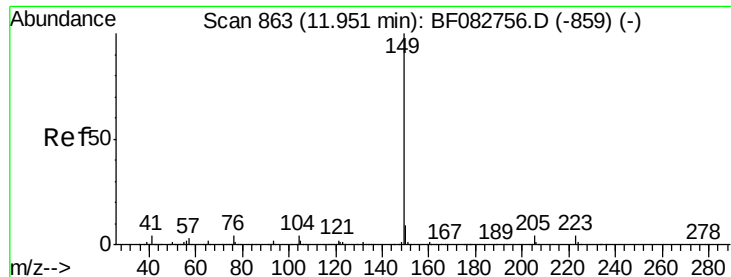


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.49 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

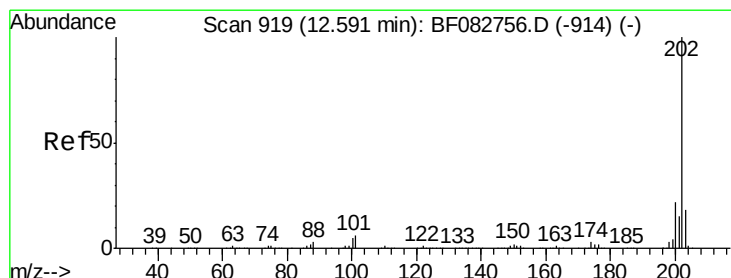
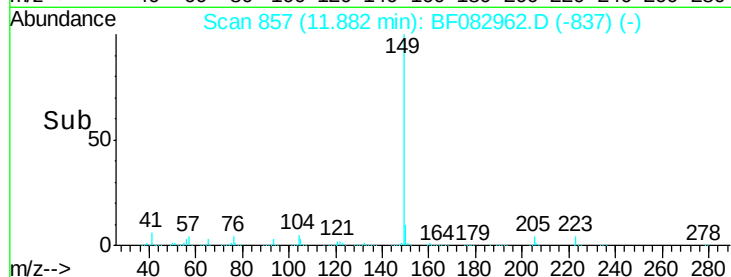
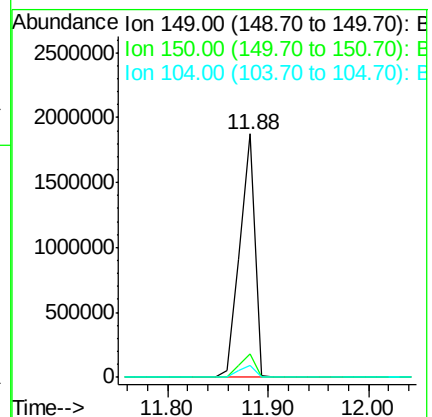
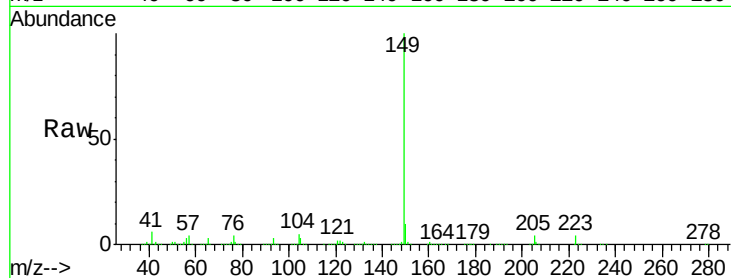
Tot Ion:149 Resp: 1957944

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 4.8 5.2 7.8#



#74

Fluoranthene

Concen: 30.32 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.08 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

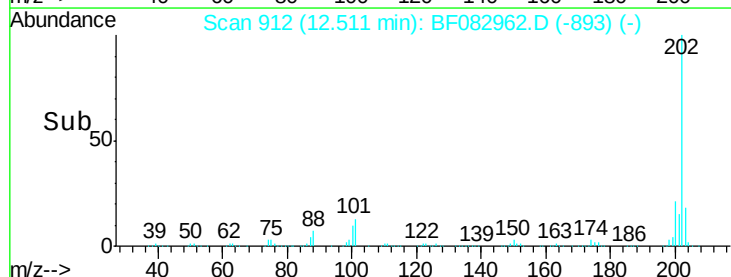
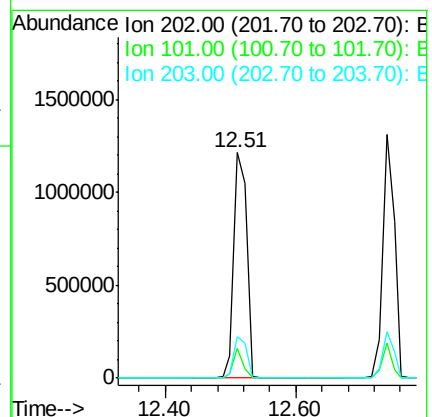
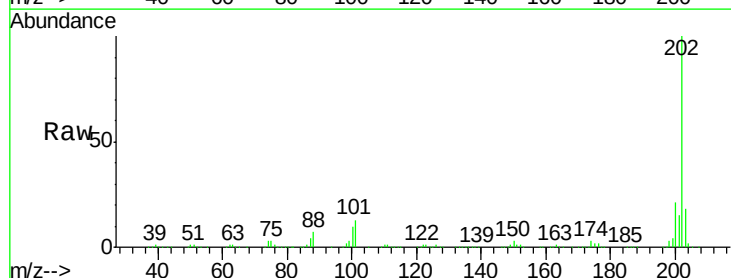
Tgt Ion:202 Resp: 1655734

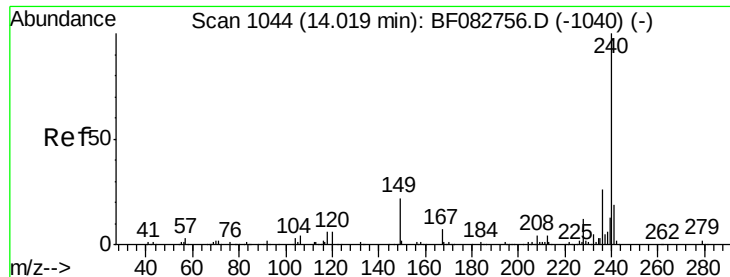
Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.5

203 18.3 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleId :

