

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082961.D
 Acq On : 17 Nov 2015 2:17
 Operator : UM/IZ
 Sample : PB86680BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Quant Time: Nov 17 06:38:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	211715	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	821252	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	424520	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	835477	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	618335	20.00	ng	-0.08
86) Perylene-d12	15.35	264	578425	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	839543	61.70	ng	-0.05
7) Phenol-d6	6.43	99	1058643	58.52	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1030591	54.60	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	245214	50.38	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1586118	53.55	ng	-0.07
78) Terphenyl-d14	12.89	244	1722421	66.07	ng	-0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	149375	25.44	ng	97
3) Pyridine	3.10	79	459203	26.95	ng	92
4) n-Nitrosodimethylamine	3.05	42	221413	26.20	ng	# 74
6) Aniline	6.44	93	317963	12.52	ng	# 27
8) 2-Chlorophenol	6.57	128	416438	27.61	ng	# 80
9) Benzaldehyde	6.32	77	23492	2.35	ng	91
10) Phenol	6.45	94	549082	26.75	ng	77
11) bis(2-Chloroethyl)ether	6.52	93	466710	30.41	ng	87
12) 1,3-Dichlorobenzene	6.73	146	445977	26.21	ng	# 80
13) 1,4-Dichlorobenzene	6.80	146	452218	25.55	ng	96
14) 1,2-Dichlorobenzene	6.96	146	458801	28.50	ng	98
15) Benzyl Alcohol	6.93	79	396330	24.95	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	664008	29.49	ng	93
17) 2-Methylphenol	7.06	107	383180	29.99	ng	98
18) Hexachloroethane	7.30	117	170741	26.97	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	370905	27.89	ng	# 84
20) 3+4-Methylphenols	7.21	107	486706	29.30	ng	# 66
22) Acetophenone	7.20	105	634807	26.98	ng	# 98
24) Nitrobenzene	7.37	77	533615	27.65	ng	93
25) Isophorone	7.61	82	916604	26.25	ng	98
26) 2-Nitrophenol	7.69	139	230005	28.55	ng	# 72
27) 2,4-Dimethylphenol	7.74	122	420811	29.07	ng	88
28) bis(2-Chloroethoxy)methane	7.82	93	548687	27.85	ng	98
29) 2,4-Dichlorophenol	7.94	162	394475	30.15	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	399610	27.16	ng	# 93
31) Naphthalene	8.09	128	1184345	26.14	ng	98
32) Benzoic acid	7.87	122	246456	24.87	ng	# 85
33) 4-Chloroaniline	8.14	127	200358	10.26	ng	# 87
34) Hexachlorobutadiene	8.21	225	237900	25.84	ng	100
35) Caprolactam	8.51	113	87810	21.29	ng	94
36) 4-Chloro-3-methylphenol	8.65	107	456090	29.64	ng	# 85
37) 2-Methylnaphthalene	8.78	142	805051	27.47	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	401923	28.81	ng	99
40) Hexachlorocyclopentadiene	8.94	237	425226	56.74	ng	100

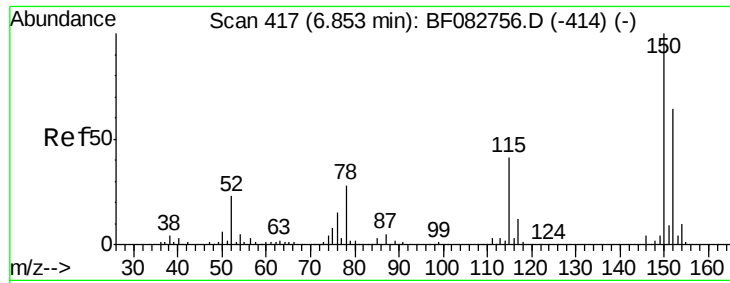
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	278362	26.73	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	274985	26.70	nq	93
45) 1,1'-Biphenyl	9.25	154	1090675	29.94	nq	97
46) 2-Chloronaphthalene	9.28	162	833549	29.34	nq	97
47) 2-Nitroaniline	9.37	65	262618	24.91	nq	# 86
48) Acenaphthylene	9.69	152	1264755	28.40	nq	98
49) Dimethylphthalate	9.56	163	1009648	29.03	nq	97
50) 2,6-Dinitrotoluene	9.62	165	216758	29.21	nq	# 58
51) Acenaphthene	9.86	154	865122	30.65	nq	98
52) 3-Nitroaniline	9.78	138	113275	13.88	nq	# 75
53) 2,4-Dinitrophenol	9.89	184	206896	50.78	nq	# 1
54) Dibenzofuran	10.03	168	1050083	27.60	nq	94
55) 4-Nitrophenol	9.96	139	279129	44.58	nq	# 82
56) 2,4-Dinitrotoluene	10.02	165	317687	31.55	nq	# 81
57) Fluorene	10.37	166	862237	27.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	254601	30.29	nq	# 87
59) Diethylphthalate	10.26	149	1031341	30.37	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	423968	27.50	nq	91
61) 4-Nitroaniline	10.40	138	217943	26.55	nq	# 74
62) Azobenzene	10.52	77	1089055	29.85	nq	89
64) 4,6-Dinitro-2-methylphenol	10.42	198	141031	23.69	nq	# 44
65) n-Nitrosodiphenylamine	10.49	169	801180	26.54	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	258465	25.69	nq	# 76
67) Hexachlorobenzene	10.92	284	290539	25.87	nq	# 76
68) Atrazine	11.02	200	286914	30.74	nq	91
69) Pentachlorophenol	11.12	266	290145	42.54	nq	98
70) Phenanthrene	11.33	178	1422747	29.32	nq	98
71) Anthracene	11.38	178	1250499	24.47	nq	99
72) Carbazole	11.54	167	1210657	27.06	nq	98
73) Di-n-butylphthalate	11.88	149	1585620	28.45	nq	# 97
74) Fluoranthene	12.51	202	1311383	25.19	nq	97
76) Benzidine	12.64	184	444004	21.43	nq	98
77) Pyrene	12.74	202	1317454	31.03	nq	98
79) Butylbenzylphthalate	13.37	149	613285	32.69	nq	96
80) Benzo(a)anthracene	13.93	228	1189955	30.77	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	251920	18.33	nq	99
82) Chrysene	13.96	228	1101256	31.10	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	899359	35.03	nq	# 98
84) Di-n-octyl phthalate	14.55	149	1469244	34.30	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	919518	30.15	nq	96
87) Benzo(b)fluoranthene	14.98	252	2027594	54.61	nq	98
88) Benzo(k)fluoranthene	14.98	252	2027912	61.57	nq	# 97
89) Benzo(a)pyrene	15.29	252	925475	28.77	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	774553	28.44	nq	99
91) Benzo(g,h,i)perylene	17.11	276	743211	28.49	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

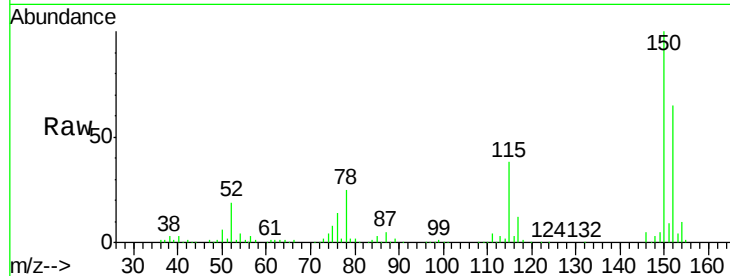
Tot Ion:152 Resp: 211715

Ion Ratio Lower Upper

152 100

150 153.7 127.0 190.4

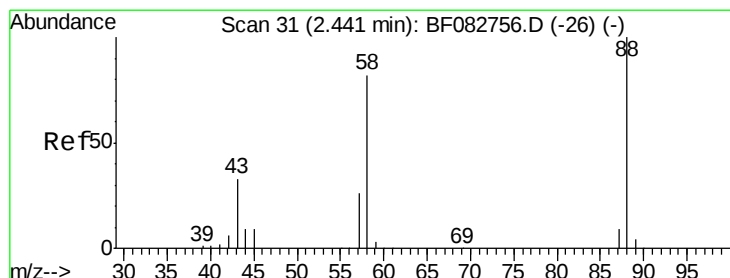
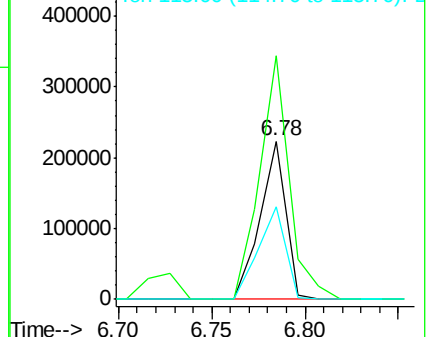
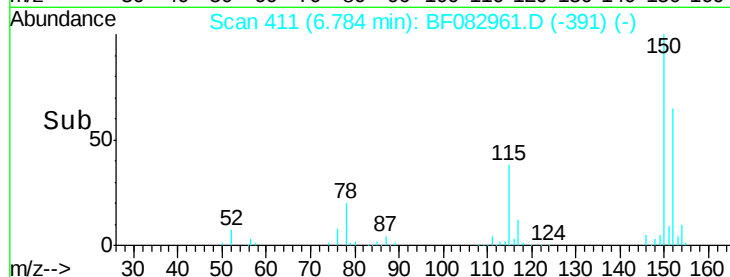
115 58.4 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.44 ng

RT: 2.41 min Scan# 28

Delta R.T. -0.03 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

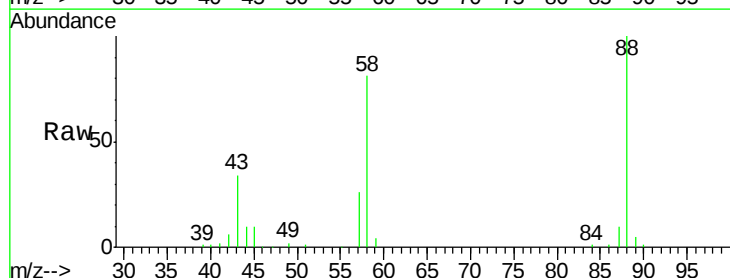
Tgt Ion: 88 Resp: 149375

Ion Ratio Lower Upper

88 100

58 80.4 62.0 93.0

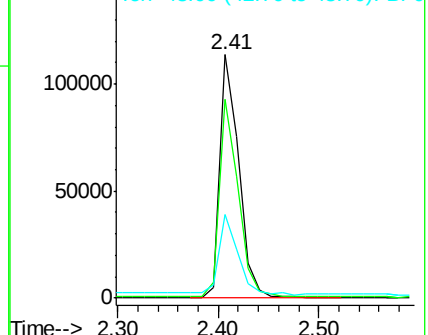
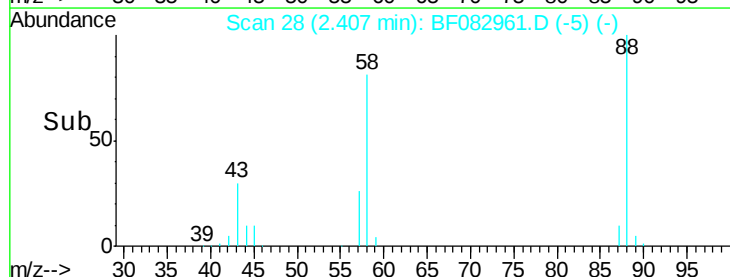
43 34.1 26.6 40.0

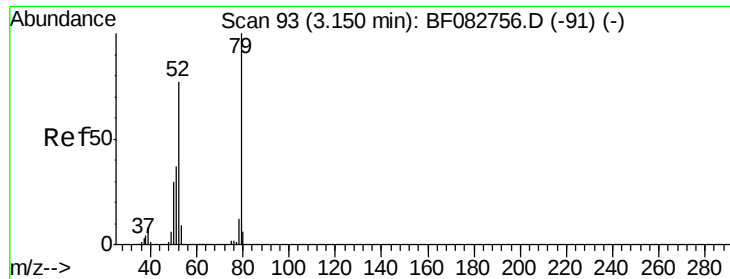


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

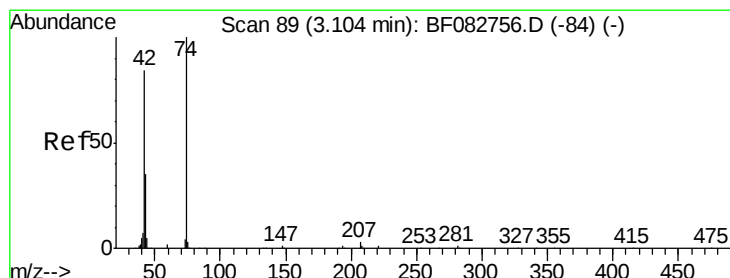
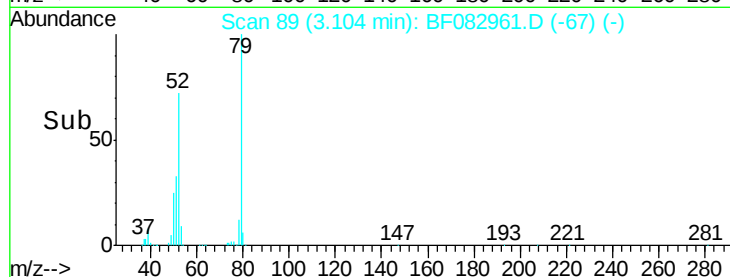
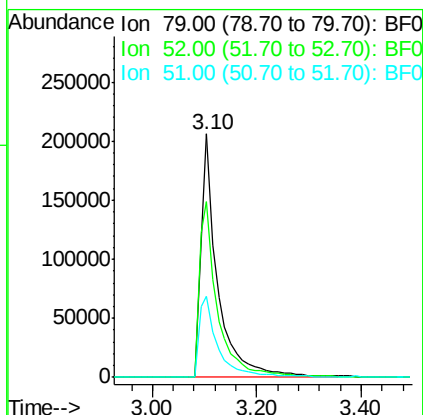
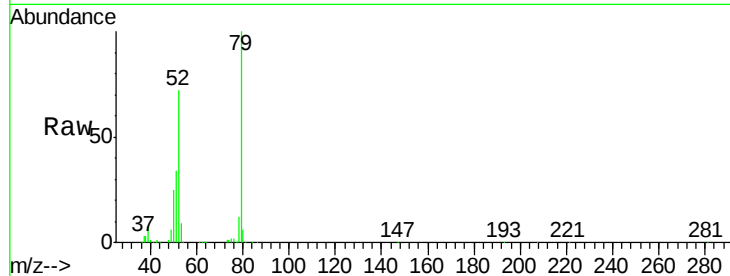




#3
 Pvridine
 Concen: 26.95 ng
 RT: 3.10 min Scan# 89
 Delta R.T. -0.05 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

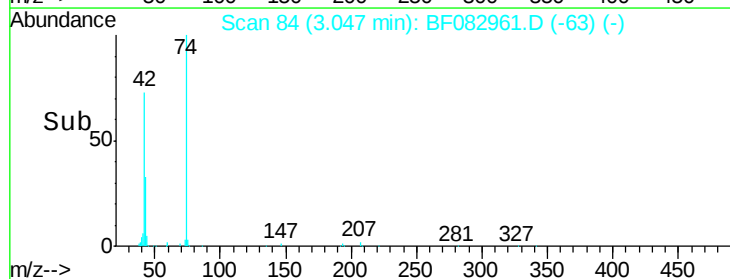
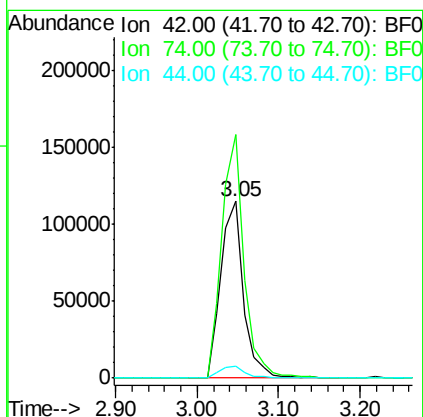
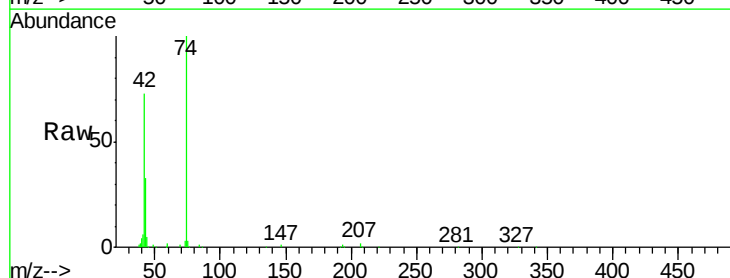
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

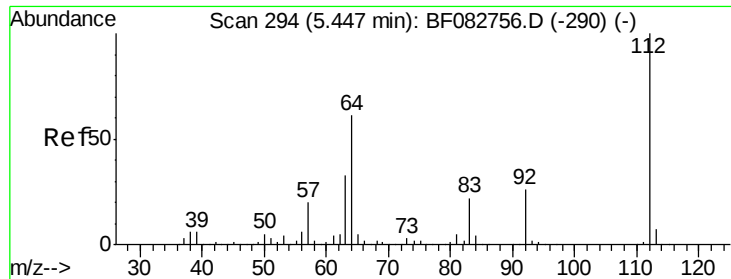
Tot Ion: 79 Resp: 459203
 Ion Ratio Lower Upper
 79 100
 52 72.1 62.8 94.2
 51 33.6 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 26.20 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion: 42 Resp: 221413
 Ion Ratio Lower Upper
 42 100
 74 137.9 87.0 130.4#
 44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 61.70 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

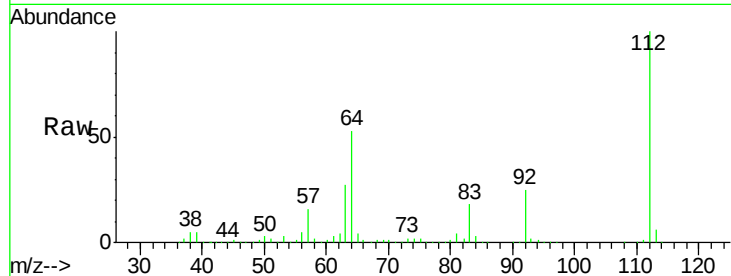
Tot Ion:112 Resp: 839543

Ion Ratio Lower Upper

112 100

64 53.3 48.9 73.3

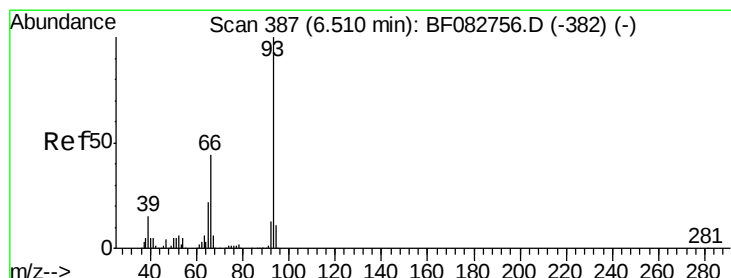
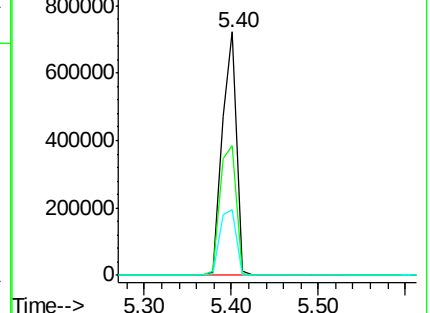
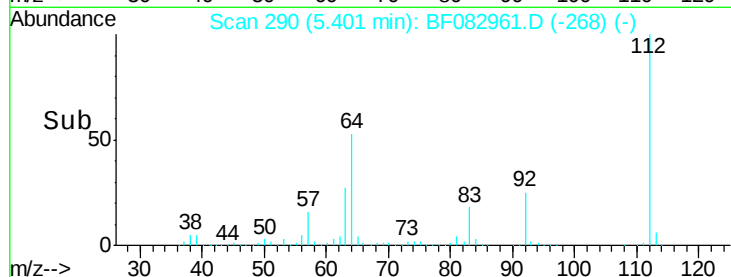
63 27.1 28.1 42.1#



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: 12.52 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

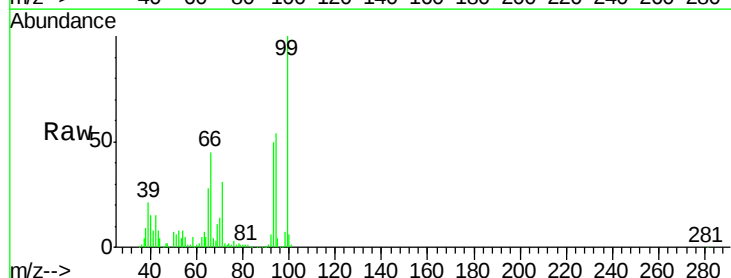
Tgt Ion: 93 Resp: 317963

Ion Ratio Lower Upper

93 100

66 89.7 33.6 50.4#

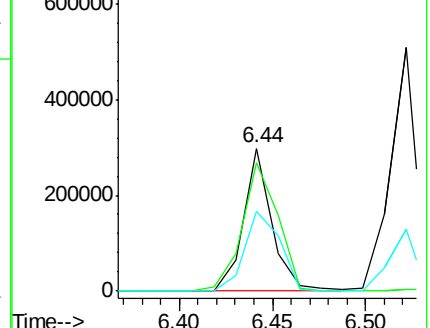
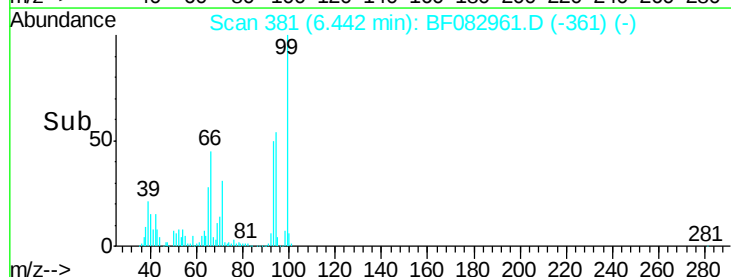
65 55.8 18.1 27.1#

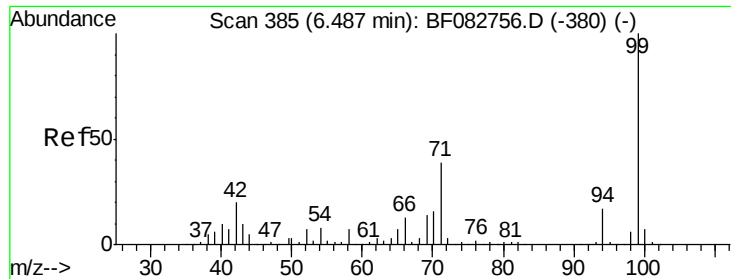


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 58.52 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

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ClientSampleId :

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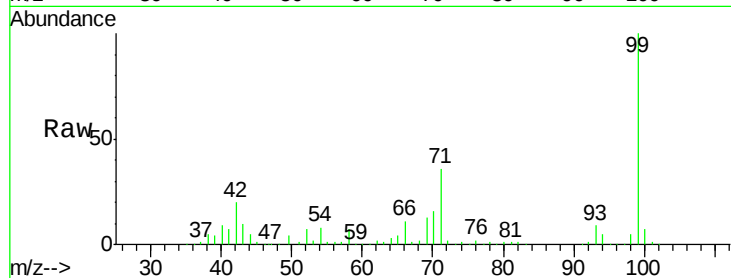
Tot Ion: 99 Resp: 1058643

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

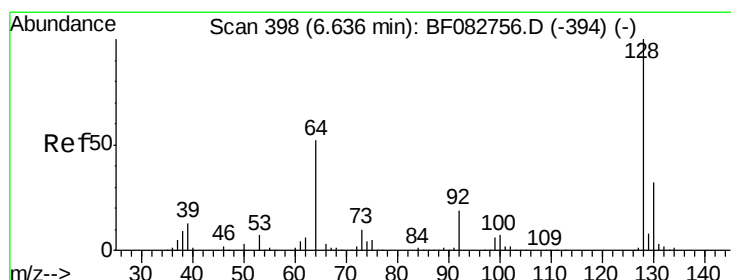
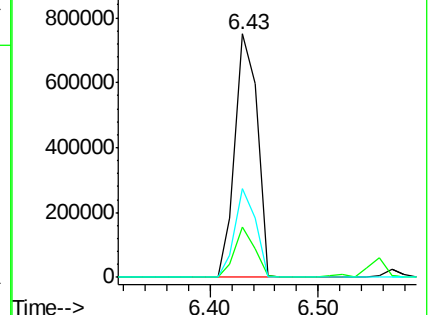
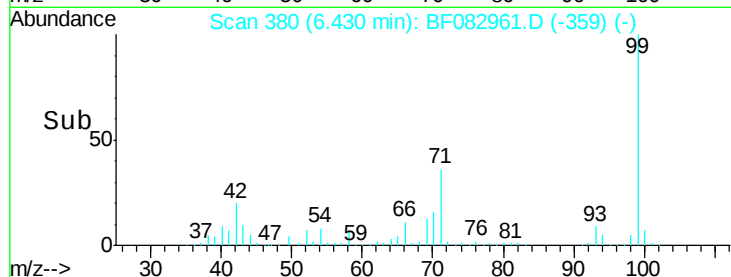
71 36.4 35.0 52.4



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: 27.61 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

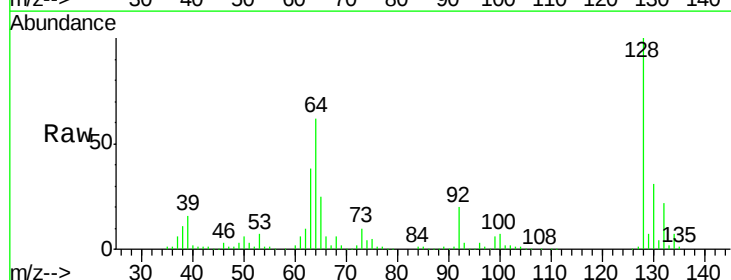
Tgt Ion: 128 Resp: 416438

Ion Ratio Lower Upper

128 100

130 31.1 13.5 53.5

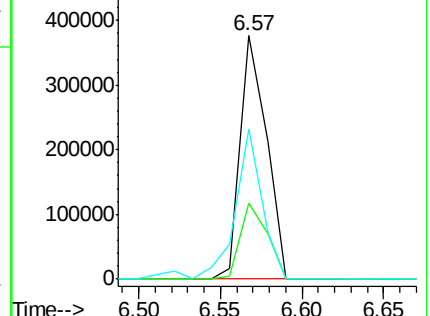
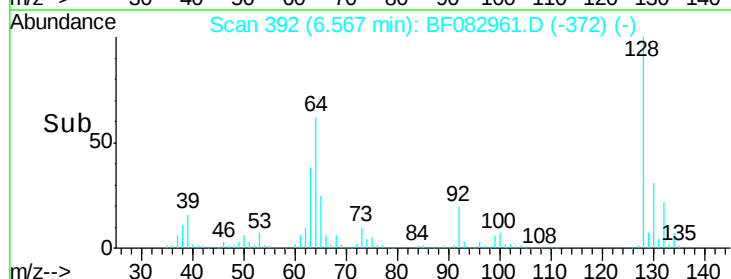
64 61.9 21.1 61.1#

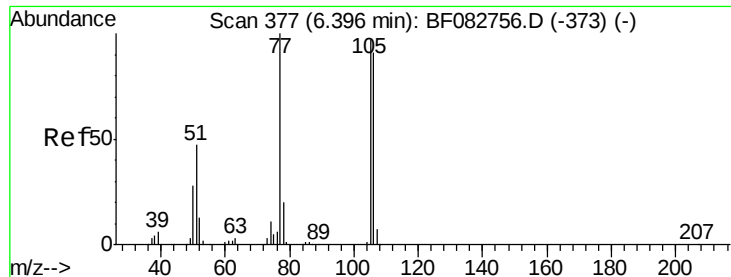


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.35 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampled :

PB86680BS

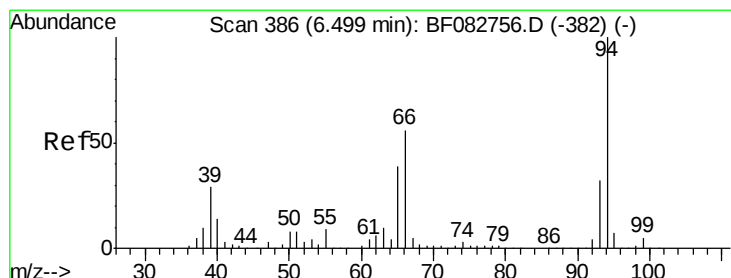
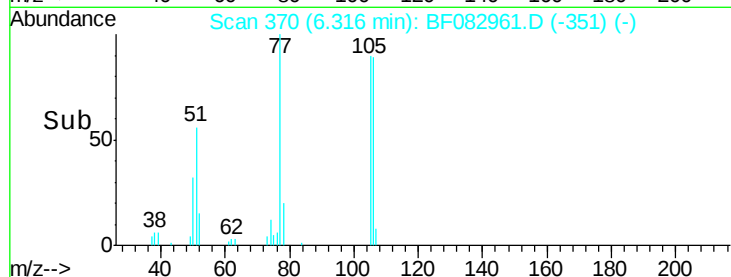
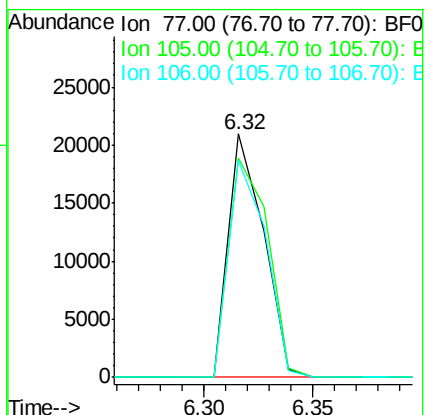
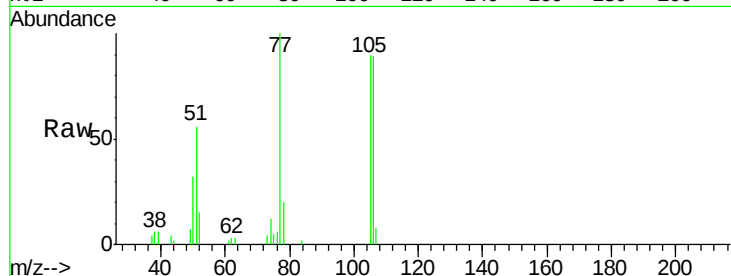
Tot Ion: 77 Resp: 23492

