

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082836.D
 Acq On : 9 Nov 2015 18:27
 Operator : UM/IZ
 Sample : PB86527BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Quant Time: Nov 10 02:51:57 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	236925	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	879266	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	432786	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	796081	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	603081	20.00	ng	-0.03
86) Perylene-d12	15.41	264	643912	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1486943	97.65	ng	0.00
7) Phenol-d6	6.48	99	2169074	107.15	ng	0.00
23) Nitrobenzene-d5	7.39	82	1525790	75.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	451067	90.90	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2052337	67.97	ng	-0.02
78) Terphenyl-d14	12.94	244	2192790	86.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	220184	33.51	ng	94
3) Pyridine	3.23	79	716586	37.59	ng	98
4) n-Nitrosodimethylamine	3.18	42	315843	33.40	ng	# 77
6) Aniline	6.49	93	603447	21.23	ng	# 1
8) 2-Chlorophenol	6.61	128	573144	33.95	ng	# 77
9) Benzaldehyde	6.37	77	57297	5.12	ng	80
10) Phenol	6.49	94	929149	40.45	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	596356	34.72	ng	91
12) 1,3-Dichlorobenzene	6.84	146	649181	34.10	ng	97
13) 1,4-Dichlorobenzene	6.84	146	649181	32.77	ng	98
14) 1,2-Dichlorobenzene	7.00	146	612560	34.01	ng	98
15) Benzyl Alcohol	6.98	79	635658	35.76	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	926434	36.77	ng	97
17) 2-Methylphenol	7.09	107	513516	35.92	ng	97
18) Hexachloroethane	7.34	117	239141	33.76	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	481247	32.34	ng	87
20) 3+4-Methylphenols	7.25	107	660476	35.53	ng	# 67
22) Acetophenone	7.24	105	847523	33.64	ng	# 92
24) Nitrobenzene	7.41	77	723526	35.01	ng	91
25) Isophorone	7.65	82	1280282	34.24	ng	98
26) 2-Nitrophenol	7.73	139	335100	38.85	ng	# 68
27) 2,4-Dimethylphenol	7.78	122	599755	38.70	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	763711	36.21	ng	98
29) 2,4-Dichlorophenol	7.97	162	503499	35.95	ng	87
30) 1,2,4-Trichlorobenzene	8.06	180	572758	36.36	ng	# 94
31) Naphthalene	8.14	128	1692843	34.90	ng	98
32) Benzoic acid	7.90	122	349489	32.94	ng	87
33) 4-Chloroaniline	8.19	127	316695	15.15	ng	# 82
34) Hexachlorobutadiene	8.27	225	335021	33.98	ng	98
35) Caprolactam	8.56	113	143815	32.57	ng	# 74
36) 4-Chloro-3-methylphenol	8.68	107	602754	36.59	ng	# 81
37) 2-Methylnaphthalene	8.83	142	1056553	33.67	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	533254	37.49	ng	98
40) Hexachlorocyclopentadiene	8.99	237	592432	77.54	ng	100

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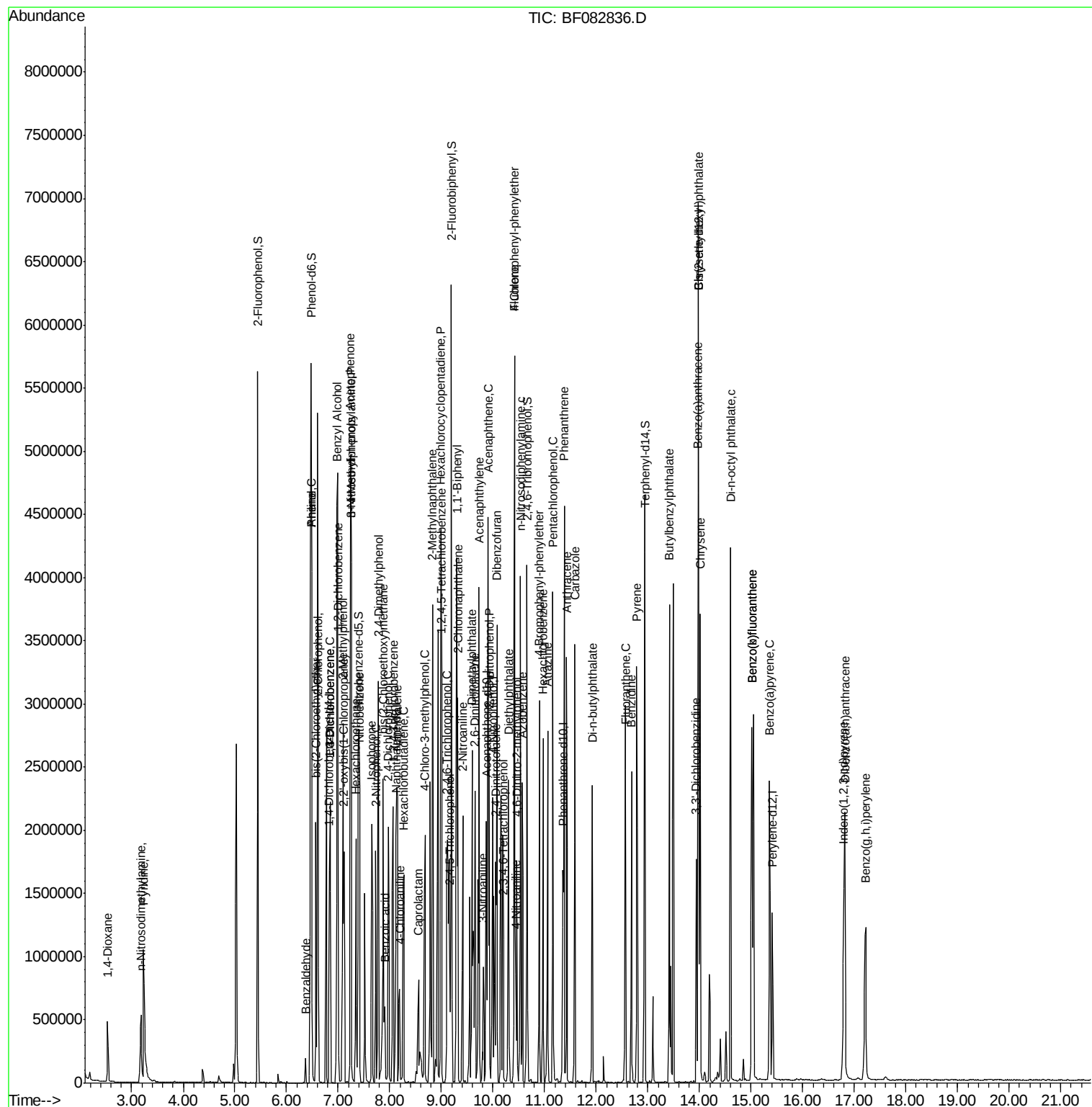
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	381120	35.90	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	385131	36.68	nq	# 75
45) 1,1'-Biphenyl	9.30	154	1382060	37.22	nq	99
46) 2-Chloronaphthalene	9.32	162	1114294	38.47	nq	98
47) 2-Nitroaniline	9.41	65	421249	39.20	nq	# 73
48) Acenaphthylene	9.73	152	1650461	36.35	nq	99
49) Dimethylphthalate	9.60	163	1157336	32.64	nq	100
50) 2,6-Dinitrotoluene	9.65	165	258158	34.12	nq	99
51) Acenaphthene	9.90	154	1152253	40.05	nq	99
52) 3-Nitroaniline	9.81	138	170560	20.50	nq	92
53) 2,4-Dinitrophenol	9.93	184	294426	70.88	nq	# 24
54) Dibenzofuran	10.08	168	1364752	35.18	nq	95
55) 4-Nitrophenol	10.00	139	514920	80.67	nq	85
56) 2,4-Dinitrotoluene	10.05	165	369281	35.97	nq	91
57) Fluorene	10.42	166	1129236	35.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	303111	35.37	nq	# 89
59) Diethylphthalate	10.30	149	1249926	36.10	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	526581	33.50	nq	# 90
61) 4-Nitroaniline	10.44	138	300127	35.87	nq	# 63
62) Azobenzene	10.57	77	1392809	37.45	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	198886	35.07	nq	# 65
65) n-Nitrosodiphenylamine	10.53	169	1037441	36.07	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	314489	32.81	nq	# 74
67) Hexachlorobenzene	10.97	284	349938	32.69	nq	# 84
68) Atrazine	11.06	200	303140	34.09	nq	96
69) Pentachlorophenol	11.16	266	428878	65.99	nq	99
70) Phenanthrene	11.38	178	1757968	38.03	nq	99
71) Anthracene	11.42	178	1658486	34.06	nq	99
72) Carbazole	11.58	167	1672735	39.24	nq	98
73) Di-n-butylphthalate	11.93	149	1870067	35.21	nq	# 96
74) Fluoranthene	12.57	202	1760130	35.48	nq	94
76) Benzidine	12.68	184	878510	43.47	nq	100
77) Pyrene	12.78	202	1767878	42.69	nq	98
79) Butylbenzylphthalate	13.41	149	774104	42.31	nq	99
80) Benzo(a)anthracene	13.97	228	1551569	41.14	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	336818	25.12	nq	98
82) Chrysene	14.02	228	1619547	46.89	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	1065493	42.55	nq	# 98
84) Di-n-octyl phthalate	14.60	149	1851411	44.32	nq	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	1355162	45.55	nq	96
87) Benzo(b)fluoranthene	15.01	252	1411563	34.15	nq	# 96
88) Benzo(k)fluoranthene	15.01	252	1411563	38.50	nq	# 96
89) Benzo(a)pyrene	15.36	252	1355172	37.84	nq	# 96
90) Dibenzo(a,h)anthracene	16.82	278	1137478	37.51	nq	98
91) Benzo(g,h,i)perylene	17.22	276	1089930	37.53	nq	99

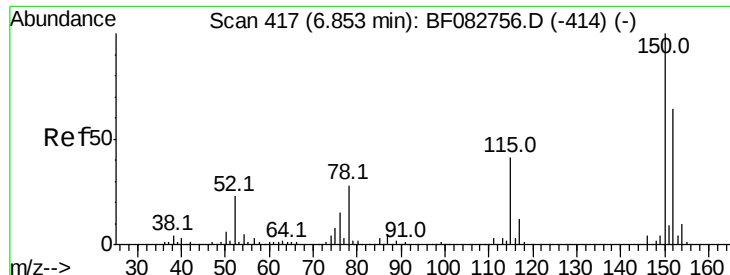
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

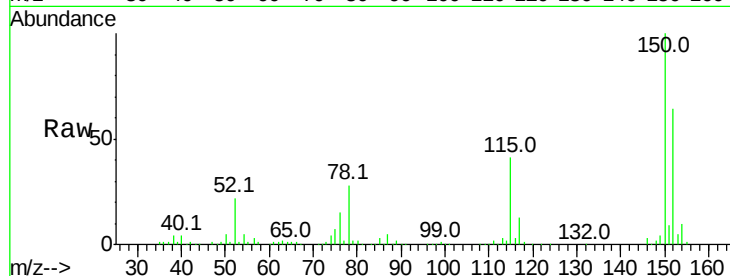
Tot Ion:152 Resp: 236925

Ion Ratio Lower Upper

152 100

150 155.2 127.0 190.4

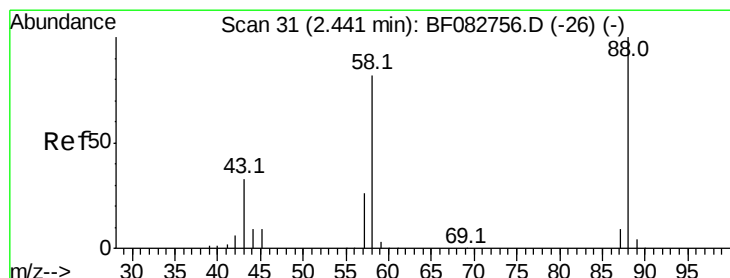
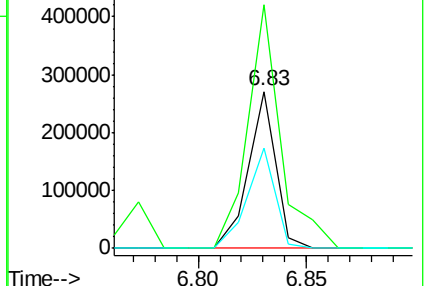
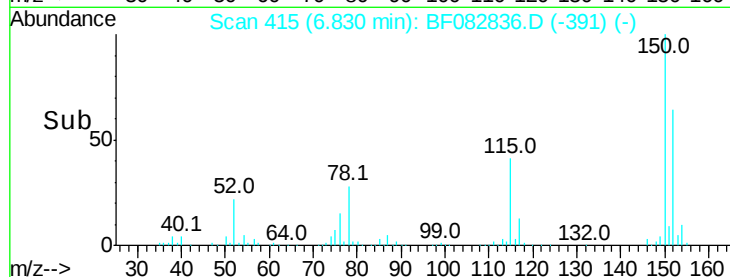
115 63.8 47.0 70.6



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: 33.51 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.09 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

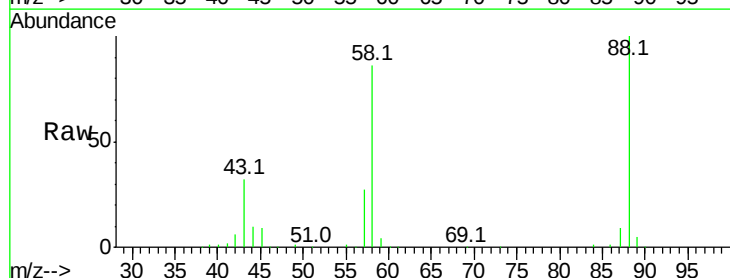
Tgt Ion: 88 Resp: 220184

Ion Ratio Lower Upper

88 100

58 83.1 62.0 93.0

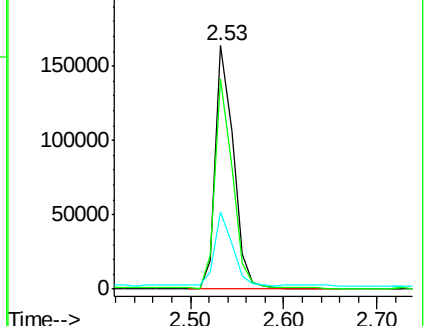
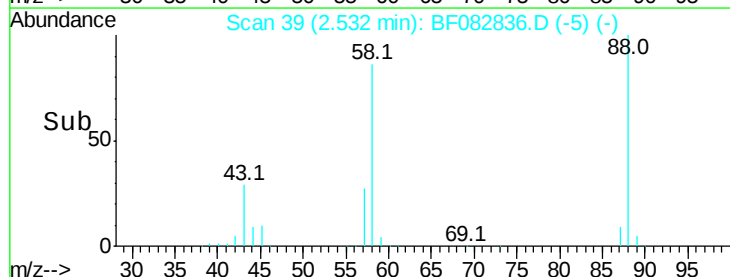
43 29.7 26.6 40.0

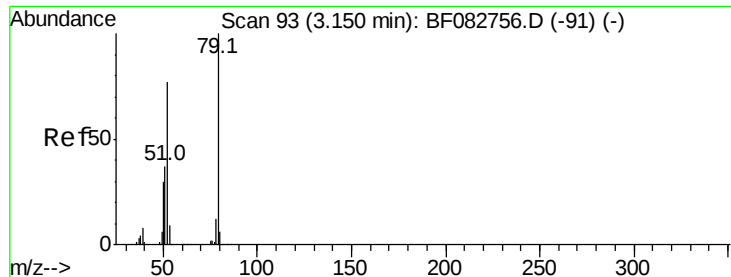


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.59 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

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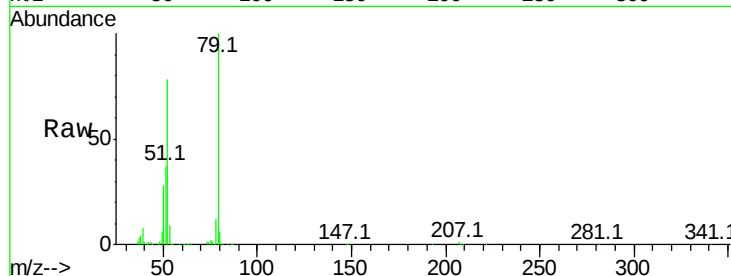
Tot Ion: 79 Resp: 716586

Ion Ratio Lower Upper

79 100

52 78.3 62.8 94.2

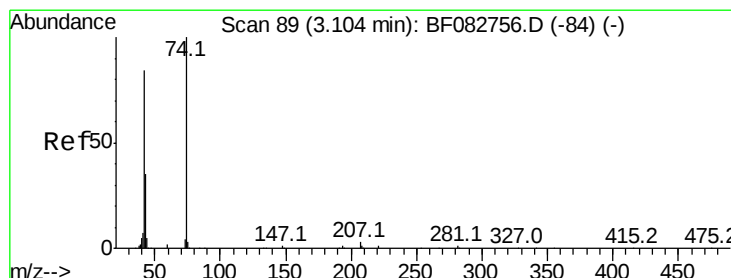
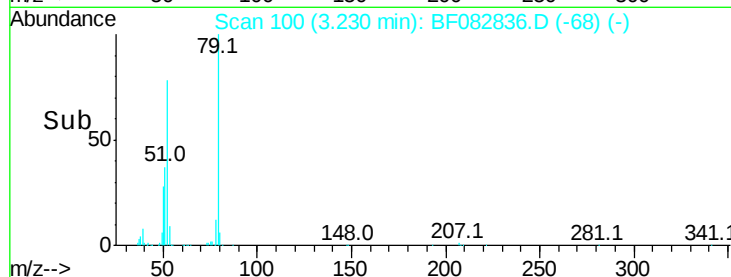
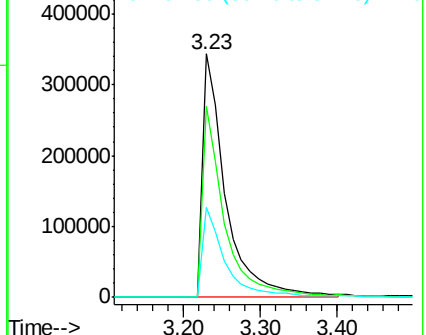
51 37.1 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.40 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

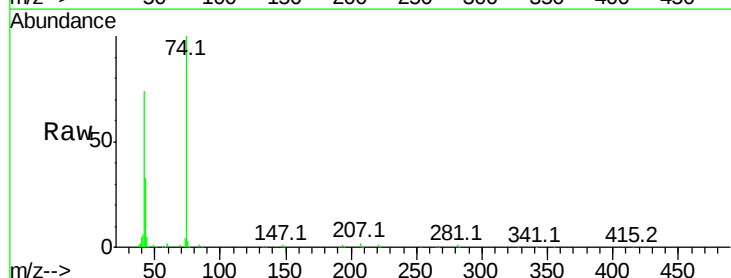
Tgt Ion: 42 Resp: 315843

Ion Ratio Lower Upper

42 100

74 134.8 87.0 130.4#

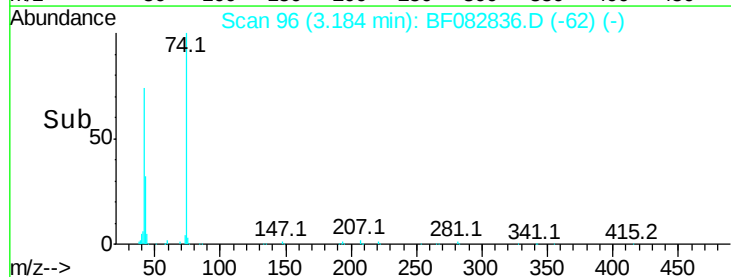
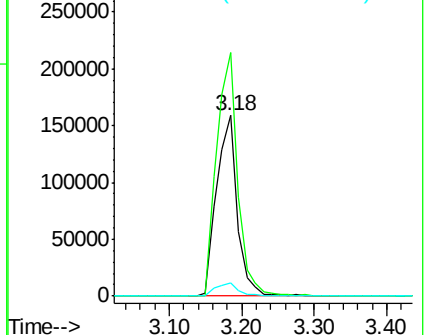
44 7.2 5.8 8.8

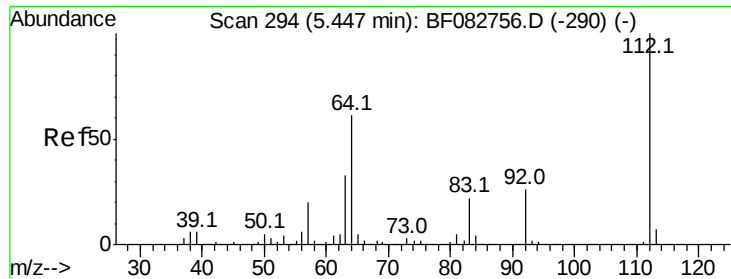


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.65 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

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Instrument :

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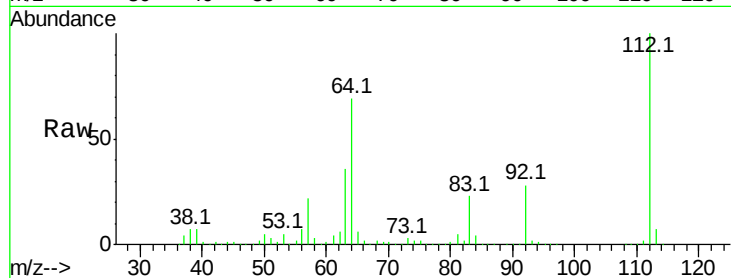
Tot Ion:112 Resp: 1486943

Ion Ratio Lower Upper

112 100

64 68.7 48.9 73.3

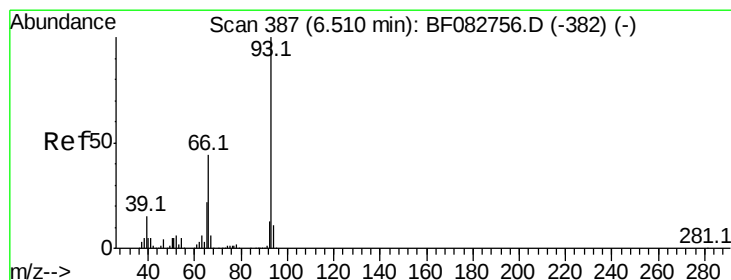
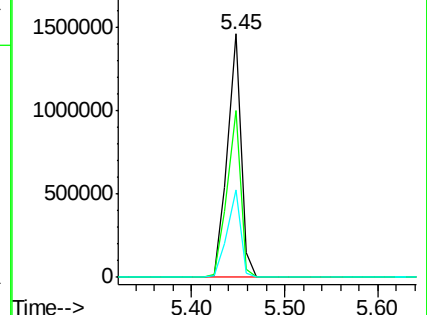
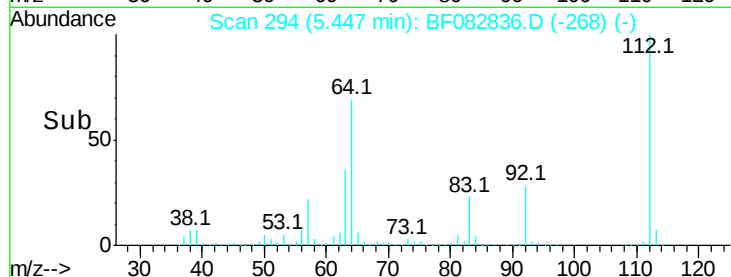
63 35.7 28.1 42.1



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: 21.23 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

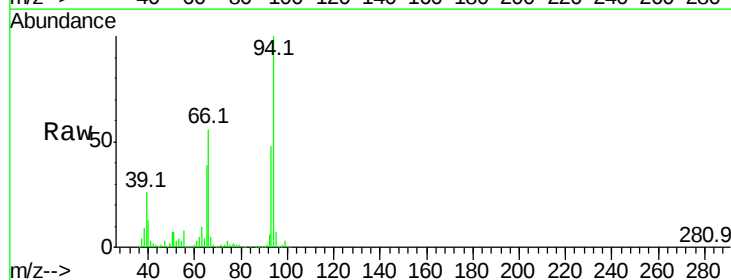
Tgt Ion: 93 Resp: 603447

Ion Ratio Lower Upper

93 100

66 117.2 33.6 50.4#

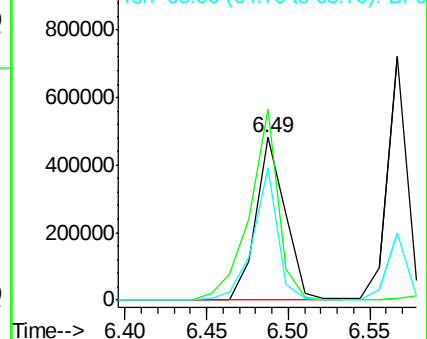
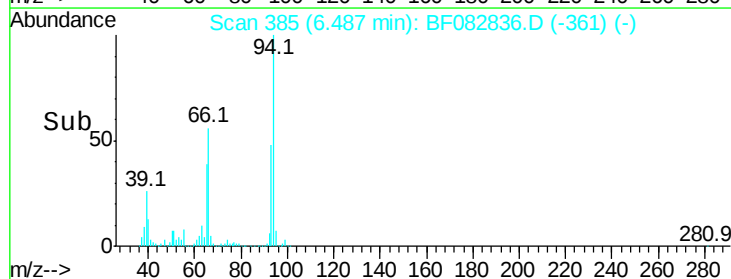
65 81.1 18.1 27.1#

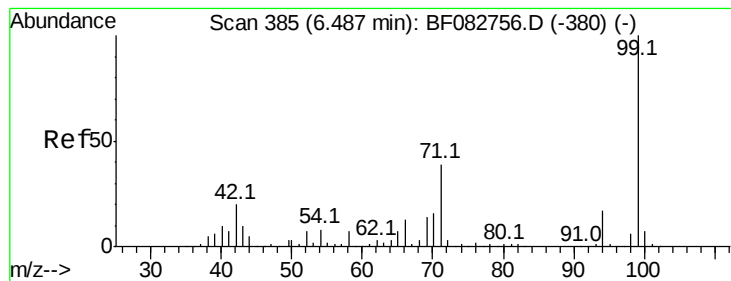


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.15 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

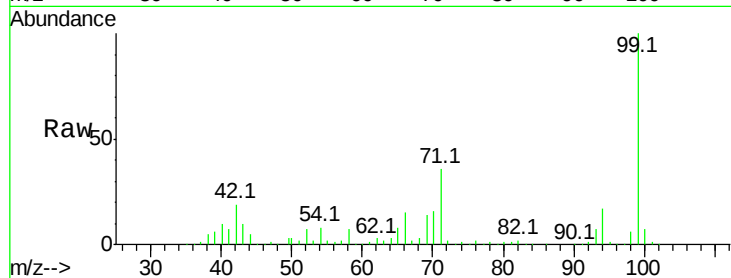
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 2169074

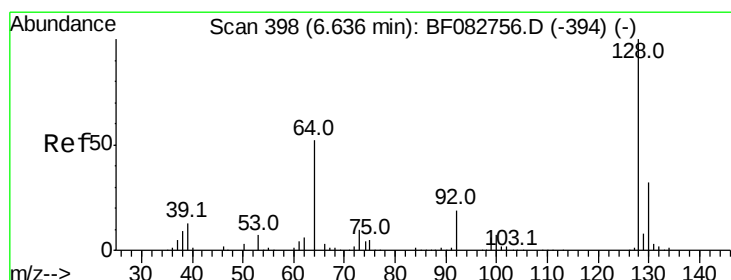
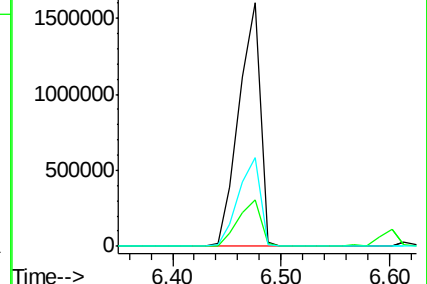
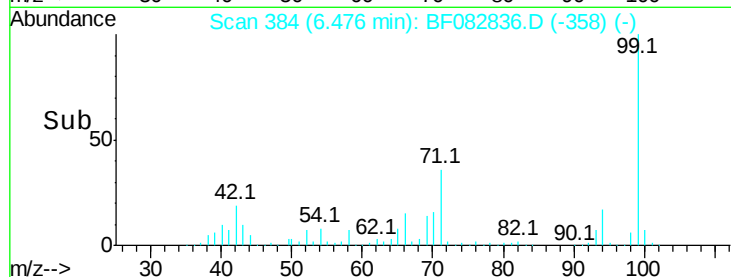
Ion	Ratio	Lower	Upper
99	100		
42	19.1	19.2	28.8#
71	36.4	35.0	52.4



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: 33.95 ng

RT: 6.61 min Scan# 396

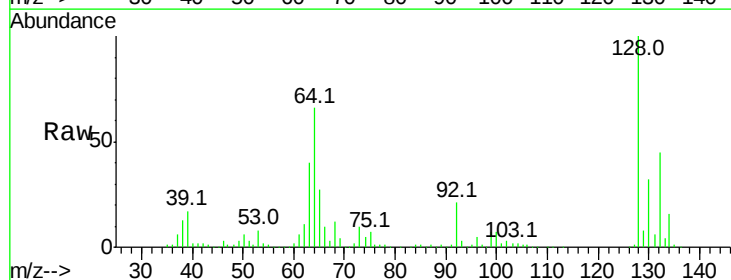
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion: 128 Resp: 573144

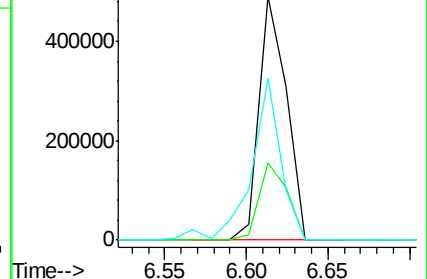
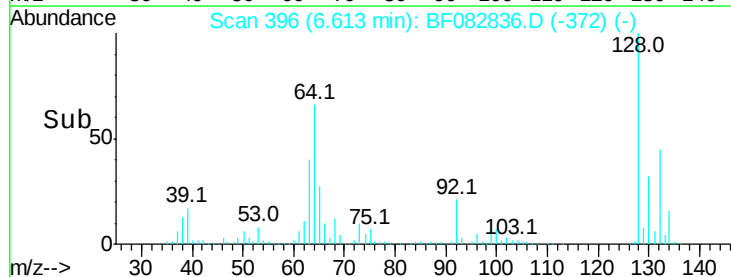
Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.5	53.5
64	66.2	21.1	61.1#

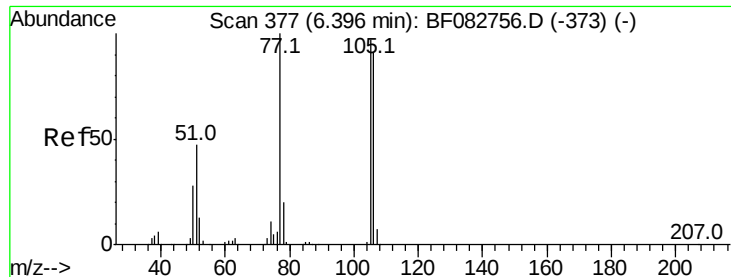


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.12 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