PB86680BSD

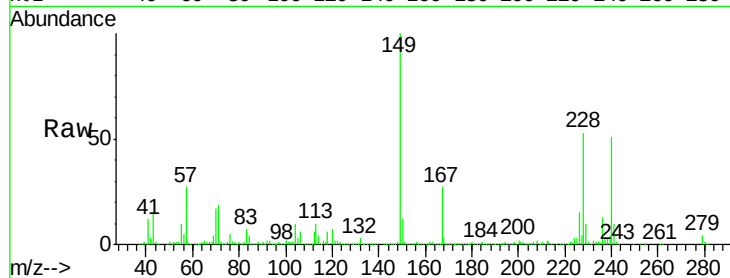
Tot Ion:240 Resp: 635986

Ion Ratio Lower Upper

240 100

120 13.1 10.9 16.3

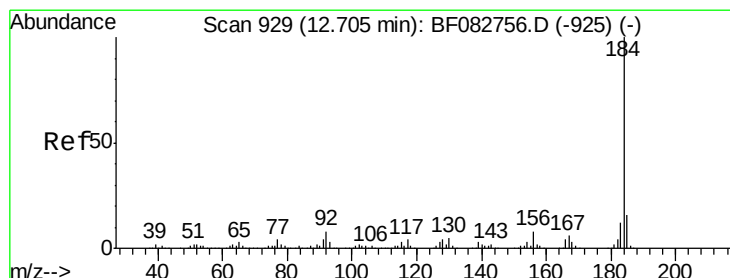
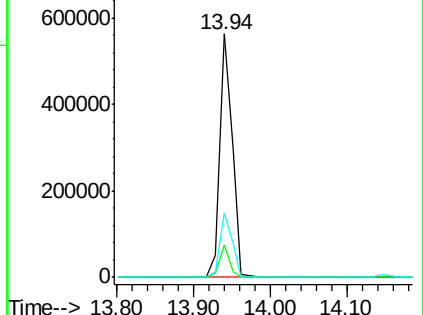
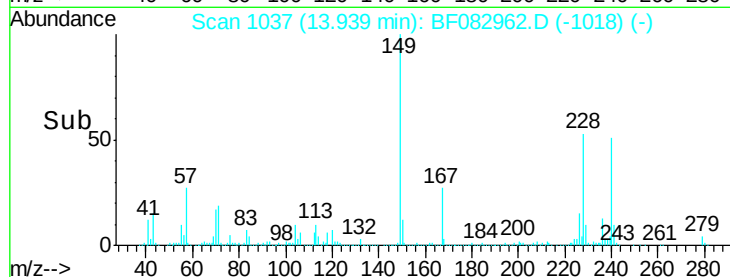
236 26.3 21.6 32.4



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: 25.00 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

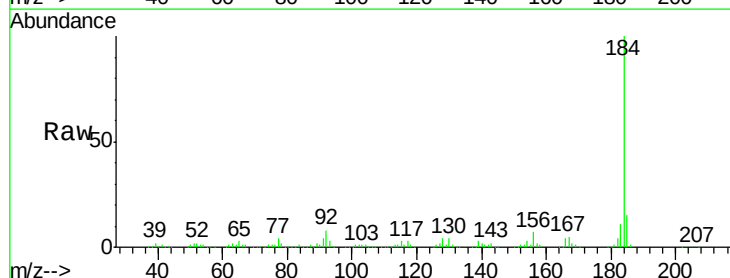
Tgt Ion:184 Resp: 532771

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

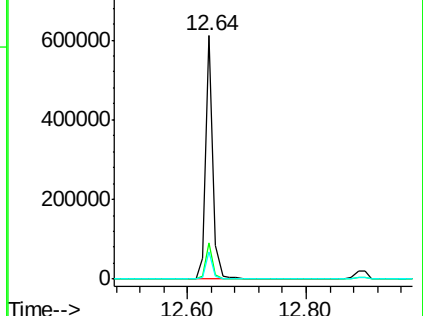
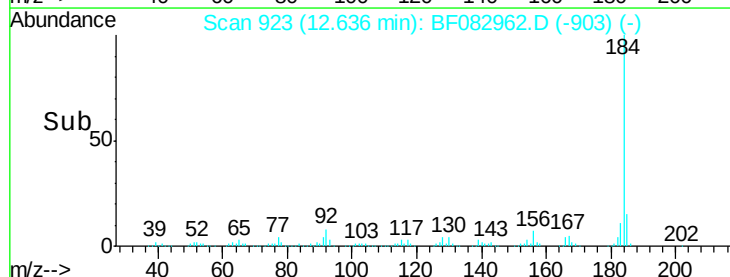
183 11.3 9.6 14.4

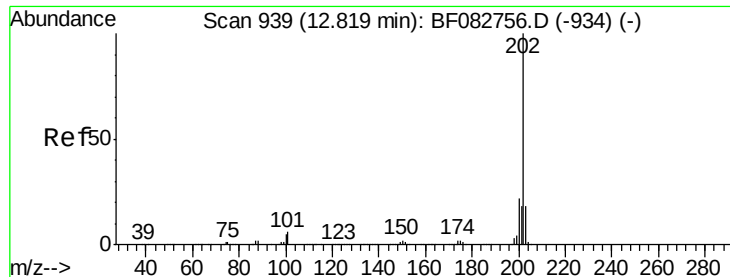


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



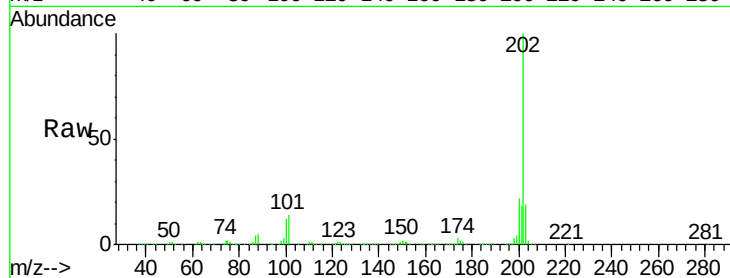


#77
 Pvrene
 Concen: 37.53 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.08 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