Ion Ratio Lower Upper

77 100

105 89.9 63.5 103.5

106 89.2 59.3 99.3



#10

Phenol

Concen: 26.75 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

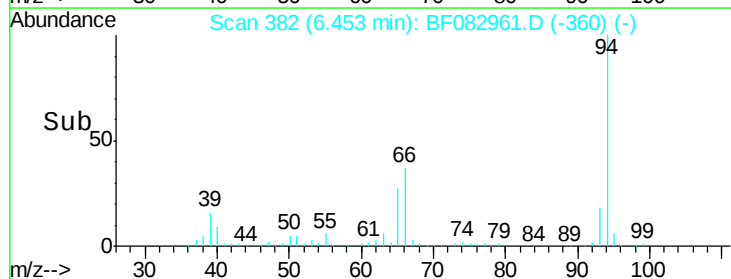
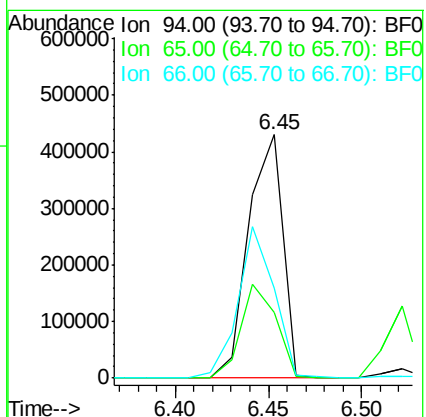
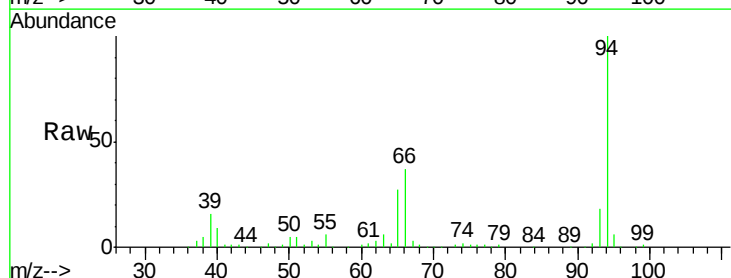
Tgt Ion: 94 Resp: 549082

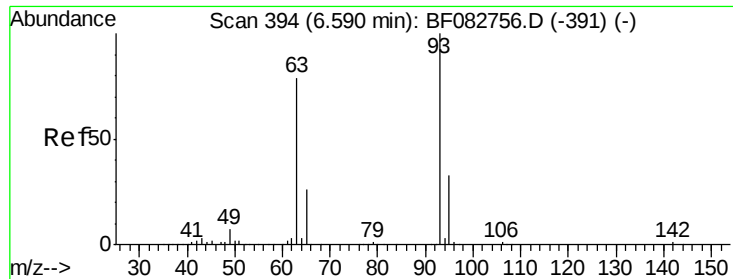
Ion Ratio Lower Upper

94 100

65 27.0 18.9 58.9

66 36.9 34.9 74.9

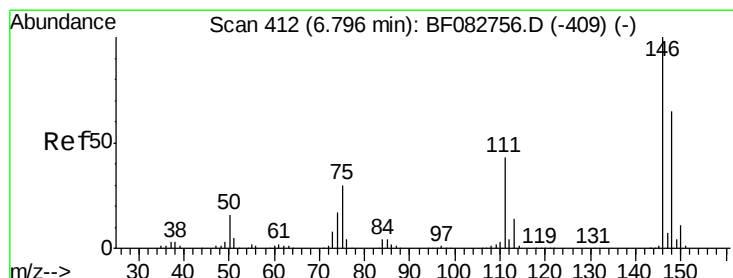
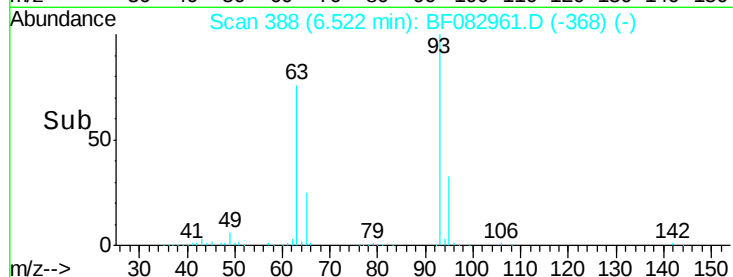
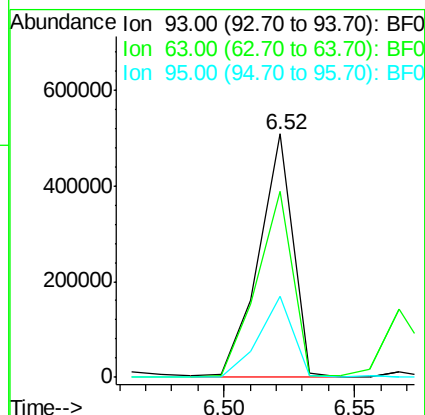
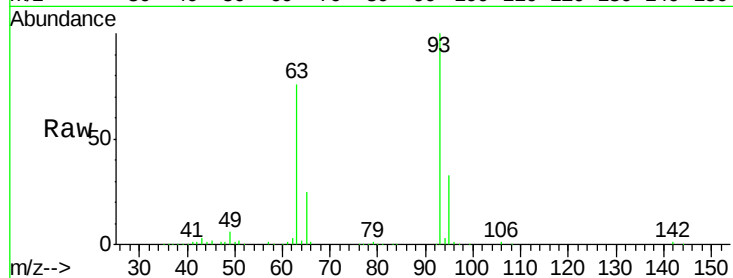




#11
bis(2-Chloroethyl)ether
Concen: 30.41 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

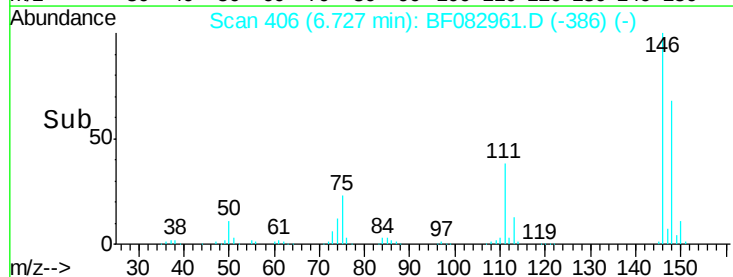
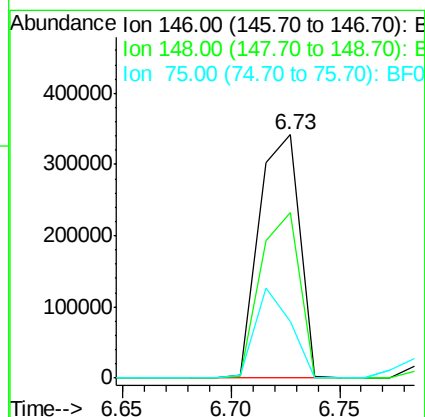
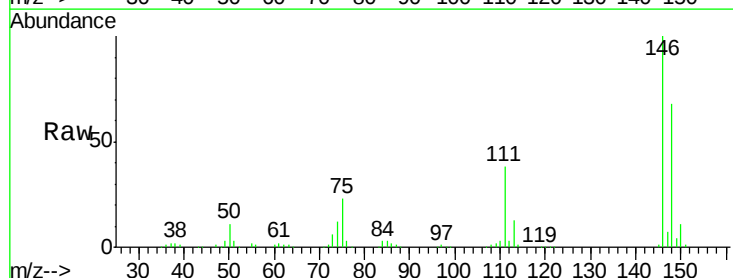
Instrument :
BNA_F
ClientSampleId :
PB86680BS

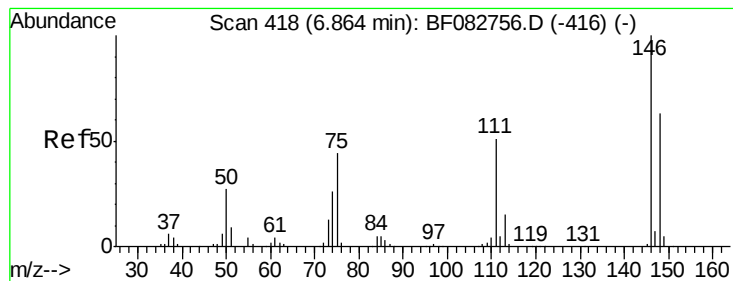
Tot Ion: 93 Resp: 466710
Ion Ratio Lower Upper
93 100
63 76.5 72.7 112.7
95 33.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 26.21 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion: 146 Resp: 445977
Ion Ratio Lower Upper
146 100
148 67.8 50.5 75.7
75 23.2 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 25.55 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

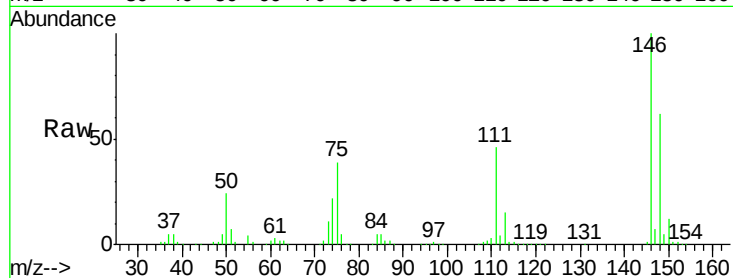
Tot Ion:146 Resp: 452218

Ion Ratio Lower Upper

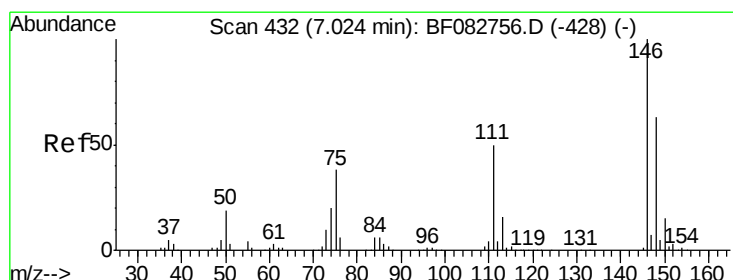
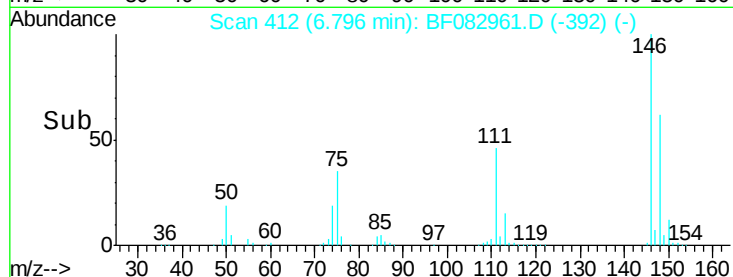
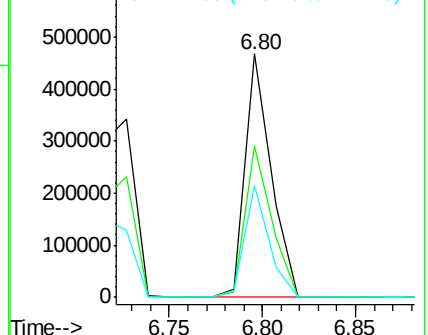
146 100

148 62.3 50.8 76.2

111 46.1 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: 28.50 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

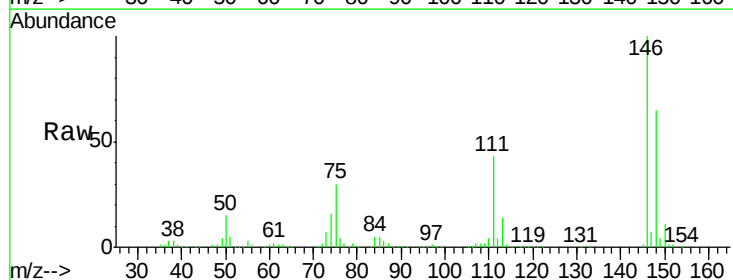
Tgt Ion:146 Resp: 458801

Ion Ratio Lower Upper

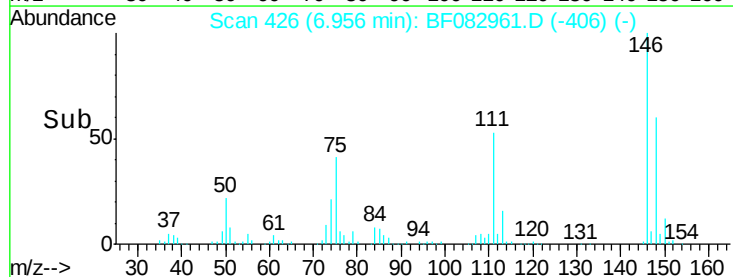
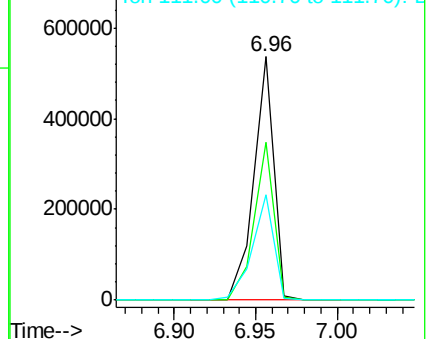
146 100

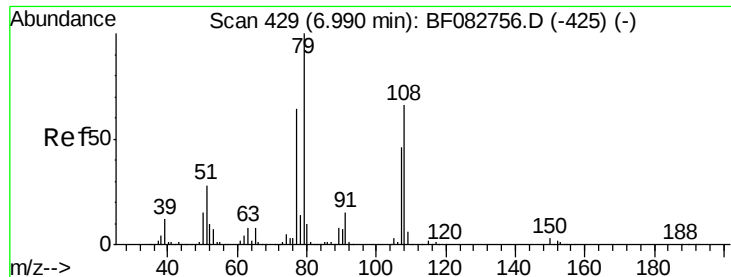
148 64.8 52.2 78.4

111 43.5 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: 24.95 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

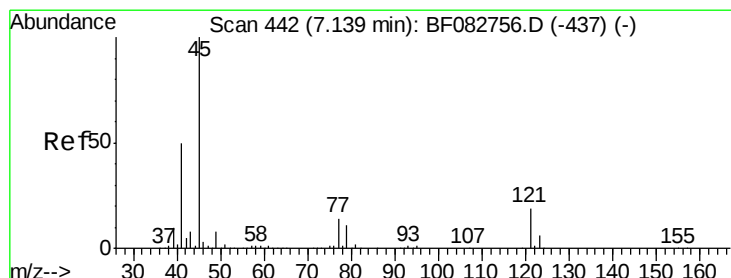
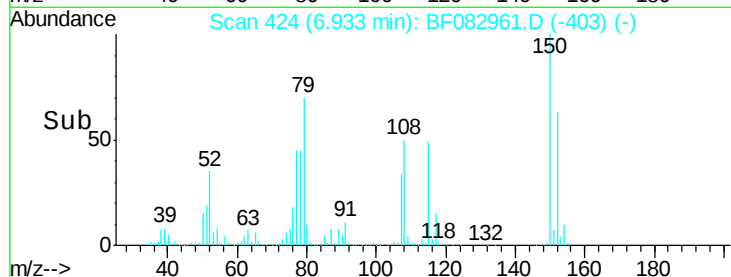
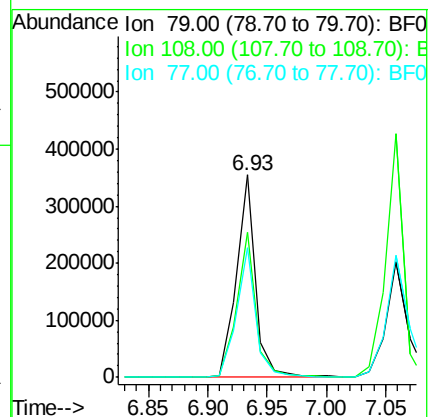
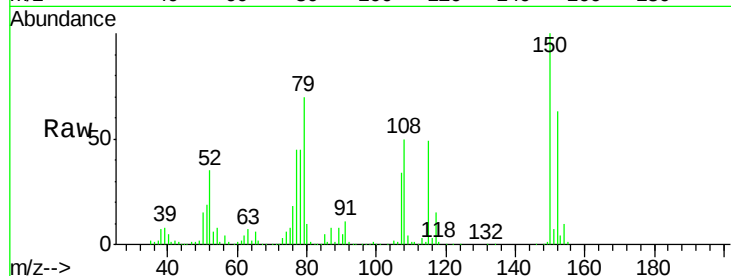
Tot Ion: 79 Resp: 396330

Ion Ratio Lower Upper

79 100

108 71.4 52.2 78.4

77 63.9 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.49 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

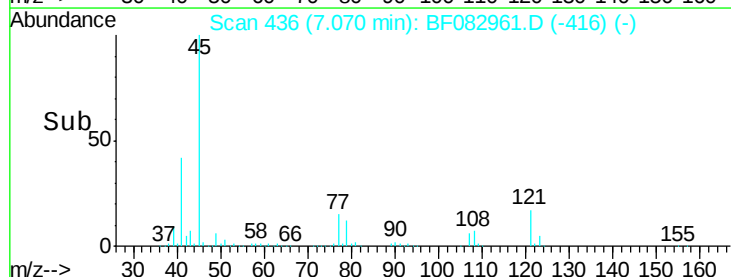
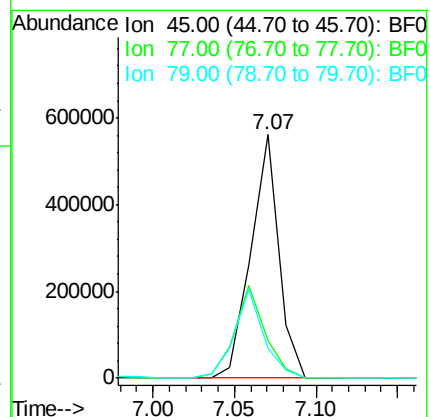
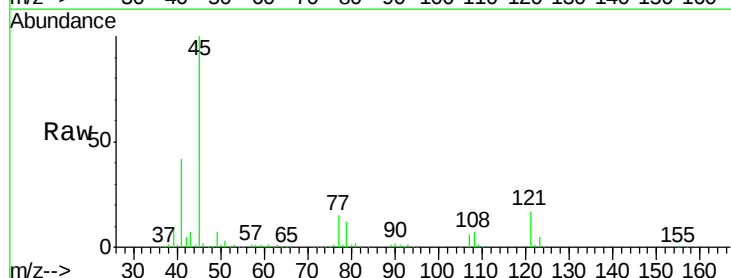
Tgt Ion: 45 Resp: 664008

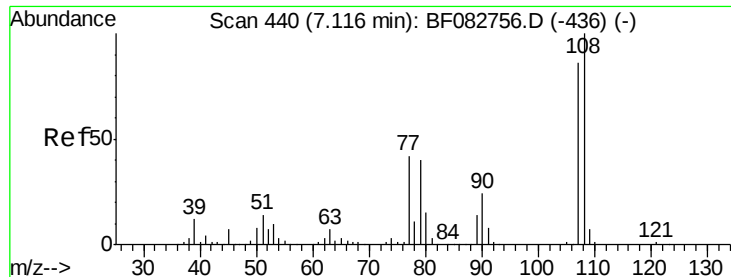
Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.6

79 12.2 0.0 29.2

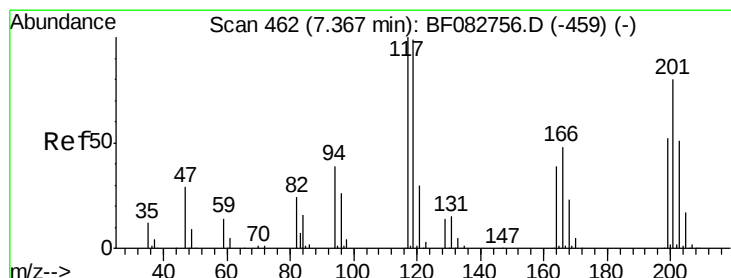
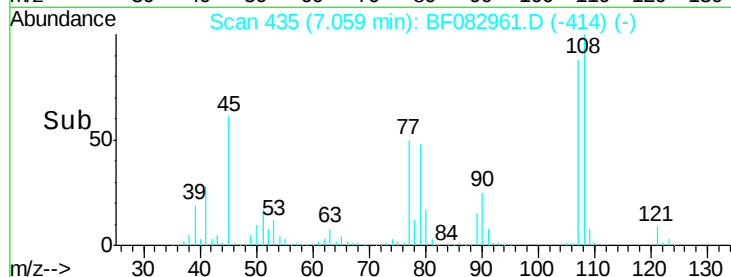
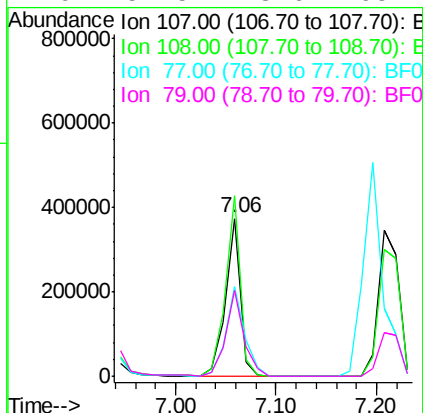
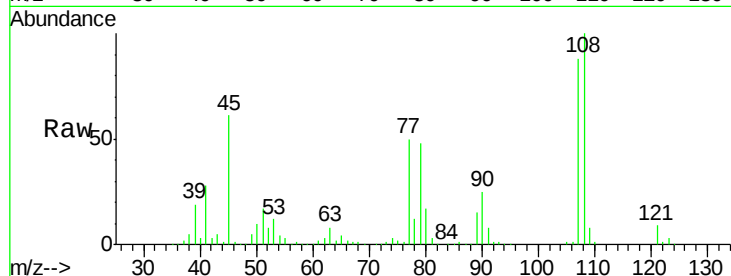




#17
2-Methylphenol
Concen: 29.99 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

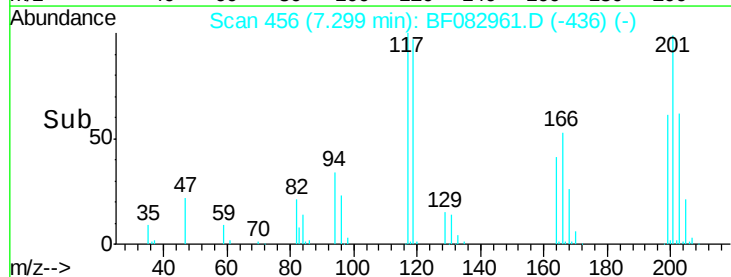
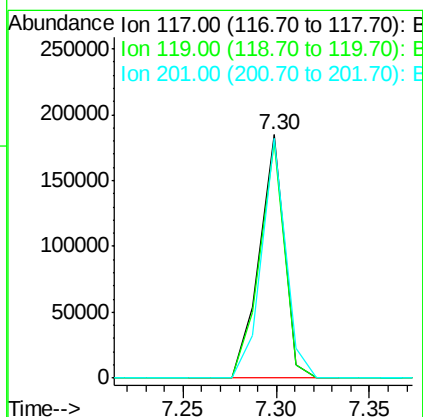
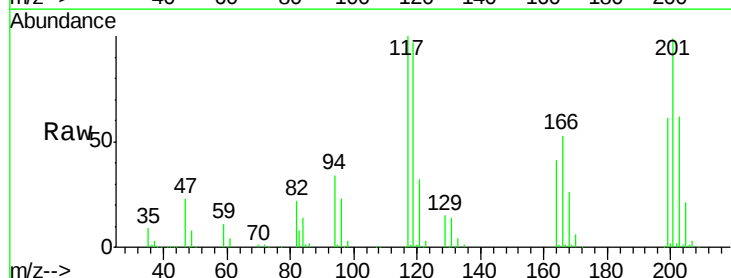
Instrument :
BNA_F
ClientSampleId :
PB86680BS

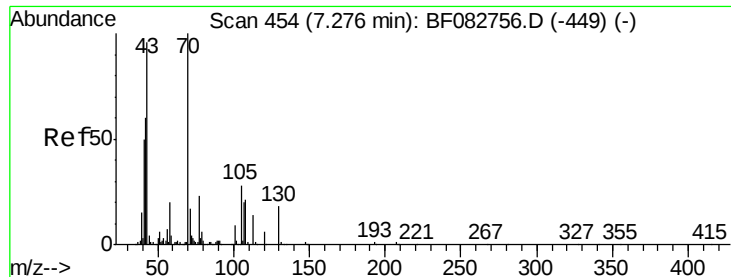
Tot Ion:	107	Resp:	383180
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.0	139.4
77	57.2	44.1	66.1
79	54.5	43.6	65.4



#18
Hexachloroethane
Concen: 26.97 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:	117	Resp:	170741
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.7	116.5
201	98.7	66.7	100.1

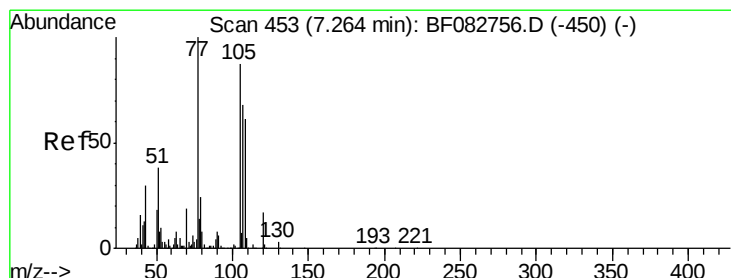
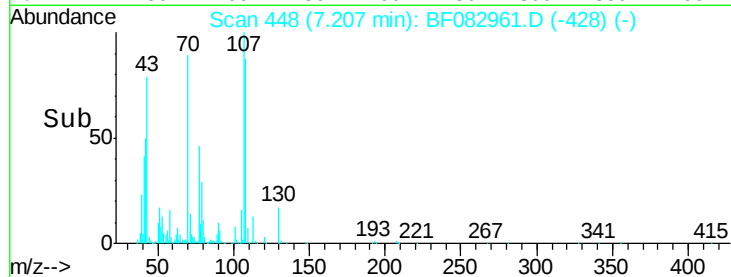
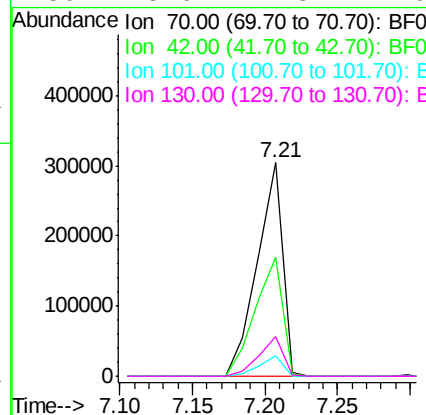
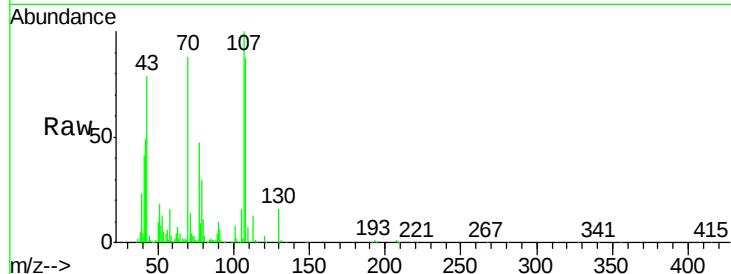




#19
n-Nitroso-di-n-propylamine
Concen: 27.89 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

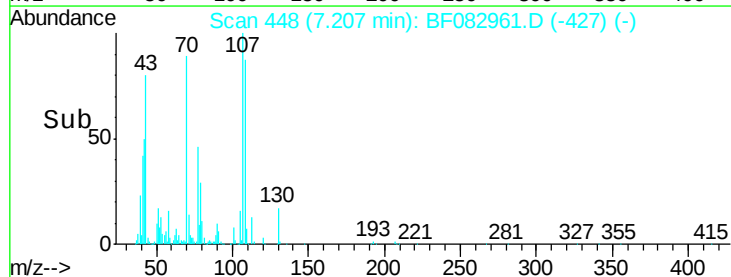
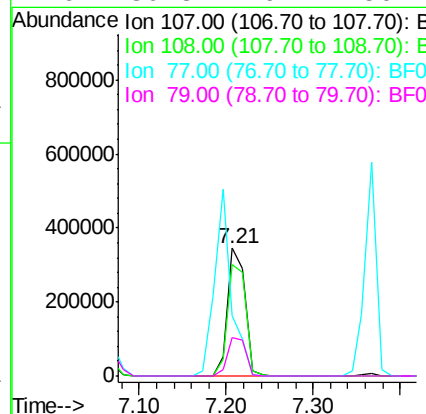
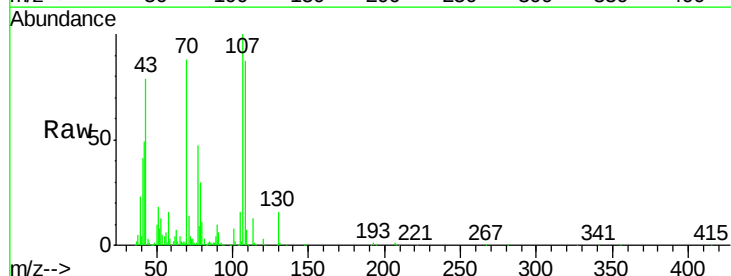
Instrument :
BNA_F
ClientSampleId :
PB86680BS

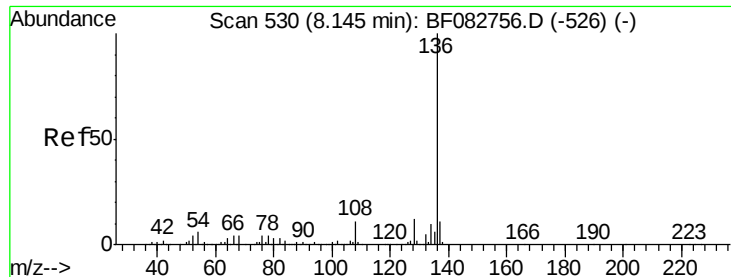
Tot Ion: 70 Resp: 370905
Ion Ratio Lower Upper
70 100
42 55.7 57.7 86.5#
101 9.3 7.0 10.6
130 18.6 11.8 17.6#



#20
3+4-Methylphenols
Concen: 29.30 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:107 Resp: 486706
Ion Ratio Lower Upper
107 100
108 87.5 67.3 107.3
77 46.9 100.3 140.3#
79 30.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:136 Resp: 821252

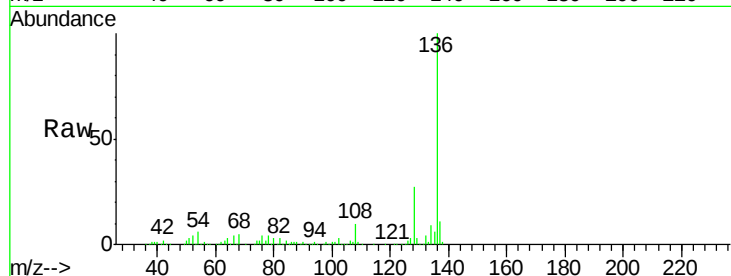
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.5 9.1 13.7#