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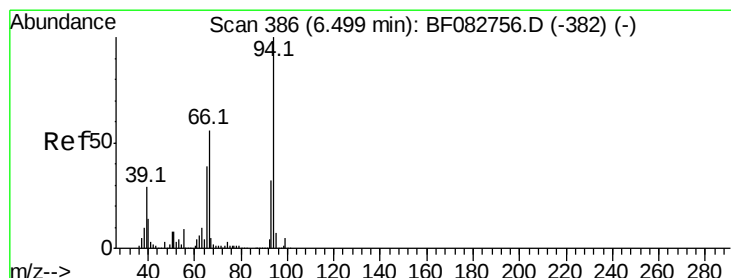
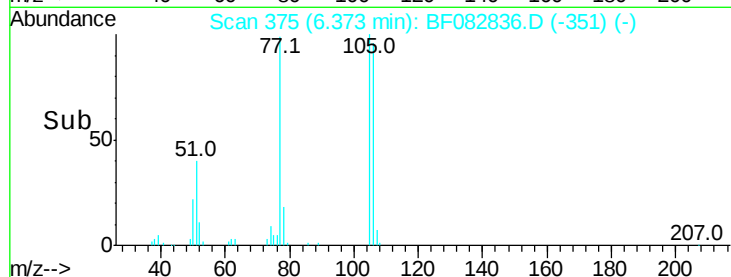
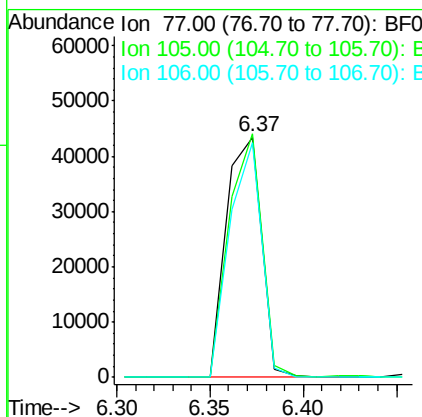
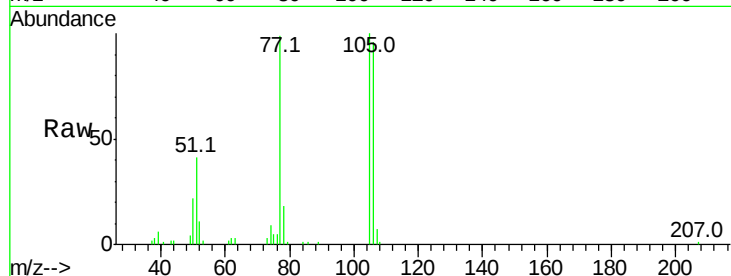
Tot Ion: 77 Resp: 57297

Ion Ratio Lower Upper

77 100

105 101.4 63.5 103.5

106 97.8 59.3 99.3



#10

Phenol

Concen: 40.45 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

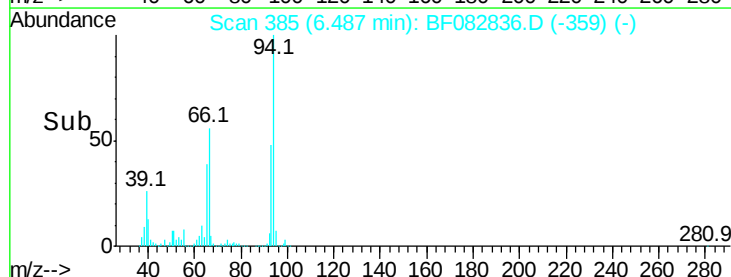
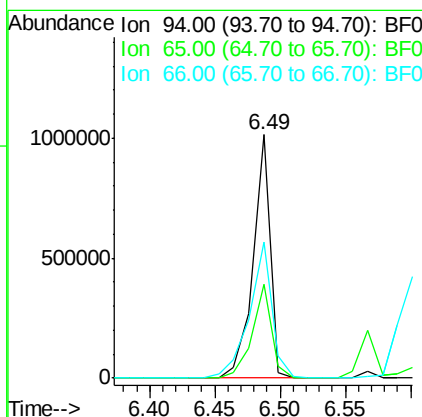
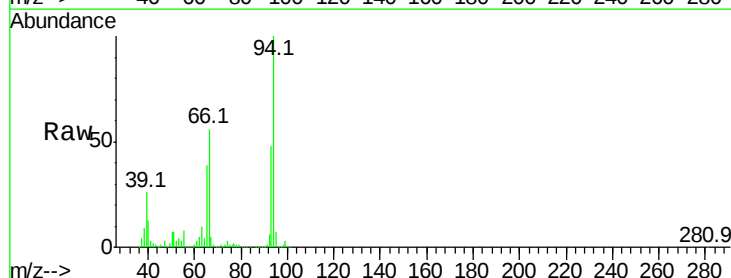
Tgt Ion: 94 Resp: 929149

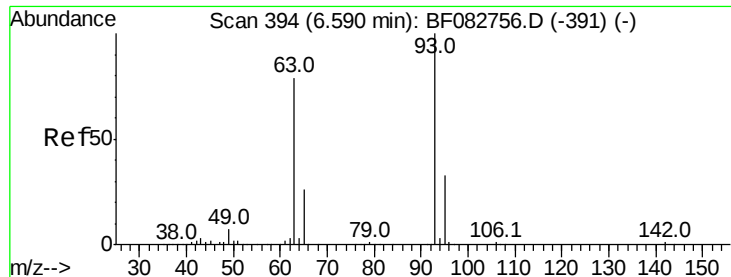
Ion Ratio Lower Upper

94 100

65 38.6 18.9 58.9

66 55.7 34.9 74.9

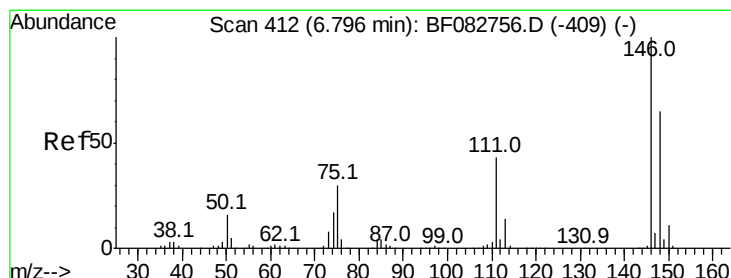
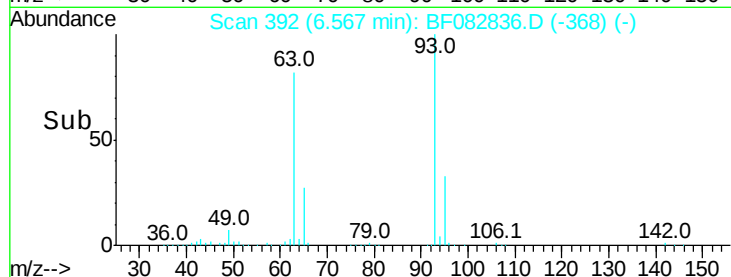
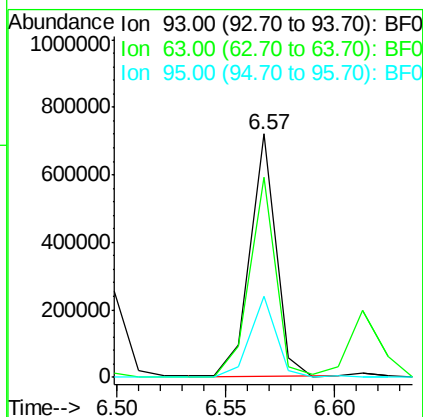
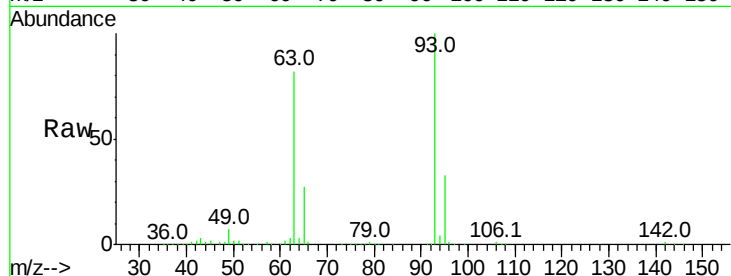




#11
bis(2-Chloroethyl)ether
Concen: 34.72 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

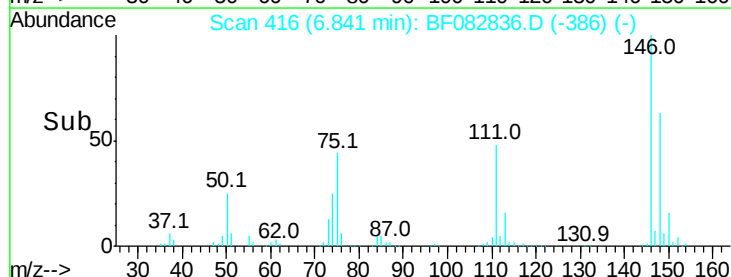
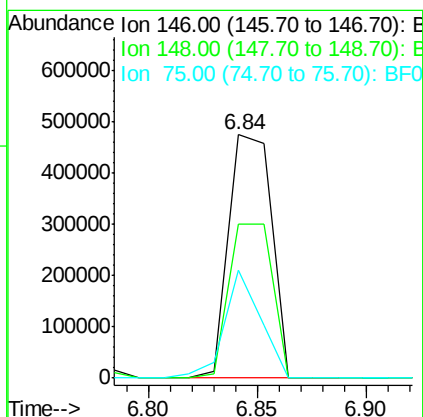
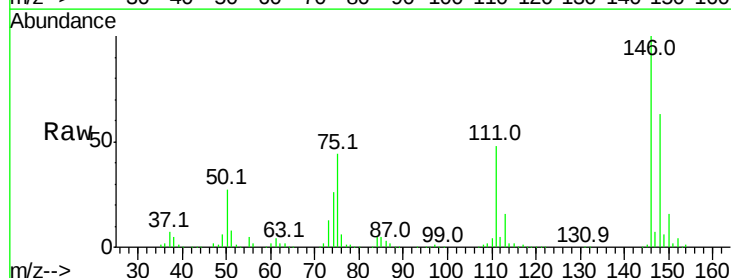
Instrument :
BNA_F
ClientSampleId :
PB86527BS

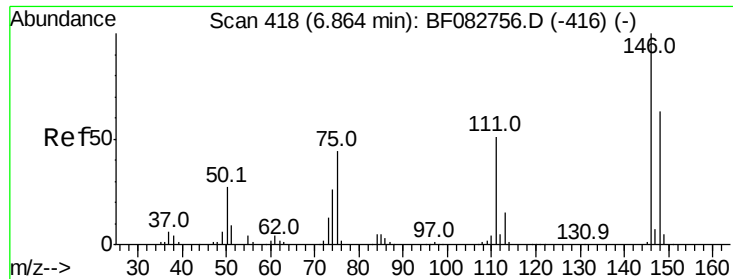
Tot Ion: 93 Resp: 596356
Ion Ratio Lower Upper
93 100
63 82.3 72.7 112.7
95 33.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 34.10 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.05 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion: 146 Resp: 649181
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 44.2 39.5 59.3

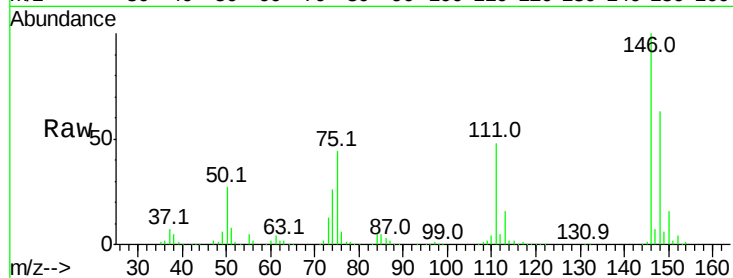




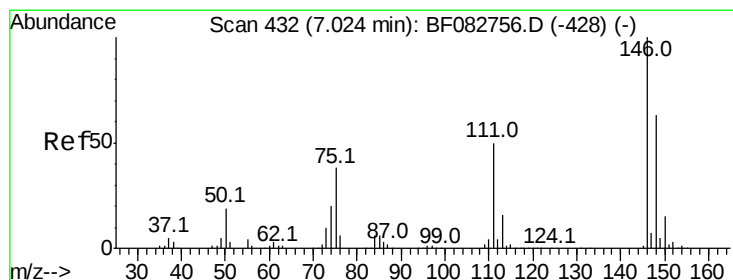
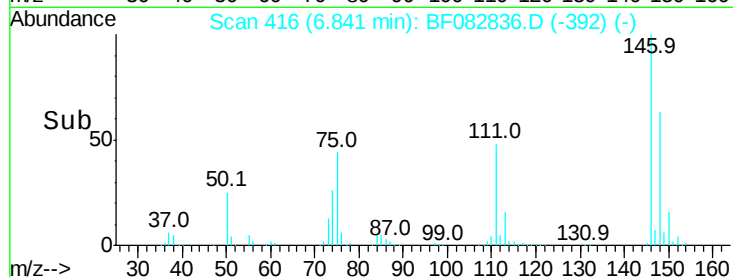
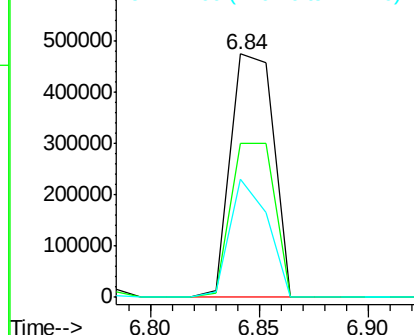
#13
 1,4-Dichlorobenzene
 Concen: 32.77 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion:146 Resp: 649181
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 48.4 40.6 60.8

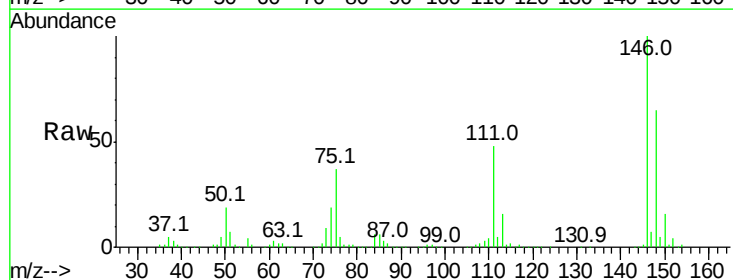


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

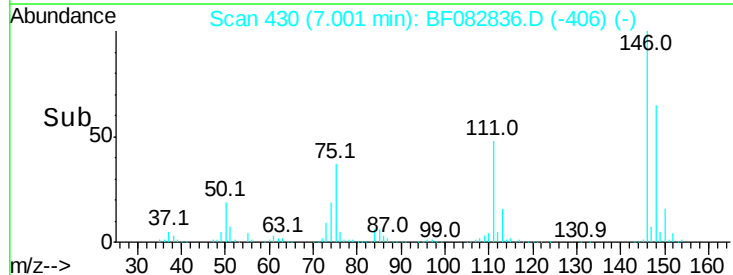
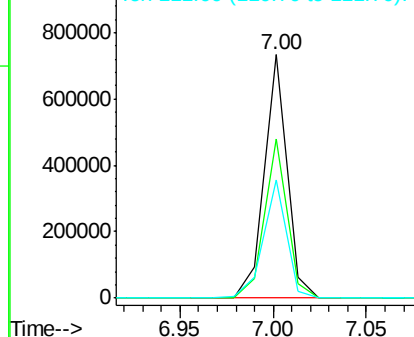


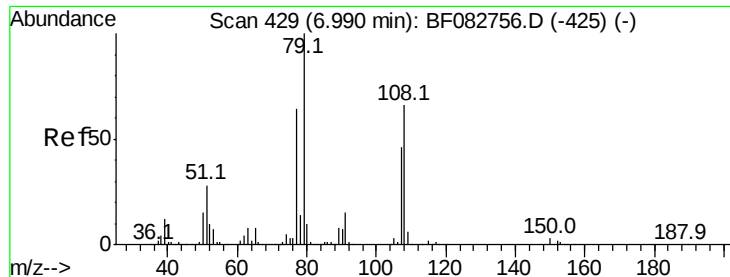
#14
 1,2-Dichlorobenzene
 Concen: 34.01 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:146 Resp: 612560
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 48.5 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 35.76 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

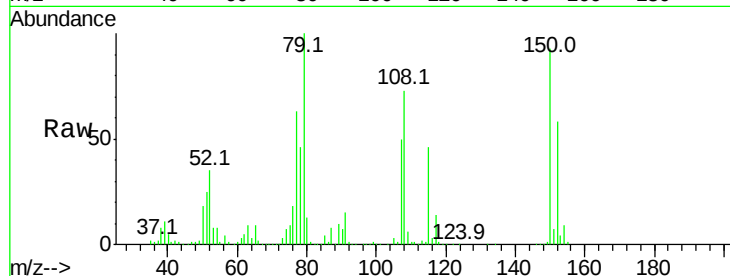
Tot Ion: 79 Resp: 635658

Ion Ratio Lower Upper

79 100

108 72.9 52.2 78.4

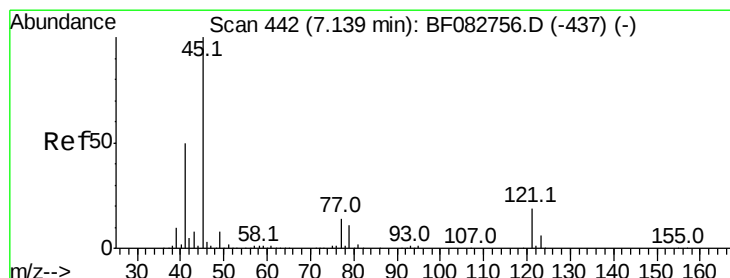
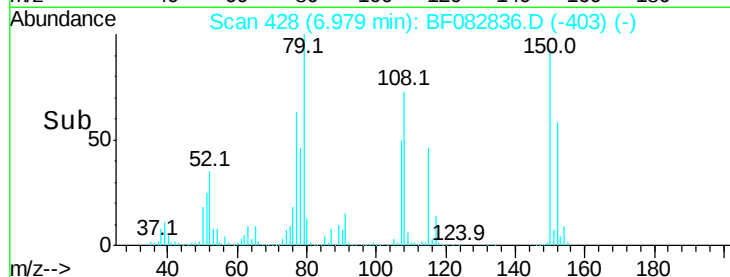
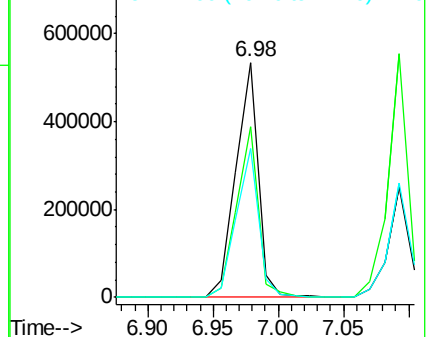
77 63.2 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.77 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

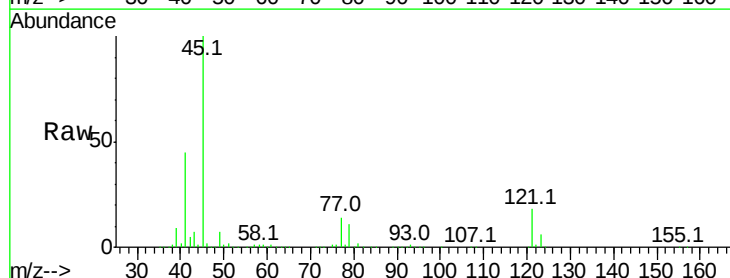
Tgt Ion: 45 Resp: 926434

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.6

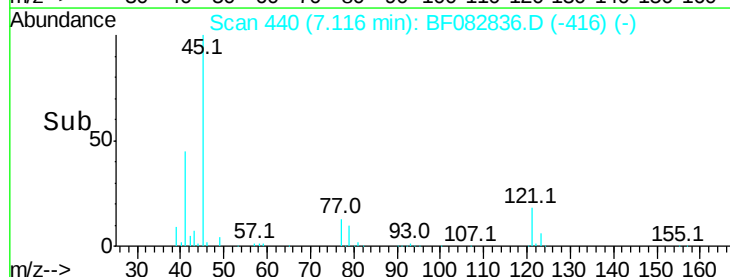
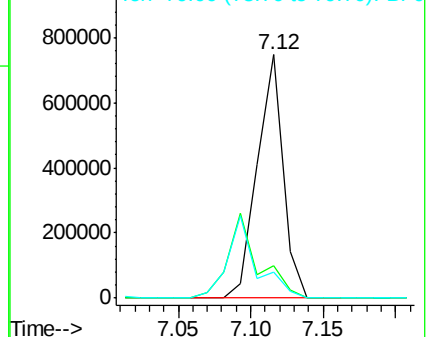
79 10.6 0.0 29.2

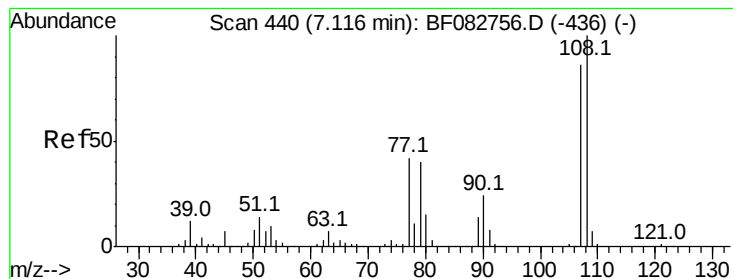


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.92 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:107 Resp: 513516

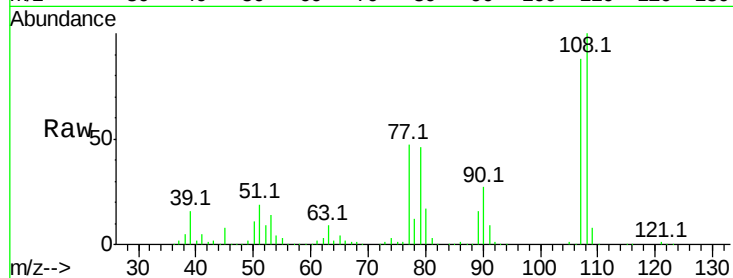
Ion Ratio Lower Upper

107 100

108 113.2 93.0 139.4

77 52.9 44.1 66.1

79 51.6 43.6 65.4

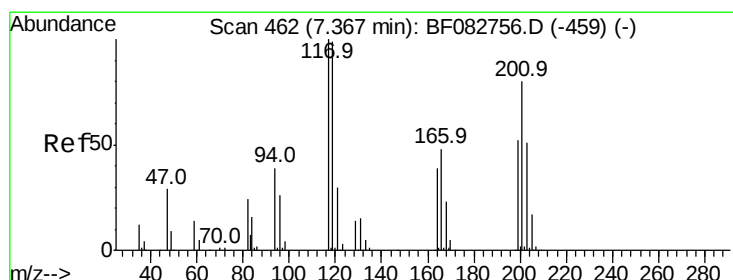
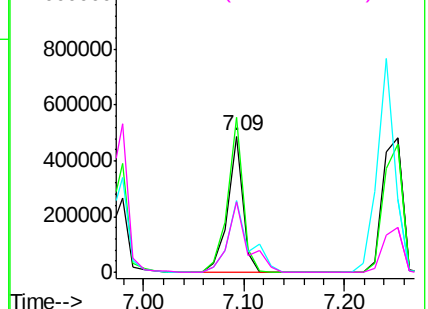
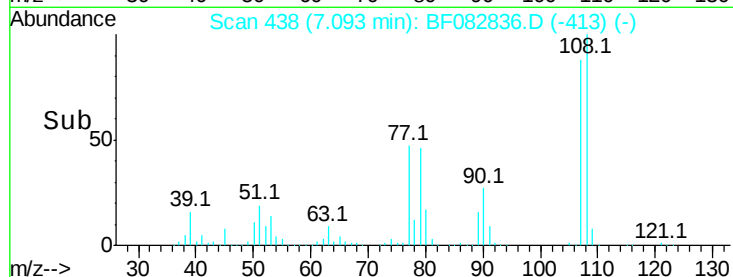


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.76 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

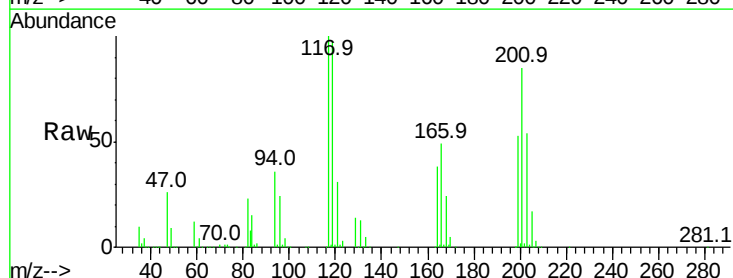
Tgt Ion:117 Resp: 239141

Ion Ratio Lower Upper

117 100

119 97.2 77.7 116.5

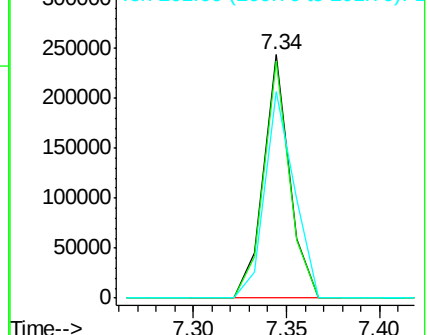
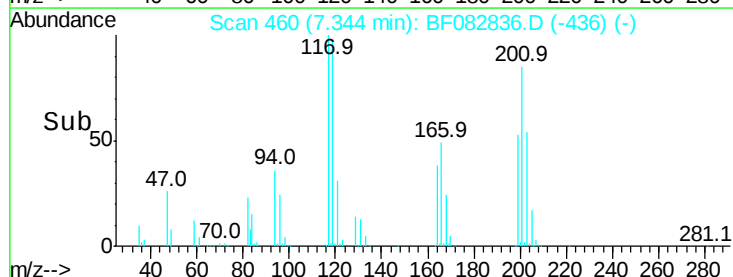
201 84.8 66.7 100.1

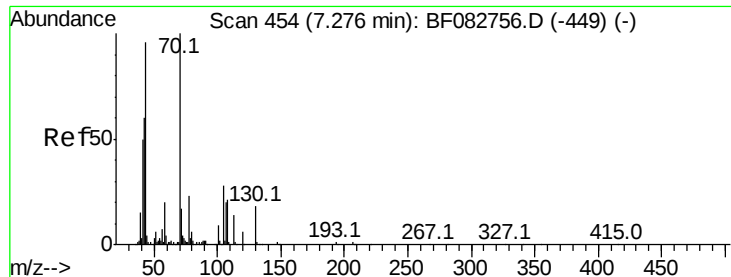


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.34 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion: 70 Resp: 481247

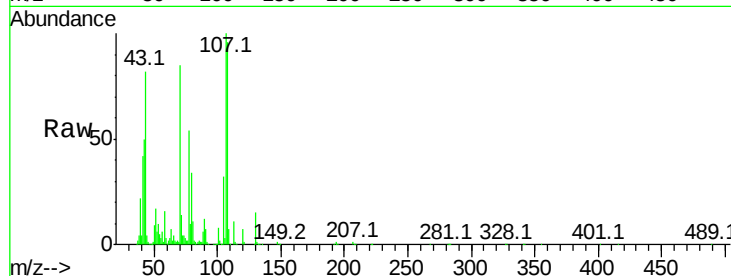
Ion Ratio Lower Upper

70 100

42 59.3 57.7 86.5

101 9.1 7.0 10.6

130 17.2 11.8 17.6

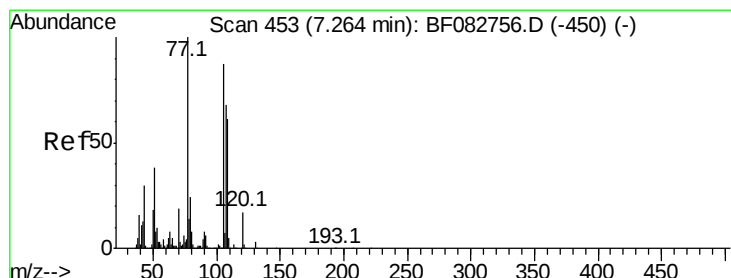
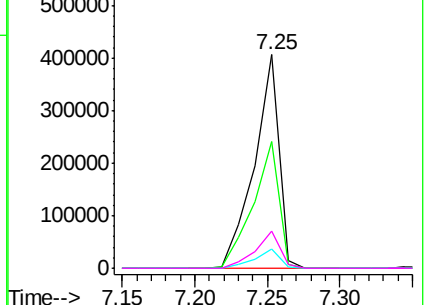
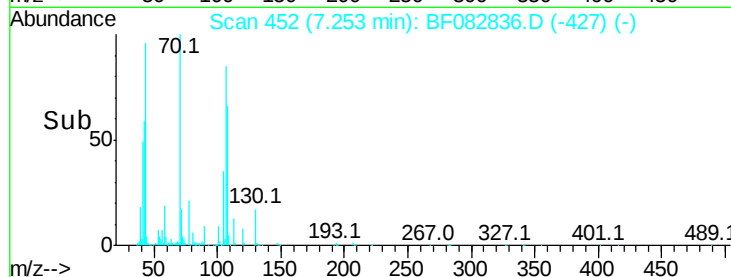


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 35.53 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion: 107 Resp: 660476

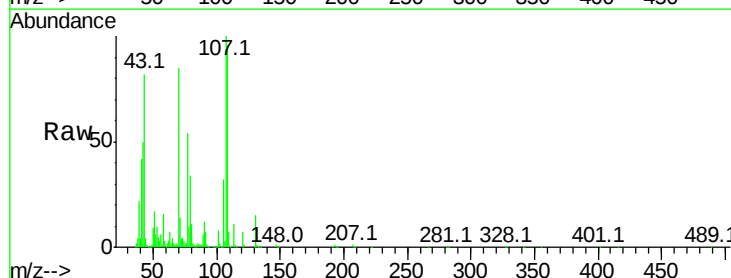
Ion Ratio Lower Upper

107 100

108 95.8 67.3 107.3

77 54.1 100.3 140.3#

79 33.9 16.2 56.2

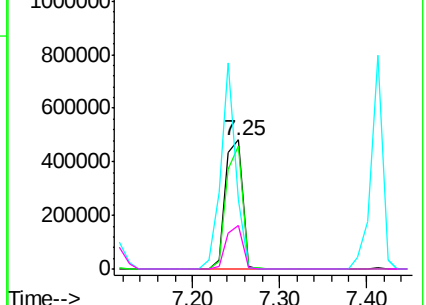
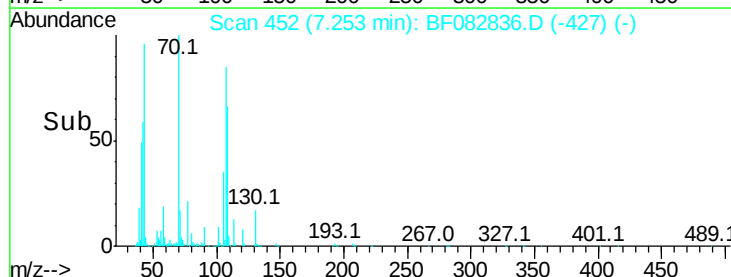


