

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082865.D
 Acq On : 10 Nov 2015 10:40
 Operator : UM/IZ
 Sample : G4327-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1MS

Quant Time: Nov 10 13:24:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	220213	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	820808	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	351587	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	575214	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	429453	20.00	ng	-0.02
86) Perylene-d12	15.43	264	390297	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1331164	94.05	ng	0.00
7) Phenol-d6	6.48	99	1819251	96.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	1330050	70.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	287916	71.42	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1463471	59.66	ng	-0.02
78) Terphenyl-d14	12.95	244	1160128	64.07	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	224623	36.78	ng	98
3) Pyridine	3.21	79	634558	35.81	ng	95
4) n-Nitrosodimethylamine	3.15	42	299829	34.11	ng	# 73
6) Aniline	6.49	93	446048	16.88	ng	# 1
8) 2-Chlorophenol	6.62	128	542670	34.59	ng	98
9) Benzaldehyde	6.37	77	54404	5.23	ng	79
10) Phenol	6.49	94	595275	27.88	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	563578	35.30	ng	91
12) 1,3-Dichlorobenzene	6.77	146	586617m	33.15	ng	
13) 1,4-Dichlorobenzene	6.85	146	613624m	33.33	ng	
14) 1,2-Dichlorobenzene	7.00	146	525310	31.38	ng	96
15) Benzyl Alcohol	6.98	79	535288	32.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	814795	34.79	ng	98
17) 2-Methylphenol	7.10	107	441186	33.20	ng	98
18) Hexachloroethane	7.34	117	191531	29.09	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	406701	29.40	ng	88
20) 3+4-Methylphenols	7.25	107	550264	31.85	ng	# 67
22) Acetophenone	7.24	105	759668	32.30	ng	# 97
24) Nitrobenzene	7.41	77	577753	29.95	ng	# 89
25) Isophorone	7.65	82	1096302	31.41	ng	# 97
26) 2-Nitrophenol	7.73	139	256111	31.81	ng	# 74
27) 2,4-Dimethylphenol	7.78	122	427336	29.54	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	633297	32.17	ng	98
29) 2,4-Dichlorophenol	7.98	162	466740	35.69	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	479208	32.59	ng	95
31) Naphthalene	8.14	128	1505833	33.25	ng	99
32) Benzoic acid	7.89	122	207092	20.91	ng	# 83
33) 4-Chloroaniline	8.19	127	197774	10.13	ng	# 89
34) Hexachlorobutadiene	8.27	225	287004	31.19	ng	99
35) Caprolactam	8.54	113	145518	35.30	ng	# 87
36) 4-Chloro-3-methylphenol	8.68	107	465966	30.30	ng	91
37) 2-Methylnaphthalene	8.83	142	843430	28.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	425753	36.85	ng	97
40) Hexachlorocyclopentadiene	8.99	237	159364	25.67	ng	99

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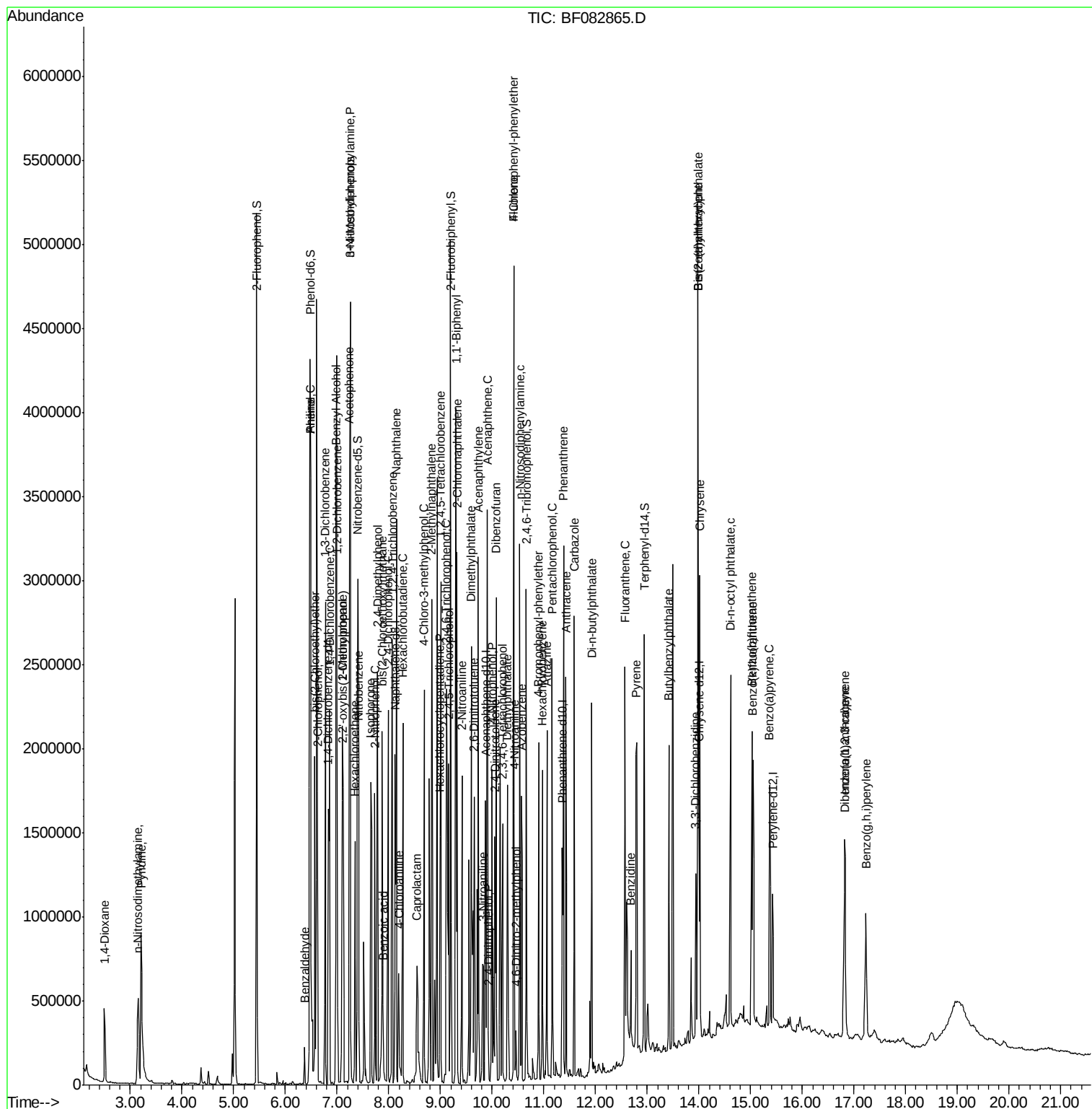
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	301222	34.93	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	317221	37.19	nq	# 81
45) 1,1'-Biphenyl	9.30	154	1117507	37.04	nq	98
46) 2-Chloronaphthalene	9.32	162	873999	37.14	nq	99
47) 2-Nitroaniline	9.41	65	311946	35.73	nq	# 81
48) Acenaphthylene	9.73	152	1233637	33.45	nq	99
49) Dimethylphthalate	9.60	163	1204204	41.80	nq	100
50) 2,6-Dinitrotoluene	9.65	165	198646	32.32	nq	93
51) Acenaphthene	9.90	154	735331	31.46	nq	99
52) 3-Nitroaniline	9.82	138	159266	23.56	nq	# 61
53) 2,4-Dinitrophenol	9.93	184	48732	14.44	nq	# 8
54) Dibenzofuran	10.08	168	1033633	32.80	nq	93
55) 4-Nitrophenol	10.00	139	362367	69.88	nq	# 85
56) 2,4-Dinitrotoluene	10.05	165	255535	30.64	nq	92
57) Fluorene	10.42	166	780593	30.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	238624	34.28	nq	# 85
59) Diethylphthalate	10.29	149	936807	33.31	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	403925	31.63	nq	94
61) 4-Nitroaniline	10.43	138	183524	27.00	nq	# 76
62) Azobenzene	10.57	77	989456	32.75	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	42611	10.40	nq	99
65) n-Nitrosodiphenylamine	10.53	169	753606	36.27	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	221286	31.95	nq	# 71
67) Hexachlorobenzene	10.97	284	232915	30.12	nq	# 86
68) Atrazine	11.06	200	208492	32.45	nq	96
69) Pentachlorophenol	11.16	266	260129	55.39	nq	98
70) Phenanthrene	11.38	178	1162909	34.81	nq	99
71) Anthracene	11.43	178	1097759	31.20	nq	98
72) Carbazole	11.59	167	1072283	34.81	nq	97
73) Di-n-butylphthalate	11.93	149	1286521	33.52	nq	# 96
74) Fluoranthene	12.57	202	1181812	32.97	nq	96
76) Benzidine	12.68	184	175436	12.19	nq	99
77) Pyrene	12.80	202	1141375	38.70	nq	97
79) Butylbenzylphthalate	13.41	149	474811	36.44	nq	94
80) Benzo(a)anthracene	13.99	228	987750	36.78	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	257788	27.00	nq	98
82) Chrysene	14.02	228	942217	38.31	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	646642	36.26	nq	99
84) Di-n-octyl phthalate	14.61	149	1158057	38.93	nq	97
85) Indeno(1,2,3-cd)pyrene	16.82	276	729178	34.42	nq	# 95
87) Benzo(b)fluoranthene	15.03	252	858300m	34.26	nq	
88) Benzo(k)fluoranthene	15.05	252	787481m	35.43	nq	
89) Benzo(a)pyrene	15.37	252	762363	35.12	nq	# 96
90) Dibenzo(a,h)anthracene	16.83	278	608252	33.09	nq	97
91) Benzo(g,h,i)perylene	17.23	276	614160	34.89	nq	# 96

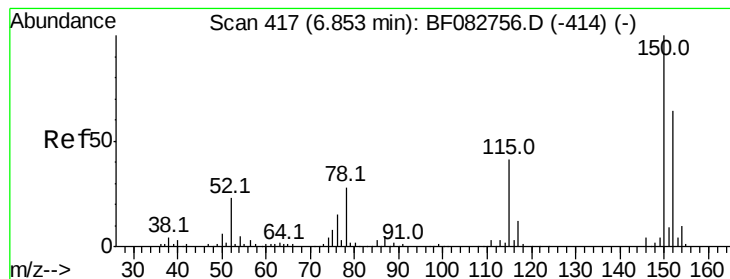
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampled :

1MS

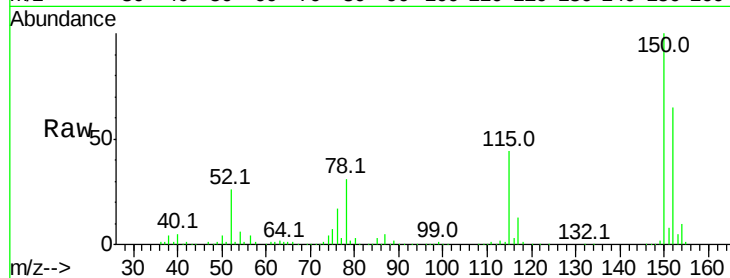
Tot Ion:152 Resp: 220213

Ion Ratio Lower Upper

152 100

150 154.9 127.0 190.4

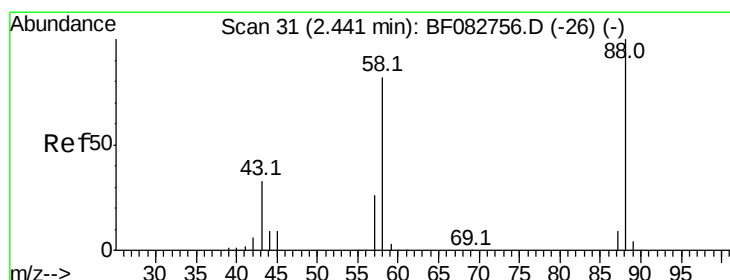
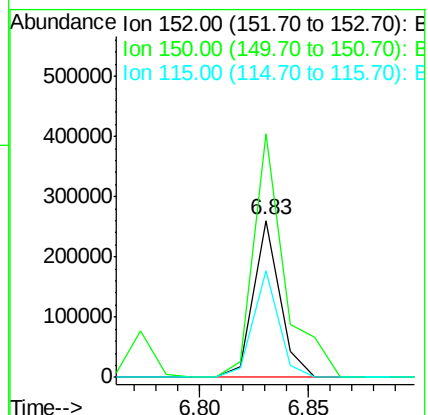
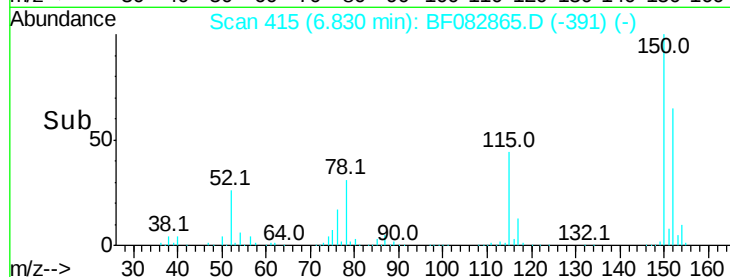
115 67.5 47.0 70.6



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: 36.78 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.06 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

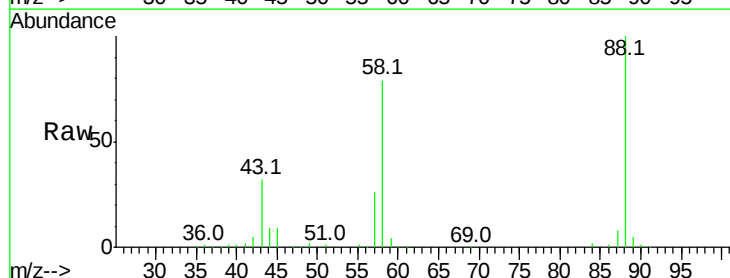
Tgt Ion: 88 Resp: 224623

Ion Ratio Lower Upper

88 100

58 76.9 62.0 93.0

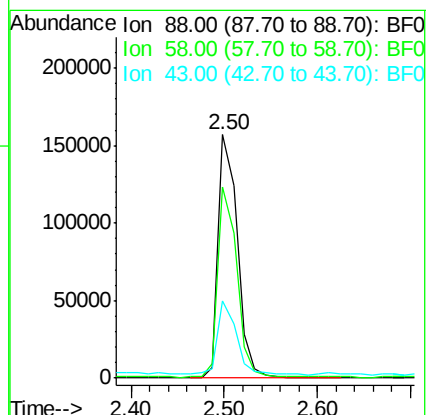
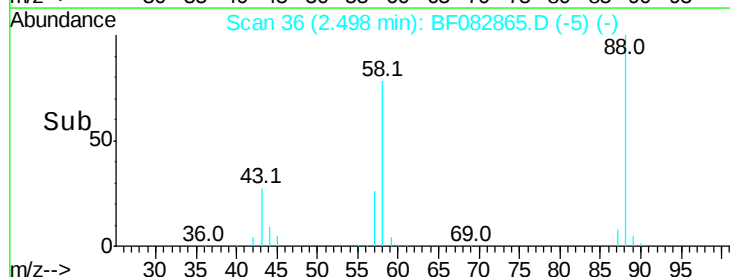
43 30.2 26.6 40.0

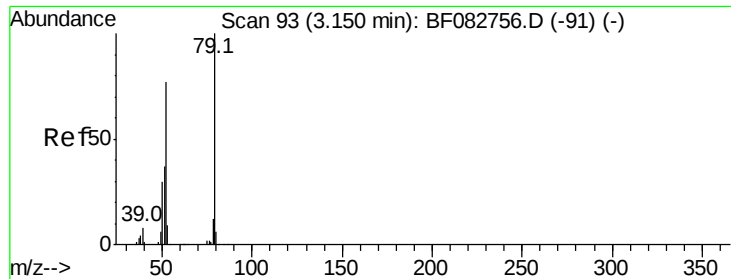


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.81 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

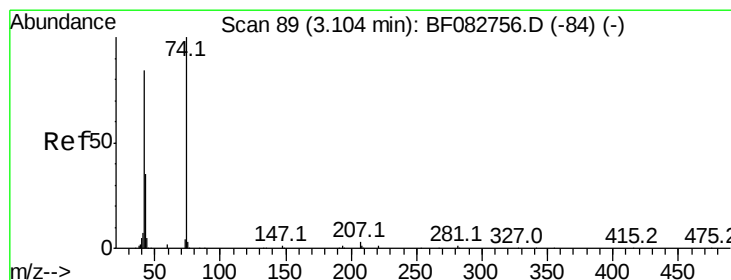
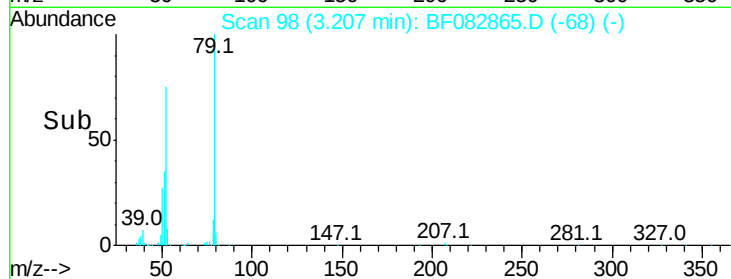
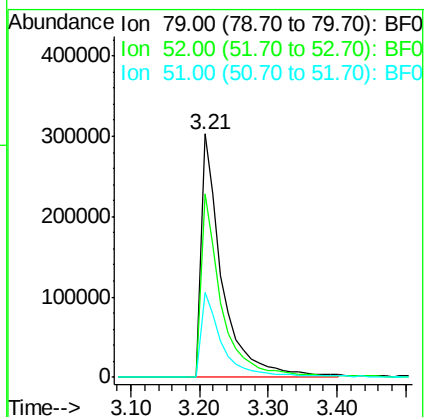
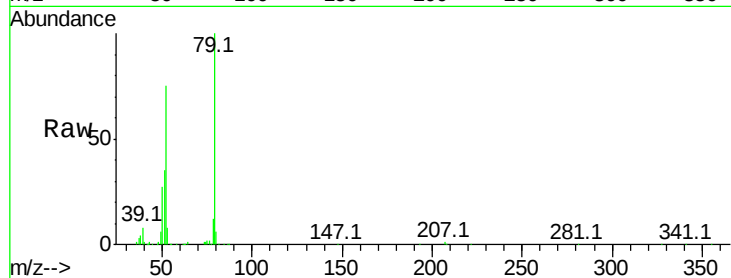
Tot Ion: 79 Resp: 634558

Ion Ratio Lower Upper

79 100

52 75.1 62.8 94.2

51 34.8 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 34.11 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.06 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

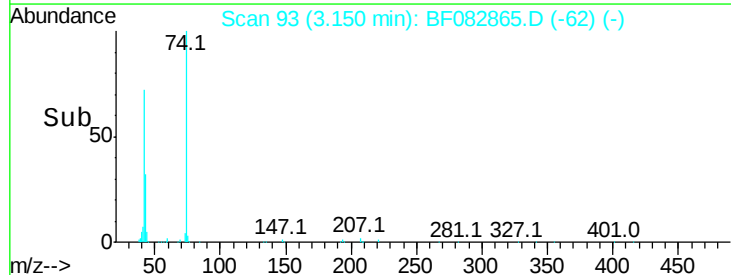
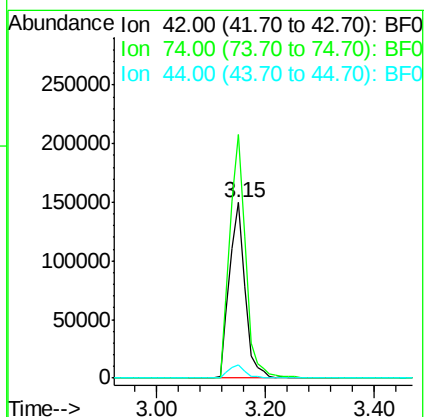
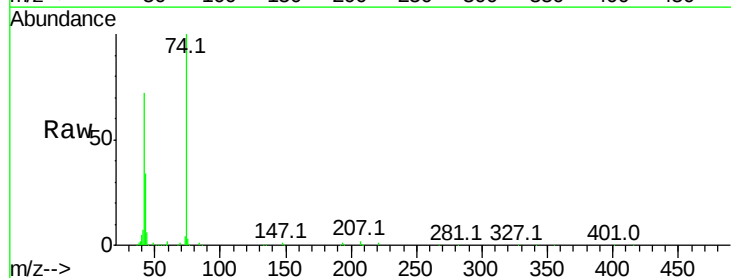
Tgt Ion: 42 Resp: 299829

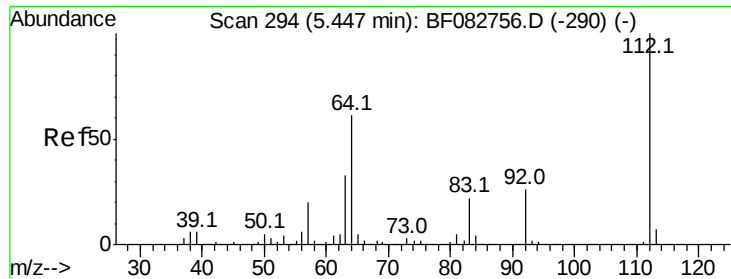
Ion Ratio Lower Upper

42 100

74 138.6 87.0 130.4#

44 7.9 5.8 8.8





#5

2-Fluorophenol

Concen: 94.05 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

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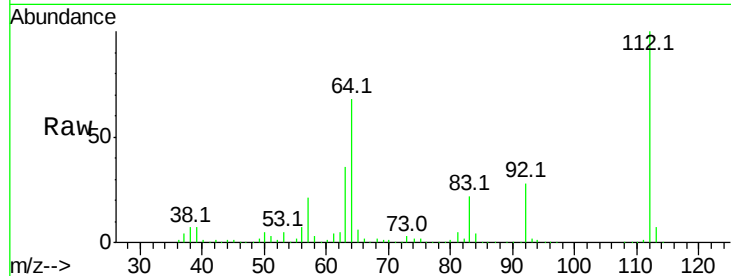
Tot Ion:112 Resp: 1331164

Ion Ratio Lower Upper

112 100

64 68.0 48.9 73.3

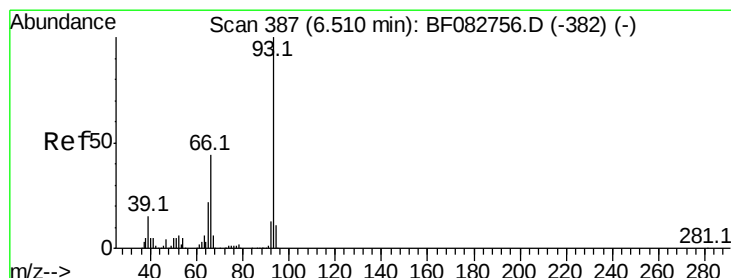
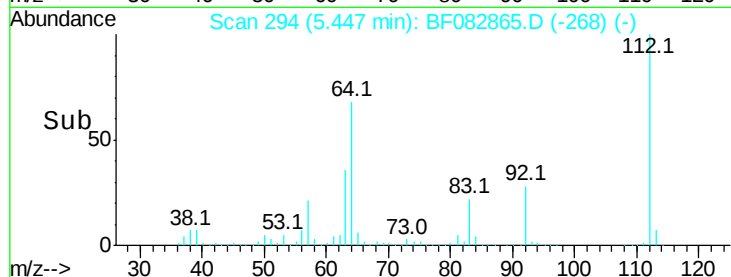
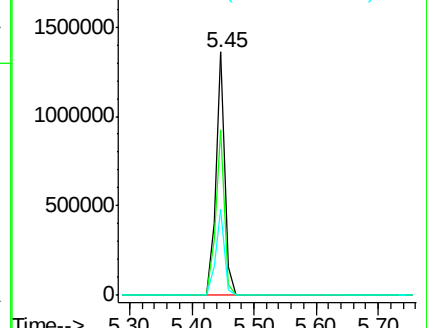
63 35.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.88 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

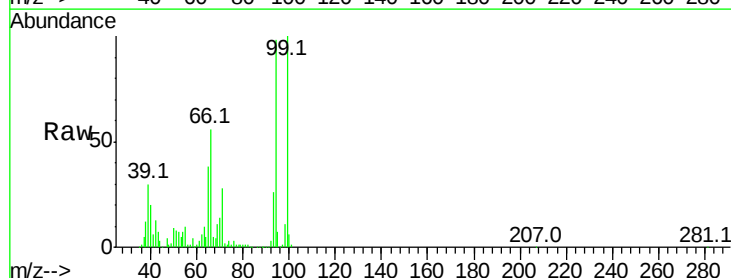
Tgt Ion: 93 Resp: 446048

Ion Ratio Lower Upper

93 100

66 211.1 33.6 50.4#

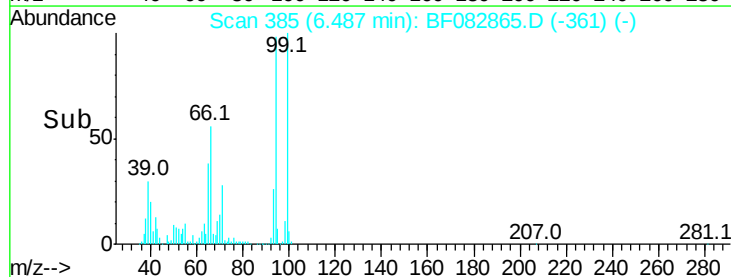
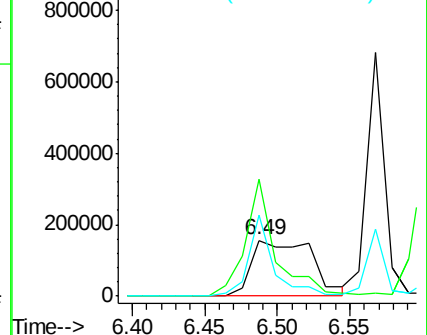
65 144.9 18.1 27.1#

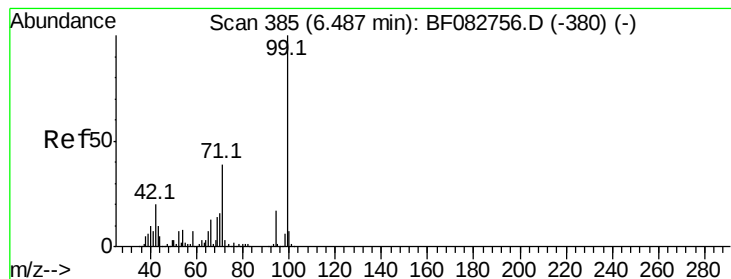


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.69 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082865.D

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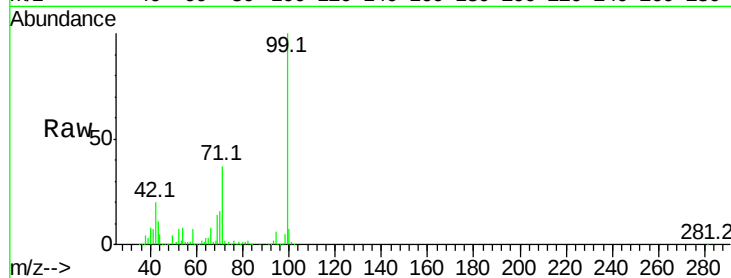
Tot Ion: 99 Resp: 1819251

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

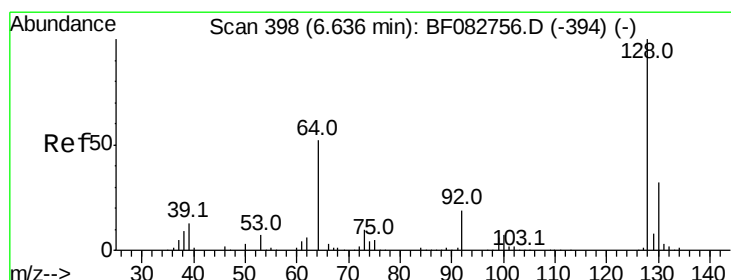
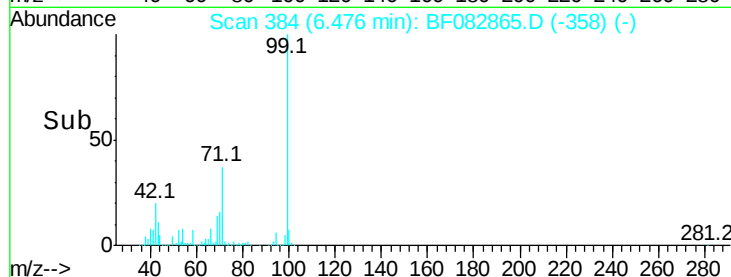
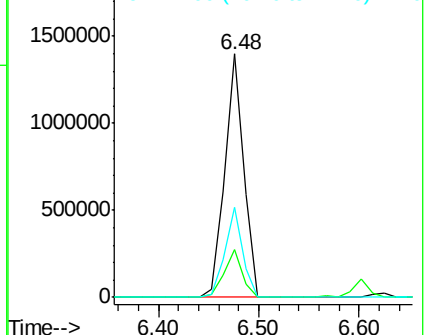
71 36.7 35.0 52.4



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: 34.59 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

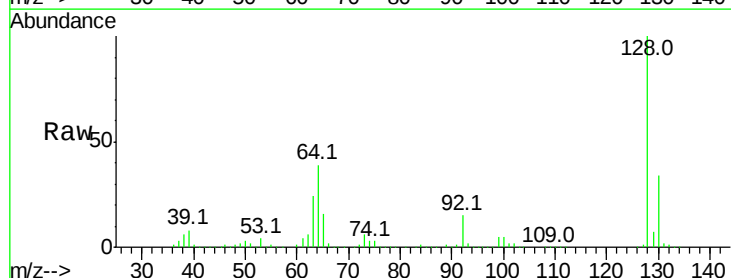
Tgt Ion: 128 Resp: 542670

Ion Ratio Lower Upper

128 100

130 33.9 13.5 53.5

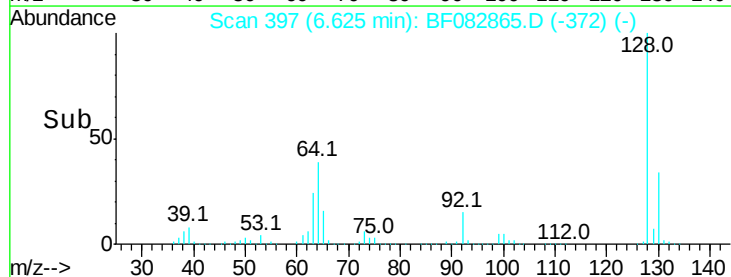
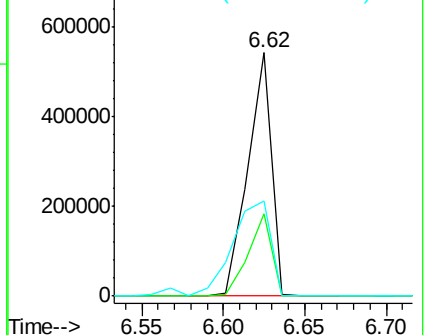
64 39.1 21.1 61.1

