

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090160.D
 Acq On : 21 Sep 2016 14:59
 Operator : UM/SJ
 Sample : PB93510BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

Quant Time: Sep 22 06:01:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	173083	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	680508	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	381616	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	568472	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	380057	20.00	ng	-0.01
86) Perylene-d12	14.94	264	341529	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1366226	128.66	ng	0.01
7) Phenol-d6	6.17	99	1650725	125.88	ng	0.00
23) Nitrobenzene-d5	7.08	82	1065218	90.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	387829	118.46	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	1604475	82.54	ng	-0.01
78) Terphenyl-d14	12.59	244	1374853	91.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	201400	34.96	ng	98
3) Pyridine	2.57	79	488388	39.09	ng	99
4) n-Nitrosodimethylamine	2.54	42	190812	51.17	ng	99
6) Aniline	6.17	93	465172	28.46	ng	93
8) 2-Chlorophenol	6.30	128	547002	44.77	ng	84
9) Benzaldehyde	6.04	77	50253	8.79	ng	94
10) Phenol	6.18	94	666048	42.96	ng	# 72
11) bis(2-Chloroethyl)ether	6.26	93	535912	44.33	ng	89
12) 1,3-Dichlorobenzene	6.44	146	560304	43.90	ng	99
13) 1,4-Dichlorobenzene	6.52	146	566379	43.46	ng	100
14) 1,2-Dichlorobenzene	6.67	146	447789m	38.57	ng	
15) Benzyl Alcohol	6.67	79	388944	49.74	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.81	45	647274	44.81	ng	95
17) 2-Methylphenol	6.80	107	461817	47.99	ng	94
18) Hexachloroethane	7.02	117	198597	42.72	ng	98
19) n-Nitroso-di-n-propylamine	6.95	70	362184	47.02	ng	100
20) 3+4-Methylphenols	6.95	107	544029	47.09	ng	95
22) Acetophenone	6.94	105	693929	42.29	ng	# 99
24) Nitrobenzene	7.10	77	512182	41.87	ng	97
25) Isophorone	7.35	82	1091195	44.49	ng	99
26) 2-Nitrophenol	7.42	139	278074	46.17	ng	98
27) 2,4-Dimethylphenol	7.47	122	465770	43.53	ng	98
28) bis(2-Chloroethoxy)methane	7.56	93	669024	45.09	ng	99
29) 2,4-Dichlorophenol	7.67	162	453713	48.34	ng	95
30) 1,2,4-Trichlorobenzene	7.75	180	432699	46.15	ng	95
31) Naphthalene	7.82	128	1442900	44.53	ng	100
32) Benzoic acid	7.63	122	296196	40.32	ng	95
33) 4-Chloroaniline	7.87	127	273147	20.32	ng	99
34) Hexachlorobutadiene	7.94	225	214696	43.41	ng	99
35) Caprolactam	8.26	113	155548m	50.07	ng	
36) 4-Chloro-3-methylphenol	8.38	107	466027	43.93	ng	98
37) 2-Methylnaphthalene	8.51	142	1011128	50.18	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	300795	34.34	ng	99
40) Hexachlorocyclopentadiene	8.66	237	348998	80.74	ng	100

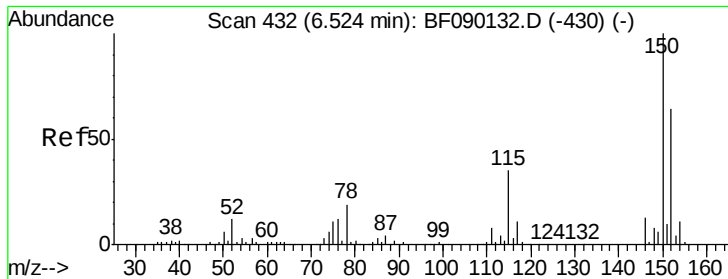
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	283226	45.37	nq	98
43) 2,4,5-Trichlorophenol	8.84	196	309354	47.86	nq	97
45) 1,1'-Biphenyl	8.97	154	1014743	37.17	nq	99
46) 2-Chloronaphthalene	8.99	162	848770	42.14	nq	99
47) 2-Nitroaniline	9.10	65	281832	46.41	nq	87
48) Acenaphthylene	9.40	152	1369627	41.87	nq	99
49) Dimethylphthalate	9.29	163	988251	40.66	nq	99
50) 2,6-Dinitrotoluene	9.35	165	262739	48.50	nq	# 77
51) Acenaphthene	9.58	154	841404	43.34	nq	100
52) 3-Nitroaniline	9.51	138	190834	30.05	nq	95
53) 2,4-Dinitrophenol	9.62	184	262574	86.39	nq	# 86
54) Dibenzofuran	9.75	168	1091374	42.71	nq	95
55) 4-Nitrophenol	9.69	139	338625	77.82	nq	84
56) 2,4-Dinitrotoluene	9.75	165	296538	46.29	nq	89
57) Fluorene	10.09	166	904927	46.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	236183	48.81	nq	96
59) Diethylphthalate	9.99	149	1002782	42.72	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	359809	40.98	nq	# 82
61) 4-Nitroaniline	10.12	138	284609	43.96	nq	91
62) Azobenzene	10.24	77	1134873	46.45	nq	98
64) 4,6-Dinitro-2-methylphenol	10.15	198	150131	42.16	nq	# 57
65) n-Nitrosodiphenylamine	10.20	169	848016	45.36	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	260758	46.61	nq	# 91
67) Hexachlorobenzene	10.63	284	278481	42.71	nq	95
68) Atrazine	10.74	200	224522	43.83	nq	96
69) Pentachlorophenol	10.82	266	303397	81.99	nq	98
70) Phenanthrene	11.04	178	1370160	51.54	nq	98
71) Anthracene	11.08	178	1272768	45.65	nq	99
72) Carbazole	11.24	167	1309279	44.42	nq	99
73) Di-n-butylphthalate	11.60	149	1684325	49.14	nq	# 98
74) Fluoranthene	12.21	202	1189837	41.69	nq	100
76) Benzidine	12.34	184	329084	25.87	nq	96
77) Pyrene	12.43	202	1277817	49.13	nq	100
79) Butylbenzylphthalate	13.07	149	624839	49.12	nq	90
80) Benzo(a)anthracene	13.61	228	927319	45.35	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	254190	30.14	nq	# 98
82) Chrysene	13.65	228	767002m	38.51	nq	
83) Bis(2-ethylhexyl)phthalate	13.63	149	716296	44.00	nq	100
84) Di-n-octyl phthalate	14.24	149	1294027	46.14	nq	97
85) Indeno(1,2,3-cd)pyrene	16.10	276	965713	59.97	nq	97
87) Benzo(b)fluoranthene	14.59	252	1146190m	60.61	nq	
88) Benzo(k)fluoranthene	14.63	252	572947m	32.28	nq	
89) Benzo(a)pyrene	14.89	252	832972	46.82	nq	# 96
90) Dibenzo(a,h)anthracene	16.13	278	807303	58.15	nq	96
91) Benzo(g,h,i)perylene	16.46	276	825590	60.76	nq	# 92

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

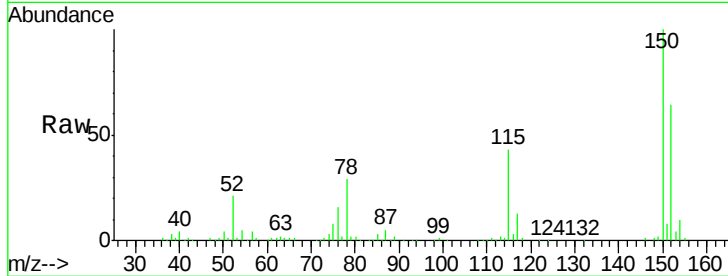


#1

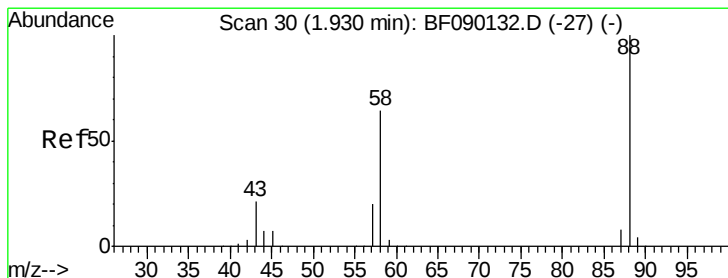
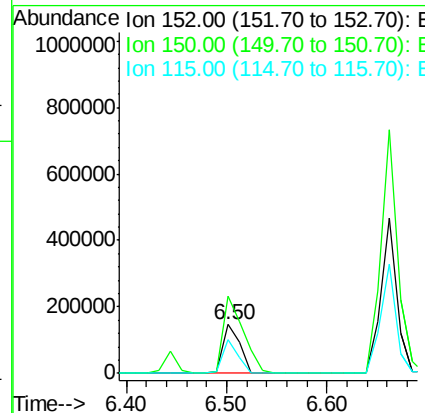
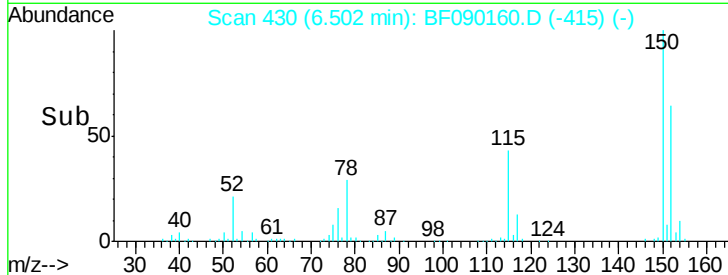
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB93510BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.9	193.3
115	68.0	55.5	83.3



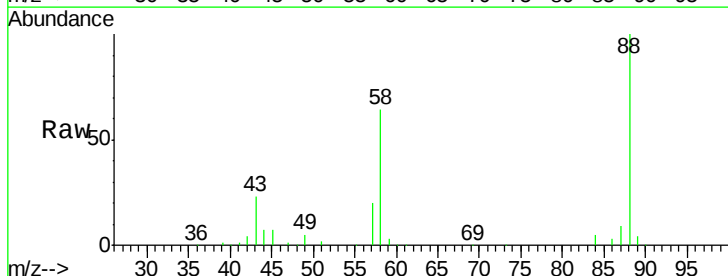
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



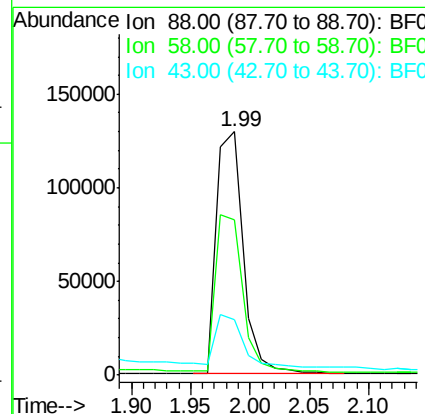
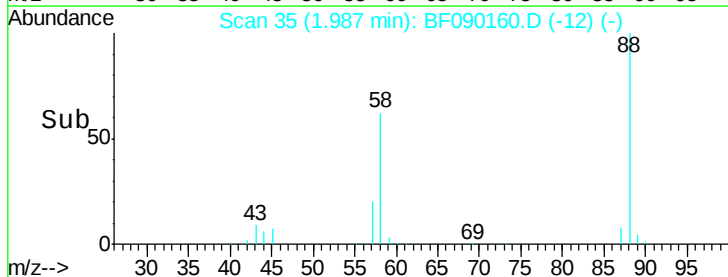
#2

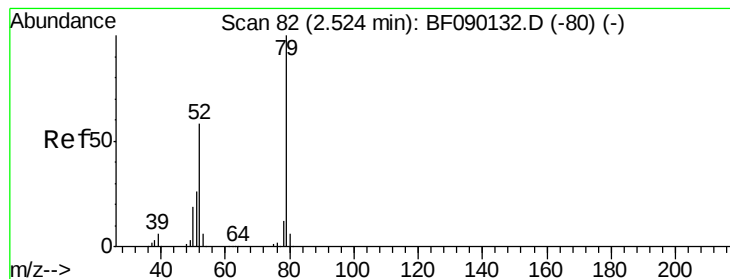
1,4-Dioxane
Concen: 34.96 ng
RT: 1.99 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.7	53.4	80.0
43	21.9	16.5	24.7



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: 39.09 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

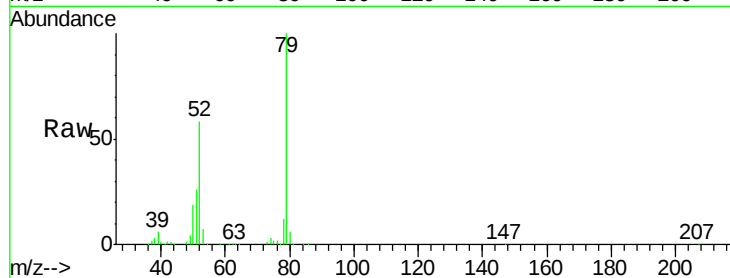
Tot Ion: 79 Resp: 488388

Ion Ratio Lower Upper

79 100

52 58.1 45.9 68.9

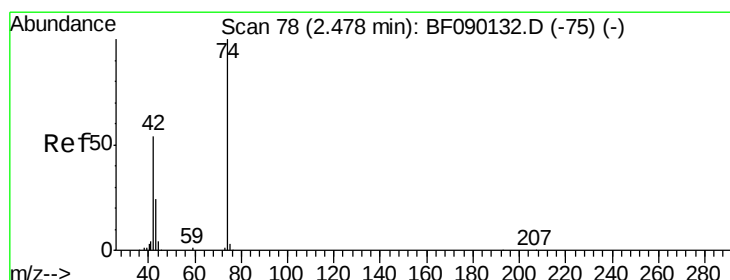
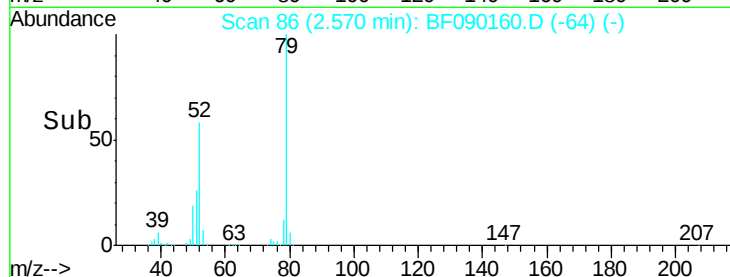
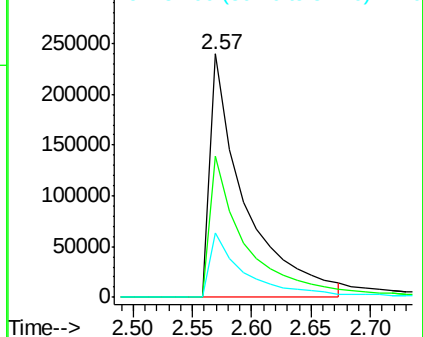
51 26.4 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 51.17 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.06 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