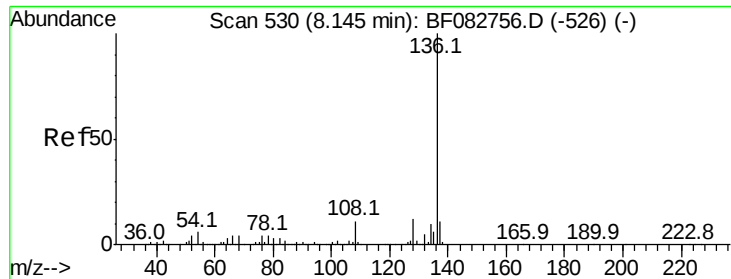
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:136 Resp: 879266

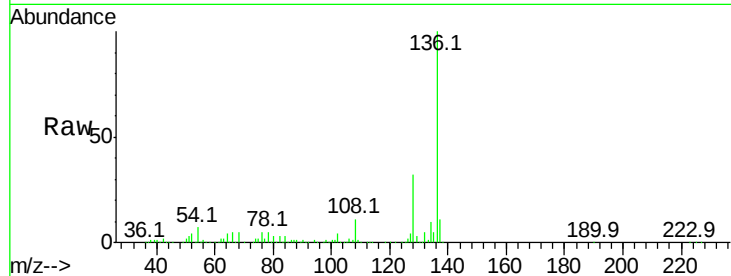
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.7 9.1 13.7#

68 4.9 4.8 7.2

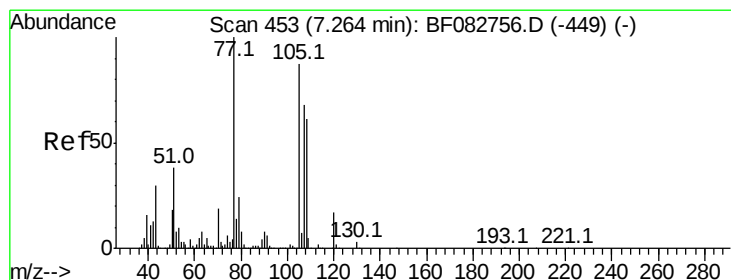
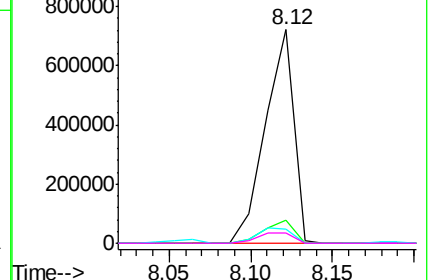
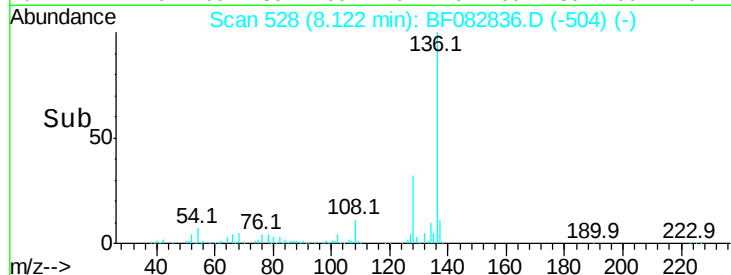


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.64 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:105 Resp: 847523

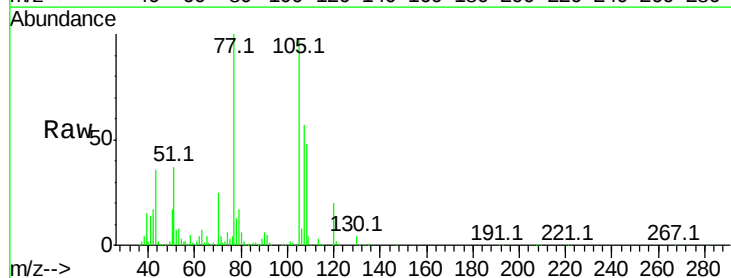
Ion Ratio Lower Upper

105 100

71 4.5 5.6 8.4#

51 38.5 24.9 37.3#

120 20.1 15.8 23.8

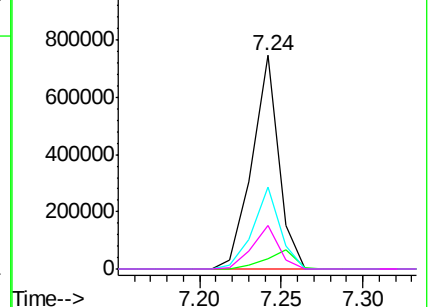
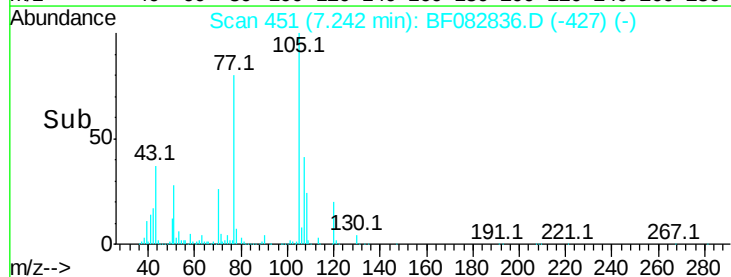


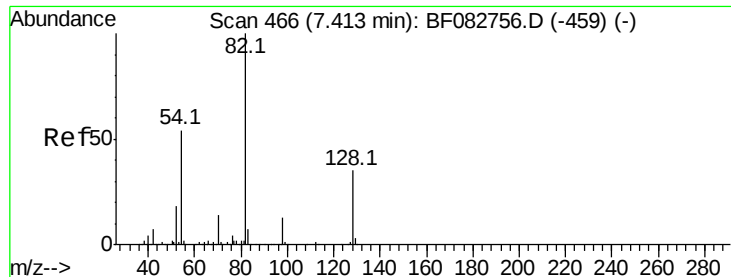
Abundance Ion 105.00 (104.70 to 105.70): E

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

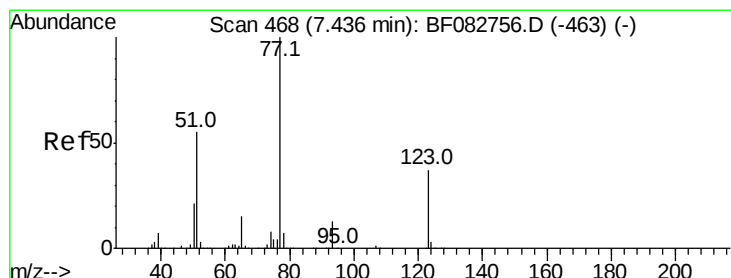
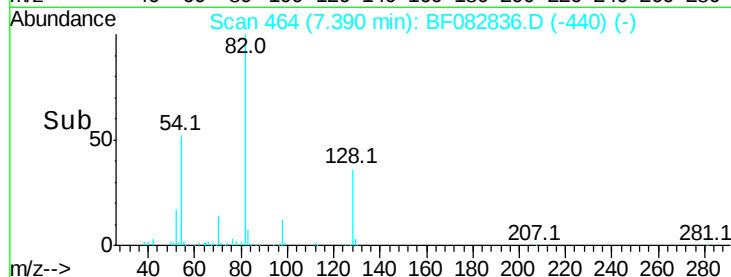
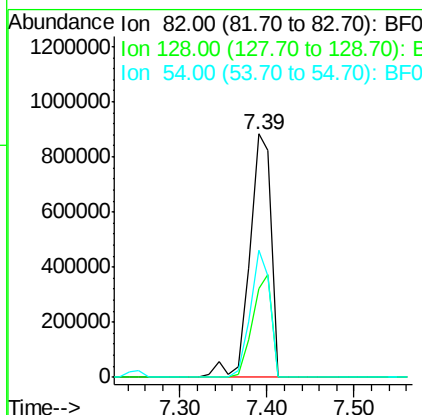
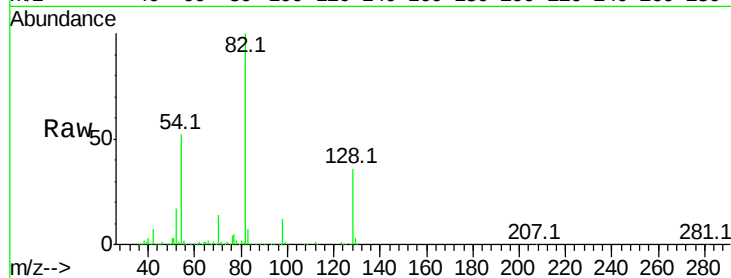




#23
Nitrobenzene-d5
Concen: 75.51 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

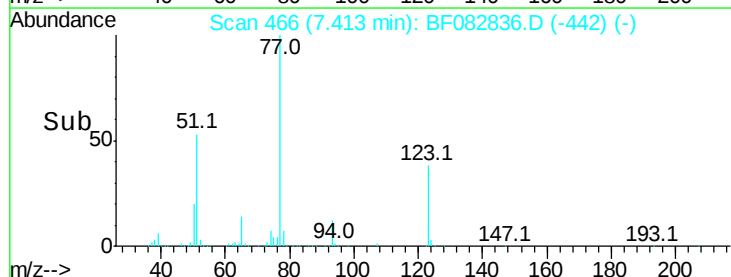
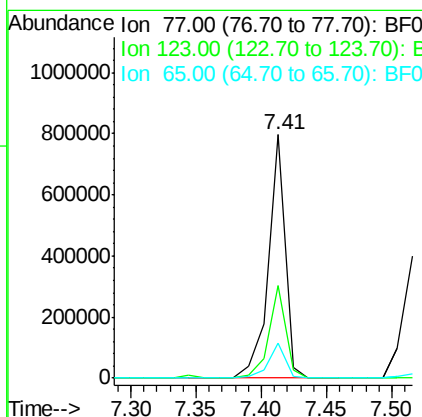
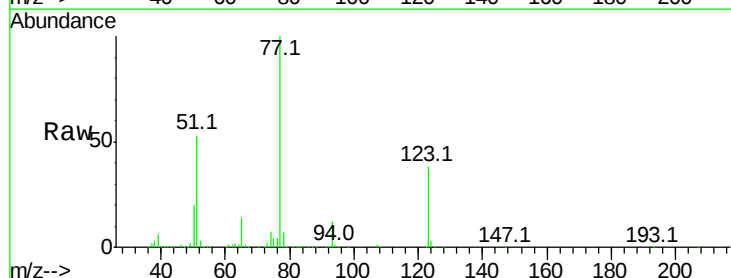
Instrument :
BNA_F
ClientSampleId :
PB86527BS

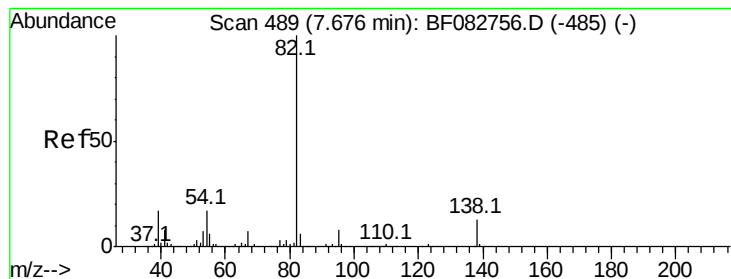
Tot Ion: 82 Resp: 1525790
Ion Ratio Lower Upper
82 100
128 36.2 26.8 40.2
54 52.3 45.7 68.5



#24
Nitrobenzene
Concen: 35.01 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion: 77 Resp: 723526
Ion Ratio Lower Upper
77 100
123 38.1 36.4 54.6
65 14.3 11.5 17.3





#25

Isophorone

Concen: 34.24 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

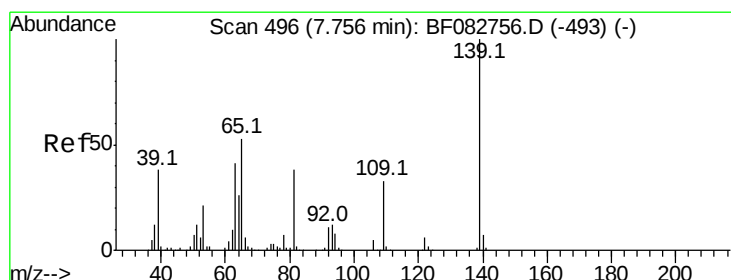
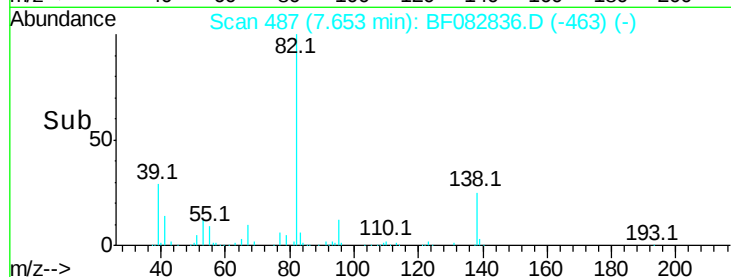
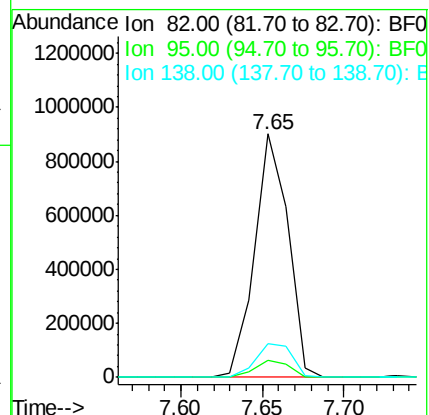
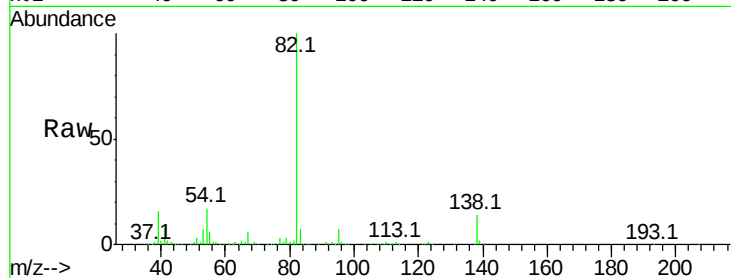
Tot Ion: 82 Resp: 1280282

Ion Ratio Lower Upper

82 100

95 6.9 6.6 9.8

138 14.0 11.4 17.0



#26

2-Nitrophenol

Concen: 38.85 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

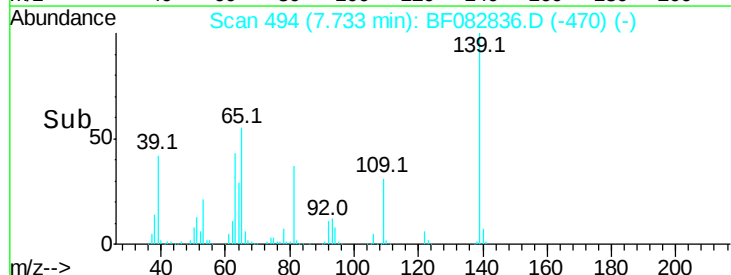
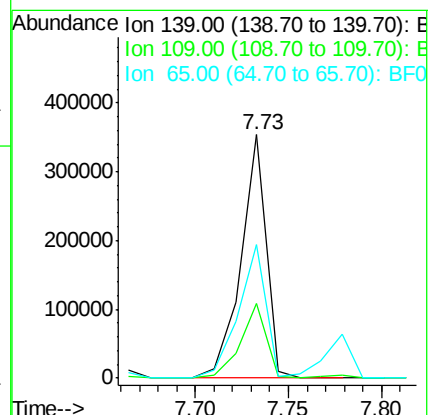
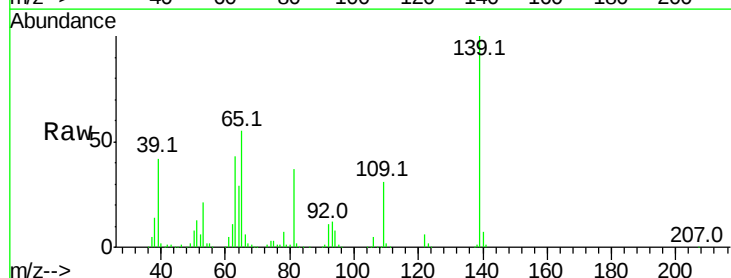
Tgt Ion:139 Resp: 335100

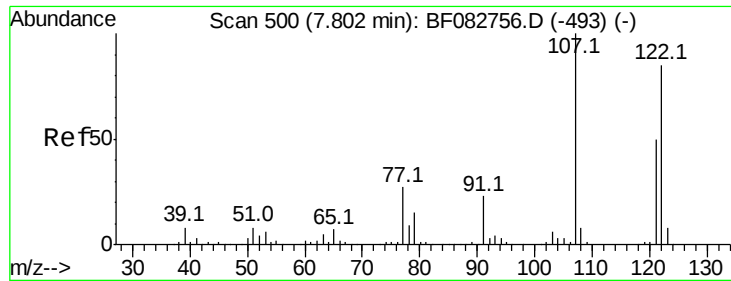
Ion Ratio Lower Upper

139 100

109 30.8 37.6 56.4#

65 55.1 70.6 105.8#

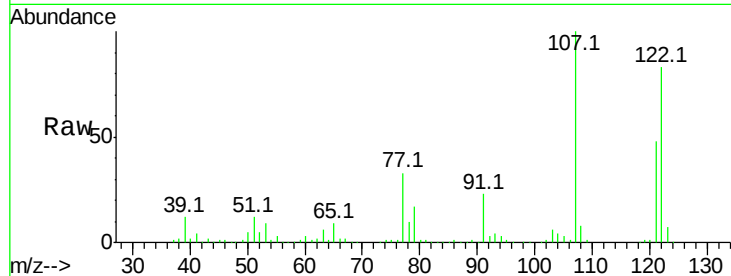




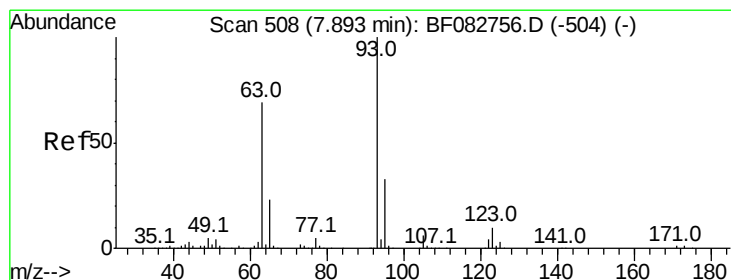
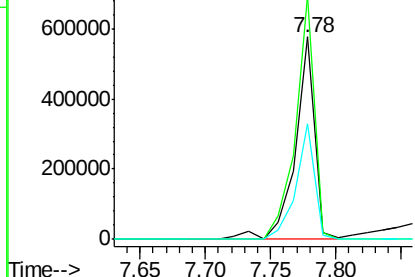
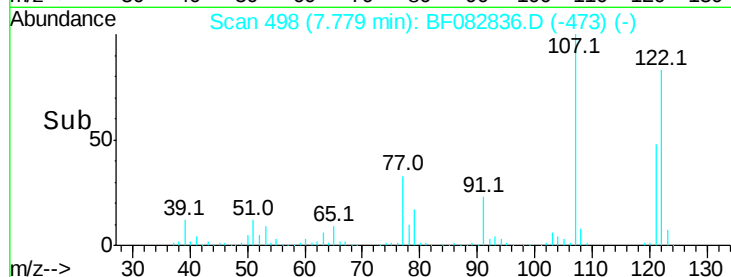
#27
2,4-Dimethylphenol
Concen: 38.70 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion:122 Resp: 599755
Ion Ratio Lower Upper
122 100
107 120.4 106.0 159.0
121 57.4 46.7 70.1

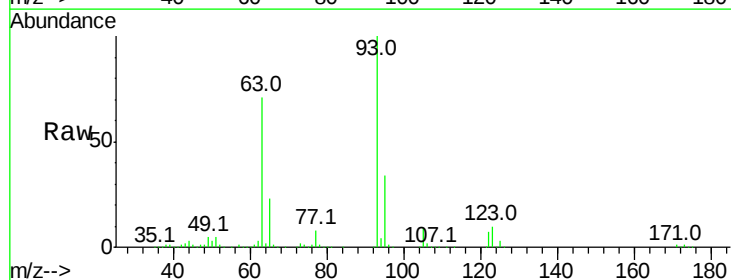


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

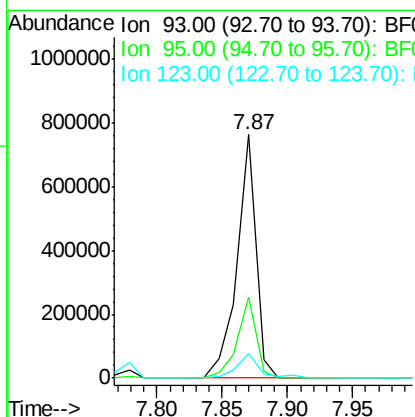
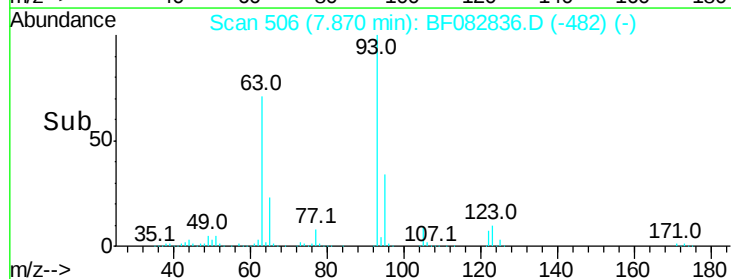


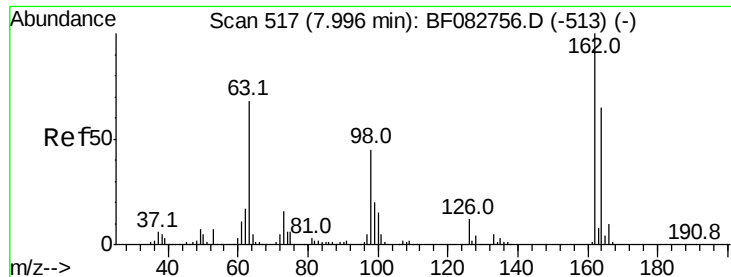
#28
bis(2-Chloroethoxy)methane
Concen: 36.21 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion: 93 Resp: 763711
Ion Ratio Lower Upper
93 100
95 33.5 26.6 40.0
123 10.1 9.7 14.5



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

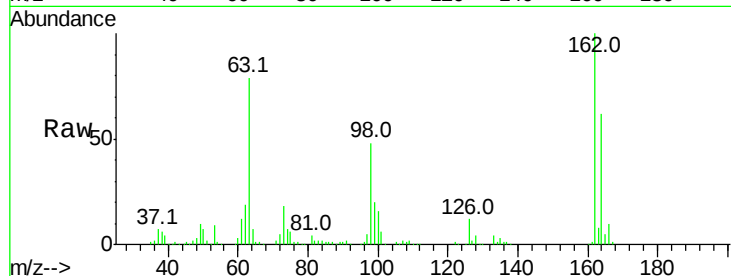




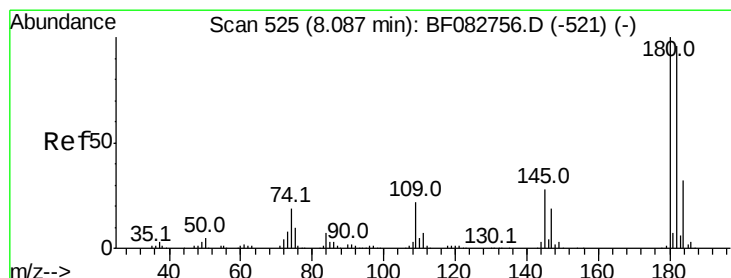
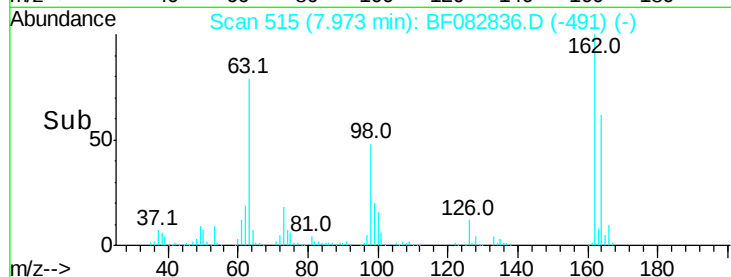
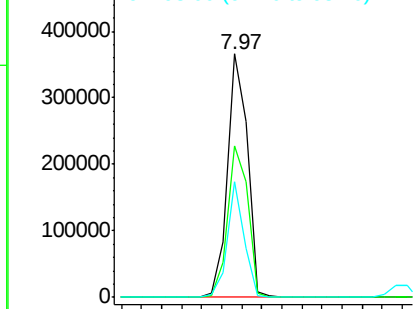
#29
2,4-Dichlorophenol
Concen: 35.95 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleID :
PB86527BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	46.8	86.8
98	47.6	12.5	52.5

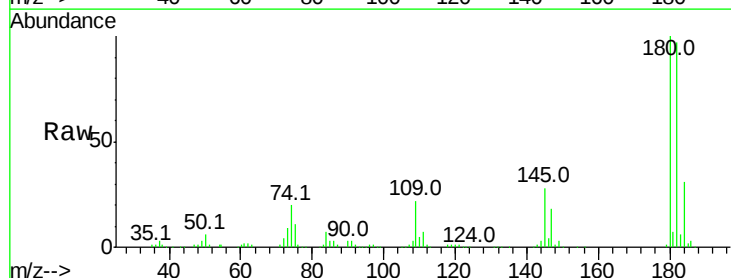


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

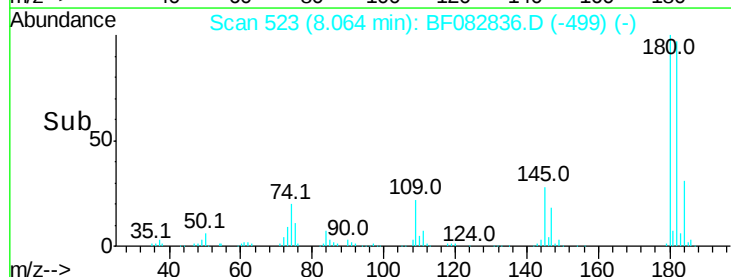
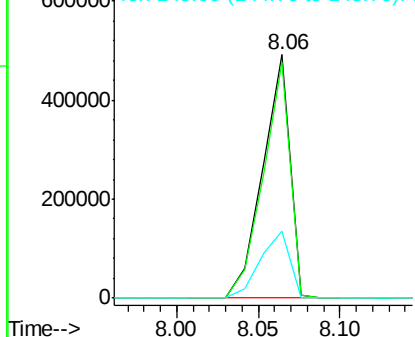


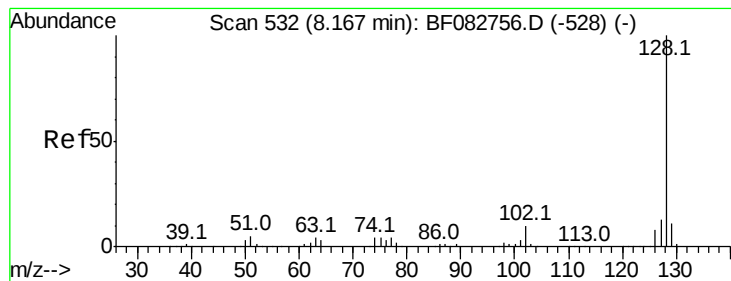
#30
1,2,4-Trichlorobenzene
Concen: 36.36 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.9	112.3
145	27.5	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: 34.90 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

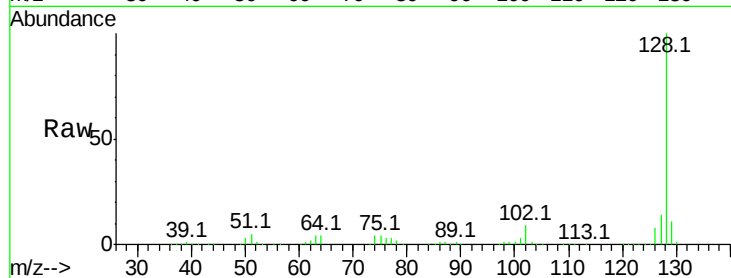
Tot Ion:128 Resp: 1692843

Ion Ratio Lower Upper

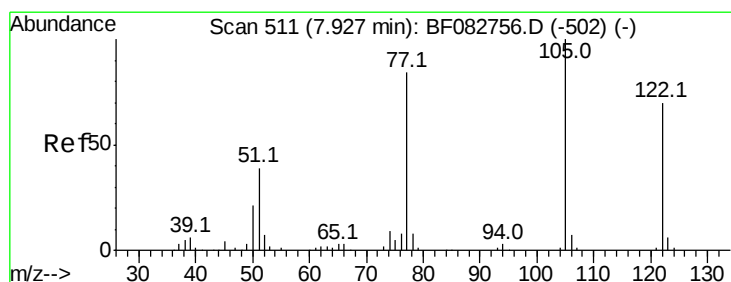
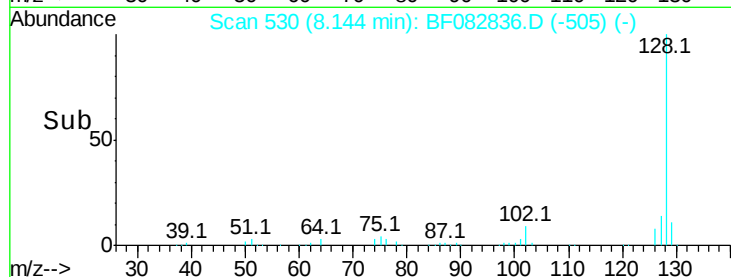
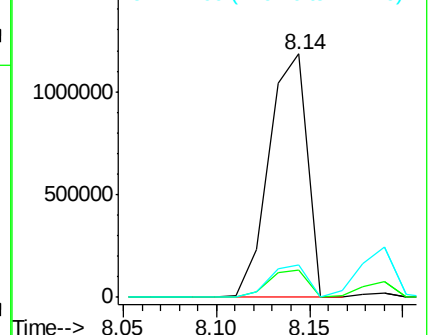
128 100

129 11.2 9.5 14.3

127 13.5 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: 32.94 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

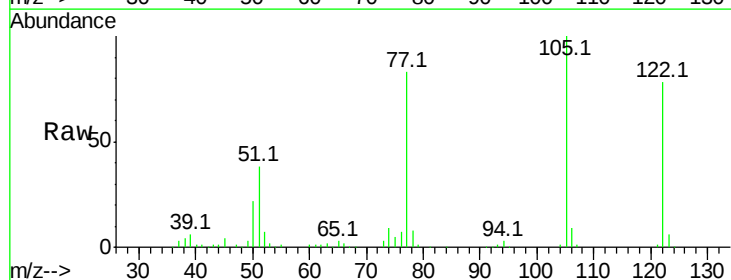
Tgt Ion:122 Resp: 349489

Ion Ratio Lower Upper

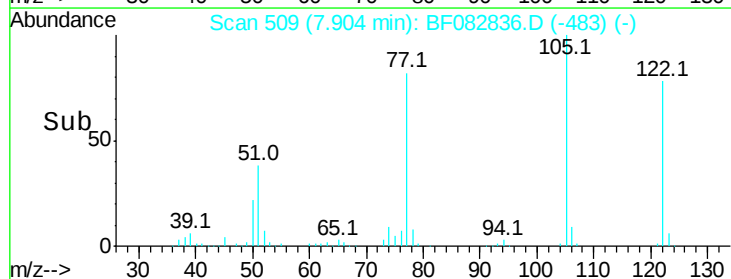
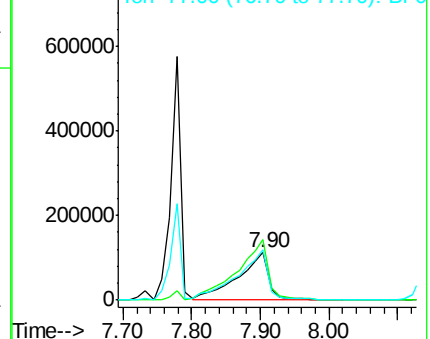
122 100