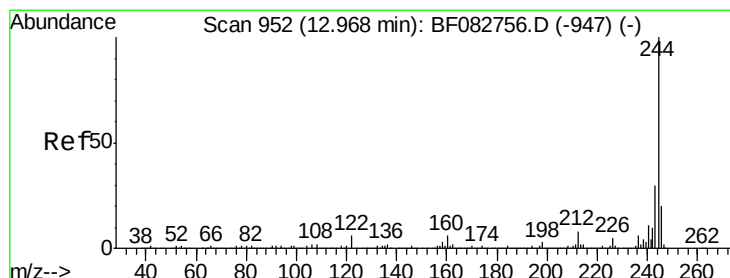
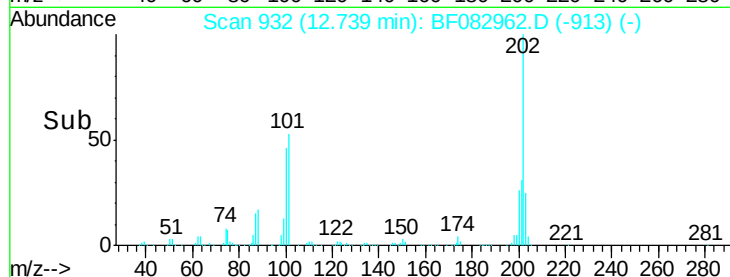
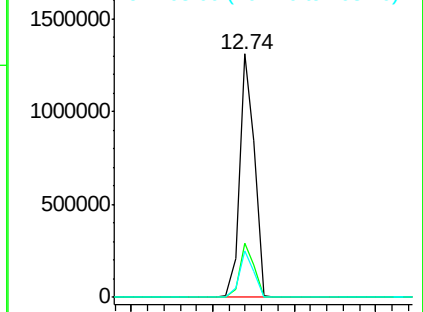
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

Tot Ion:202 Resp: 1639338

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.7	28.1
203	19.1	14.8	22.2



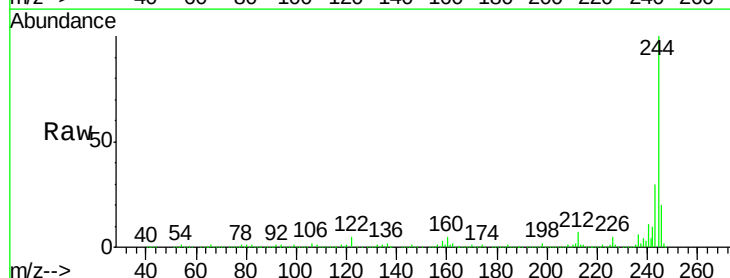
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



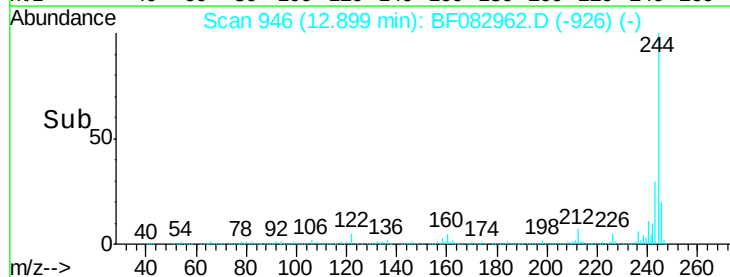
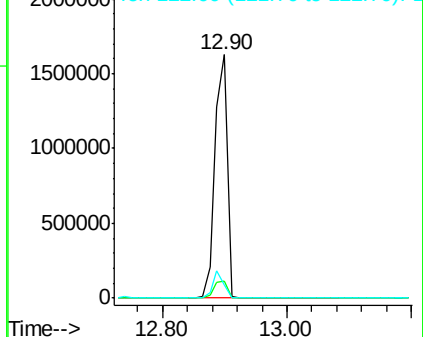
#78
 Terphenyl-d14
 Concen: 80.28 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

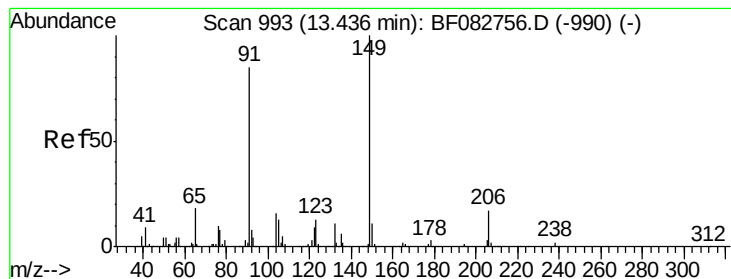
Tgt Ion:244 Resp: 2152535

Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.6	11.4#
122	5.4	11.3	16.9#



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: 39.14 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.07 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

BNA_F

ClientSampleID :

PB86680BSD

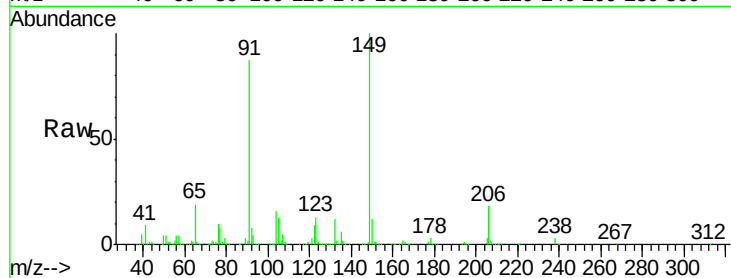
Tot Ion:149 Resp: 755260

Ion Ratio Lower Upper

149 100

91 86.9 67.7 101.5

206 17.7 14.6 22.0



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

1000000

800000

600000

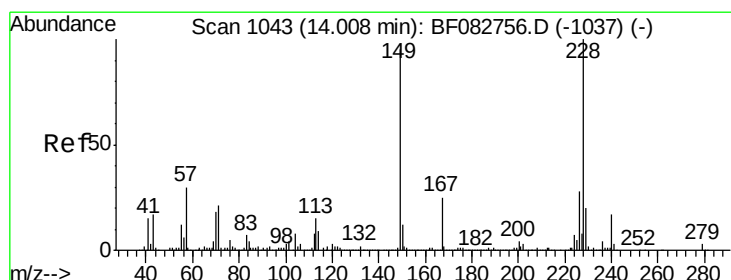
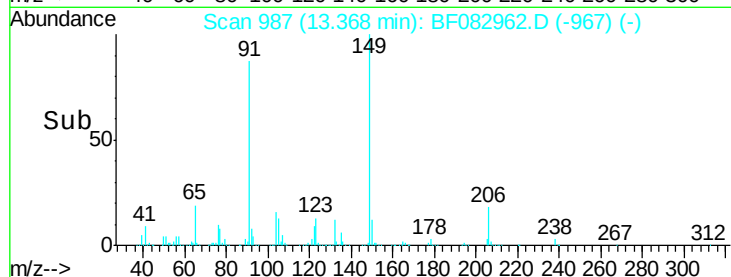
400000