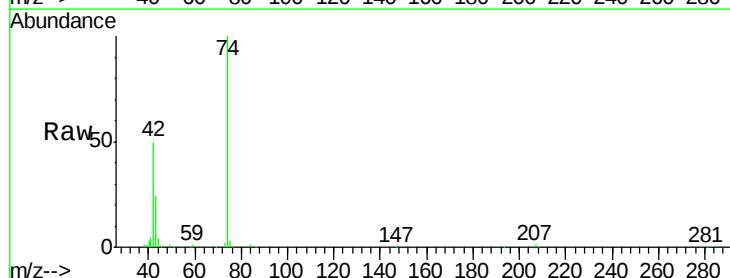
Tgt Ion: 42 Resp: 190812

Ion Ratio Lower Upper

42 100

74 200.1 158.7 238.1

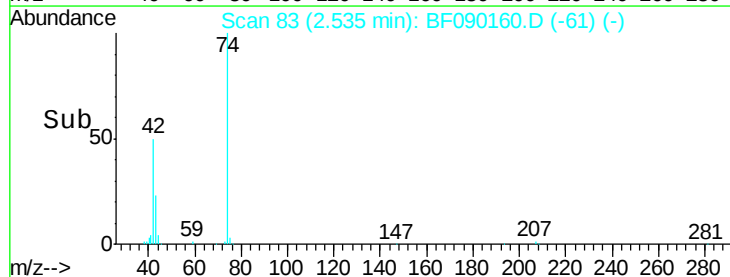
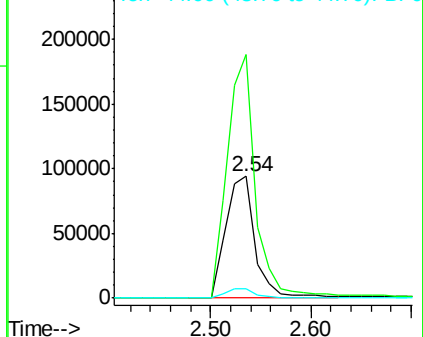
44 8.1 6.4 9.6

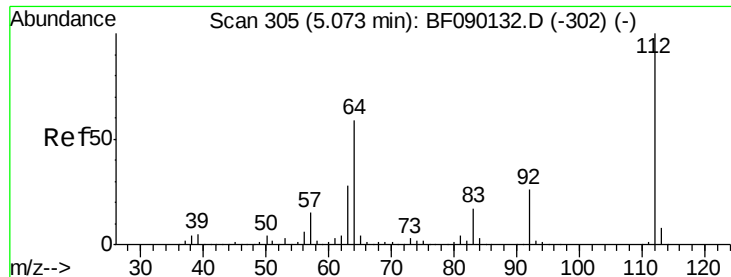


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.66 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

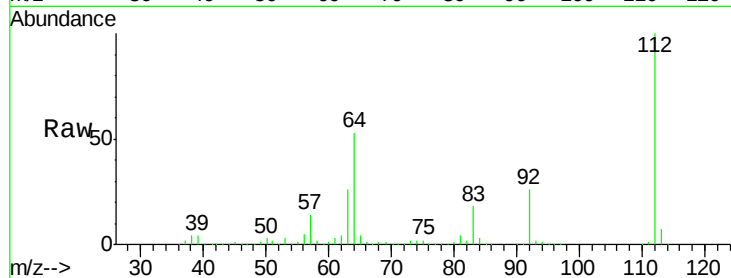
Tot Ion:112 Resp: 1366226

Ion Ratio Lower Upper

112 100

64 52.5 39.8 59.6

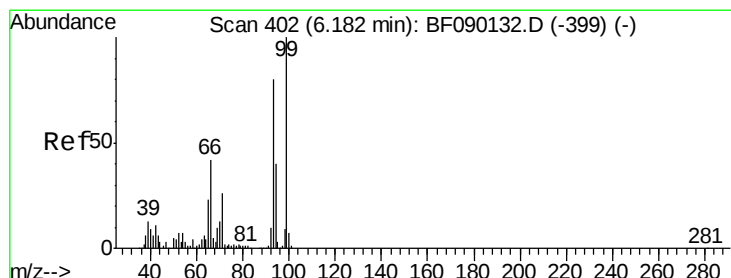
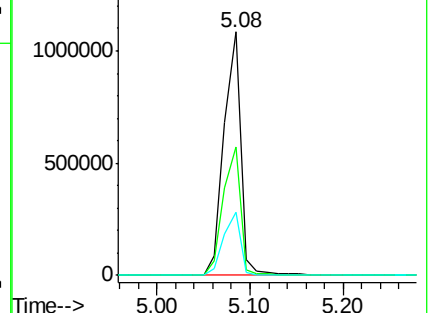
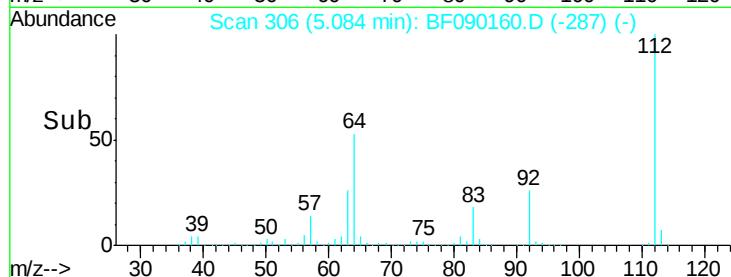
63 25.7 18.9 28.3



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: 28.46 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

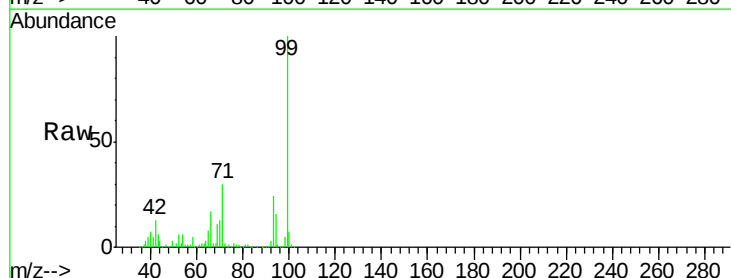
Tgt Ion: 93 Resp: 465172

Ion Ratio Lower Upper

93 100

66 70.2 54.2 81.2

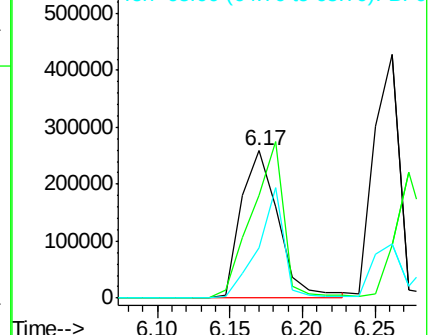
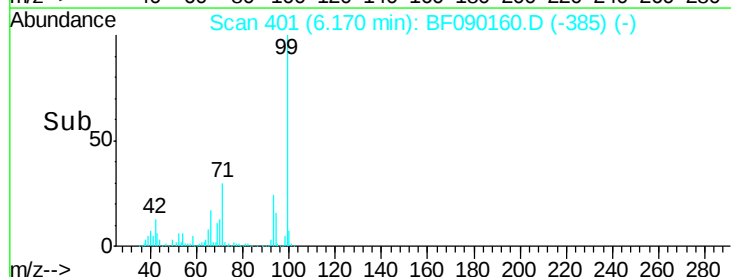
65 34.1 33.8 50.6

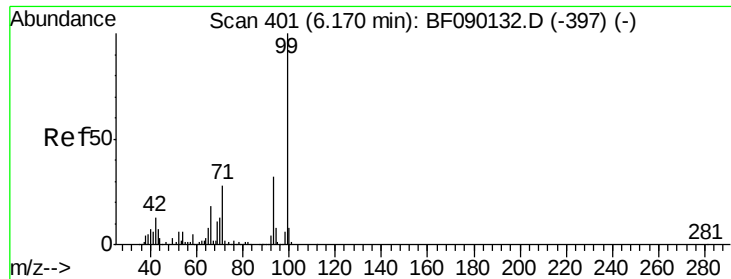


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.88 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

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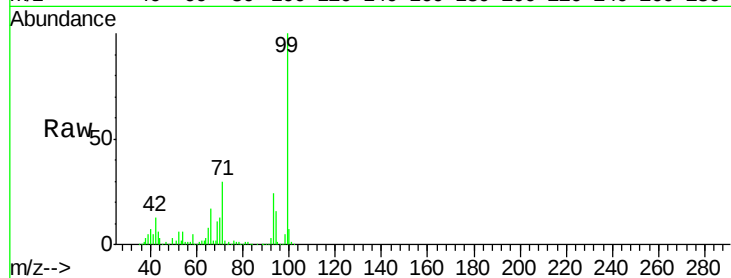
Tot Ion: 99 Resp: 1650725

Ion Ratio Lower Upper

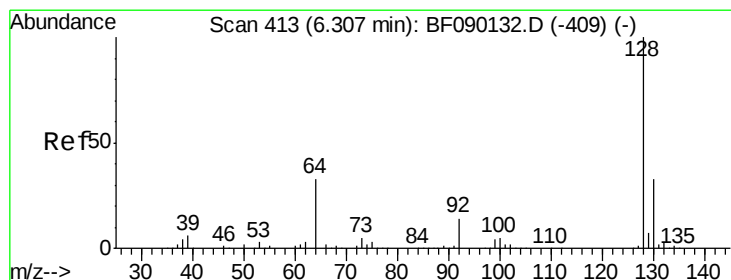
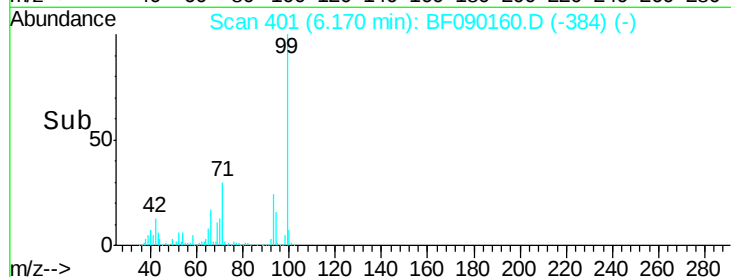
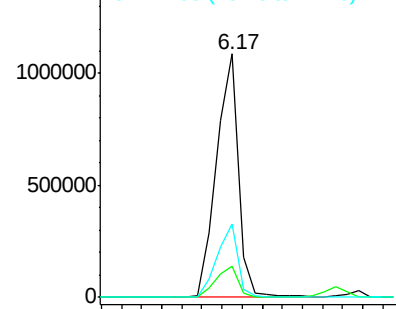
99 100

42 12.8 10.6 15.8

71 30.2 23.0 34.6



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: 44.77 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

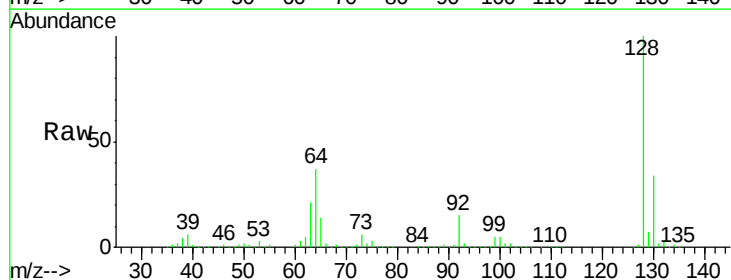
Tgt Ion: 128 Resp: 547002

Ion Ratio Lower Upper

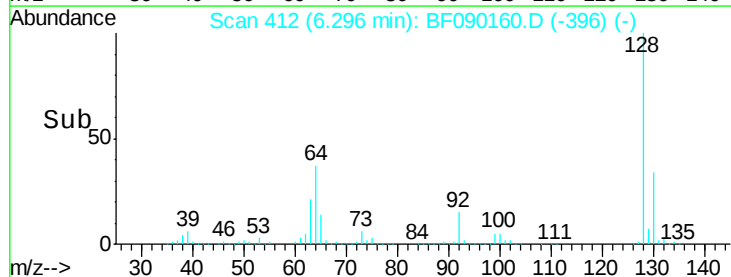
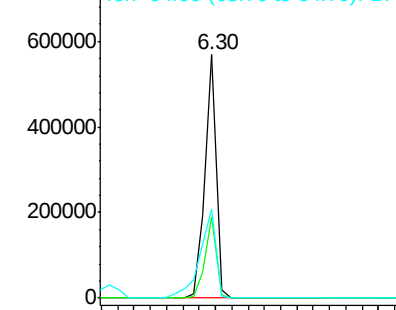
128 100

130 33.5 12.0 52.0

64 36.5 33.6 73.6



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: 8.79 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampled :