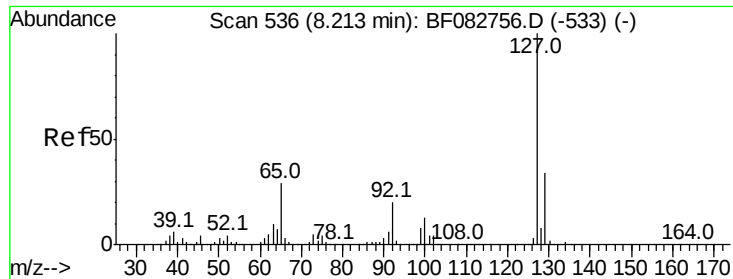
105 127.6 122.6 162.6

77 105.6 100.9 140.9



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

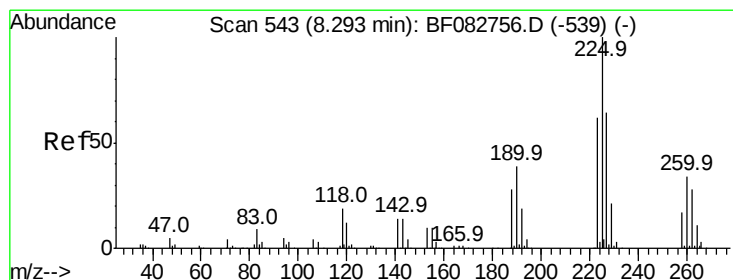
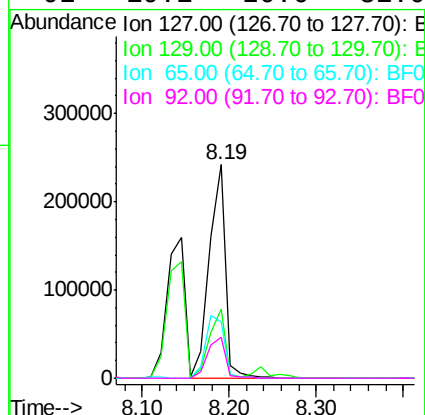
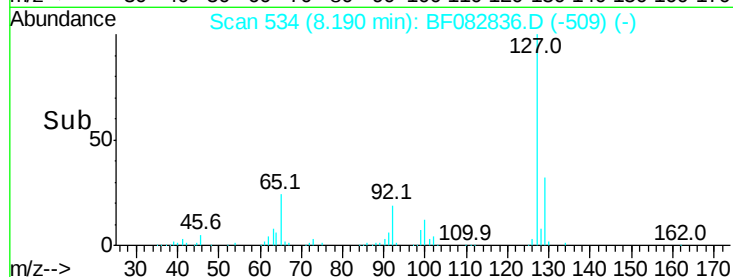
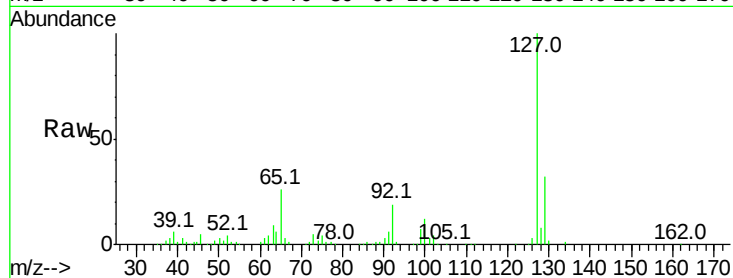




#33
4-Chloroaniline
Concen: 15.15 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

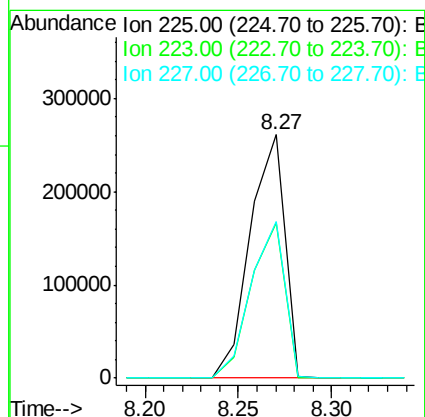
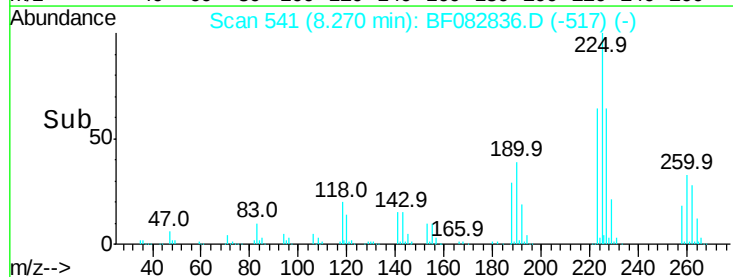
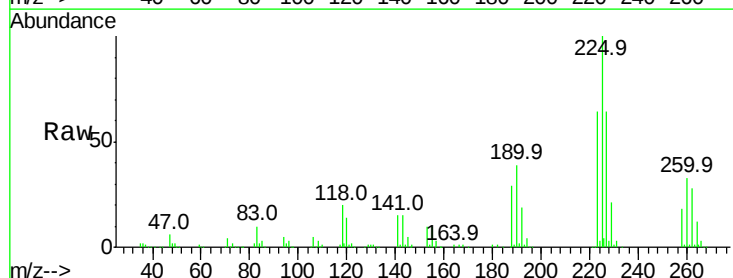
Instrument :
BNA_F
ClientSampleId :
PB86527BS

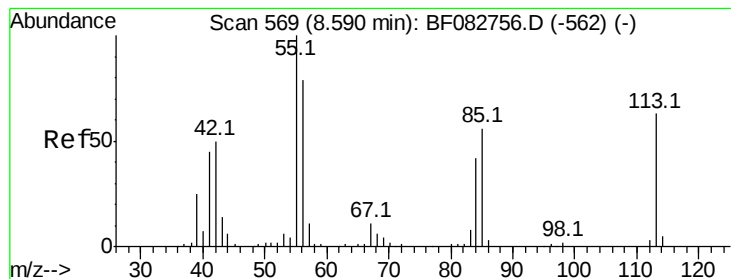
Tot Ion:	127	Resp:	316695
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	26.4	37.8	56.8#
92	19.1	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 33.98 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:	225	Resp:	335021
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.5	75.7
227	64.4	50.2	75.2





#35

Caprolactam

Concen: 32.57 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

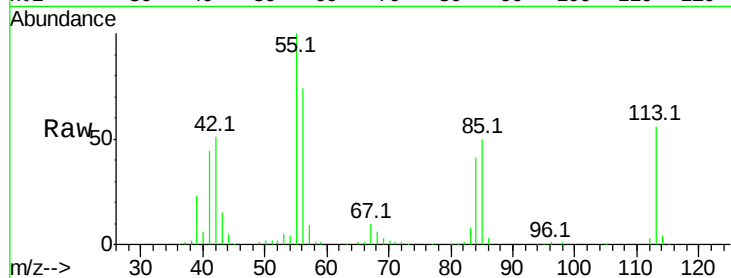
Tot Ion:113 Resp: 143815

Ion Ratio Lower Upper

113 100

55 178.0 195.5 235.5#

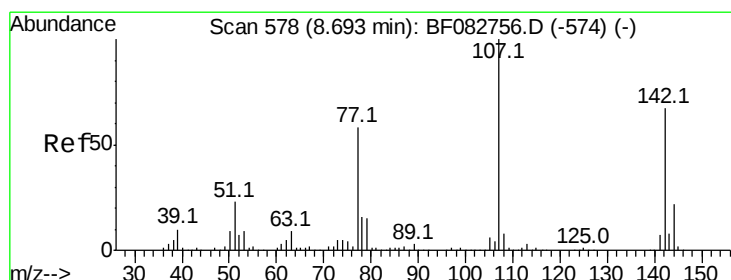
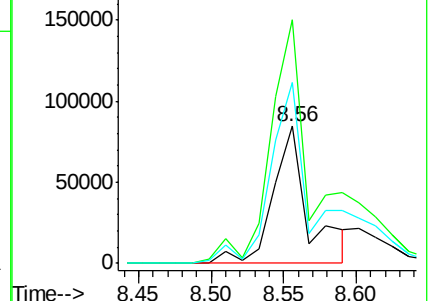
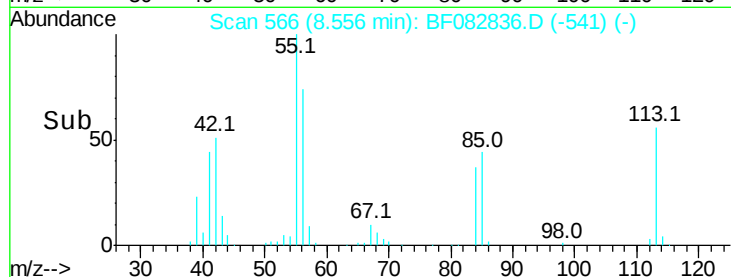
56 132.1 153.5 193.5#



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: 36.59 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

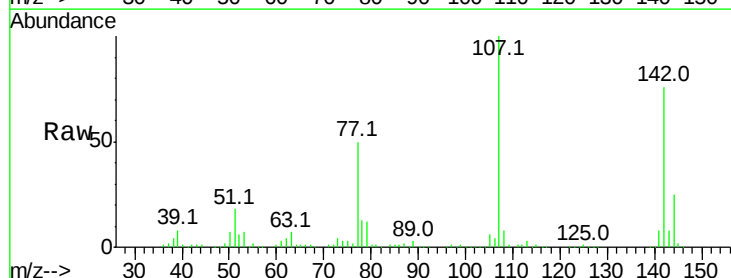
Tgt Ion:107 Resp: 602754

Ion Ratio Lower Upper

107 100

144 25.1 15.4 23.0#

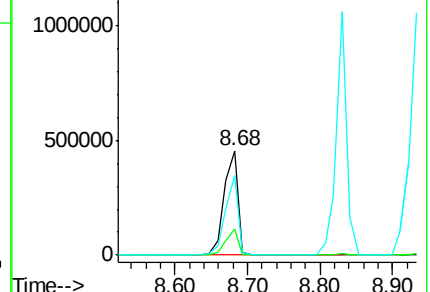
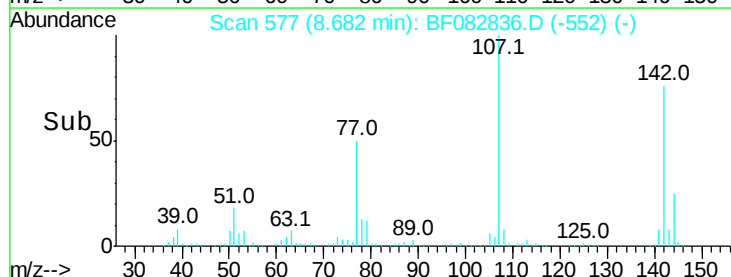
142 75.8 47.8 71.8#

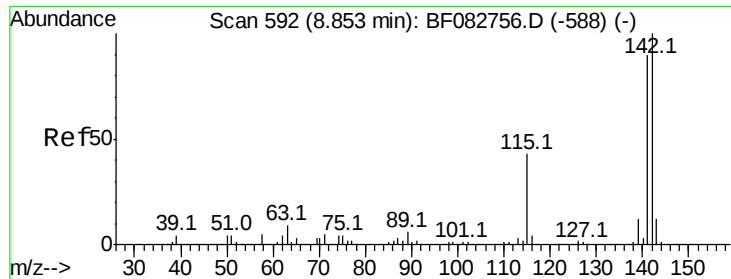


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

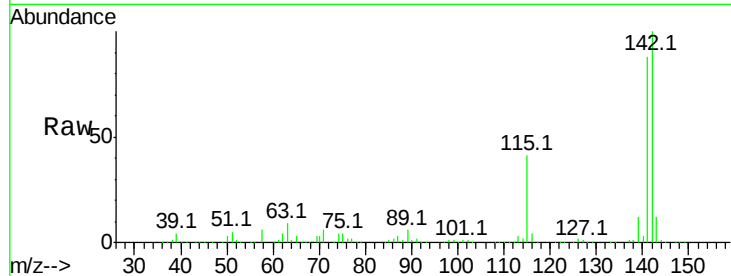




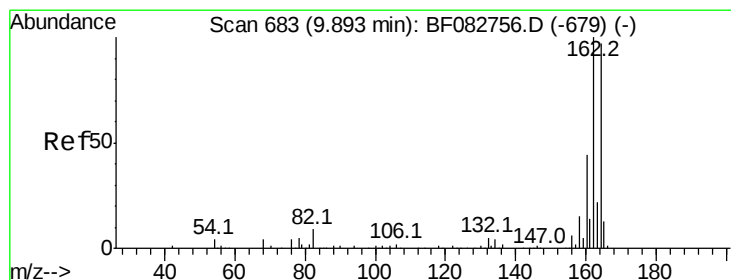
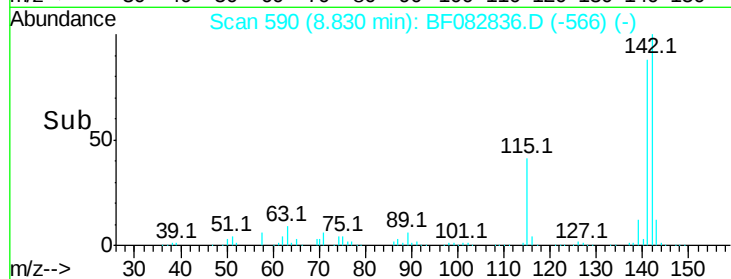
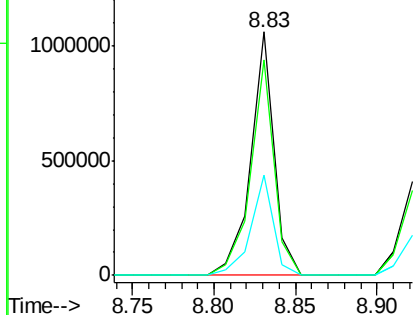
#37
 2-Methylnaphthalene
 Concen: 33.67 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion:142 Resp: 1056553
 Ion Ratio Lower Upper
 142 100
 141 88.5 72.3 108.5
 115 41.4 38.1 57.1

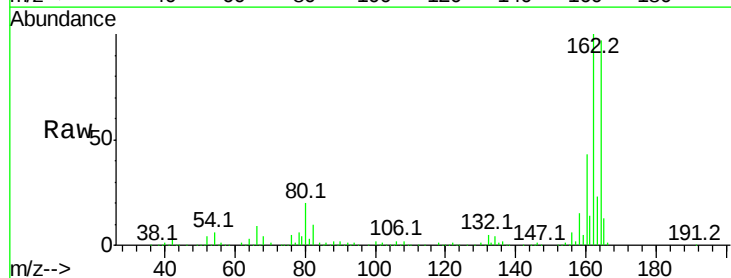


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

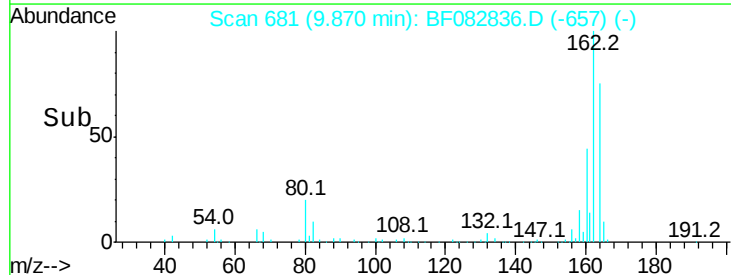
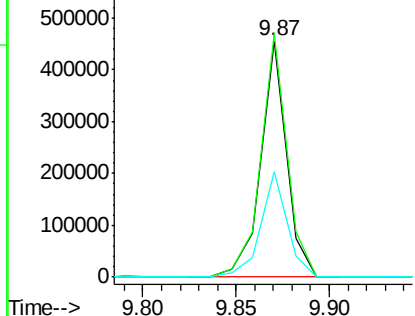


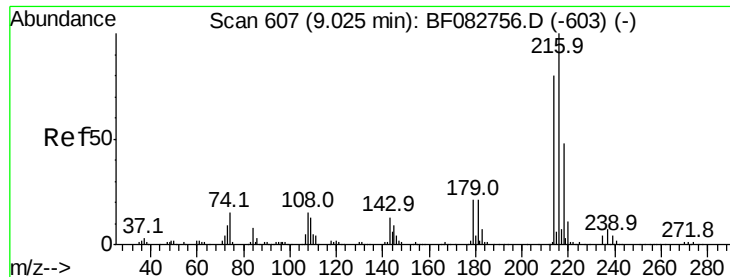
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:164 Resp: 432786
 Ion Ratio Lower Upper
 164 100
 162 103.1 84.9 127.3
 160 44.5 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

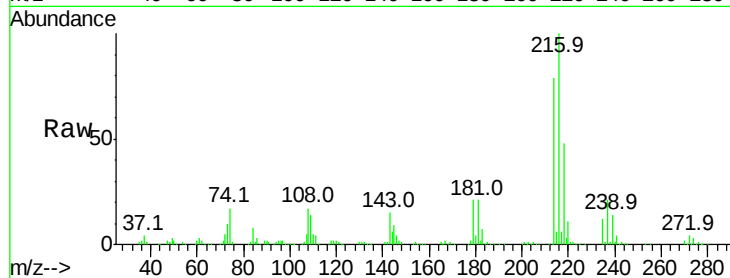




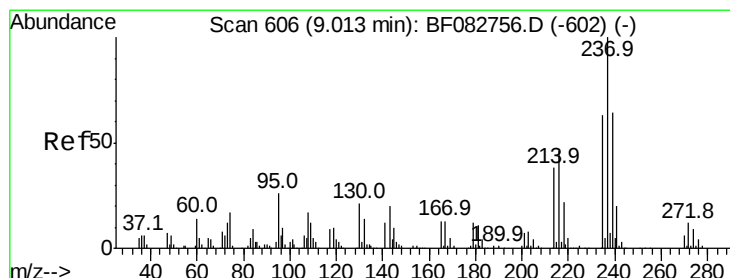
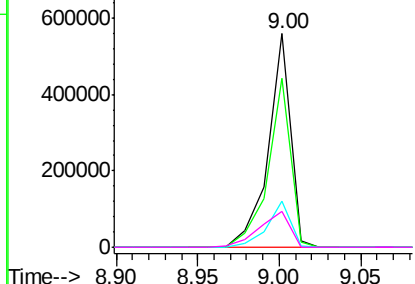
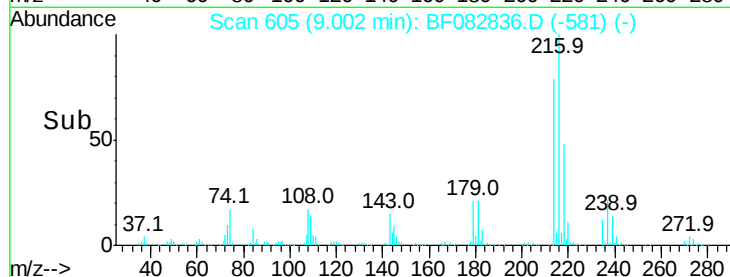
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.49 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion:	216	Resp:	533254
Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.2	93.2
179	22.0	18.1	27.1
108	22.4	16.6	25.0

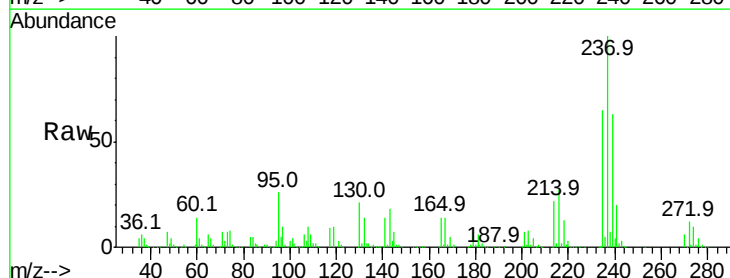


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

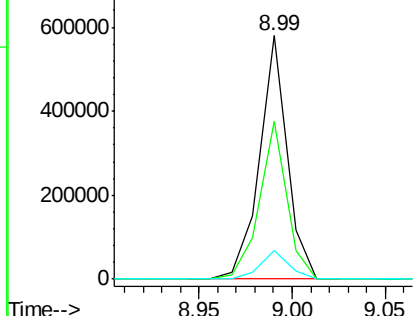
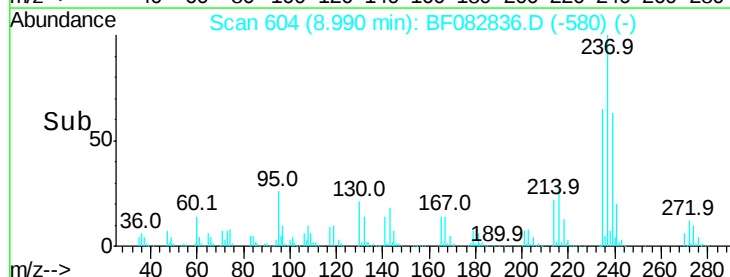


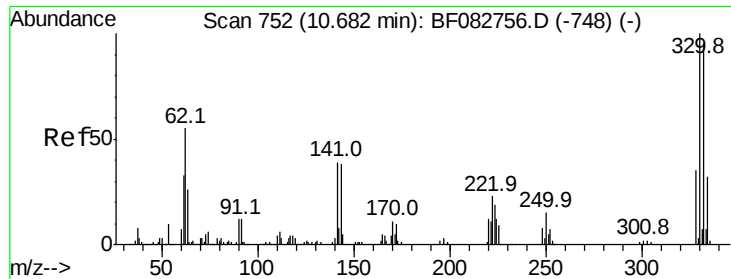
#40
 Hexachlorocyclopentadiene
 Concen: 77.54 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:	237	Resp:	592432
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.3	84.3
272	12.0	0.0	31.9



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

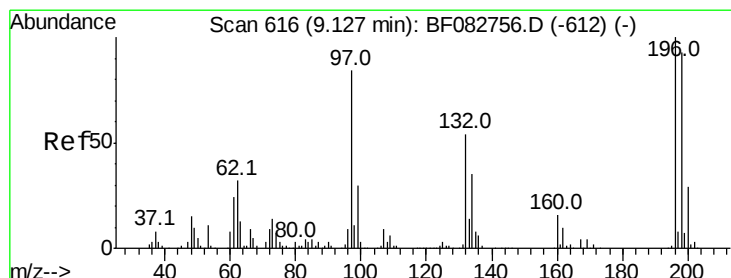
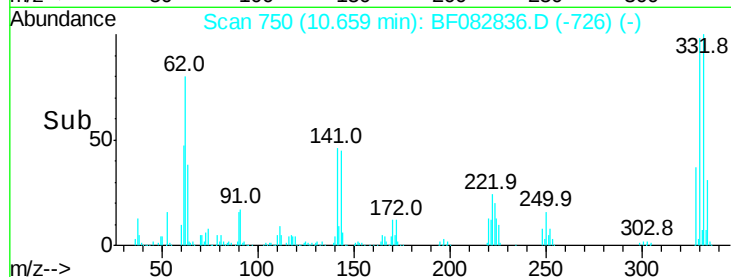
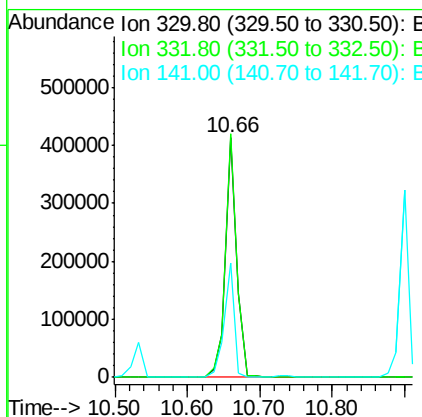
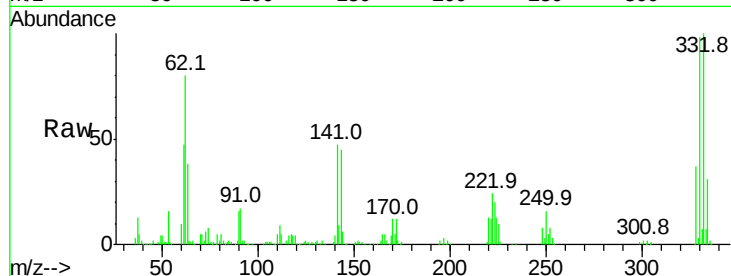




#41
 2,4,6-Tribromophenol
 Concen: 90.90 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

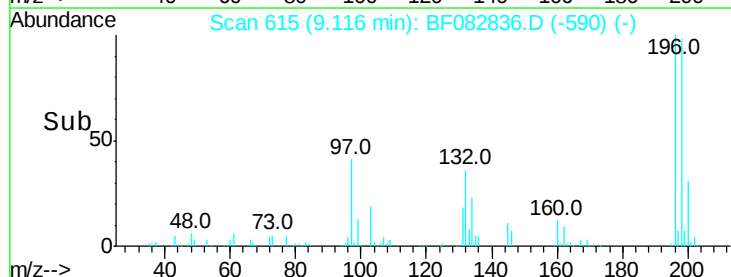
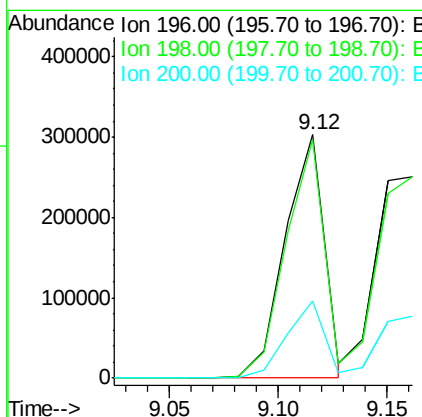
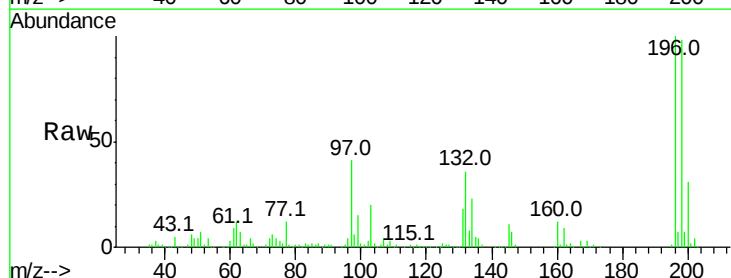
Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

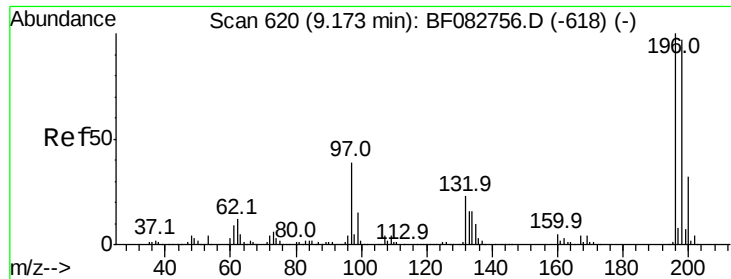
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	76.6	114.8
141	42.2	41.2	61.8



#42
 2,4,6-Trichlorophenol
 Concen: 35.90 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.3	114.5
200	31.5	23.9	35.9

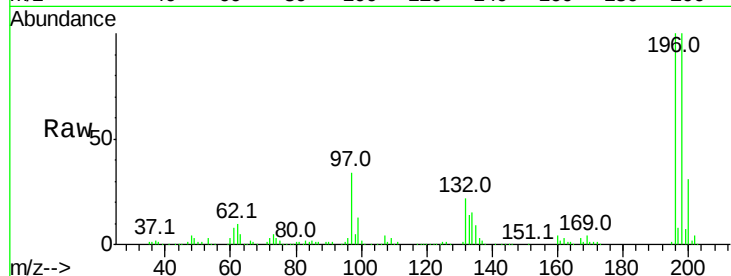




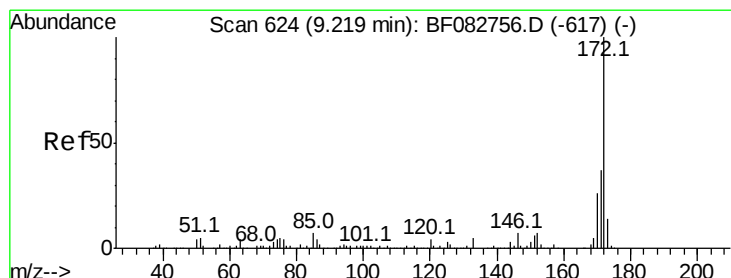
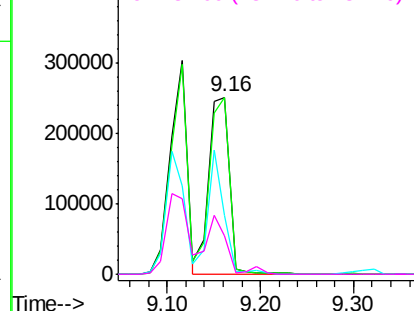
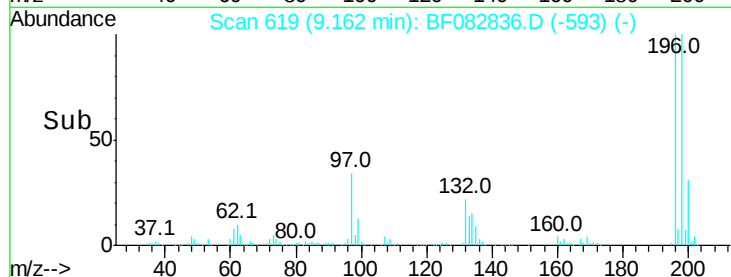
#43
 2,4,5-Trichlorophenol
 Concen: 36.68 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion:	196	Resp:	385131
Ion	Ratio	Lower	Upper
196	100		
198	99.8	75.8	113.8
97	33.6	62.3	93.5#
132	21.7	27.4	41.2#