68 4.7 4.8 7.2#

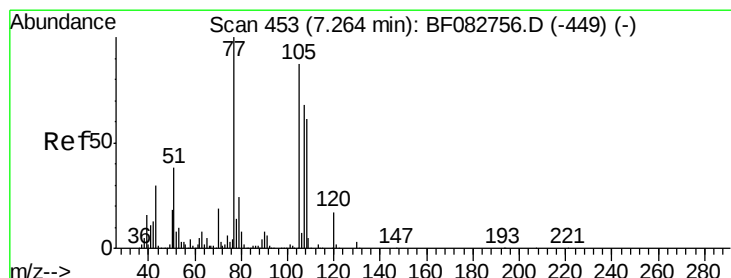
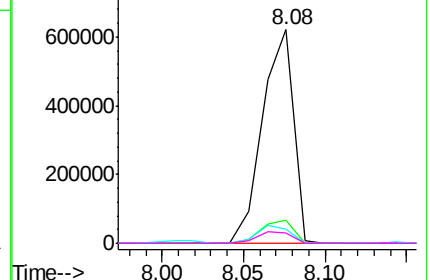
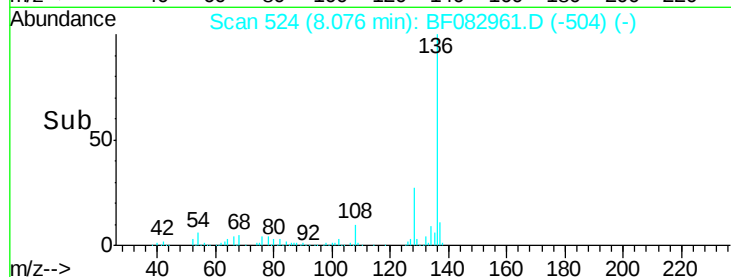


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.98 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:105 Resp: 634807

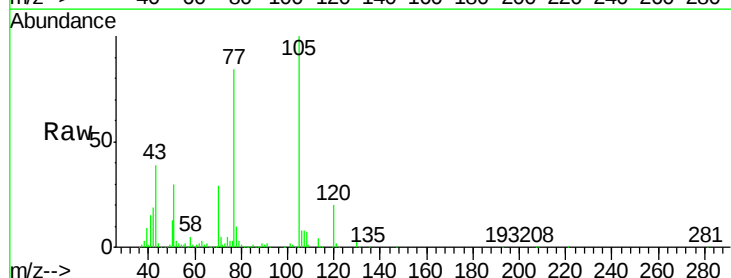
Ion Ratio Lower Upper

105 100

71 4.7 5.6 8.4#

51 29.9 24.9 37.3

120 20.0 15.8 23.8

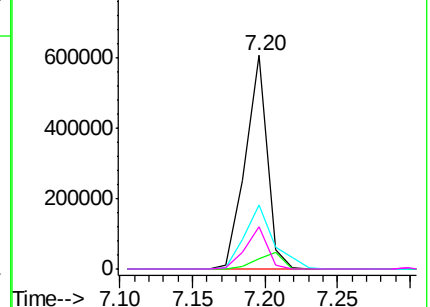
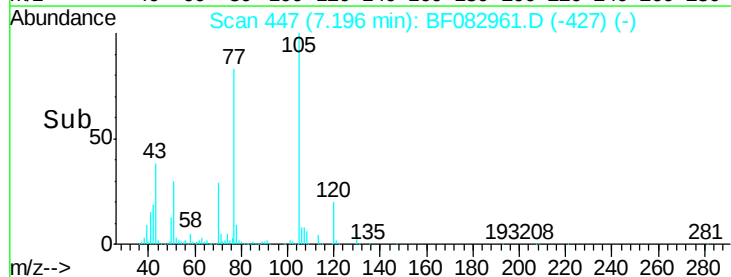


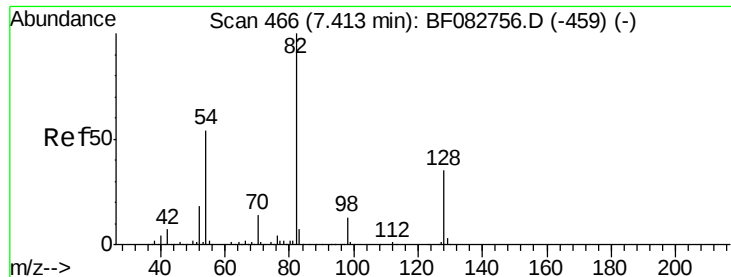
Abundance Ion 105.00 (104.70 to 105.70): E

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

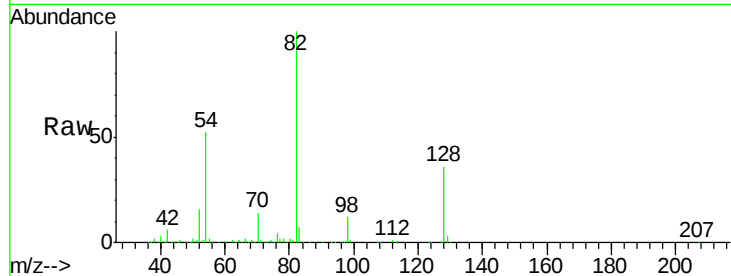




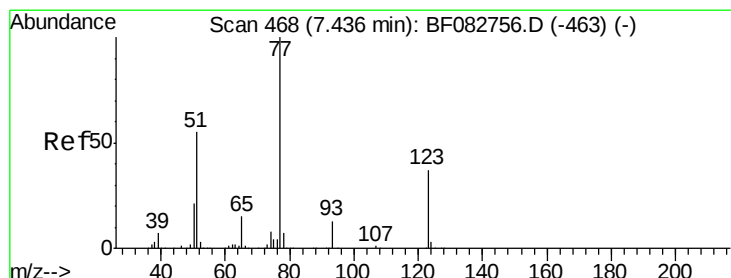
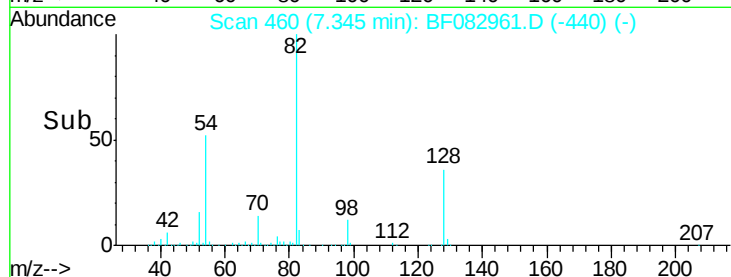
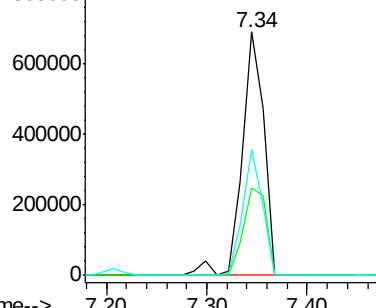
#23
Nitrobenzene-d5
Concen: 54.60 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion: 82 Resp: 1030591
Ion Ratio Lower Upper
82 100
128 36.0 26.8 40.2
54 51.9 45.7 68.5

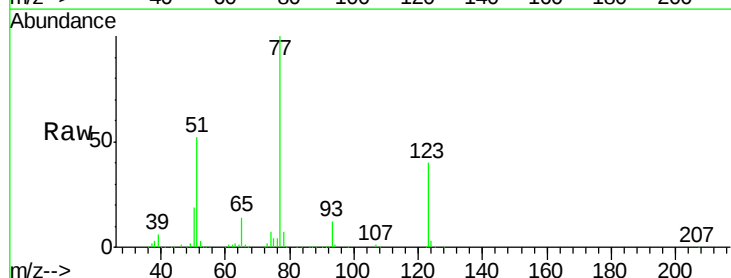


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

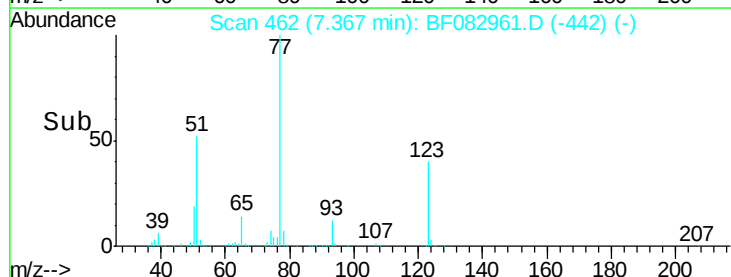
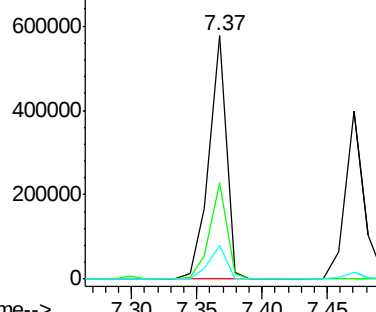


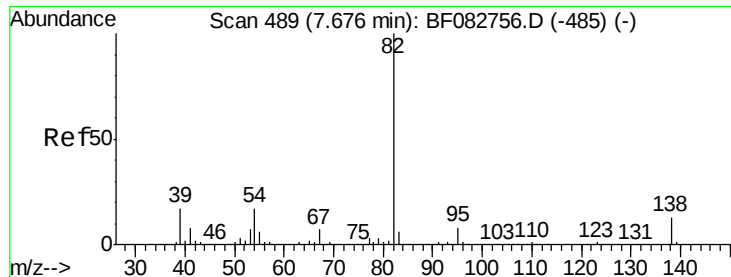
#24
Nitrobenzene
Concen: 27.65 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion: 77 Resp: 533615
Ion Ratio Lower Upper
77 100
123 39.7 36.4 54.6
65 13.9 11.5 17.3



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





#25

Isophorone

Concen: 26.25 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

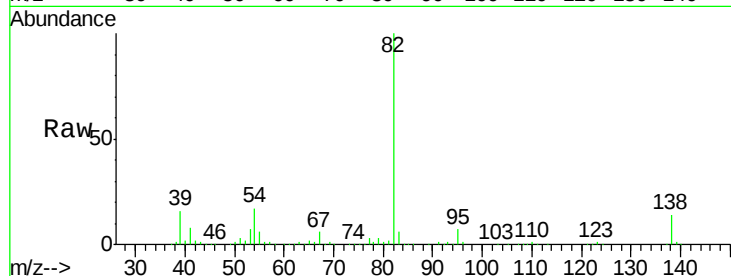
Tot Ion: 82 Resp: 916604

Ion Ratio Lower Upper

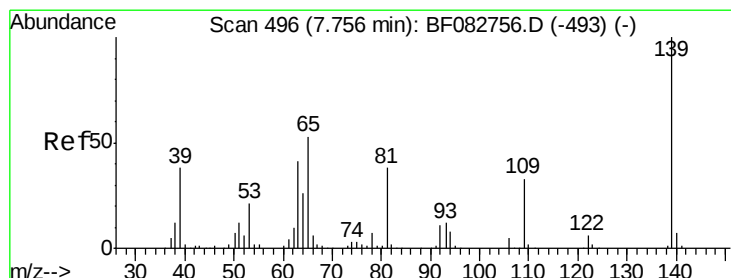
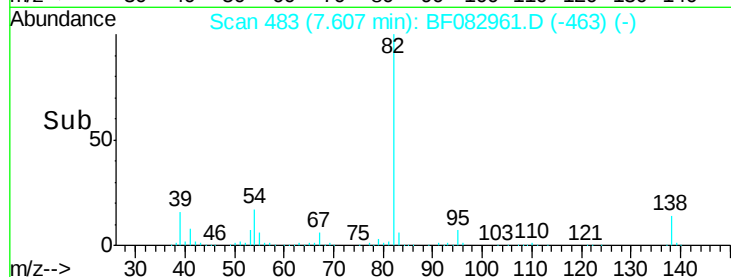
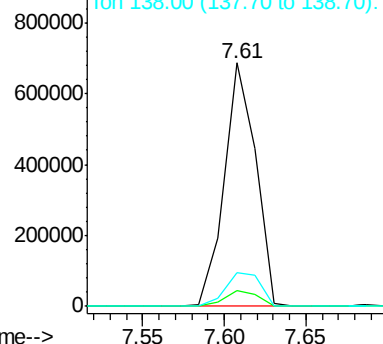
82 100

95 6.7 6.6 9.8

138 13.8 11.4 17.0



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



#26

2-Nitrophenol

Concen: 28.55 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

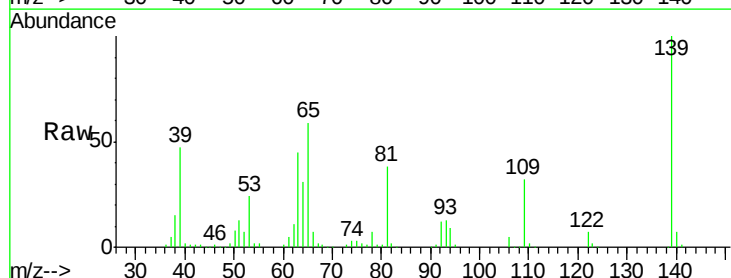
Tgt Ion: 139 Resp: 230005

Ion Ratio Lower Upper

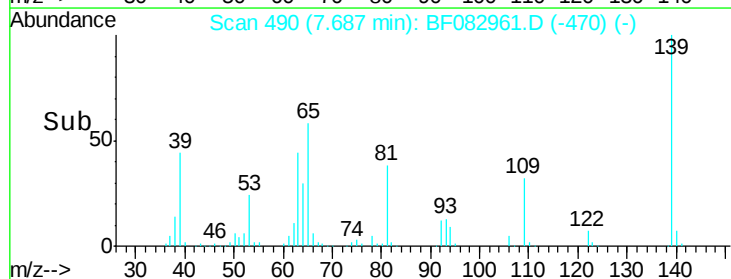
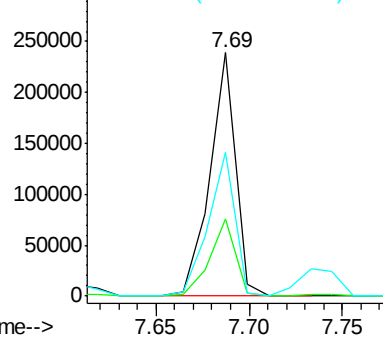
139 100

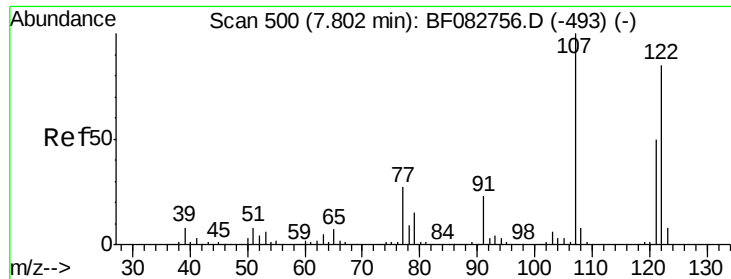
109 31.8 37.6 56.4#

65 59.1 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 29.07 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

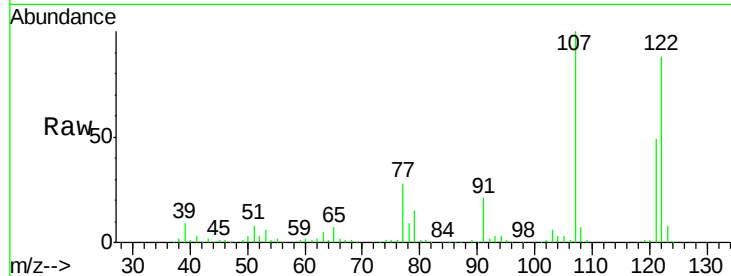
Tot Ion:122 Resp: 420811

Ion Ratio Lower Upper

122 100

107 113.5 106.0 159.0

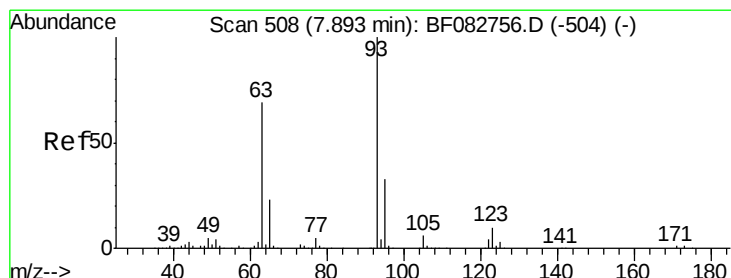
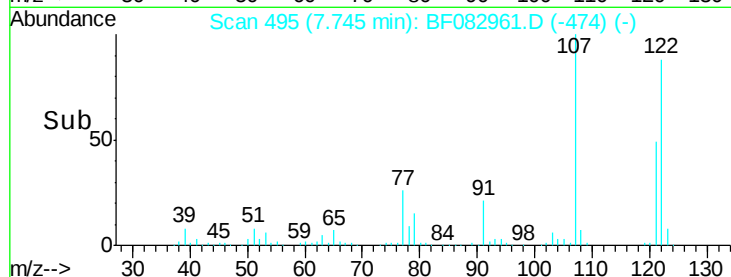
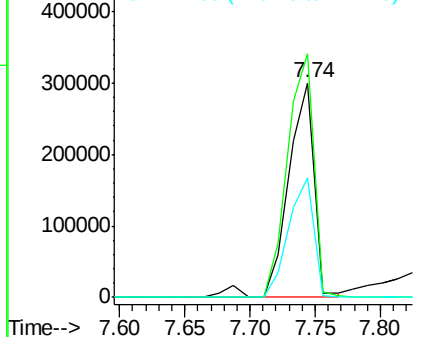
121 55.8 46.7 70.1



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: 27.85 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

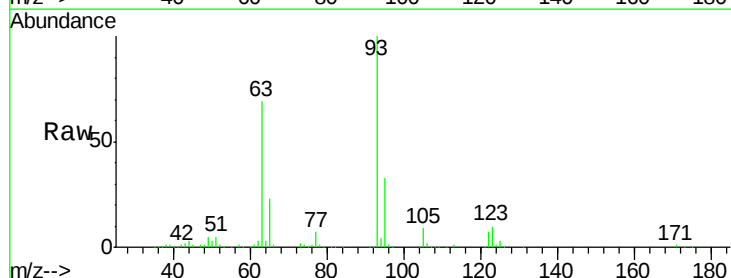
Tgt Ion: 93 Resp: 548687

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

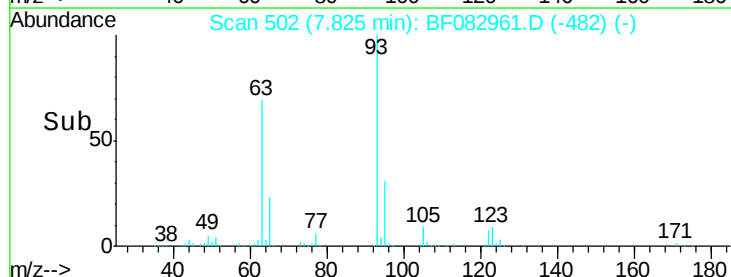
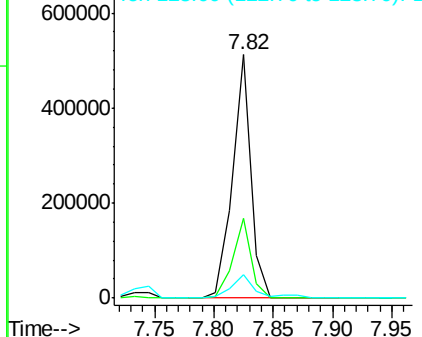
123 9.7 9.7 14.5

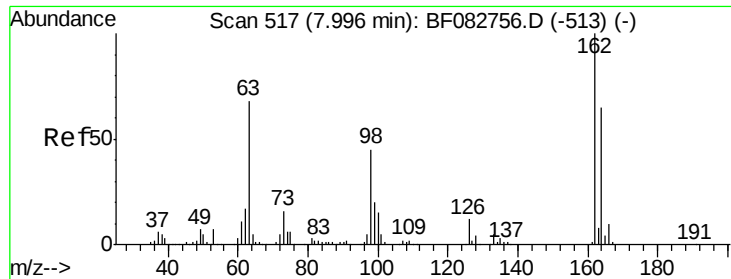


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

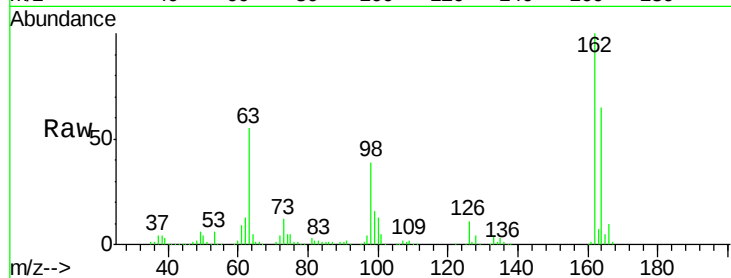




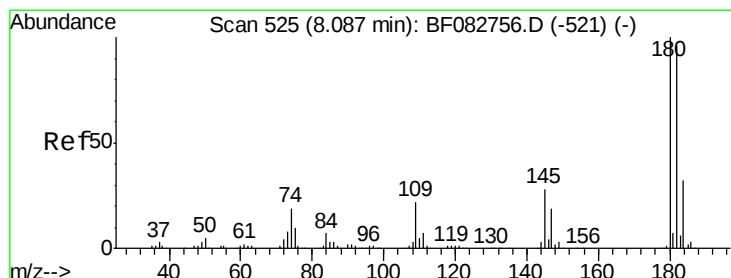
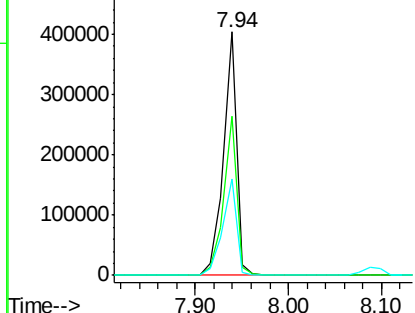
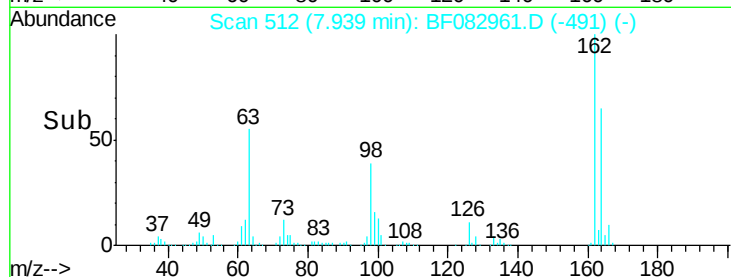
#29
 2,4-Dichlorophenol
 Concen: 30.15 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampled :
 PB86680BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.8	86.8
98	39.5	12.5	52.5

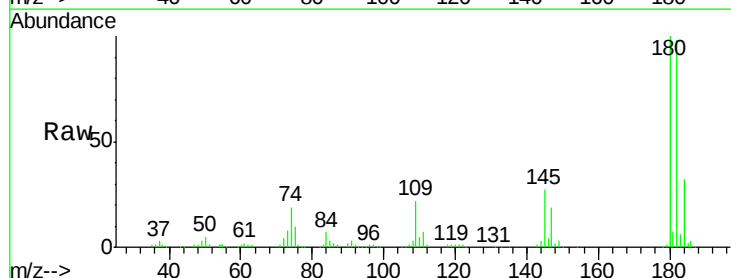


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

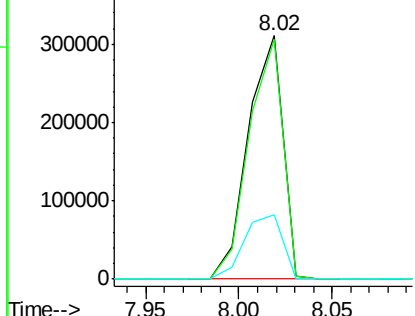
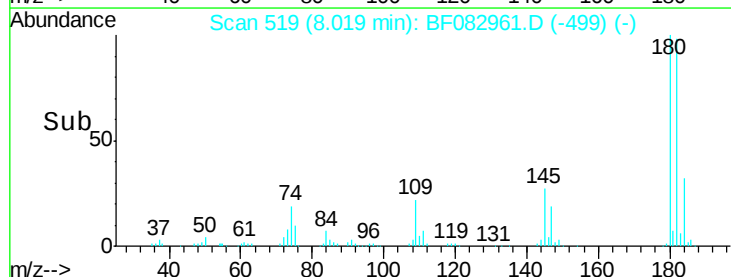


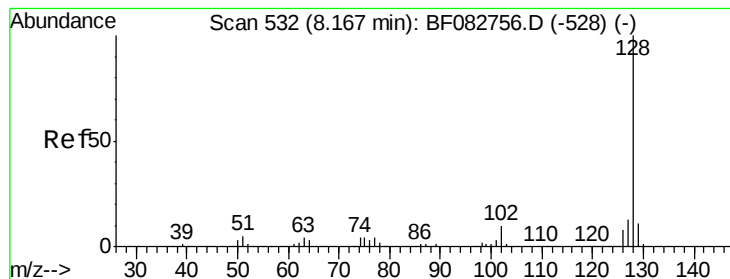
#30
 1,2,4-Trichlorobenzene
 Concen: 27.16 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	74.9	112.3
145	26.7	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: 26.14 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampled :

PB86680BS

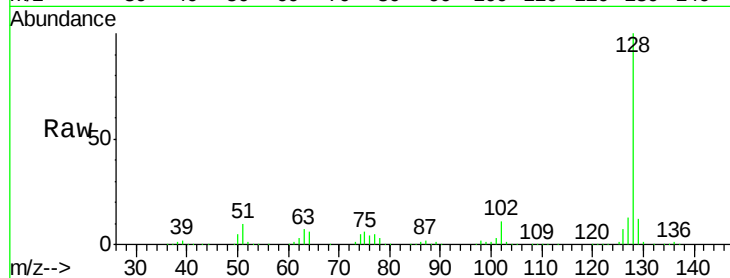
Tot Ion:128 Resp: 1184345

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

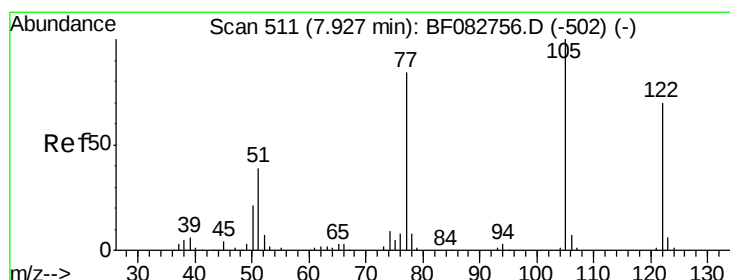
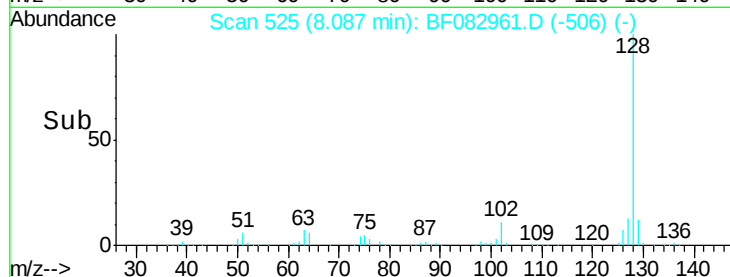
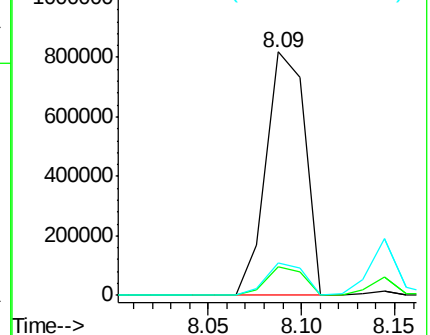
127 13.2 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.87 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

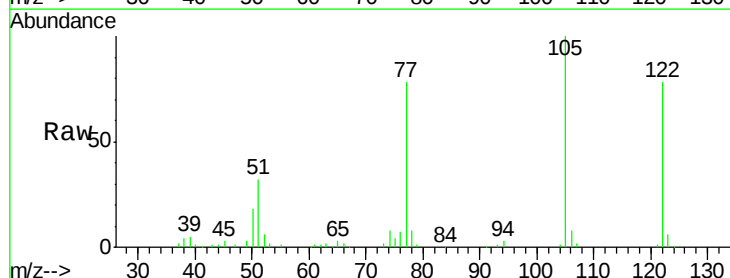
Tgt Ion:122 Resp: 246456

Ion Ratio Lower Upper

122 100

105 128.5 122.6 162.6

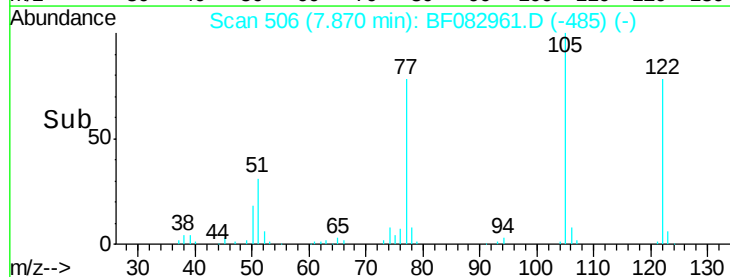
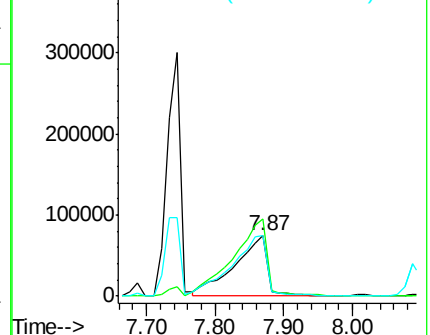
77 100.3 100.9 140.9#