PB93510BS

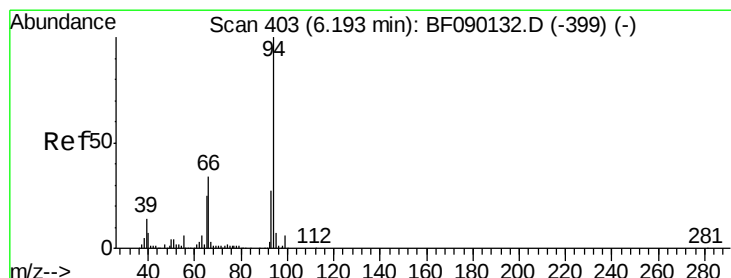
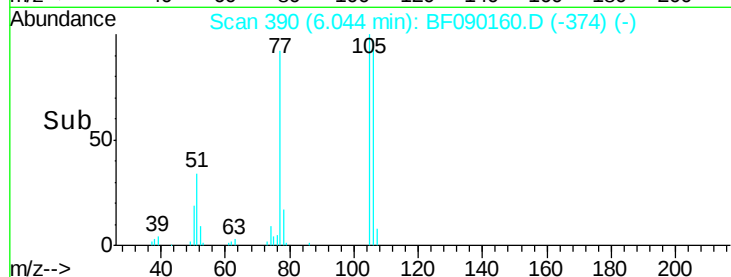
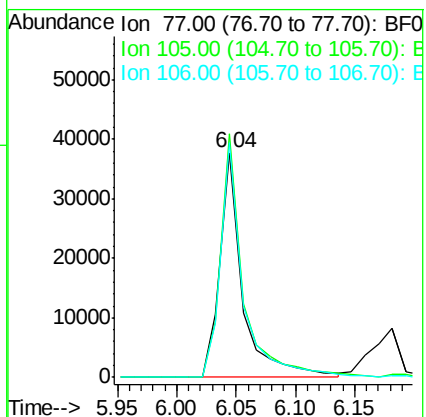
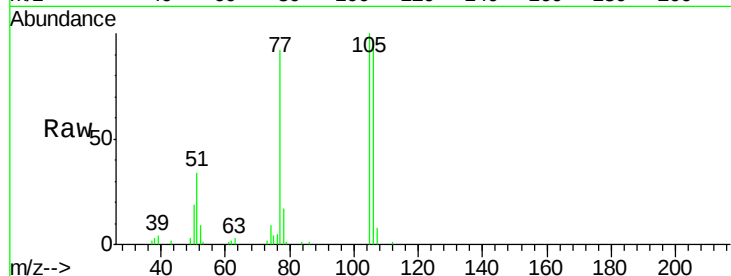
Tot Ion: 77 Resp: 50253

Ion Ratio Lower Upper

77 100

105 108.2 83.0 123.0

106 104.6 78.5 118.5



#10

Phenol

Concen: 42.96 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

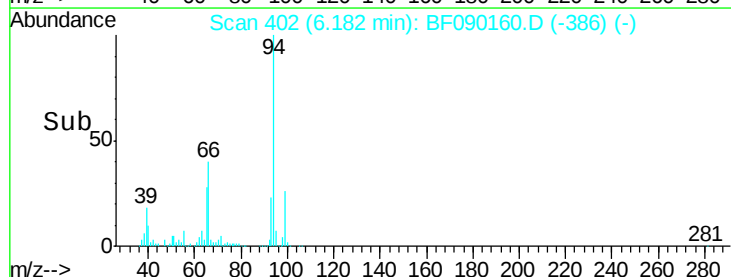
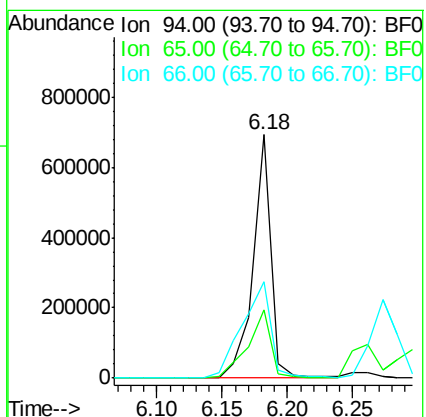
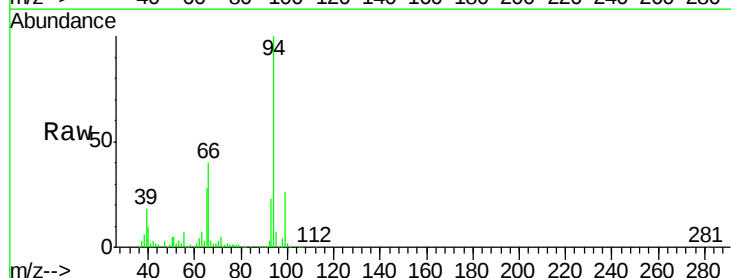
Tgt Ion: 94 Resp: 666048

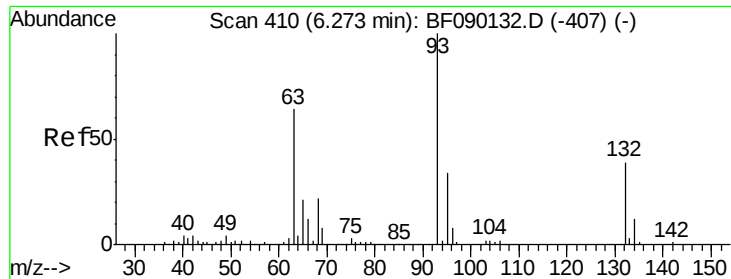
Ion Ratio Lower Upper

94 100

65 28.1 20.6 60.6

66 39.5 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 44.33 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampled :

PB93510BS

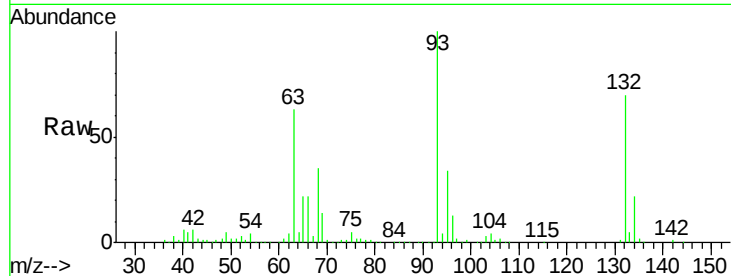
Tot Ion: 93 Resp: 535912

Ion Ratio Lower Upper

93 100

63 62.8 55.6 95.6

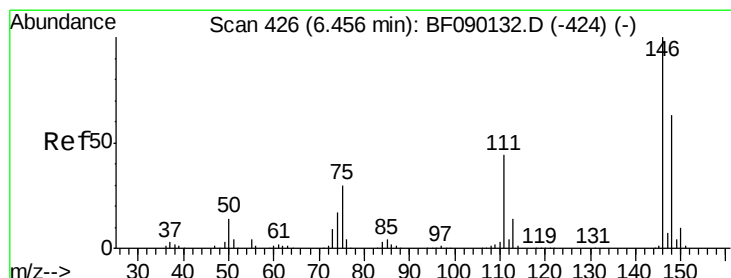
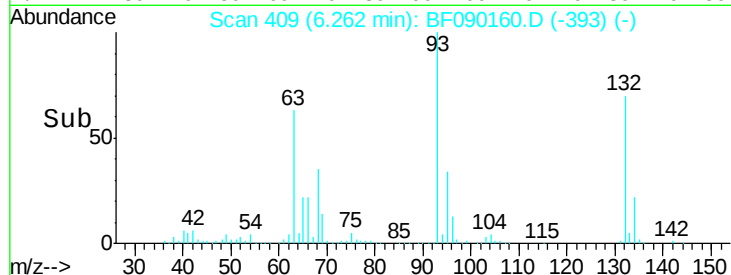
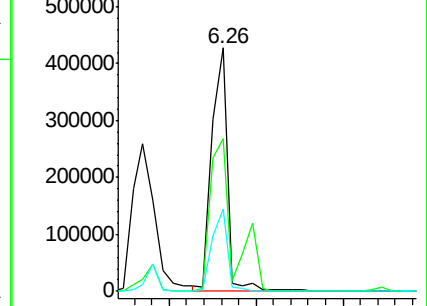
95 33.8 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.90 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

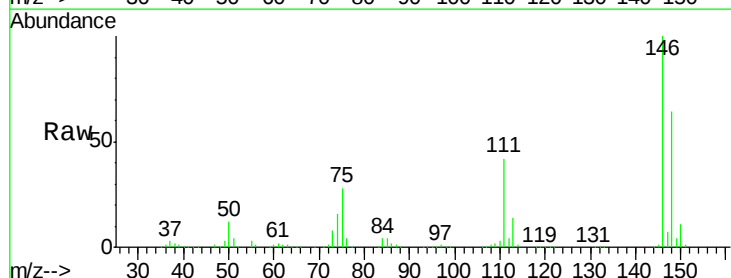
Tgt Ion: 146 Resp: 560304

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

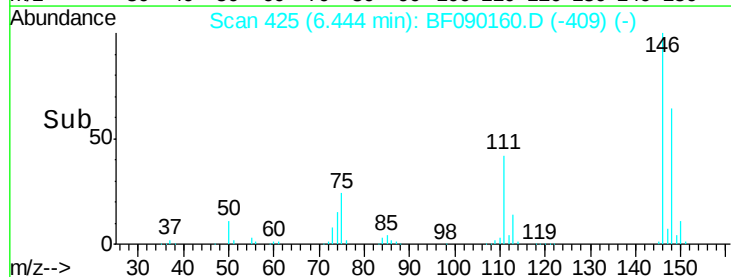
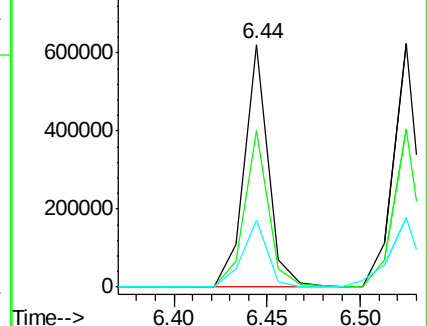
75 27.6 22.8 34.2

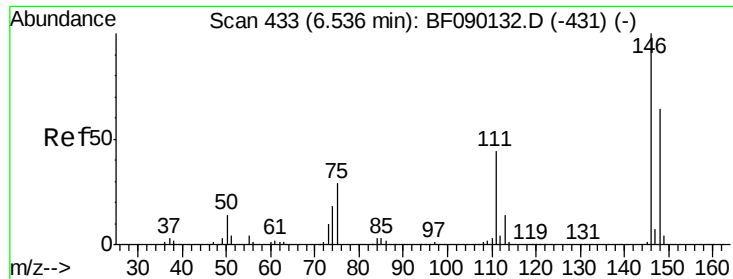


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

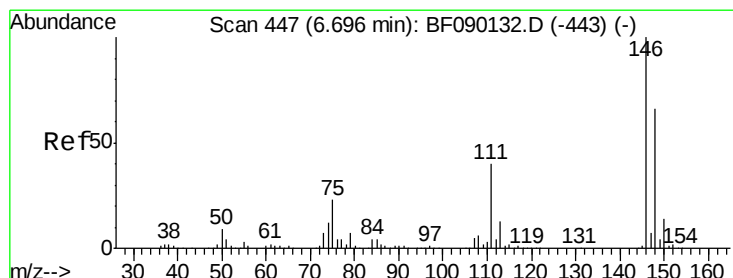
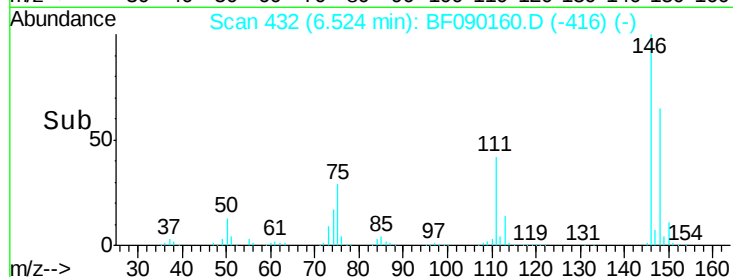
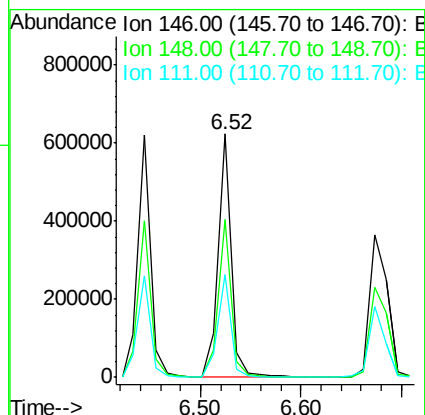
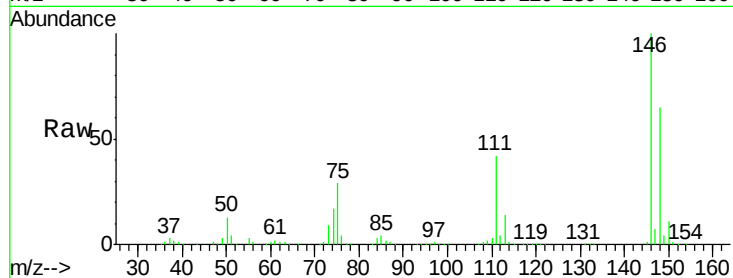




#13
 1,4-Dichlorobenzene
 Concen: 43.46 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