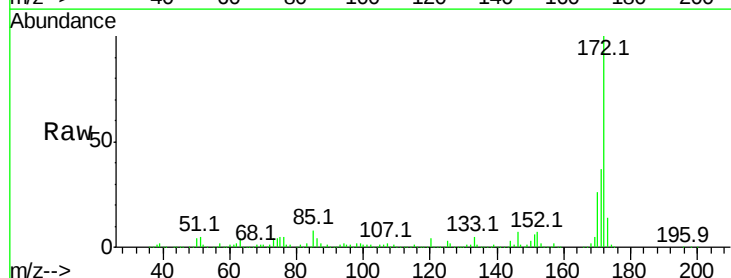


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

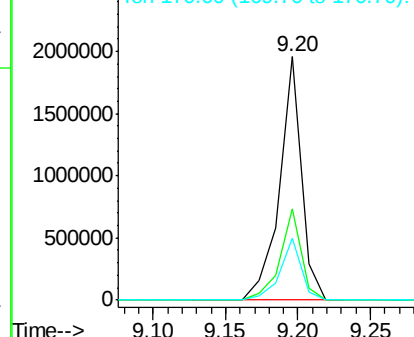
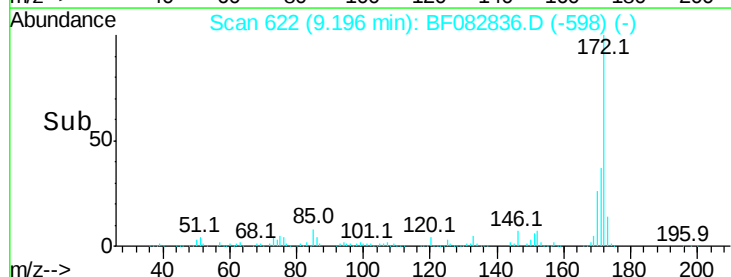


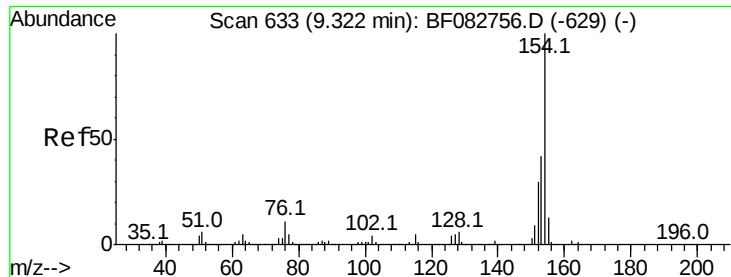
#44
 2-Fluorobiphenyl
 Concen: 67.97 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:	172	Resp:	2052337
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.6	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

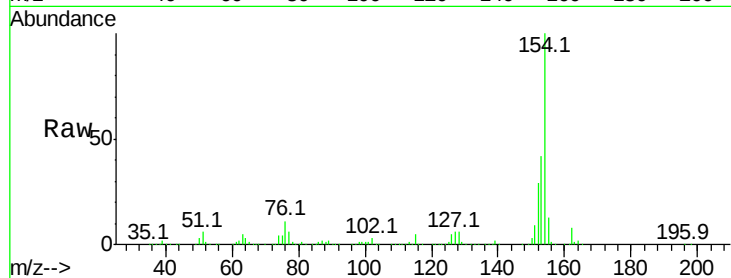




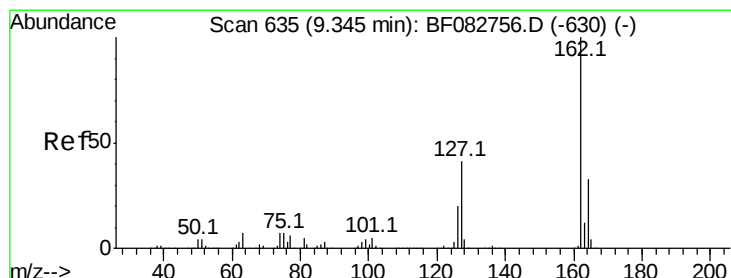
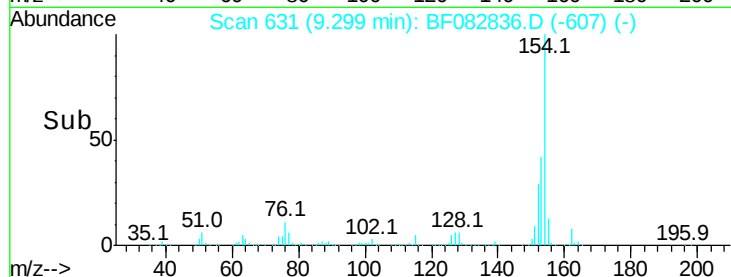
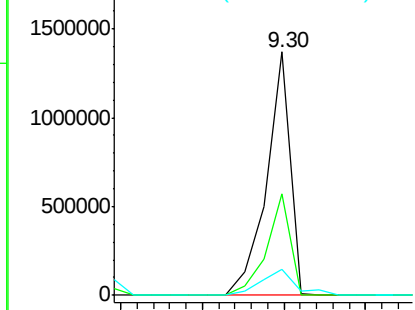
#45
 1,1'-Biphenyl
 Concen: 37.22 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion:154 Resp: 1382060
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.0 62.0
 76 10.9 0.0 29.0

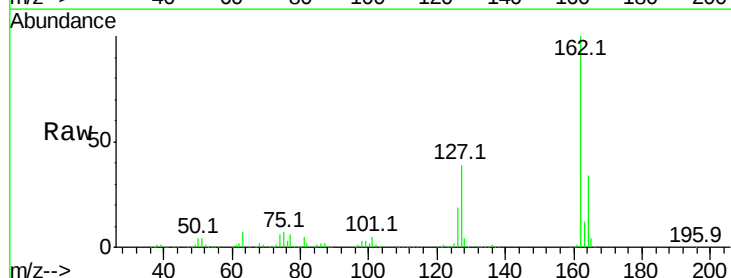


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

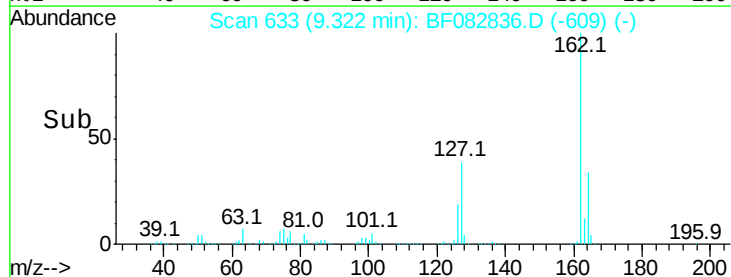
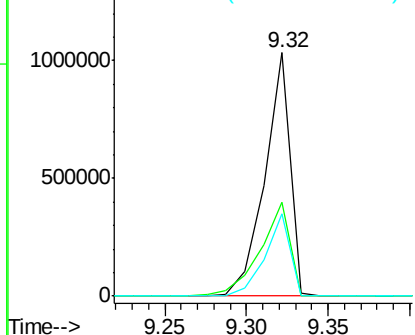


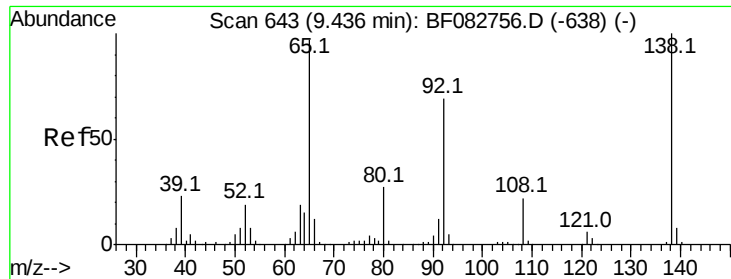
#46
 2-Chloronaphthalene
 Concen: 38.47 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:162 Resp: 1114294
 Ion Ratio Lower Upper
 162 100
 127 38.8 32.7 49.1
 164 33.7 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

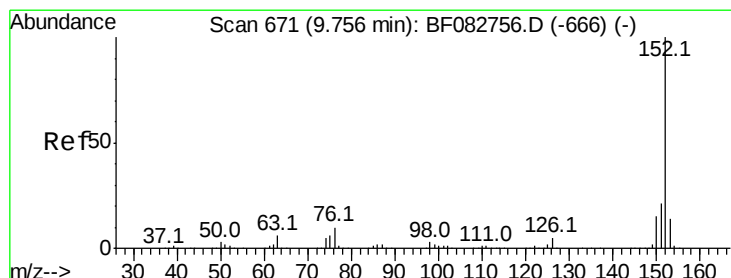
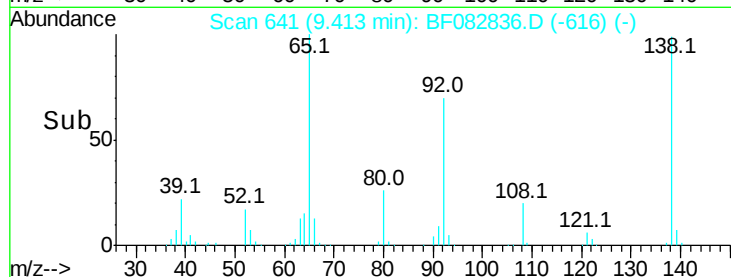
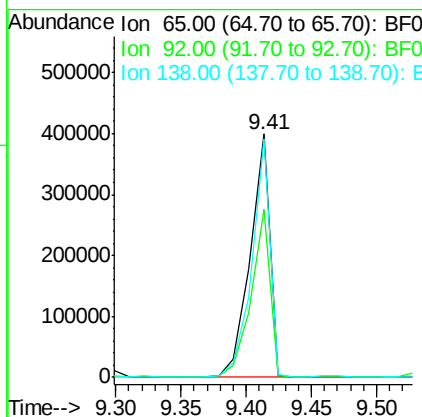
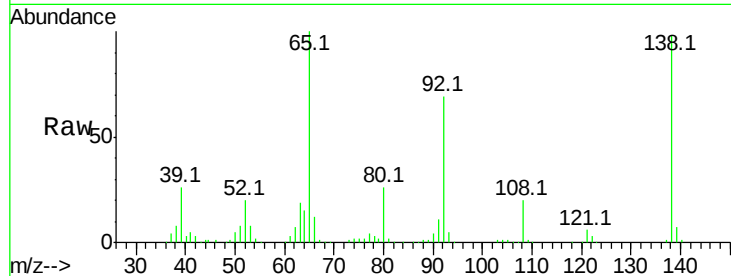




#47
 2-Nitroaniline
 Concen: 39.20 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

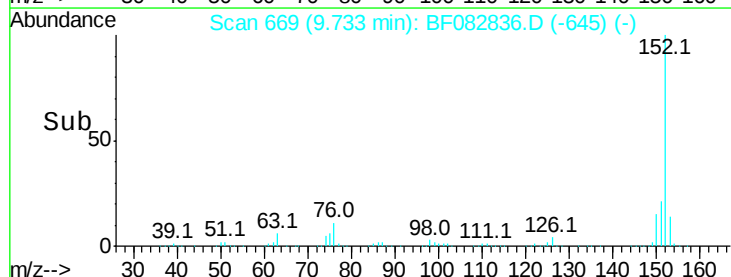
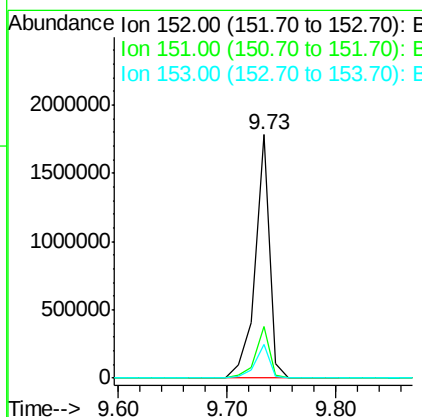
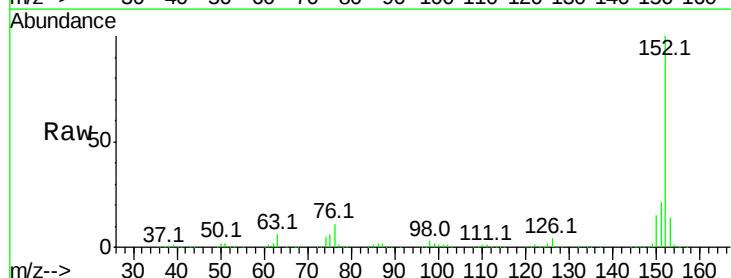
Instrument :
 BNA_F
 ClientSampleID :
 PB86527BS

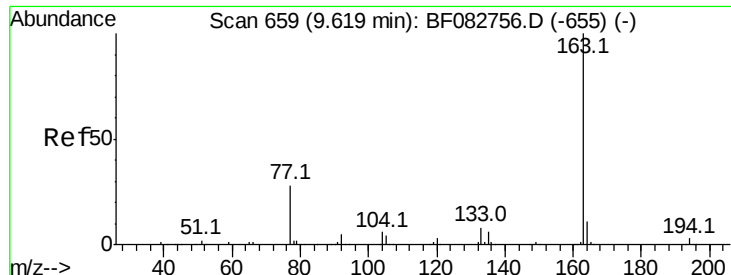
Tot Ion: 65 Resp: 421249
 Ion Ratio Lower Upper
 65 100
 92 69.2 46.6 70.0
 138 97.9 54.6 81.8#



#48
 Acenaphthylene
 Concen: 36.35 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion: 152 Resp: 1650461
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.3 25.9
 153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 32.64 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

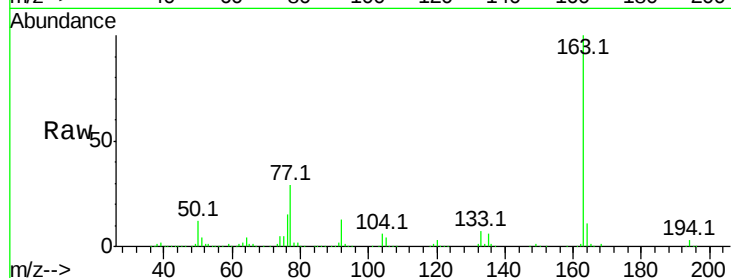
Tot Ion:163 Resp: 1157336

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

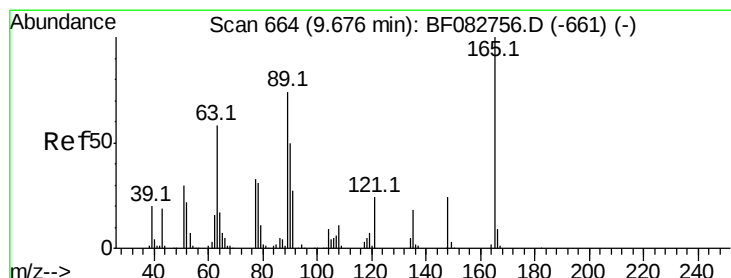
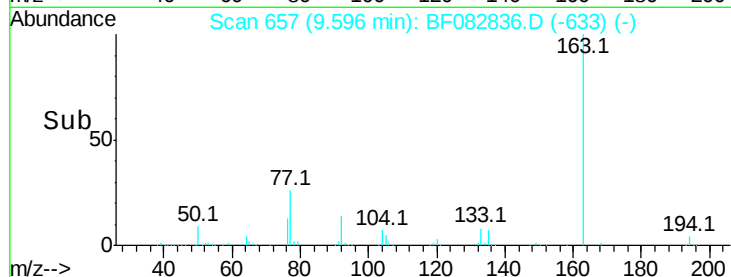
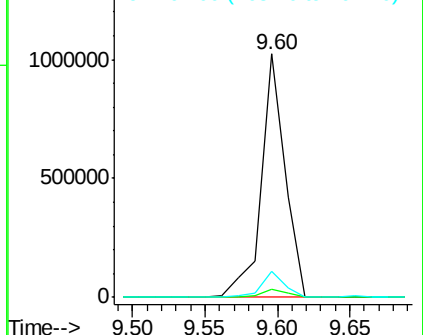
164 10.8 8.7 13.1



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: 34.12 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

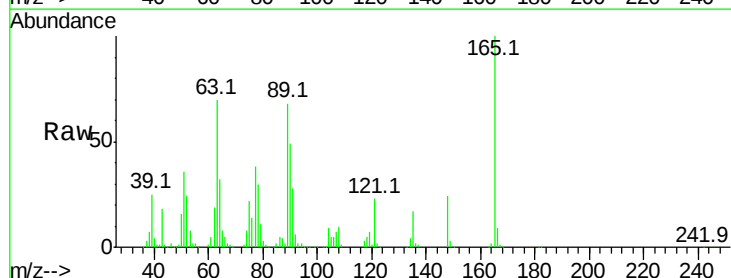
Tgt Ion:165 Resp: 258158

Ion Ratio Lower Upper

165 100

63 70.5 55.5 83.3

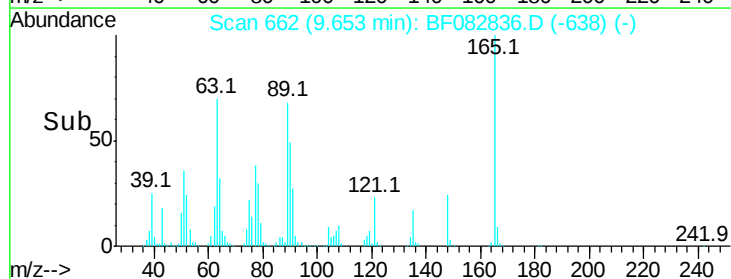
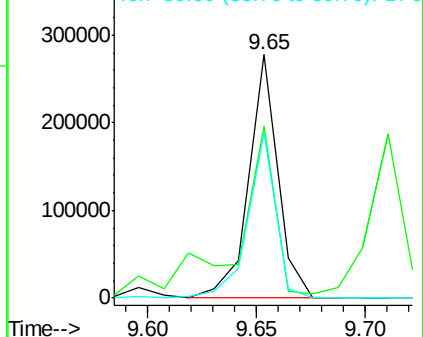
89 67.8 55.0 82.6

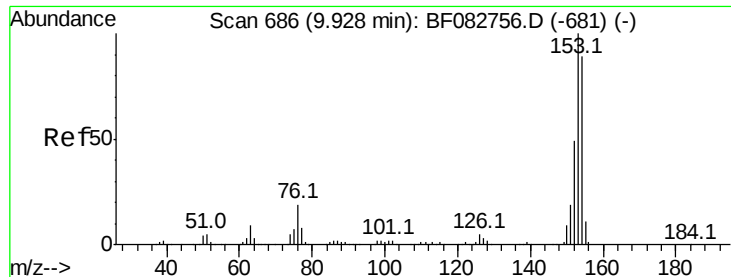


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.05 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

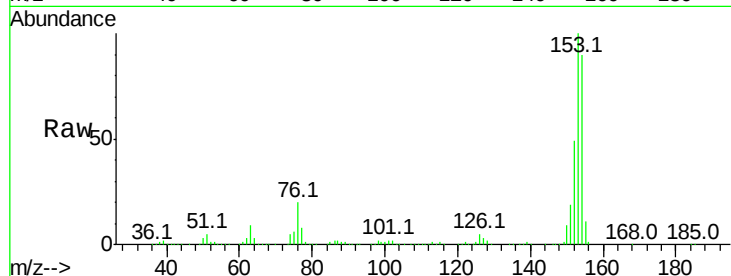
Tot Ion:154 Resp: 1152253

Ion Ratio Lower Upper

154 100

153 111.2 90.1 135.1

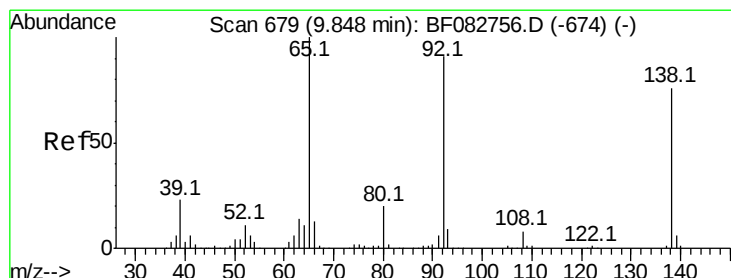
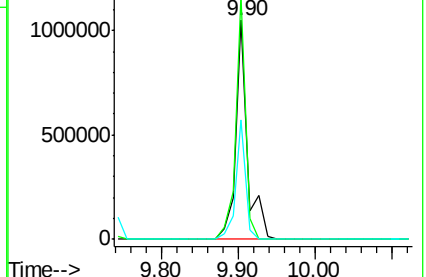
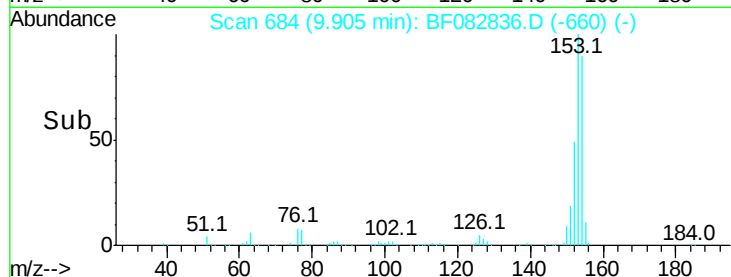
152 54.8 44.3 66.5



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: 20.50 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

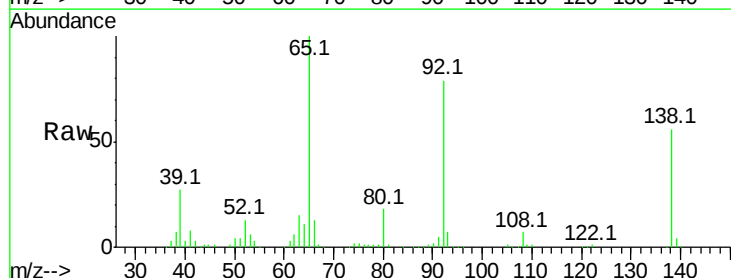
Tgt Ion:138 Resp: 170560

Ion Ratio Lower Upper

138 100

108 12.1 11.3 16.9

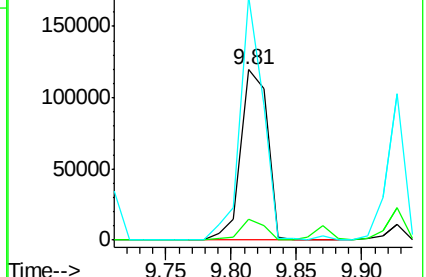
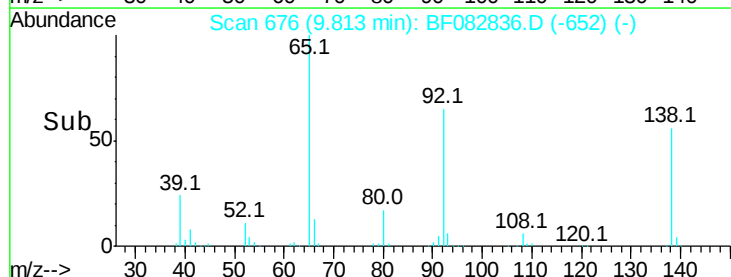
92 142.7 122.4 183.6

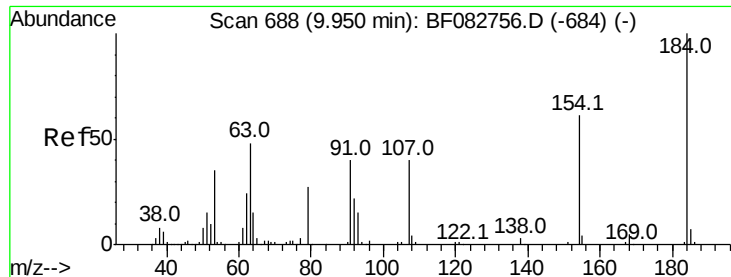


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

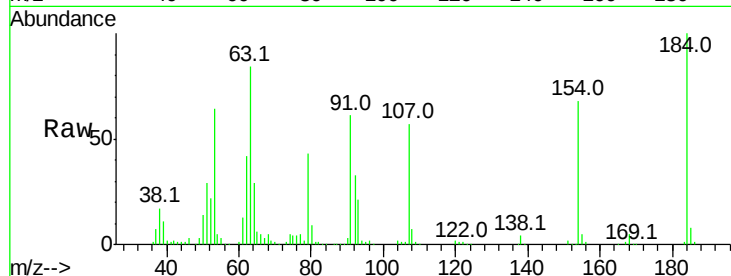




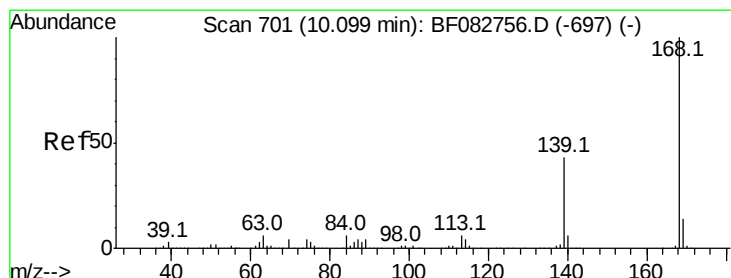
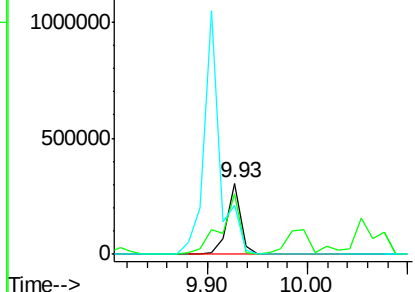
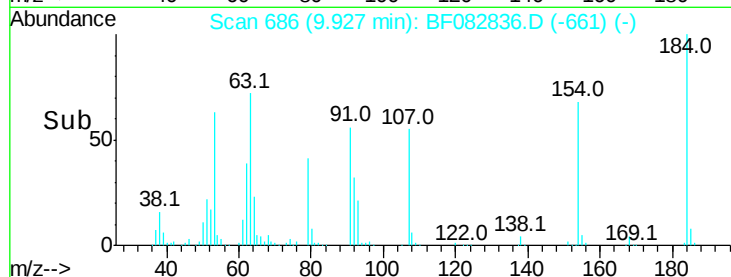
#53
 2,4-Dinitrophenol
 Concen: 70.88 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion:184 Resp: 294426
 Ion Ratio Lower Upper
 184 100
 63 84.3 98.6 148.0#
 154 68.3 183.9 275.9#

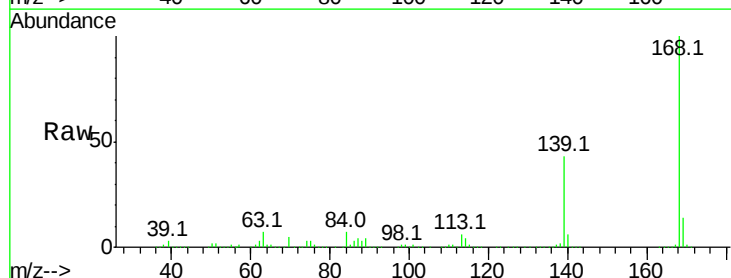


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

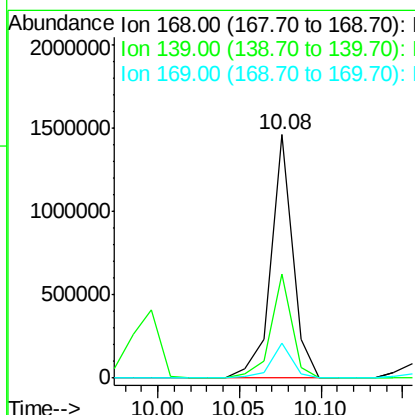
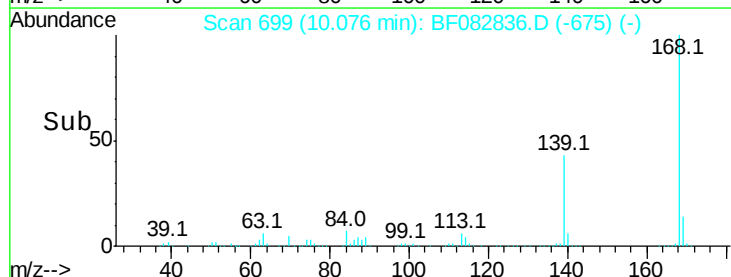


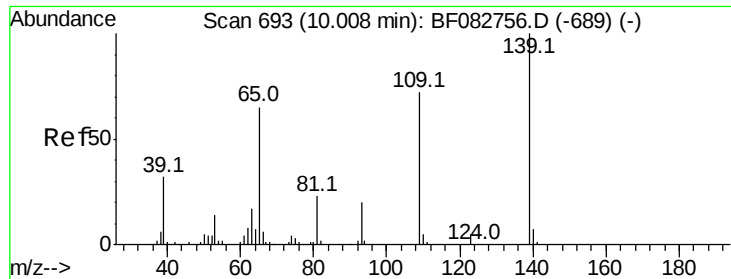
#54
 Dibenzofuran
 Concen: 35.18 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:168 Resp: 1364752
 Ion Ratio Lower Upper
 168 100
 139 43.0 37.8 56.6
 169 14.4 11.3 16.9



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

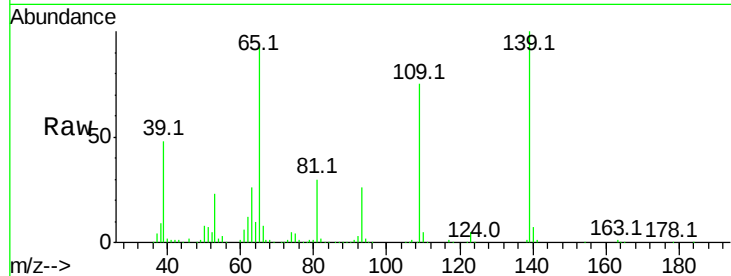




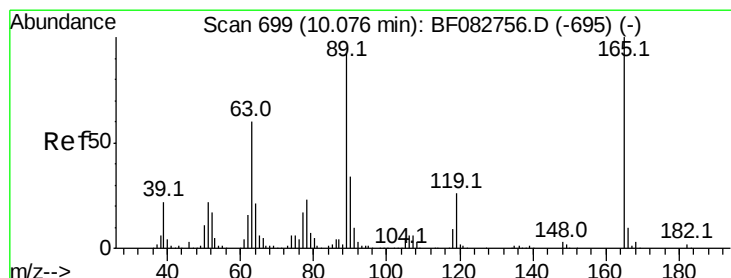
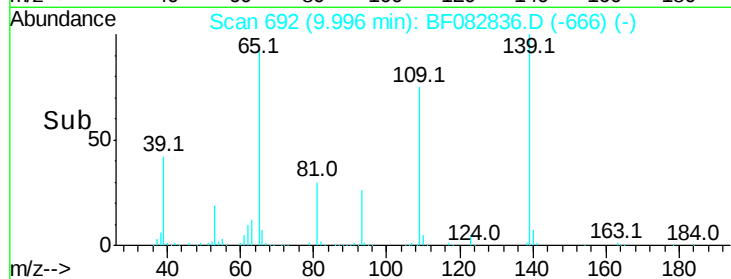
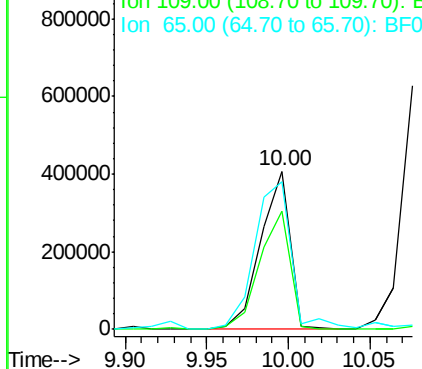
#55
4-Nitrophenol
Concen: 80.67 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion:139 Resp: 514920
Ion Ratio Lower Upper
139 100
109 74.5 73.7 113.7
65 93.1 82.9 122.9