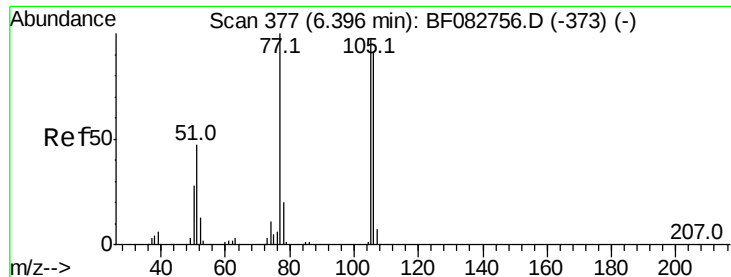


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyd

Concen: 5.23 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

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1MS

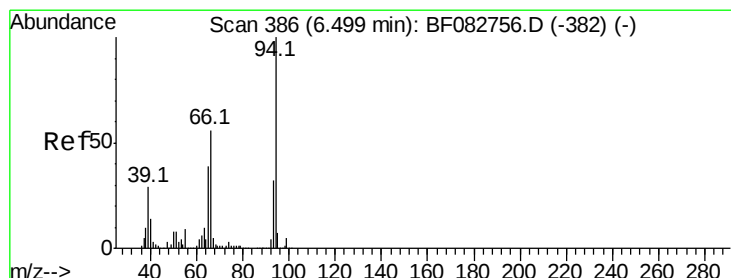
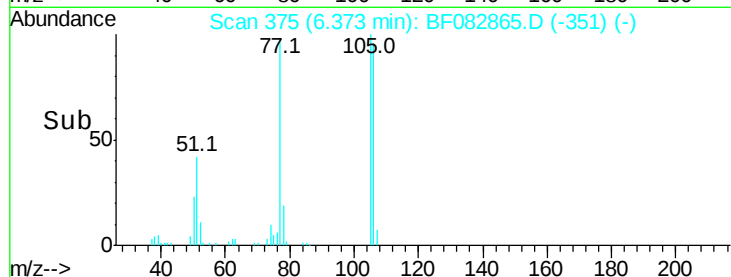
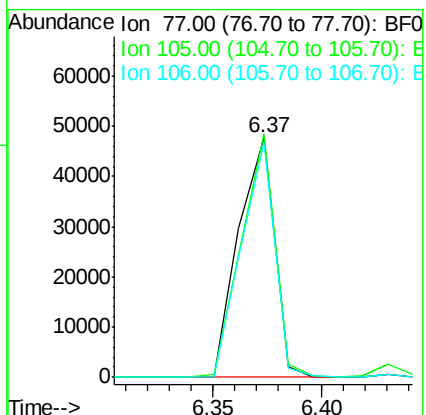
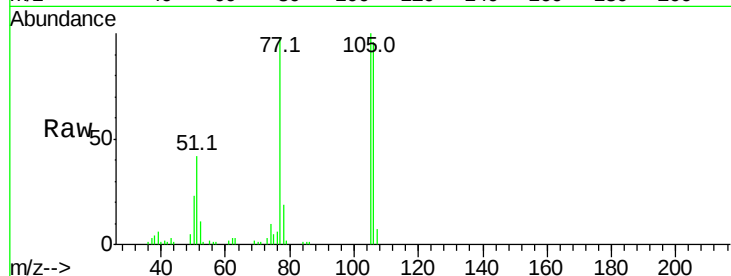
Tot Ion: 77 Resp: 54404

Ion Ratio Lower Upper

77 100

105 101.8 63.5 103.5

106 98.0 59.3 99.3



#10

Phenol

Concen: 27.88 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

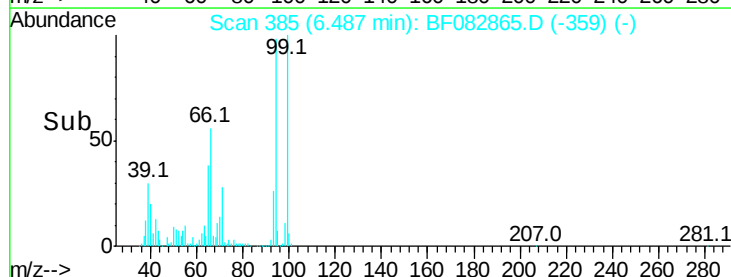
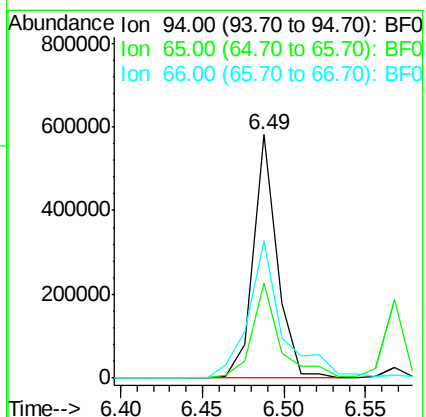
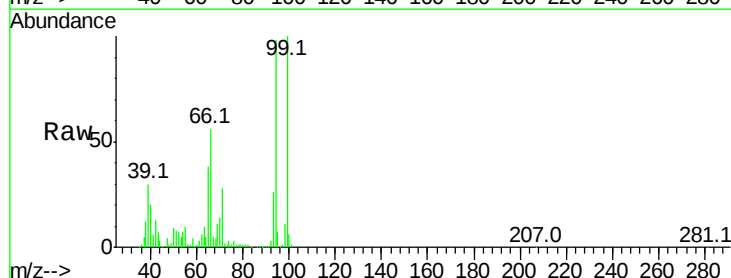
Tgt Ion: 94 Resp: 595275

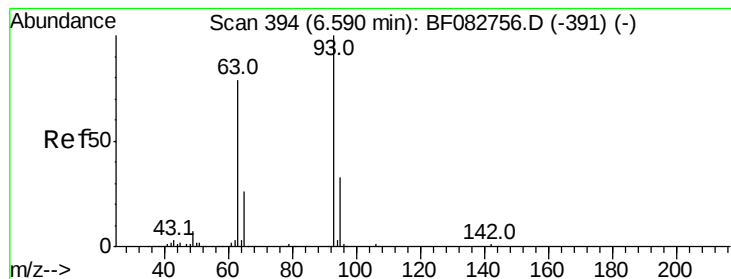
Ion Ratio Lower Upper

94 100

65 38.8 18.9 58.9

66 56.6 34.9 74.9

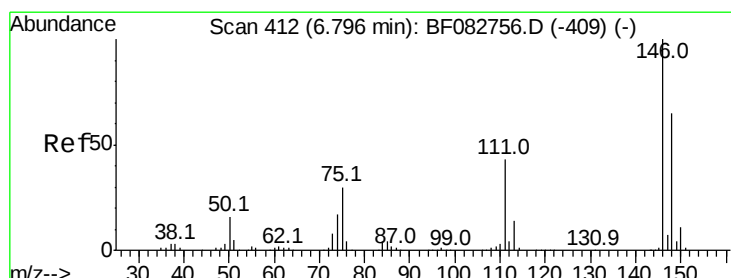
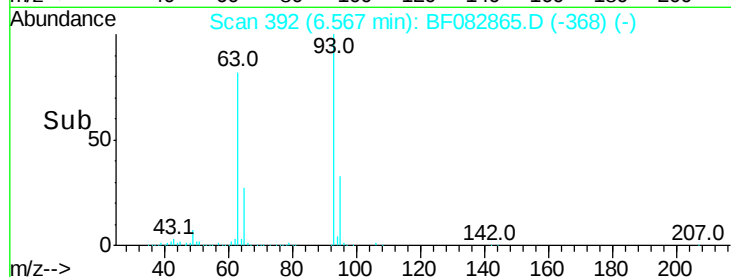
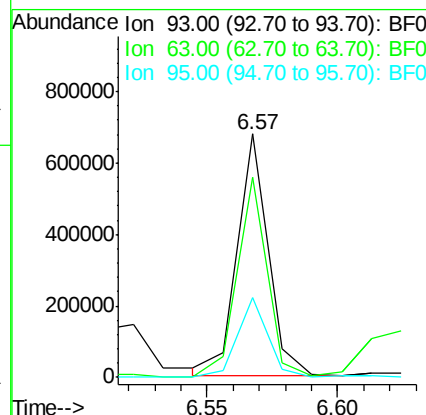
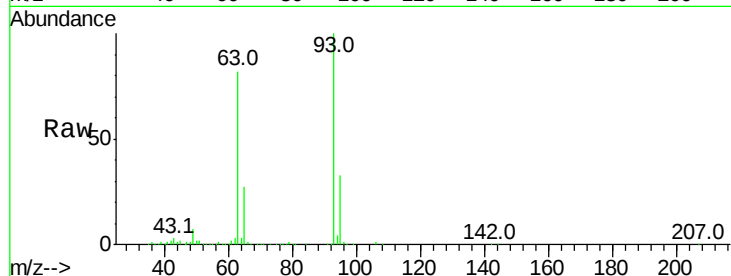




#11
bis(2-Chloroethyl)ether
Concen: 35.30 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

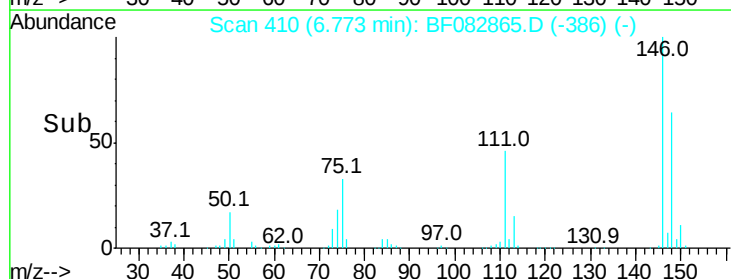
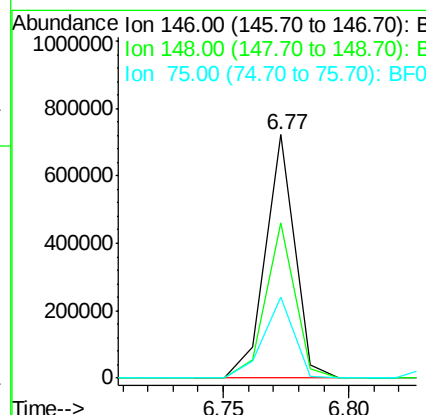
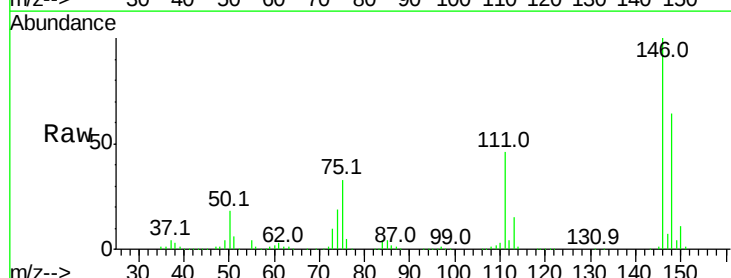
Instrument :
BNA_F
ClientSampleId :
1MS

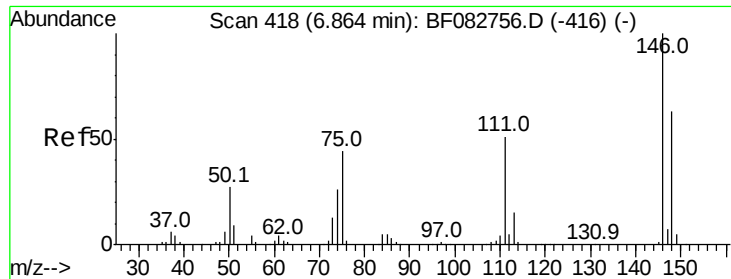
Tot Ion: 93 Resp: 563578
Ion Ratio Lower Upper
93 100
63 82.2 72.7 112.7
95 32.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 33.15 ng m
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion: 146 Resp: 586617
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 33.4 39.5 59.3#

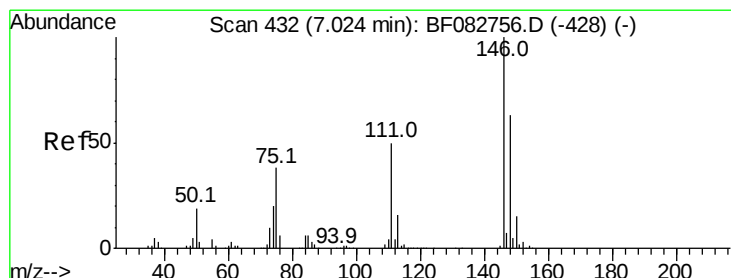
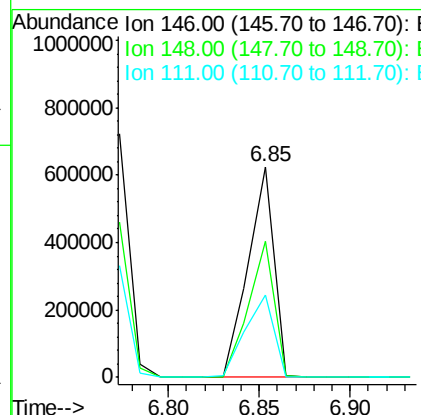
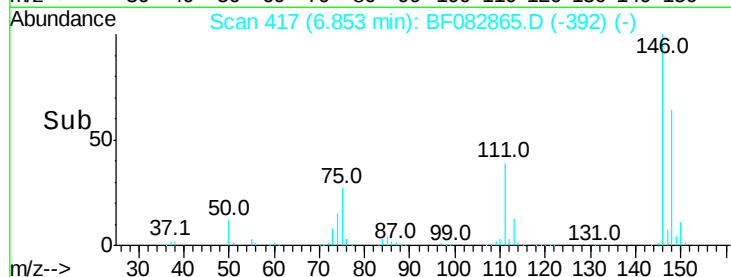
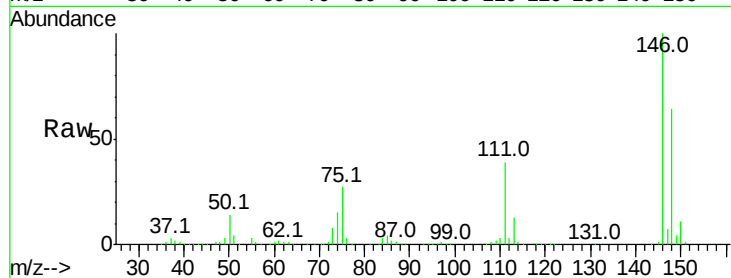




#13
 1,4-Dichlorobenzene
 Concen: 33.33 ng m
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

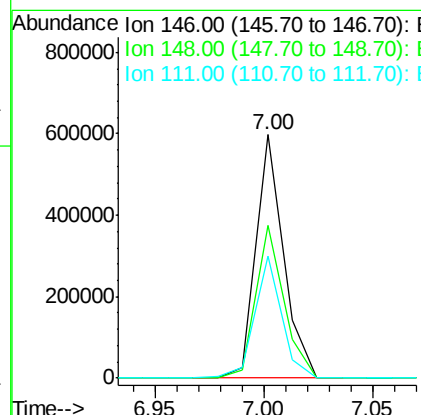
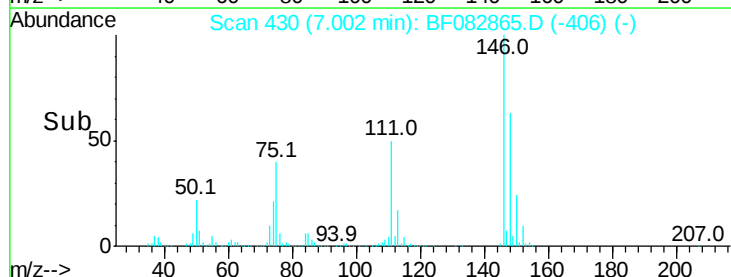
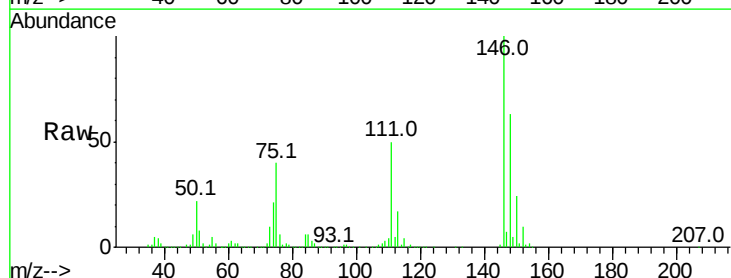
Instrument :
 BNA_F
 ClientSampleId :
 1MS

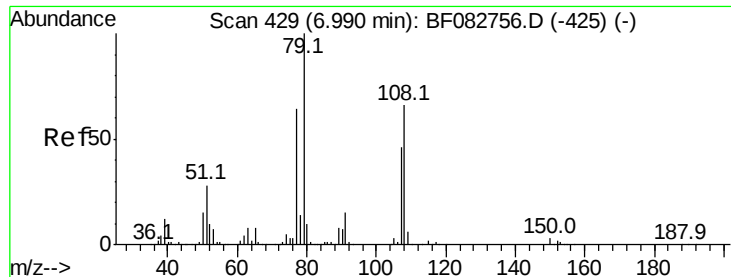
Tot Ion:146 Resp: 613624
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 39.2 40.6 60.8#



#14
 1,2-Dichlorobenzene
 Concen: 31.38 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion:146 Resp: 525310
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.4
 111 49.9 36.6 55.0





#15

Benzyl Alcohol

Concen: 32.40 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

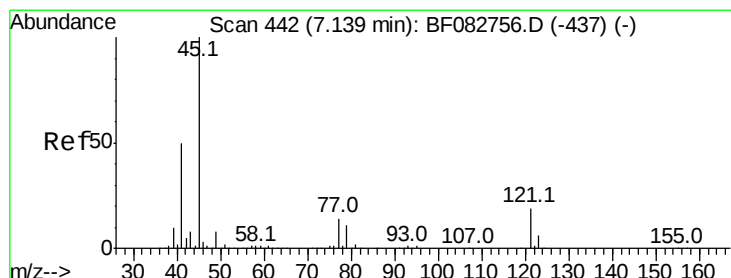
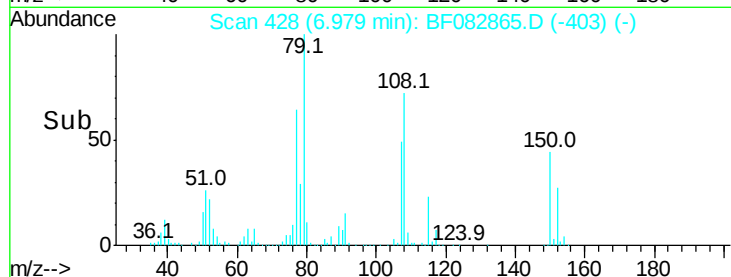
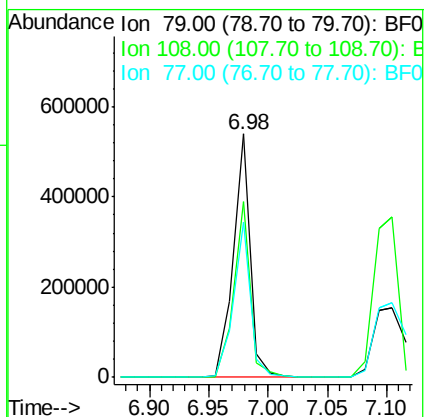
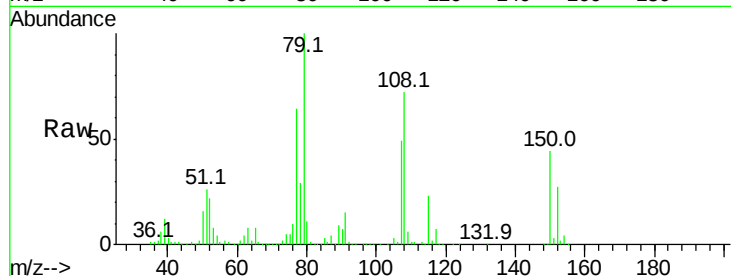
Tot Ion: 79 Resp: 535288

Ion Ratio Lower Upper

79 100

108 72.1 52.2 78.4

77 63.6 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.79 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

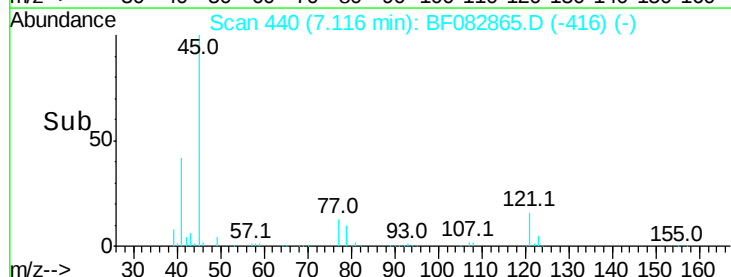
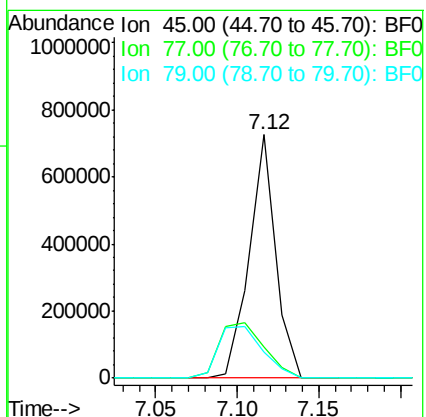
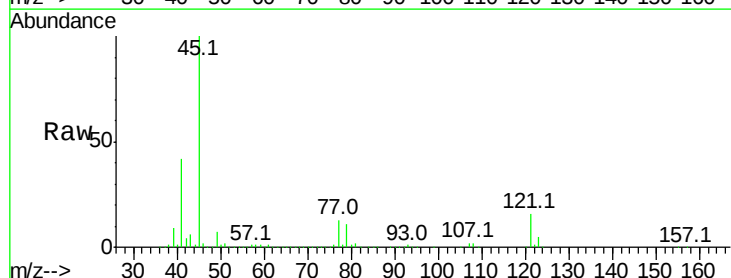
Tgt Ion: 45 Resp: 814795

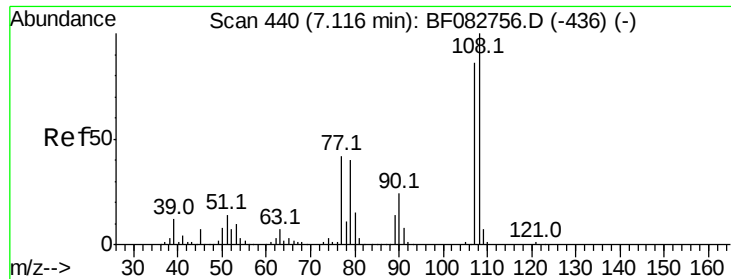
Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.6

79 10.6 0.0 29.2





#17

2-Methylphenol

Concen: 33.20 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

Tot Ion:107 Resp: 441186

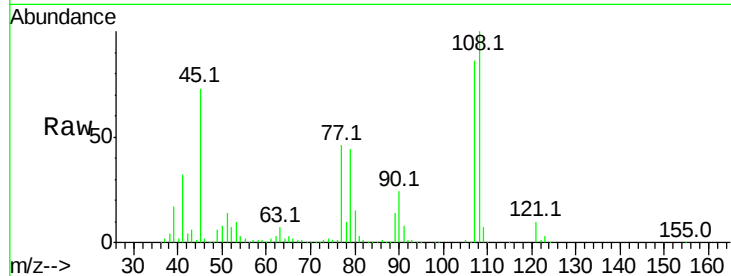
Ion Ratio Lower Upper

107 100

108 115.7 93.0 139.4

77 53.3 44.1 66.1

79 50.4 43.6 65.4

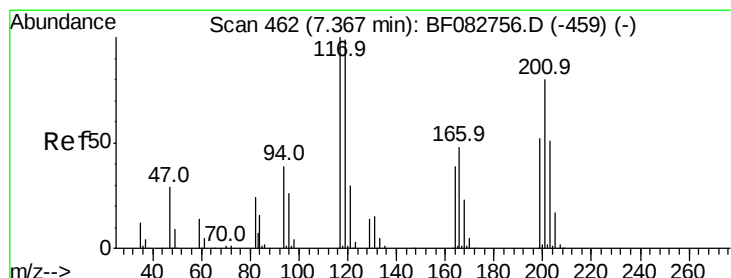
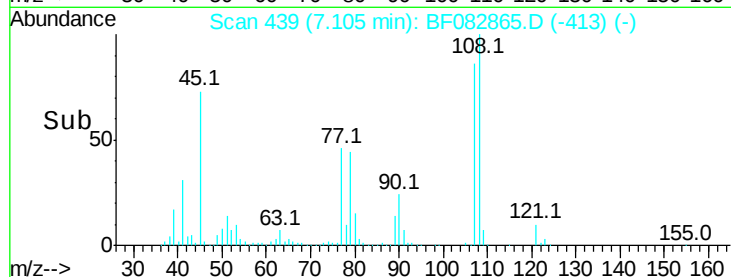
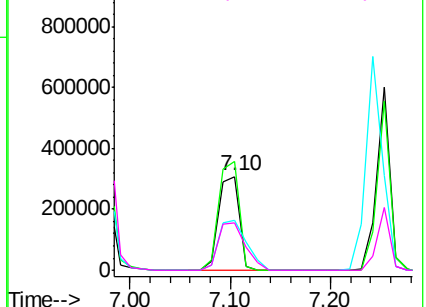


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.09 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

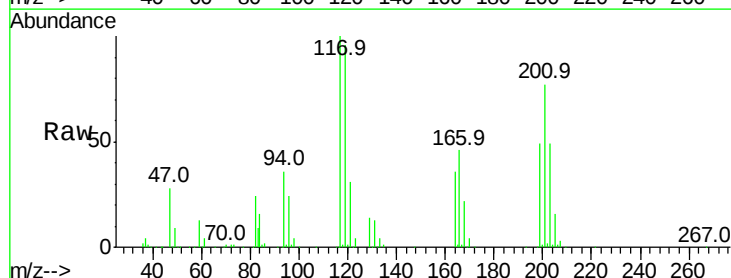
Tgt Ion:117 Resp: 191531

Ion Ratio Lower Upper

117 100

119 96.3 77.7 116.5

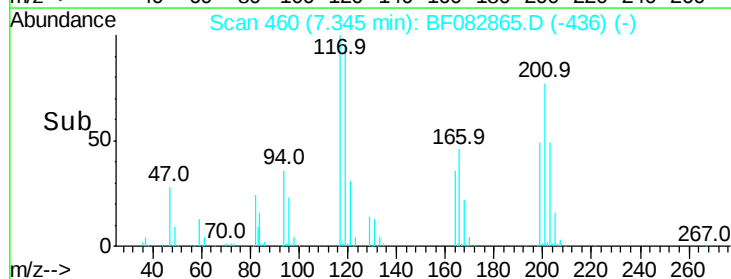
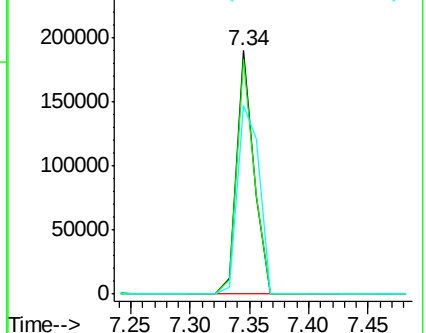
201 77.3 66.7 100.1

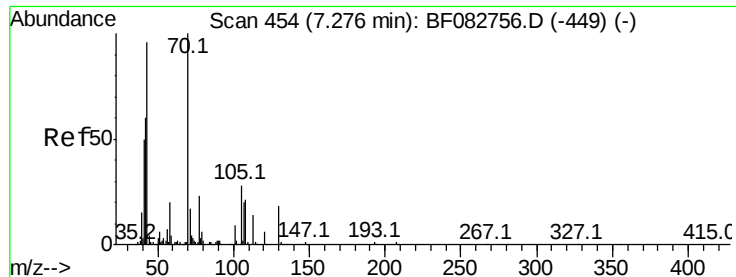


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

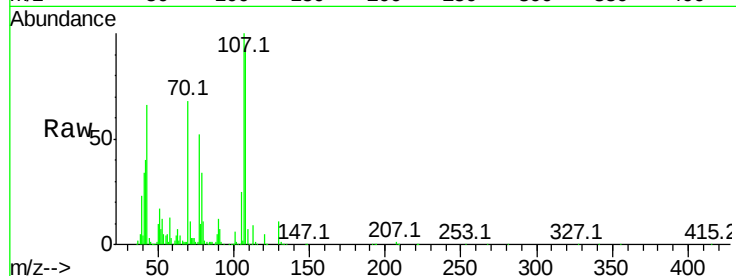




#19
n-Nitroso-di-n-propylamine
Concen: 29.40 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Instrument :
BNA_F
ClientSampleId :
1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.3	57.7	86.5
101	8.6	7.0	10.6
130	16.8	11.8	17.6



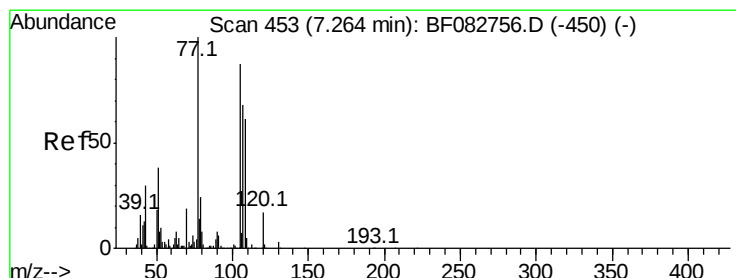
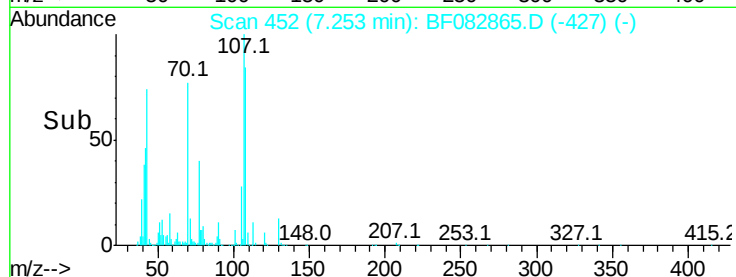
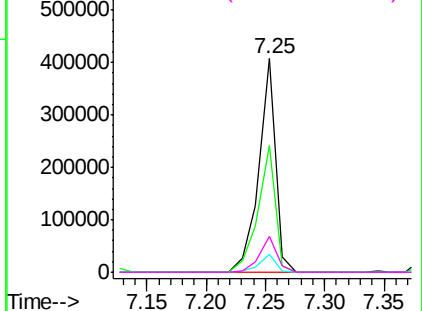
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 31.85 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.3	107.3
77	51.9	100.3	140.3#
79	34.2	16.2	56.2

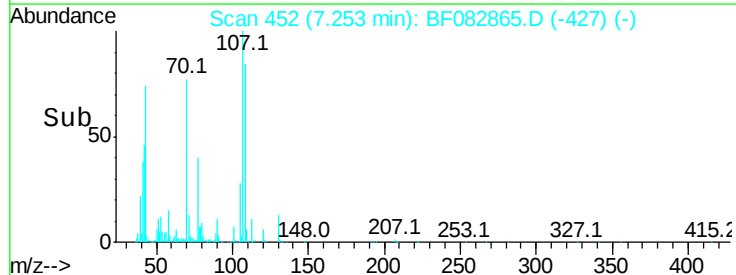
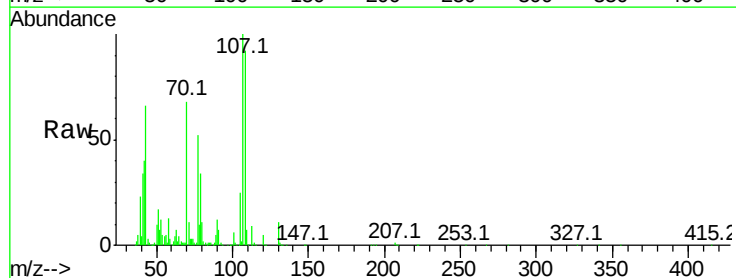
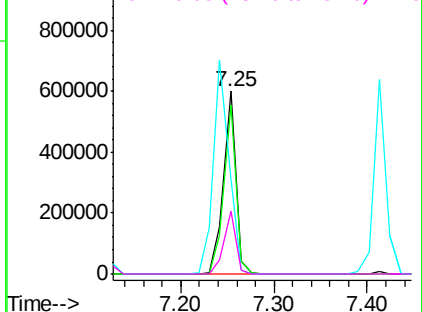
Abundance