200000

0

13.30 13.35 13.40

Time-->



#80

Benzo(a)anthracene

Concen: 35.83 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.08 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

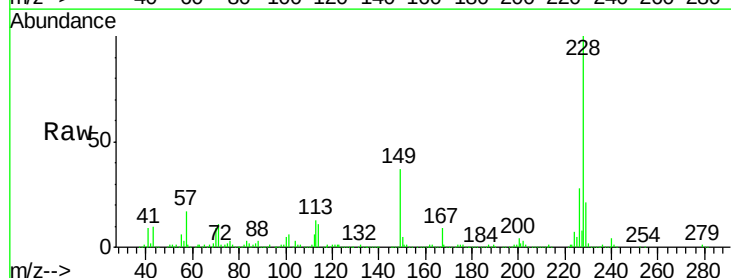
Tgt Ion:228 Resp: 1424860

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

229 20.6 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

1500000

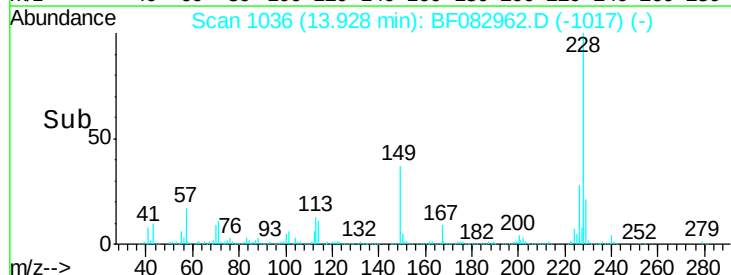
1000000

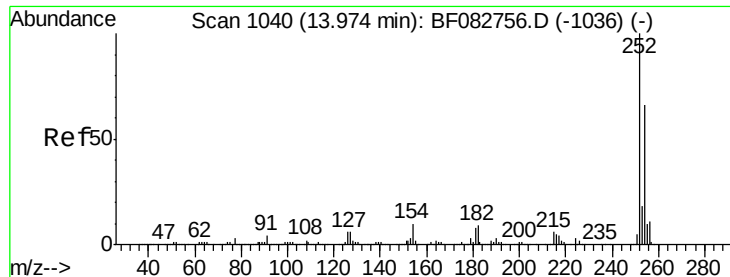
500000

0

13.85 13.90 13.95

Time-->

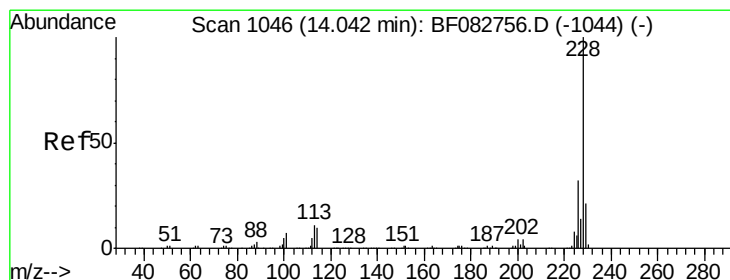
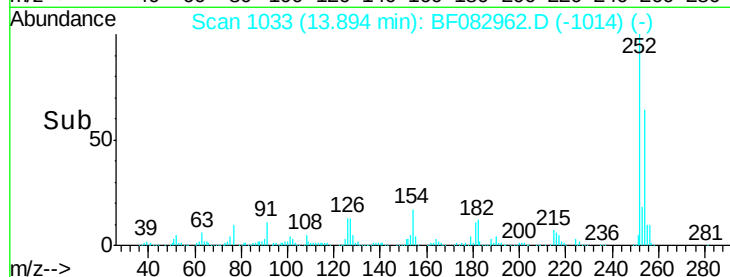
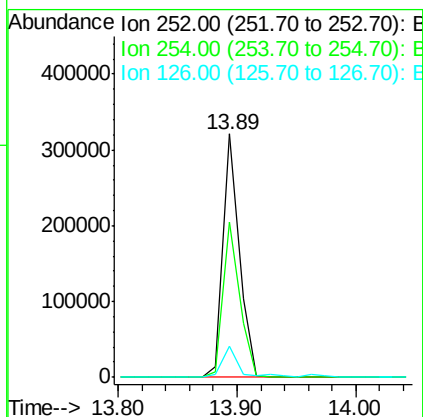
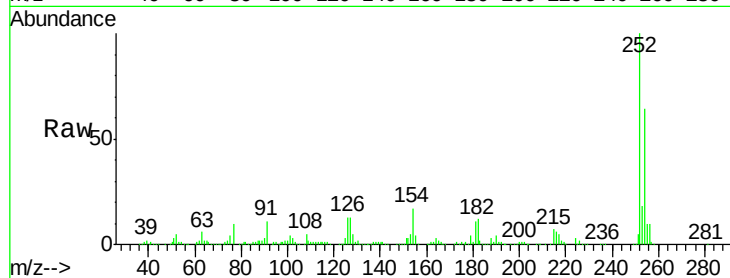




#81
 3,3'-Dichlorobenzidine
 Concen: 21.55 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