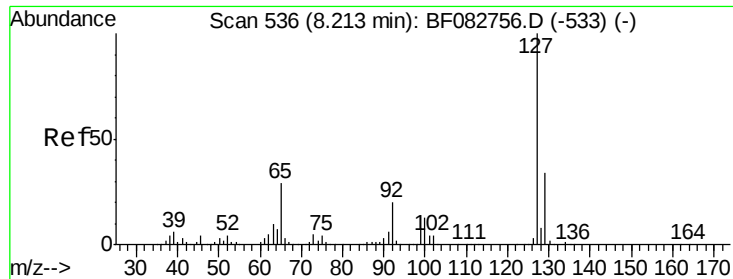


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

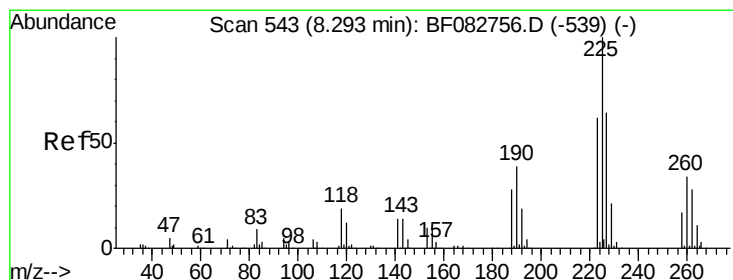
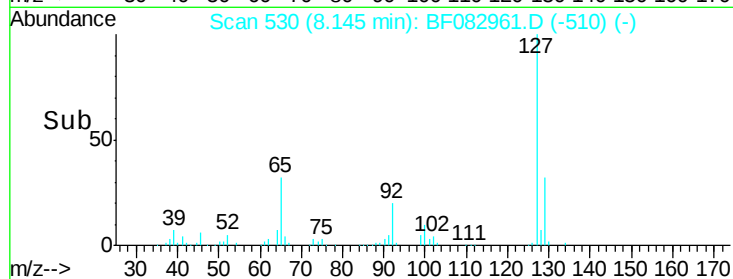
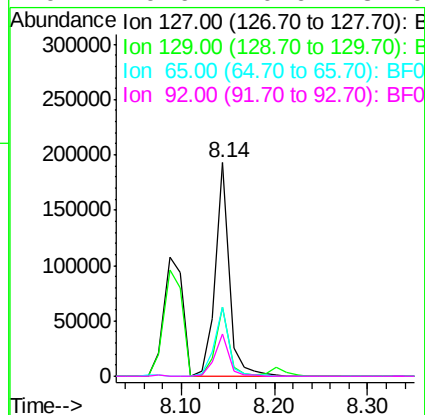
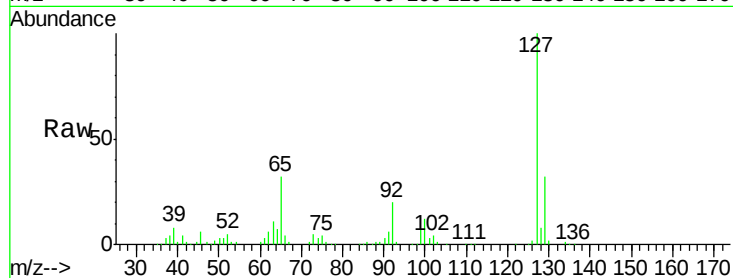




#33
4-Chloroaniline
Concen: 10.26 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

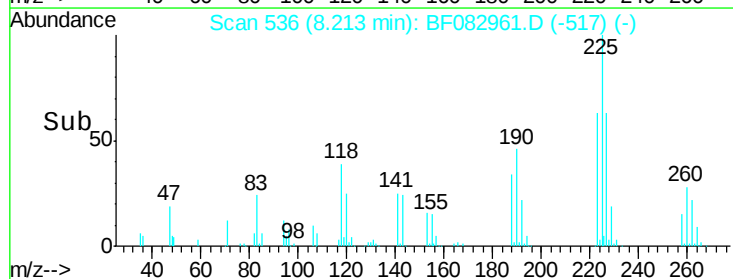
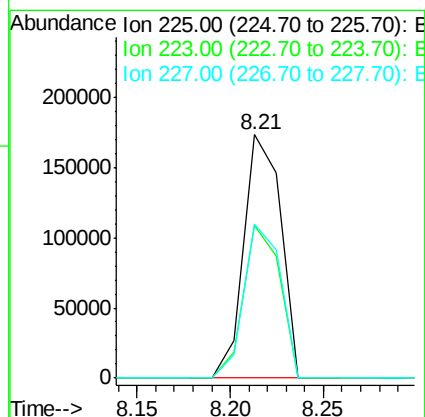
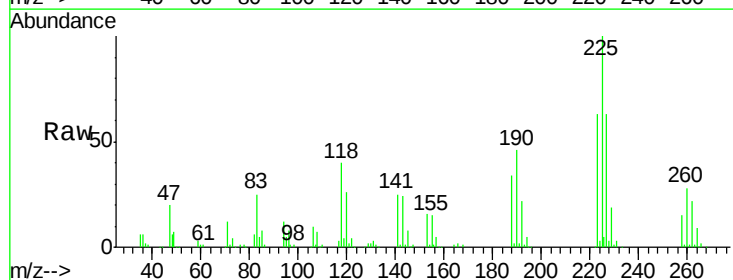
Instrument :
BNA_F
ClientSampleId :
PB86680BS

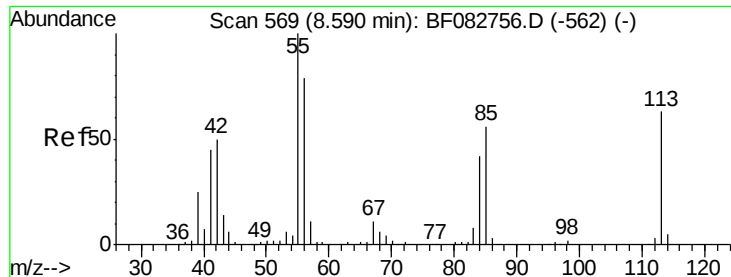
Tot Ion:	127	Resp:	200358
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	32.3	37.8	56.8#
92	19.6	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 25.84 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.08 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:	225	Resp:	237900
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	63.1	50.2	75.2

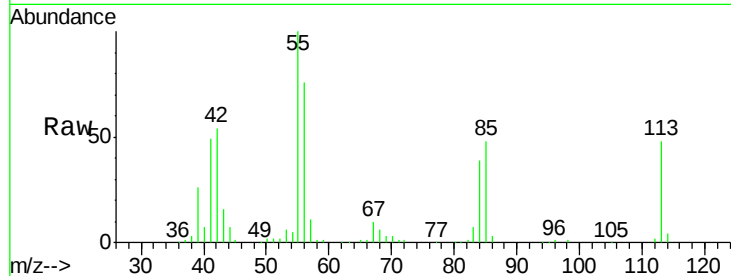




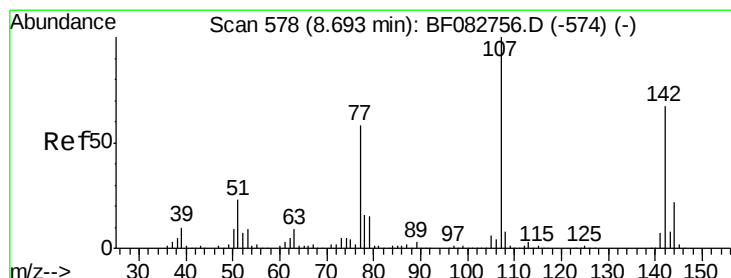
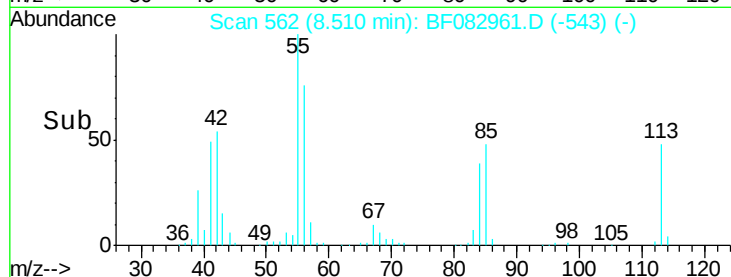
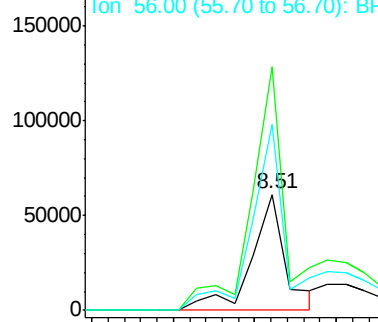
#35
Caprolactam
Concen: 21.29 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.08 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion:113 Resp: 87810
Ion Ratio Lower Upper
113 100
55 209.7 195.5 235.5
56 160.2 153.5 193.5

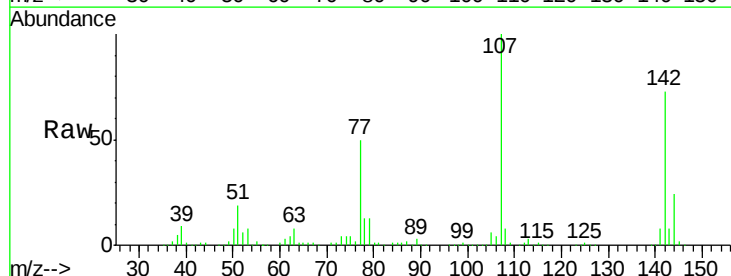


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

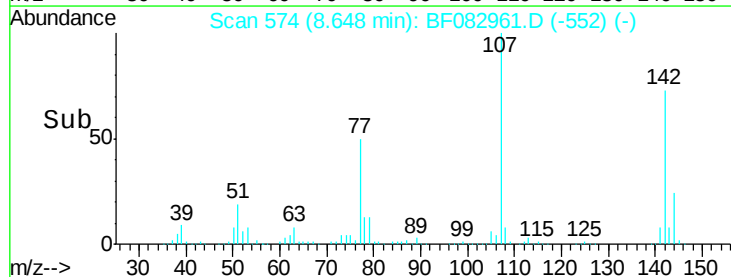
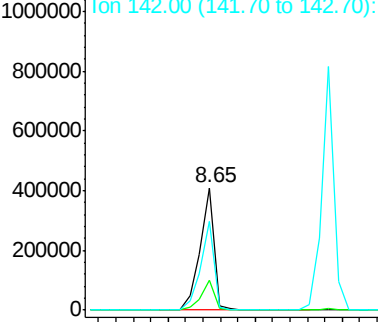


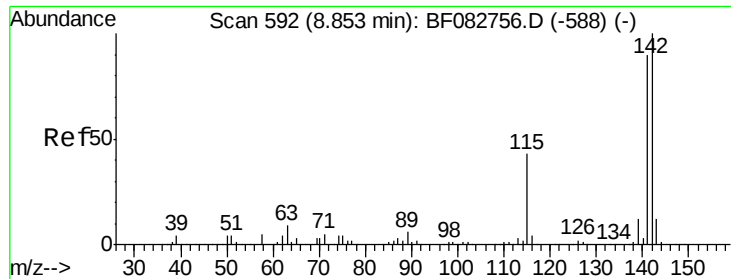
#36
4-Chloro-3-methylphenol
Concen: 29.64 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:107 Resp: 456090
Ion Ratio Lower Upper
107 100
144 24.0 15.4 23.0#
142 72.6 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

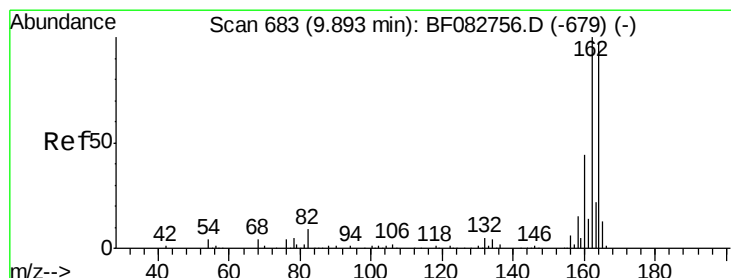
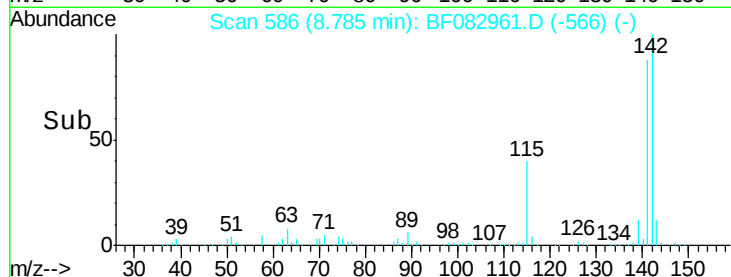
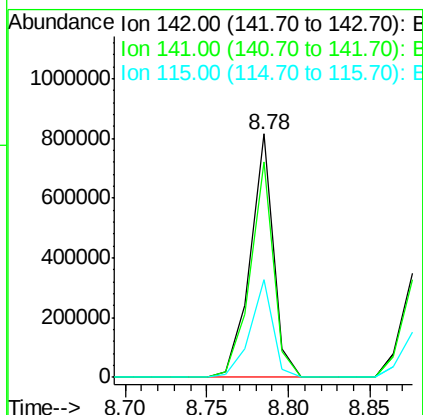
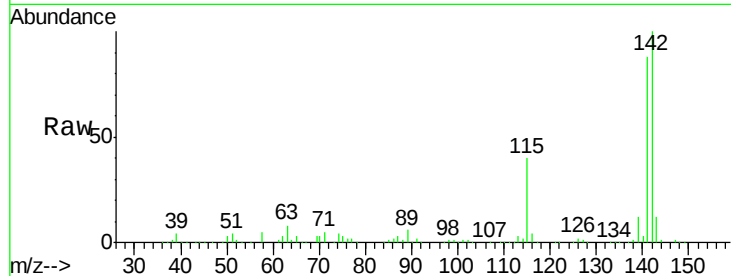




#37
 2-Methylnaphthalene
 Concen: 27.47 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

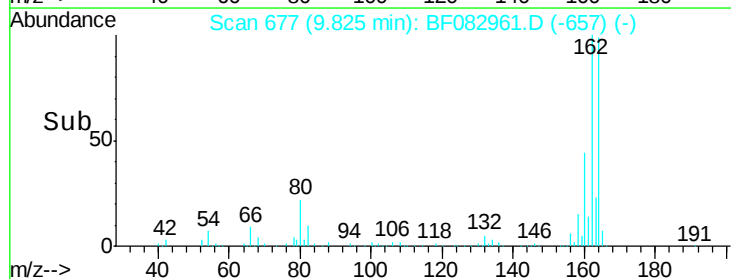
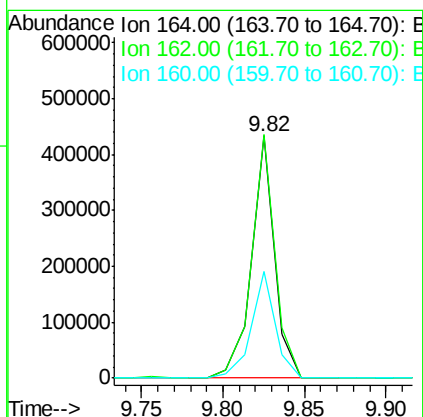
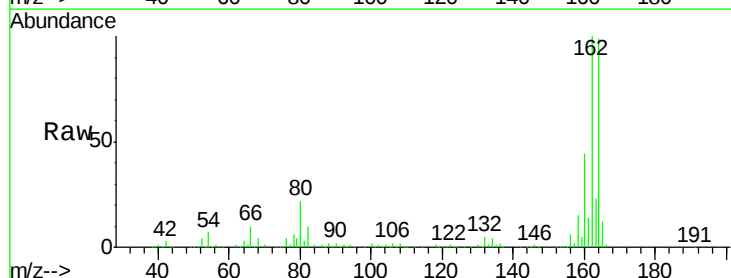
Instrument :
 BNA_F
 ClientSampleID :
 PB86680BS

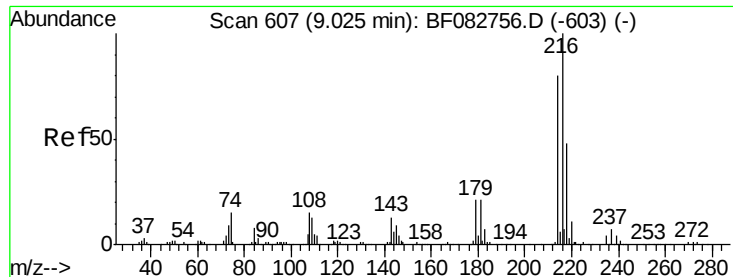
Tot Ion:142 Resp: 805051
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.3 108.5
 115 39.9 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:164 Resp: 424520
 Ion Ratio Lower Upper
 164 100
 162 100.7 84.9 127.3
 160 44.1 37.5 56.3

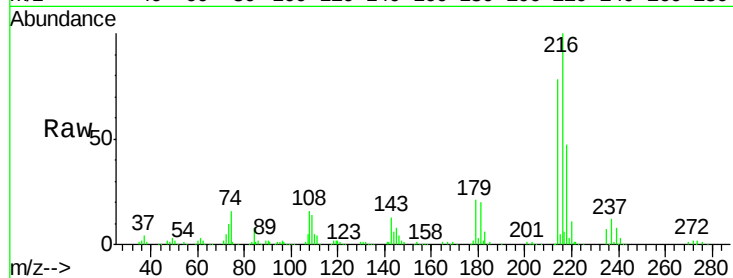




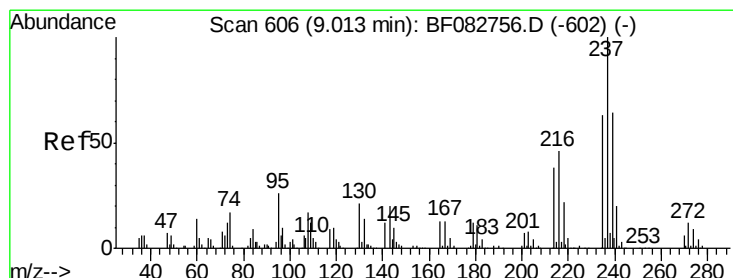
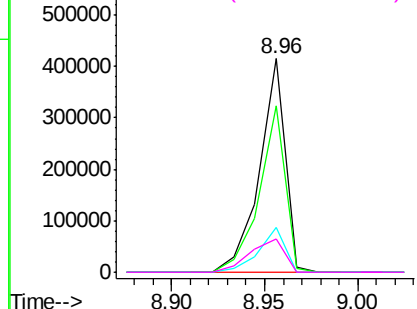
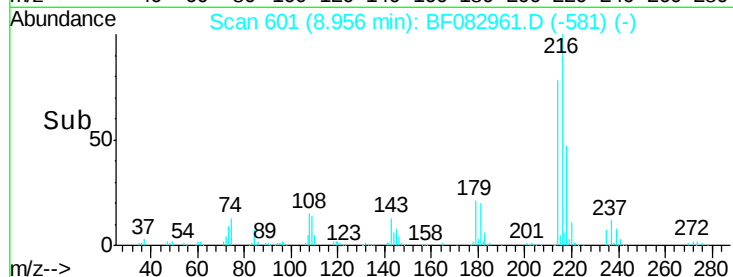
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.81 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion:216 Resp: 401923
 Ion Ratio Lower Upper
 216 100
 214 78.6 62.2 93.2
 179 21.4 18.1 27.1
 108 21.2 16.6 25.0

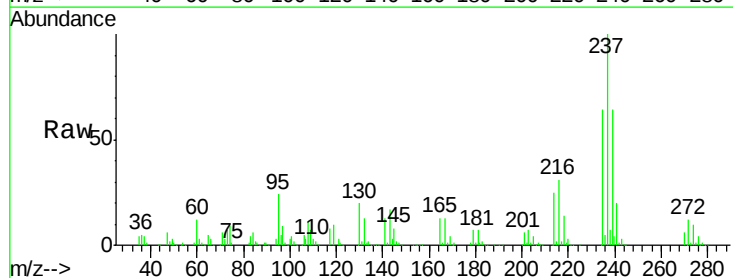


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

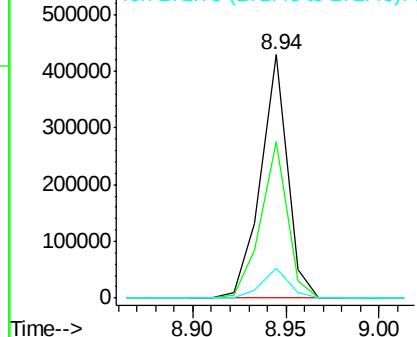
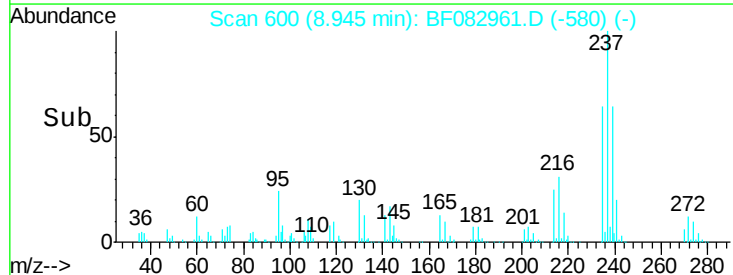


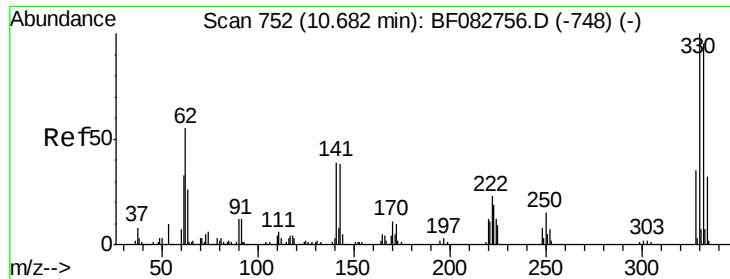
#40
 Hexachlorocyclopentadiene
 Concen: 56.74 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:237 Resp: 425226
 Ion Ratio Lower Upper
 237 100
 235 64.1 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

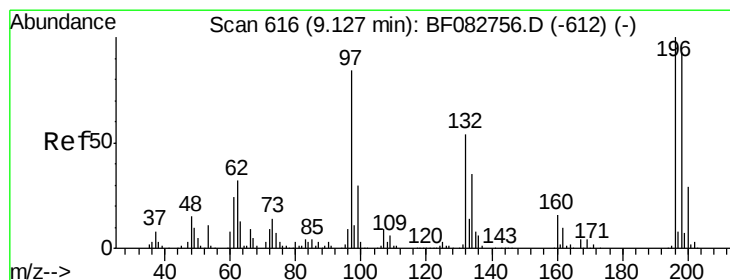
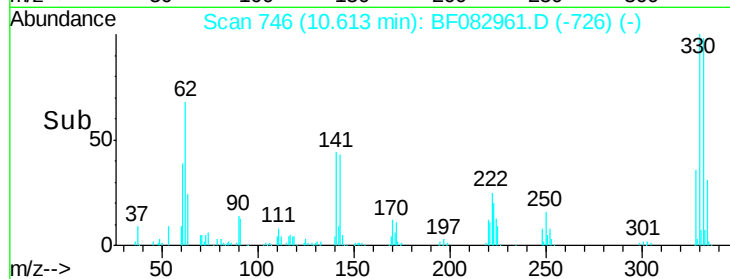
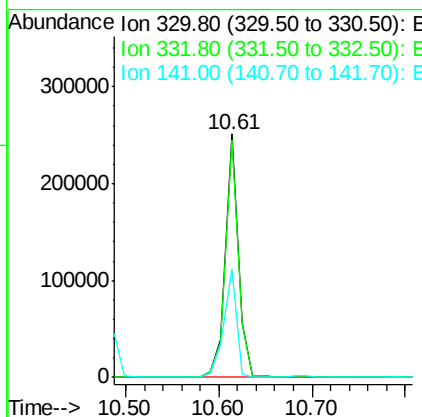
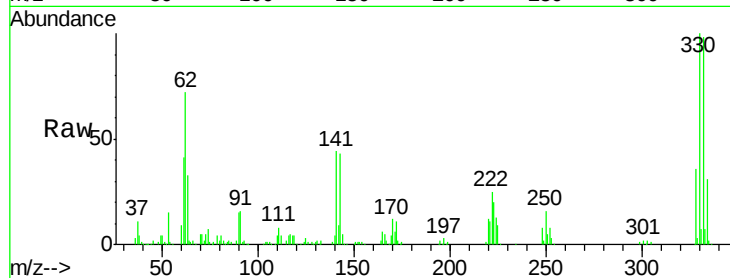




#41
 2,4,6-Tribromophenol
 Concen: 50.38 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

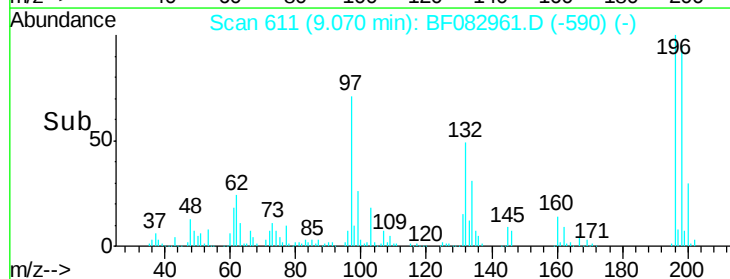
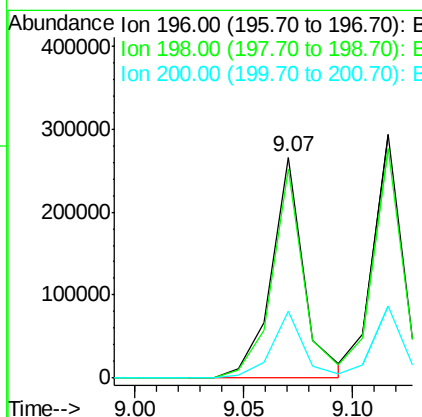
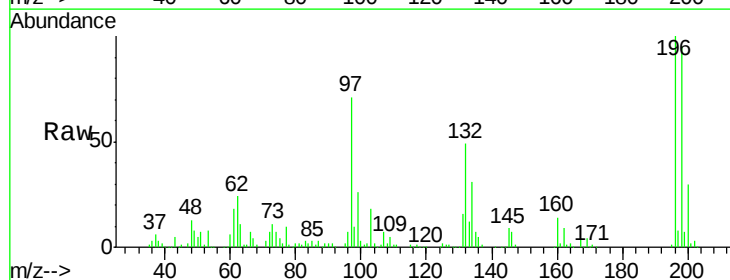
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

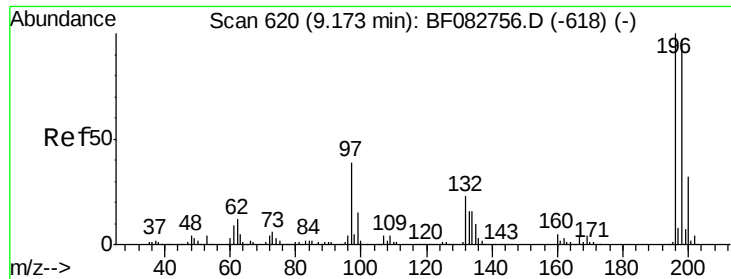
Tot Ion:330 Resp: 245214
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 43.4 41.2 61.8



#42
 2,4,6-Trichlorophenol
 Concen: 26.73 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:196 Resp: 278362
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 30.3 23.9 35.9

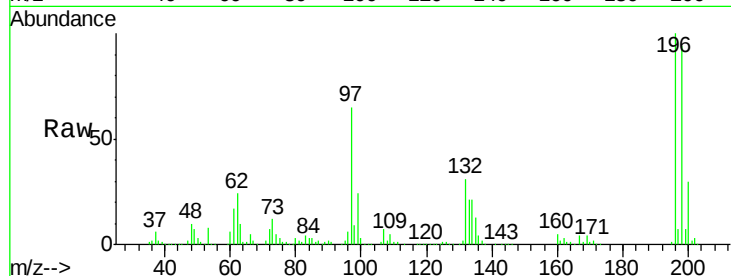




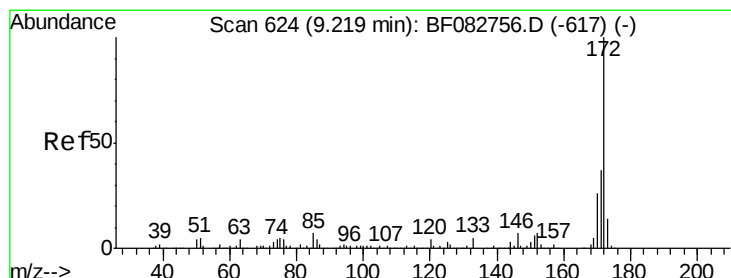
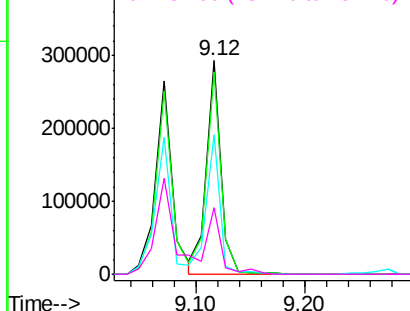
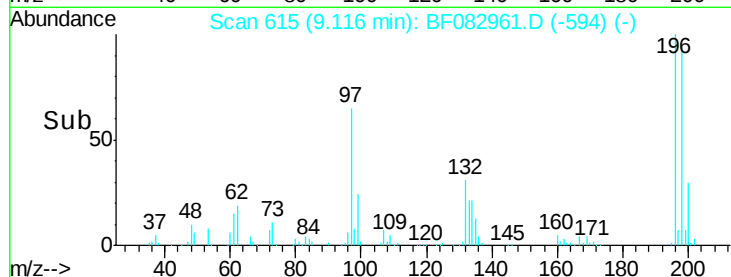
#43
2,4,5-Trichlorophenol
Concen: 26.70 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.8	113.8
97	65.1	62.3	93.5
132	31.1	27.4	41.2

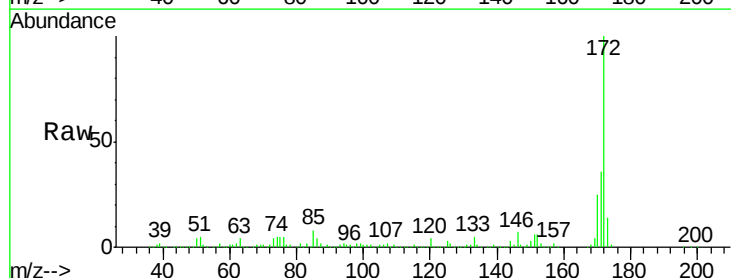


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

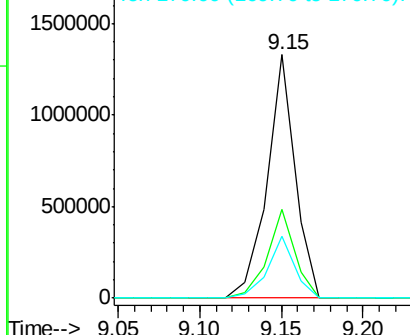
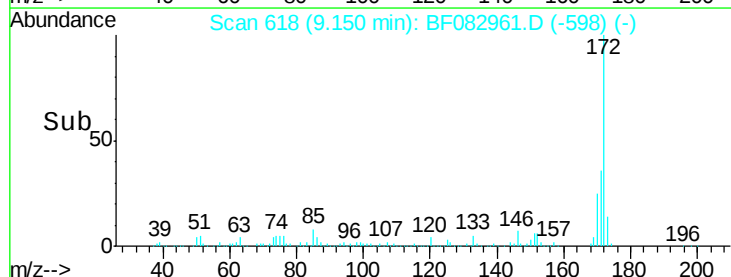