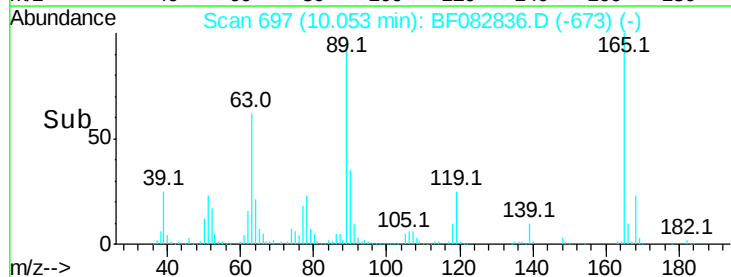
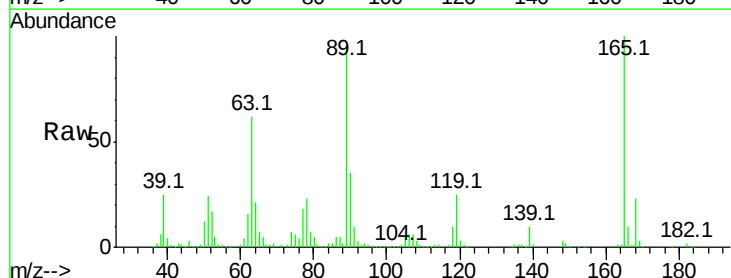
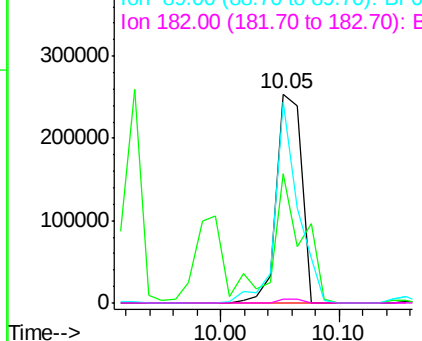
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

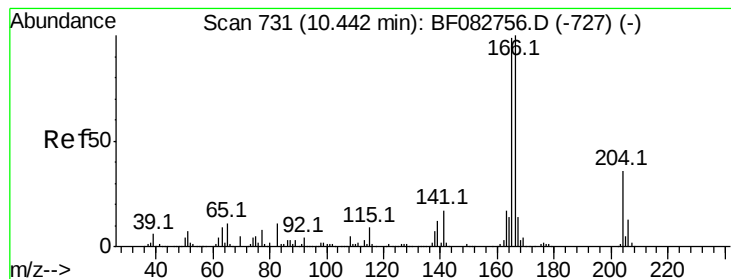


#56
2,4-Dinitrotoluene
Concen: 35.97 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:165 Resp: 369281
Ion Ratio Lower Upper
165 100
63 61.9 43.4 65.0
89 96.1 70.6 106.0
182 1.8 1.5 2.3

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.94 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

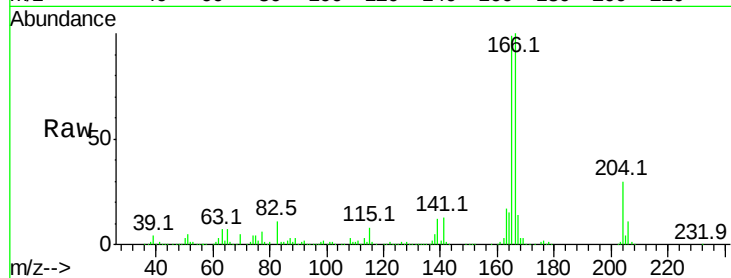
Tot Ion:166 Resp: 1129236

Ion Ratio Lower Upper

166 100

165 98.6 80.2 120.4

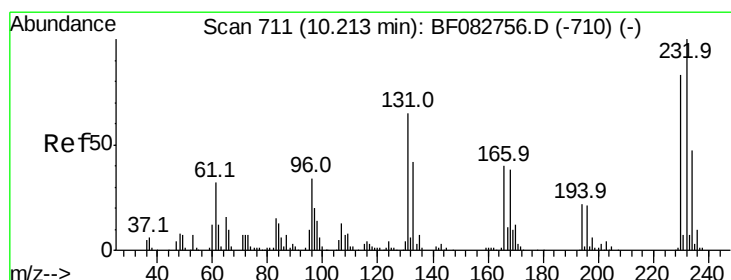
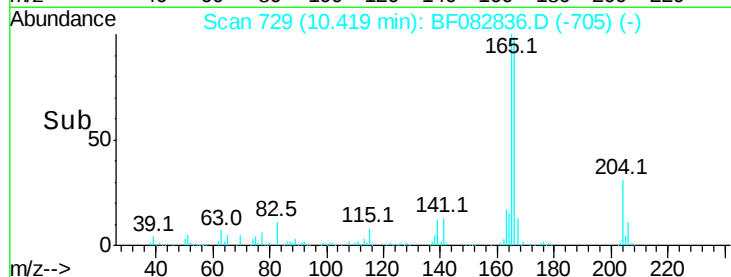
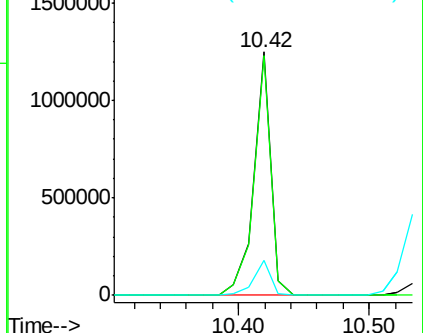
167 14.2 11.2 16.8



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: 35.37 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:232 Resp: 303111

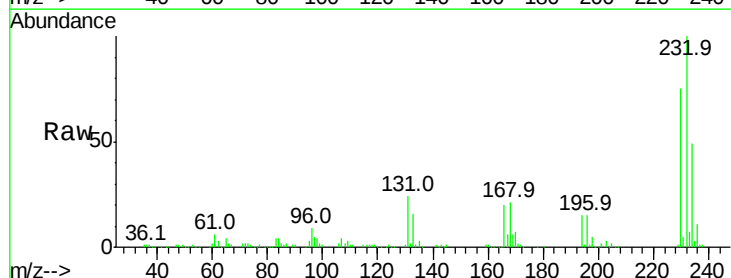
Ion Ratio Lower Upper

232 100

131 46.8 46.2 69.2

130 2.3 2.4 3.6#

166 31.4 28.2 42.2

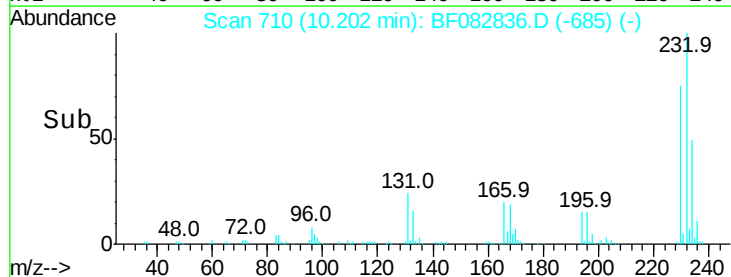
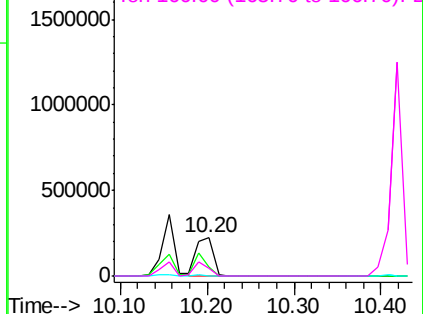


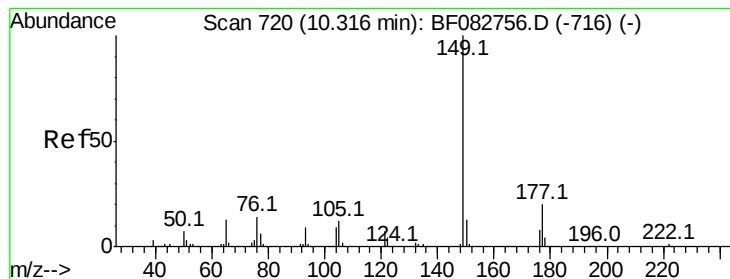
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.10 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

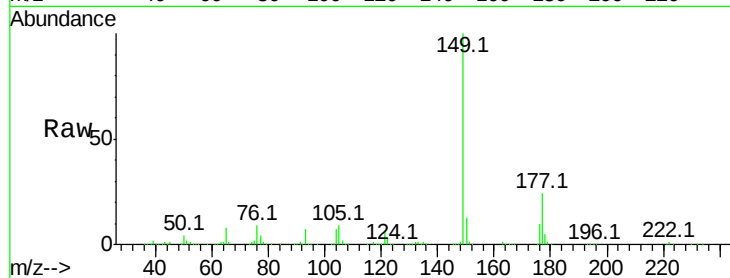
Tot Ion:149 Resp: 1249926

Ion Ratio Lower Upper

149 100

177 24.3 17.9 26.9

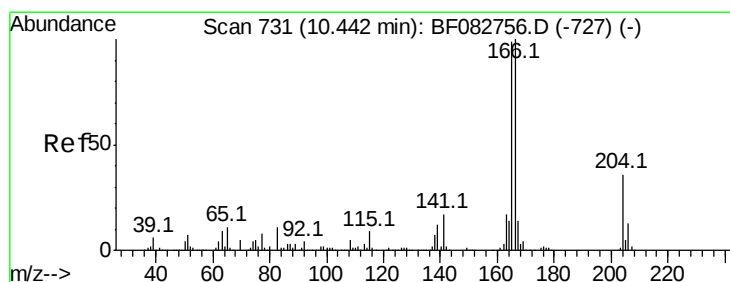
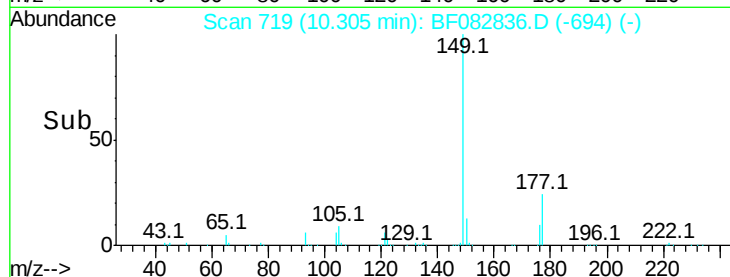
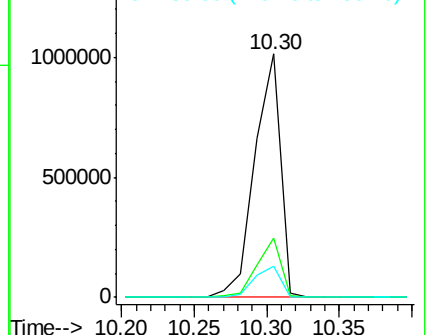
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.50 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

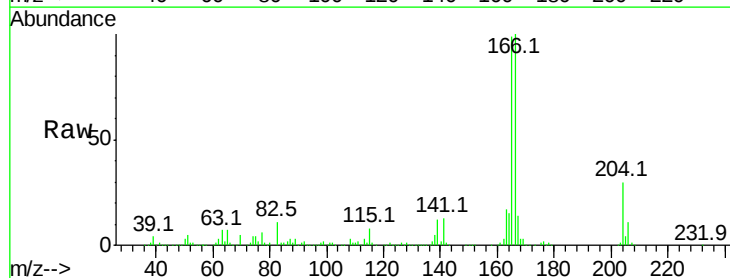
Tgt Ion:204 Resp: 526581

Ion Ratio Lower Upper

204 100

206 35.0 28.5 42.7

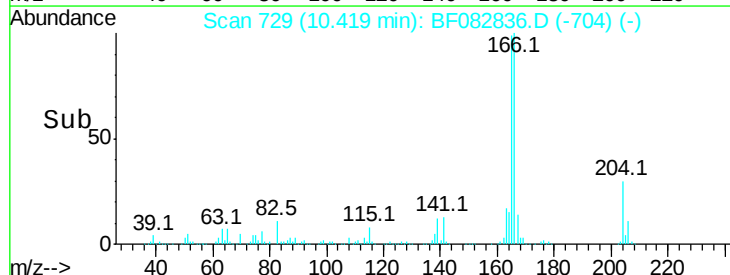
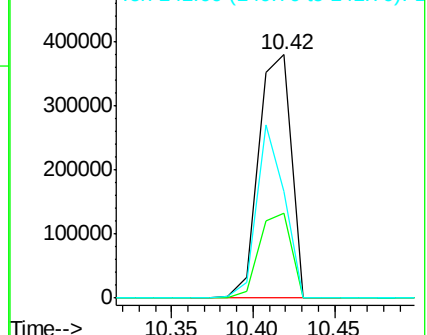
141 43.9 44.6 66.8#

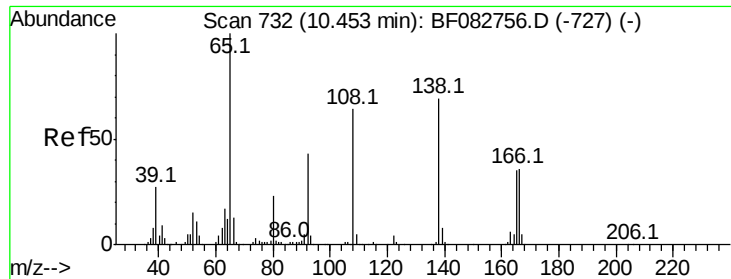


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.87 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

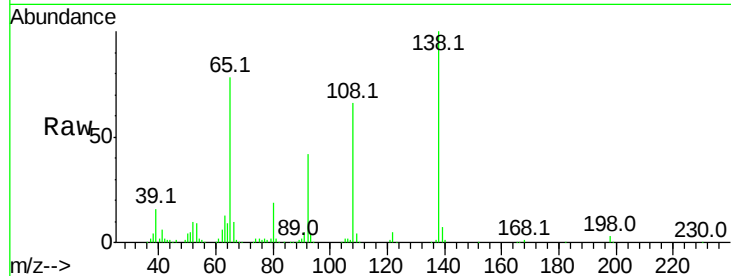
Tot Ion:138 Resp: 300127

Ion Ratio Lower Upper

138 100

92 41.6 45.8 85.8#

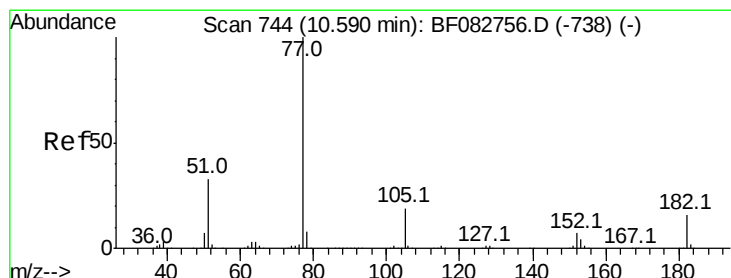
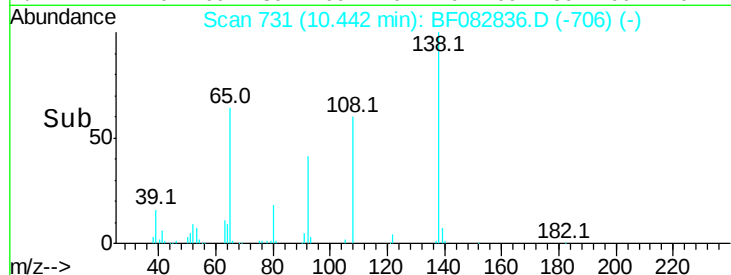
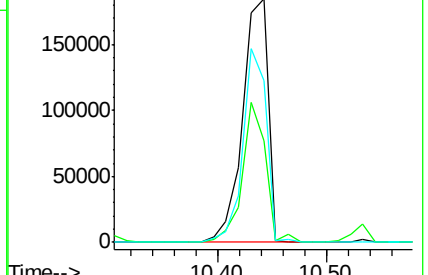
108 66.3 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.45 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion: 77 Resp: 1392809

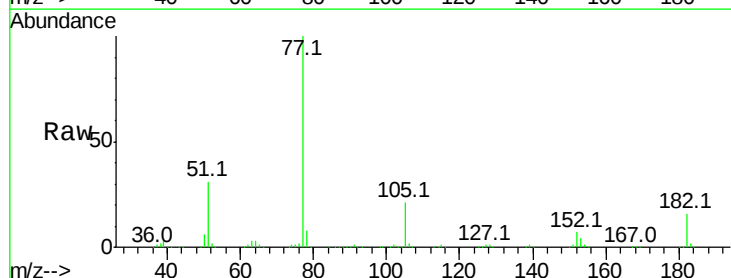
Ion Ratio Lower Upper

77 100

182 16.3 9.3 49.3

105 20.5 2.6 42.6

51 31.2 9.9 49.9

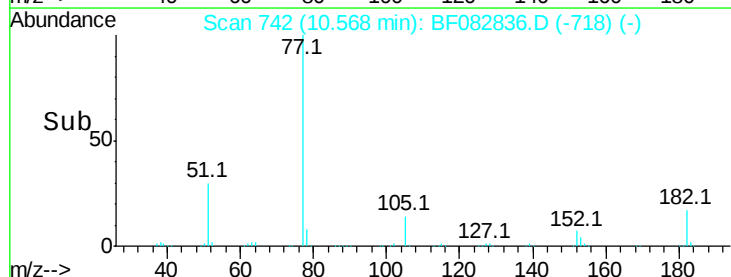
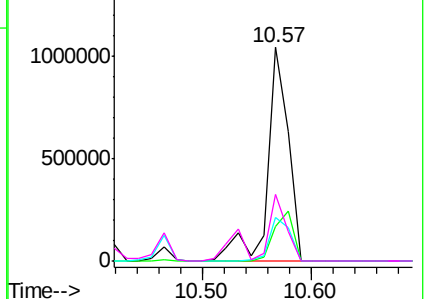


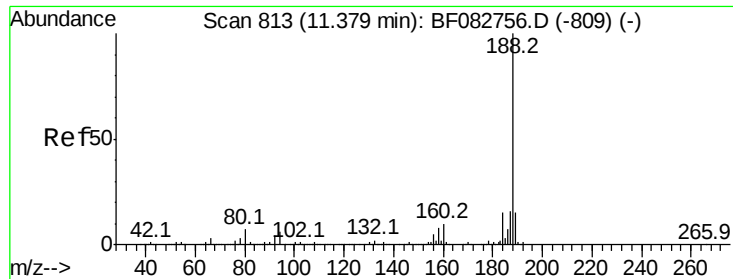
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

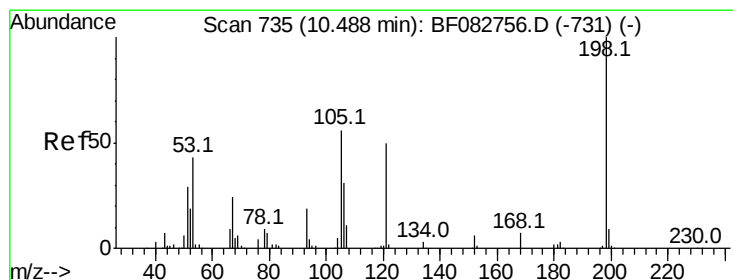
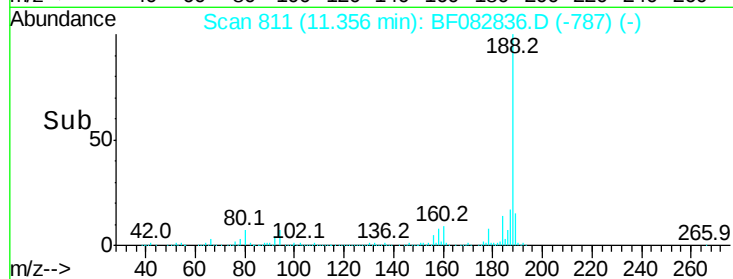
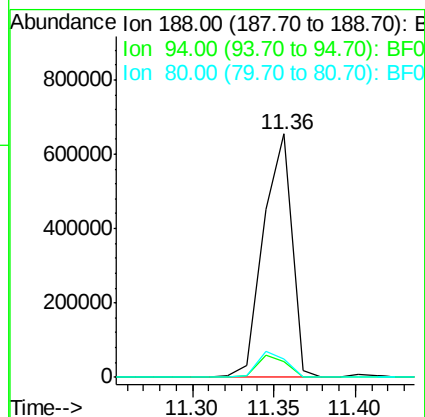
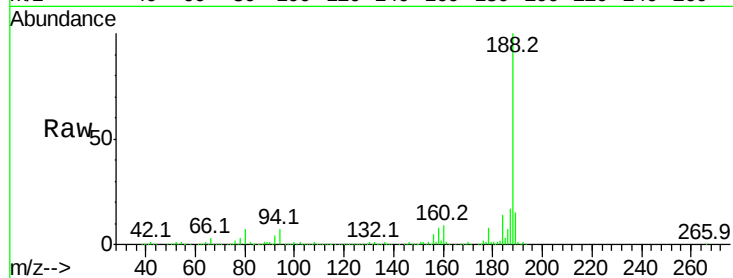




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

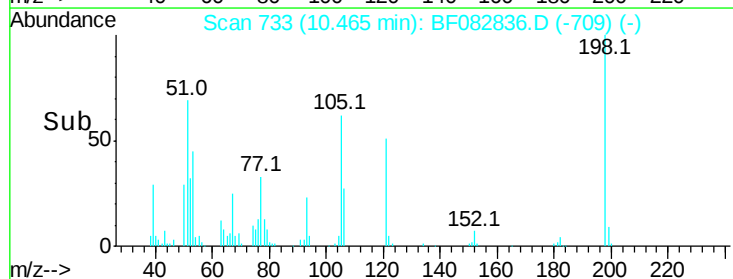
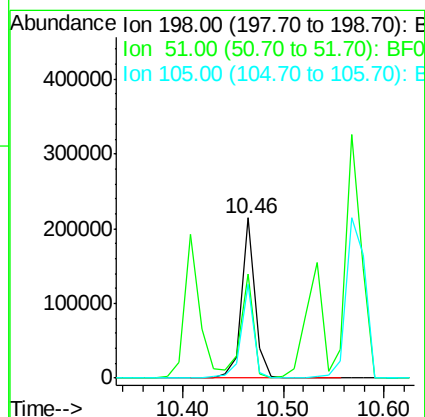
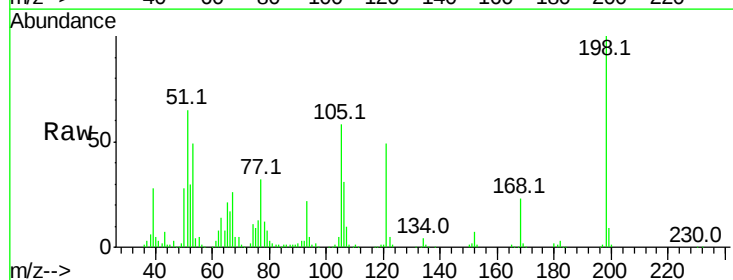
Instrument :
BNA_F
ClientSampleId :
PB86527BS

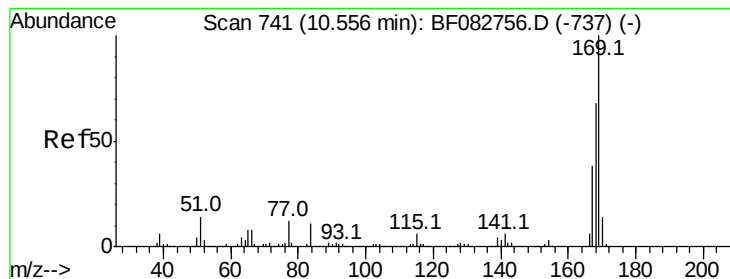
Tot Ion:188 Resp: 796081
Ion Ratio Lower Upper
188 100
94 6.7 6.1 9.1
80 7.4 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 35.07 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:198 Resp: 198886
Ion Ratio Lower Upper
198 100
51 64.8 17.3 57.3#
105 58.2 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 36.07 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

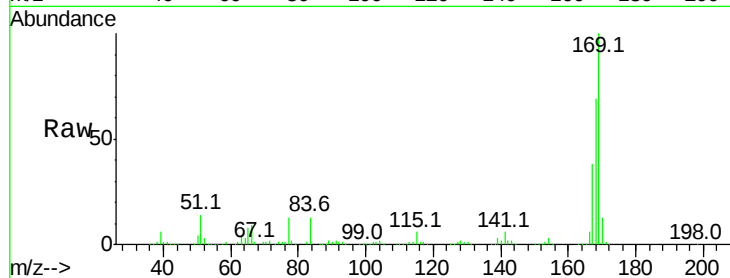
Tot Ion:169 Resp: 1037441

Ion Ratio Lower Upper

169 100

168 68.7 55.0 82.6

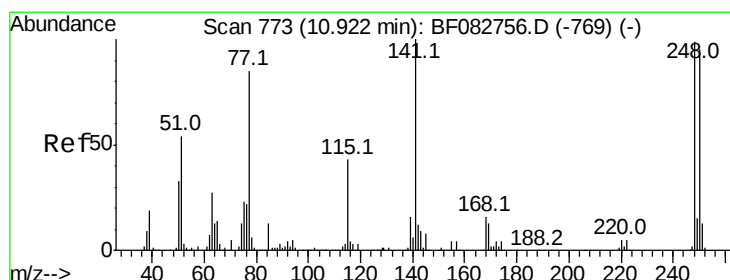
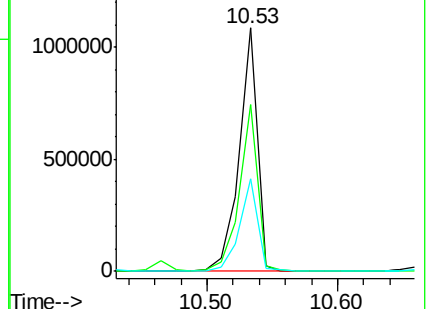
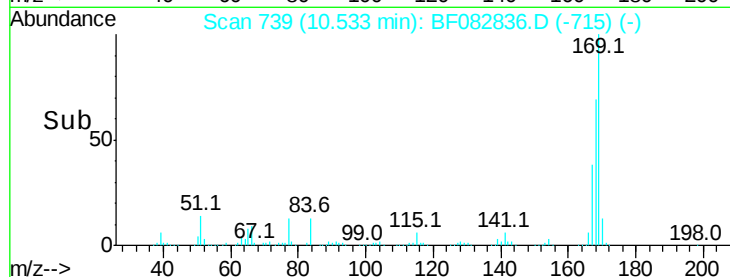
167 38.2 30.5 45.7



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: 32.81 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

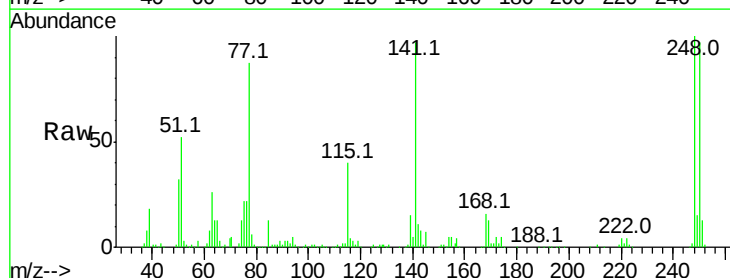
Tgt Ion:248 Resp: 314489

Ion Ratio Lower Upper

248 100

250 97.2 79.4 119.2

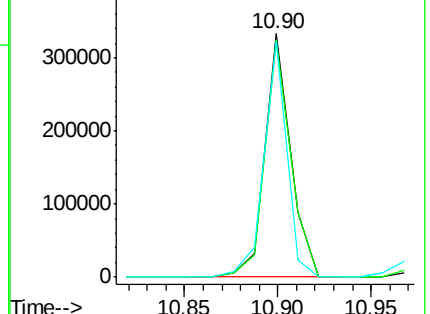
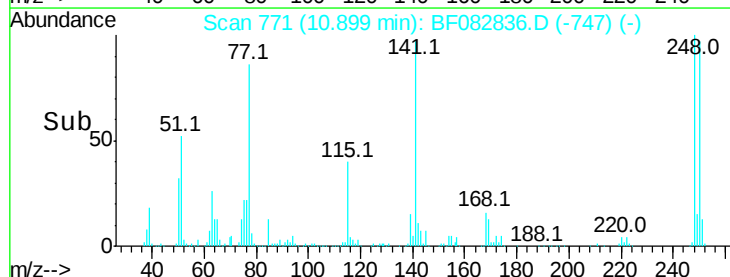
141 97.0 36.3 54.5#

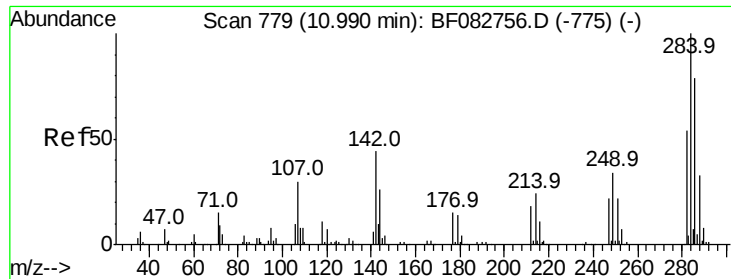


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.69 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

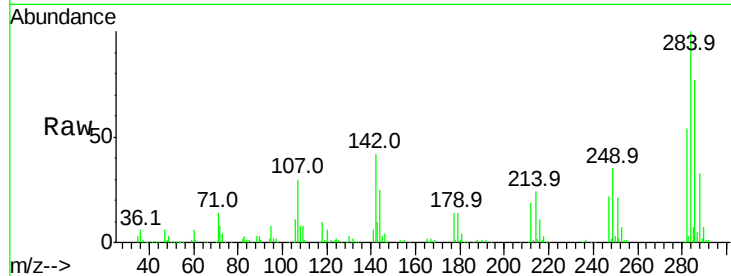
Tot Ion:284 Resp: 349938

Ion Ratio Lower Upper

284 100

142 41.8 47.9 71.9#

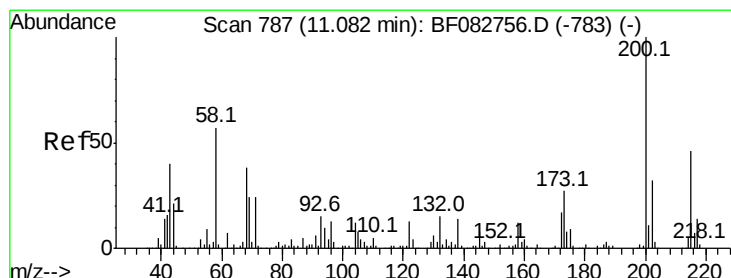
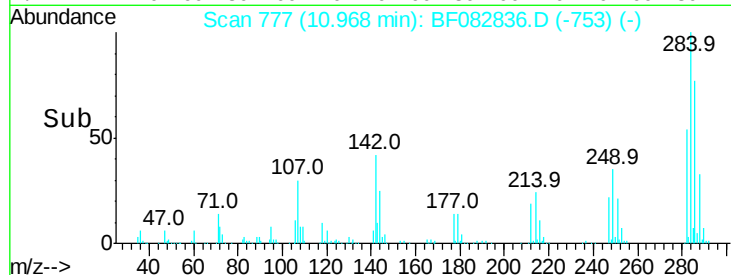
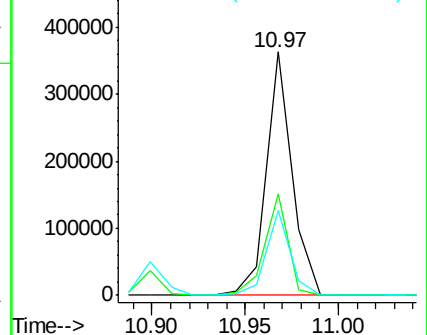
249 35.1 29.7 44.5