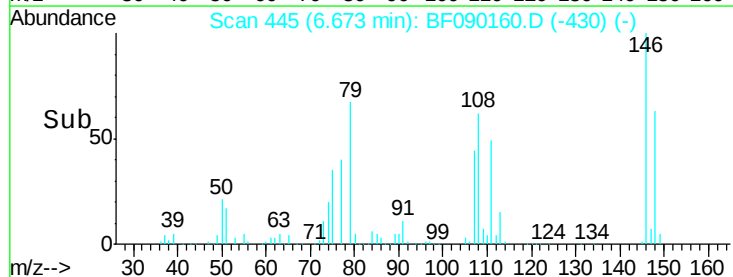
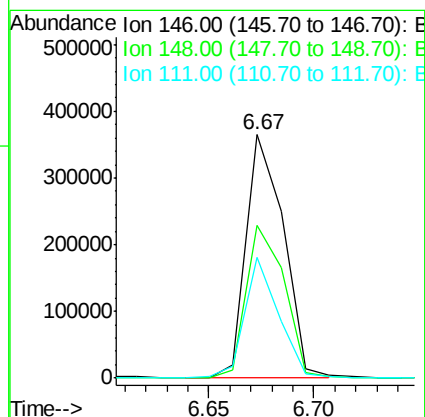
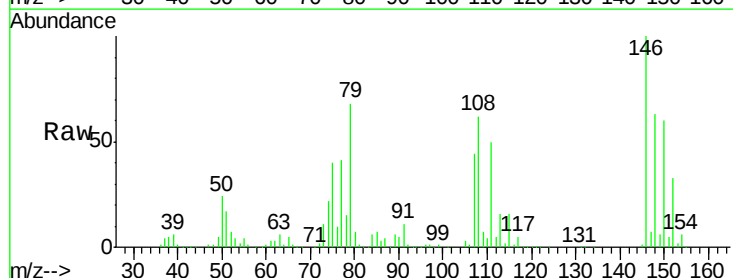
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

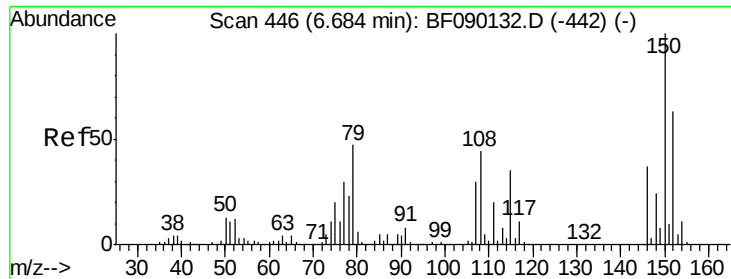
Tot Ion:146 Resp: 566379
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 42.1 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 38.57 ng m
 RT: 6.67 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion:146 Resp: 447789
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.6 79.0
 111 49.8 28.2 42.2#

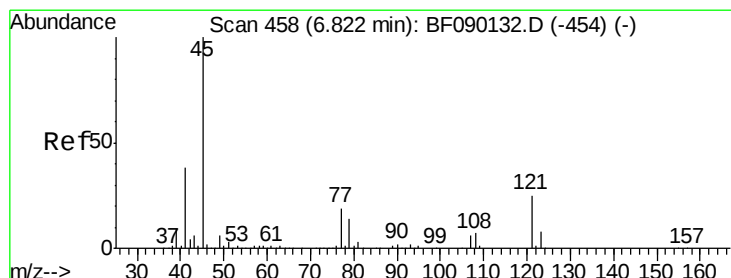
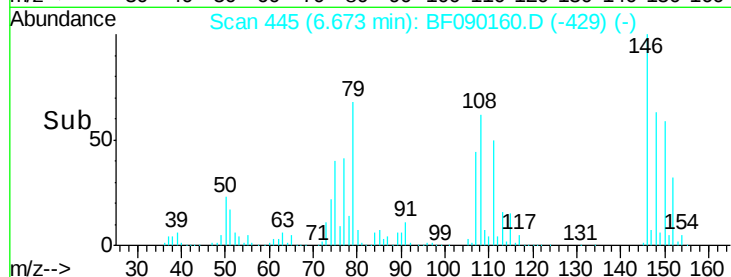
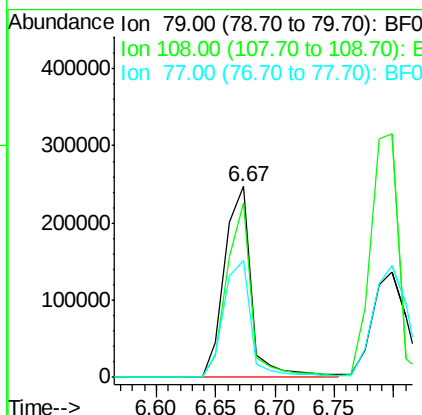
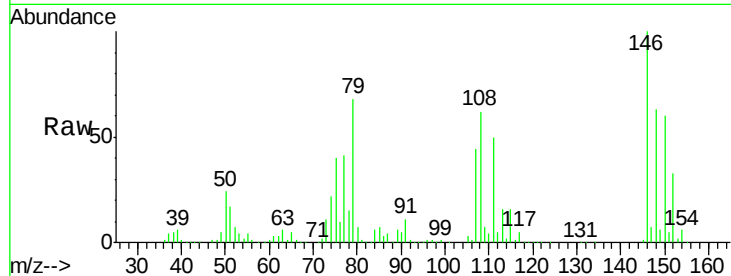




#15
Benzyl Alcohol
Concen: 49.74 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

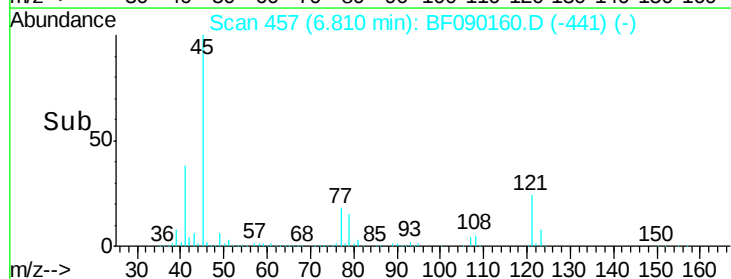
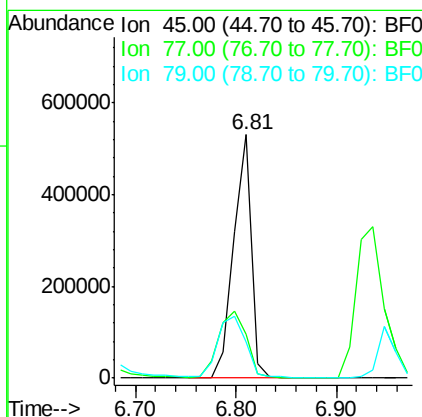
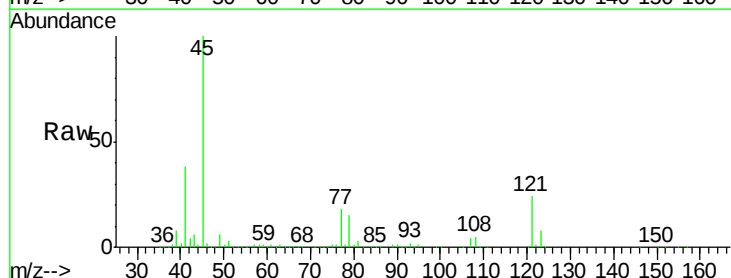
Instrument :
BNA_F
ClientSampleId :
PB93510BS

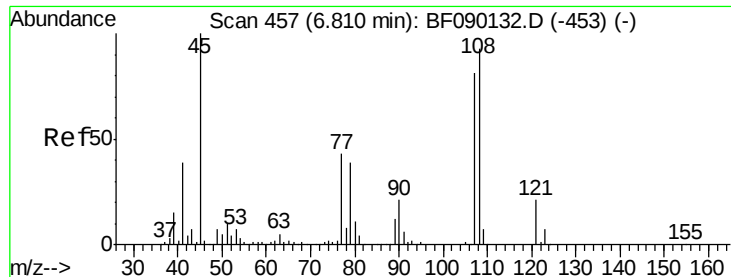
Tot Ion: 79 Resp: 388944
Ion Ratio Lower Upper
79 100
108 91.4 62.2 93.4
77 61.0 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.81 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion: 45 Resp: 647274
Ion Ratio Lower Upper
45 100
77 17.8 0.5 40.5
79 14.8 0.0 37.0

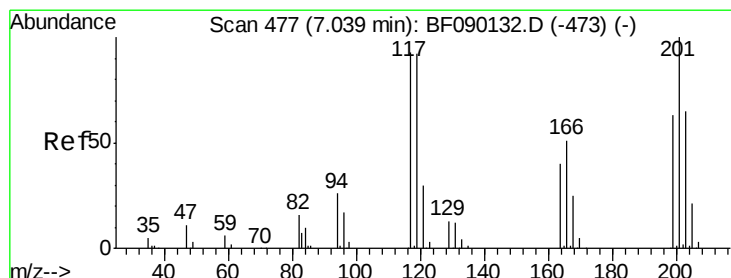
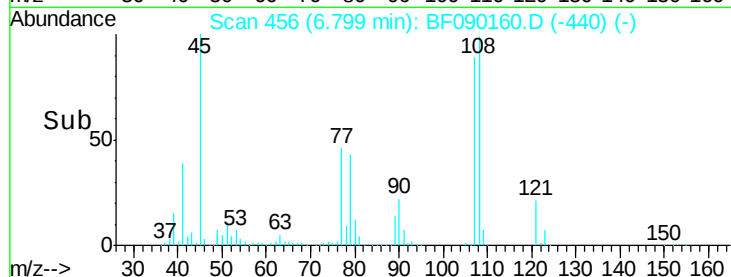
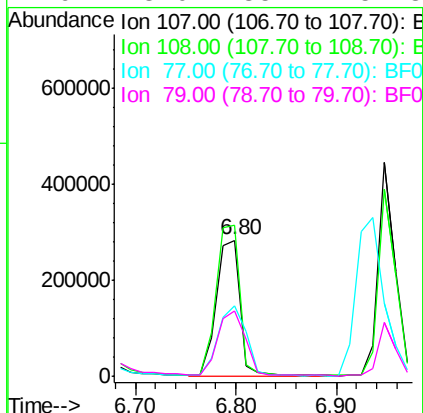
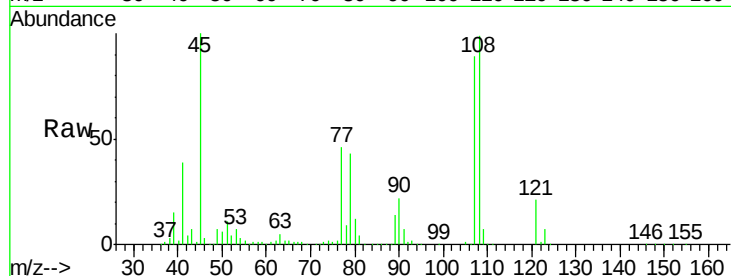




#17
2-Methylphenol
Concen: 47.99 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

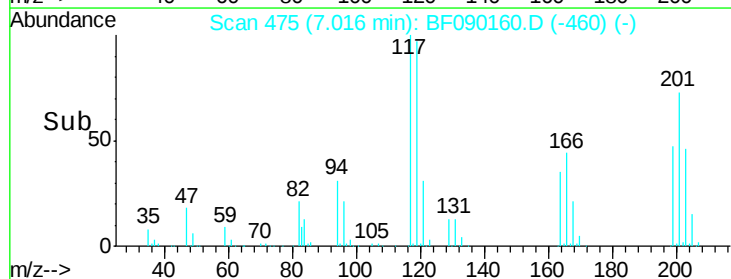
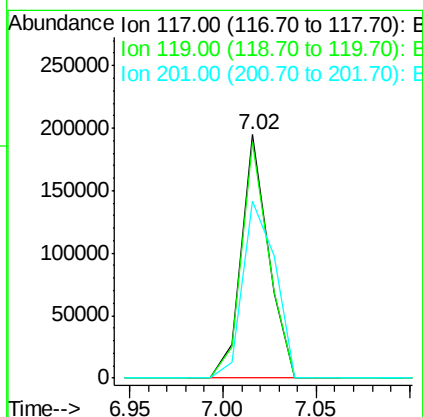
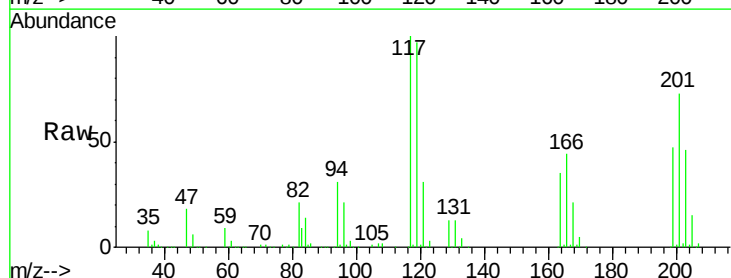
Instrument :
BNA_F
ClientSampleId :
PB93510BS

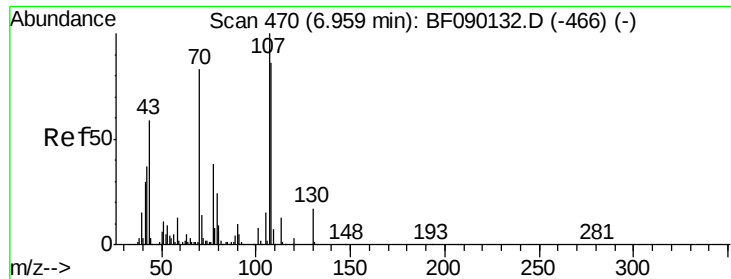
Tot Ion:	107	Resp:	461817
Ion	Ratio	Lower	Upper
107	100		
108	111.2	92.0	138.0
77	51.3	35.6	53.4
79	48.0	35.2	52.8



#18
Hexachloroethane
Concen: 42.72 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion:	117	Resp:	198597
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	115.0
201	72.7	55.5	83.3