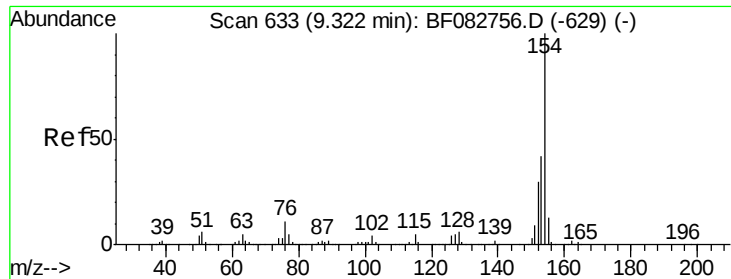
#44
2-Fluorobiphenyl
Concen: 53.55 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	25.2	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

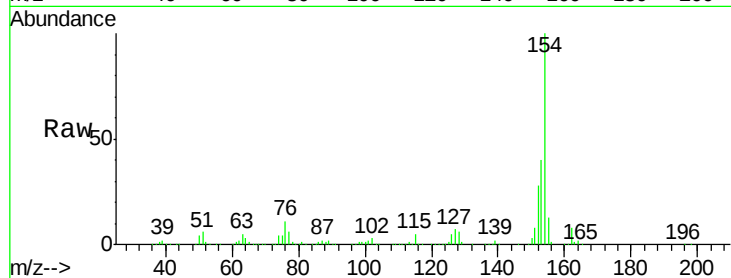




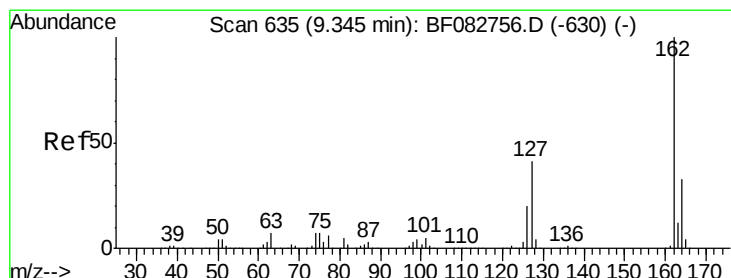
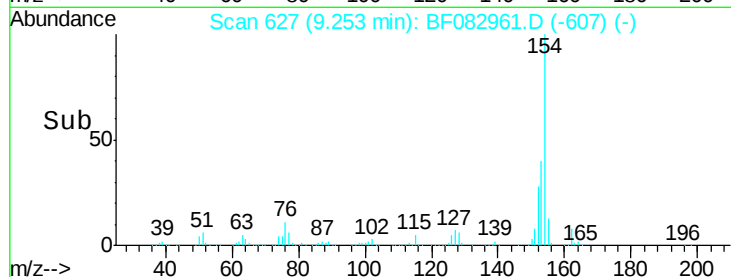
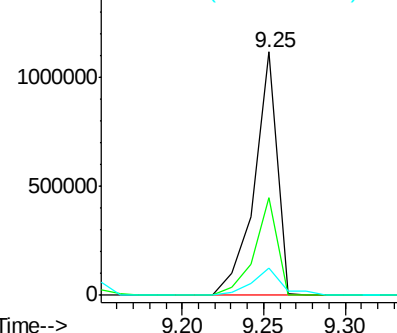
#45
 1,1'-Biphenyl
 Concen: 29.94 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampled :
 PB86680BS

Tot Ion:154 Resp: 1090675
 Ion Ratio Lower Upper
 154 100
 153 40.2 22.0 62.0
 76 11.4 0.0 29.0

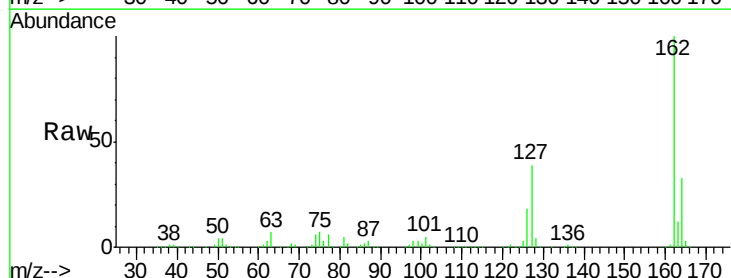


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

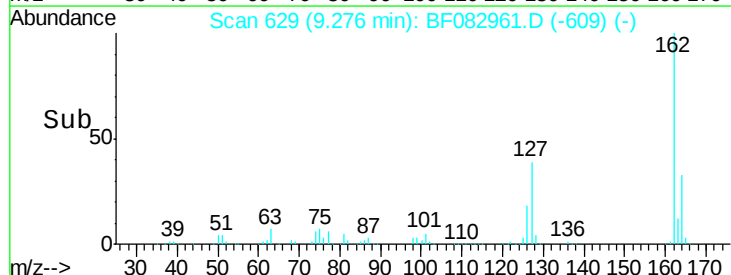
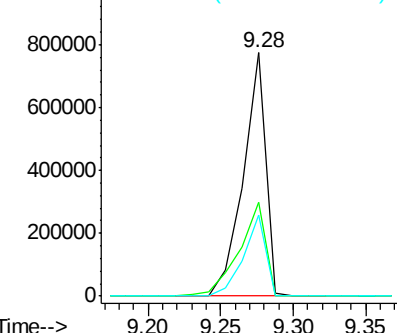


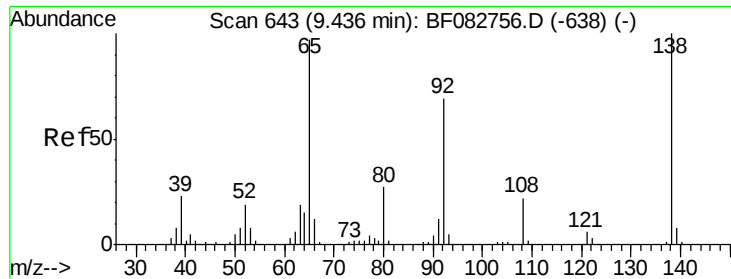
#46
 2-Chloronaphthalene
 Concen: 29.34 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:162 Resp: 833549
 Ion Ratio Lower Upper
 162 100
 127 38.6 32.7 49.1
 164 33.4 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

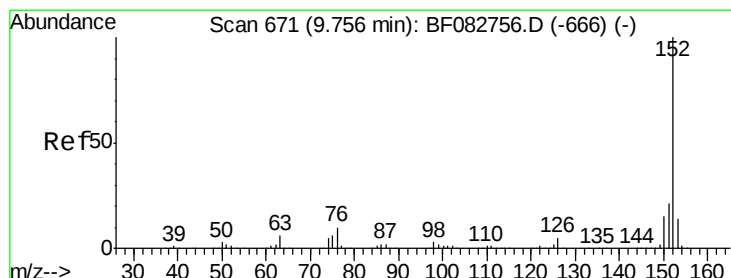
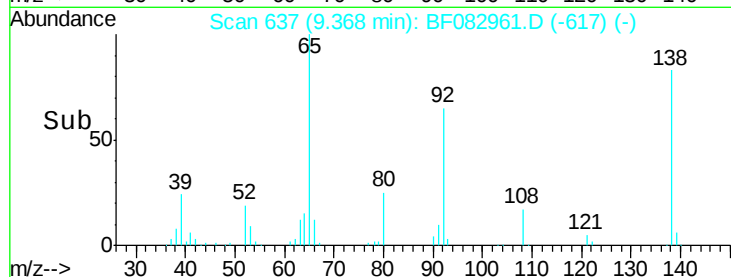
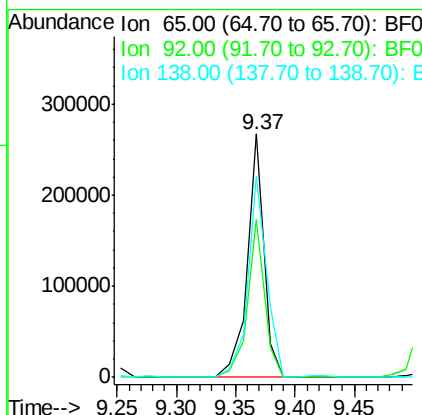
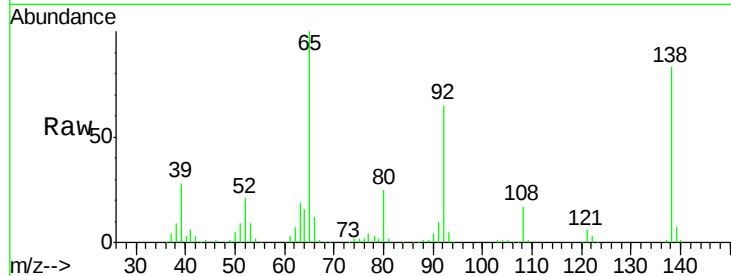




#47
 2-Nitroaniline
 Concen: 24.91 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

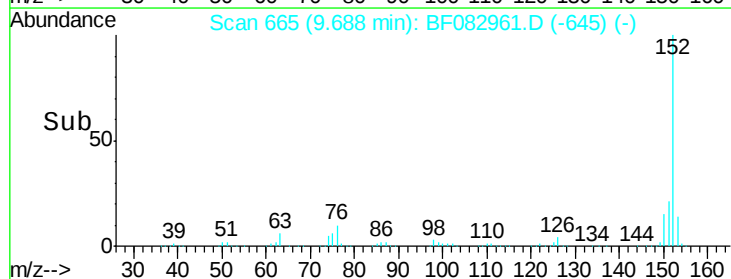
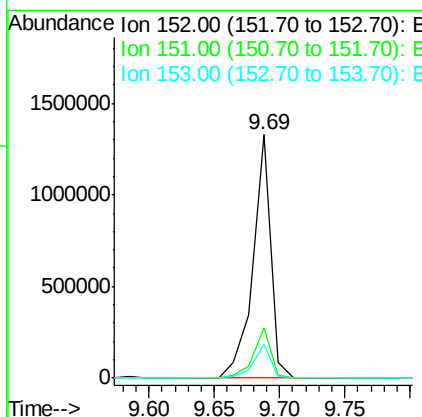
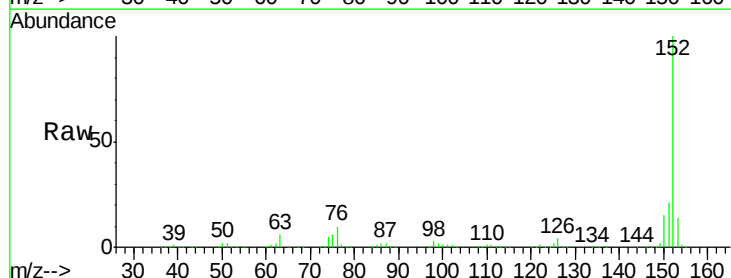
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

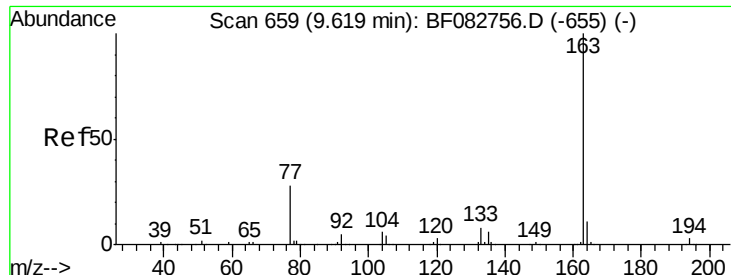
Tot Ion: 65 Resp: 262618
 Ion Ratio Lower Upper
 65 100
 92 64.9 46.6 70.0
 138 82.9 54.6 81.8#



#48
 Acenaphthylene
 Concen: 28.40 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion: 152 Resp: 1264755
 Ion Ratio Lower Upper
 152 100
 151 20.6 17.3 25.9
 153 13.6 11.3 16.9

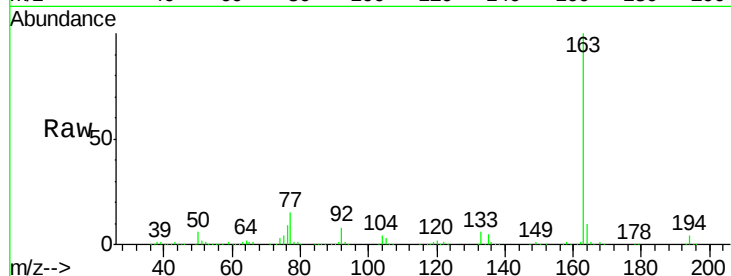




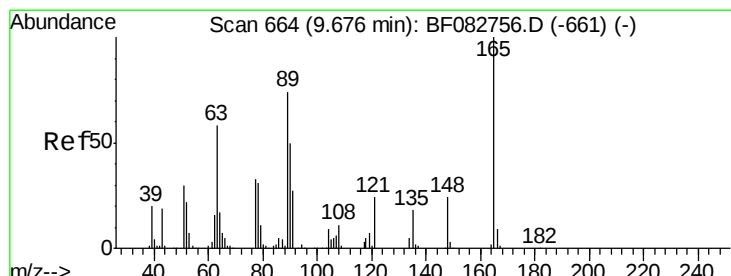
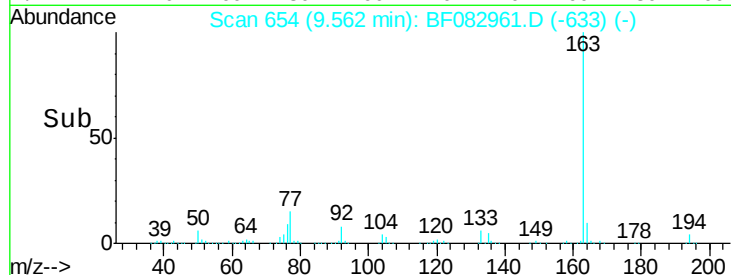
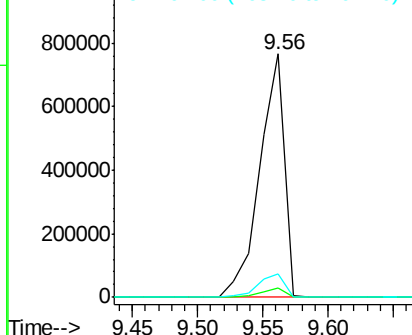
#49
Dimethylphthalate
Concen: 29.03 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampled :
PB86680BS

Tot Ion:163 Resp: 1009648
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.7 13.1

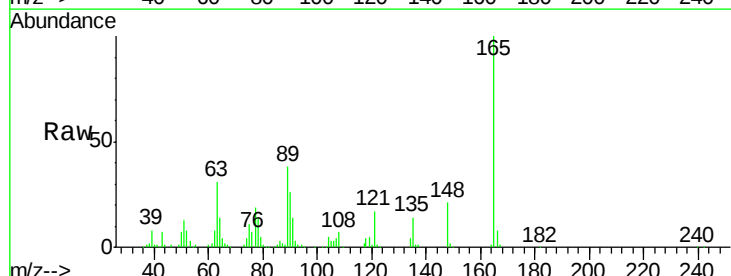


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

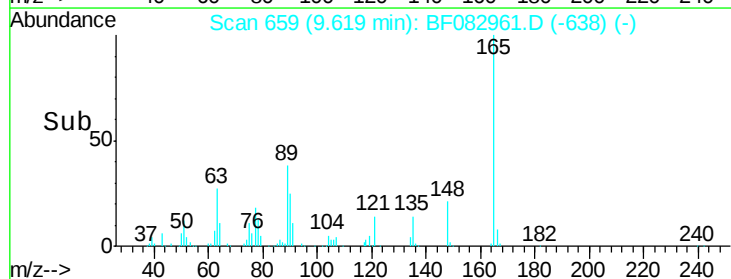
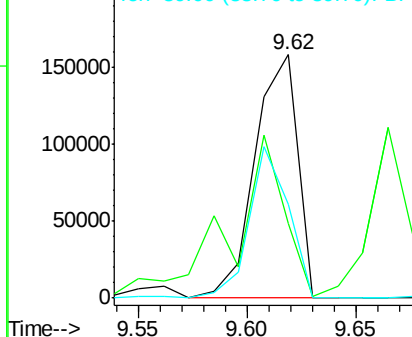


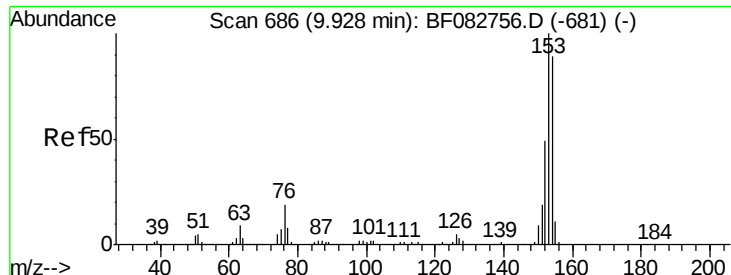
#50
2,6-Dinitrotoluene
Concen: 29.21 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:165 Resp: 216758
Ion Ratio Lower Upper
165 100
63 30.6 55.5 83.3#
89 38.4 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: 30.65 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

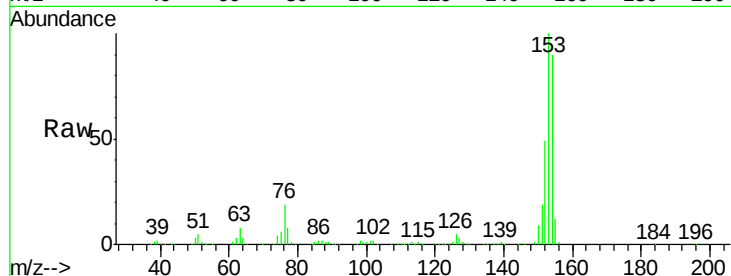
Tot Ion:154 Resp: 865122

Ion Ratio Lower Upper

154 100

153 111.0 90.1 135.1

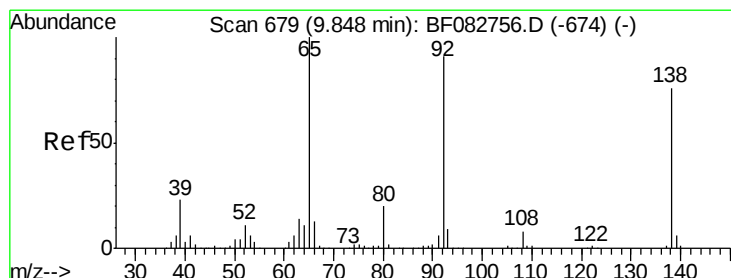
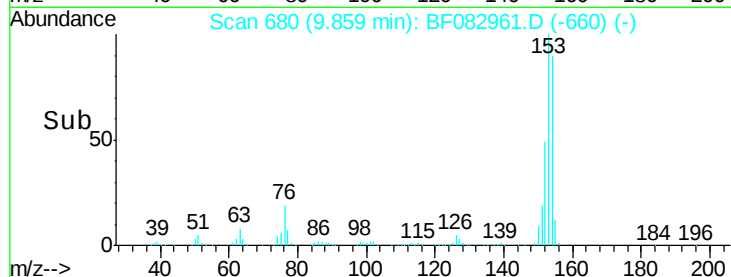
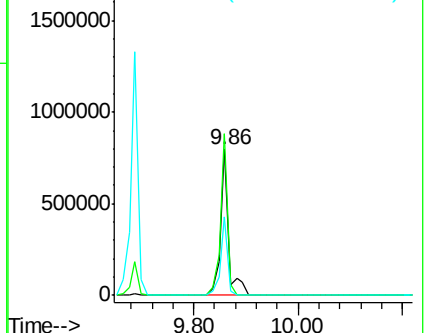
152 54.2 44.3 66.5



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: 13.88 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

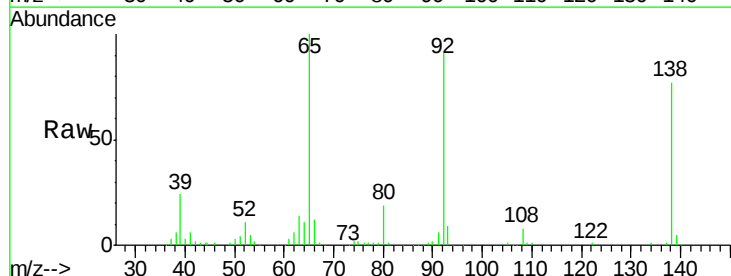
Tgt Ion:138 Resp: 113275

Ion Ratio Lower Upper

138 100

108 10.1 11.3 16.9#

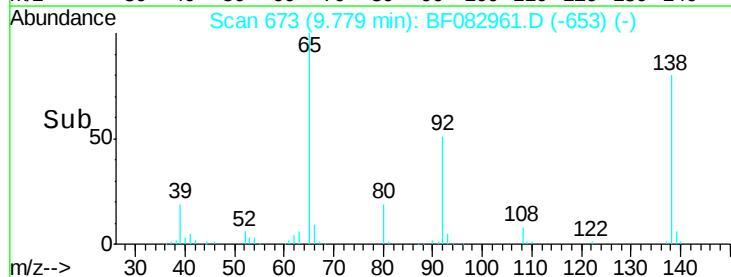
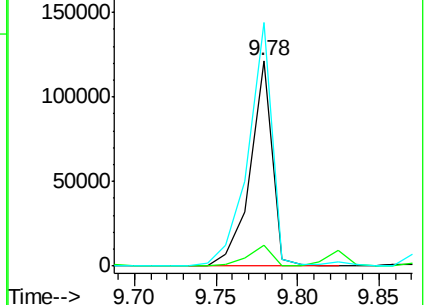
92 118.4 122.4 183.6#

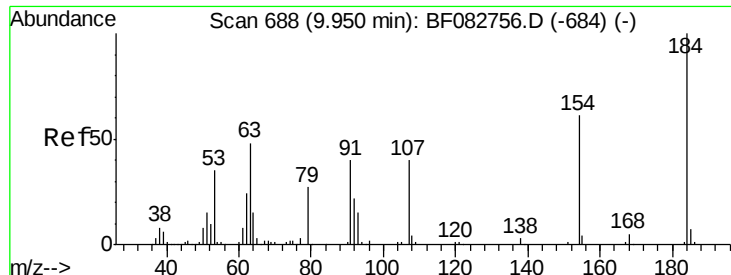


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

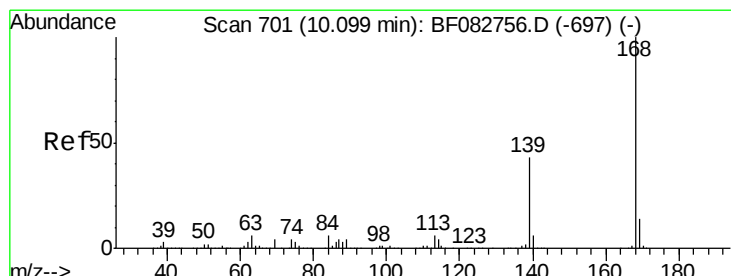
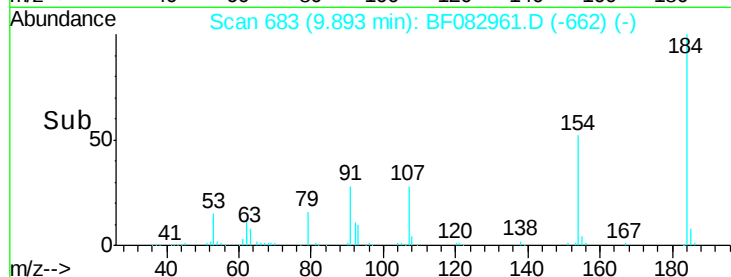
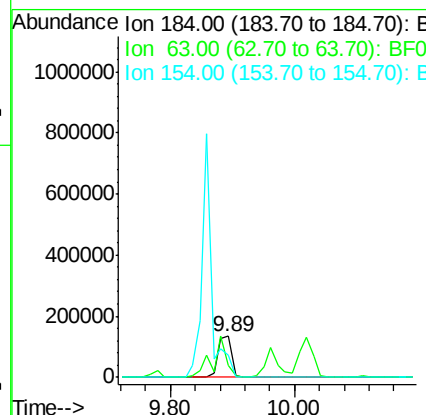
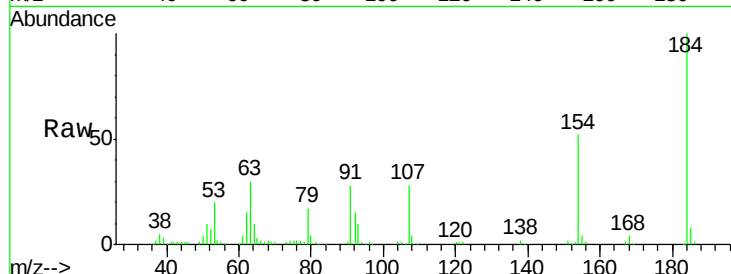




#53
2,4-Dinitrophenol
Concen: 50.78 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

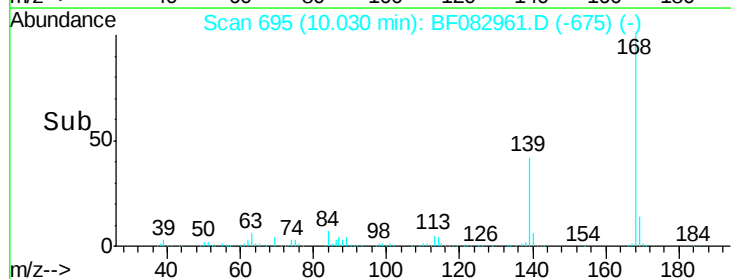
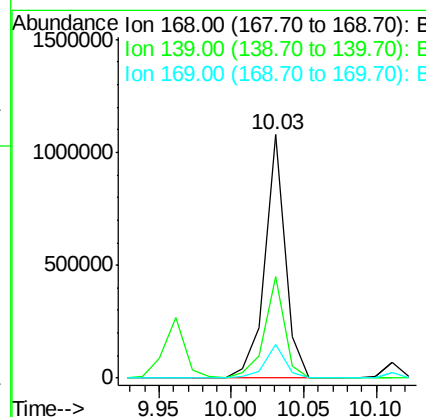
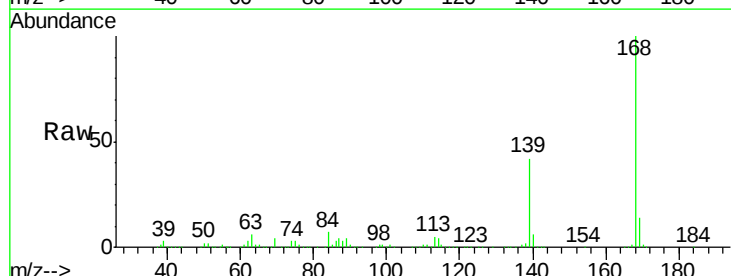
Instrument :
BNA_F
ClientSampleId :
PB86680BS

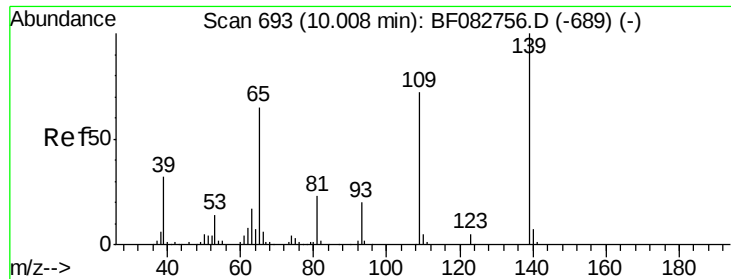
Tot Ion:184 Resp: 206896
Ion Ratio Lower Upper
184 100
63 29.7 98.6 148.0#
154 52.5 183.9 275.9#



#54
Dibenzofuran
Concen: 27.60 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:168 Resp: 1050083
Ion Ratio Lower Upper
168 100
139 41.9 37.8 56.6
169 14.0 11.3 16.9

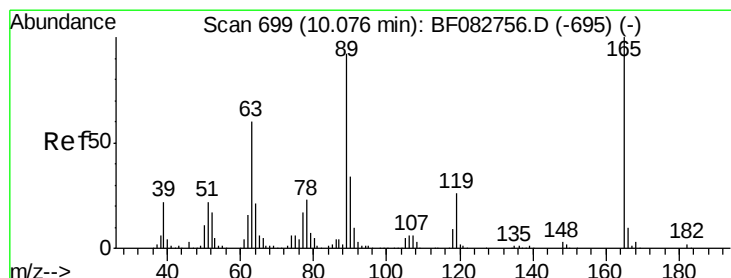
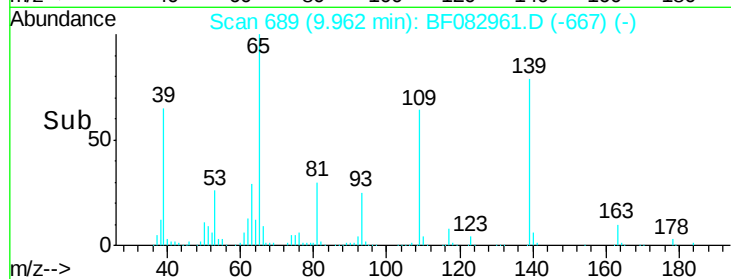
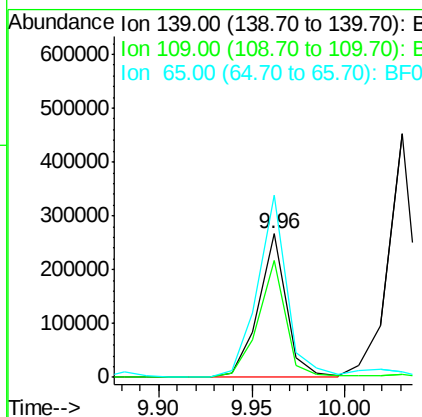
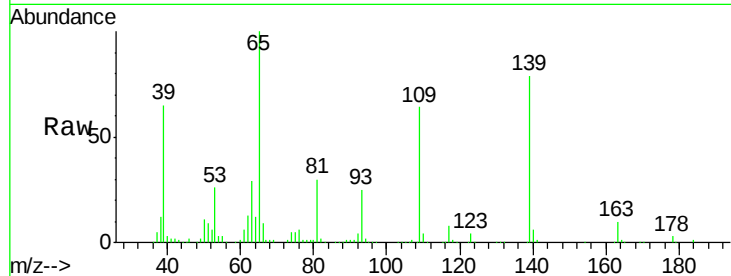




#55
4-Nitrophenol
Concen: 44.58 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