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: 34.09 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

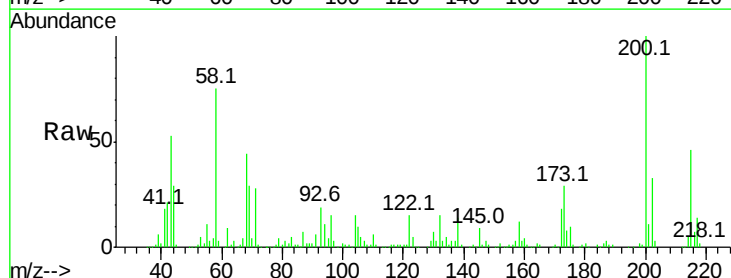
Tgt Ion:200 Resp: 303140

Ion Ratio Lower Upper

200 100

173 28.8 6.9 46.9

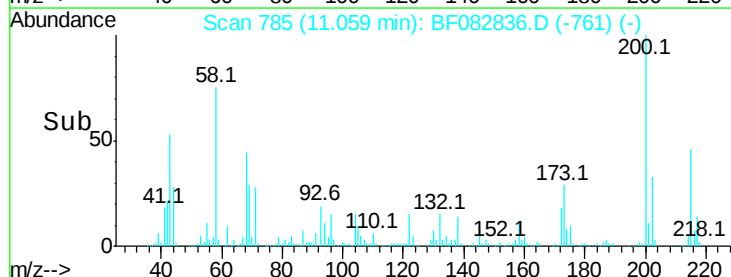
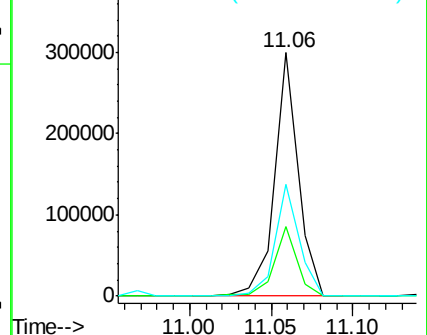
215 46.1 22.9 62.9

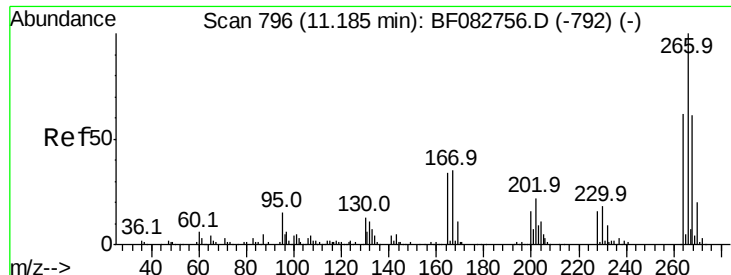


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

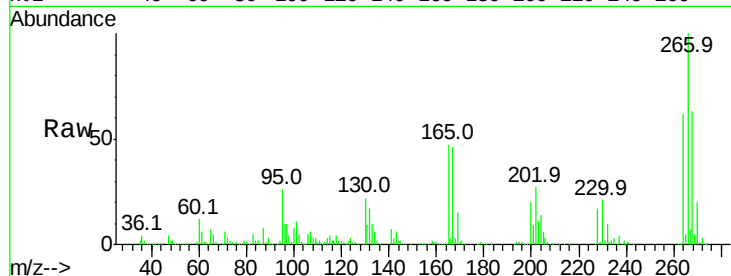




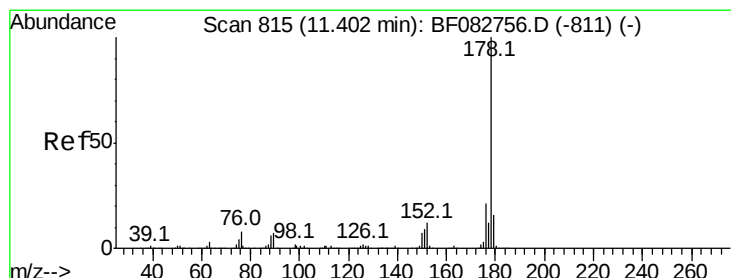
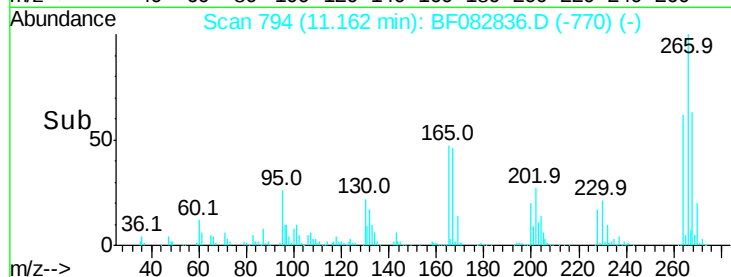
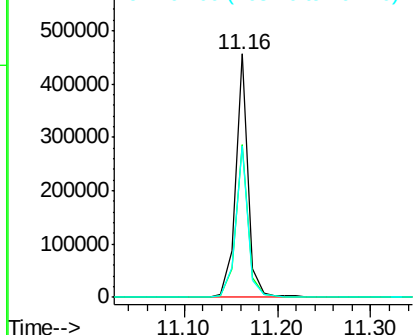
#69
 Pentachlorophenol
 Concen: 65.99 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.0	76.6
264	62.4	50.6	75.8

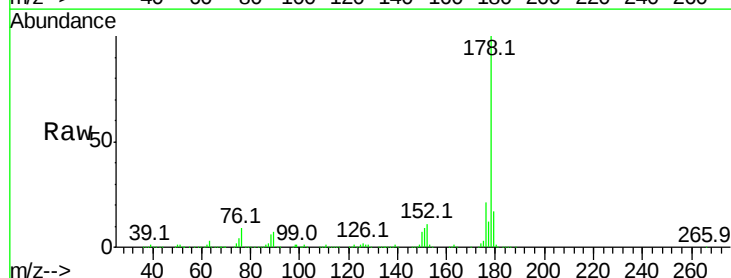


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

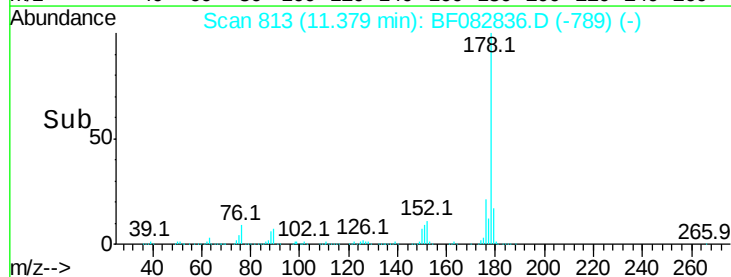
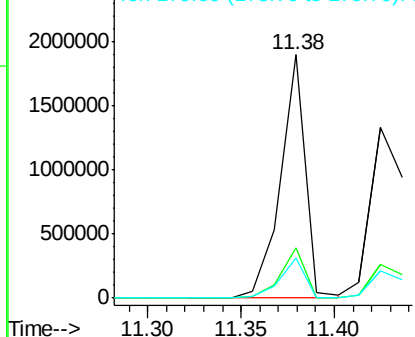


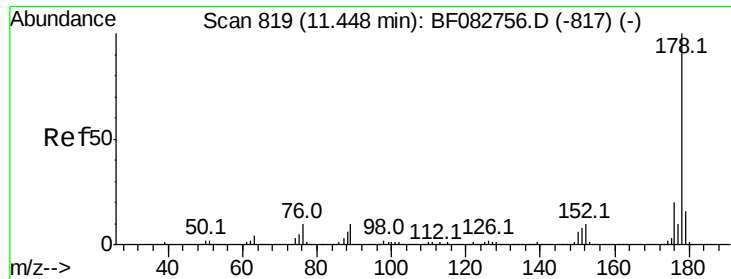
#70
 Phenanthrene
 Concen: 38.03 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	17.0	25.4
179	16.5	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

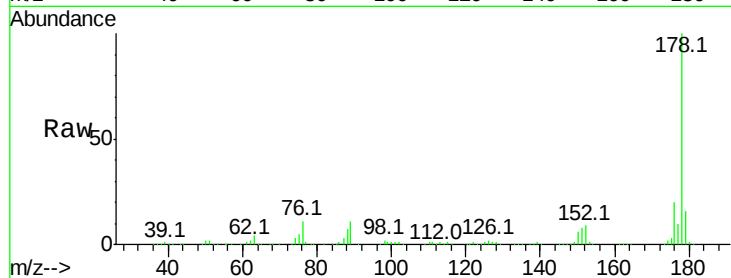




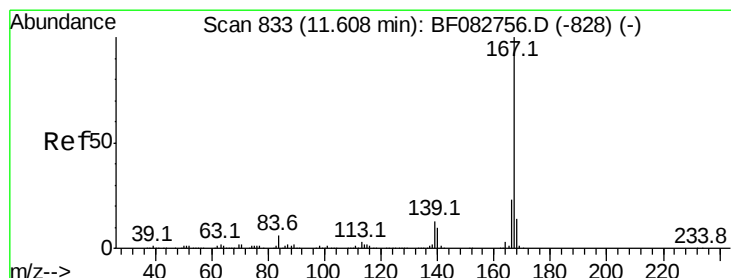
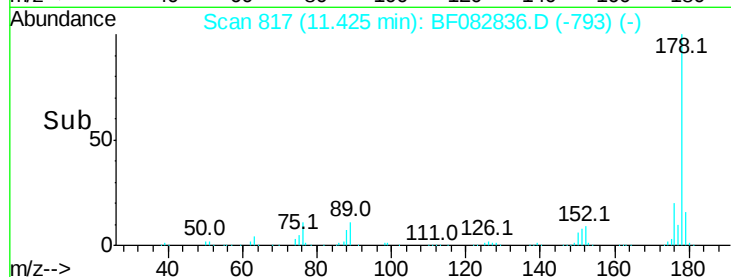
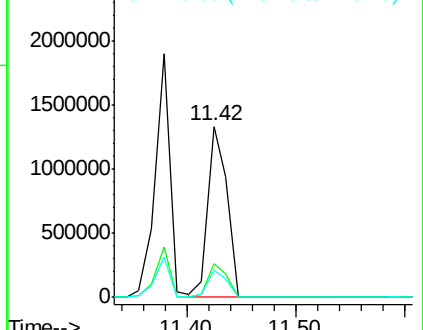
#71
 Anthracene
 Concen: 34.06 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion:178 Resp: 1658486
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.1 13.2 19.8

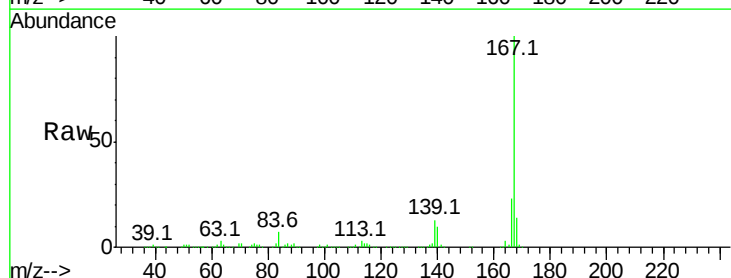


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

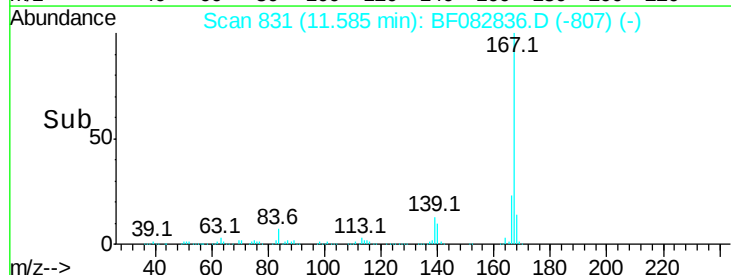
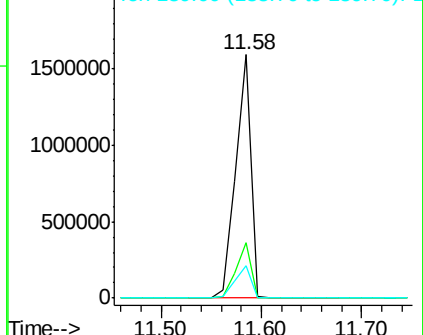


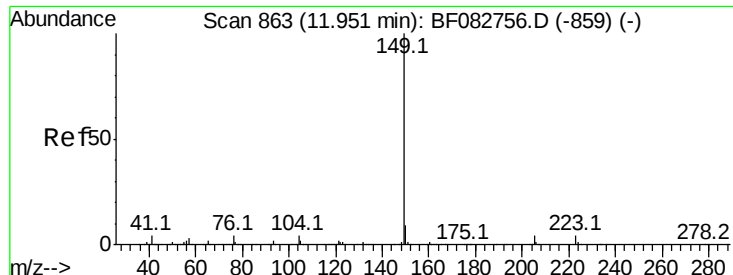
#72
 Carbazole
 Concen: 39.24 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:167 Resp: 1672735
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.7 28.1
 139 13.2 11.8 17.6



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





#73

Di-n-butylphthalate

Concen: 35.21 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

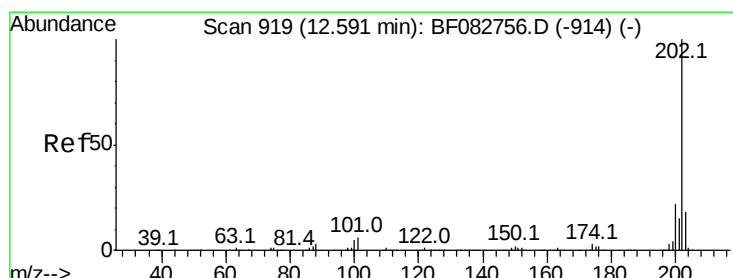
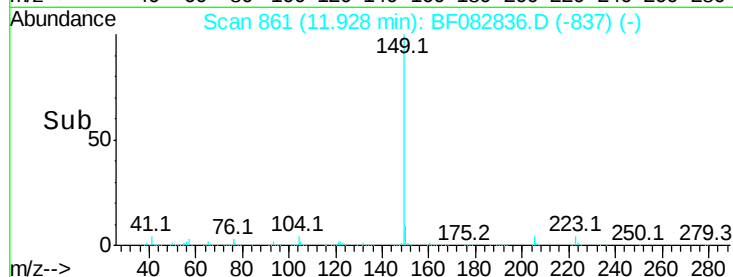
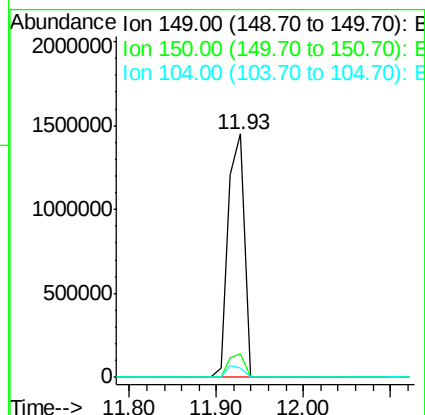
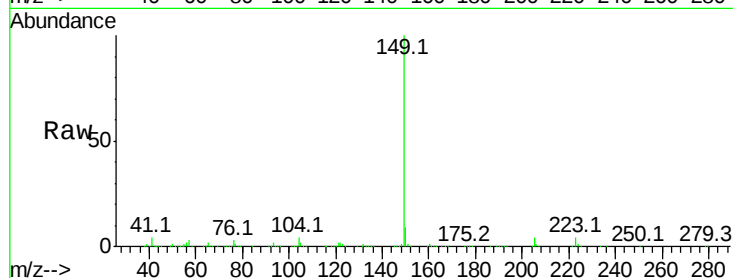
Tot Ion:149 Resp: 1870067

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

104 4.0 5.2 7.8#



#74

Fluoranthene

Concen: 35.48 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

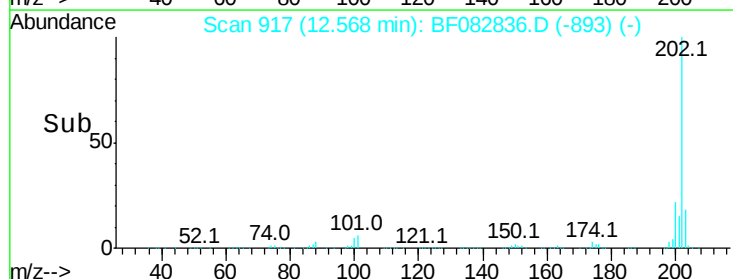
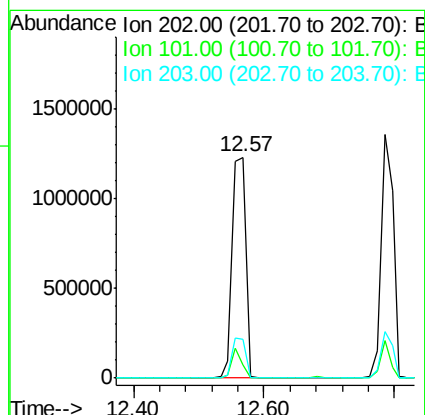
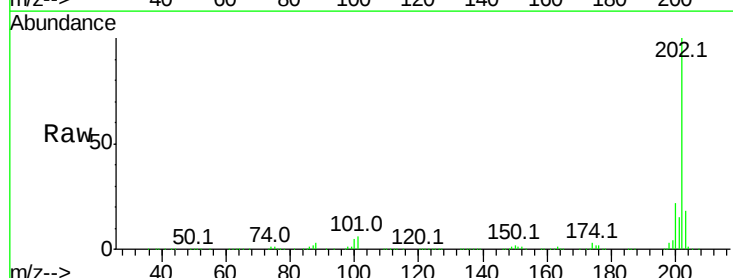
Tgt Ion:202 Resp: 1760130

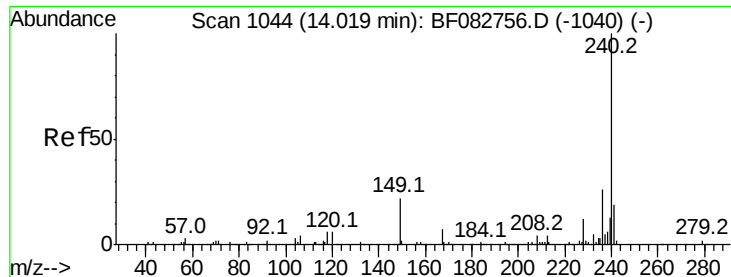
Ion Ratio Lower Upper

202 100

101 6.0 0.0 30.5

203 17.6 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

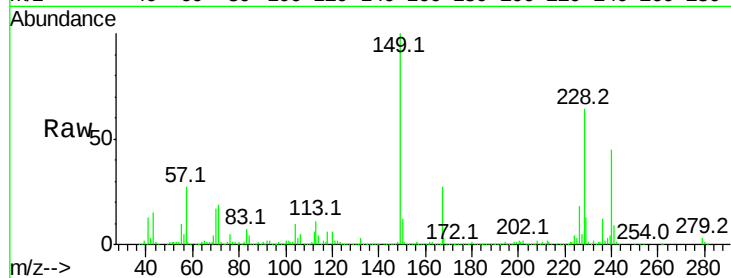
Tot Ion:240 Resp: 603081

Ion Ratio Lower Upper

240 100

120 13.8 10.9 16.3

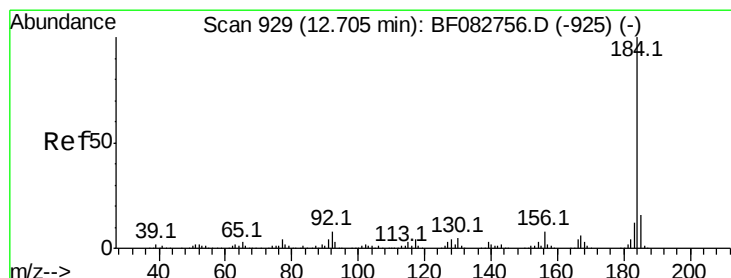
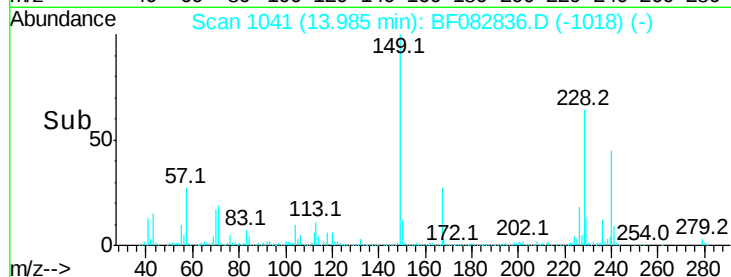
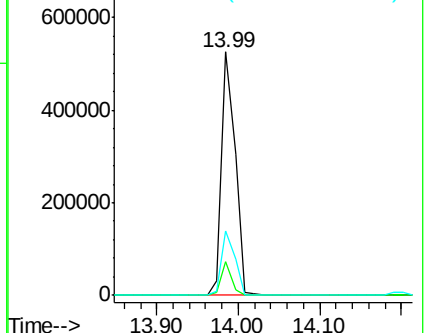
236 26.6 21.6 32.4



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: 43.47 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

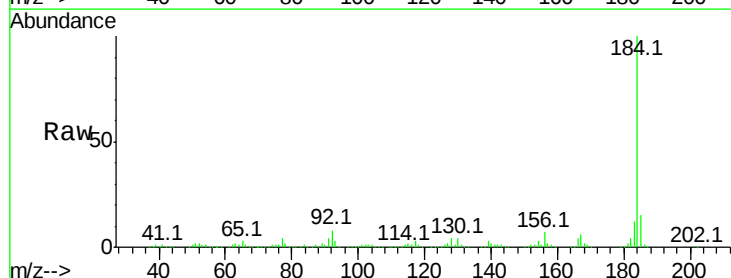
Tgt Ion:184 Resp: 878510

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

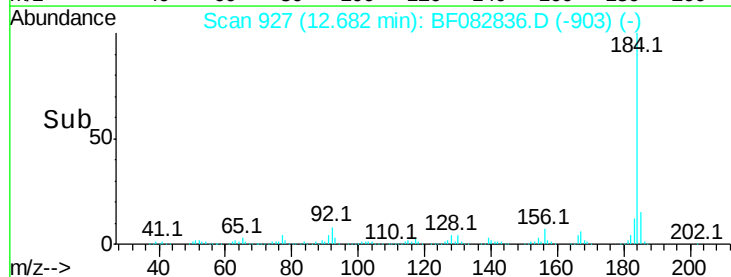
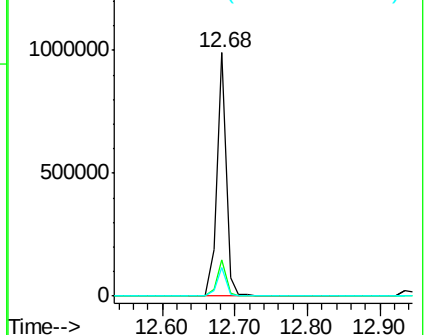
183 11.8 9.6 14.4

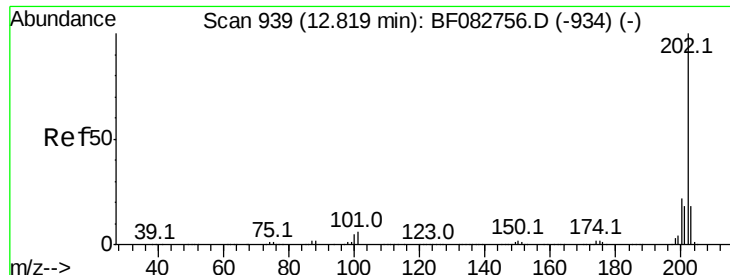


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

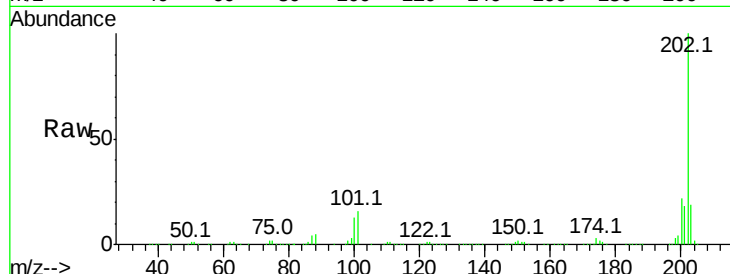




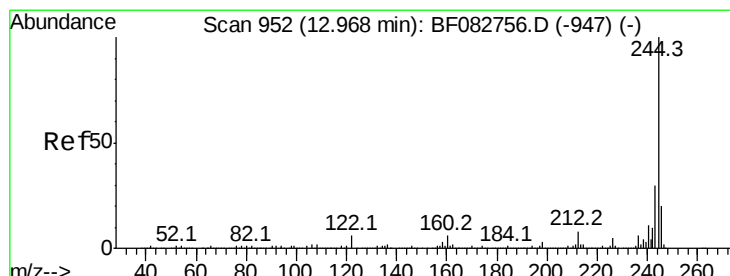
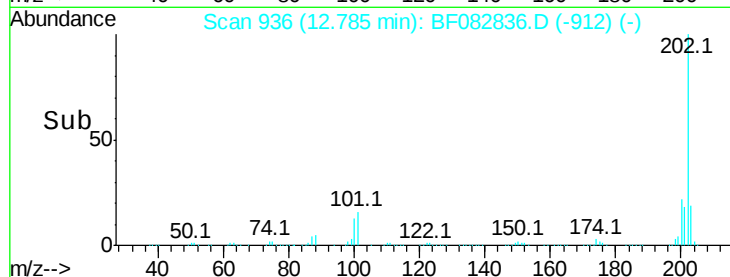
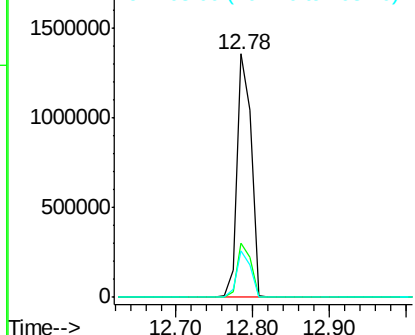
#77
Pvrene
Concen: 42.69 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion:202 Resp: 1767878
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 19.1 14.8 22.2

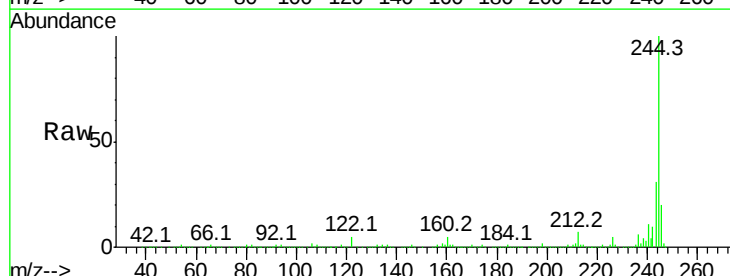


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

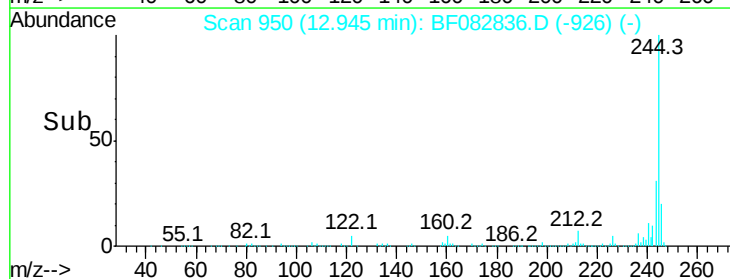
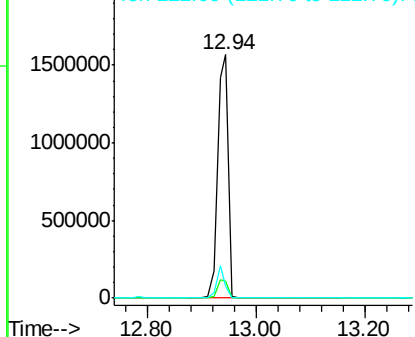


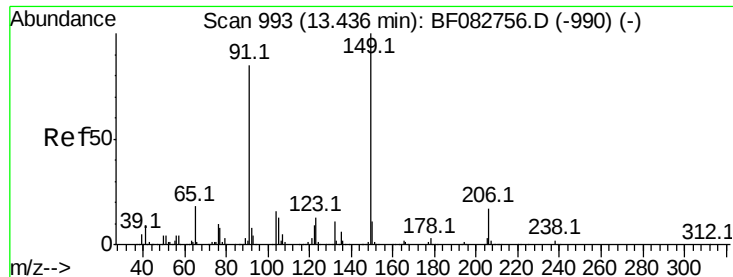
#78
Terphenyl-d14
Concen: 86.24 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:244 Resp: 2192790
Ion Ratio Lower Upper
244 100
212 6.9 7.6 11.4#
122 4.9 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

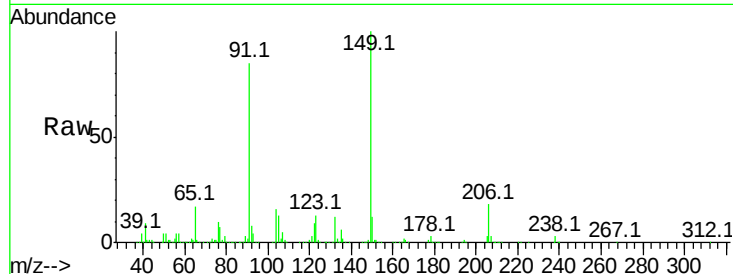




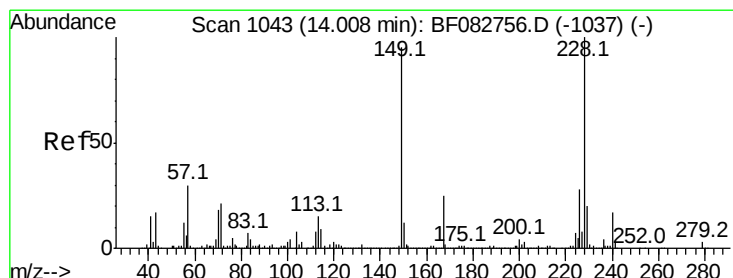
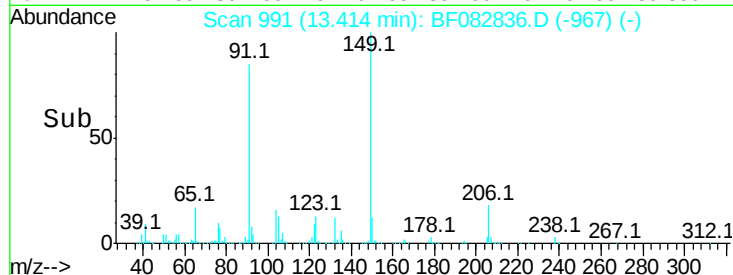
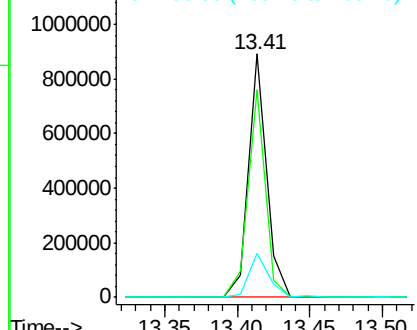
#79
Butylbenzylphthalate
Concen: 42.31 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion:149 Resp: 774104
Ion Ratio Lower Upper
149 100
91 85.3 67.7 101.5
206 18.2 14.6 22.0