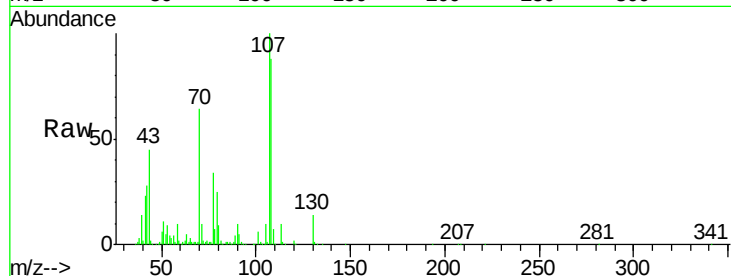




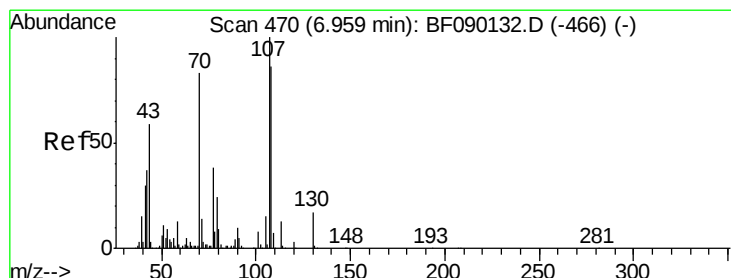
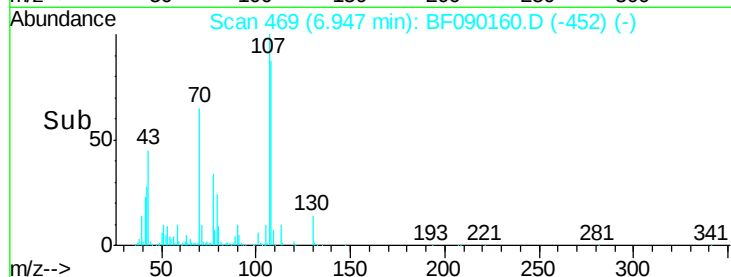
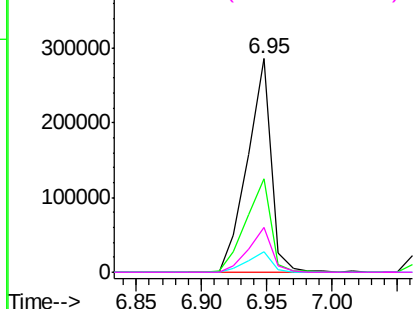
#19
n-Nitroso-di-n-propylamine
Concen: 47.02 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB93510BS

Tot Ion: 70 Resp: 362184
Ion Ratio Lower Upper
70 100
42 43.7 35.1 52.7
101 9.8 7.5 11.3
130 21.0 16.6 25.0

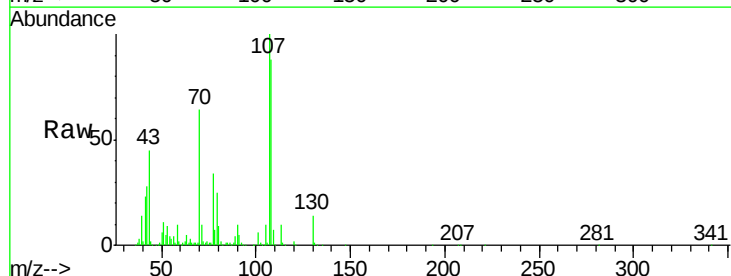


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

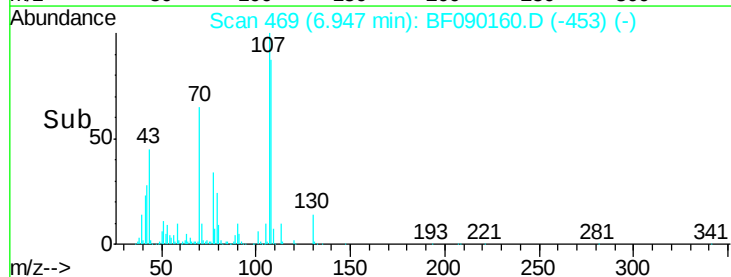
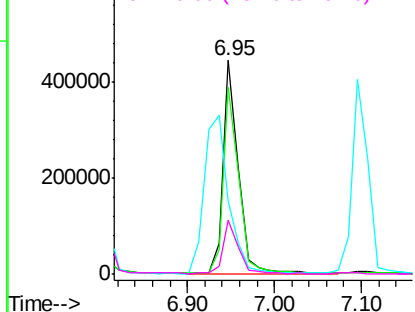


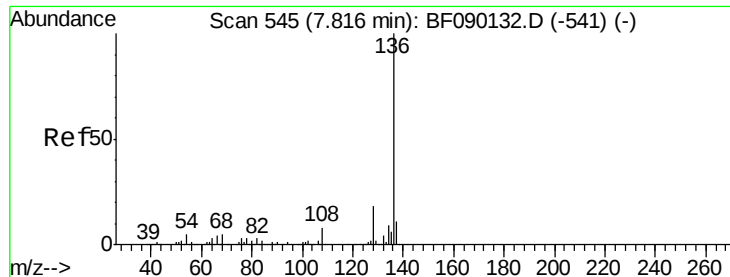
#20
3+4-Methylphenols
Concen: 47.09 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion: 107 Resp: 544029
Ion Ratio Lower Upper
107 100
108 87.6 73.3 113.3
77 34.3 14.1 54.1
79 25.0 7.5 47.5



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

Tot Ion:136 Resp: 680508

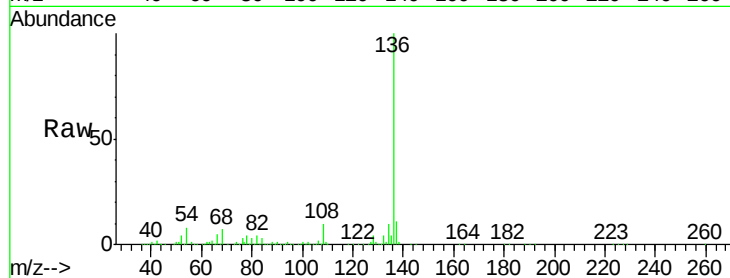
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.8 6.4 9.6

68 7.5 6.3 9.5

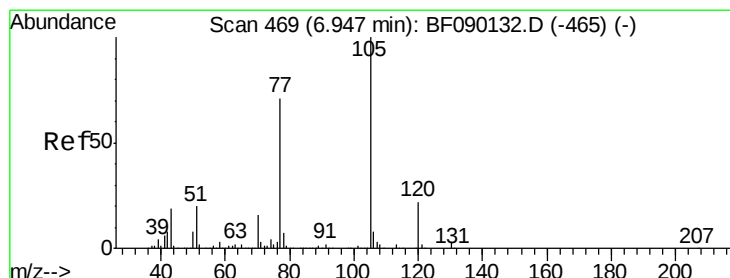
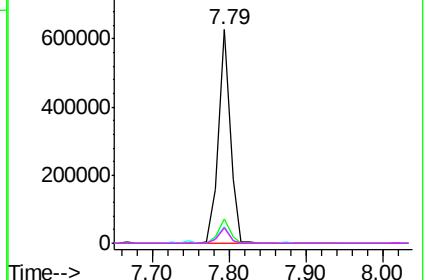
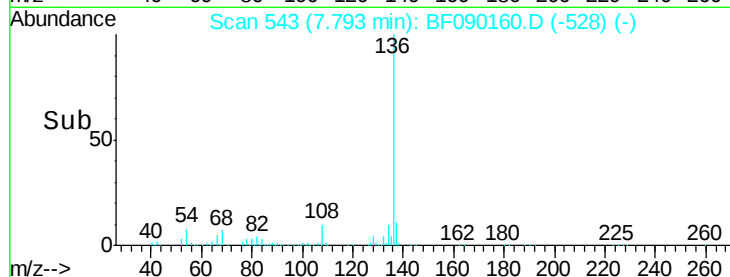


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.29 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Tgt Ion:105 Resp: 693929

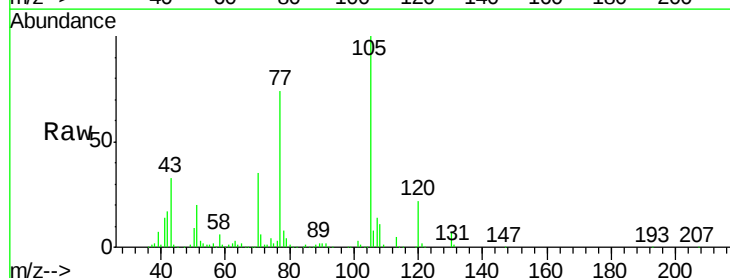
Ion Ratio Lower Upper

105 100

71 6.1 4.1 6.1#

51 20.3 16.2 24.2

120 22.3 18.2 27.2

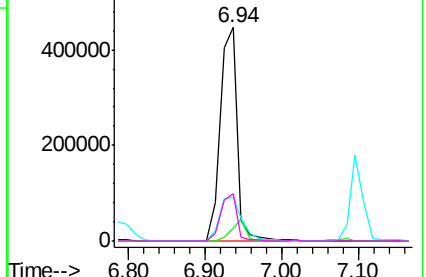
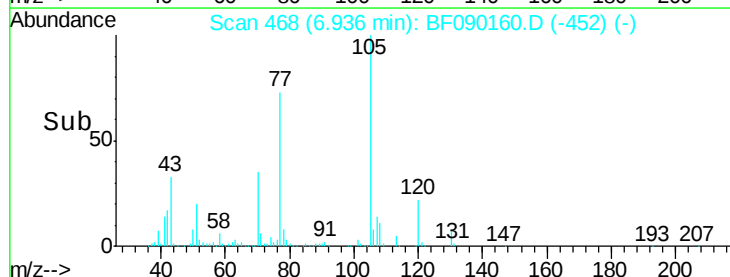


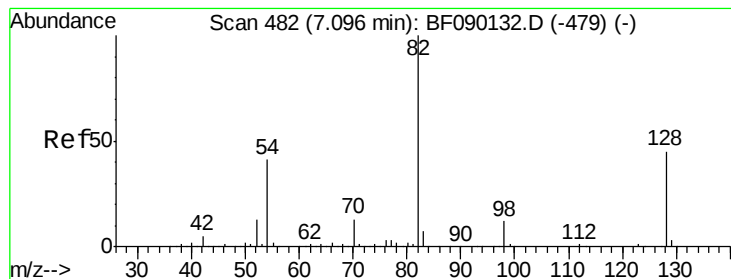
Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.74 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

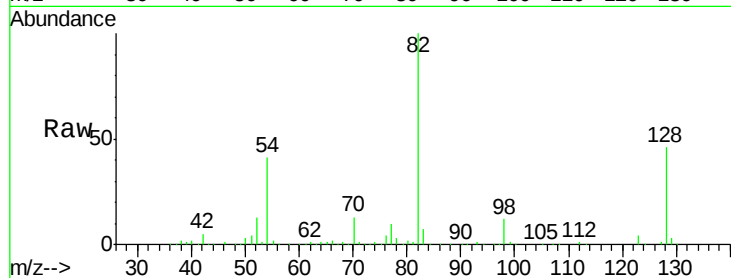
Tot Ion: 82 Resp: 1065218

Ion Ratio Lower Upper

82 100

128 46.2 37.5 56.3

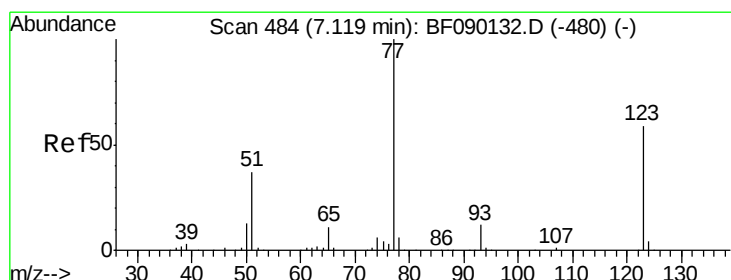
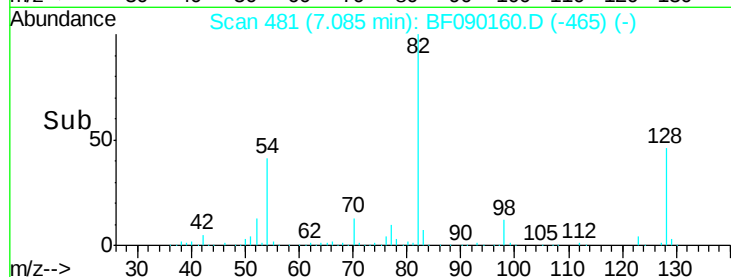
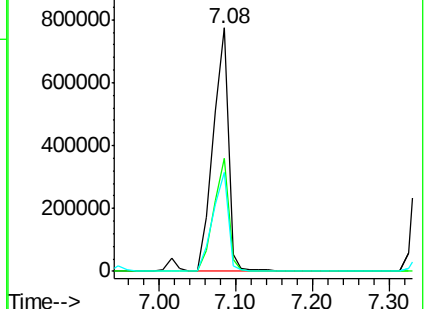
54 40.8 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.87 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

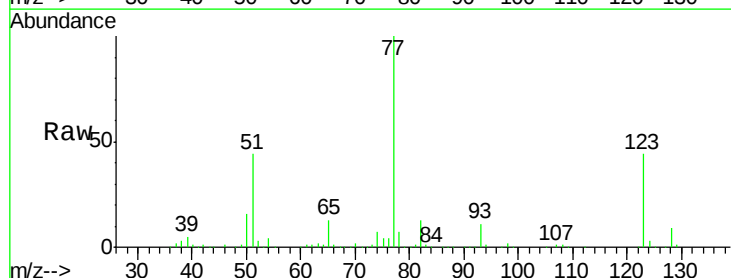
Tgt Ion: 77 Resp: 512182

Ion Ratio Lower Upper

77 100

123 44.3 33.4 50.2

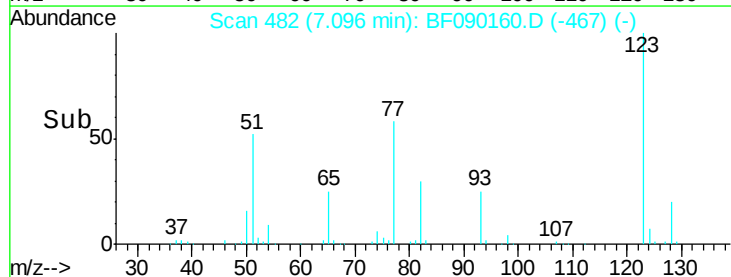
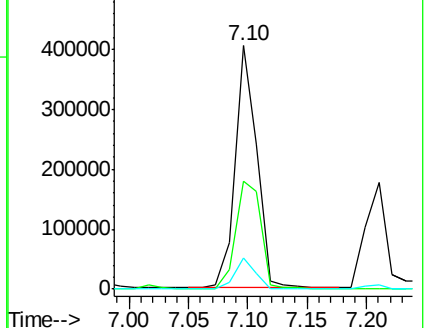
65 12.8 10.1 15.1