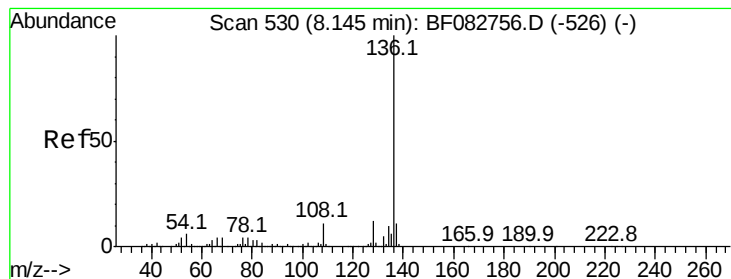
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

Tot Ion:136 Resp: 820808

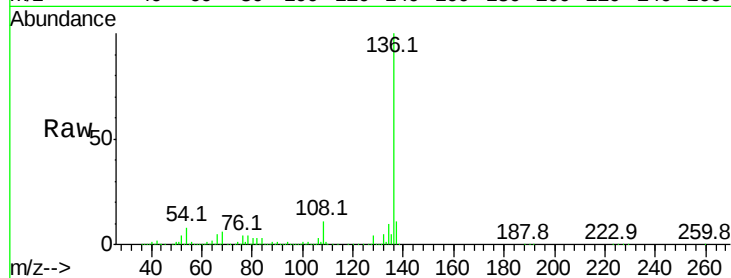
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.8 9.1 13.7#

68 5.9 4.8 7.2

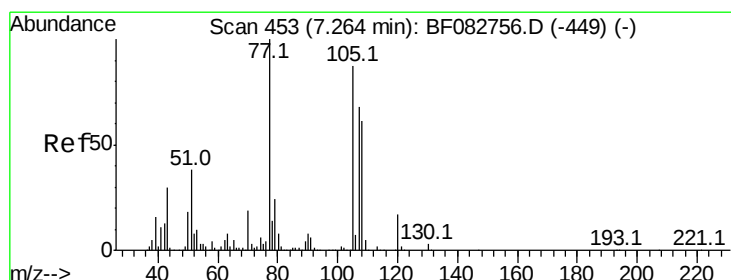
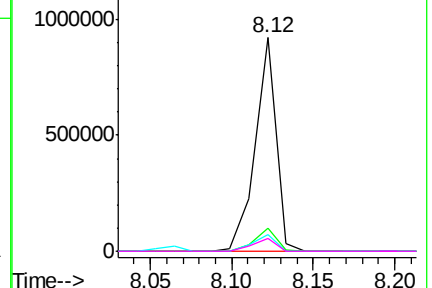
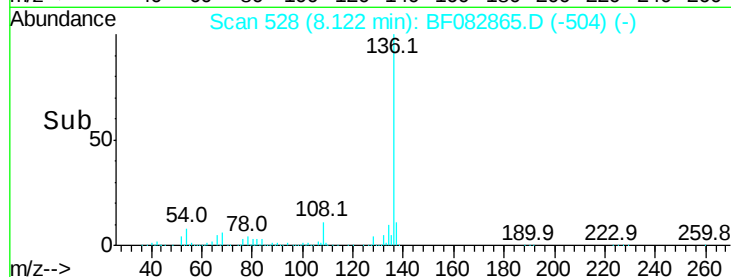


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.30 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Tgt Ion:105 Resp: 759668

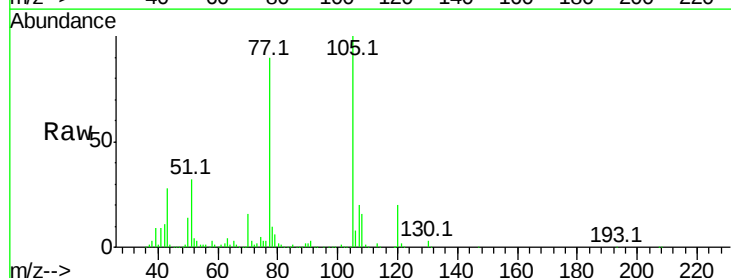
Ion Ratio Lower Upper

105 100

71 2.8 5.6 8.4#

51 32.4 24.9 37.3

120 20.4 15.8 23.8

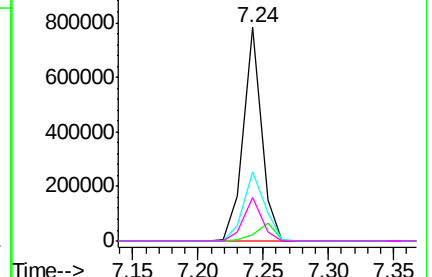
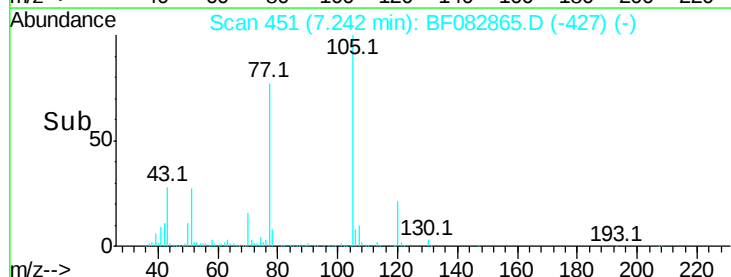


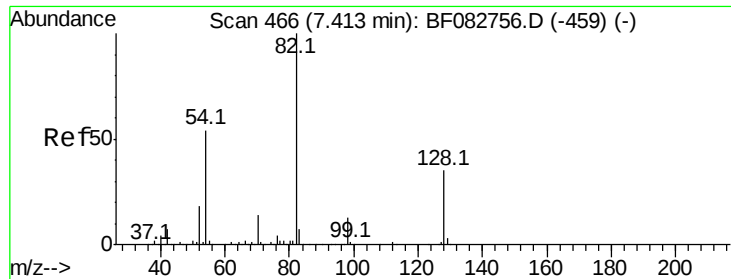
Abundance Ion 105.00 (104.70 to 105.70): E

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



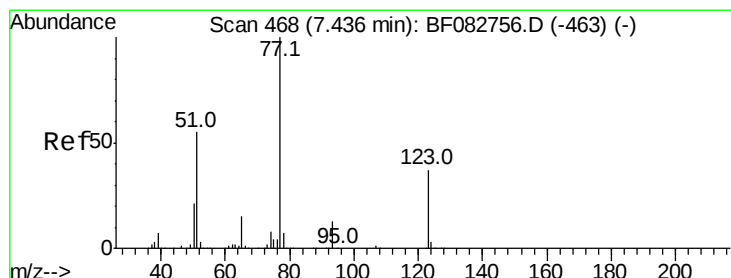
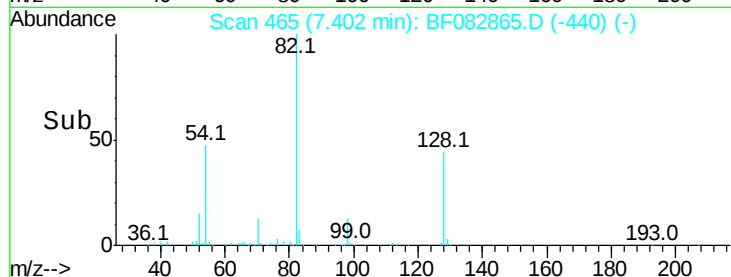
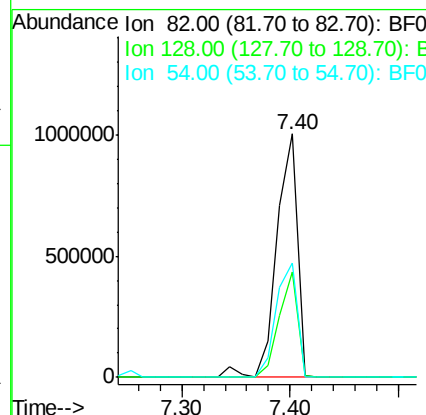
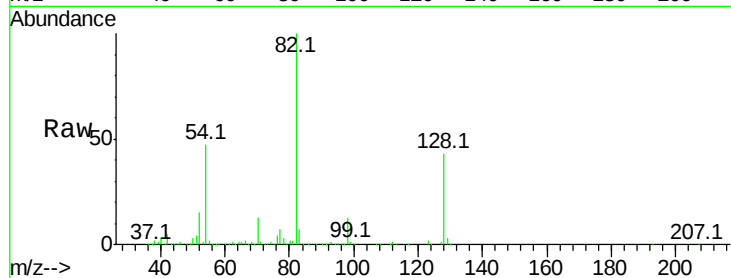


#23
 Nitrobenzene-d5
 Concen: 70.51 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Instrument :
 BNA_F
 ClientSampled :
 1MS

Tot Ion: 82 Resp: 1330050

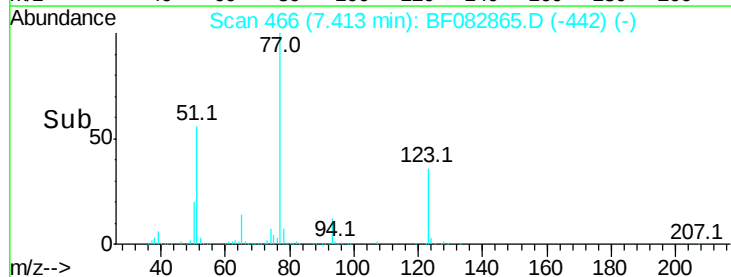
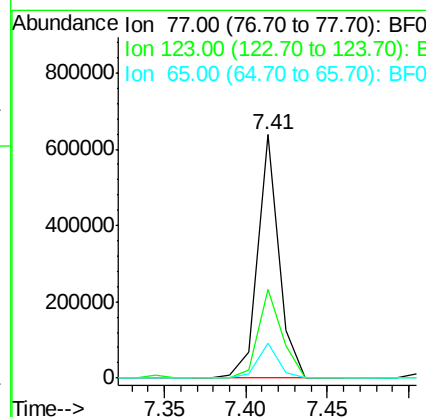
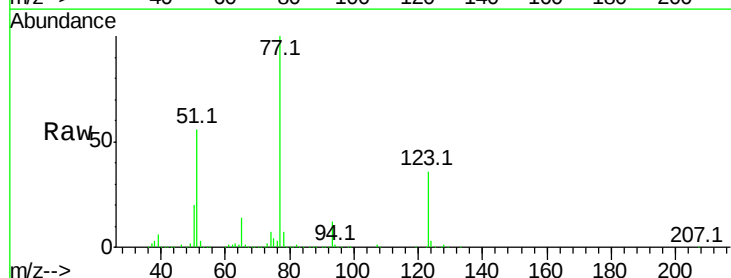
Ion	Ratio	Lower	Upper
82	100		
128	43.5	26.8	40.2#
54	47.0	45.7	68.5

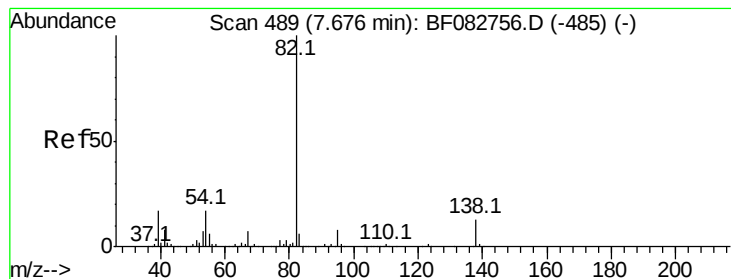


#24
 Nitrobenzene
 Concen: 29.95 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion: 77 Resp: 577753

Ion	Ratio	Lower	Upper
77	100		
123	36.3	36.4	54.6#
65	14.3	11.5	17.3





#25

Isophorone

Concen: 31.41 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

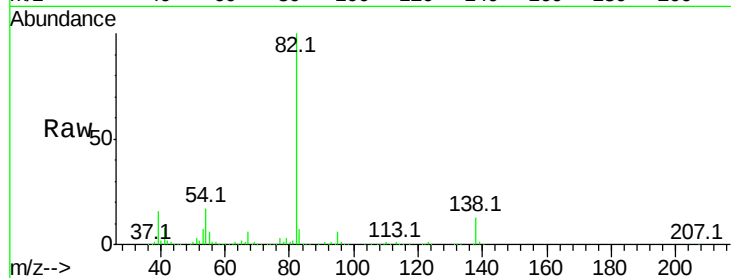
Tot Ion: 82 Resp: 1096302

Ion Ratio Lower Upper

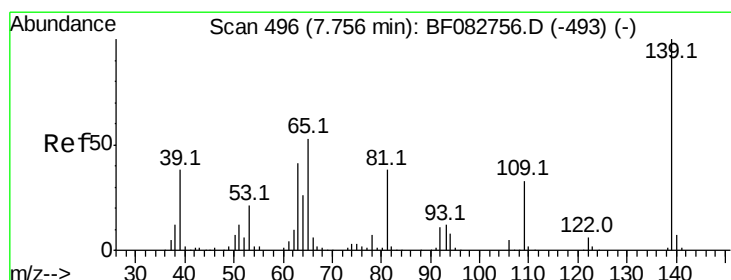
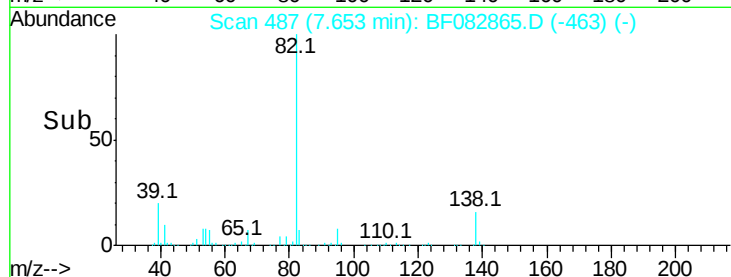
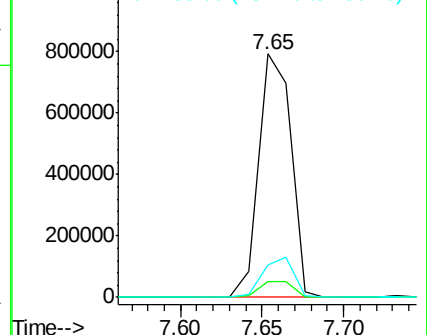
82 100

95 6.5 6.6 9.8#

138 13.3 11.4 17.0



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



#26

2-Nitrophenol

Concen: 31.81 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

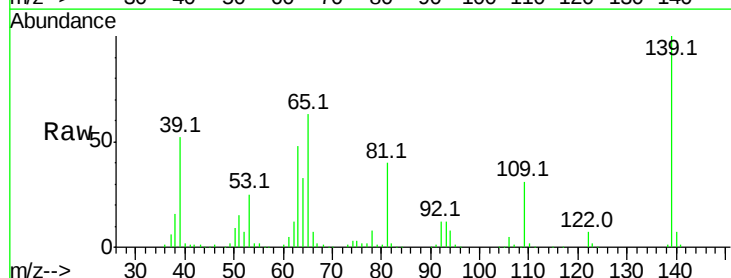
Tgt Ion: 139 Resp: 256111

Ion Ratio Lower Upper

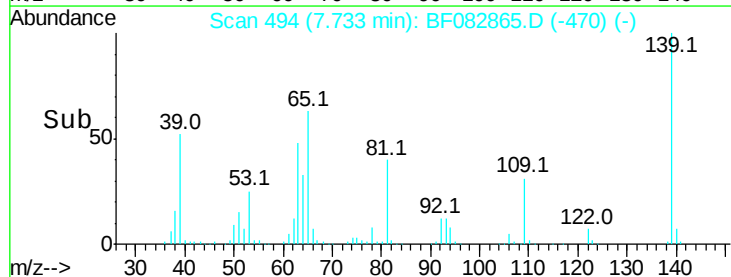
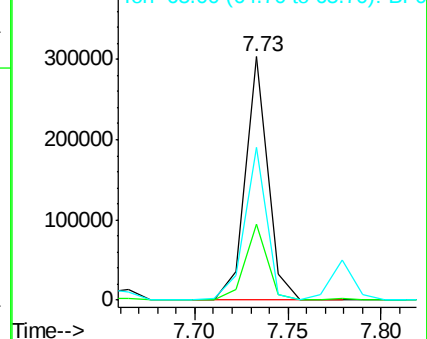
139 100

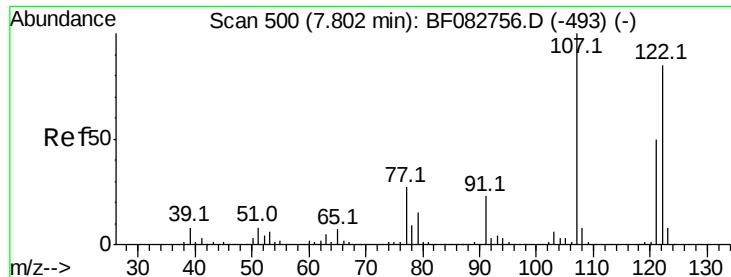
109 31.1 37.6 56.4#

65 63.0 70.6 105.8#



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

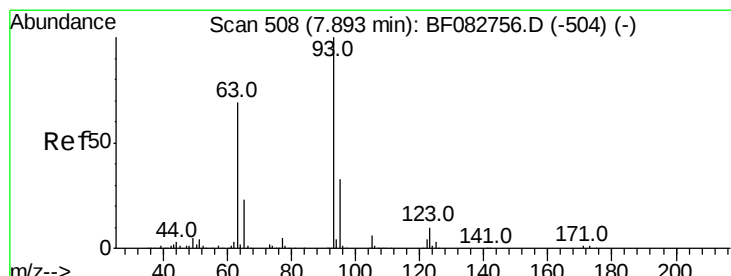
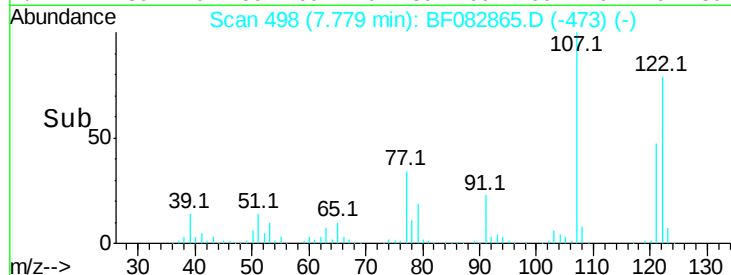
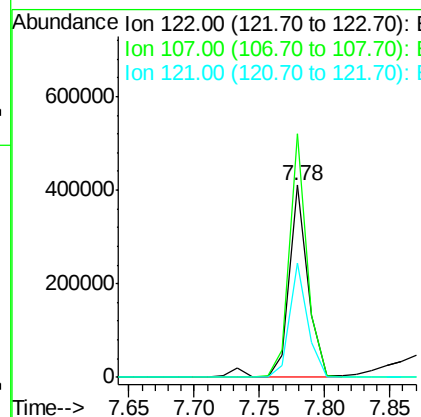
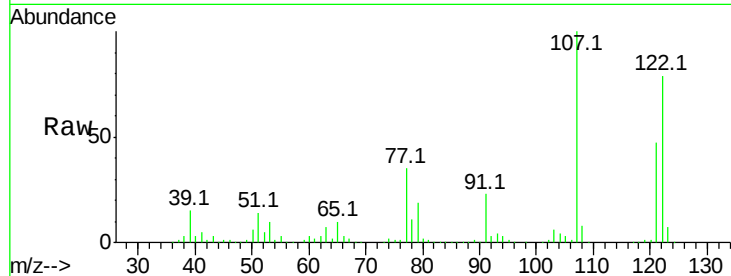




#27
 2,4-Dimethylphenol
 Concen: 29.54 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

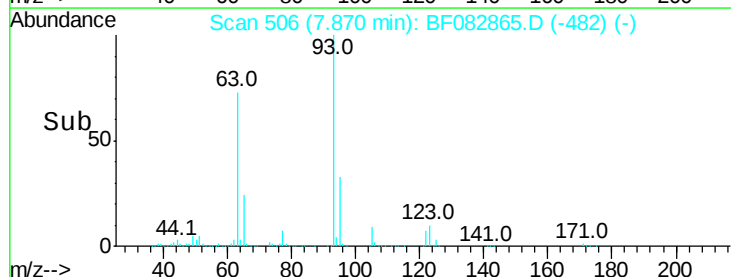
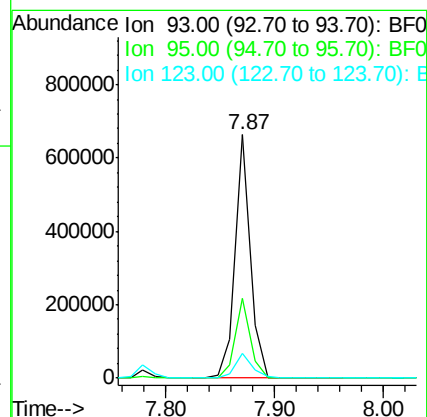
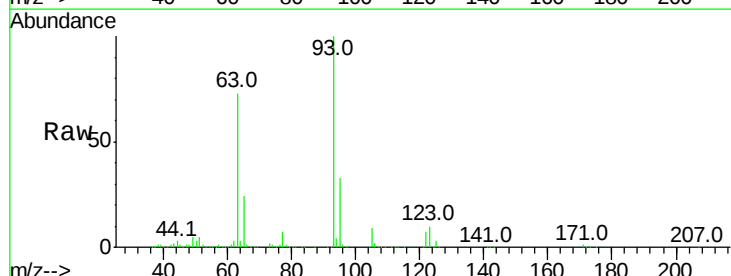
Instrument :
 BNA_F
 ClientSampleId :
 1MS

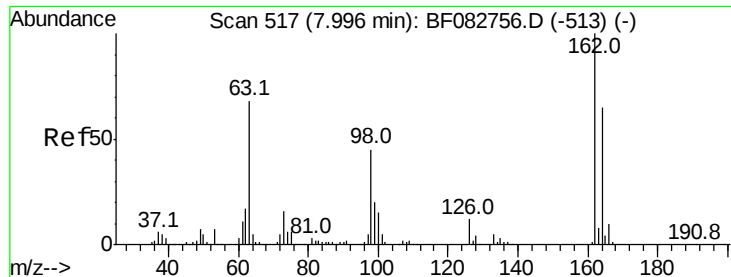
Tot Ion:122 Resp: 427336
 Ion Ratio Lower Upper
 122 100
 107 126.8 106.0 159.0
 121 59.3 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.17 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion: 93 Resp: 633297
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 10.0 9.7 14.5

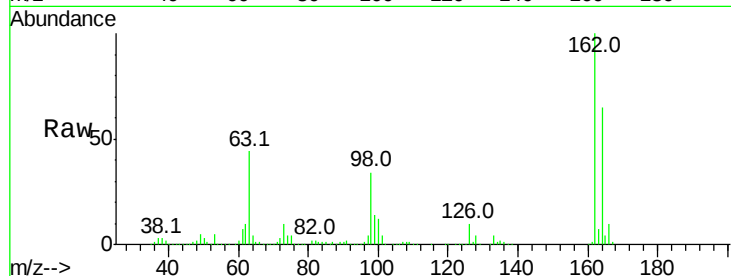




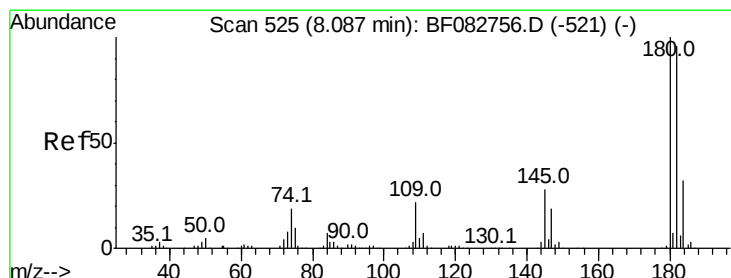
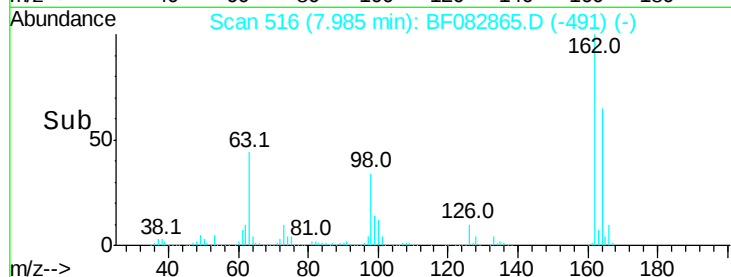
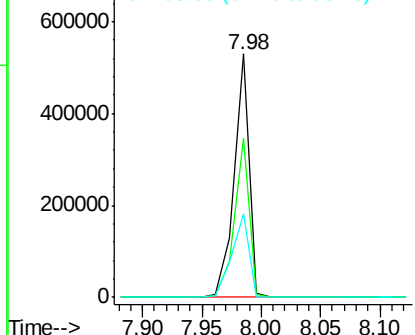
#29
2,4-Dichlorophenol
Concen: 35.69 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Instrument :
BNA_F
ClientSampleId :
1MS

Tot Ion:162 Resp: 466740
Ion Ratio Lower Upper
162 100
164 65.5 46.8 86.8
98 34.5 12.5 52.5

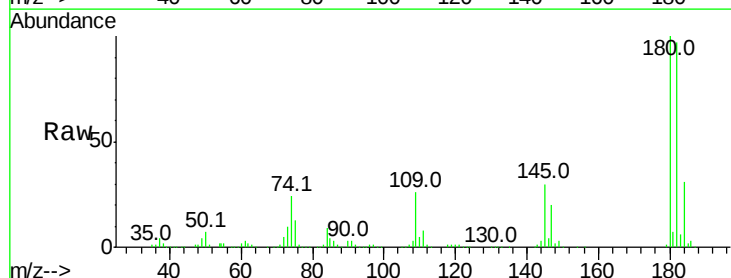


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

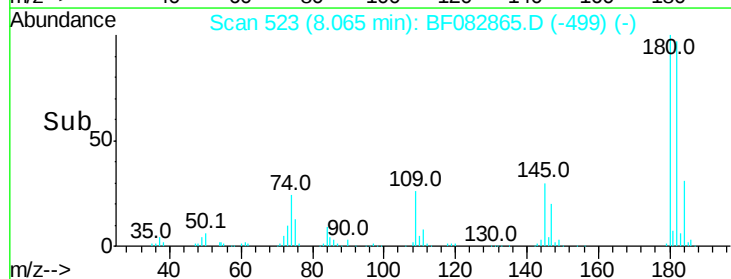
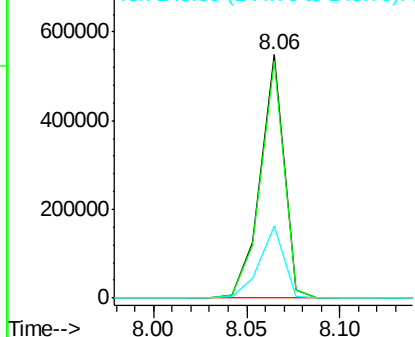


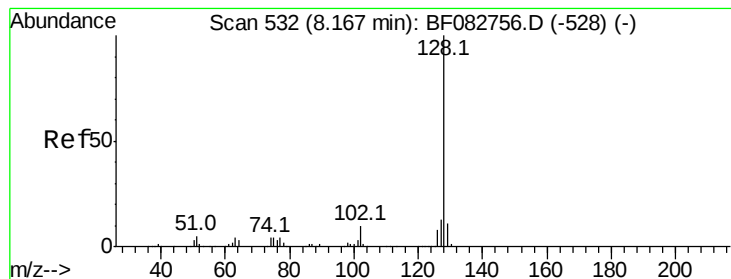
#30
1,2,4-Trichlorobenzene
Concen: 32.59 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion:180 Resp: 479208
Ion Ratio Lower Upper
180 100
182 97.4 74.9 112.3
145 29.9 27.8 41.8



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





#31

Naphthalene

Concen: 33.25 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

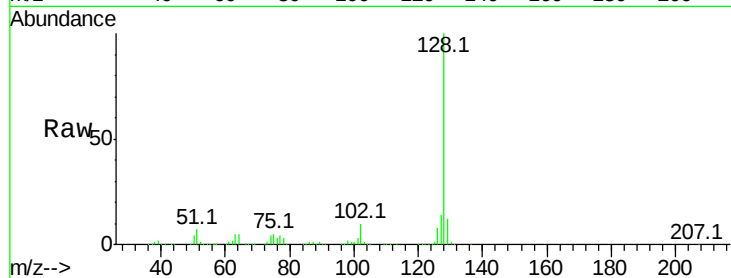
Tot Ion:128 Resp: 1505833

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

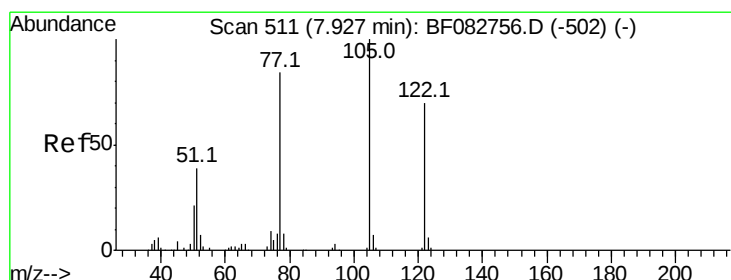
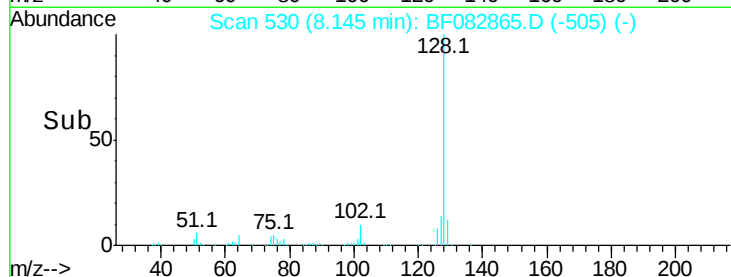
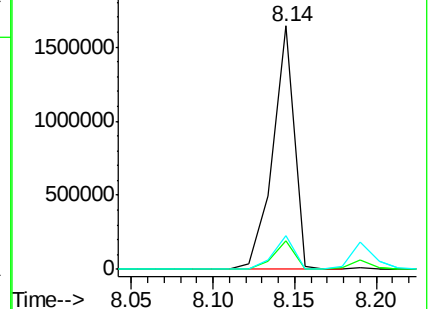
127 13.6 11.4 17.0



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: 20.91 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