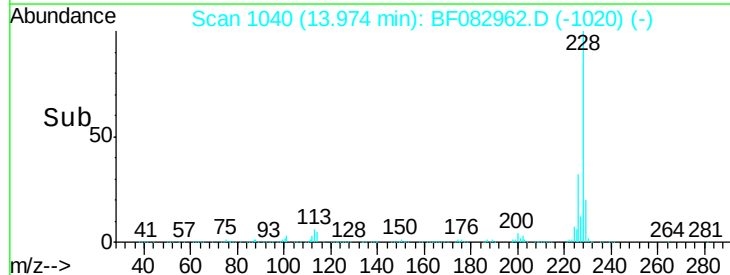
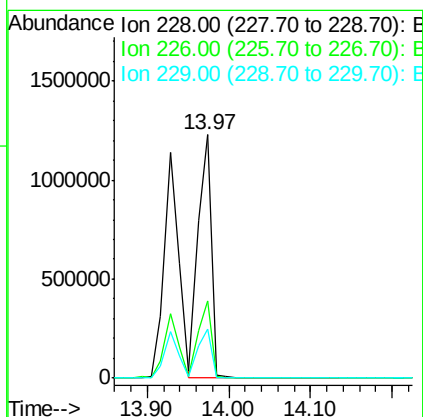
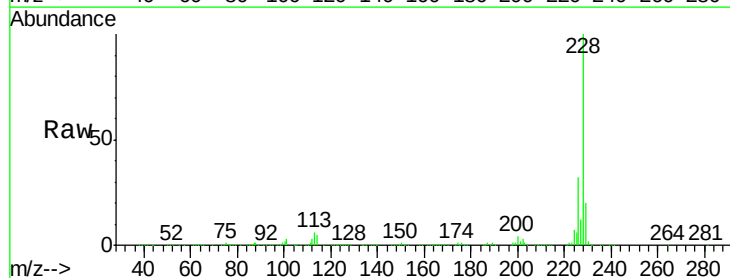
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

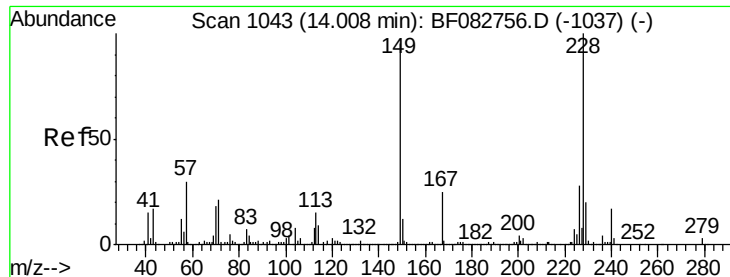
Tot Ion:252 Resp: 304660
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.0
 126 12.6 10.7 16.1



#82
 Chrysene
 Concen: 38.84 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion:228 Resp: 1414979
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.3 16.3 24.5

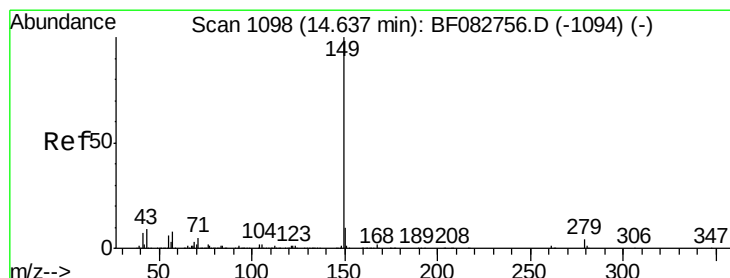
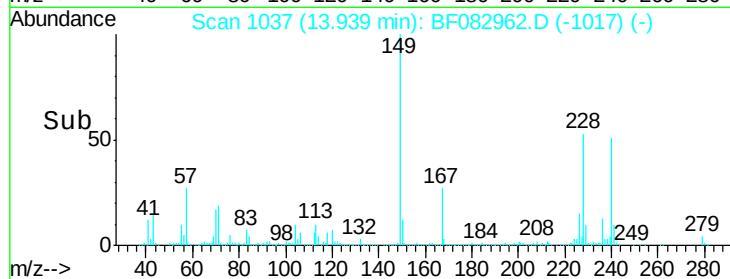
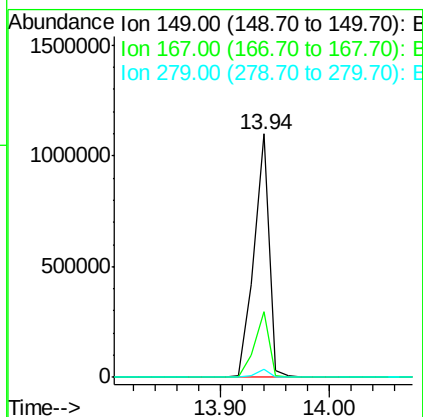
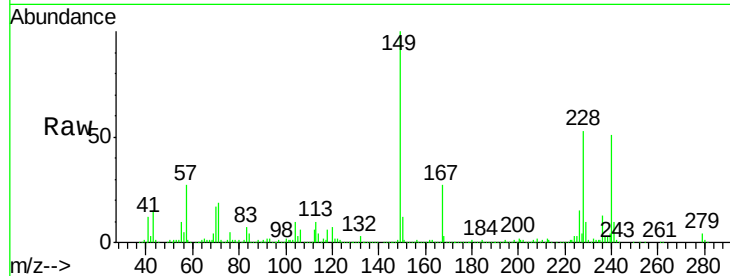




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.57 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.07 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

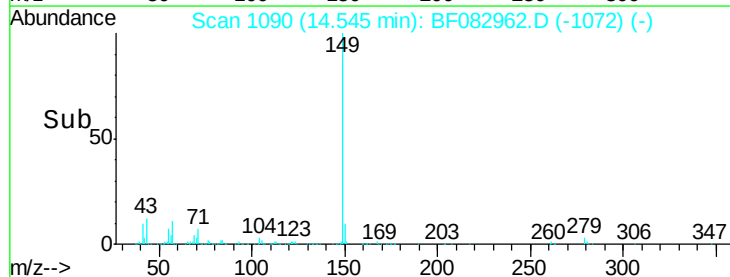
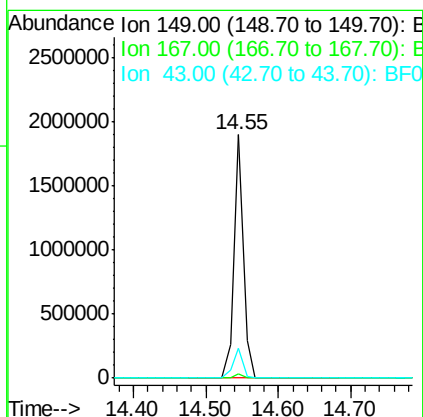
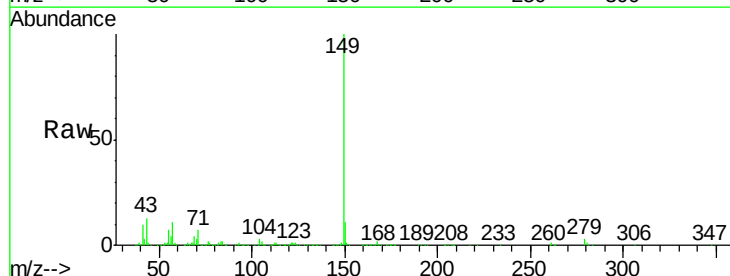
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