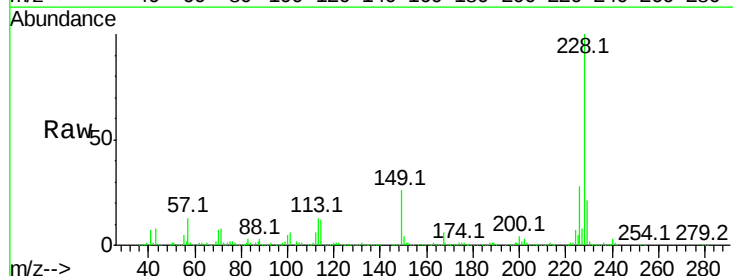


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

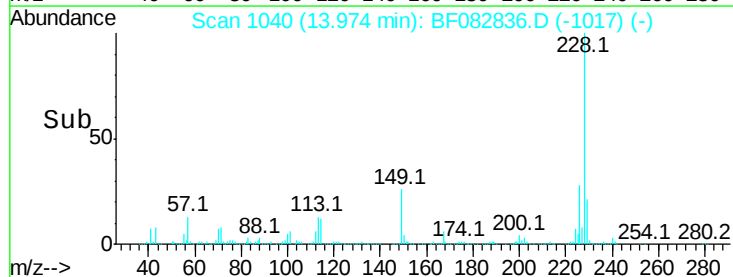
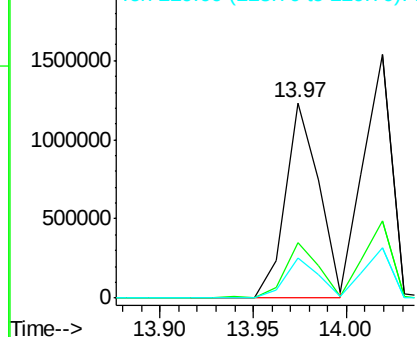


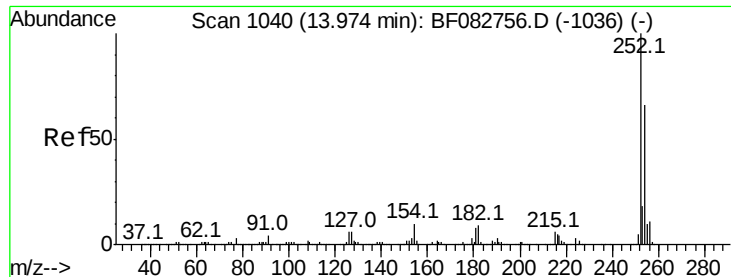
#80
Benzo(a)anthracene
Concen: 41.14 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:228 Resp: 1551569
Ion Ratio Lower Upper
228 100
226 28.4 23.4 35.2
229 20.5 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

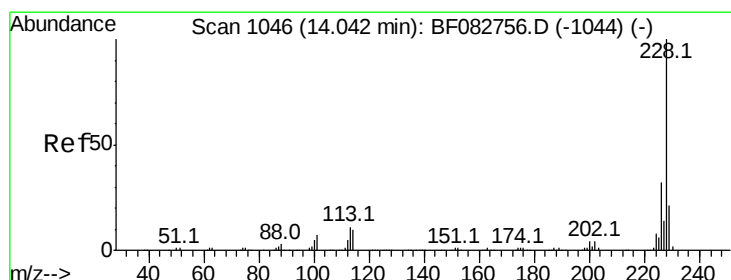
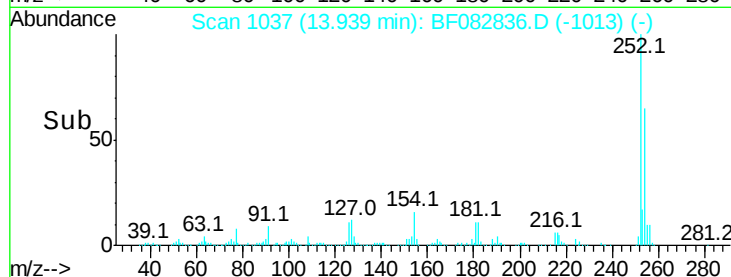
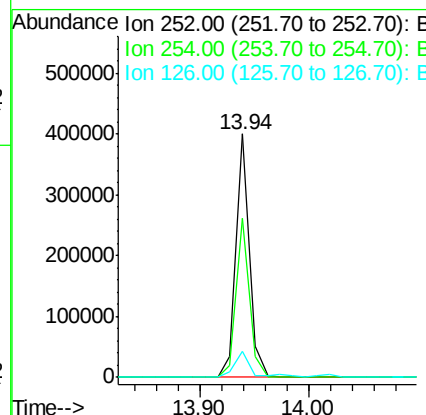
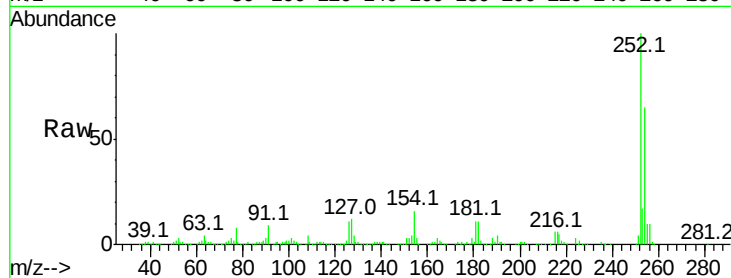




#81
 3,3'-Dichlorobenzidine
 Concen: 25.12 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

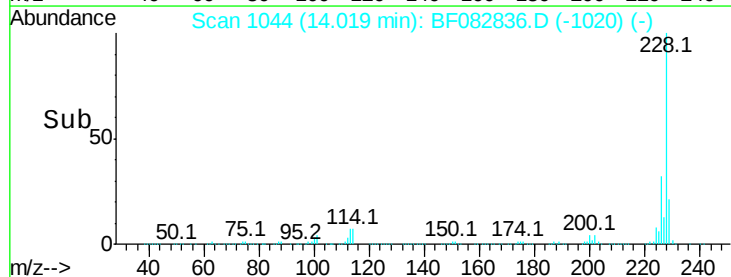
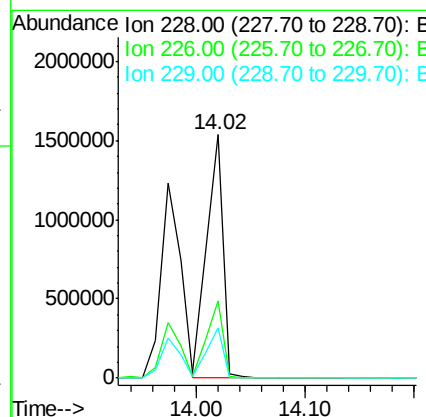
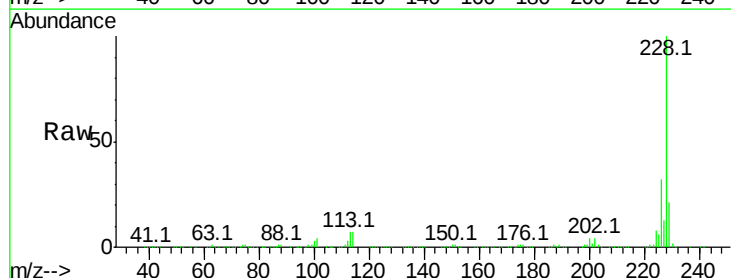
Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

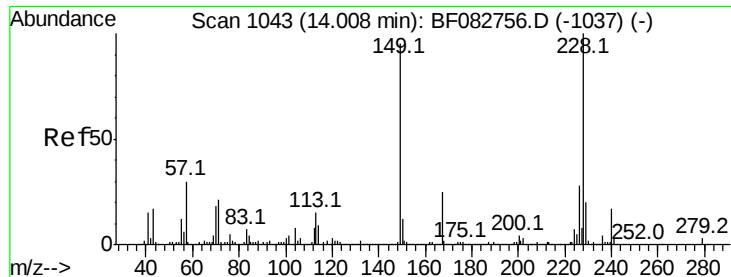
Tot Ion:252 Resp: 336818
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.4 77.0
 126 10.9 10.7 16.1



#82
 Chrysene
 Concen: 46.89 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion:228 Resp: 1619547
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.6 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.55 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

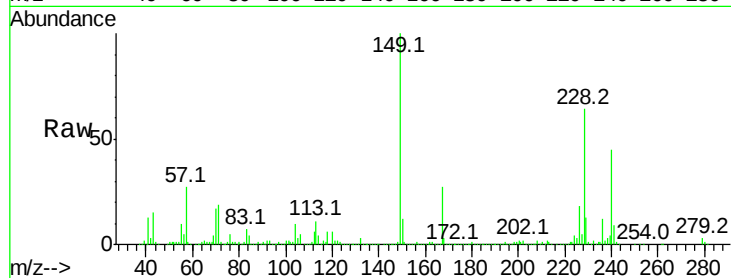
Tot Ion:149 Resp: 1065493

Ion Ratio Lower Upper

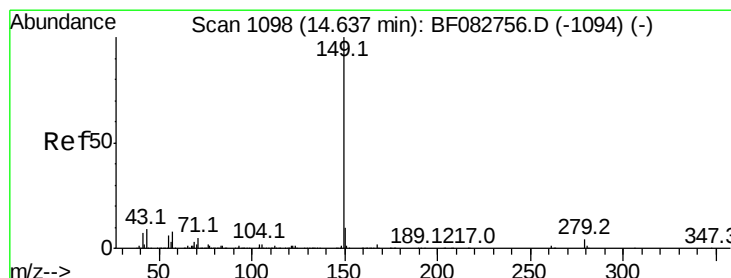
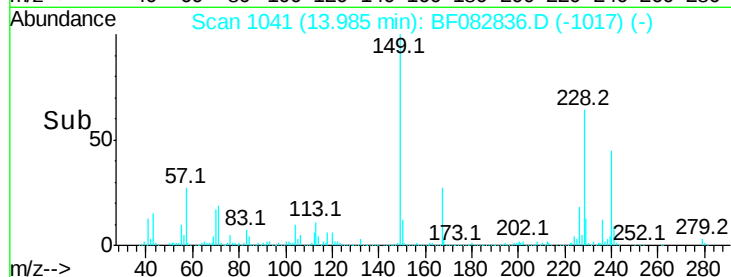
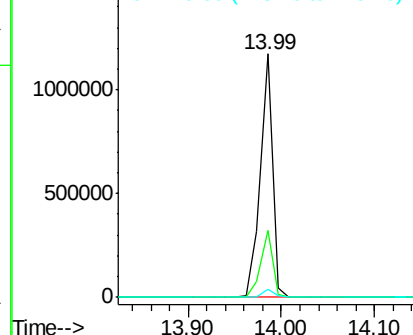
149 100

167 27.4 21.2 31.8

279 3.4 2.2 3.2#



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



#84

Di-n-octyl phthalate

Concen: 44.32 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

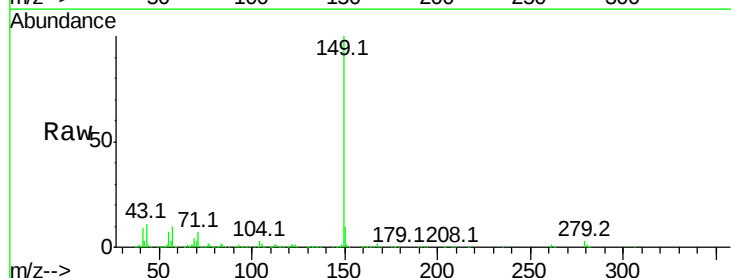
Tgt Ion:149 Resp: 1851411

Ion Ratio Lower Upper

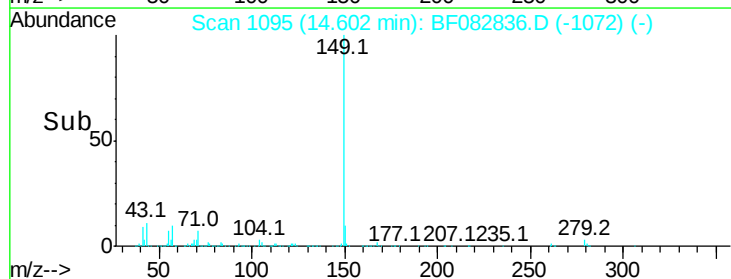
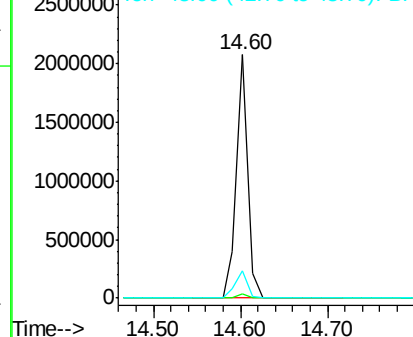
149 100

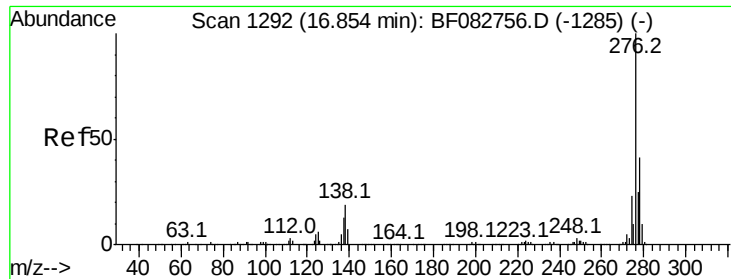
167 1.6 1.3 1.9

43 11.9 10.1 15.1



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.55 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

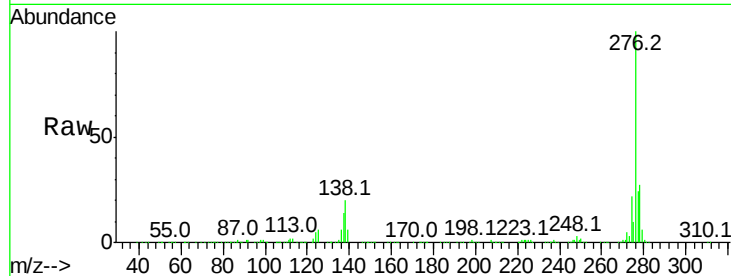
Tot Ion:276 Resp: 1355162

Ion Ratio Lower Upper

276 100

138 22.7 15.3 22.9

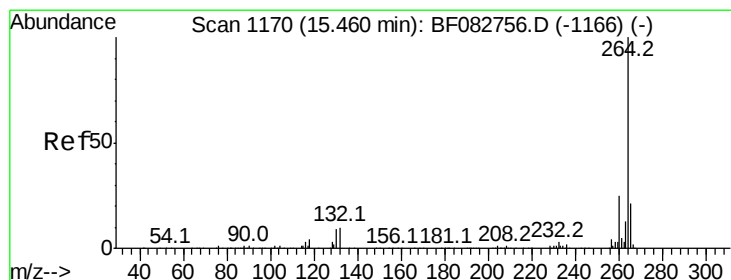
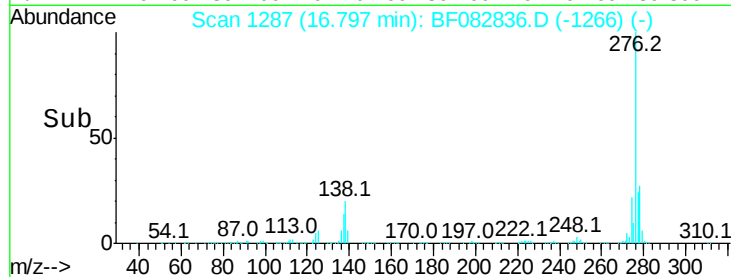
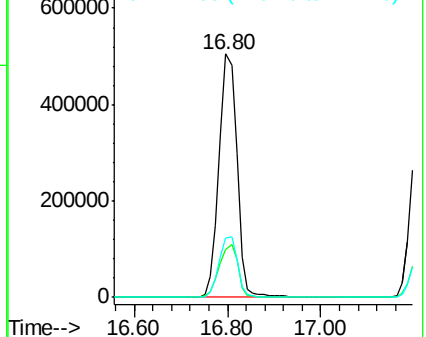
277 25.2 20.2 30.4



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: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

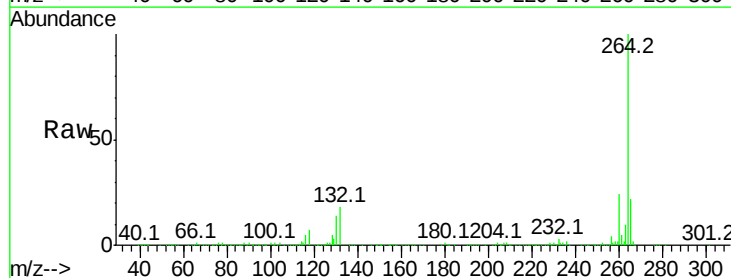
Tgt Ion:264 Resp: 643912

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

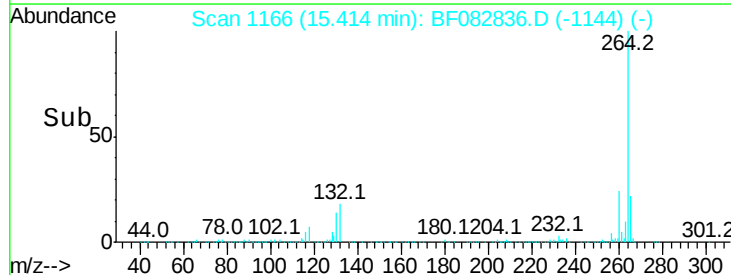
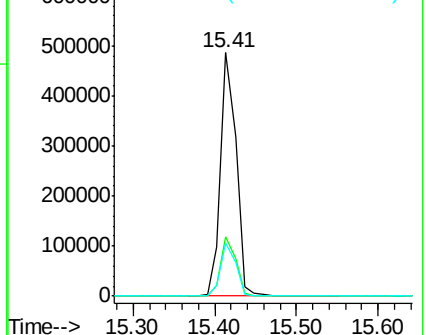
265 21.9 17.4 26.0

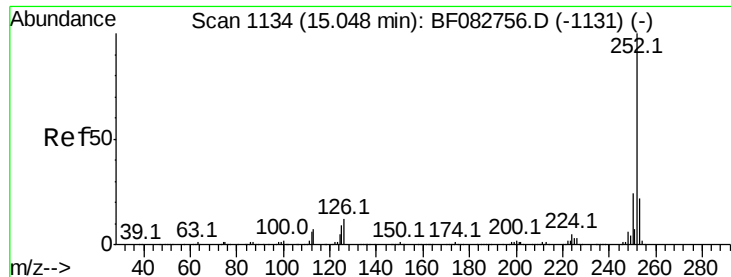


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

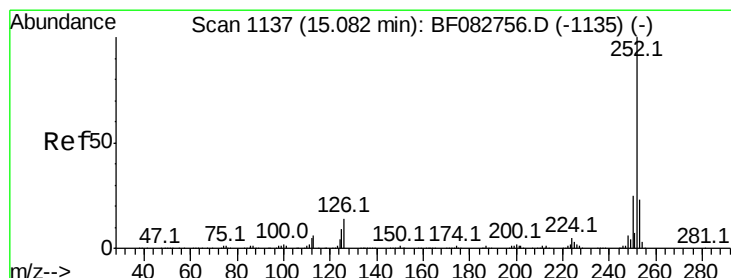
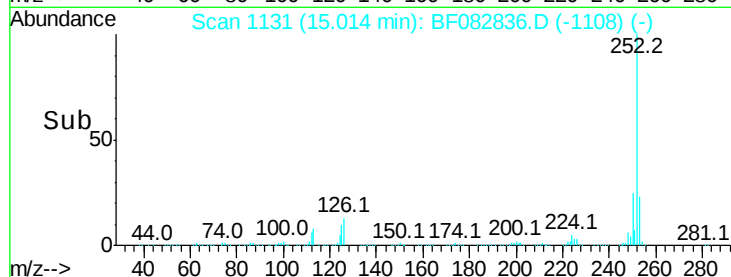
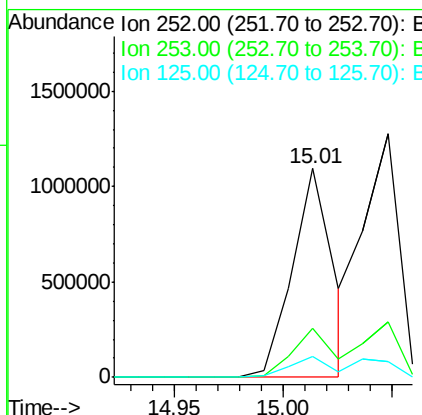
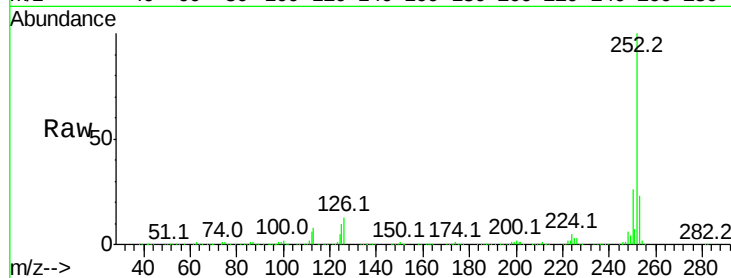




#87
Benzo(b)fluoranthene
Concen: 34.15 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

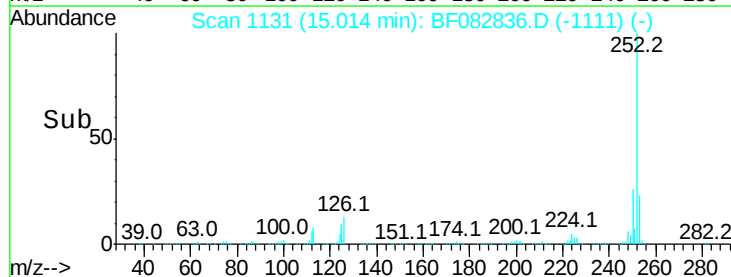
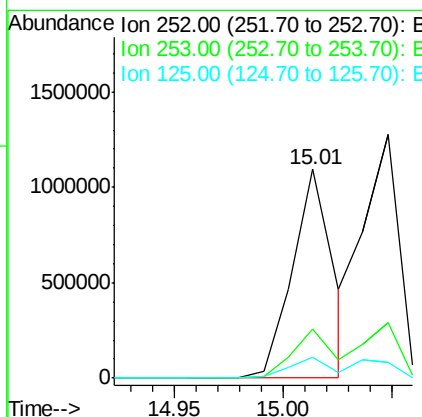
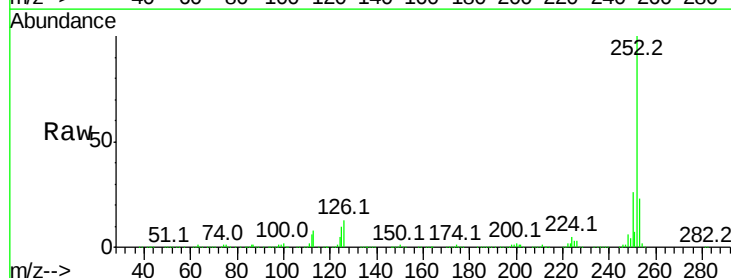
Instrument :
BNA_F
ClientSampleId :
PB86527BS

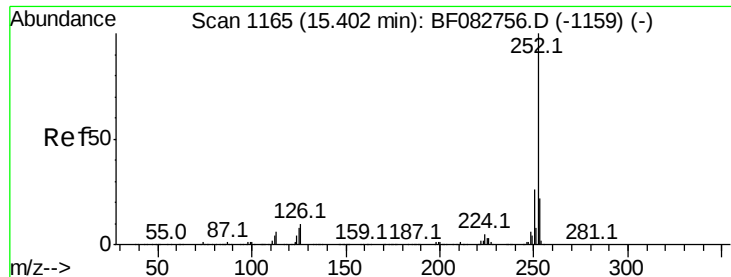
Tot Ion:252 Resp: 1411563
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.8 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 38.50 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.07 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:252 Resp: 1411563
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 9.8 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 37.84 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.05 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

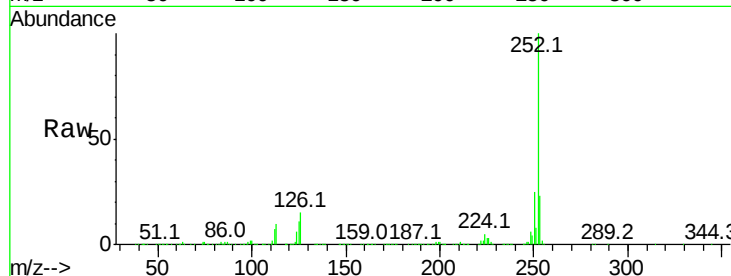
Tot Ion:252 Resp: 1355172

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

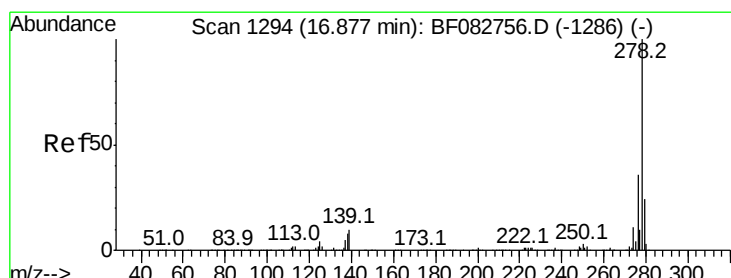
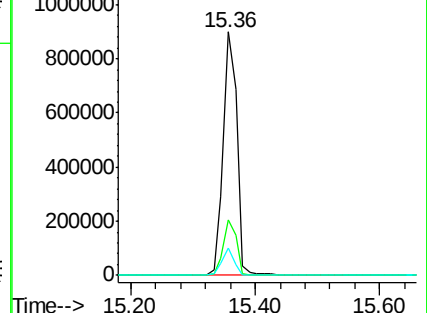
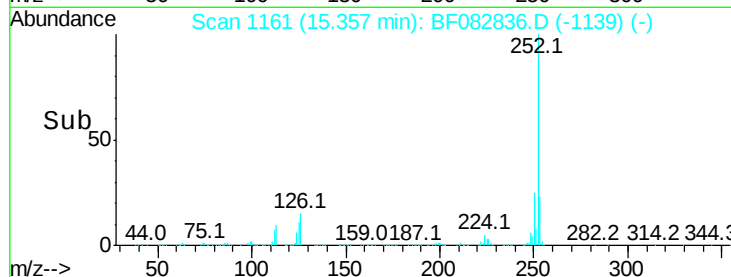
125 11.3 7.1 10.7#



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: 37.51 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

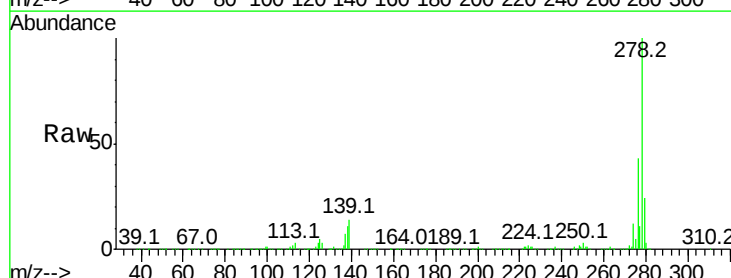
Tgt Ion:278 Resp: 1137478

Ion Ratio Lower Upper

278 100

139 13.9 9.9 14.9

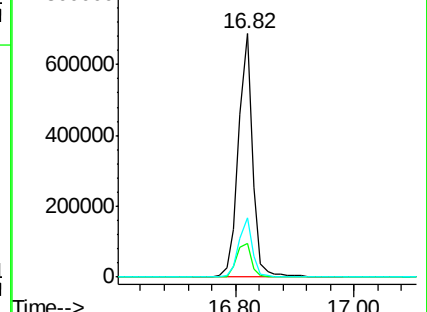
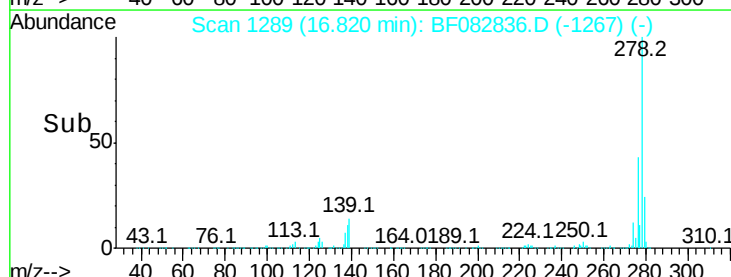
279 24.2 19.6 29.4

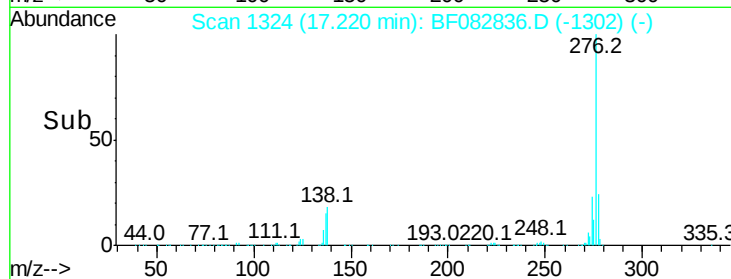
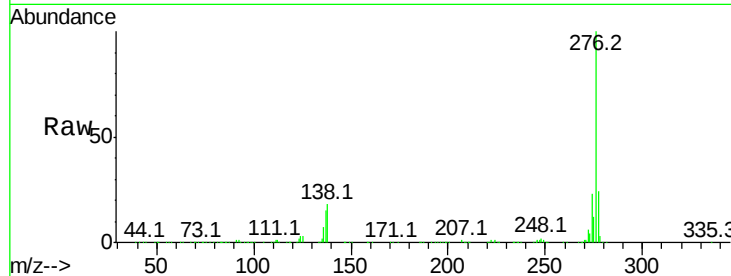
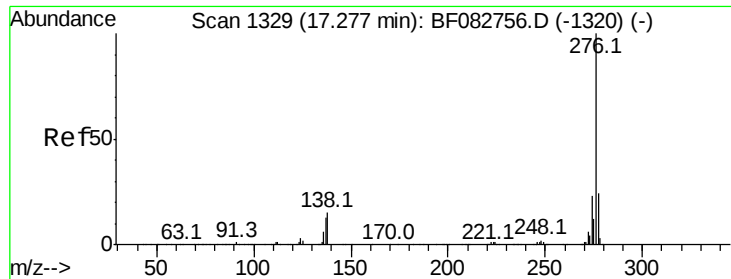


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.53 ng

RT: 17.22 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:276 Resp: 1089930

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 17.5 13.1 19.7