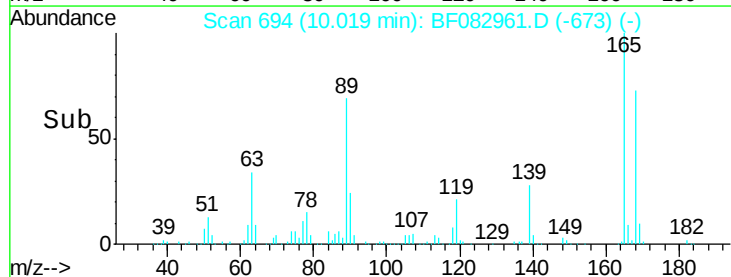
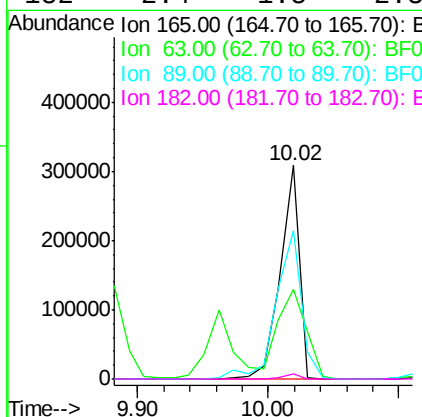
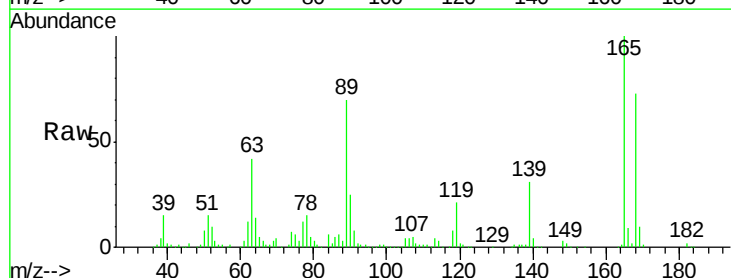
Instrument :
BNA_F
ClientSampleId :
PB86680BS

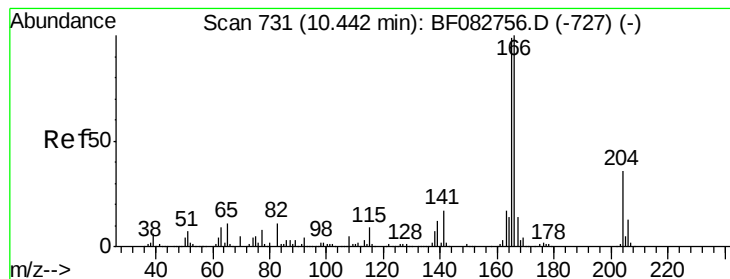
Tot Ion:139 Resp: 279129
Ion Ratio Lower Upper
139 100
109 81.7 73.7 113.7
65 126.9 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 31.55 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:165 Resp: 317687
Ion Ratio Lower Upper
165 100
63 41.9 43.4 65.0#
89 69.6 70.6 106.0#
182 2.4 1.5 2.3#





#57

Fluorene

Concen: 27.98 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

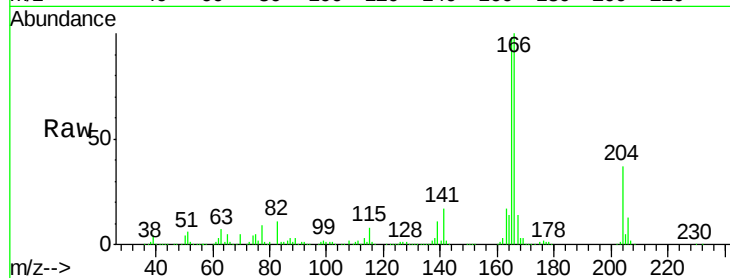
Tot Ion:166 Resp: 862237

Ion Ratio Lower Upper

166 100

165 98.3 80.2 120.4

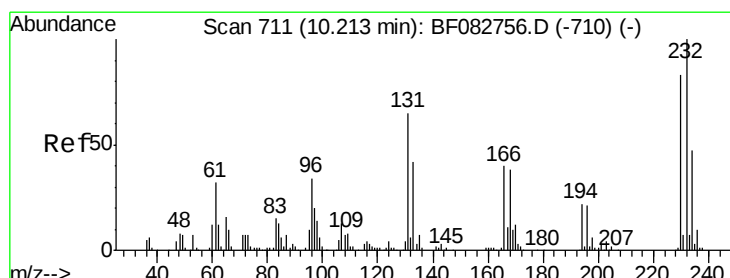
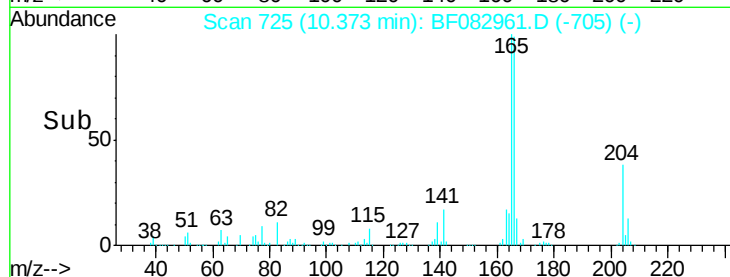
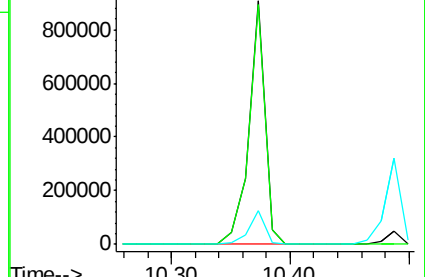
167 13.7 11.2 16.8



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: 30.29 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:232 Resp: 254601

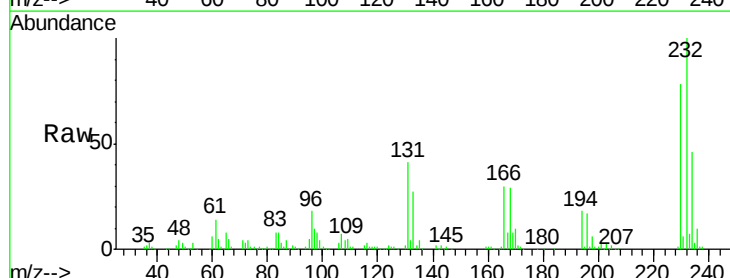
Ion Ratio Lower Upper

232 100

131 45.3 46.2 69.2#

130 2.1 2.4 3.6#

166 30.9 28.2 42.2

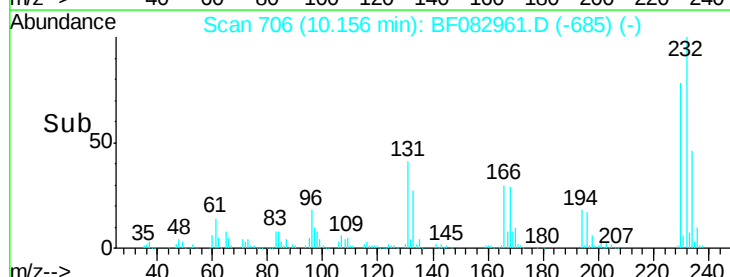
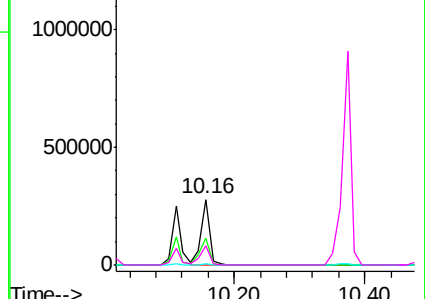


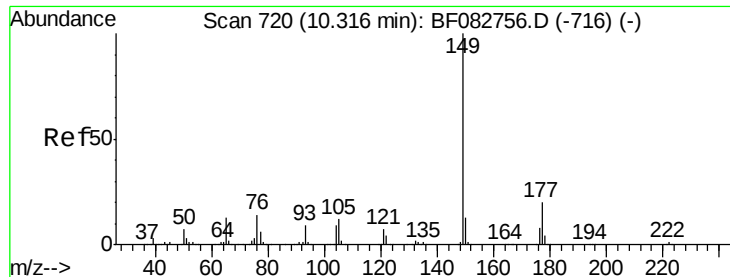
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

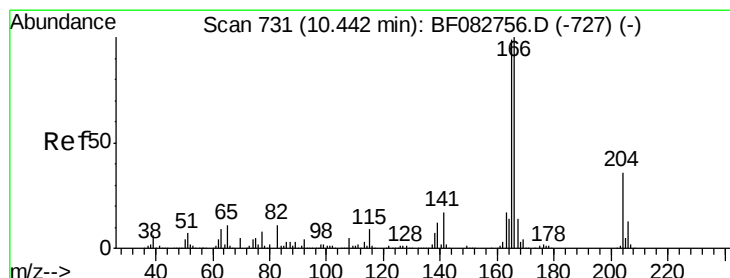
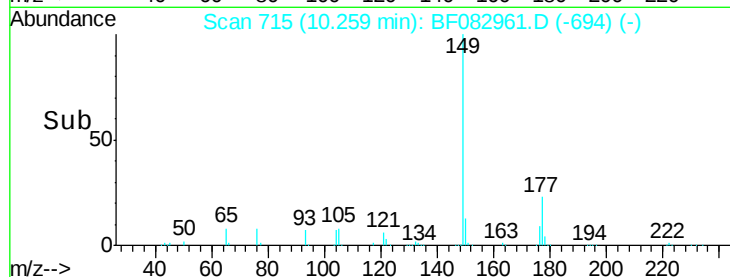
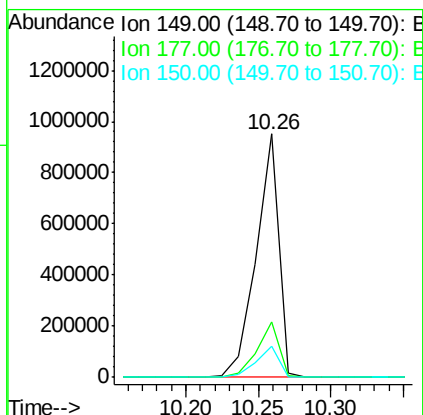
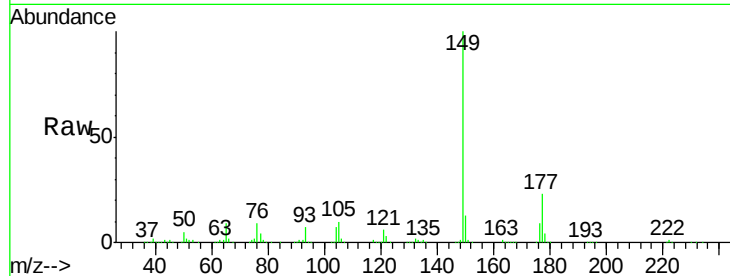




#59
Diethylphthalate
Concen: 30.37 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

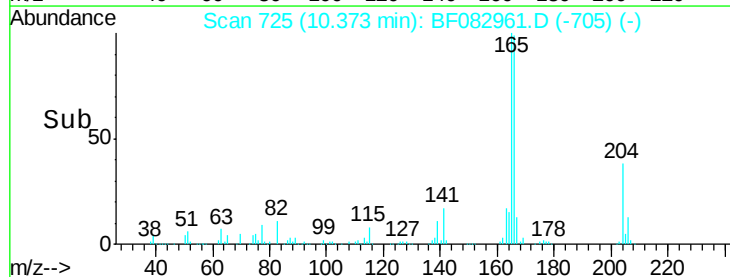
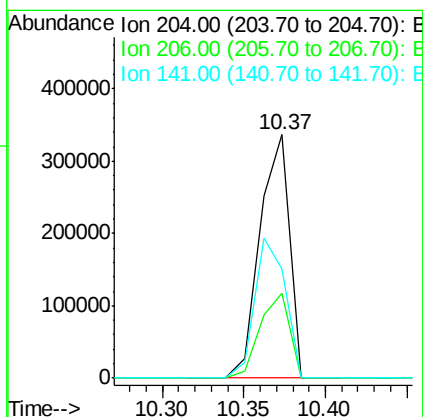
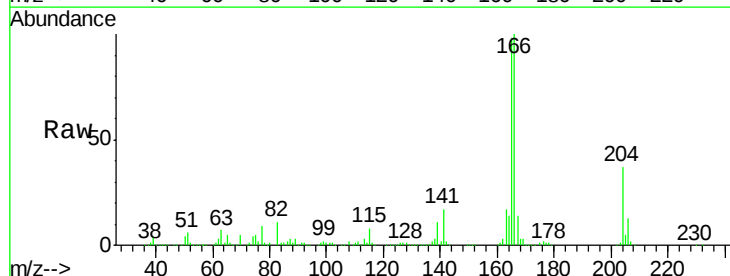
Instrument :
BNA_F
ClientSampleId :
PB86680BS

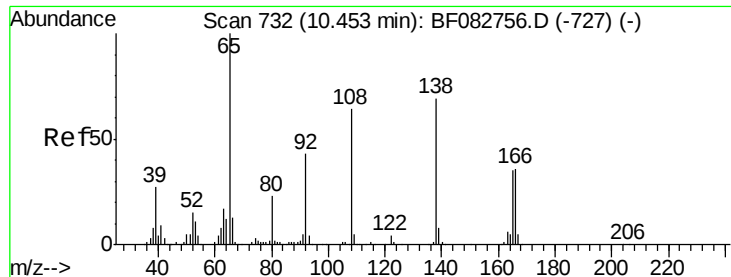
Tot Ion:149 Resp: 1031341
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.50 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:204 Resp: 423968
Ion Ratio Lower Upper
204 100
206 34.8 28.5 42.7
141 45.0 44.6 66.8

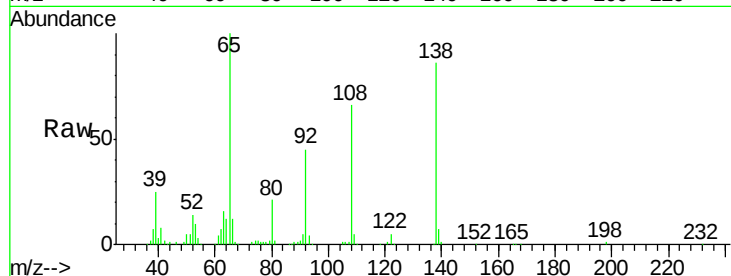




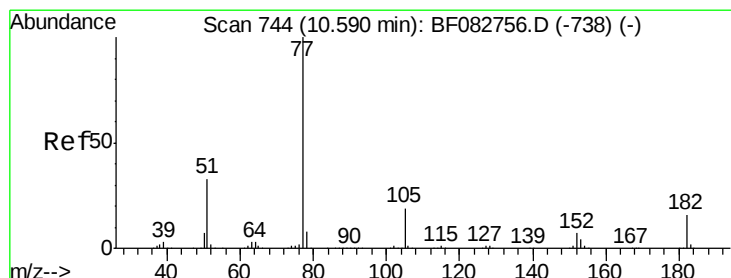
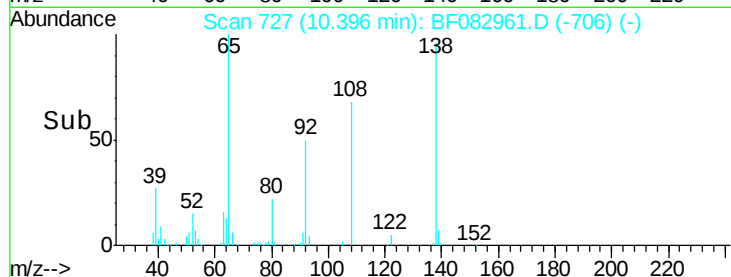
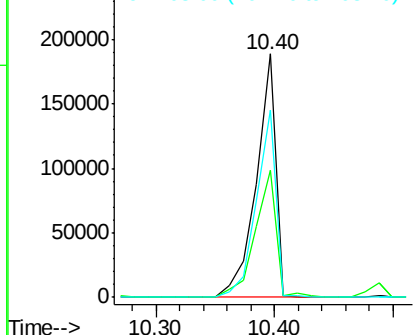
#61
4-Nitroaniline
Concen: 26.55 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion:138 Resp: 217943
Ion Ratio Lower Upper
138 100
92 52.4 45.8 85.8
108 76.8 89.4 129.4#

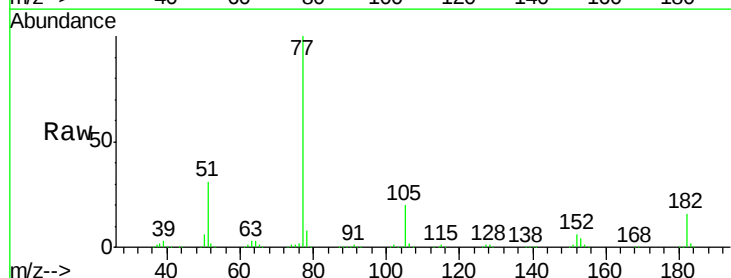


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

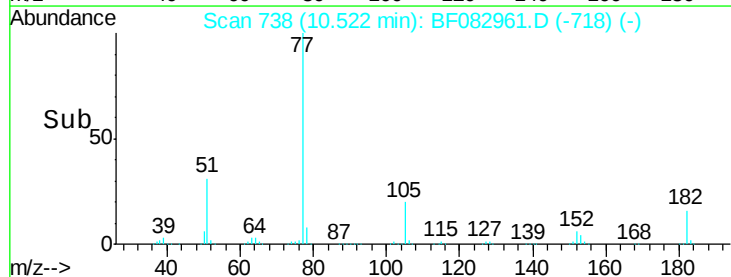
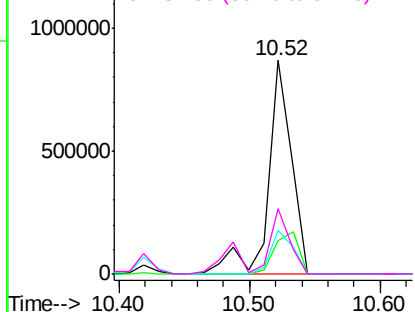


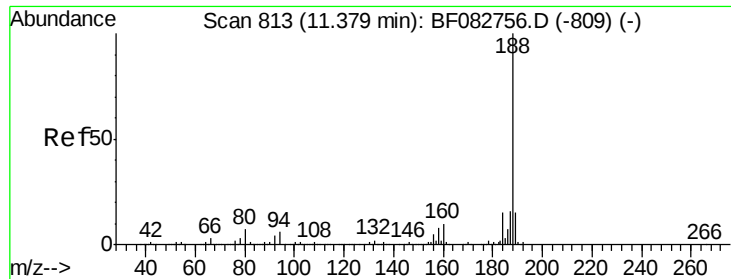
#62
Azobenzene
Concen: 29.85 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion: 77 Resp: 1089055
Ion Ratio Lower Upper
77 100
182 15.8 9.3 49.3
105 20.4 2.6 42.6
51 30.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

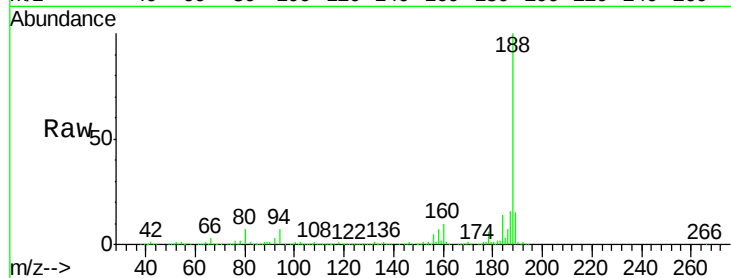




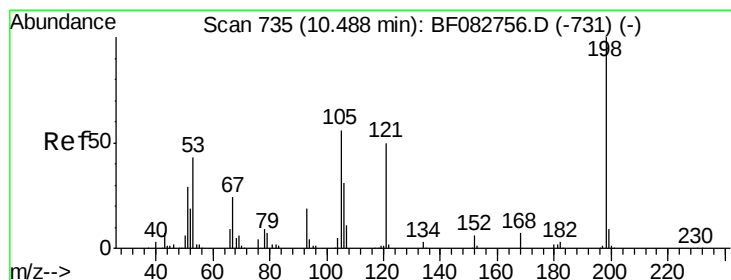
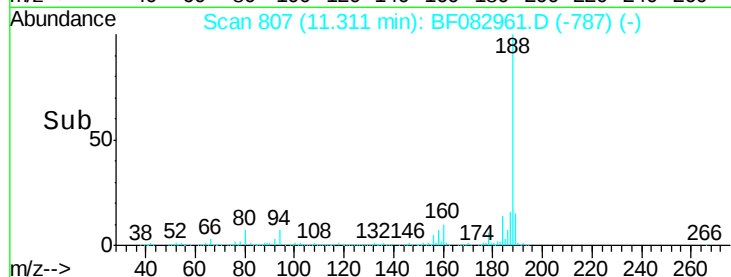
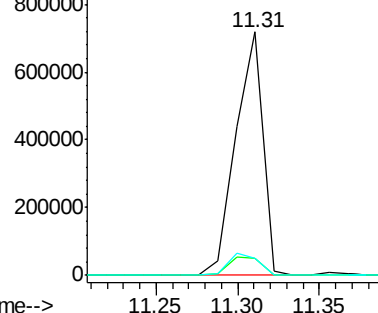
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion:188 Resp: 835477
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 7.2 7.0 10.6

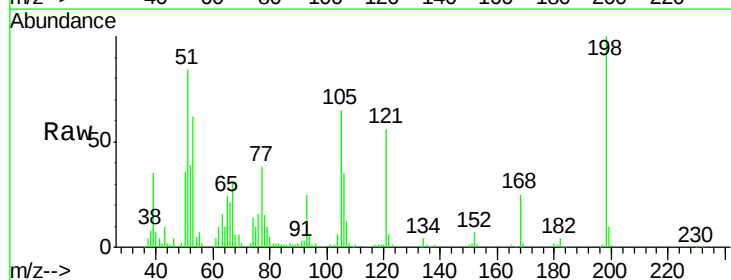


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

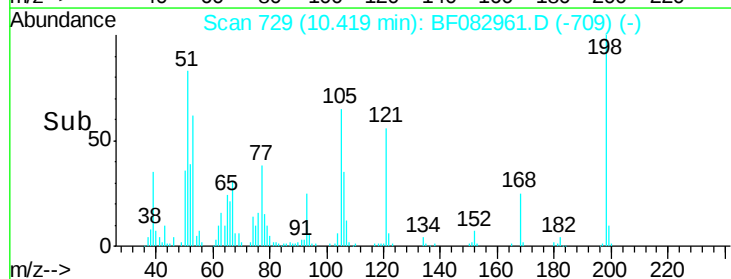
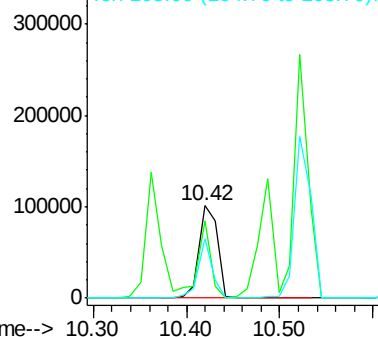


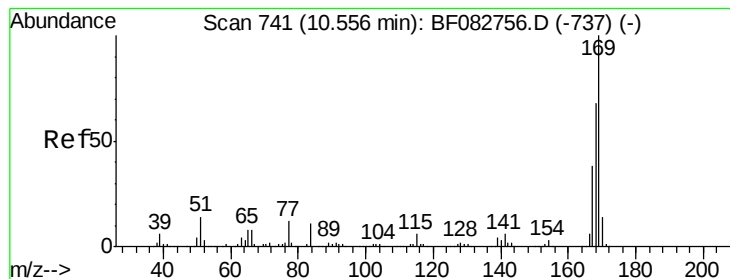
#64
4,6-Dinitro-2-methylphenol
Concen: 23.69 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:198 Resp: 141031
Ion Ratio Lower Upper
198 100
51 83.8 17.3 57.3#
105 64.9 21.7 61.7#



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





#65

n-Nitrosodiphenylamine

Concen: 26.54 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

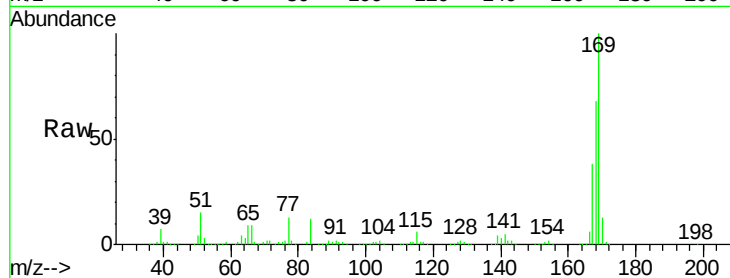
Tot Ion:169 Resp: 801180

Ion Ratio Lower Upper

169 100

168 67.6 55.0 82.6

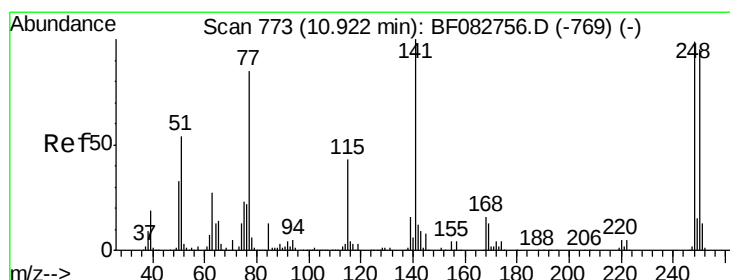
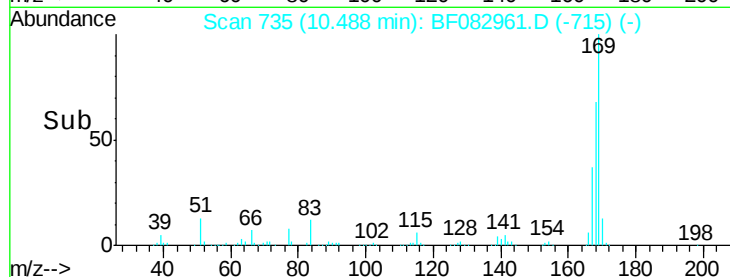
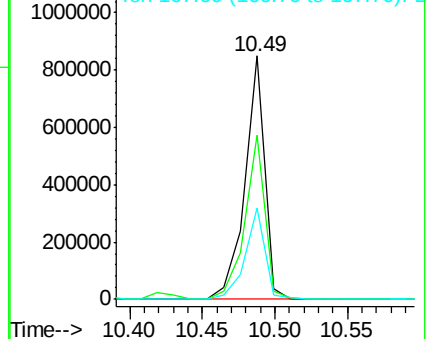
167 37.6 30.5 45.7



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: 25.69 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

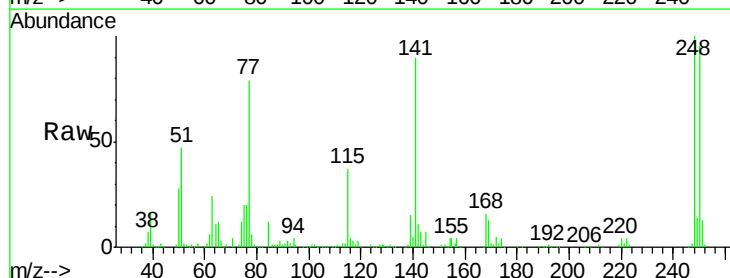
Tgt Ion:248 Resp: 258465

Ion Ratio Lower Upper

248 100

250 95.4 79.4 119.2

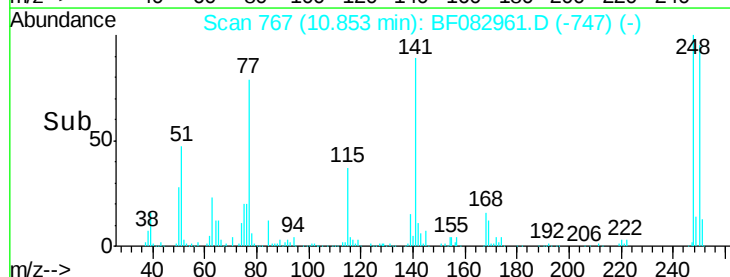
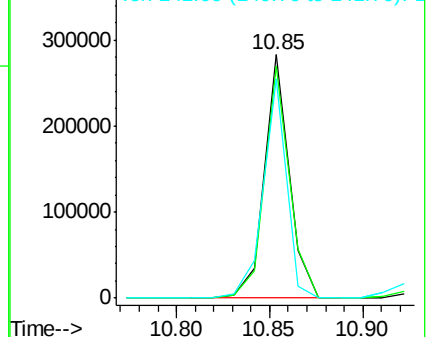
141 90.0 36.3 54.5#

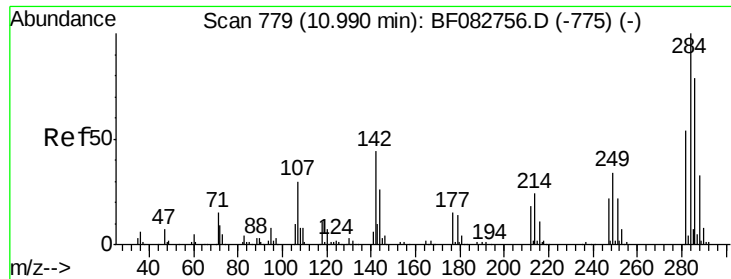


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

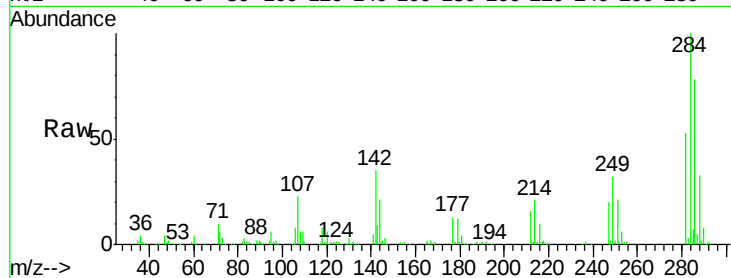




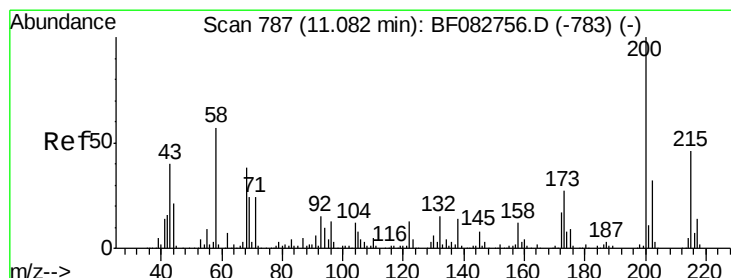
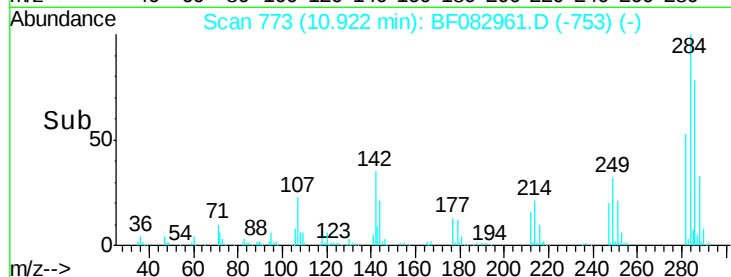
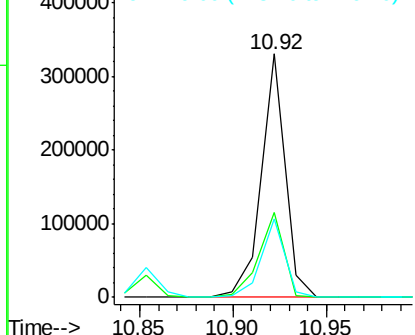
#67
Hexachlorobenzene
Concen: 25.87 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion:284 Resp: 290539
Ion Ratio Lower Upper
284 100
142 35.0 47.9 71.9#
249 32.1 29.7 44.5