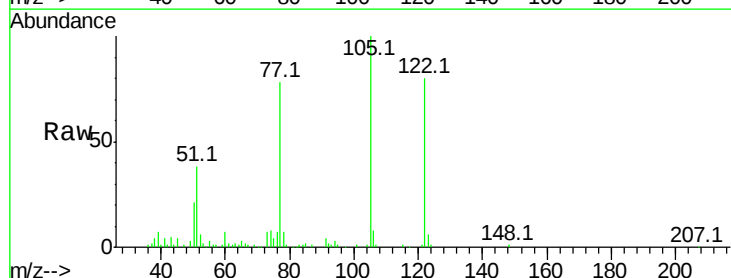
Tgt Ion:122 Resp: 207092

Ion Ratio Lower Upper

122 100

105 125.7 122.6 162.6

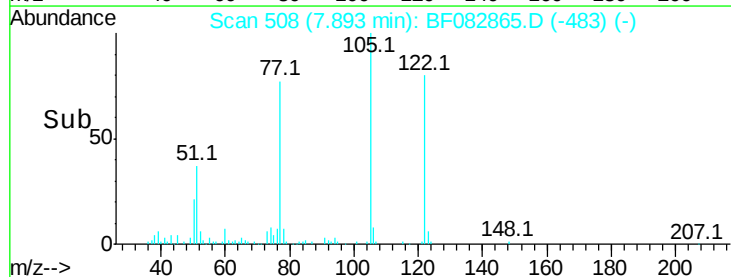
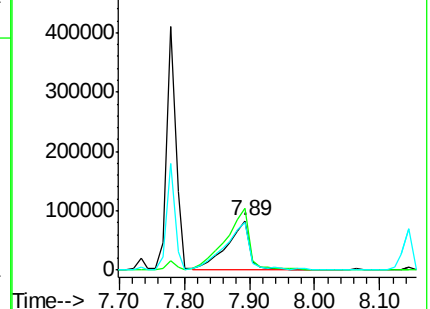
77 98.4 100.9 140.9#

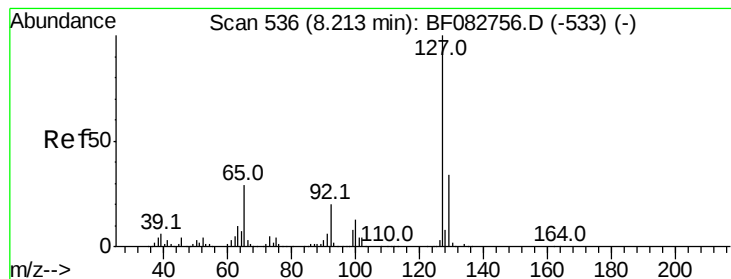


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.13 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

Tot Ion:127 Resp: 197774

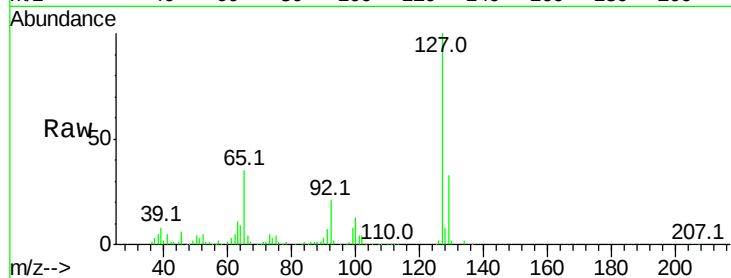
Ion Ratio Lower Upper

127 100

129 33.1 26.3 39.5

65 35.2 37.8 56.8#

92 20.6 20.6 31.0

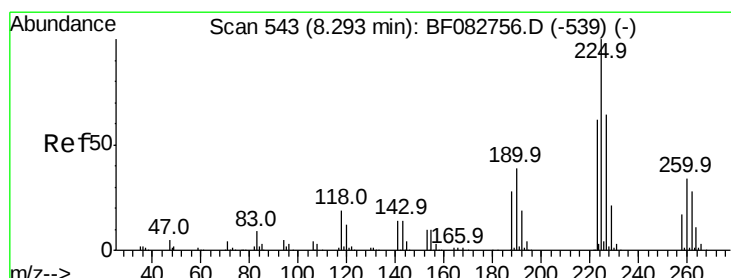
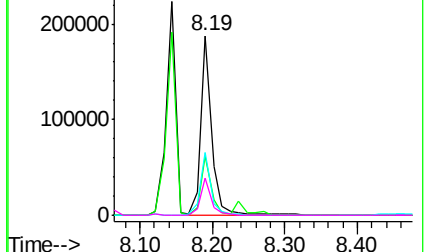
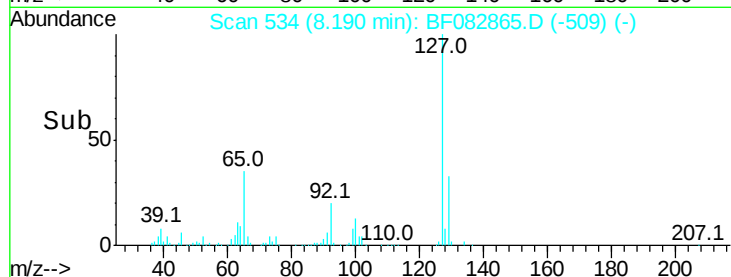


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 31.19 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

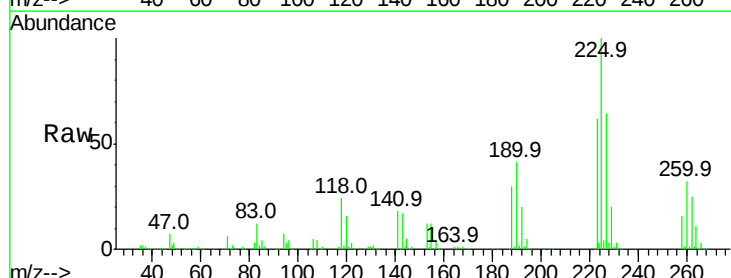
Tgt Ion:225 Resp: 287004

Ion Ratio Lower Upper

225 100

223 62.0 50.5 75.7

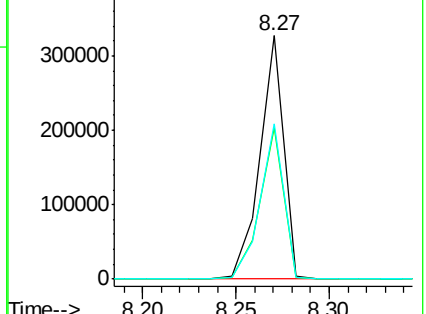
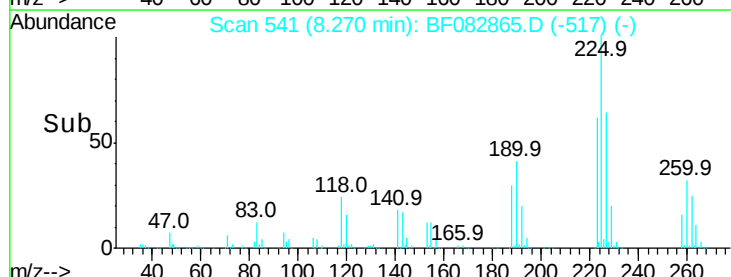
227 63.8 50.2 75.2

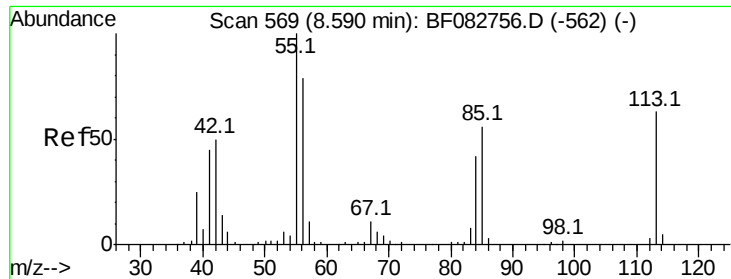


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.30 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampled :

1MS

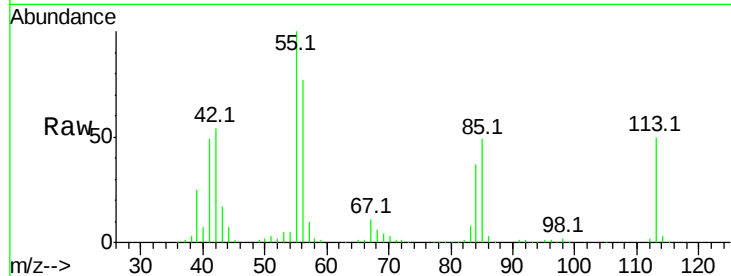
Tot Ion:113 Resp: 145518

Ion Ratio Lower Upper

113 100

55 198.1 195.5 235.5

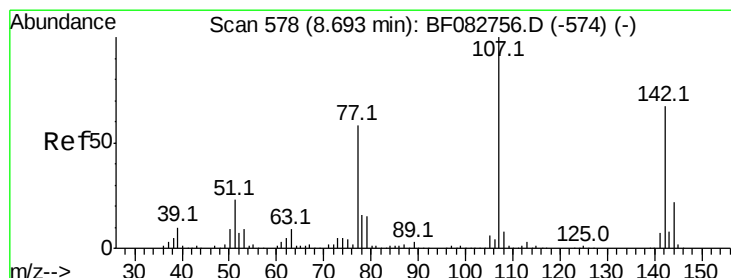
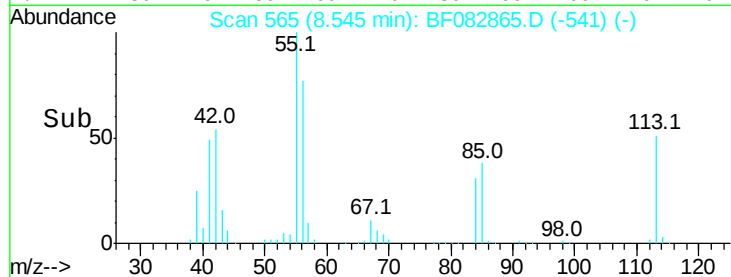
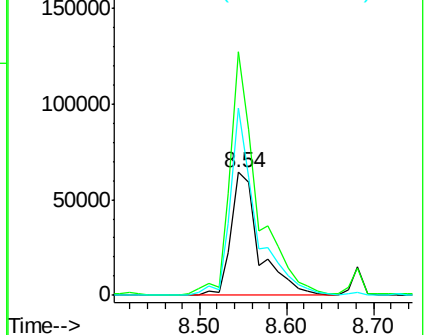
56 152.0 153.5 193.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 30.30 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

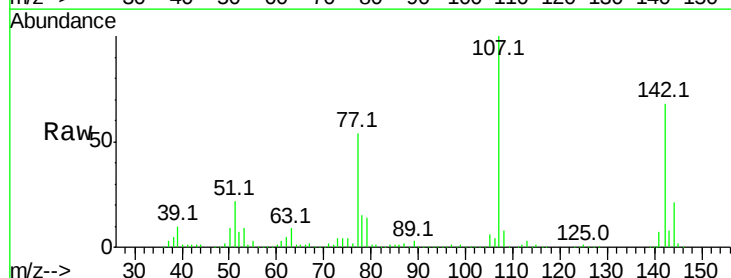
Tgt Ion:107 Resp: 465966

Ion Ratio Lower Upper

107 100

144 21.5 15.4 23.0

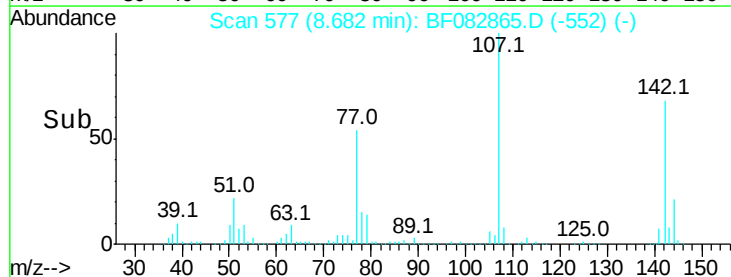
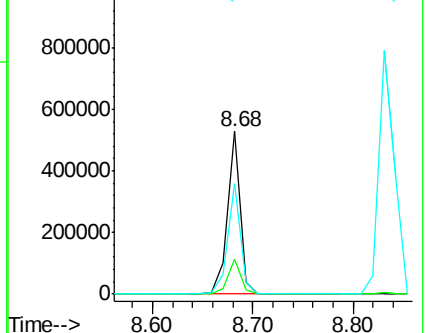
142 68.0 47.8 71.8

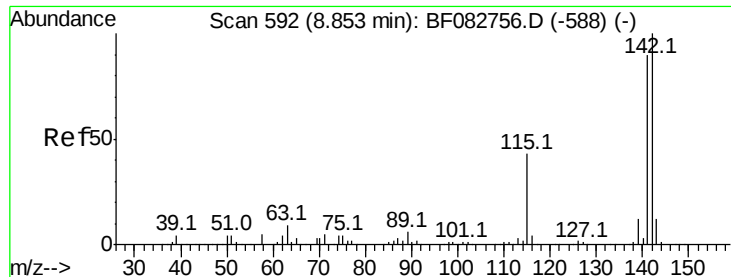


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

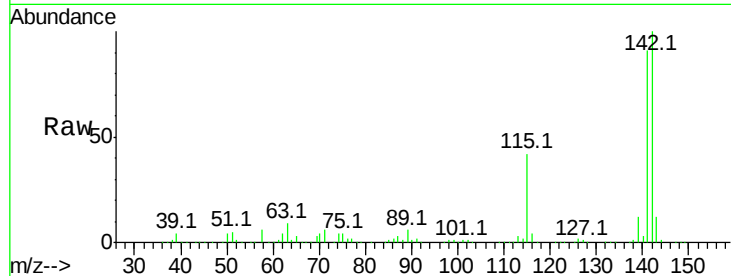




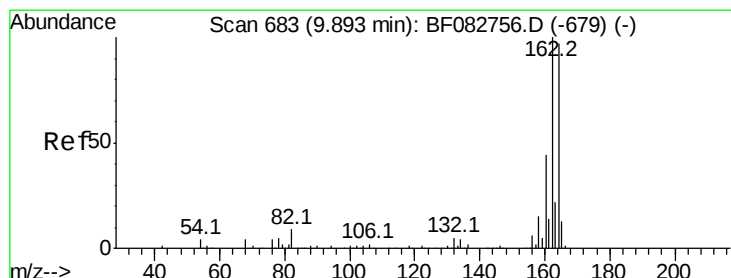
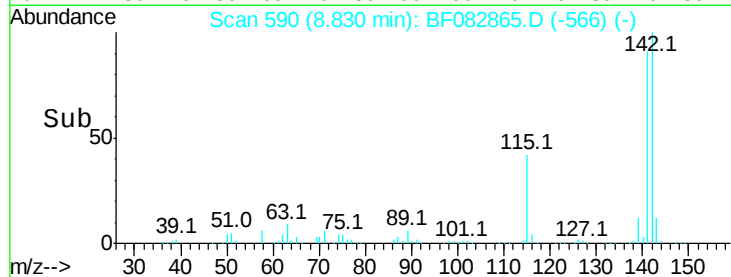
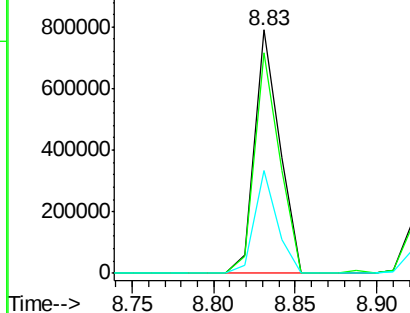
#37
2-Methylnaphthalene
Concen: 28.79 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Instrument :
BNA_F
ClientSampled :
1MS

Tot Ion:142 Resp: 843430
Ion Ratio Lower Upper
142 100
141 90.7 72.3 108.5
115 42.3 38.1 57.1

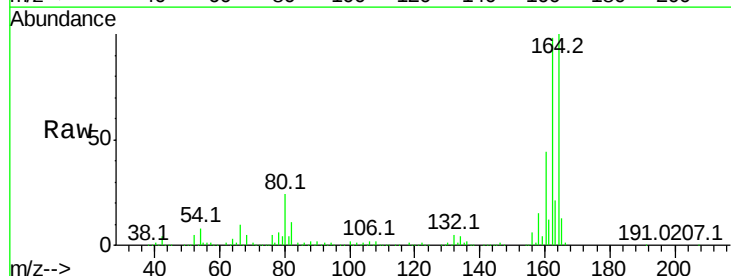


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

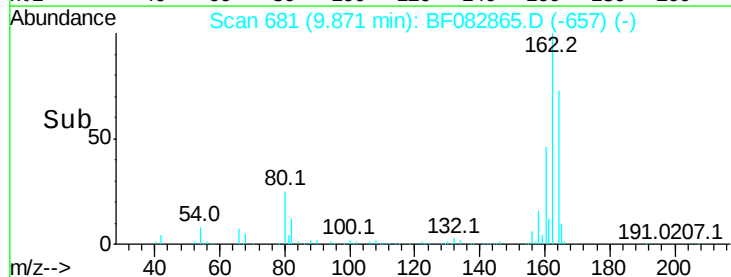
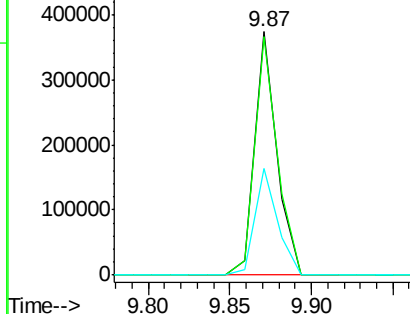


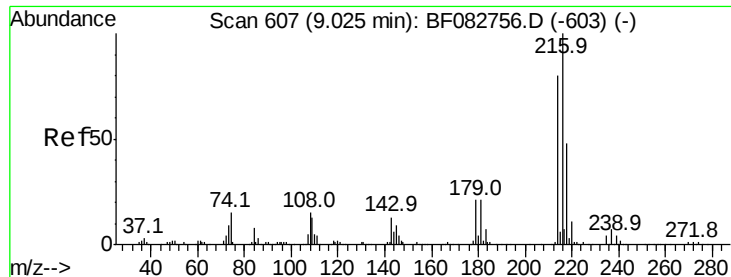
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion:164 Resp: 351587
Ion Ratio Lower Upper
164 100
162 98.1 84.9 127.3
160 44.0 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.85 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

Tot Ion:216 Resp: 425753

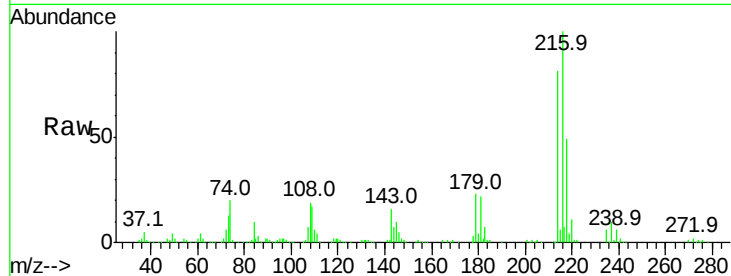
Ion Ratio Lower Upper

216 100

214 81.1 62.2 93.2

179 22.9 18.1 27.1

108 21.0 16.6 25.0

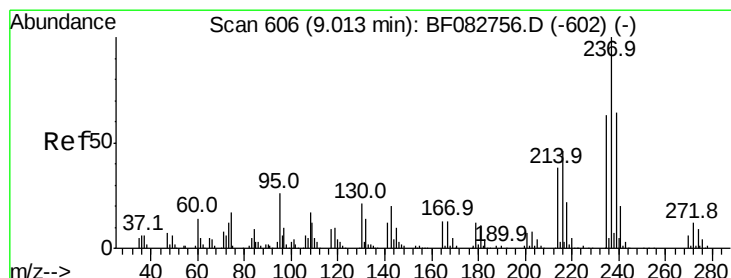
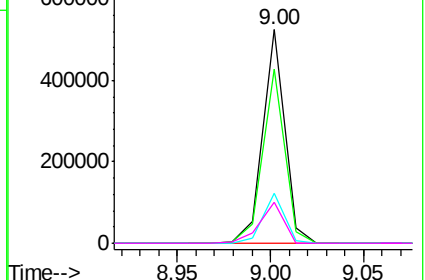
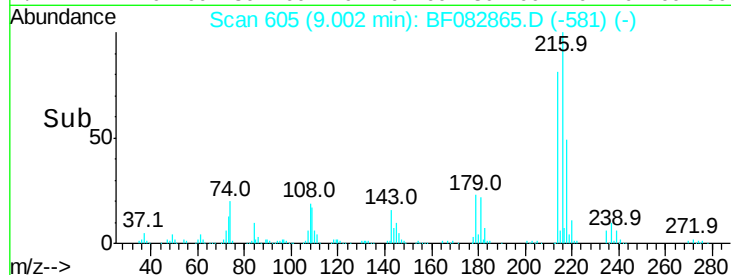


Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.67 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

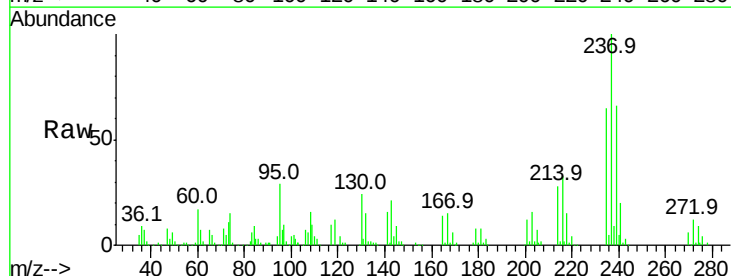
Tgt Ion:237 Resp: 159364

Ion Ratio Lower Upper

237 100

235 65.3 44.3 84.3

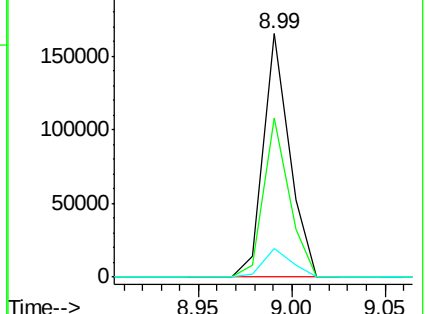
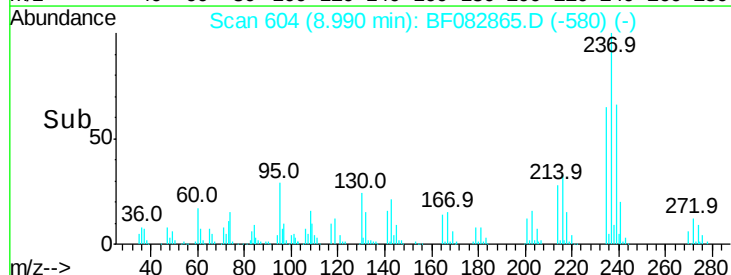
272 11.7 0.0 31.9

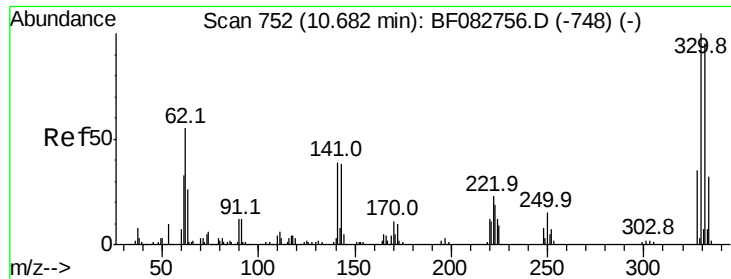


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

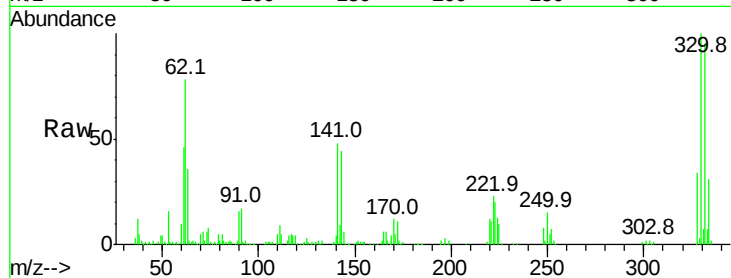




#41
 2,4,6-Tribromophenol
 Concen: 71.42 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Instrument :
 BNA_F
 ClientSampled :
 1MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	43.1	41.2	61.8

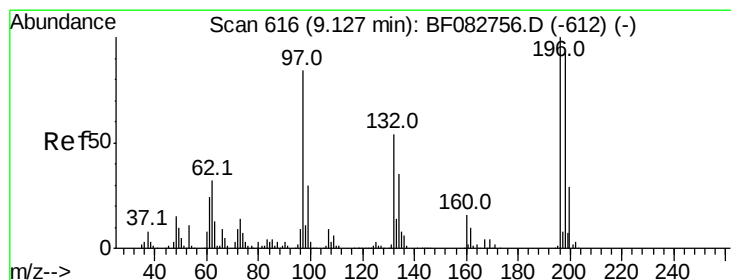
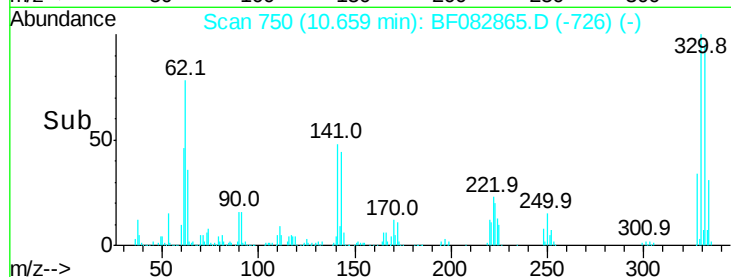
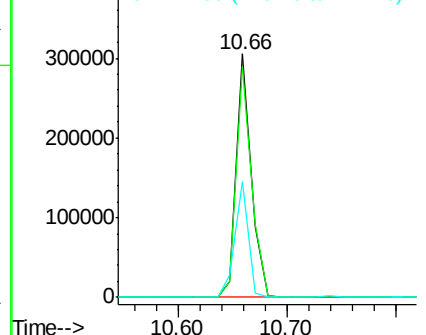


Abundance

Ion 329.80 (329.50 to 330.50): E

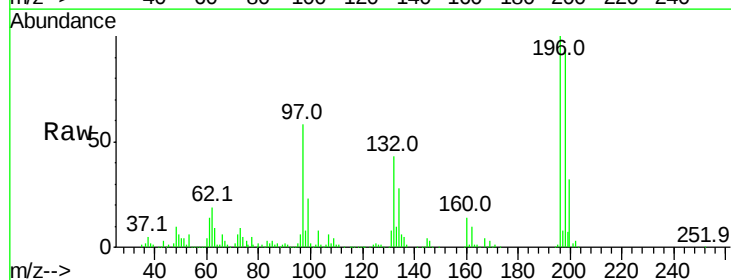
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 34.93 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.3	114.5
200	31.5	23.9	35.9

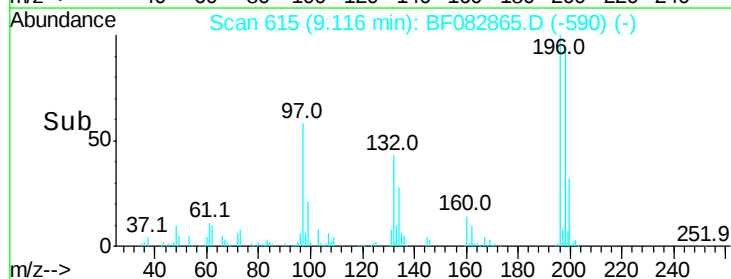
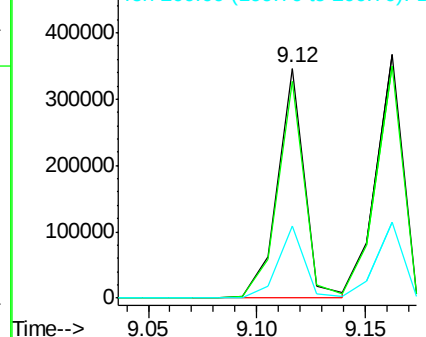


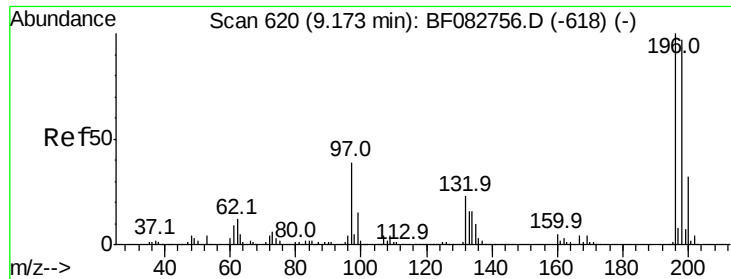
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

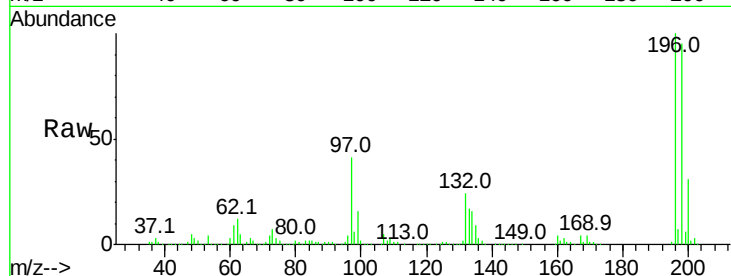




#43
 2,4,5-Trichlorophenol
 Concen: 37.19 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Instrument :
 BNA_F
 ClientSampleId :
 1MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.8	113.8
97	40.5	62.3	93.5#
132	24.4	27.4	41.2#



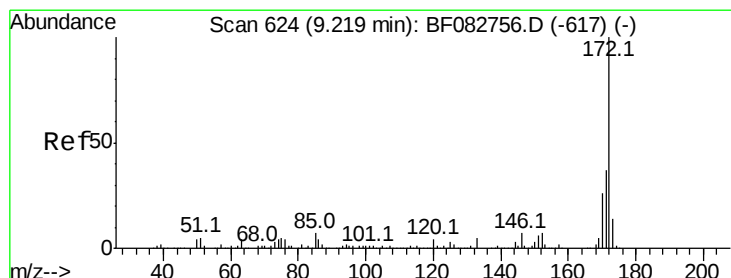
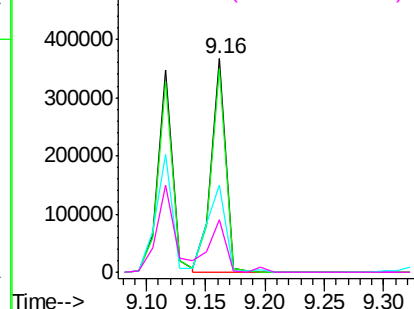
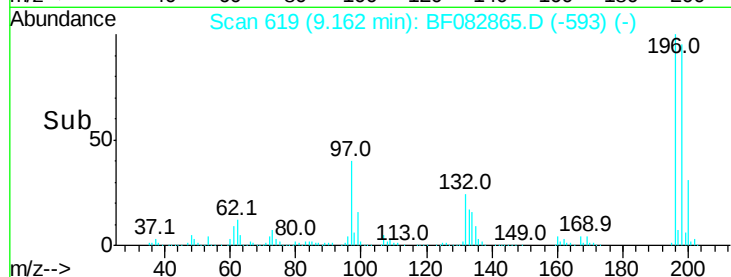
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

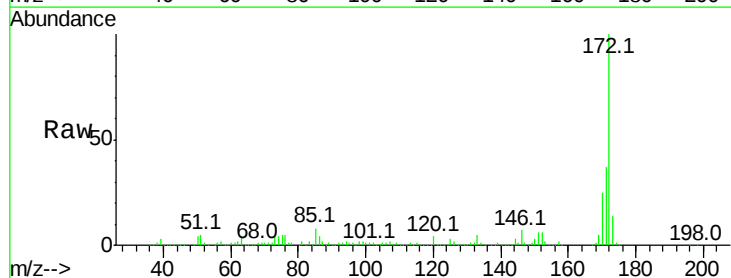
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 59.66 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.8	21.2	31.8