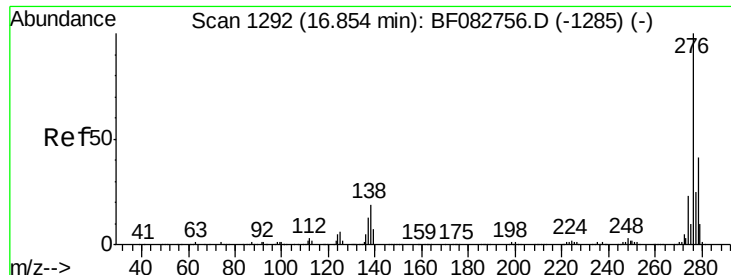
Tot Ion:149 Resp: 1071531
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 3.6 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 38.47 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.09 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Tgt Ion:149 Resp: 1694920
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.6 10.1 15.1

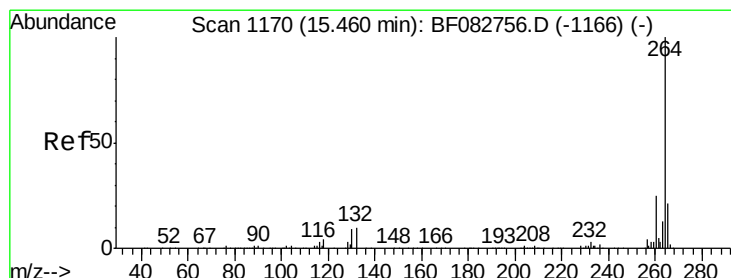
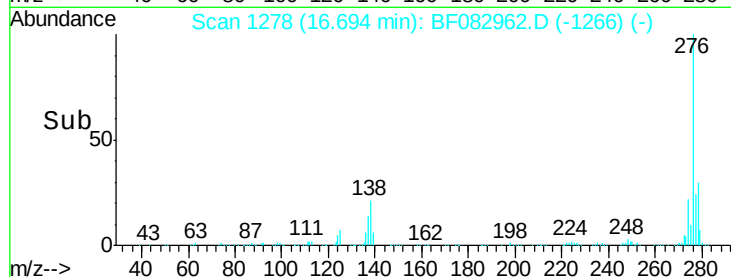
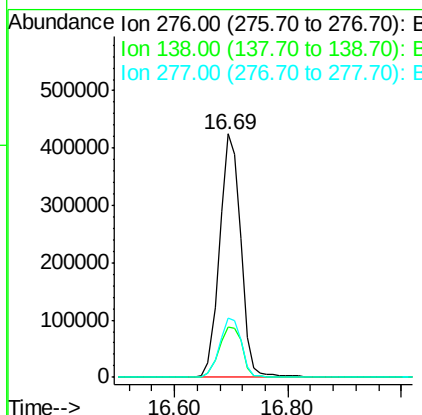
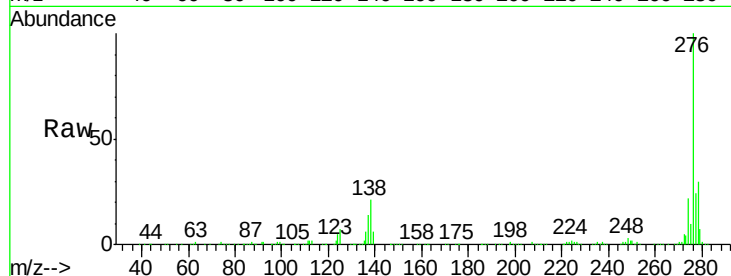




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.37 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.16 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

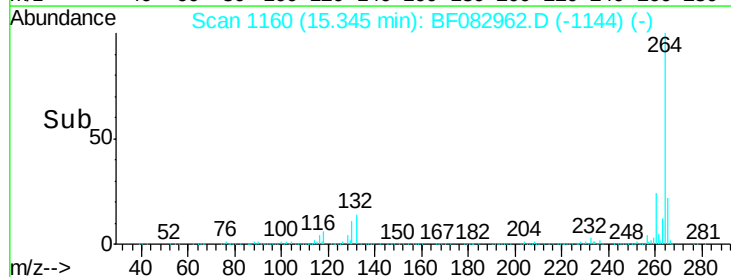
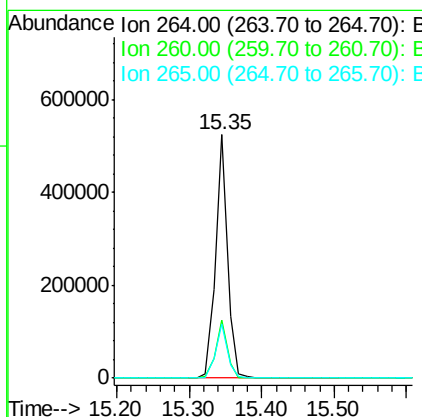
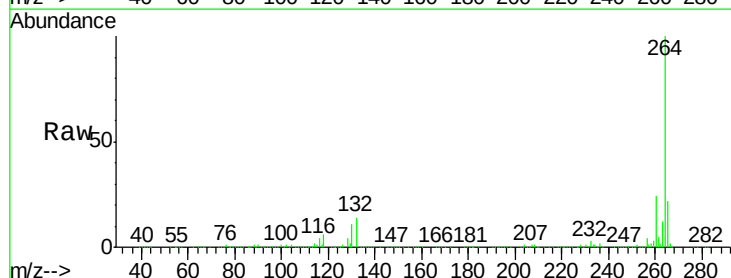
Instrument :
BNA_F
ClientSampleId :
PB86680BSD