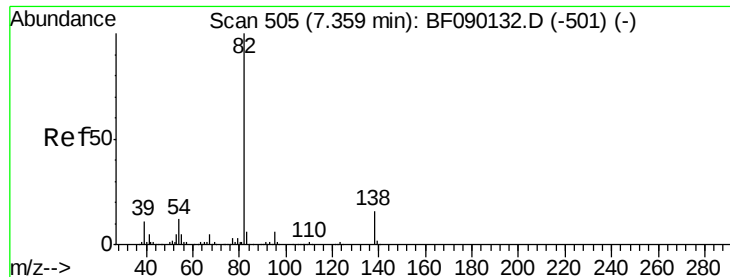


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.49 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

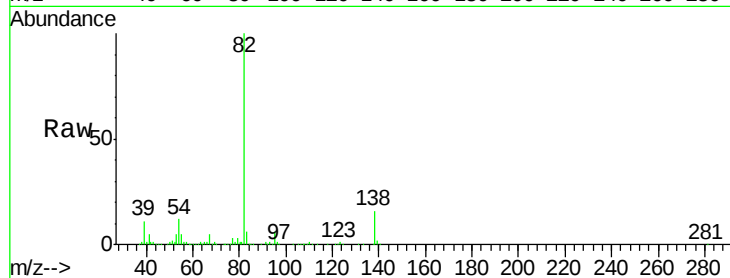
Tot Ion: 82 Resp: 1091195

Ion Ratio Lower Upper

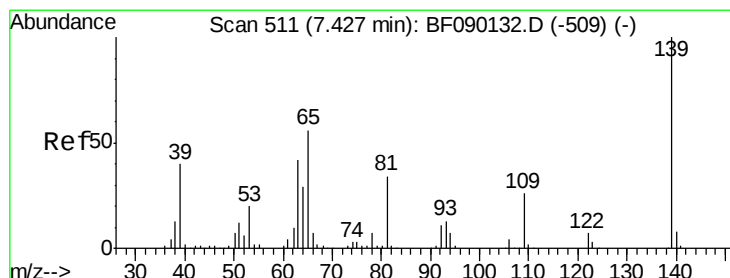
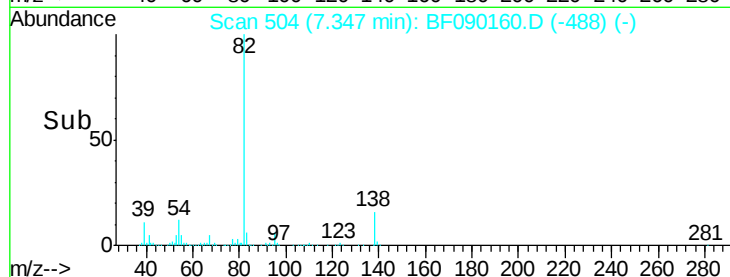
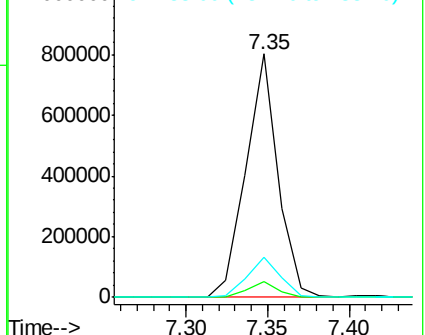
82 100

95 6.3 5.1 7.7

138 16.4 13.5 20.3



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: 46.17 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

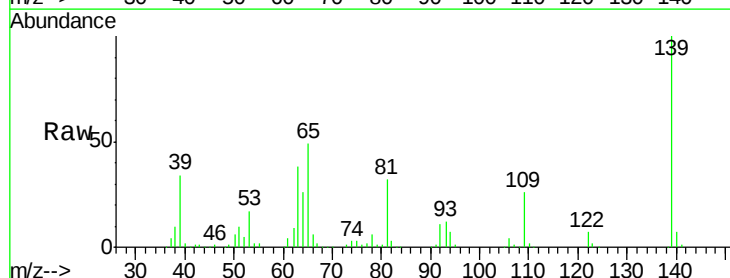
Tgt Ion: 139 Resp: 278074

Ion Ratio Lower Upper

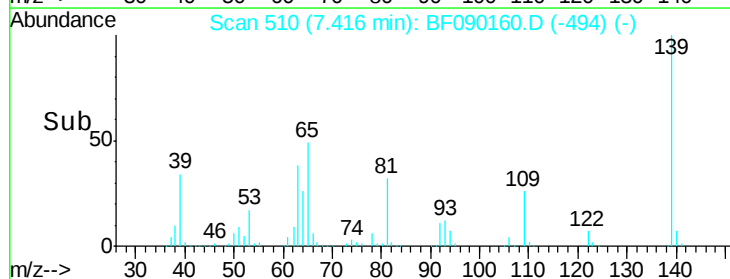
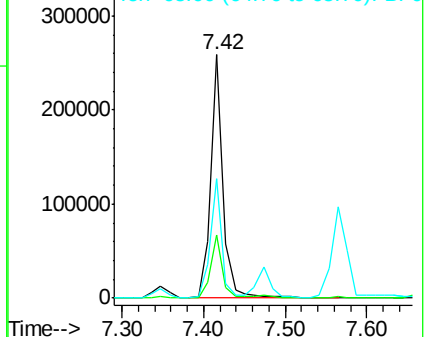
139 100

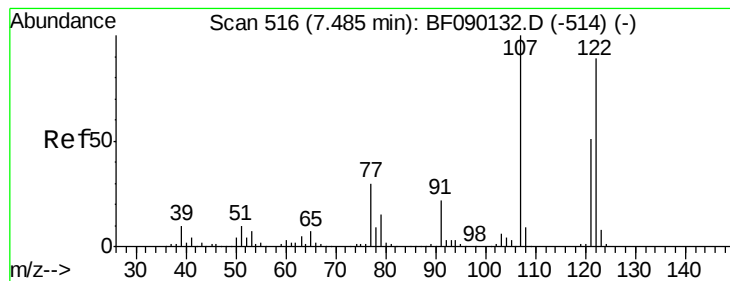
109 25.7 20.5 30.7

65 49.1 37.9 56.9



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

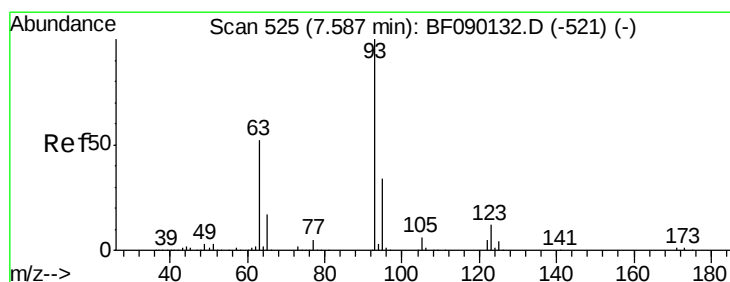
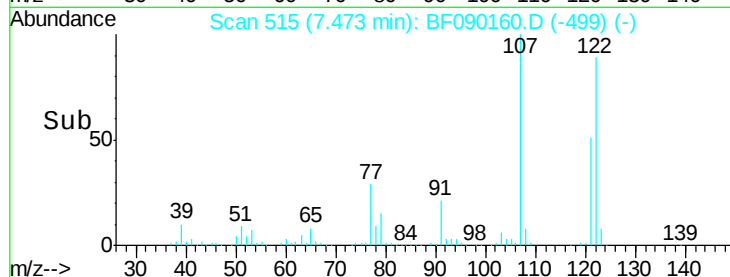
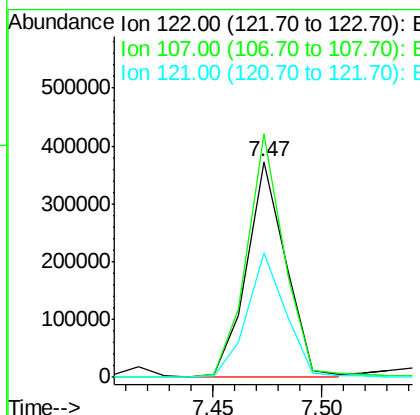
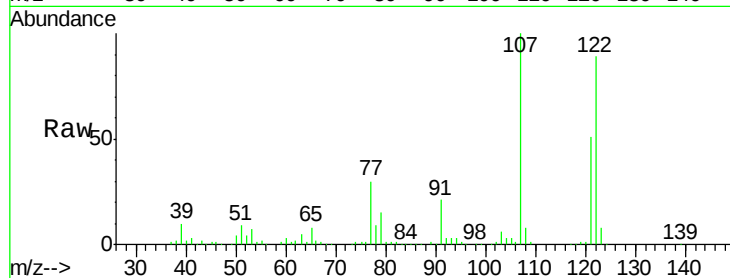




#27
 2,4-Dimethylphenol
 Concen: 43.53 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

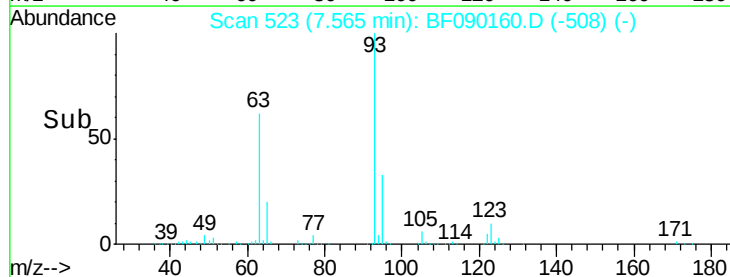
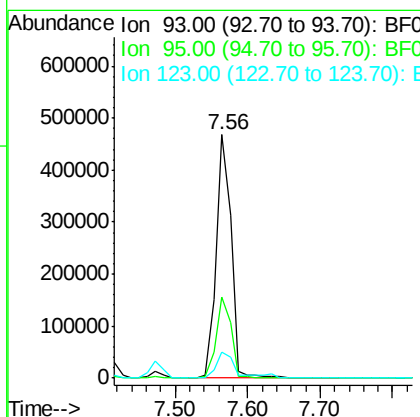
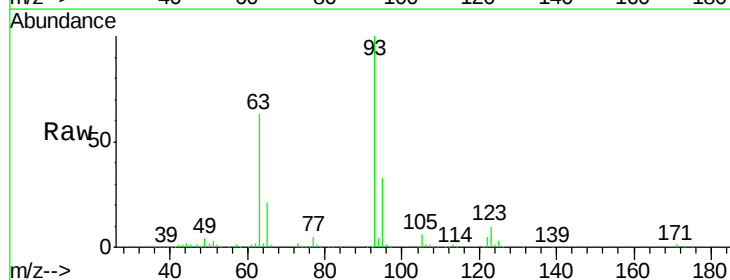
Instrument :
 BNA_F
 ClientSampled :
 PB93510BS

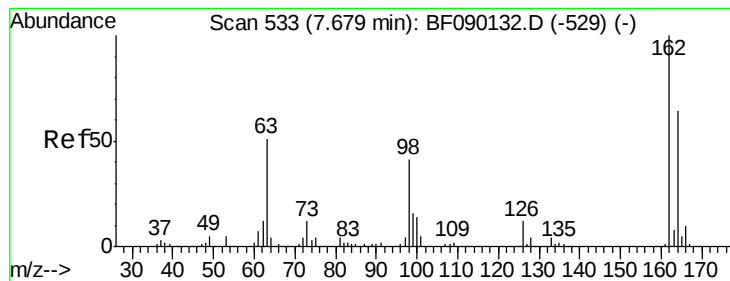
Tot Ion:122 Resp: 465770
 Ion Ratio Lower Upper
 122 100
 107 112.9 87.8 131.6
 121 57.5 45.7 68.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.09 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion: 93 Resp: 669024
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.8 40.2
 123 10.5 8.5 12.7

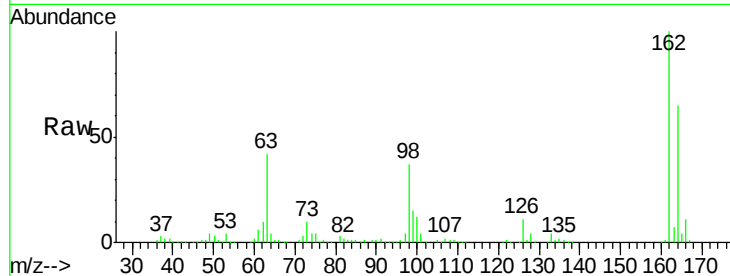




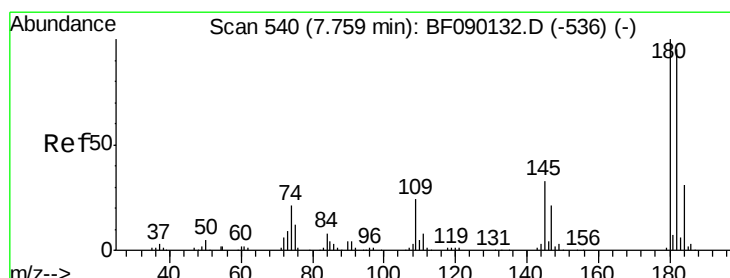
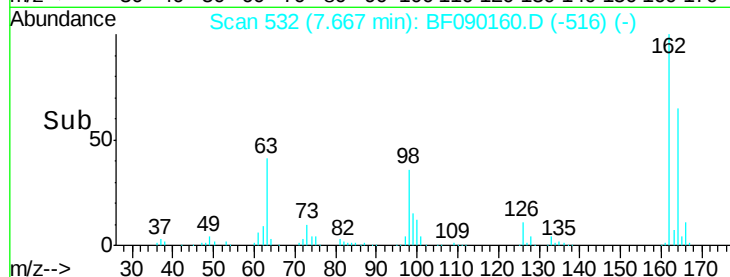
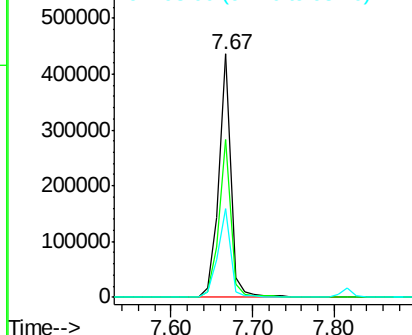
#29
 2,4-Dichlorophenol
 Concen: 48.34 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.2	86.2
98	36.5	10.4	50.4