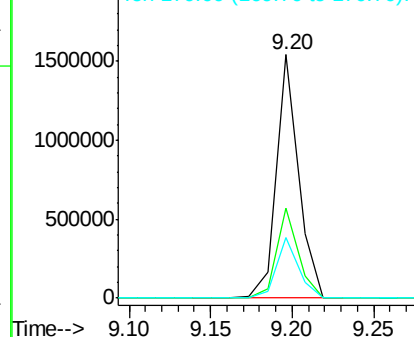
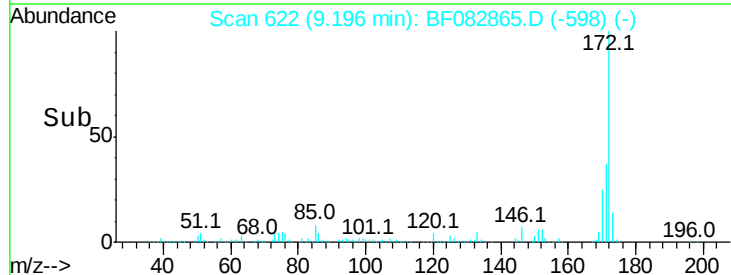


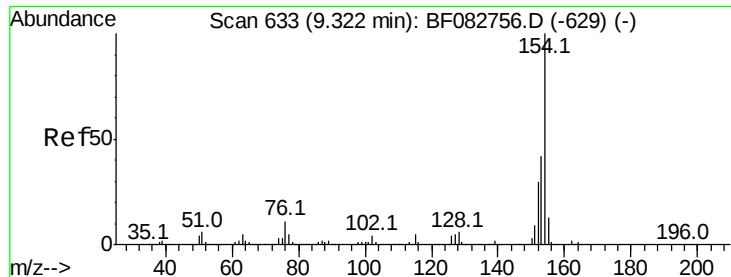
Abundance

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



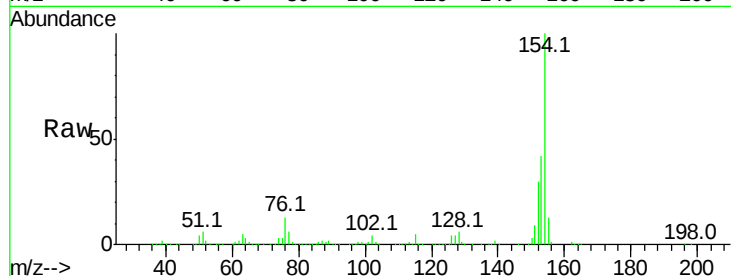


#45
 1,1'-Biphenyl
 Concen: 37.04 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

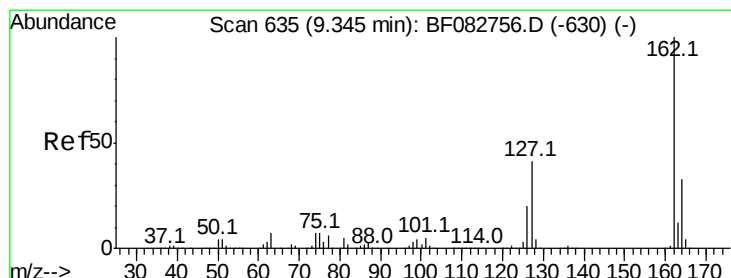
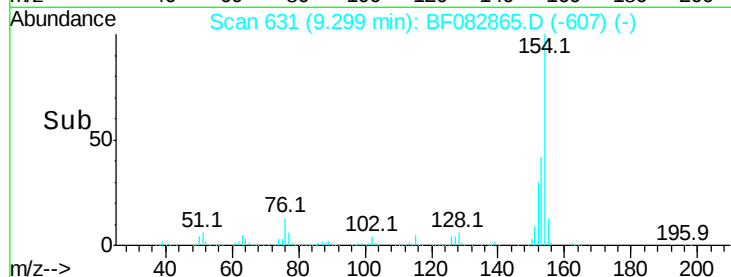
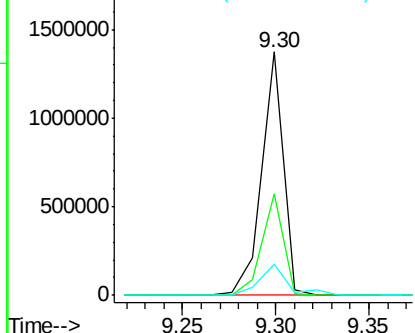
Instrument :
 BNA_F
 ClientSampleId :
 1MS

Tot Ion:154 Resp: 1117507

Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.0	62.0
76	12.6	0.0	29.0



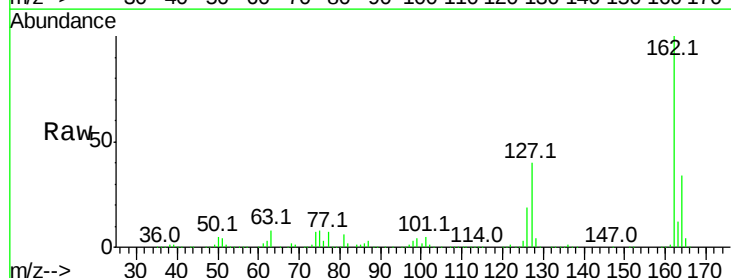
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO



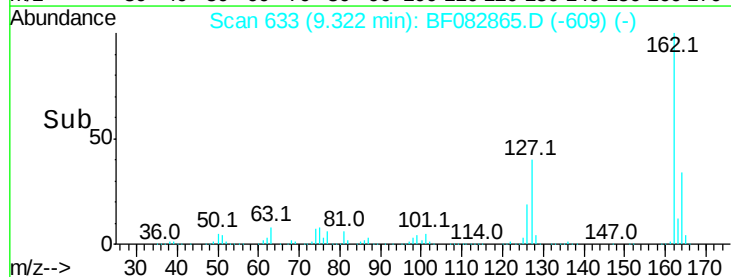
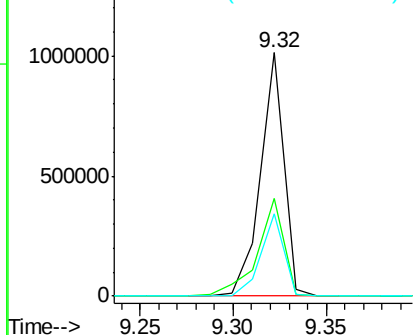
#46
 2-Chloronaphthalene
 Concen: 37.14 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

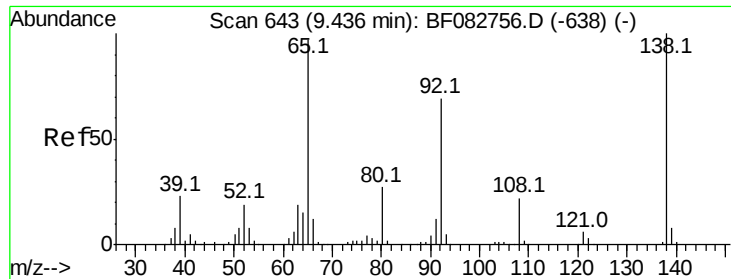
Tgt Ion:162 Resp: 873999

Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.7	49.1
164	33.6	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

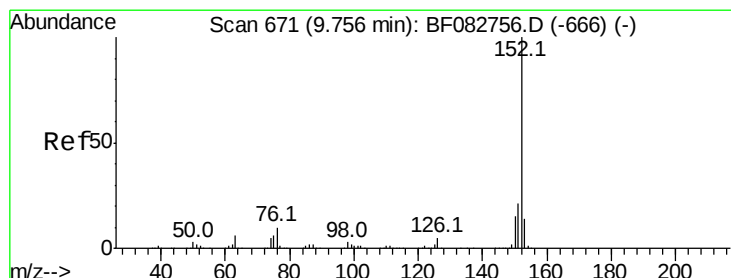
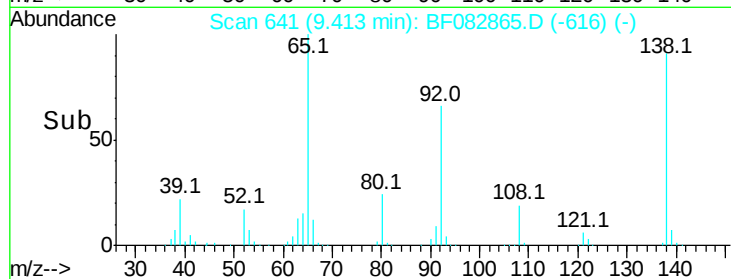
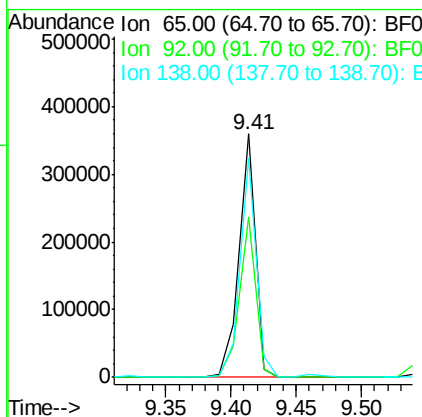
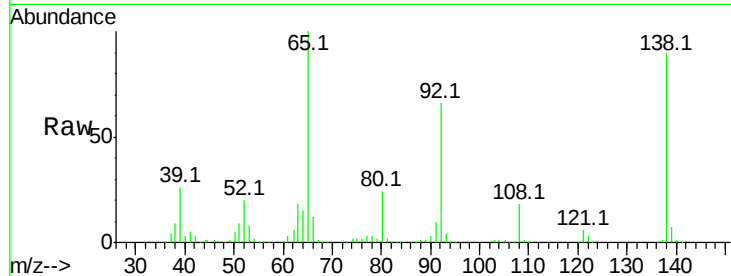




#47
 2-Nitroaniline
 Concen: 35.73 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

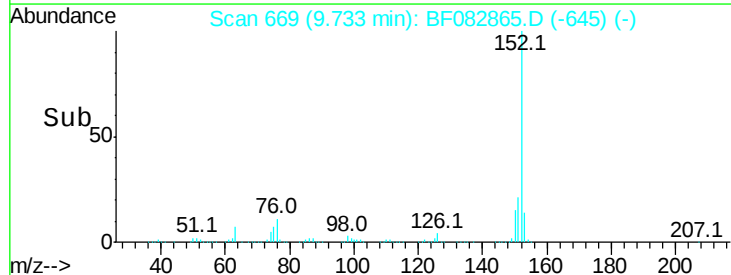
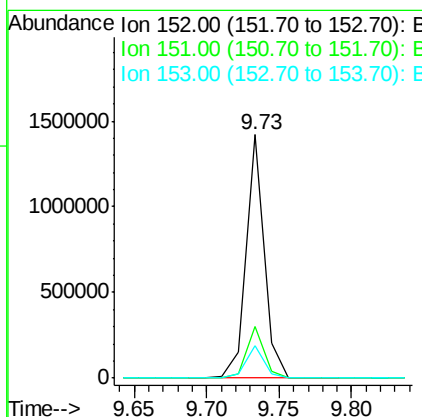
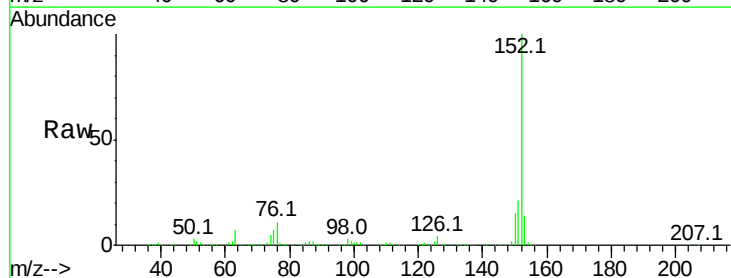
Instrument :
 BNA_F
 ClientSampleId :
 1MS

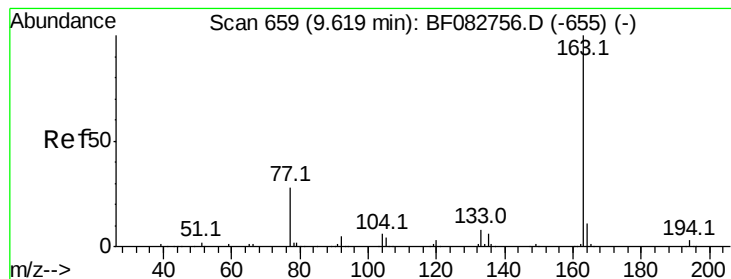
Tot Ion: 65 Resp: 311946
 Ion Ratio Lower Upper
 65 100
 92 65.8 46.6 70.0
 138 90.0 54.6 81.8#



#48
 Acenaphthylene
 Concen: 33.45 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion: 152 Resp: 1233637
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.3 25.9
 153 13.6 11.3 16.9





#49

Dimethylphthalate

Concen: 41.80 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

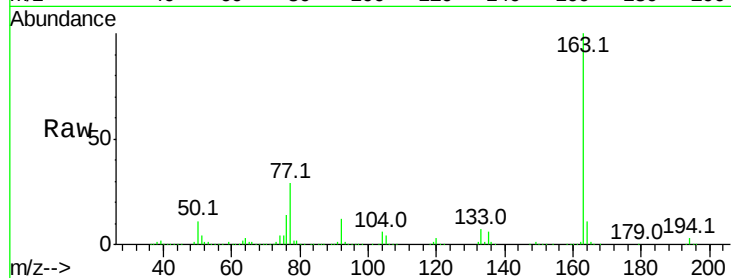
Tot Ion:163 Resp: 1204204

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

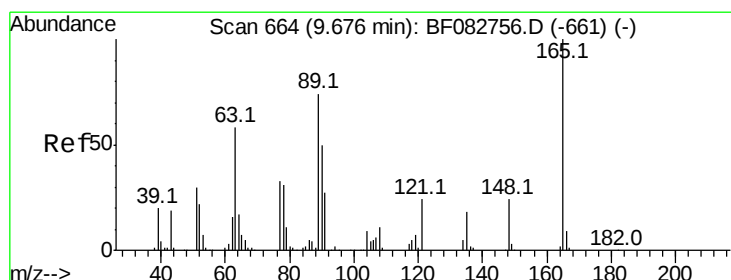
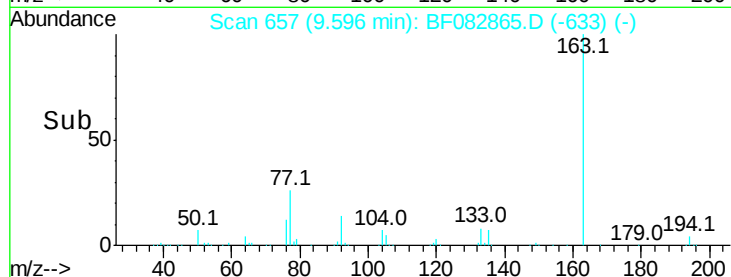
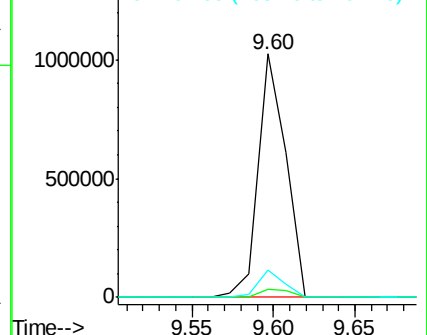
164 11.0 8.7 13.1



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: 32.32 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

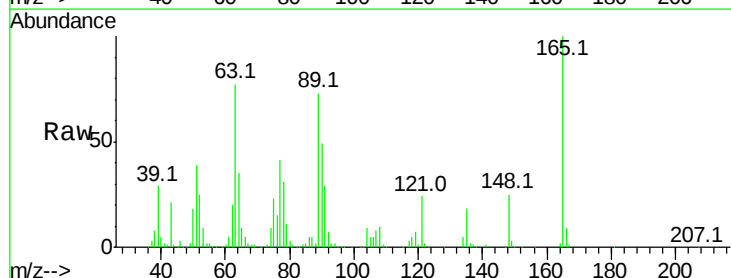
Tgt Ion:165 Resp: 198646

Ion Ratio Lower Upper

165 100

63 76.7 55.5 83.3

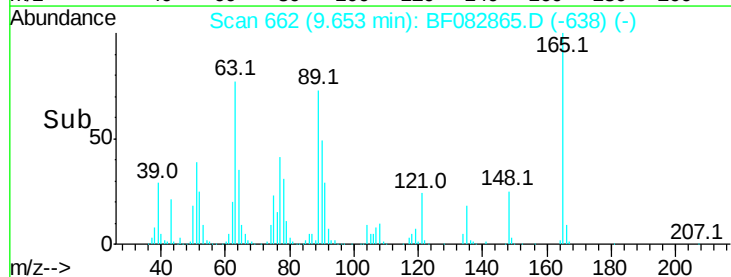
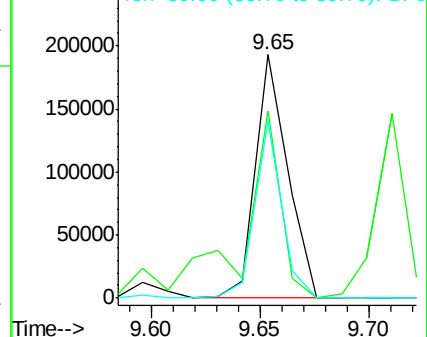
89 73.0 55.0 82.6

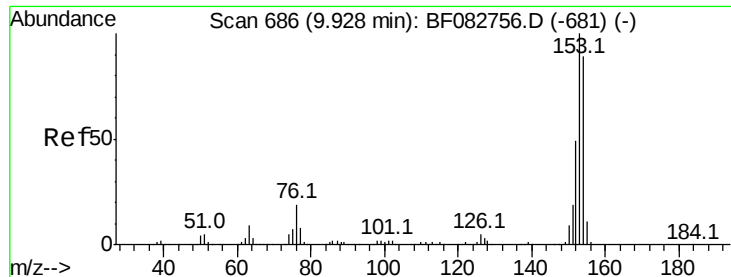


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.46 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

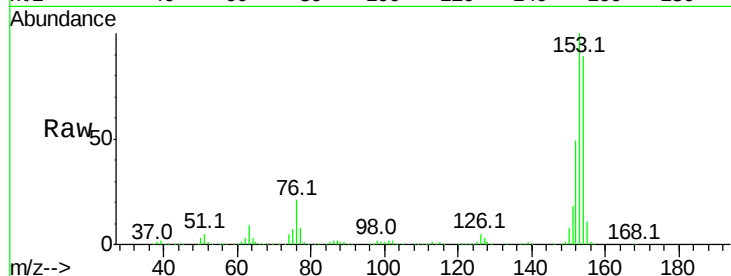
Tot Ion:154 Resp: 735331

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

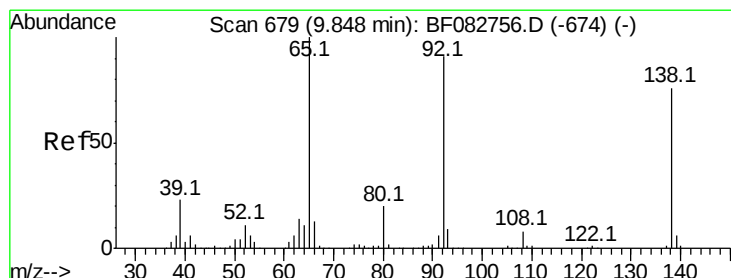
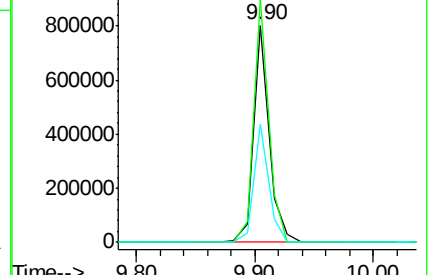
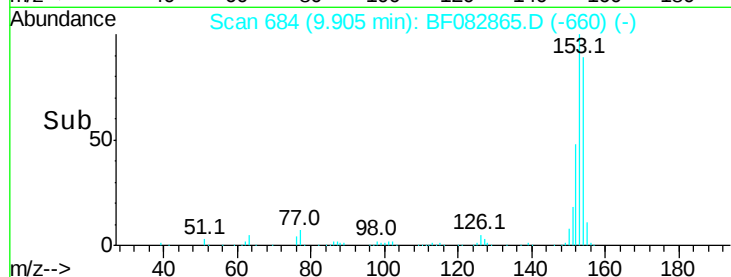
152 54.5 44.3 66.5



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: 23.56 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

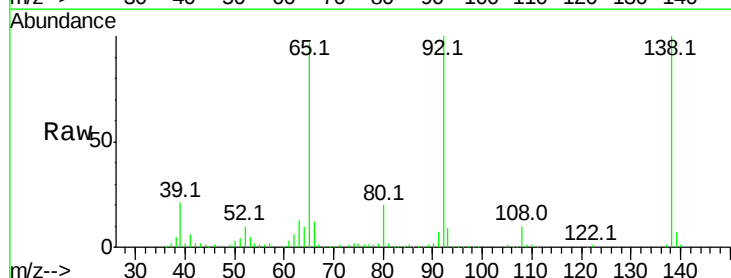
Tgt Ion:138 Resp: 159266

Ion Ratio Lower Upper

138 100

108 9.5 11.3 16.9#

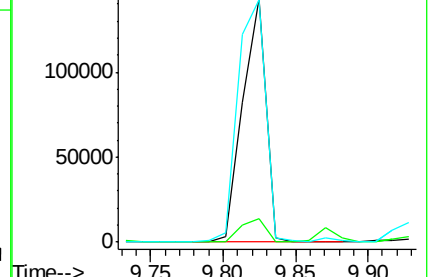
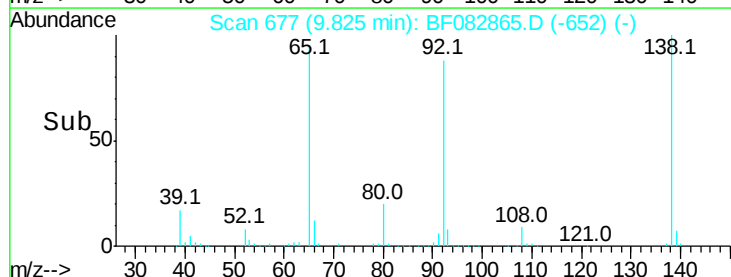
92 99.7 122.4 183.6#

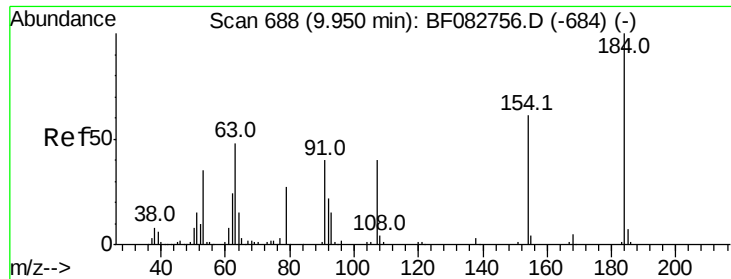


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

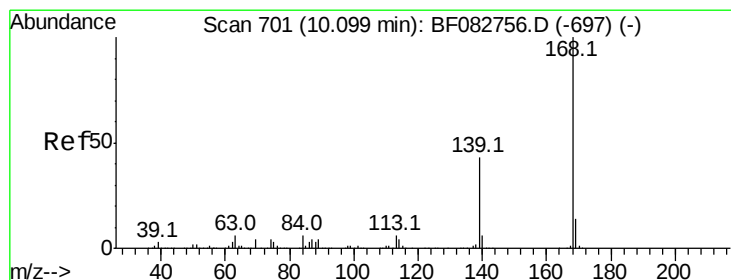
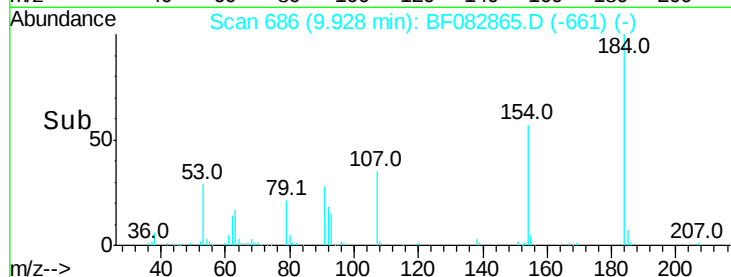
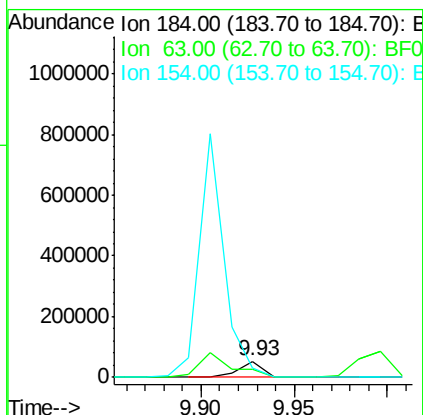
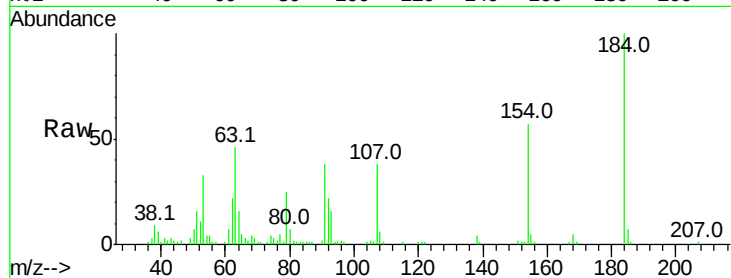




#53
 2,4-Dinitrophenol
 Concen: 14.44 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

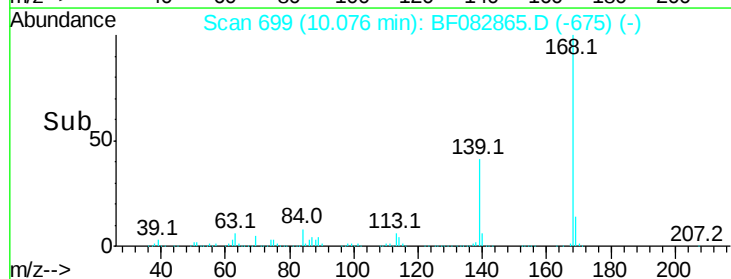
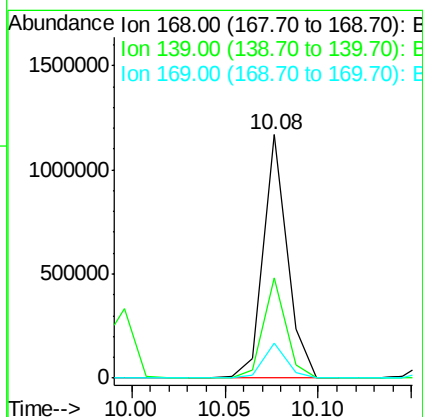
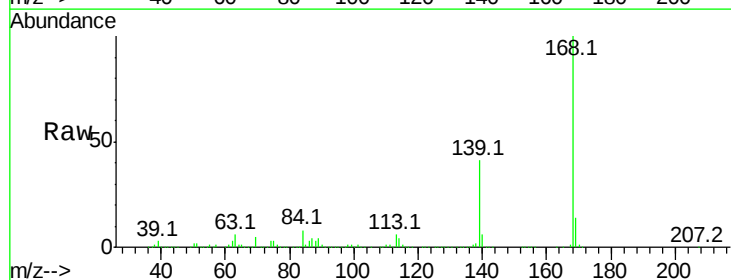
Instrument :
 BNA_F
 ClientSampled :
 1MS

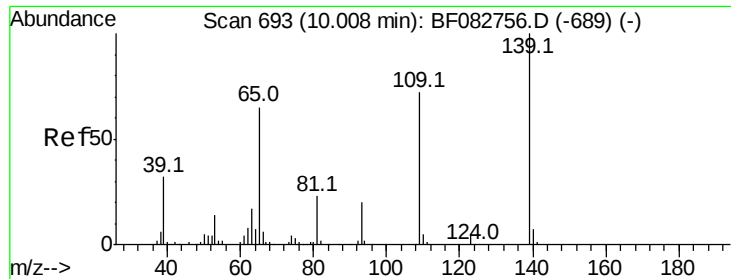
Tot Ion:184 Resp: 48732
 Ion Ratio Lower Upper
 184 100
 63 46.1 98.6 148.0#
 154 57.4 183.9 275.9#



#54
 Dibenzofuran
 Concen: 32.80 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion:168 Resp: 1033633
 Ion Ratio Lower Upper
 168 100
 139 41.2 37.8 56.6
 169 14.3 11.3 16.9

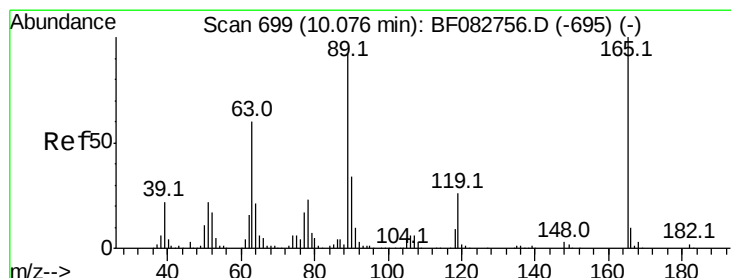
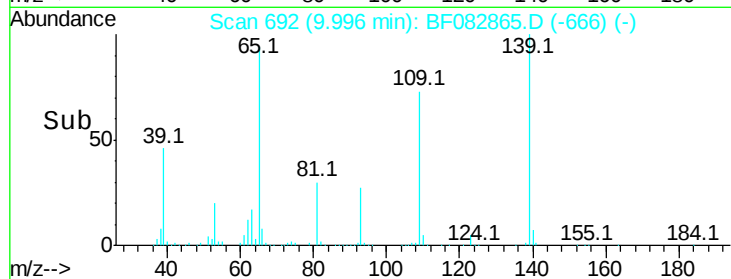
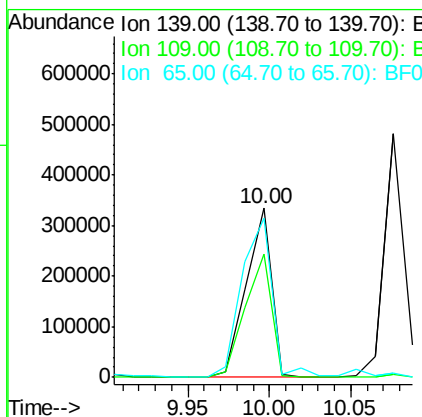
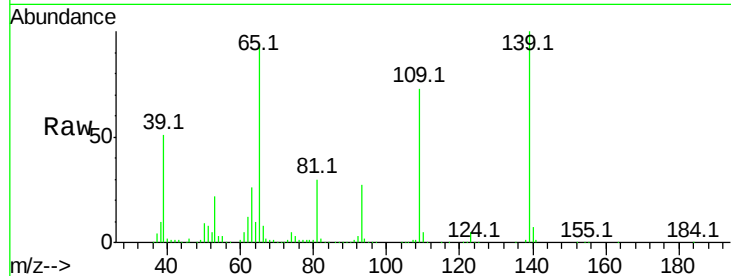




#55
4-Nitrophenol
Concen: 69.88 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