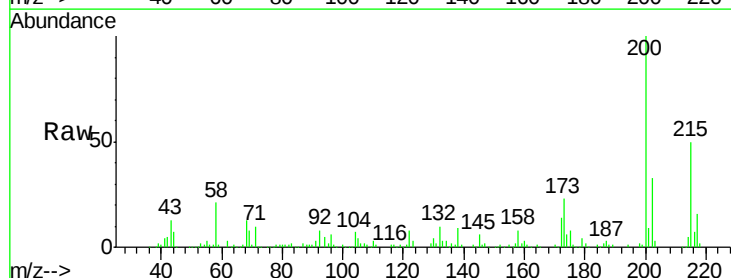


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

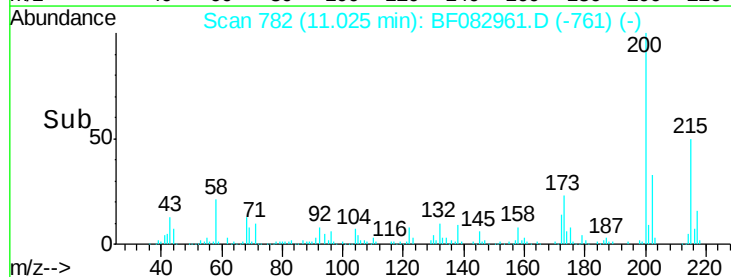
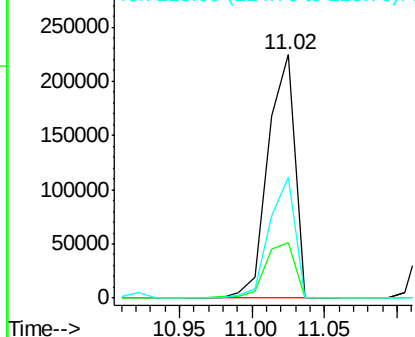


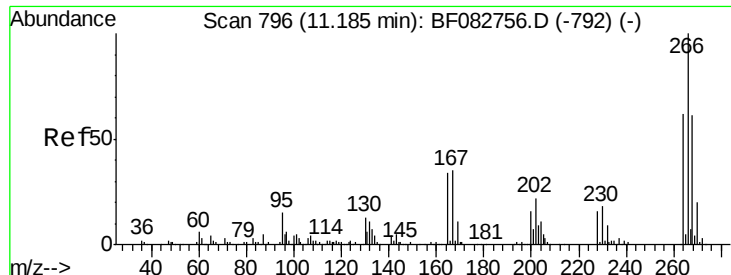
#68
Atrazine
Concen: 30.74 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:200 Resp: 286914
Ion Ratio Lower Upper
200 100
173 23.0 6.9 46.9
215 49.5 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

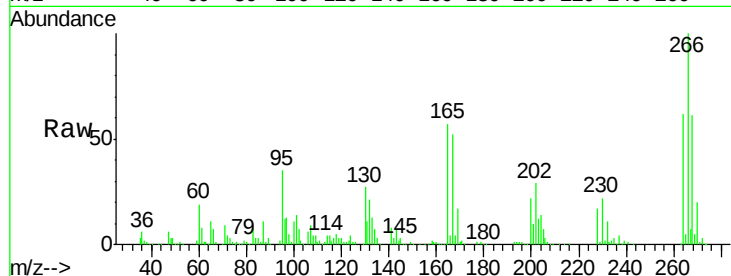




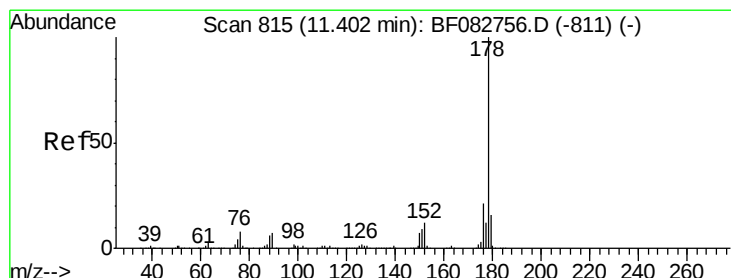
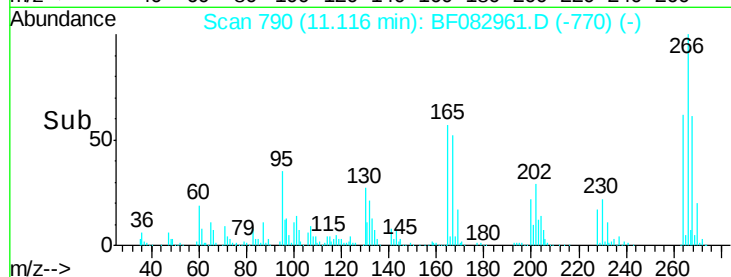
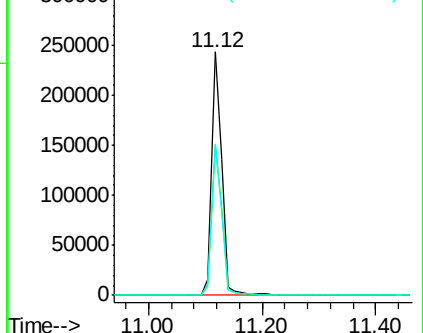
#69
 Pentachlorophenol
 Concen: 42.54 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion:266 Resp: 290145
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.0 76.6
 264 62.2 50.6 75.8

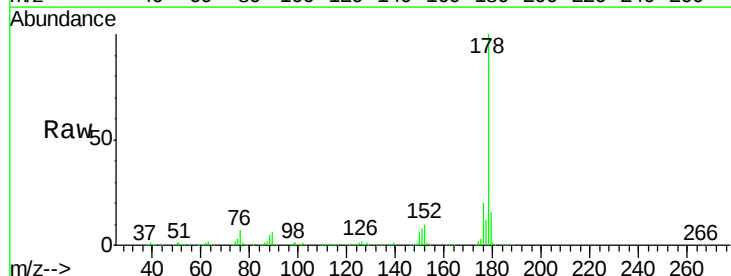


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

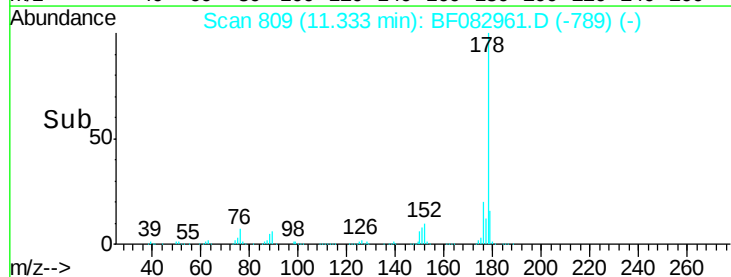
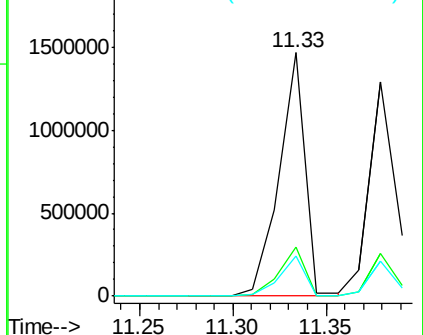


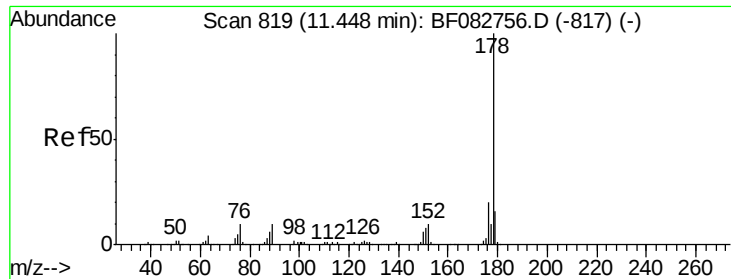
#70
 Phenanthrene
 Concen: 29.32 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:178 Resp: 1422747
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.0 25.4
 179 16.3 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

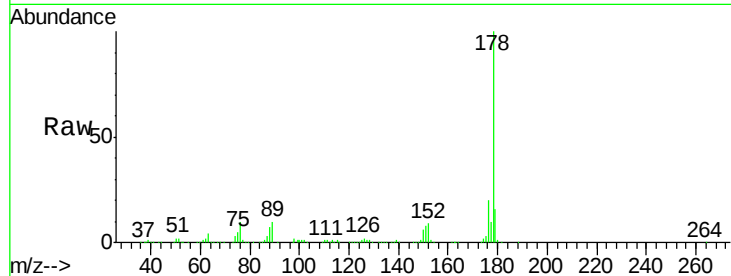




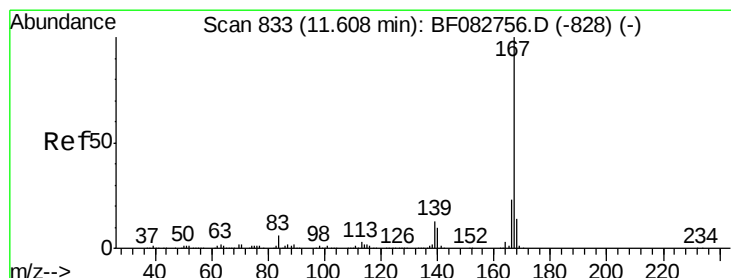
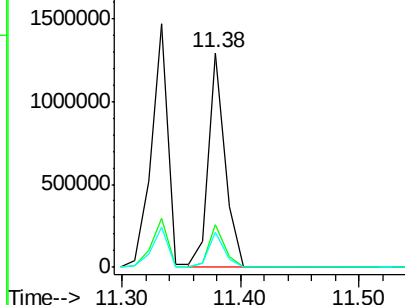
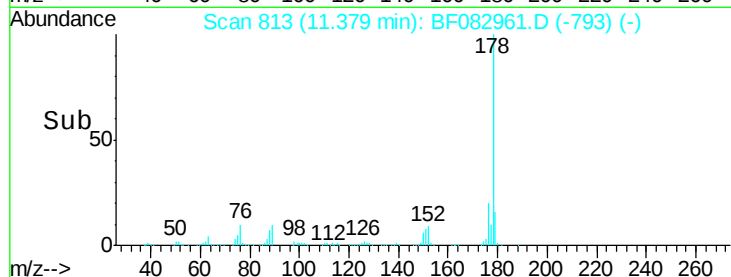
#71
 Anthracene
 Concen: 24.47 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion:178 Resp: 1250499
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.5 24.7
 179 16.5 13.2 19.8

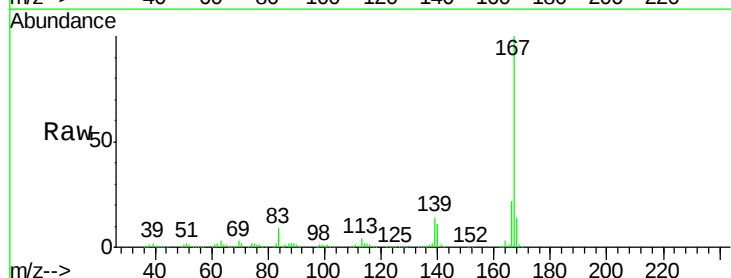


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

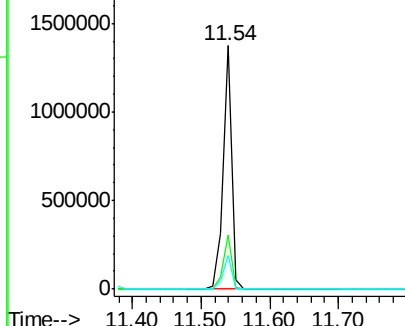
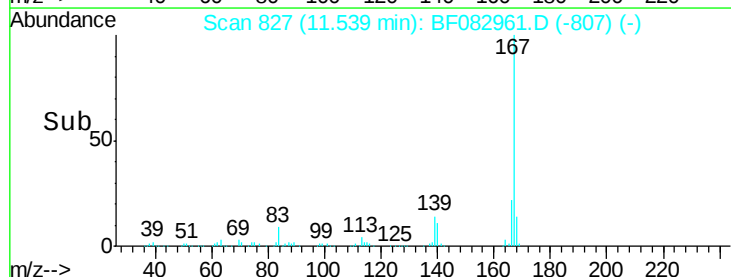


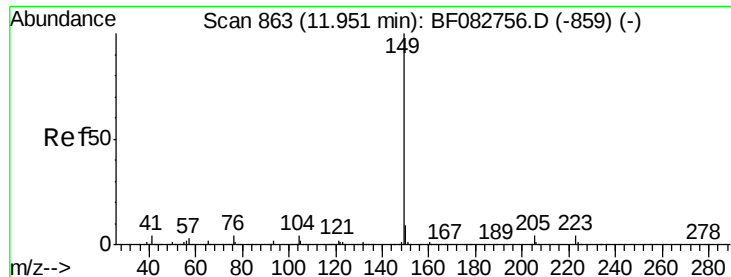
#72
 Carbazole
 Concen: 27.06 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:167 Resp: 1210657
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.7 28.1
 139 14.0 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: 28.45 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

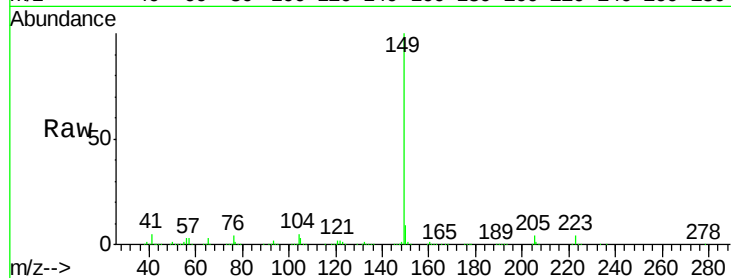
Tot Ion:149 Resp: 1585620

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

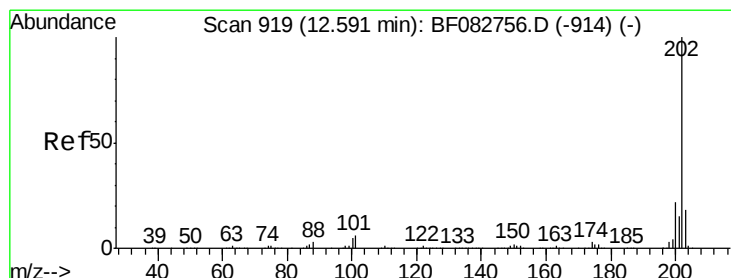
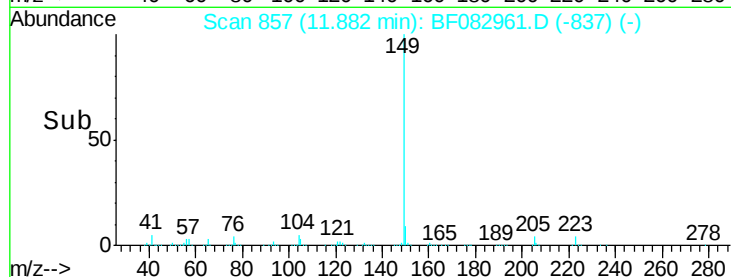
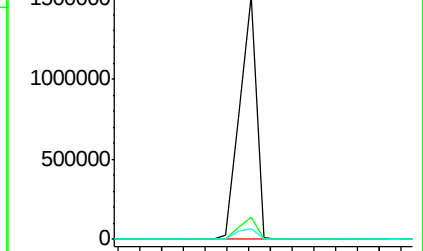
104 4.5 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.19 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

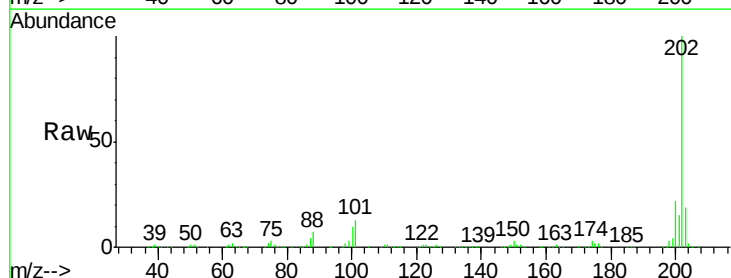
Tgt Ion:202 Resp: 1311383

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.5

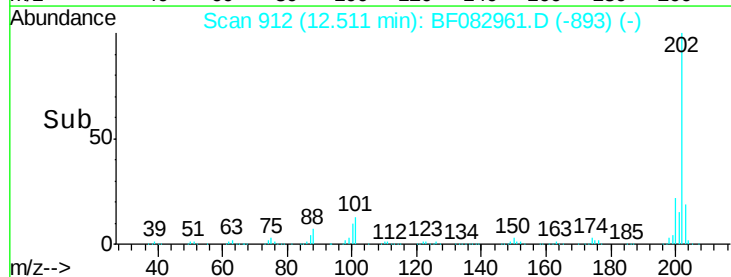
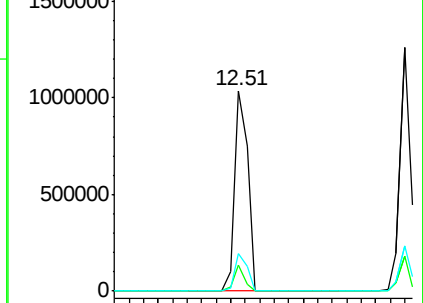
203 18.6 0.0 38.5

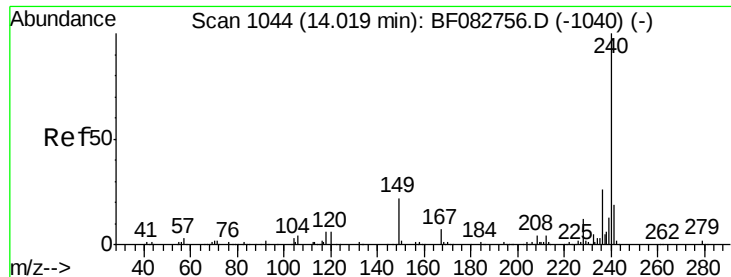


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

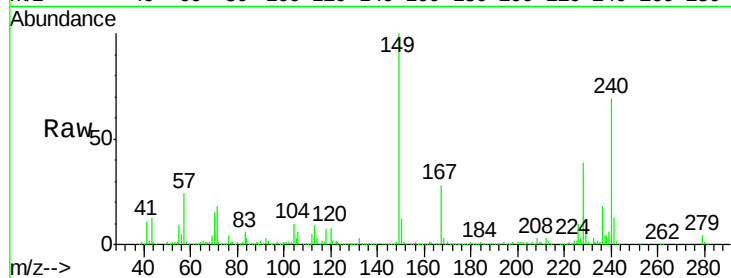
Tot Ion:240 Resp: 618335

Ion Ratio Lower Upper

240 100

120 11.8 10.9 16.3

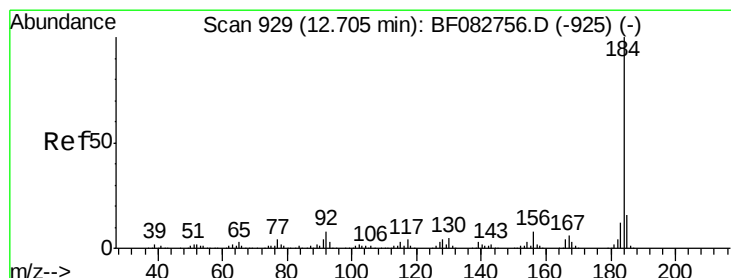
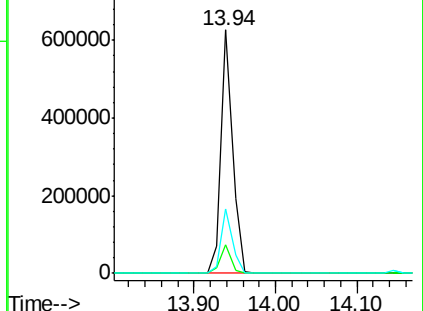
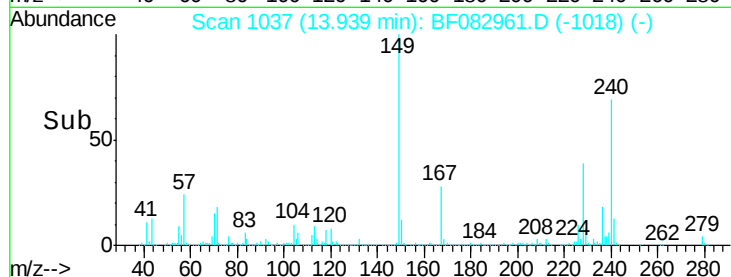
236 26.6 21.6 32.4



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: 21.43 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

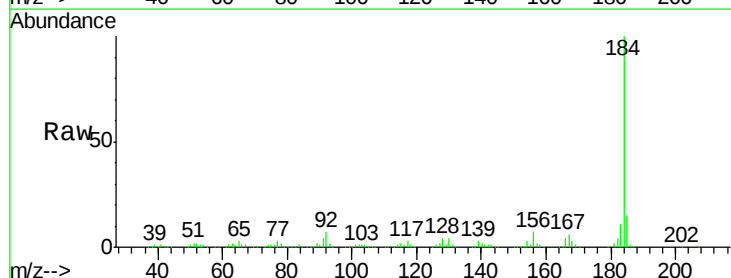
Tgt Ion:184 Resp: 444004

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

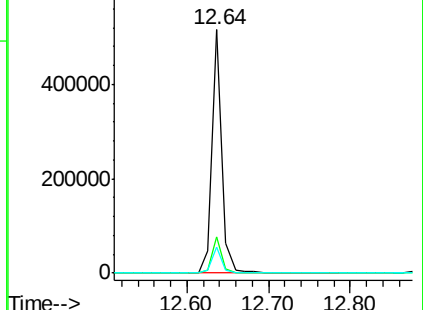
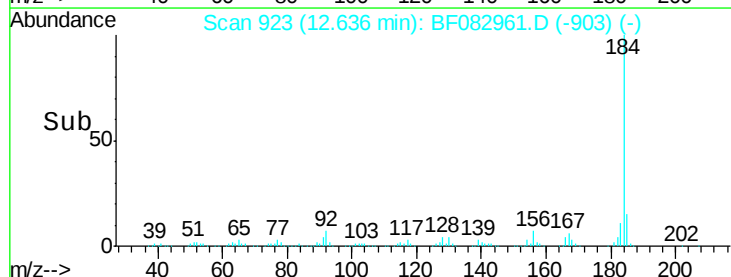
183 10.9 9.6 14.4

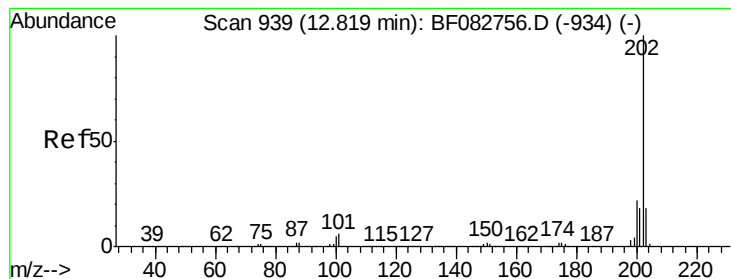


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.03 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

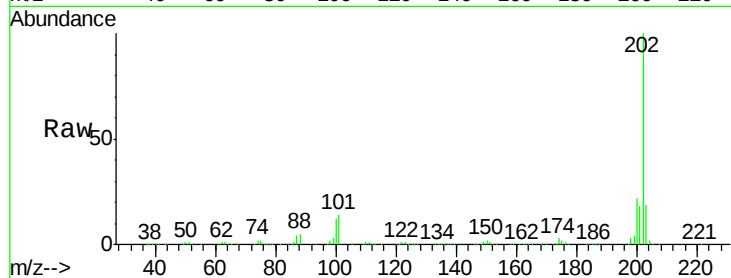
Tot Ion:202 Resp: 1317454

Ion Ratio Lower Upper

202 100

200 22.0 18.7 28.1

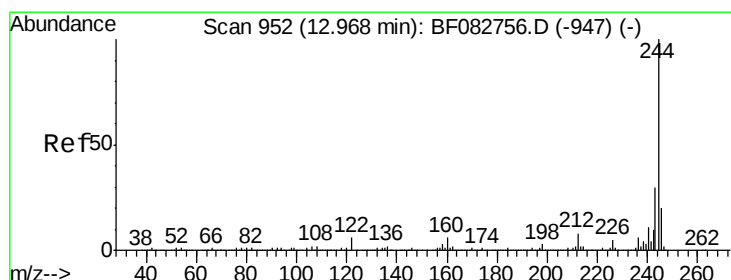
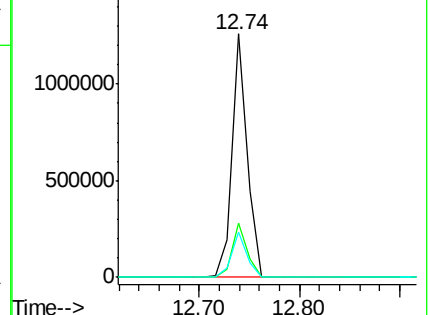
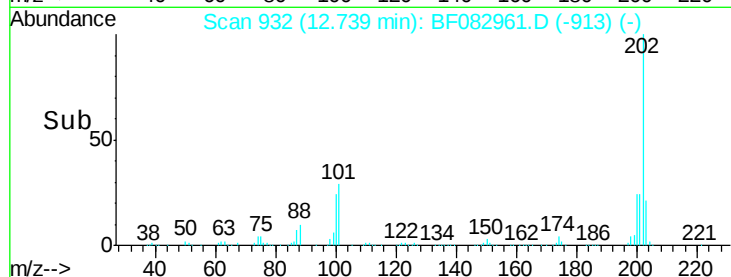
203 18.7 14.8 22.2



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: 66.07 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

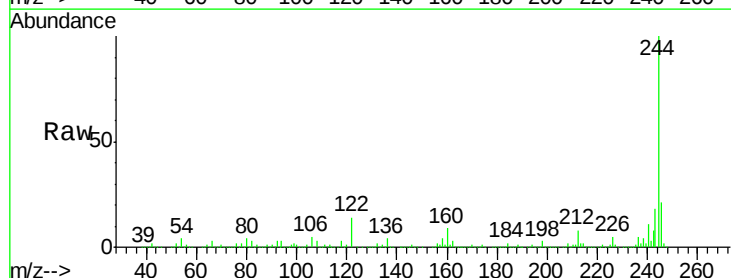
Tgt Ion:244 Resp: 1722421

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

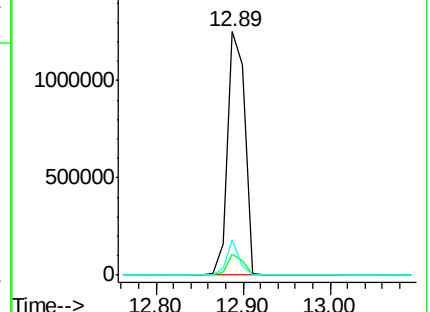
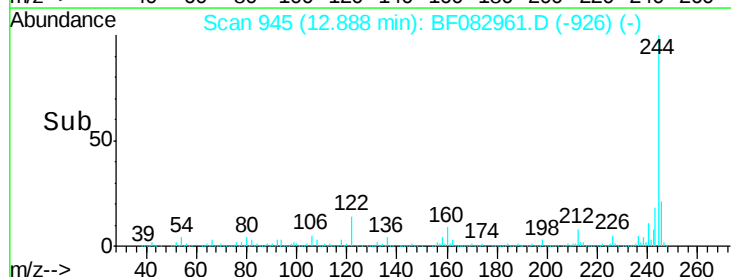
122 14.2 11.3 16.9

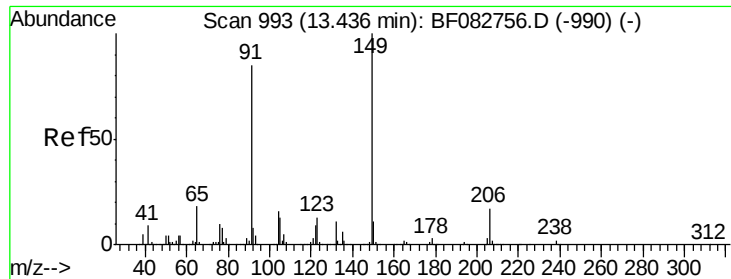


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

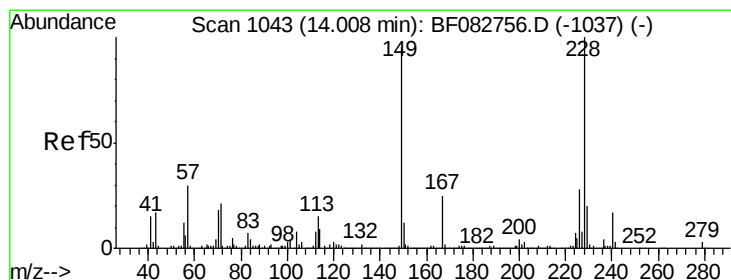
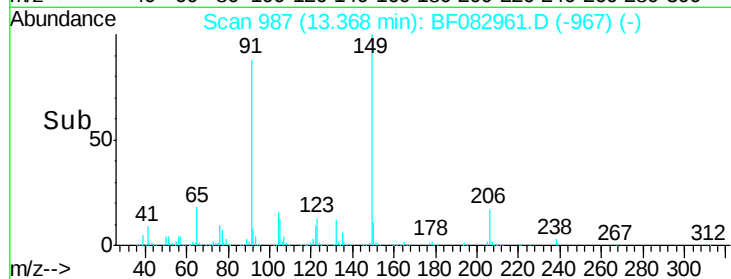
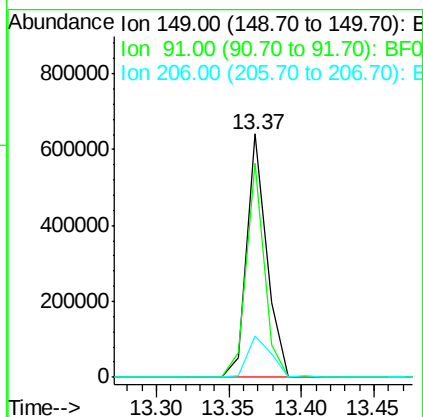
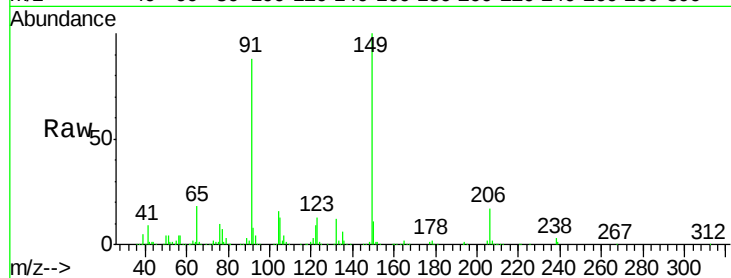