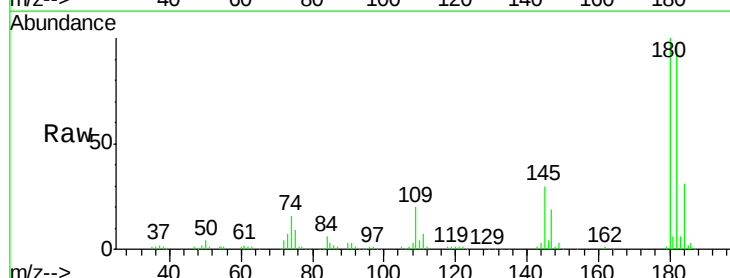


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

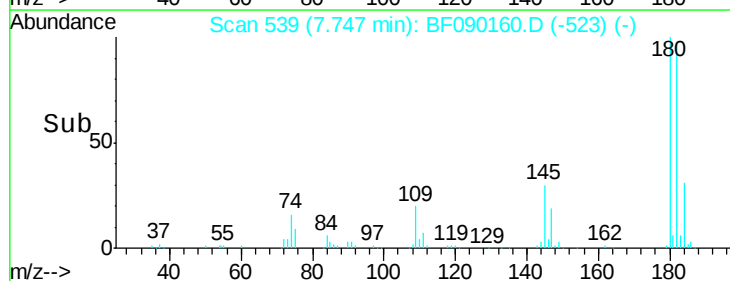
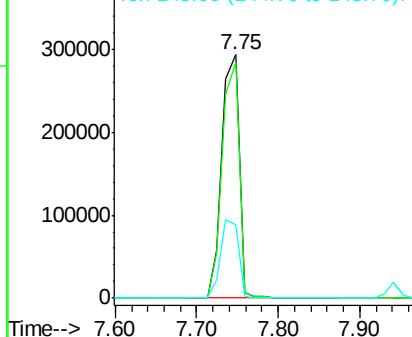


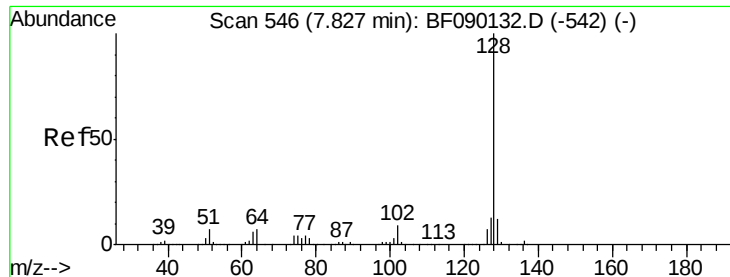
#30
 1,2,4-Trichlorobenzene
 Concen: 46.15 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.0	112.6
145	29.9	28.6	42.8



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: 44.53 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

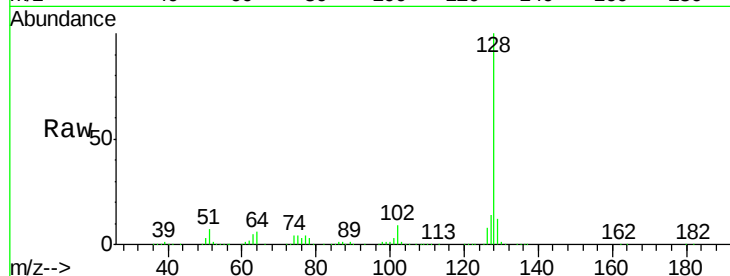
Tot Ion:128 Resp: 1442900

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

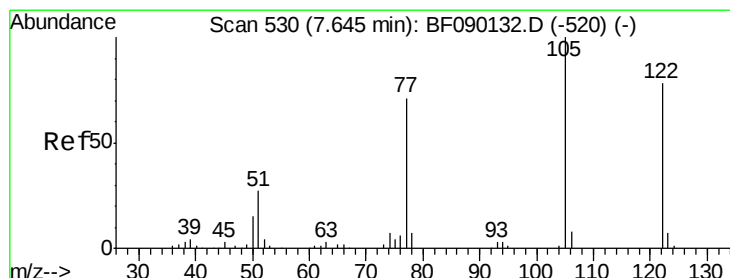
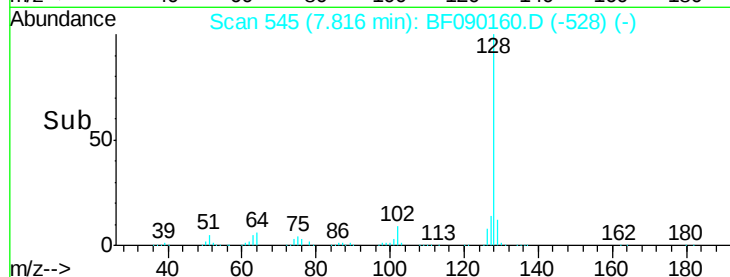
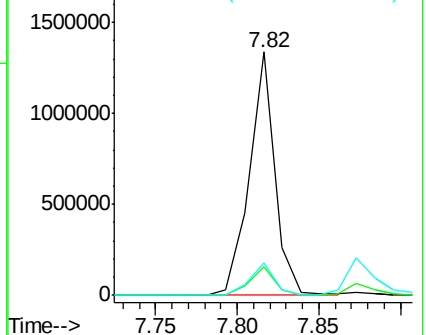
127 13.6 10.8 16.2



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: 40.32 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

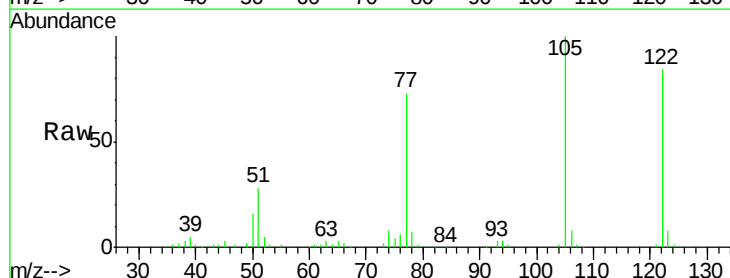
Tgt Ion:122 Resp: 296196

Ion Ratio Lower Upper

122 100

105 118.9 105.0 145.0

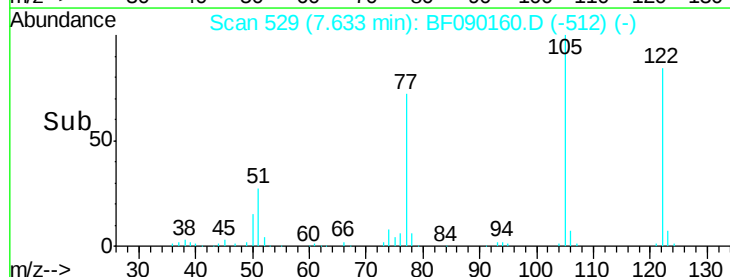
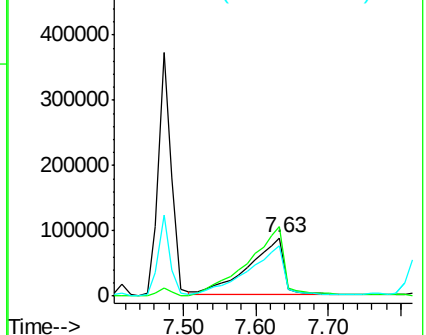
77 86.8 70.4 110.4

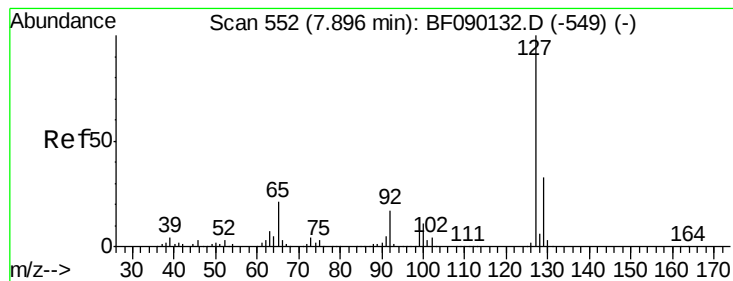


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.32 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

Tot Ion:127 Resp: 273147

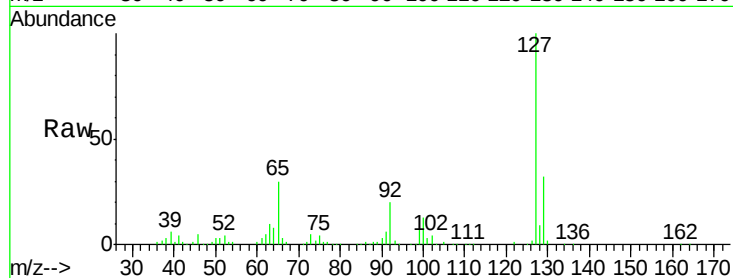
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.6

65 29.7 24.1 36.1

92 20.0 16.3 24.5

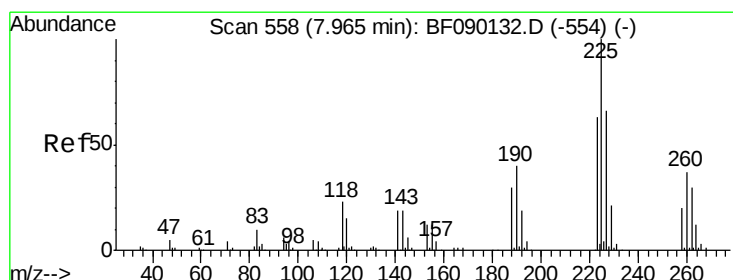
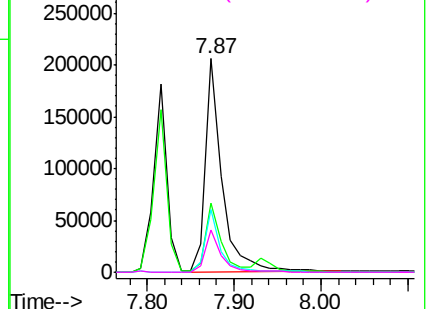
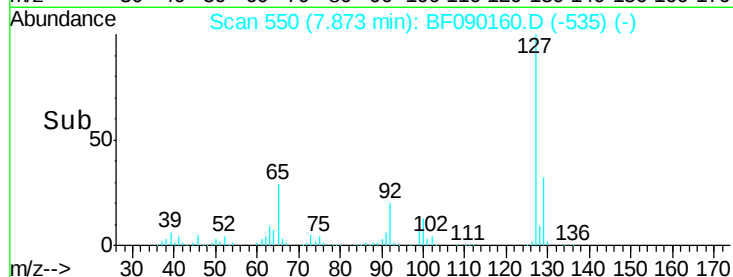


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.41 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

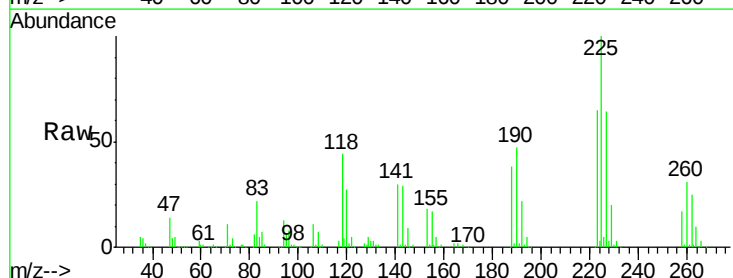
Tgt Ion:225 Resp: 214696

Ion Ratio Lower Upper

225 100

223 64.7 51.3 76.9

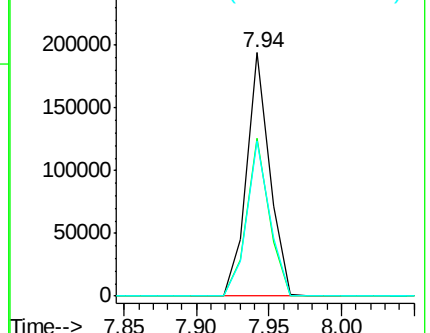
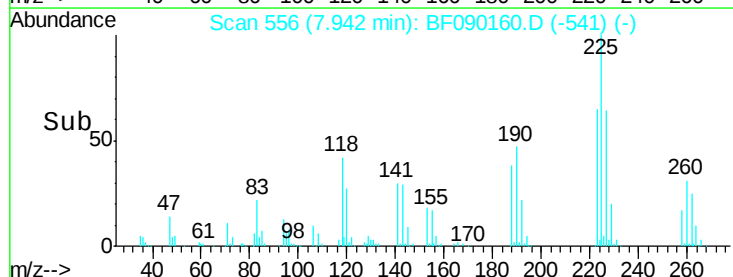
227 63.6 51.4 77.0