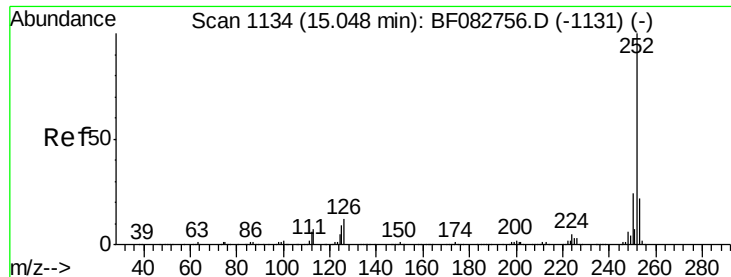
Tot Ion:276 Resp: 1109489
Ion Ratio Lower Upper
276 100
138 22.7 15.3 22.9
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.11 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:264 Resp: 603356
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 22.1 17.4 26.0

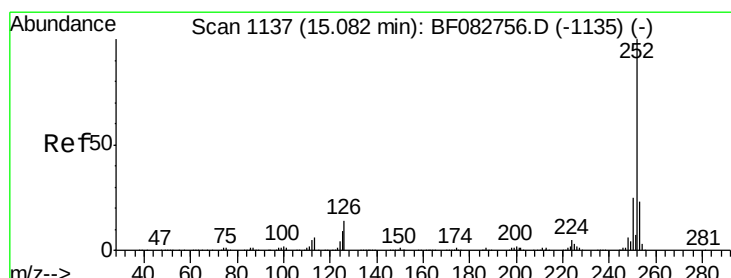
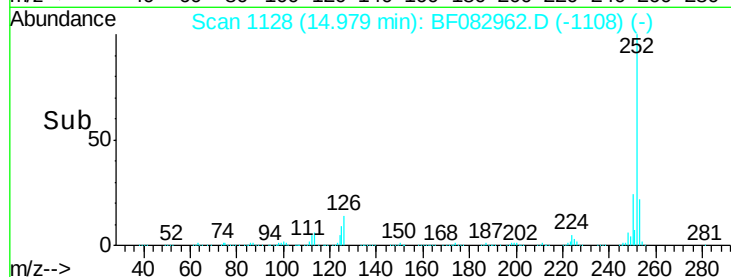
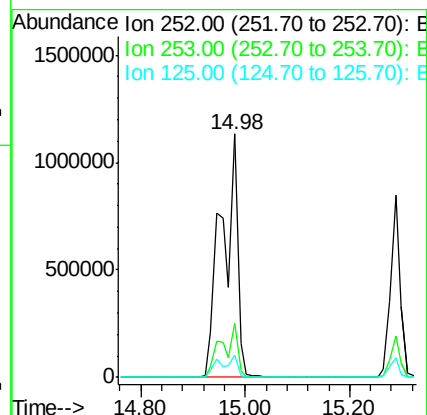
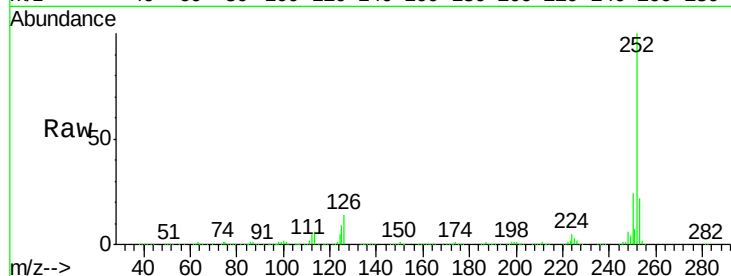




#87
Benzo(b)fluoranthene
Concen: 61.75 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.07 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

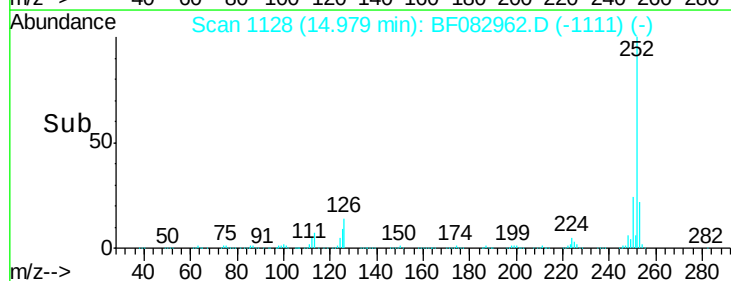
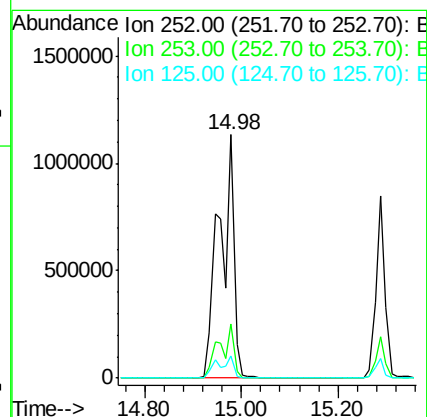
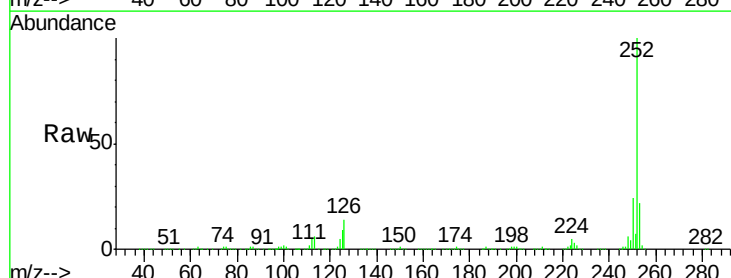
Instrument :
BNA_F
ClientSampleId :
PB86680BSD