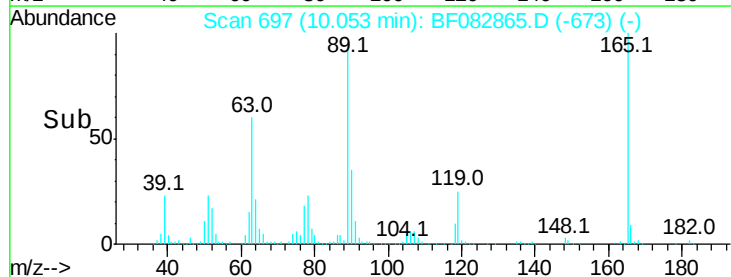
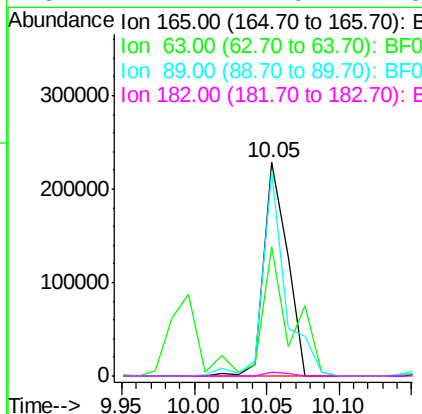
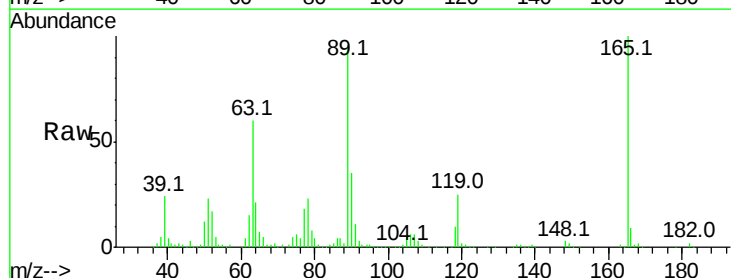
Instrument :
BNA_F
ClientSampleId :
1MS

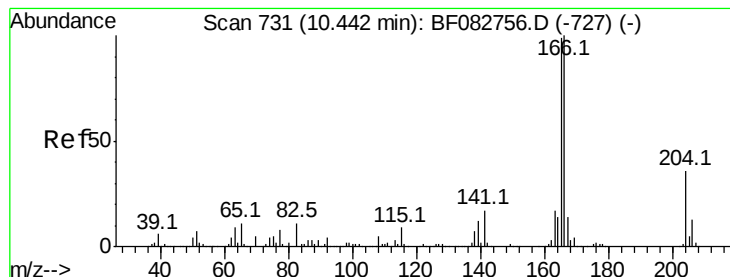
Tot Ion:139 Resp: 362367
Ion Ratio Lower Upper
139 100
109 72.9 73.7 113.7#
65 94.3 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 30.64 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion:165 Resp: 255535
Ion Ratio Lower Upper
165 100
63 60.4 43.4 65.0
89 96.2 70.6 106.0
182 2.1 1.5 2.3





#57

Fluorene

Concen: 30.58 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

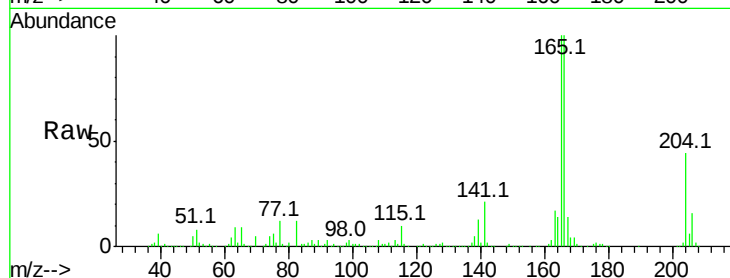
Tot Ion:166 Resp: 780593

Ion Ratio Lower Upper

166 100

165 99.9 80.2 120.4

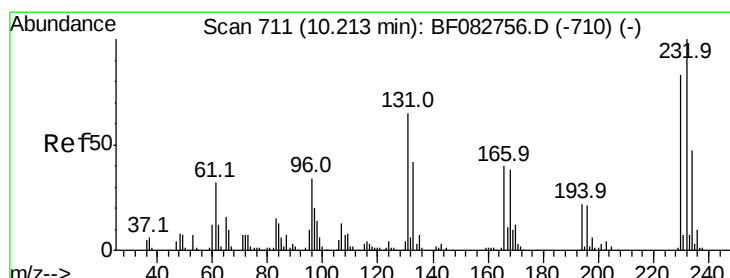
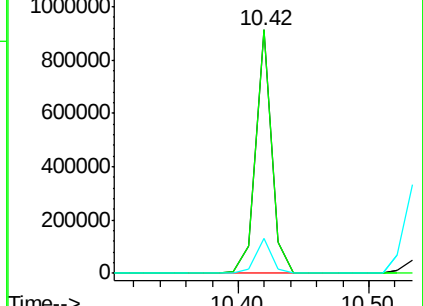
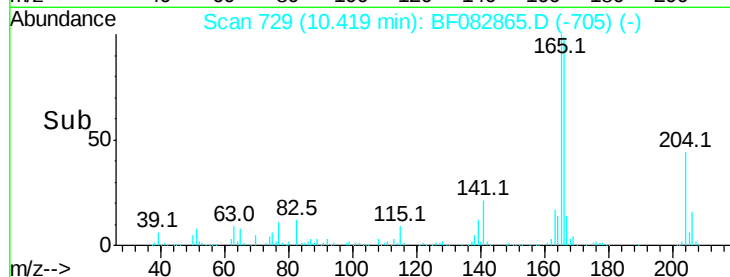
167 14.3 11.2 16.8



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: 34.28 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Tgt Ion:232 Resp: 238624

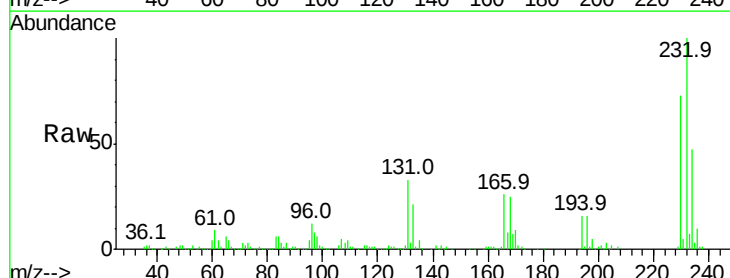
Ion Ratio Lower Upper

232 100

131 43.5 46.2 69.2#

130 2.2 2.4 3.6#

166 29.9 28.2 42.2

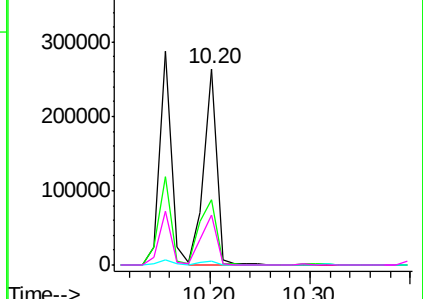
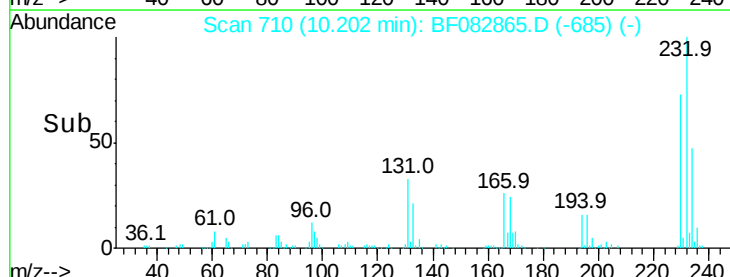


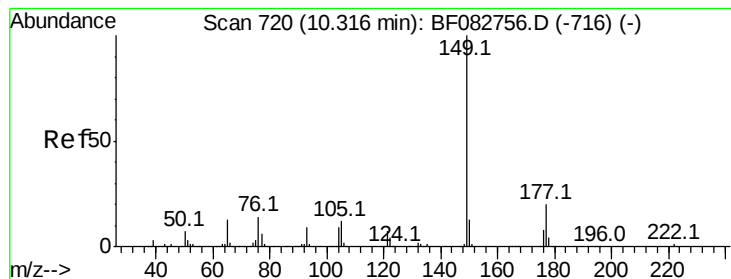
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.31 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

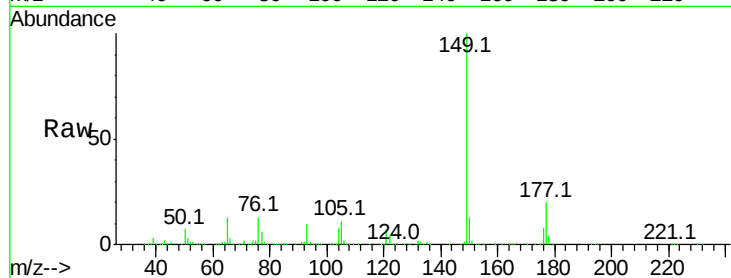
Tot Ion:149 Resp: 936807

Ion Ratio Lower Upper

149 100

177 20.1 17.9 26.9

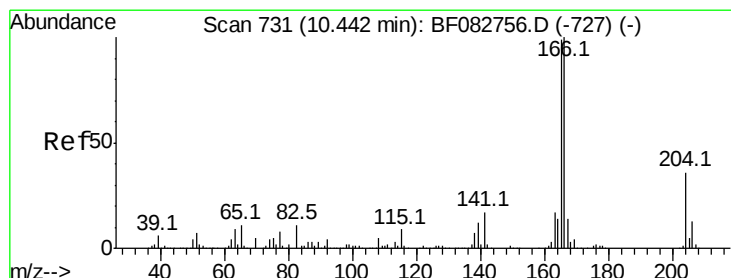
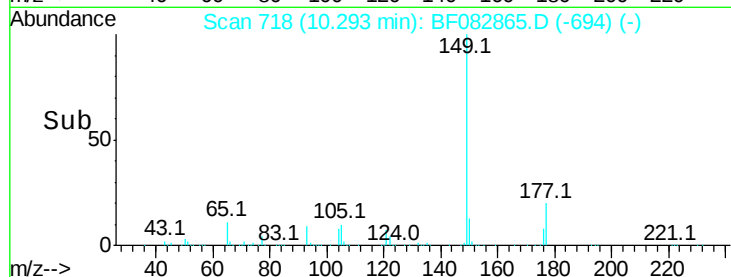
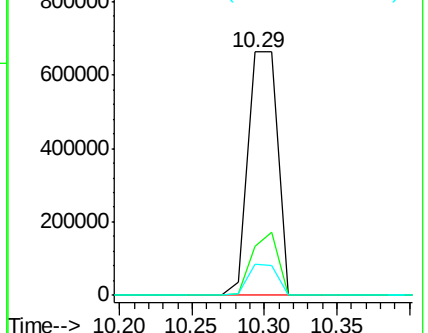
150 12.9 10.1 15.1



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: 31.63 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

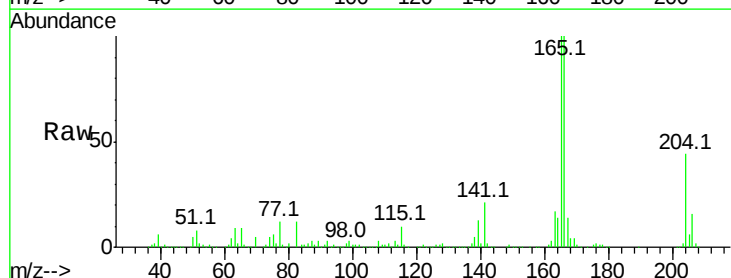
Tgt Ion:204 Resp: 403925

Ion Ratio Lower Upper

204 100

206 35.7 28.5 42.7

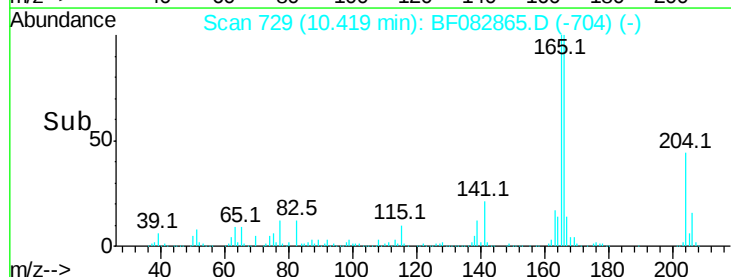
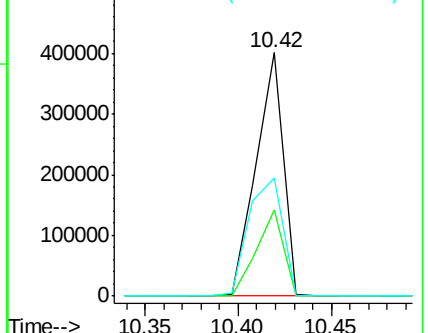
141 48.7 44.6 66.8

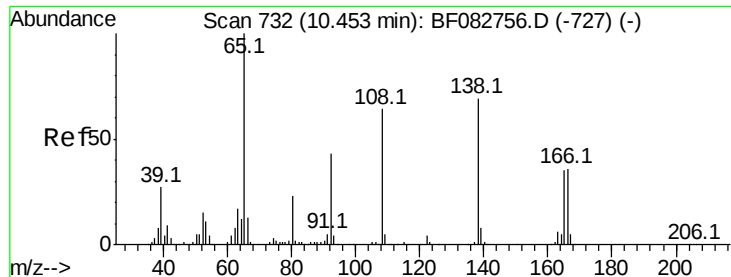


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

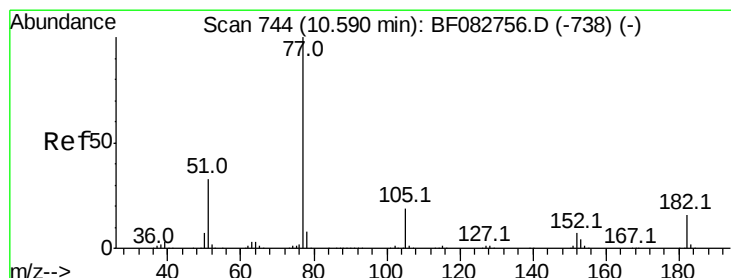
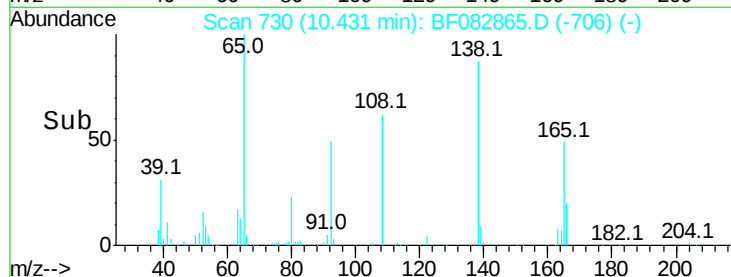
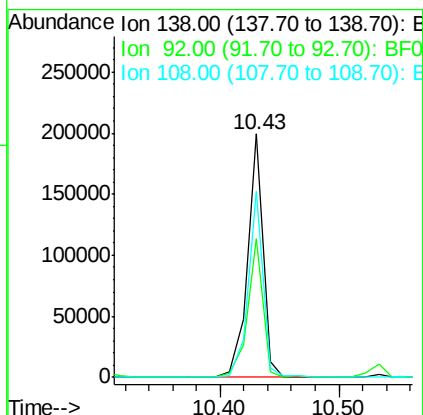
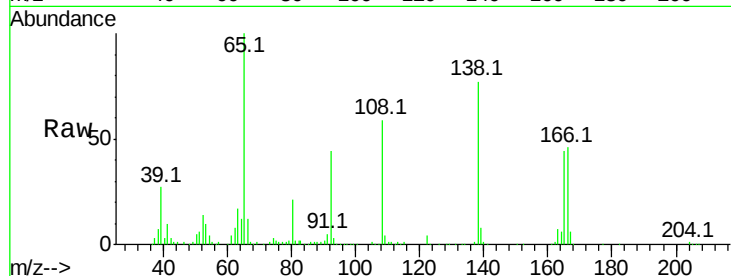




#61
4-Nitroaniline
Concen: 27.00 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

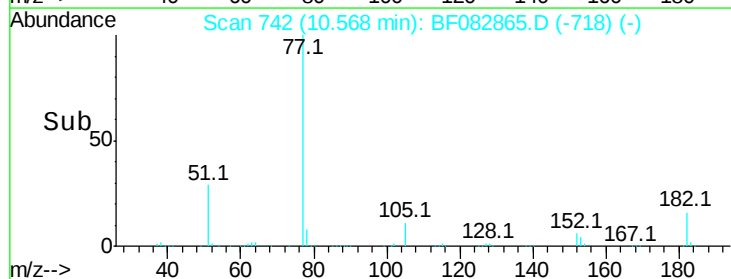
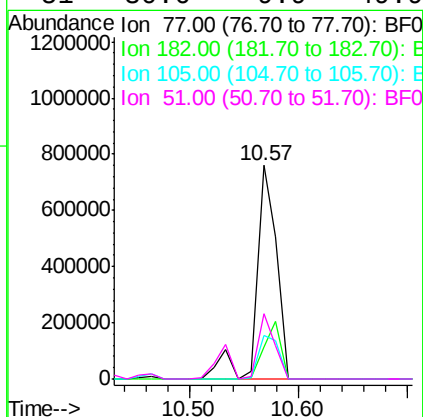
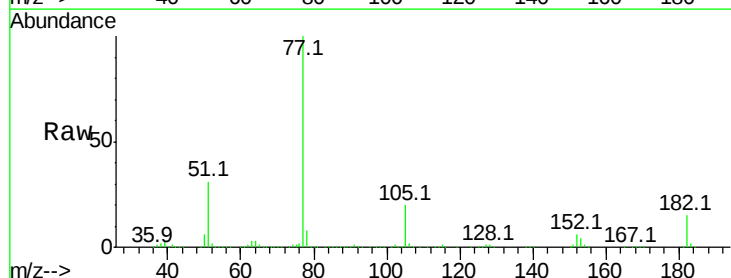
Instrument :
BNA_F
ClientSampleId :
1MS

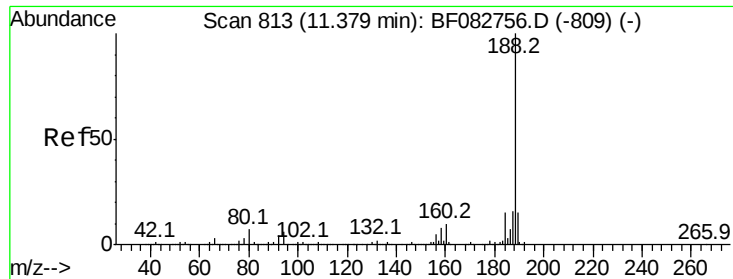
Tot Ion:138 Resp: 183524
Ion Ratio Lower Upper
138 100
92 56.7 45.8 85.8
108 76.7 89.4 129.4#



#62
Azobenzene
Concen: 32.75 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion: 77 Resp: 989456
Ion Ratio Lower Upper
77 100
182 15.1 9.3 49.3
105 20.3 2.6 42.6
51 30.6 9.9 49.9

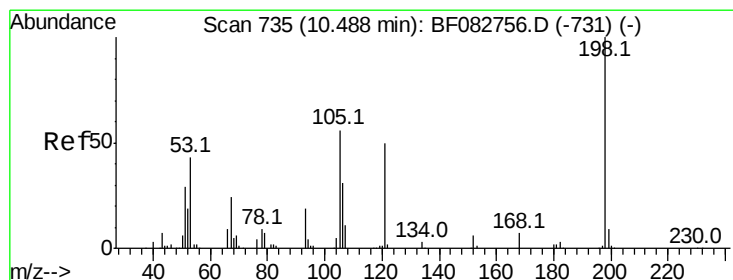
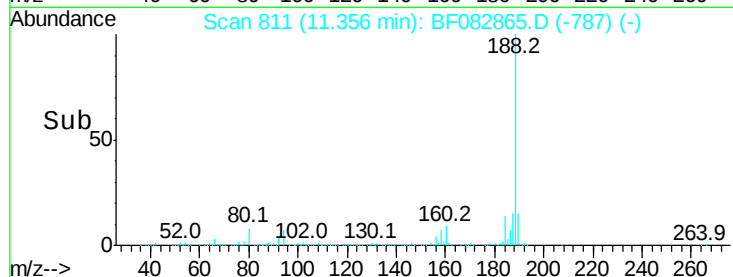
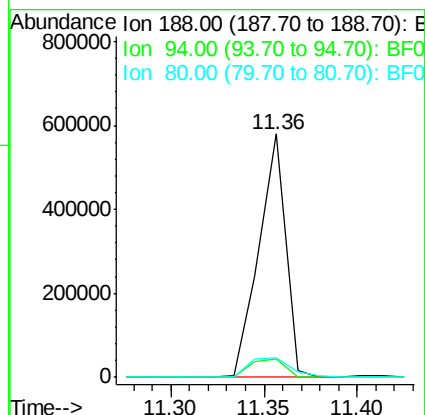
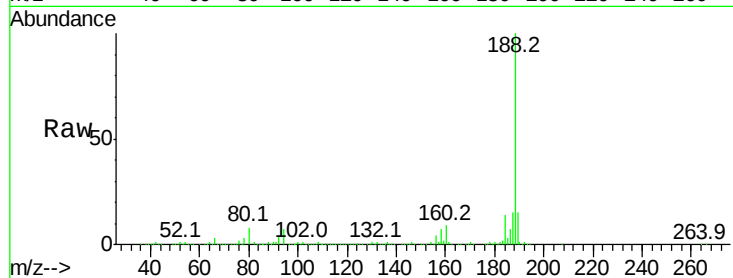




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

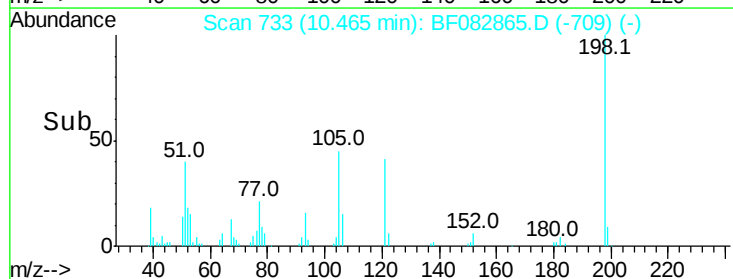
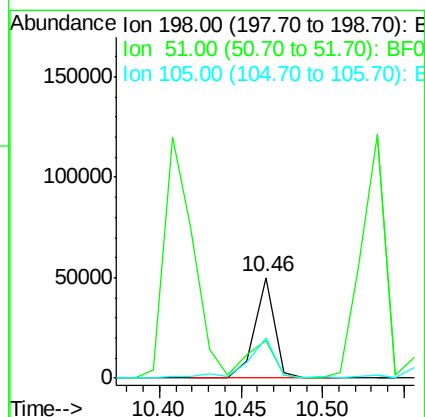
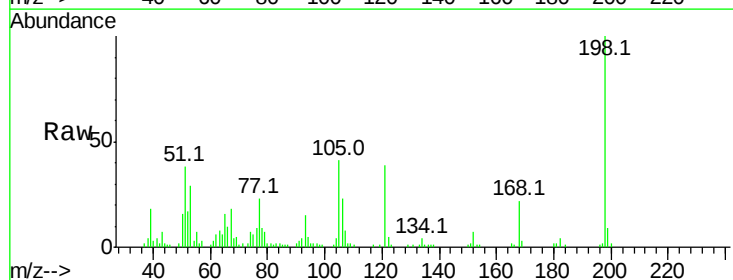
Instrument :
BNA_F
ClientSampleId :
1MS

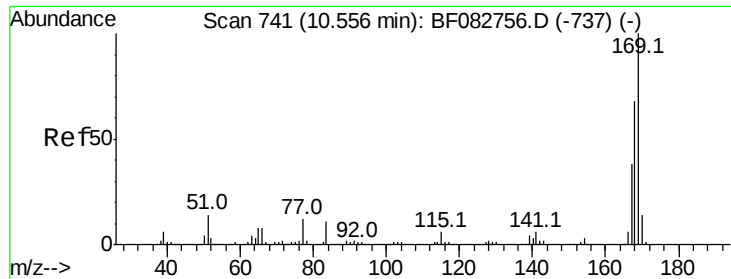
Tot Ion:188 Resp: 575214
Ion Ratio Lower Upper
188 100
94 7.3 6.1 9.1
80 7.9 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 10.40 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion:198 Resp: 42611
Ion Ratio Lower Upper
198 100
51 37.8 17.3 57.3
105 40.6 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 36.27 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampled :

1MS

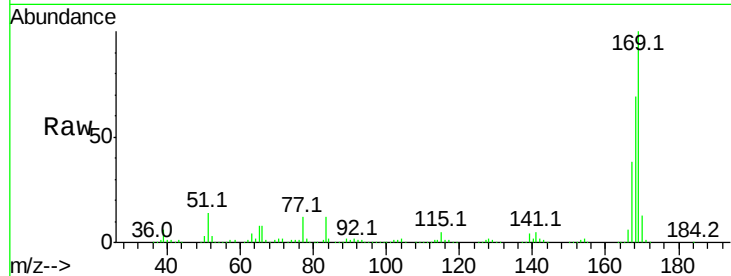
Tot Ion:169 Resp: 753606

Ion Ratio Lower Upper

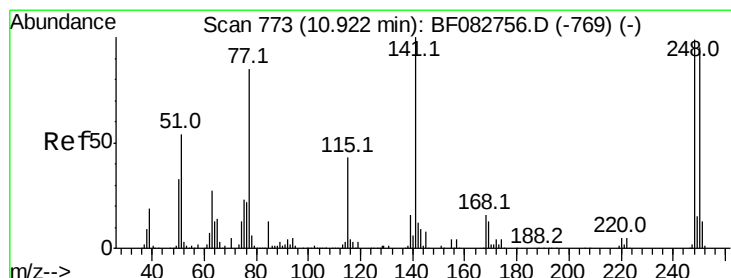
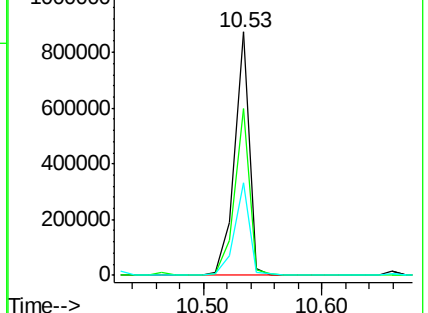
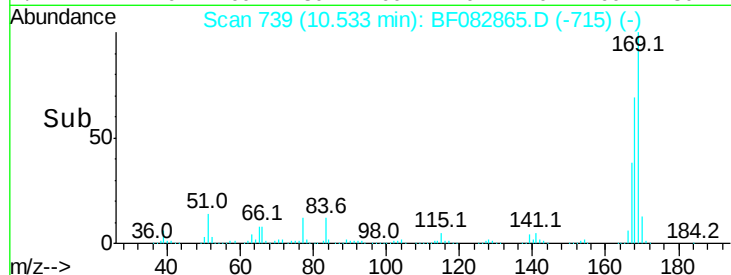
169 100

168 68.6 55.0 82.6

167 38.2 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: 31.95 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

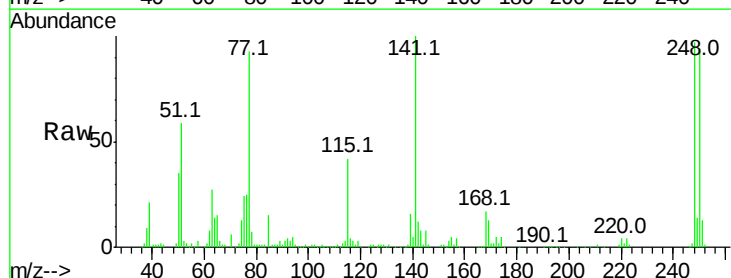
Tgt Ion:248 Resp: 221286

Ion Ratio Lower Upper

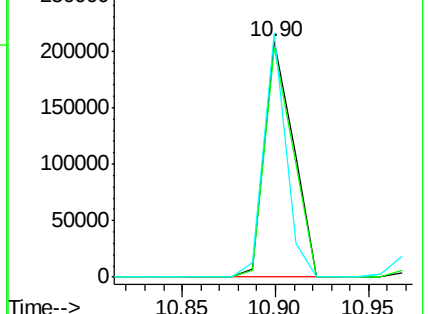
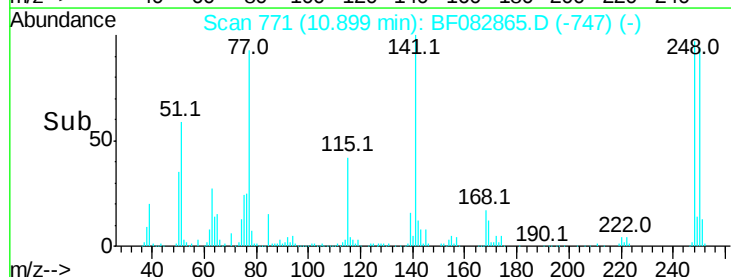
248 100

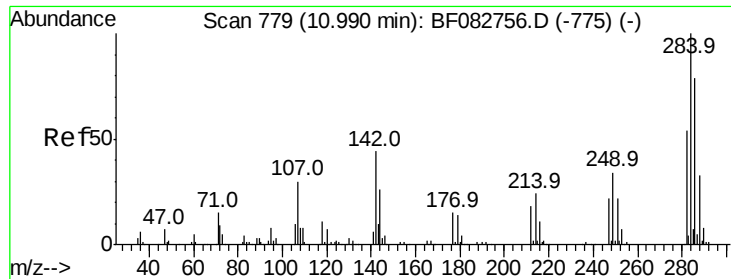
250 97.5 79.4 119.2

141 103.3 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: 30.12 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

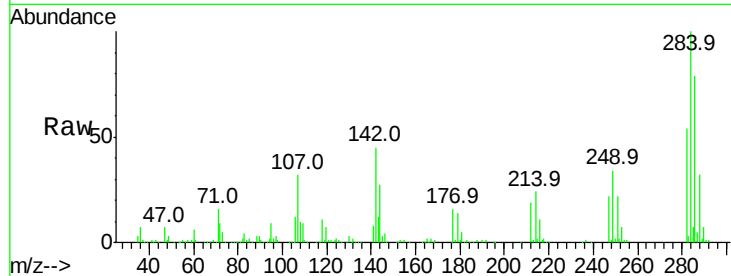
Tot Ion:284 Resp: 232915

Ion Ratio Lower Upper

284 100

142 45.5 47.9 71.9#

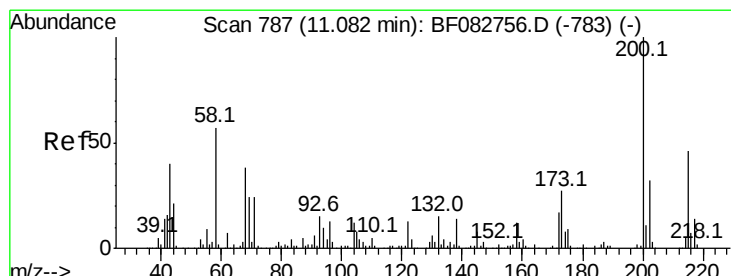
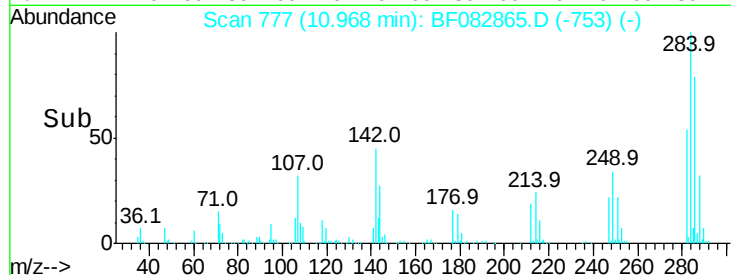
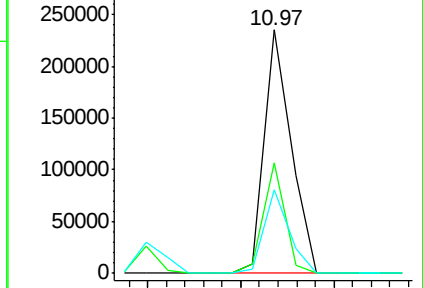
249 34.2 29.7 44.5