#79
Butylbenzylphthalate
Concen: 32.69 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

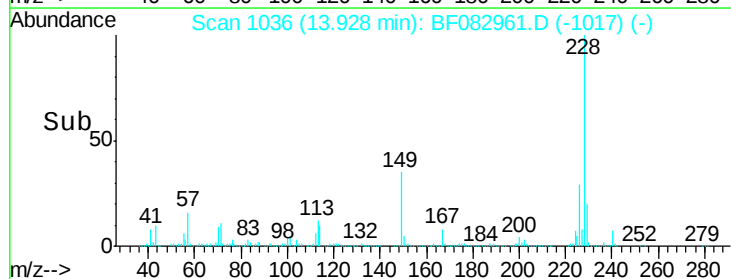
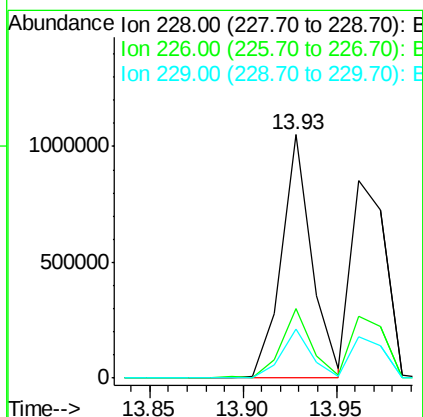
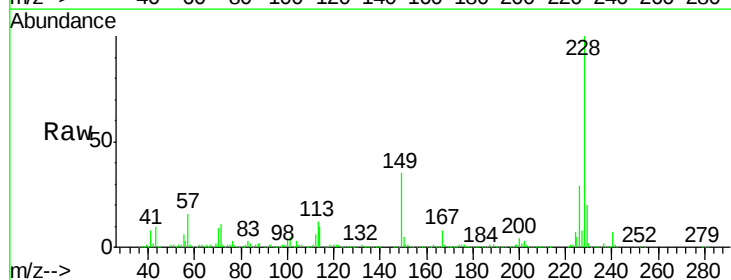
Instrument :
BNA_F
ClientSampleId :
PB86680BS

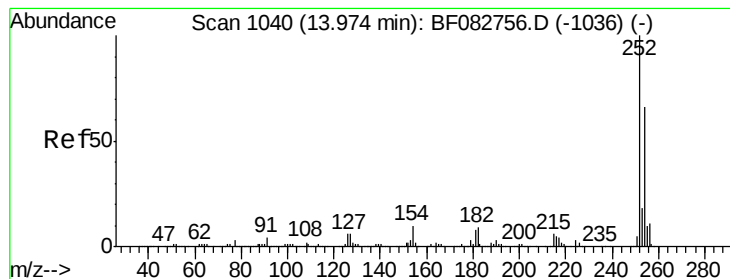
Tot Ion:149 Resp: 613285
Ion Ratio Lower Upper
149 100
91 88.1 67.7 101.5
206 17.1 14.6 22.0



#80
Benzo(a)anthracene
Concen: 30.77 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.08 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:228 Resp: 1189955
Ion Ratio Lower Upper
228 100
226 28.6 23.4 35.2
229 20.2 16.3 24.5

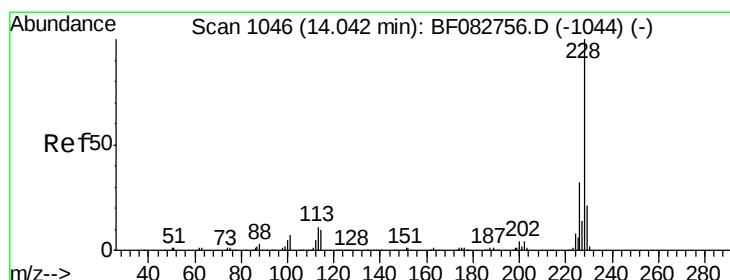
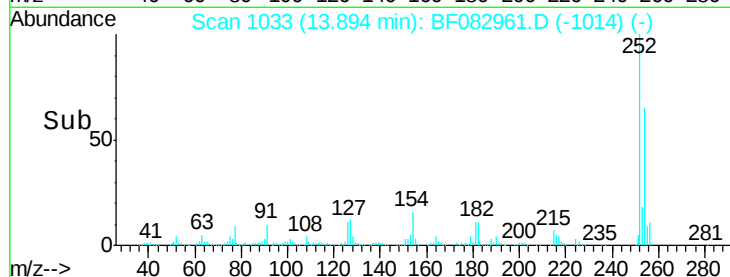
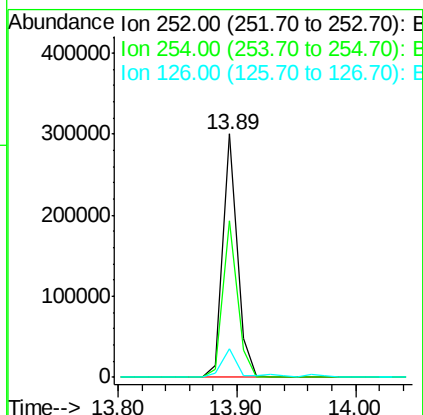
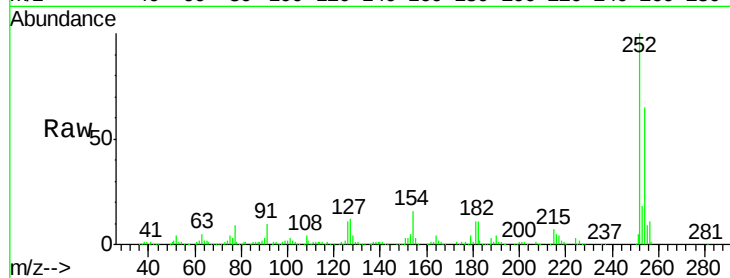




#81
 3,3'-Dichlorobenzidine
 Concen: 18.33 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

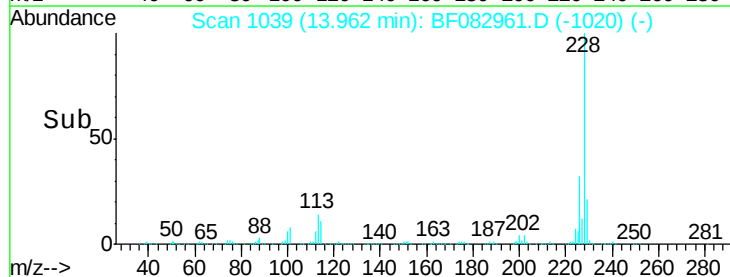
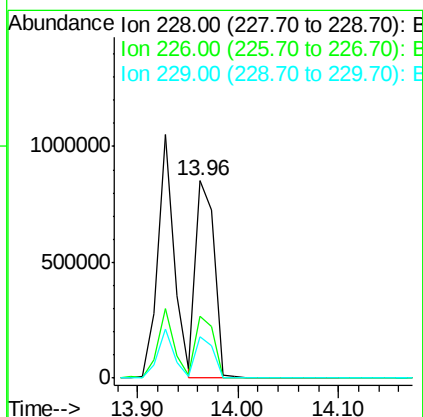
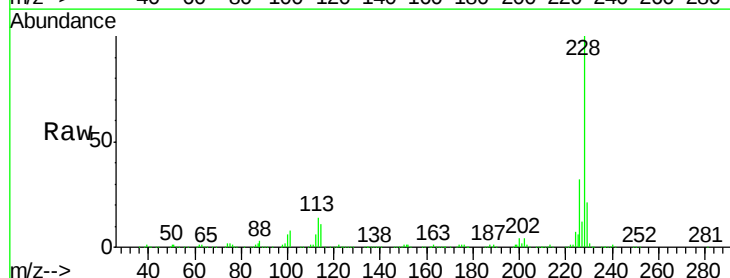
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

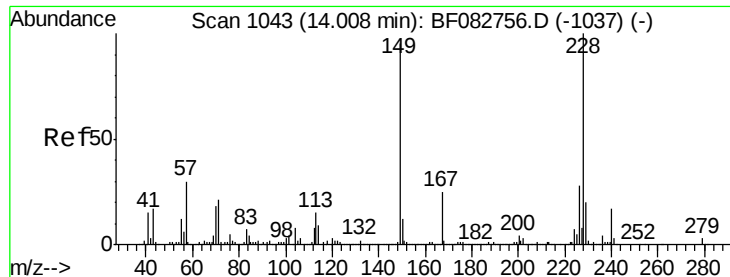
Tot Ion:252 Resp: 251920
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.4 77.0
 126 11.5 10.7 16.1



#82
 Chrysene
 Concen: 31.10 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.08 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:228 Resp: 1101256
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.5 38.3
 229 21.3 16.3 24.5

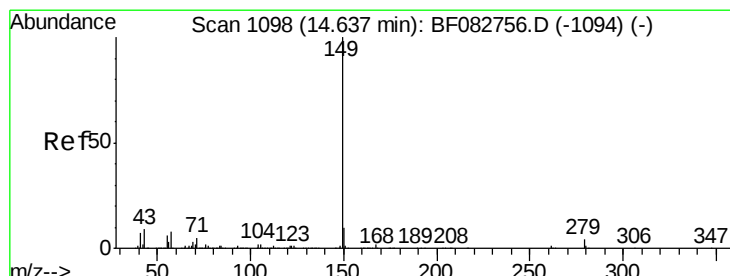
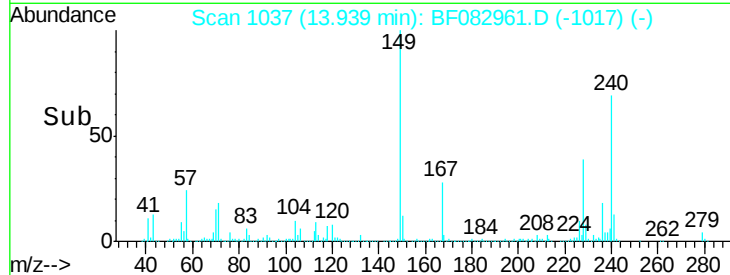
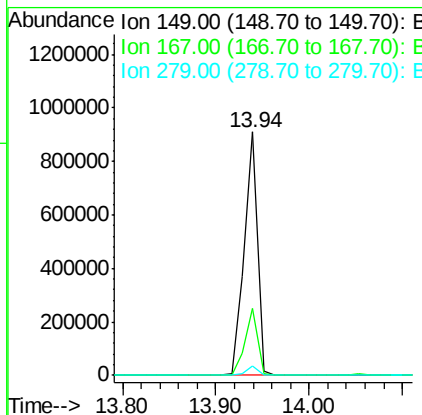
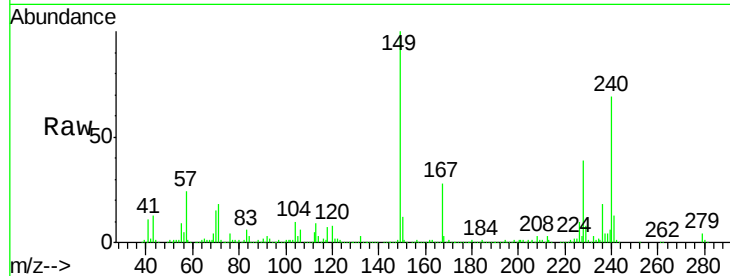




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.03 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

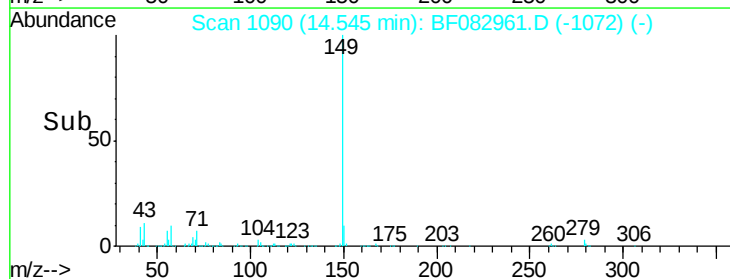
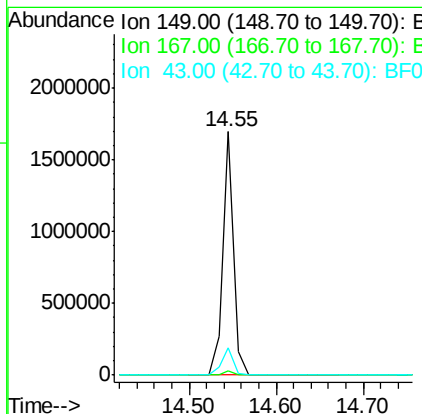
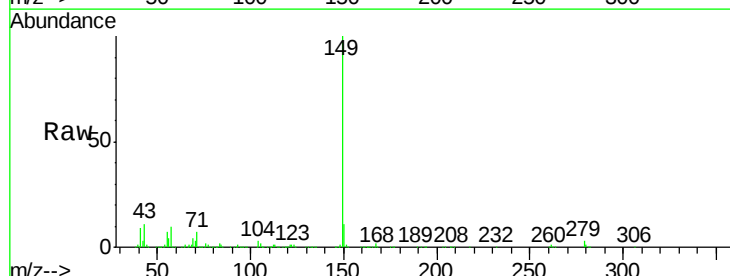
Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

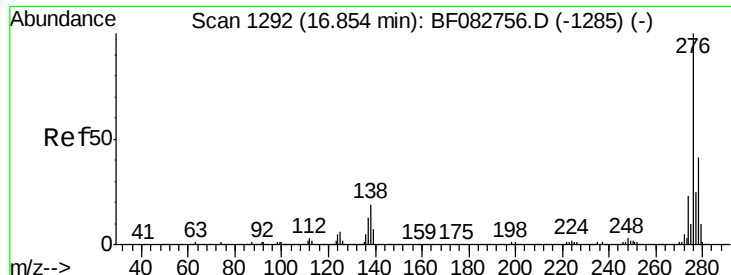
Tot Ion:149 Resp: 899359
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.2 31.8
 279 3.8 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 34.30 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.09 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:149 Resp: 1469244
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.1 10.1 15.1

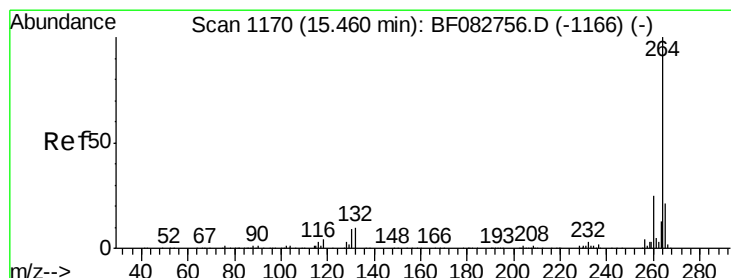
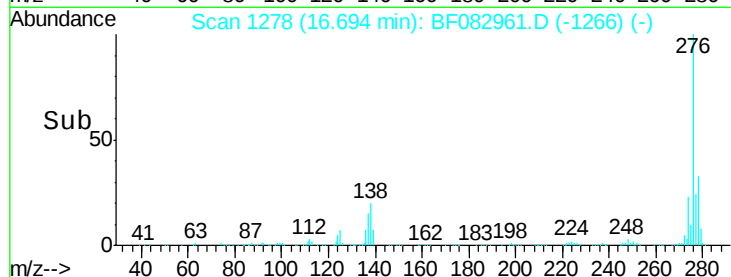
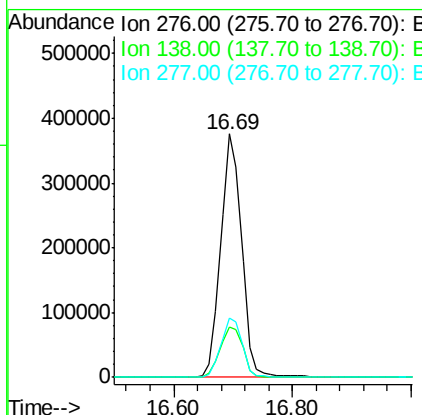
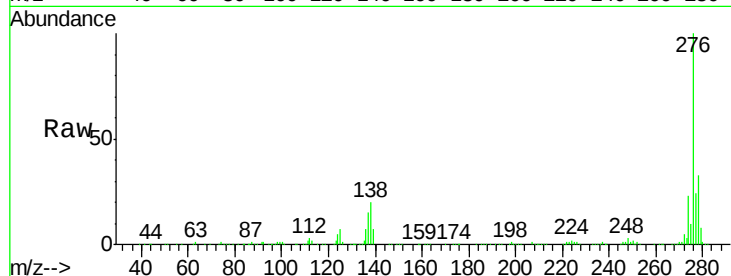




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.15 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.16 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

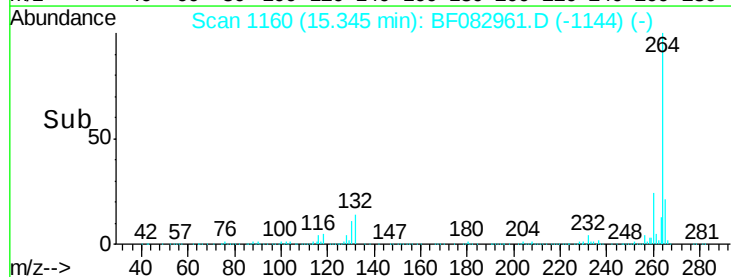
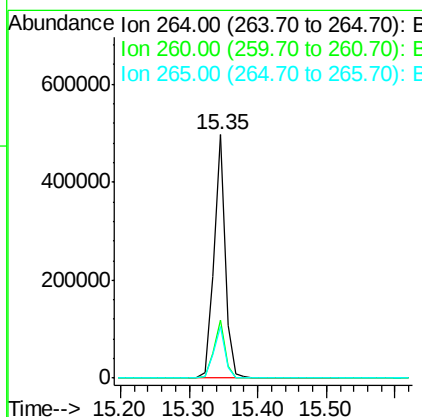
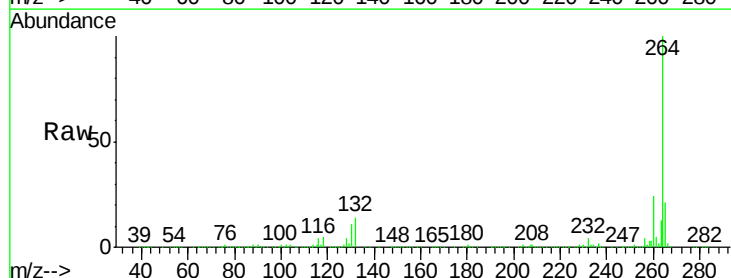
Instrument :
BNA_F
ClientSampleId :
PB86680BS

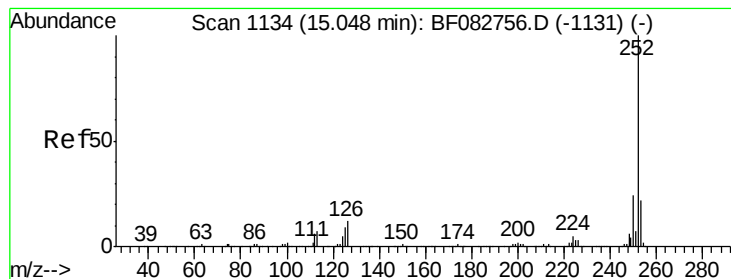
Tot Ion:276 Resp: 919518
Ion Ratio Lower Upper
276 100
138 22.7 15.3 22.9
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.11 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:264 Resp: 578425
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 21.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 54.61 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

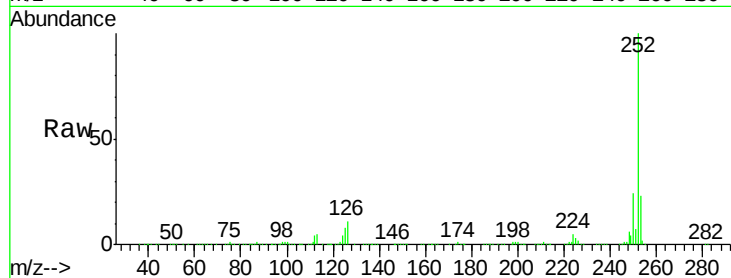
Tot Ion:252 Resp: 2027594

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

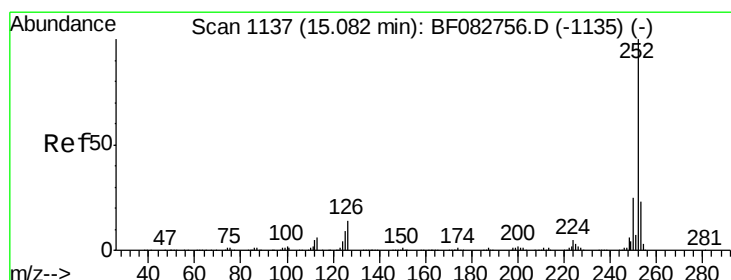
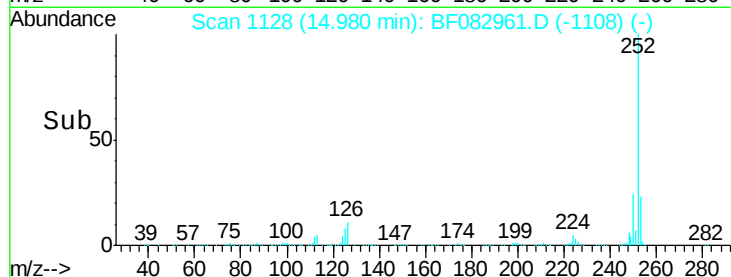
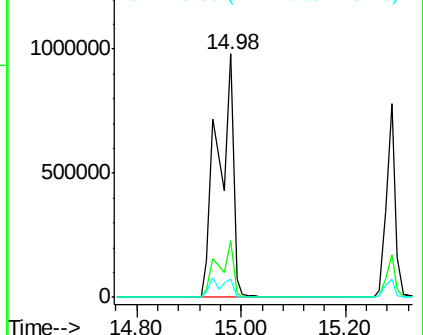
125 7.8 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 61.57 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.10 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

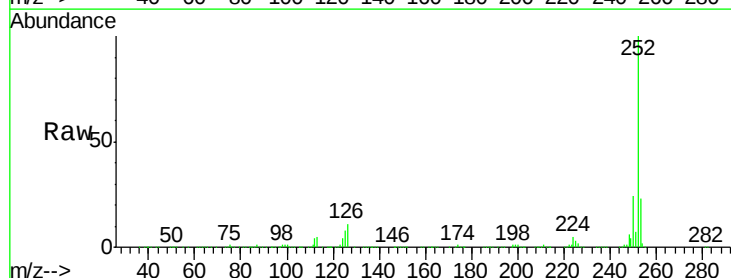
Tgt Ion:252 Resp: 2027912

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

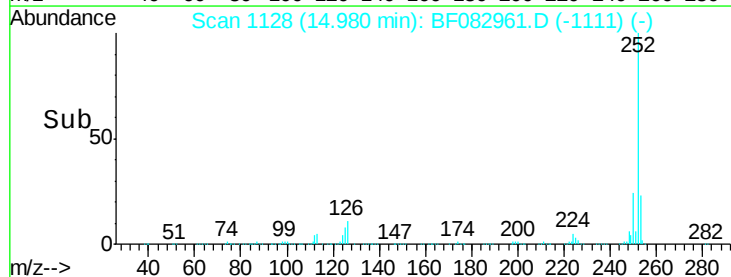
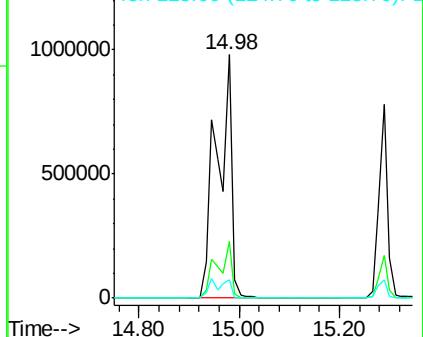
125 7.8 3.5 5.3#

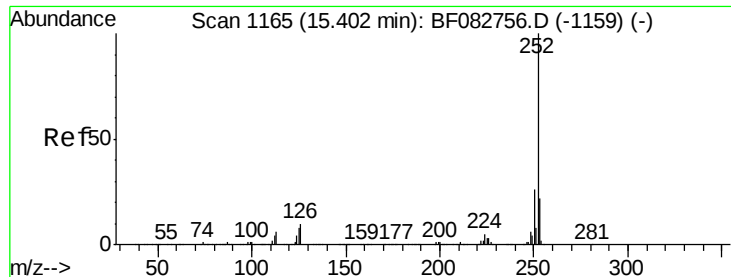


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.77 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.11 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

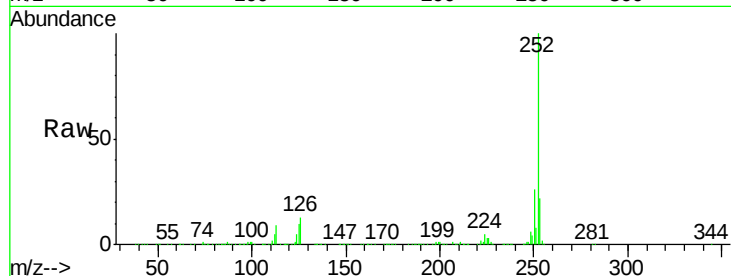
Tot Ion:252 Resp: 925475

Ion Ratio Lower Upper

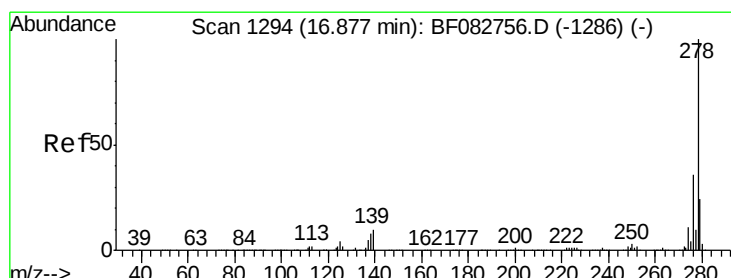
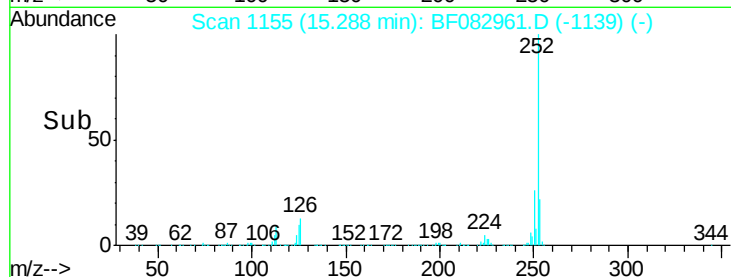
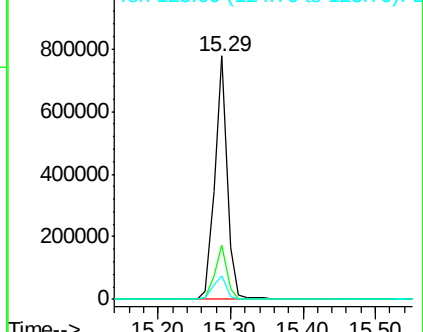
252 100

253 22.3 17.3 25.9

125 9.6 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: 28.44 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.16 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

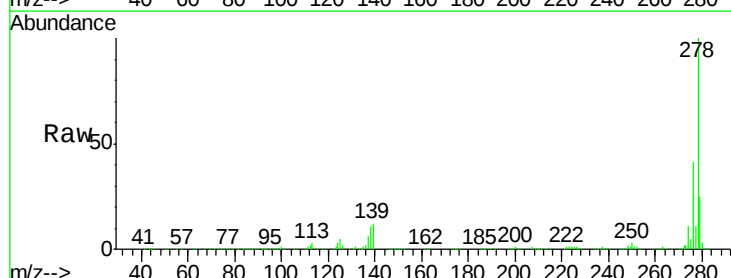
Tgt Ion:278 Resp: 774553

Ion Ratio Lower Upper

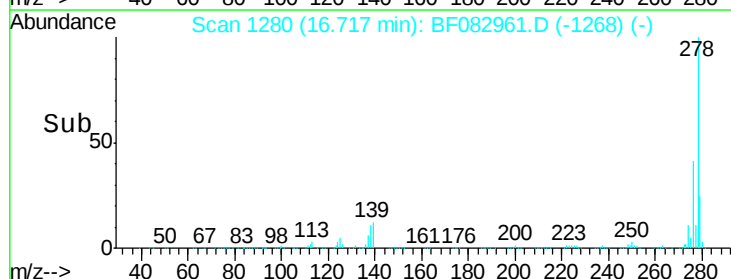
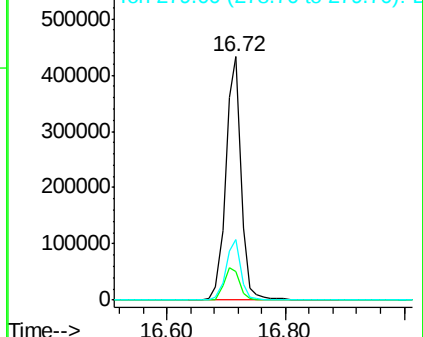
278 100

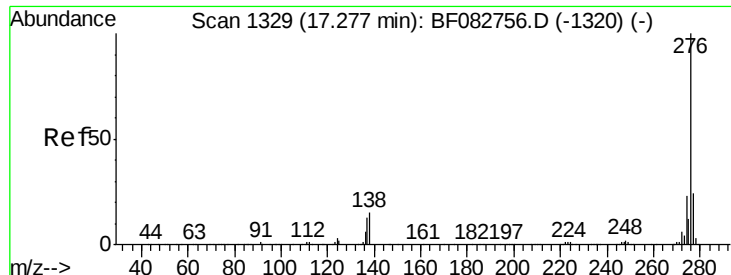
139 12.0 9.9 14.9

279 24.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

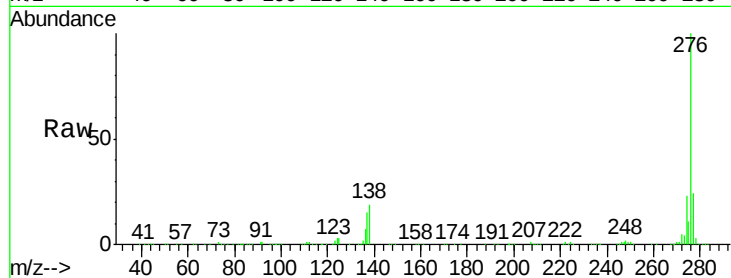




#91
 Benzo(a,h,i)perylene
 Concen: 28.49 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.17 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	19.1	13.1	19.7



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