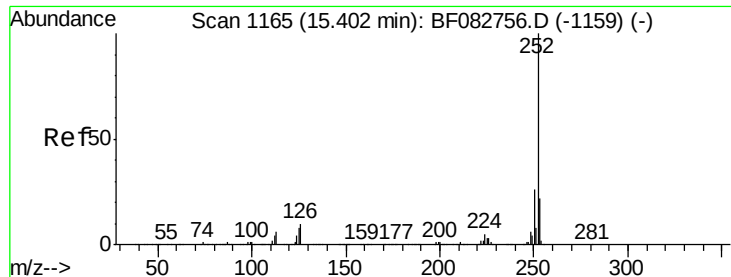
Tot Ion:252 Resp: 2391473
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.2 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 69.64 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.10 min
Lab File: BF082962.D
Acq: 17 Nov 2015 2:46

Tgt Ion:252 Resp: 2392393
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.2 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 32.93 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.11 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Instrument :

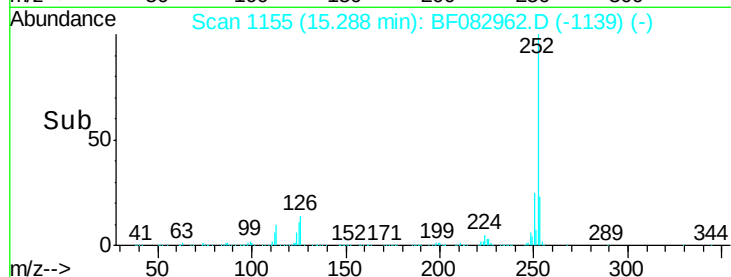
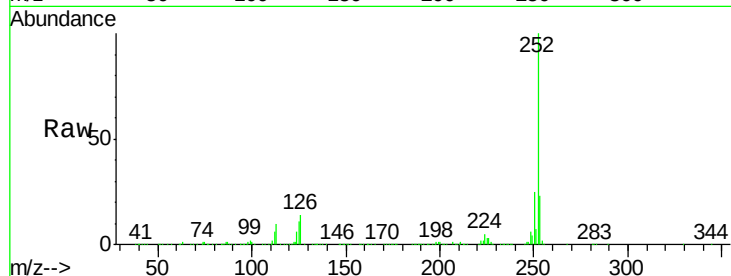
BNA_F

ClientSampleId :

PB86680BSD

Tot Ion:252 Resp: 1104855

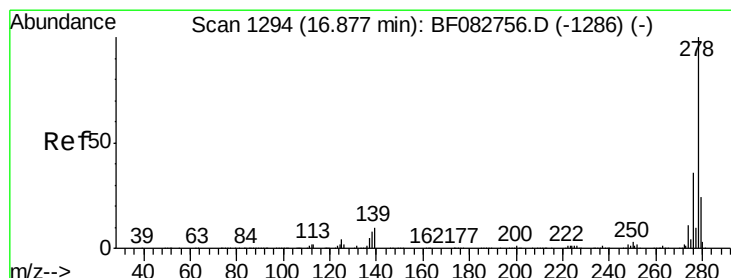
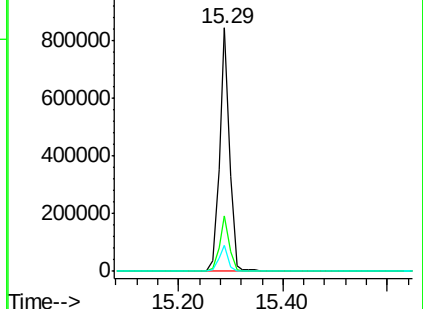
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	10.9	7.1	10.7



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



#90

Dibenzo(a,h)anthracene

Concen: 32.87 ng

RT: 16.72 min Scan# 1280

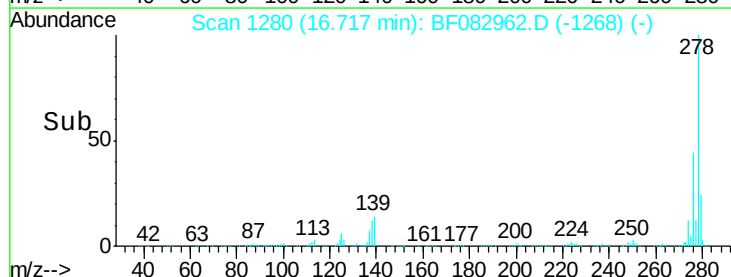
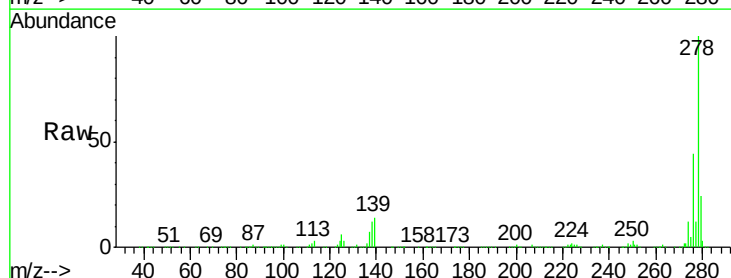
Delta R.T. -0.16 min

Lab File: BF082962.D

Acq: 17 Nov 2015 2:46

Tgt Ion:278 Resp: 933806

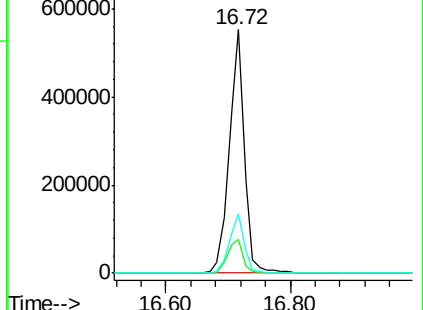
Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.9	14.9
279	24.2	19.6	29.4

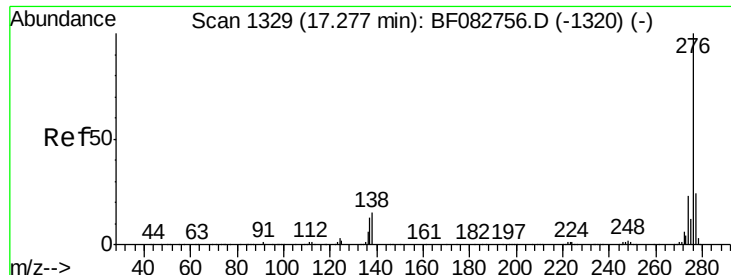


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.04 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.17 min
 Lab File: BF082962.D
 Acq: 17 Nov 2015 2:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	19.8	13.1	19.7