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: 32.45 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

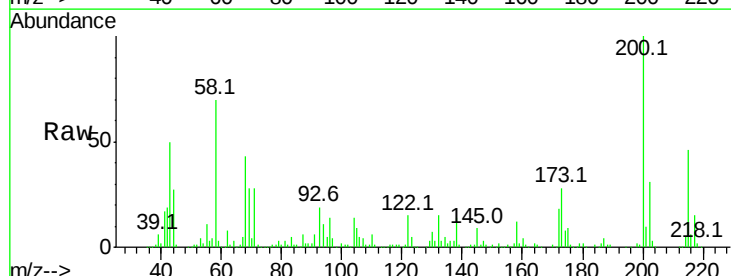
Tgt Ion:200 Resp: 208492

Ion Ratio Lower Upper

200 100

173 28.4 6.9 46.9

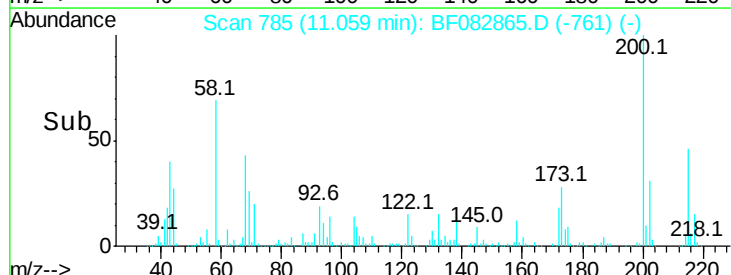
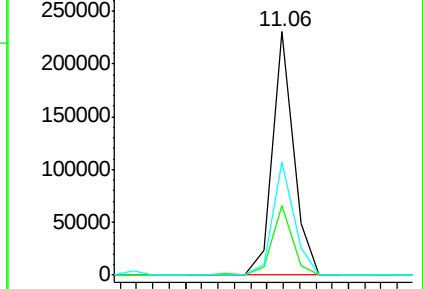
215 46.3 22.9 62.9

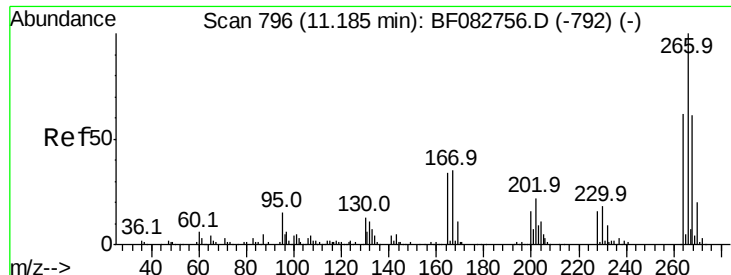


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

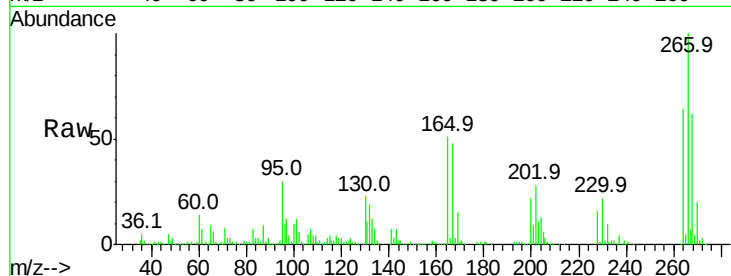




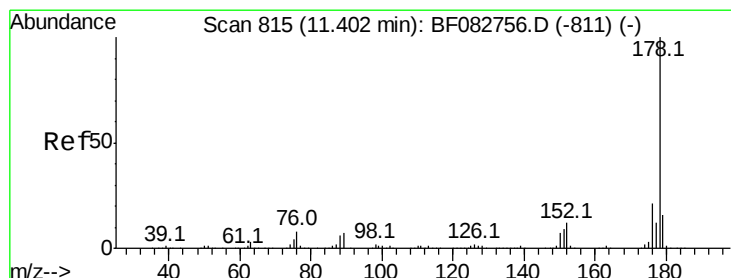
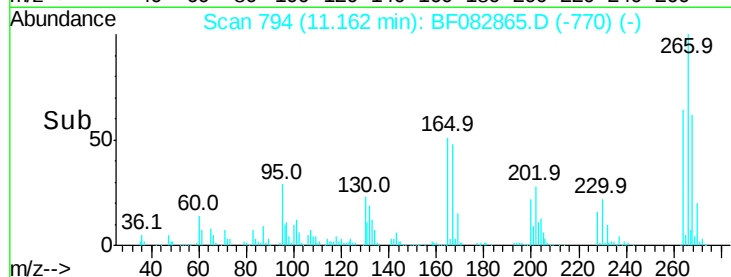
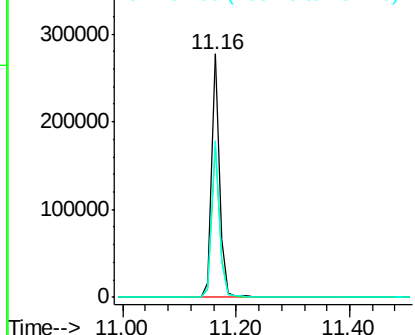
#69
 Pentachlorophenol
 Concen: 55.39 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Instrument :
 BNA_F
 ClientSampled :
 1MS

Tot Ion:266 Resp: 260129
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.0 76.6
 264 64.4 50.6 75.8

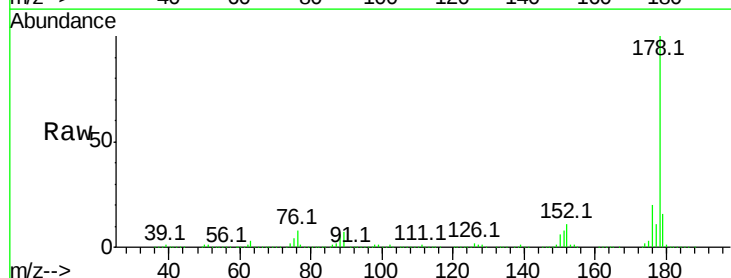


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

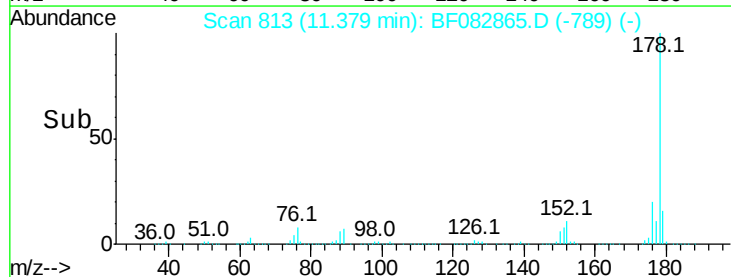
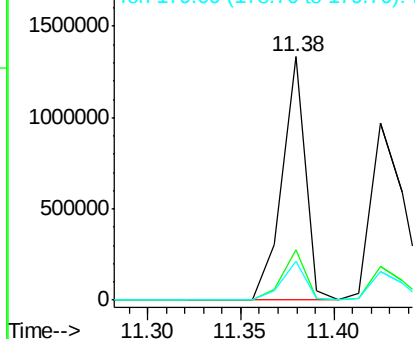


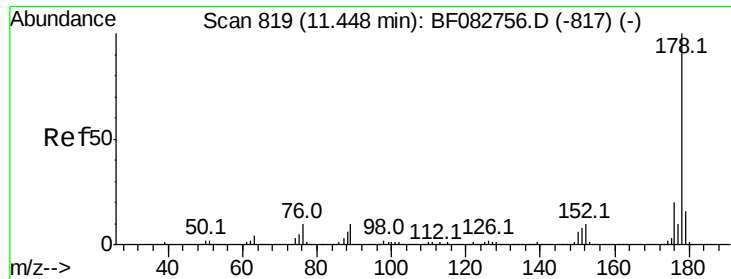
#70
 Phenanthrene
 Concen: 34.81 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion:178 Resp: 1162909
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.0 25.4
 179 16.2 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

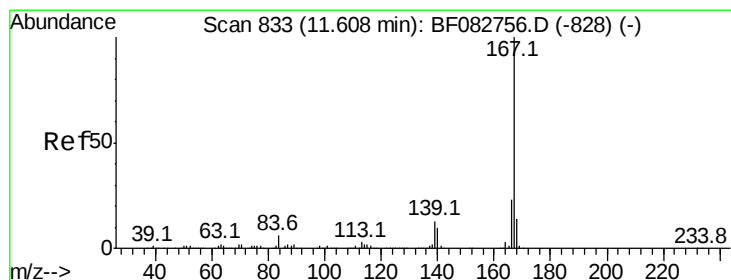
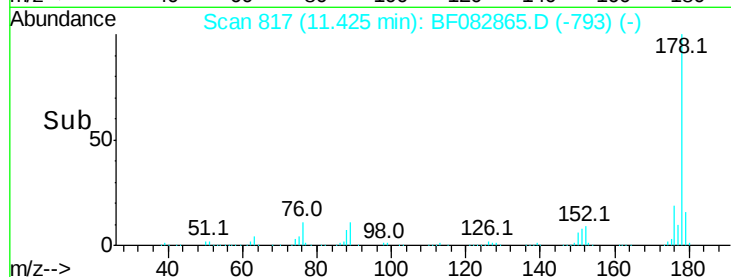
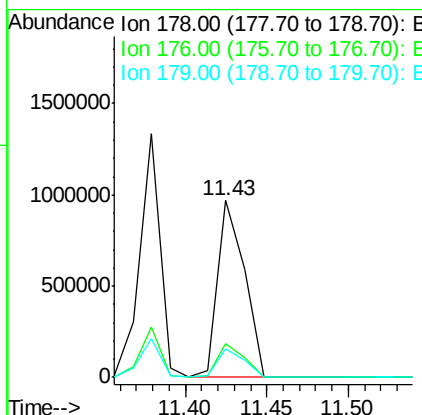
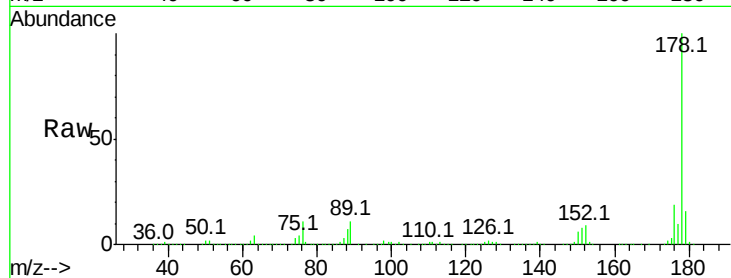




#71
 Anthracene
 Concen: 31.20 ng
 RT: 11.43 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

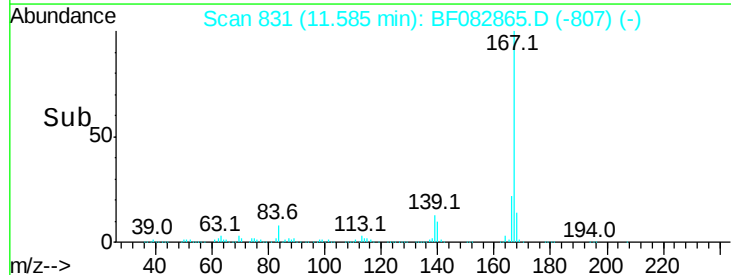
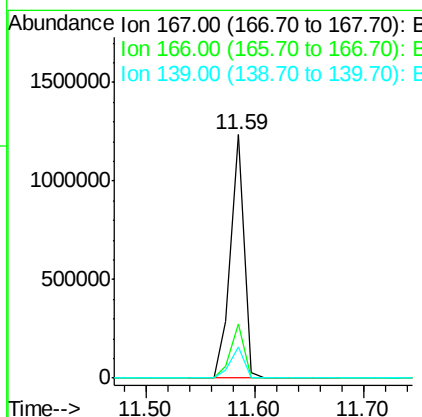
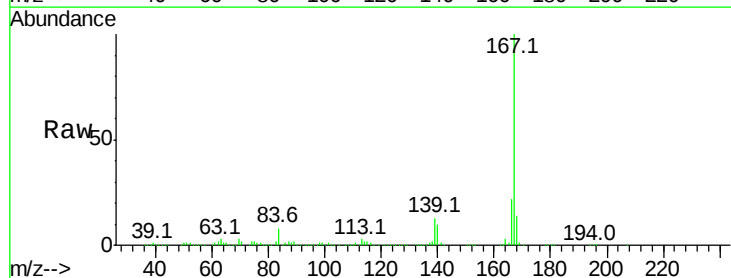
Instrument :
 BNA_F
 ClientSampleId :
 1MS

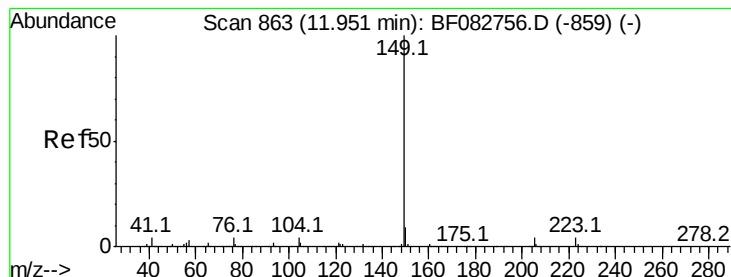
Tot Ion:178 Resp: 1097759
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.5 24.7
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: 34.81 ng
 RT: 11.59 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion:167 Resp: 1072283
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 12.8 11.8 17.6





#73

Di-n-butylphthalate

Concen: 33.52 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

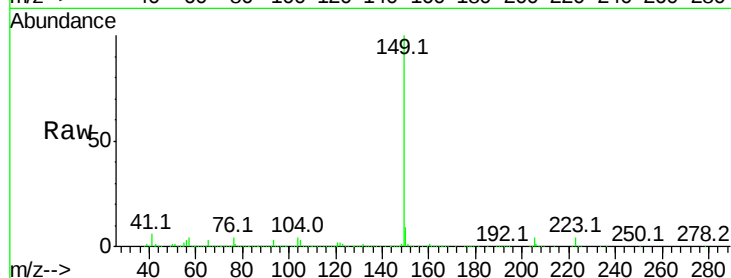
Tot Ion:149 Resp: 1286521

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

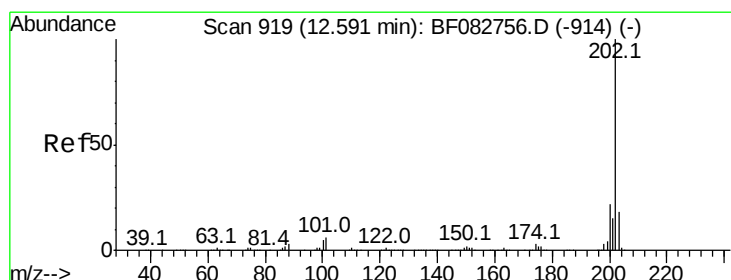
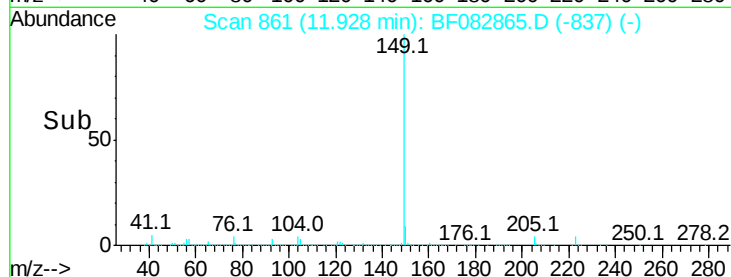
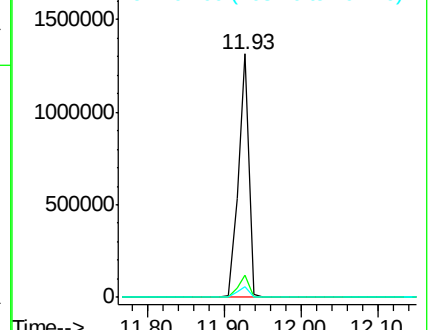
104 4.2 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.97 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

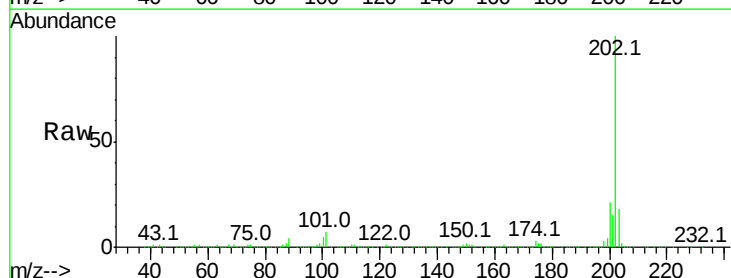
Tgt Ion:202 Resp: 1181812

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.5

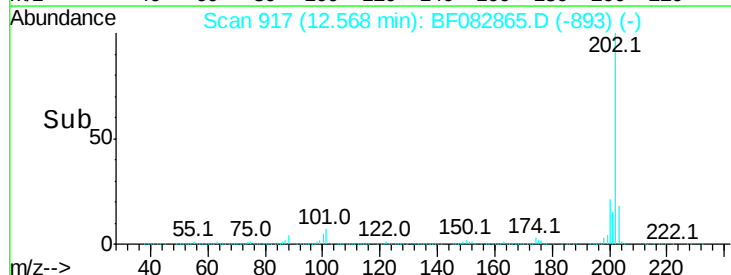
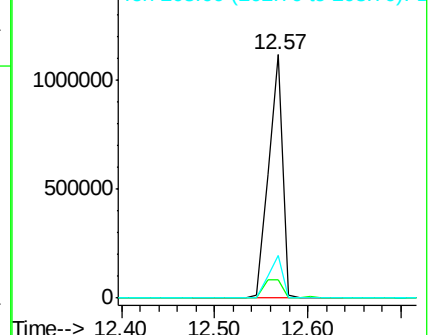
203 17.6 0.0 38.5

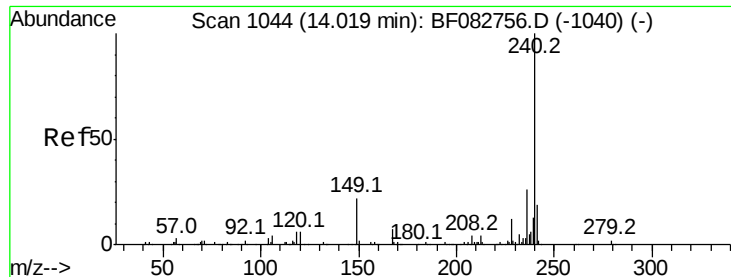


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampled :

1MS

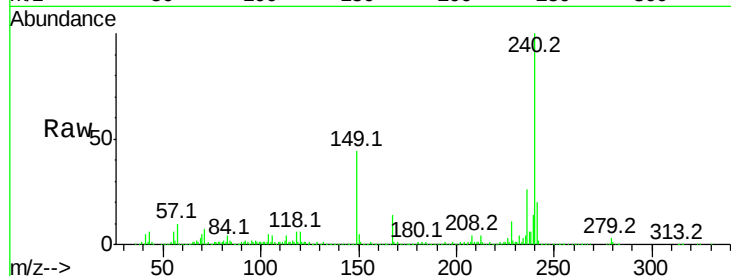
Tot Ion:240 Resp: 429453

Ion Ratio Lower Upper

240 100

120 6.3 10.9 16.3#

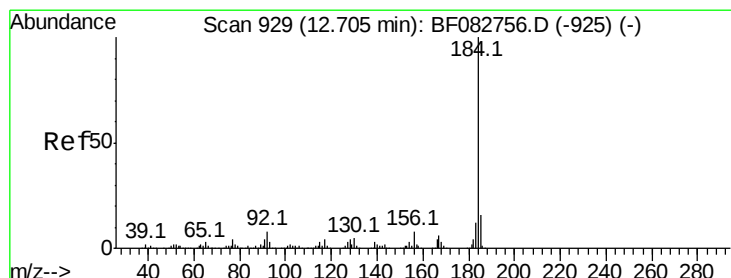
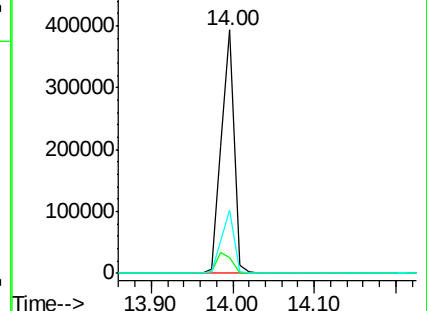
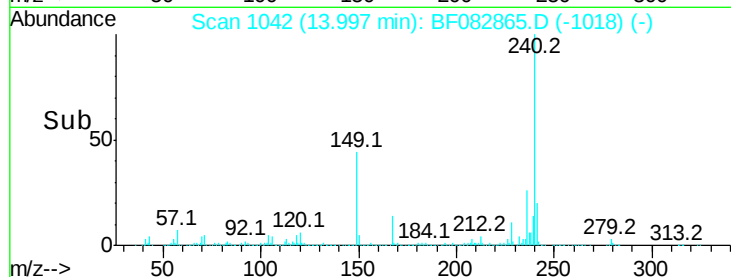
236 25.9 21.6 32.4



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: 12.19 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

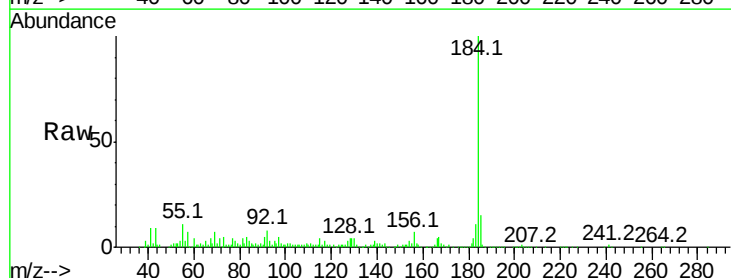
Tgt Ion:184 Resp: 175436

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

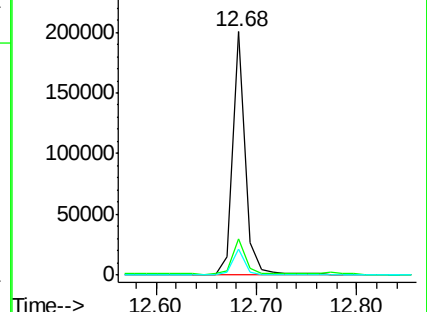
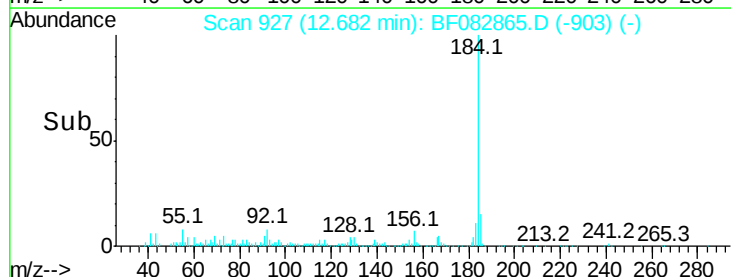
183 10.9 9.6 14.4

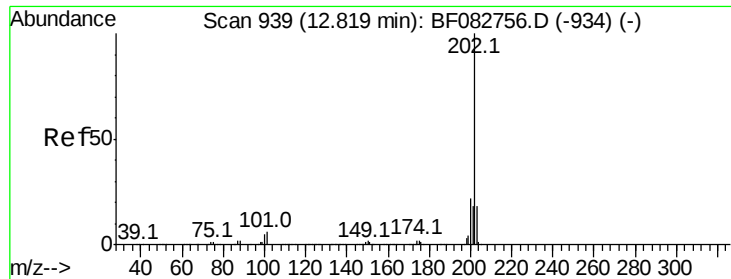


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

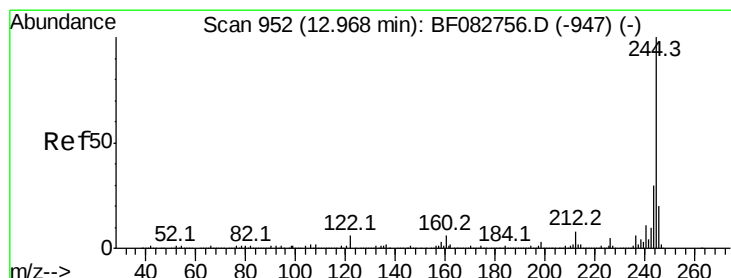
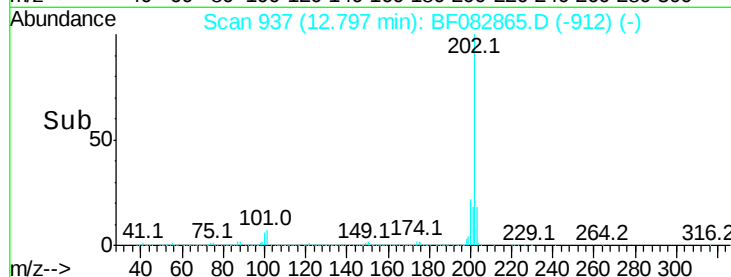
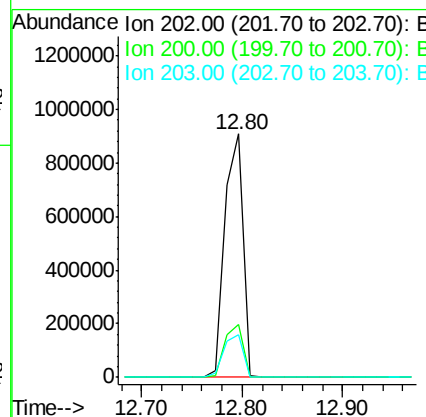
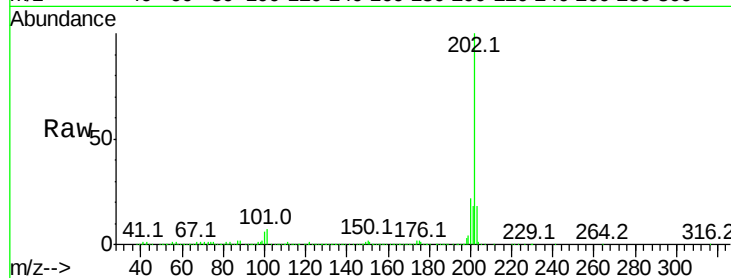




#77
Pvrene
Concen: 38.70 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

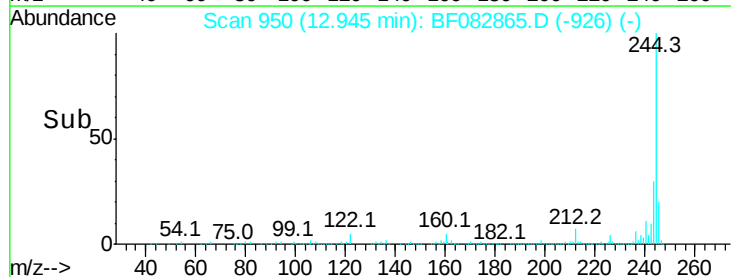
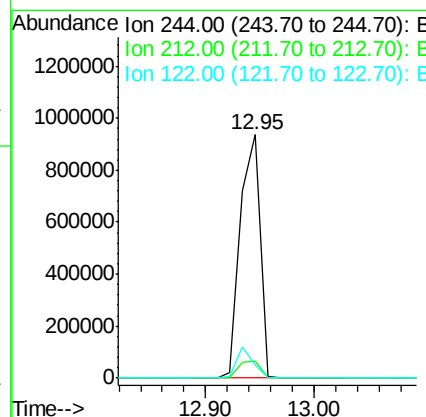
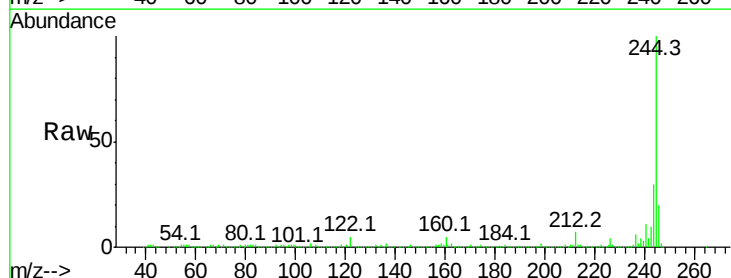
Instrument :
BNA_F
ClientSampleId :
1MS

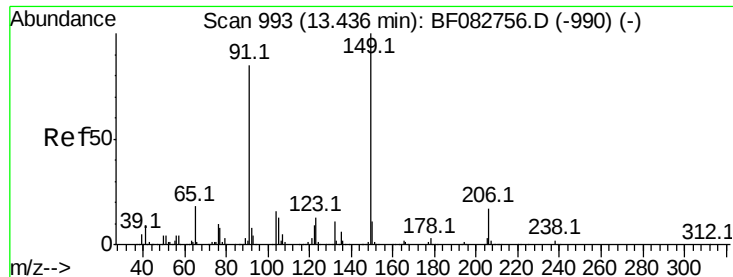
Tot Ion:202 Resp: 1141375
Ion Ratio Lower Upper
202 100
200 21.7 18.7 28.1
203 17.6 14.8 22.2



#78
Terphenyl-d14
Concen: 64.07 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion:244 Resp: 1160128
Ion Ratio Lower Upper
244 100
212 6.9 7.6 11.4#
122 5.3 11.3 16.9#

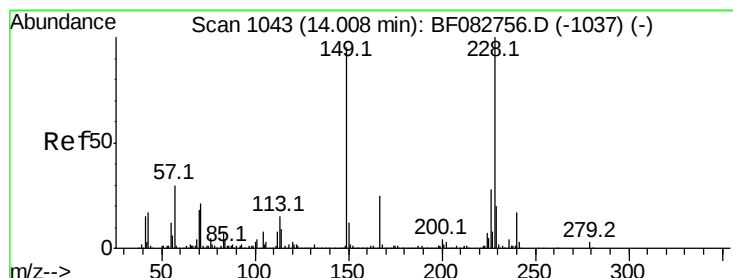
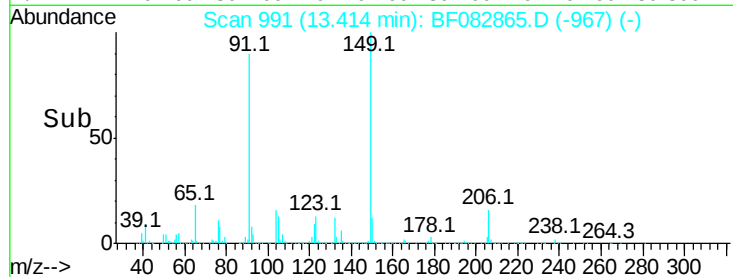
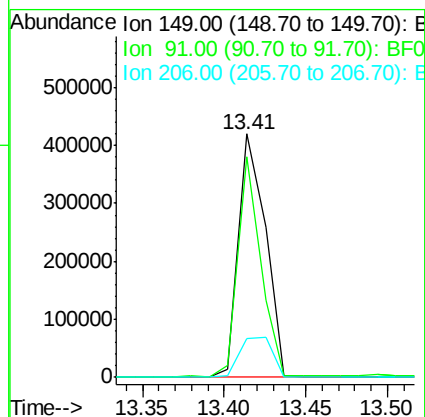
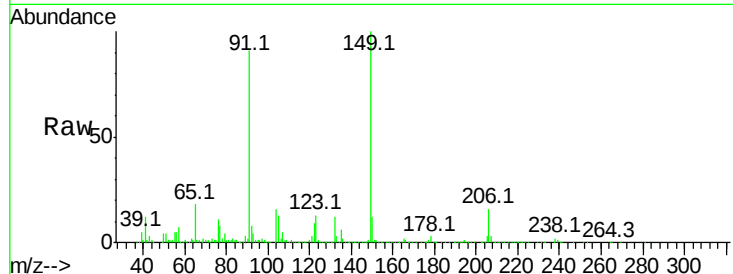




#79
Butylbenzylphthalate
Concen: 36.44 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

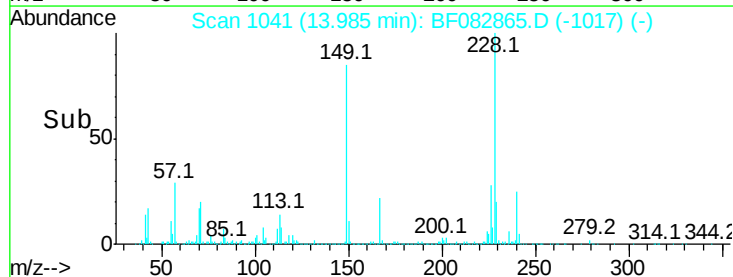
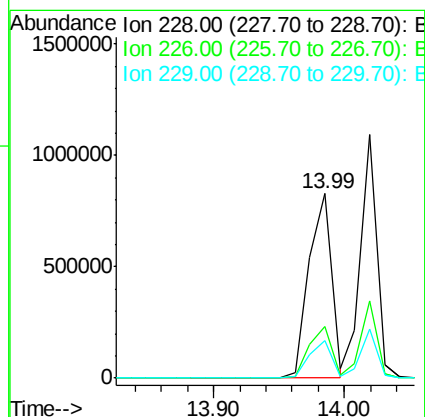
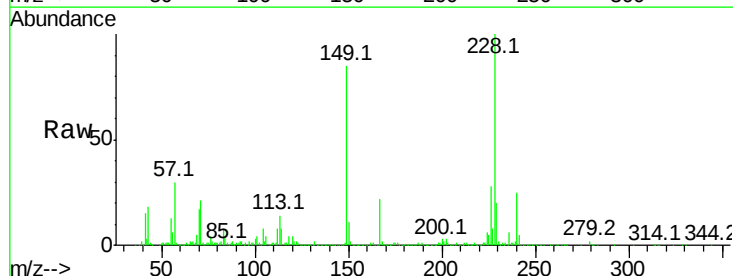
Instrument :
BNA_F
ClientSampleId :
1MS

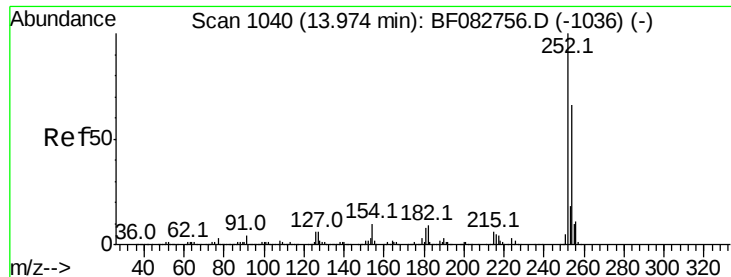
Tot Ion:149 Resp: 474811
Ion Ratio Lower Upper
149 100
91 90.5 67.7 101.5
206 15.9 14.6 22.0



#80
Benzo(a)anthracene
Concen: 36.78 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF082865.D
Acq: 10 Nov 2015 10:40

Tgt Ion:228 Resp: 987750
Ion Ratio Lower Upper
228 100
226 28.3 23.4 35.2
229 20.3 16.3 24.5

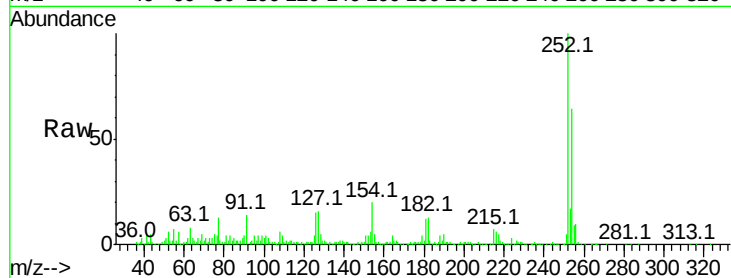




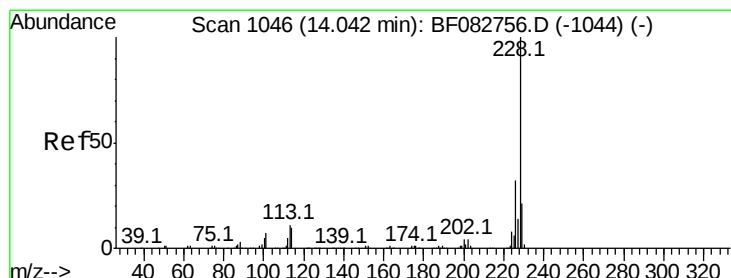
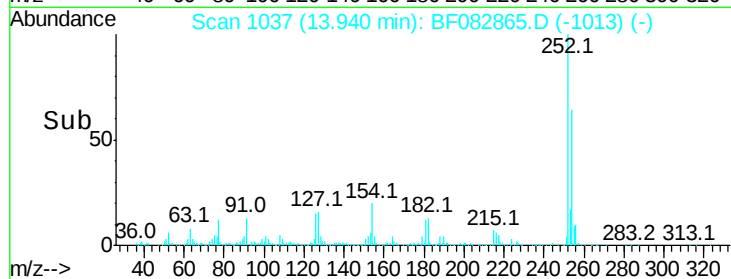
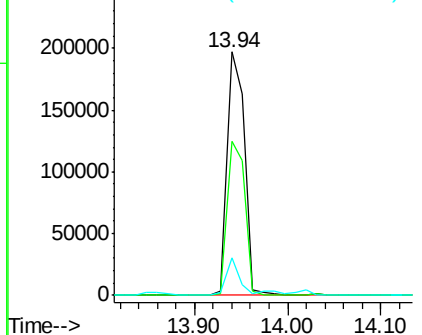
#81
 3,3'-Dichlorobenzidine
 Concen: 27.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Instrument :
 BNA_F
 ClientSampleId :
 1MS

Tot Ion:252 Resp: 257788
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.4 77.0
 126 15.3 10.7 16.1

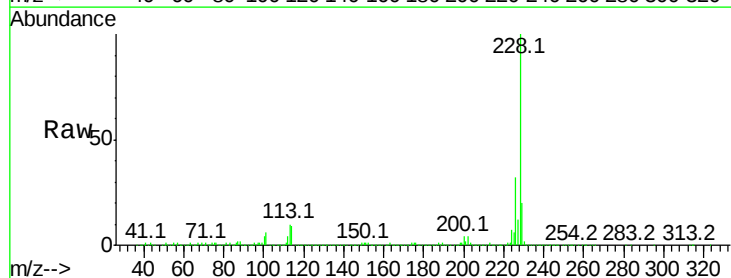


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

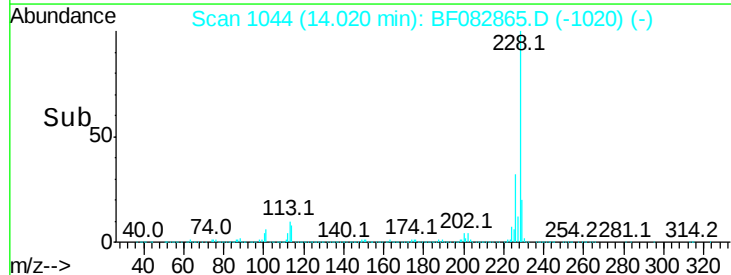
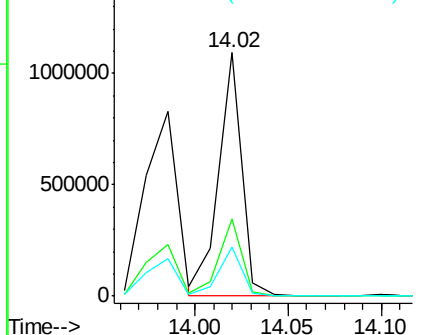


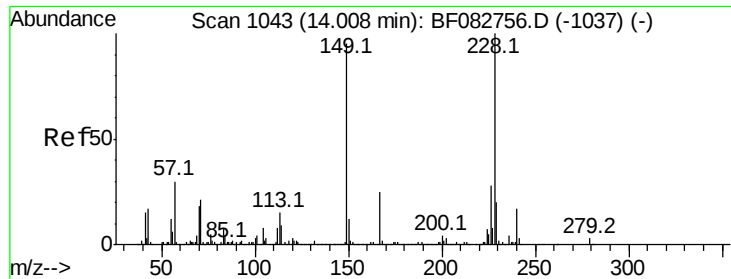
#82
 Chrysene
 Concen: 38.31 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion:228 Resp: 942217
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.4 16.3 24.5



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

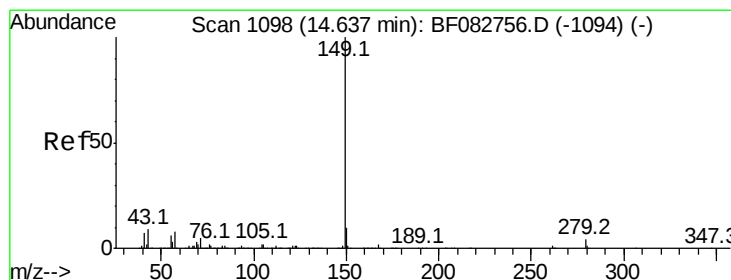
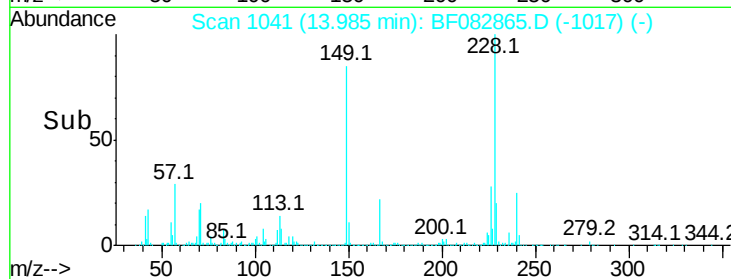
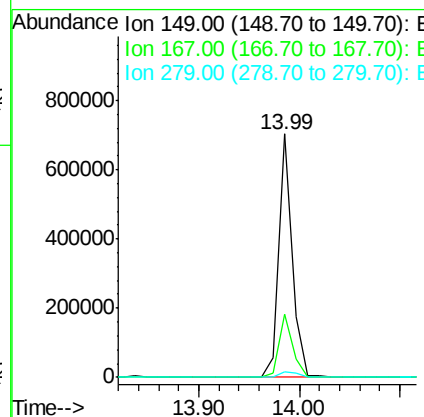
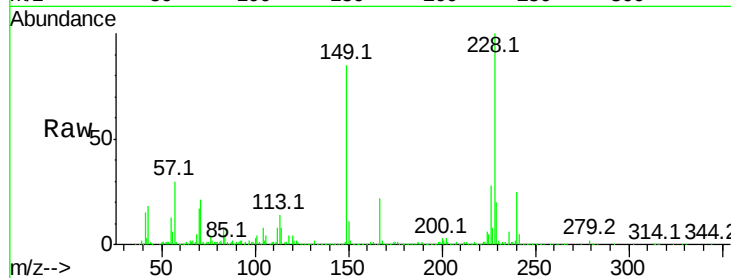




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.26 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

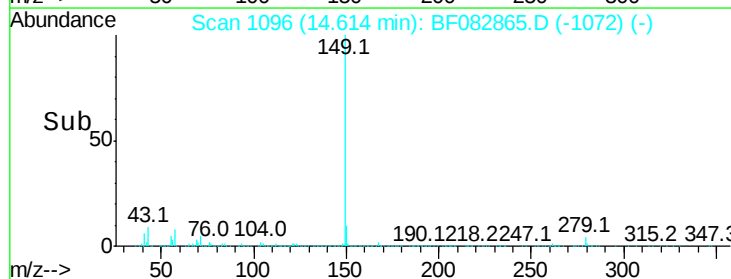
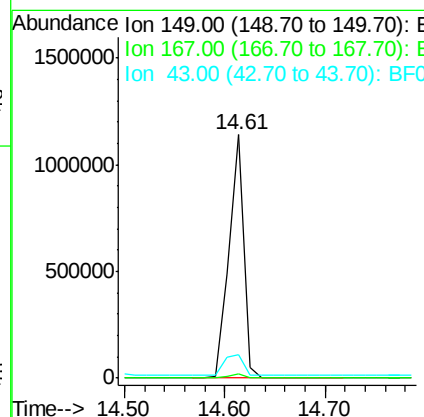
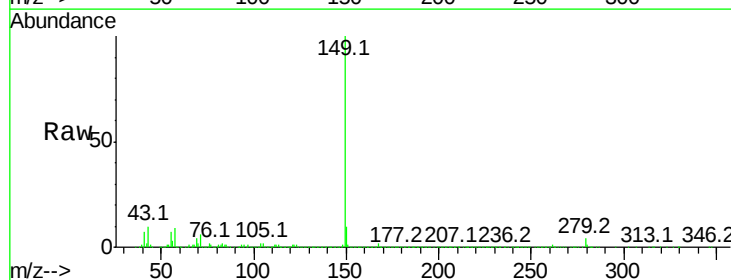
Instrument :
 BNA_F
 ClientSampleId :
 1MS

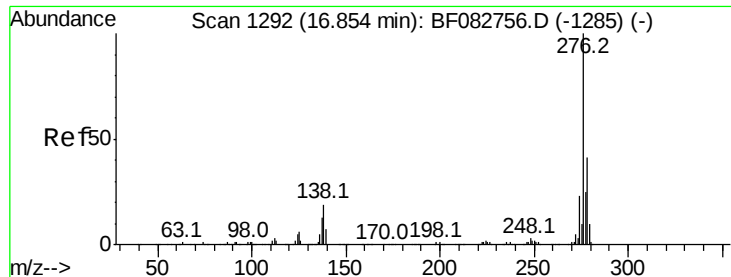
Tot Ion:149 Resp: 646642
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.2 31.8
 279 2.4 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 38.93 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082865.D
 Acq: 10 Nov 2015 10:40

Tgt Ion:149 Resp: 1158057
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.4 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.42 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

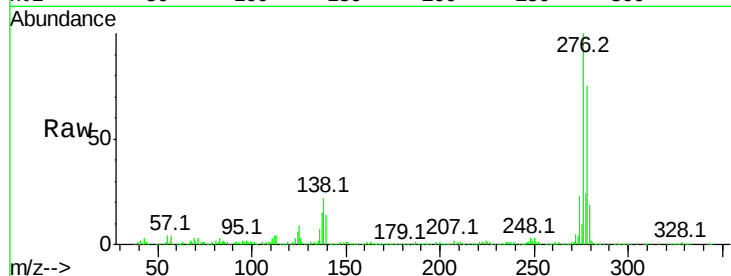
Tot Ion:276 Resp: 729178

Ion Ratio Lower Upper

276 100

138 23.8 15.3 22.9#

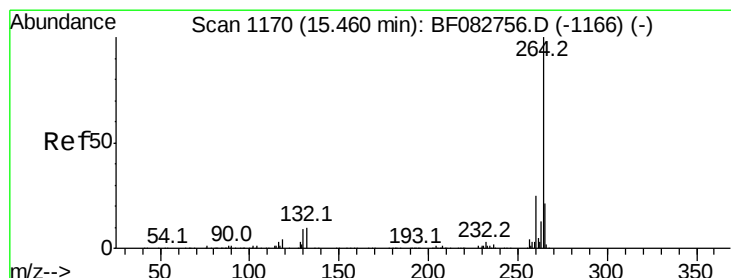
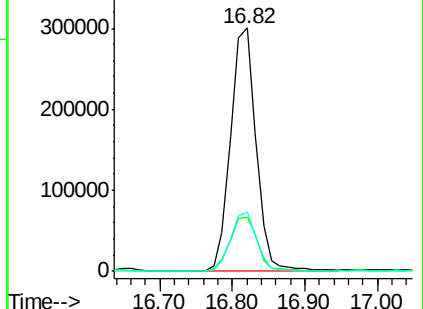
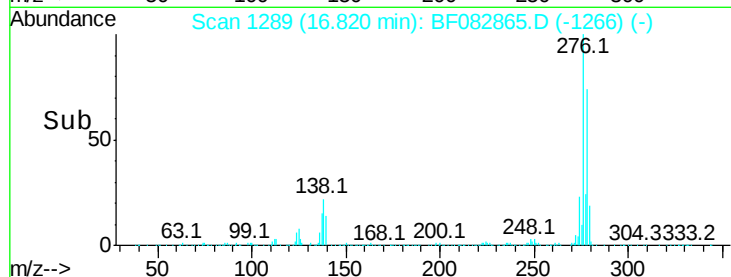
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

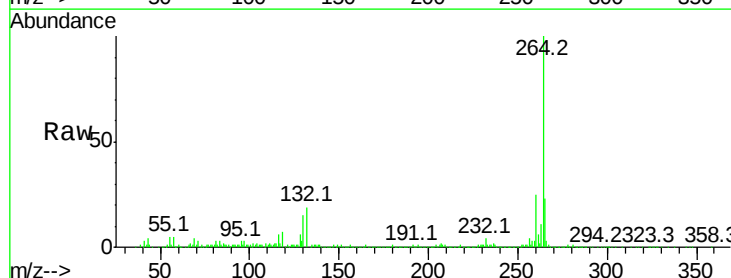
Tgt Ion:264 Resp: 390297

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

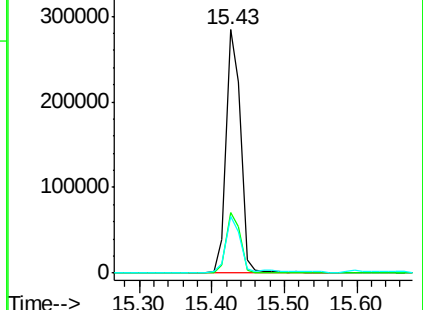
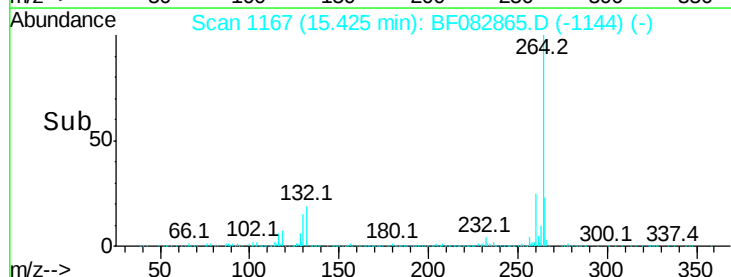
265 23.2 17.4 26.0

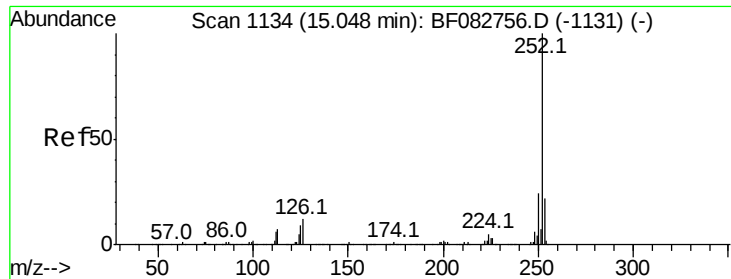


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.26 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.02 min

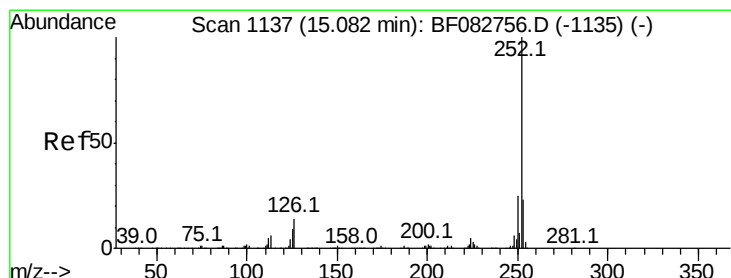
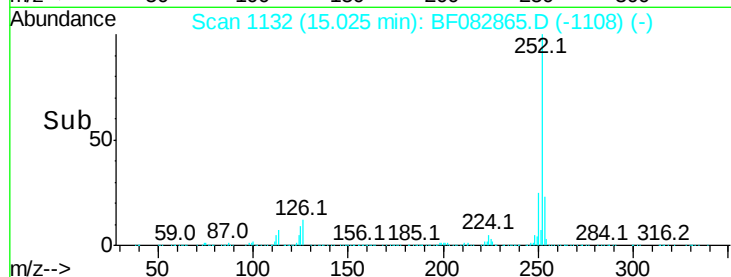
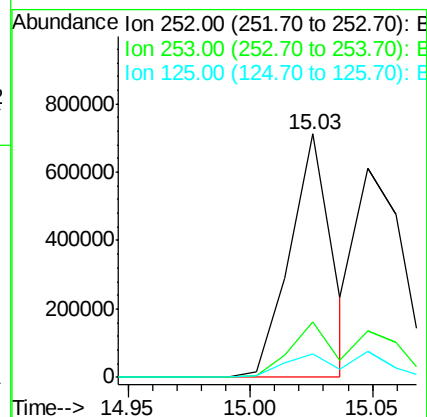
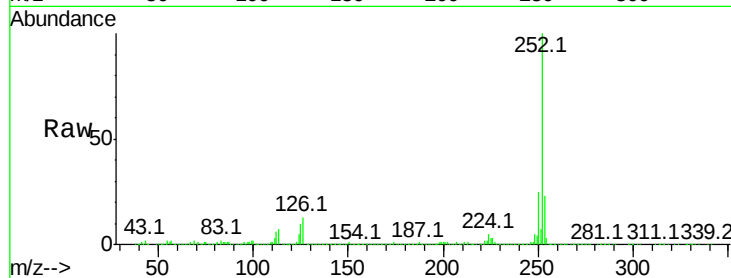
Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :
BNA_F
ClientSampleId :
1MS

Tot Ion:252 Resp: 858300

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.7	5.4	8.2#



#88

Benzo(k)fluoranthene

Concen: 35.43 ng m

RT: 15.05 min Scan# 1134

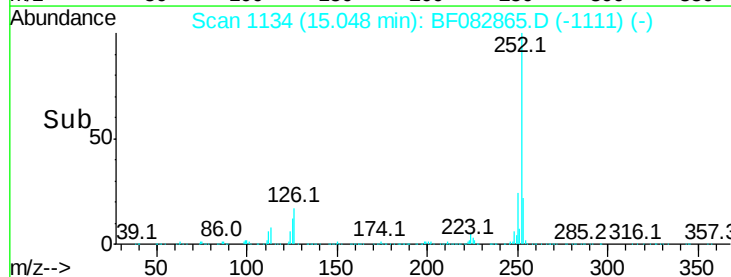
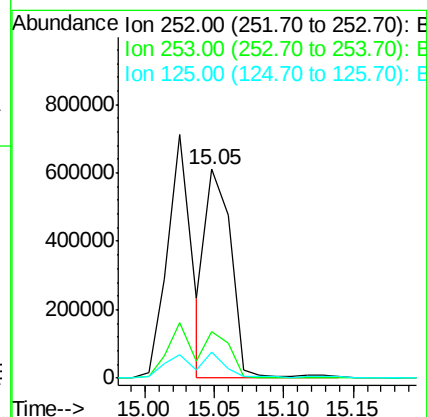
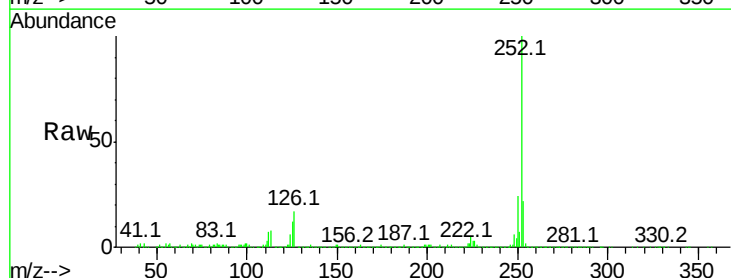
Delta R.T. -0.03 min

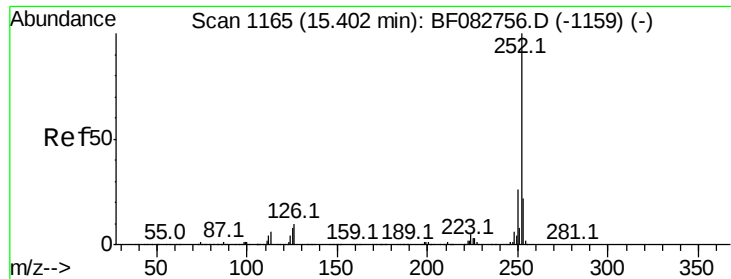
Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Tgt Ion:252 Resp: 787481

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.3	3.5	5.3#





#89

Benzo(a)pyrene

Concen: 35.12 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.03 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

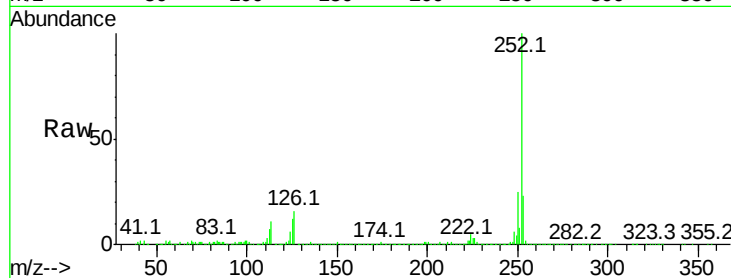
Tot Ion:252 Resp: 762363

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

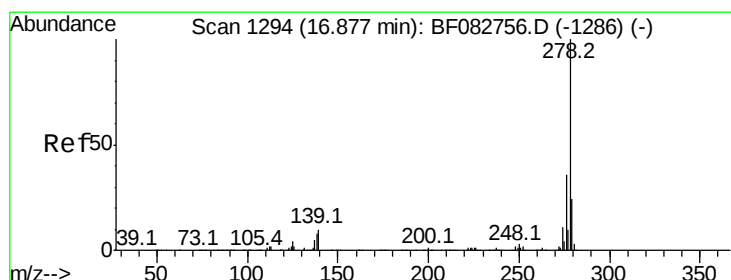
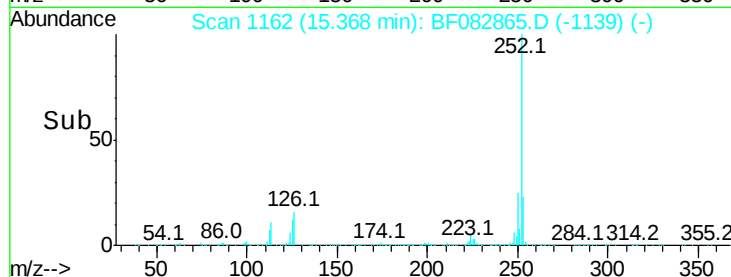
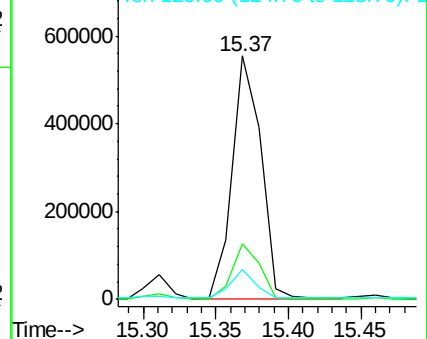
125 12.2 7.1 10.7#



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: 33.09 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

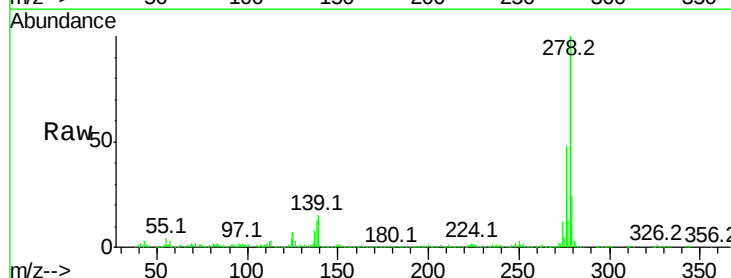
Tgt Ion:278 Resp: 608252

Ion Ratio Lower Upper

278 100

139 14.6 9.9 14.9

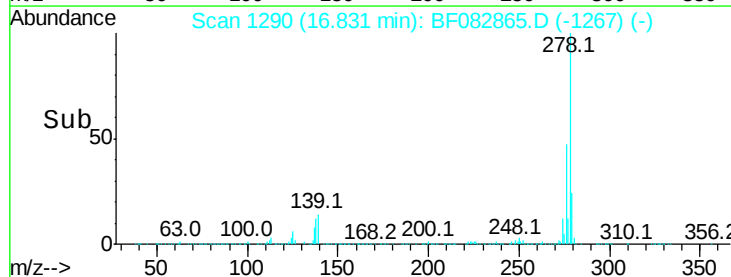
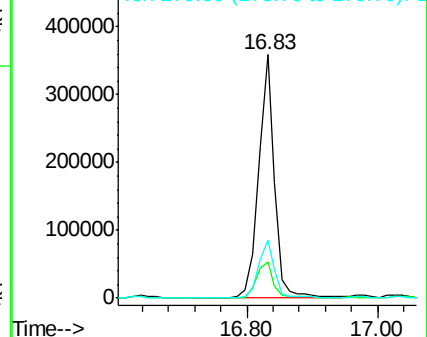
279 23.7 19.6 29.4

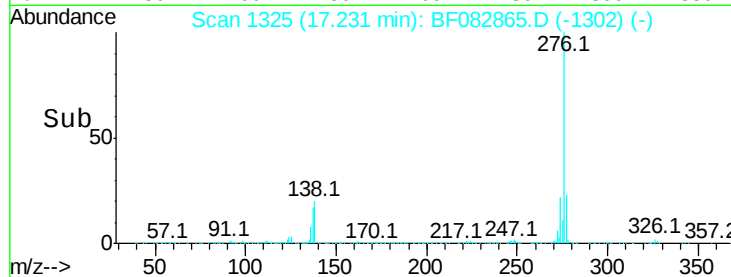
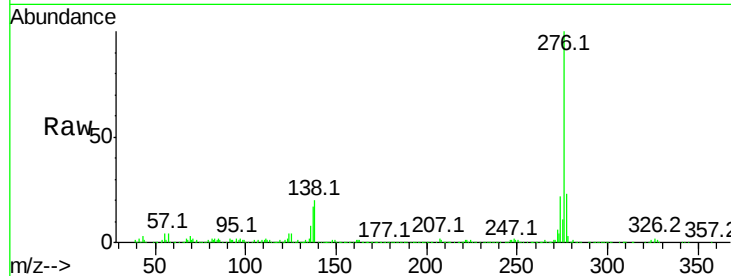
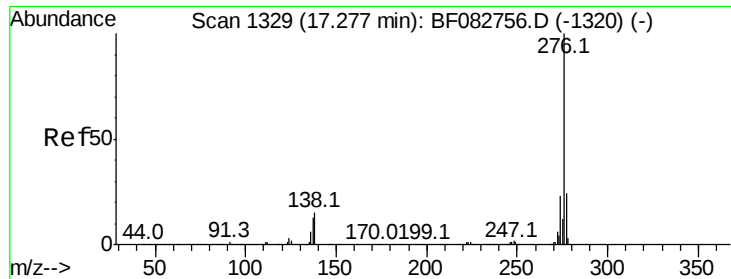


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.89 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BF082865.D

Acq: 10 Nov 2015 10:40

Instrument :

BNA_F

ClientSampleId :

1MS

Tot Ion:276 Resp: 614160

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 20.0 13.1 19.7#