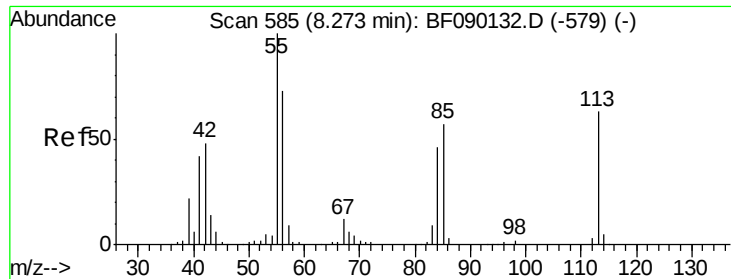


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

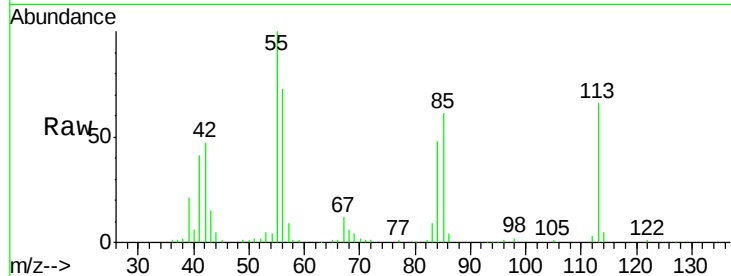




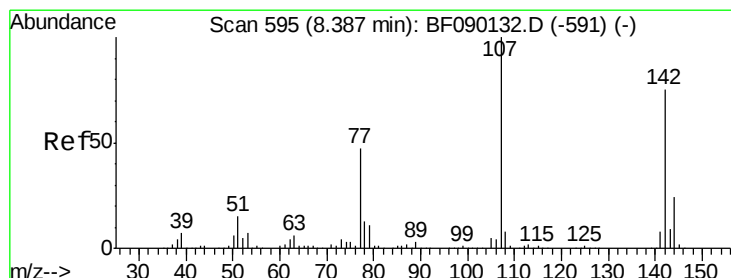
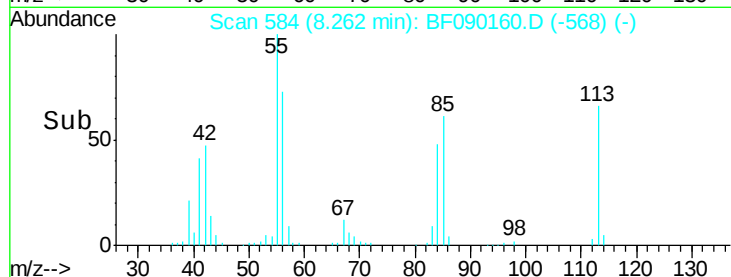
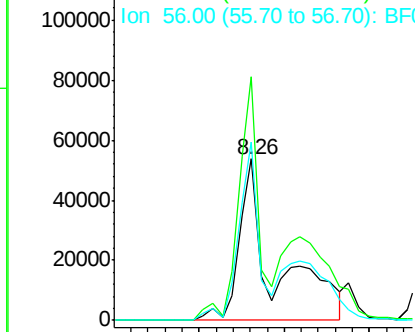
#35
Caprolactam
Concen: 50.07 ng/ml
RT: 8.26 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Instrument :
BNA_F
ClientSampleID :
PB93510BS

Tot Ion:113 Resp: 155548
Ion Ratio Lower Upper
113 100
55 150.7 134.5 174.5
56 110.6 93.7 133.7

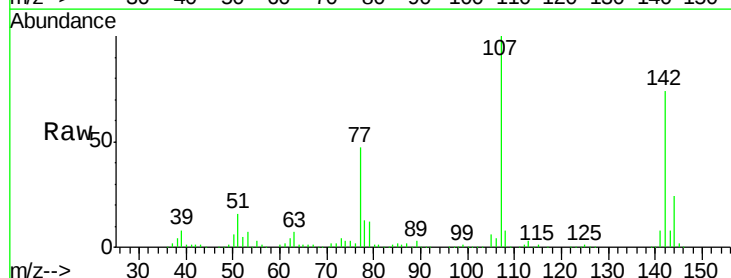


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

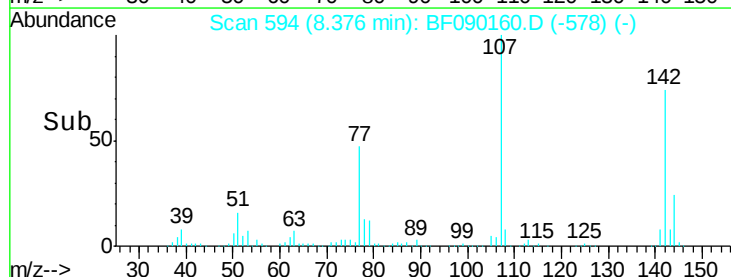
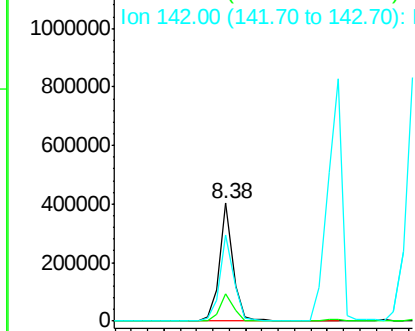


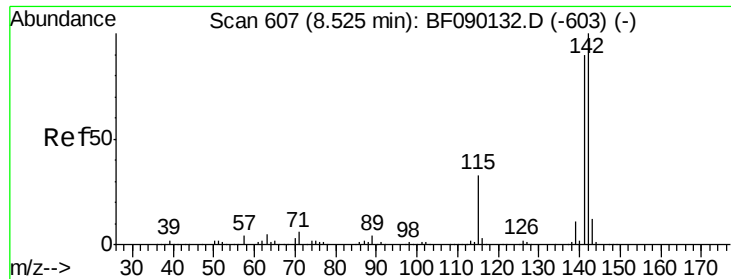
#36
4-Chloro-3-methylphenol
Concen: 43.93 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion:107 Resp: 466027
Ion Ratio Lower Upper
107 100
144 23.7 18.6 27.8
142 73.7 57.0 85.6



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

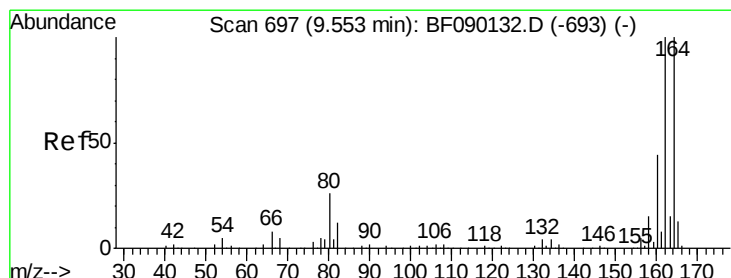
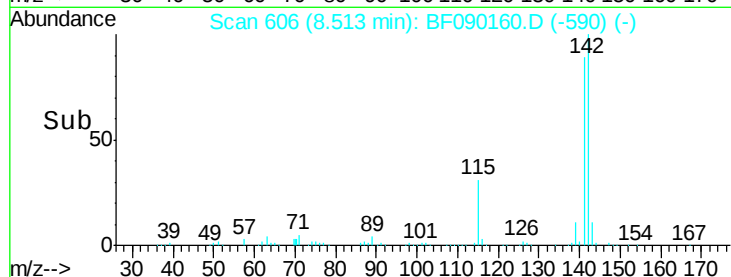
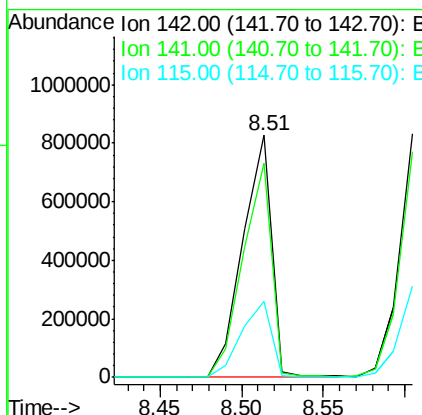
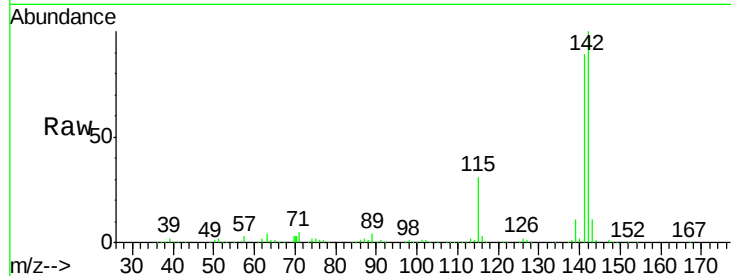




#37
2-Methylnaphthalene
Concen: 50.18 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

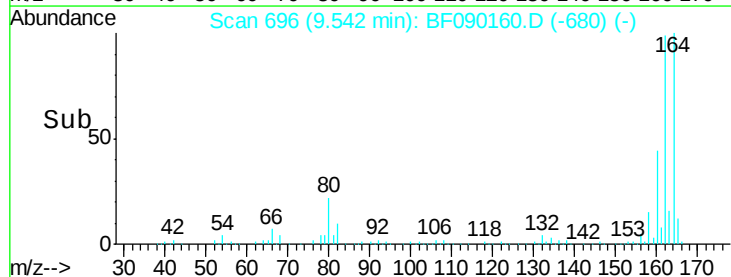
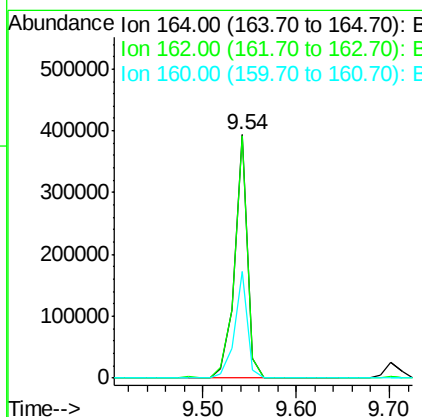
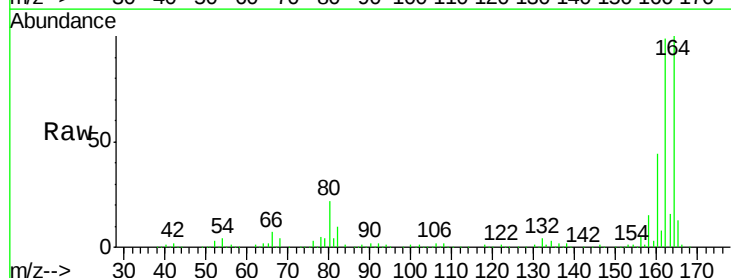
Instrument :
BNA_F
ClientSampleId :
PB93510BS

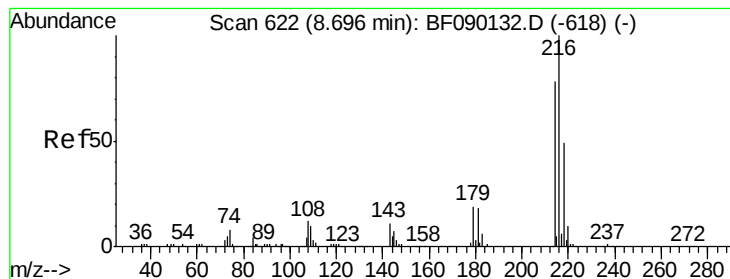
Tot Ion:142 Resp: 1011128
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 31.2 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion:164 Resp: 381616
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.2
160 43.7 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.34 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

Tot Ion:216 Resp: 300795

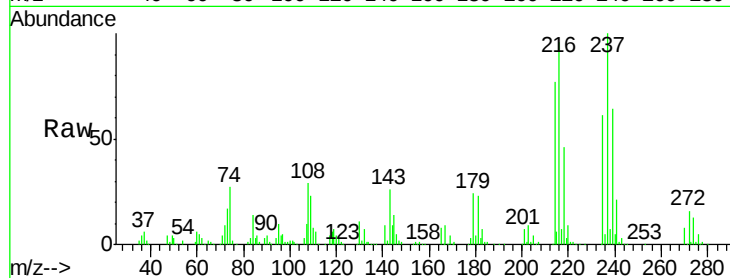
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 21.7 18.5 27.7

108 24.1 19.5 29.3

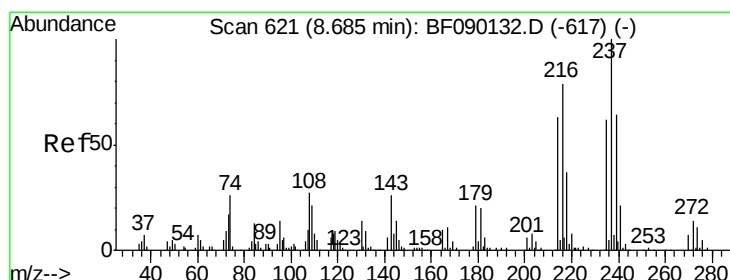
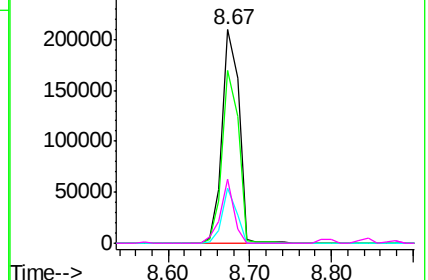
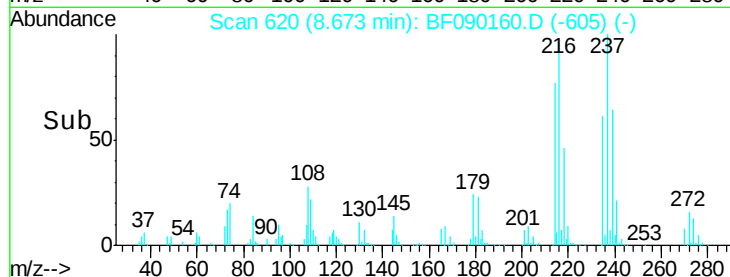


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.74 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

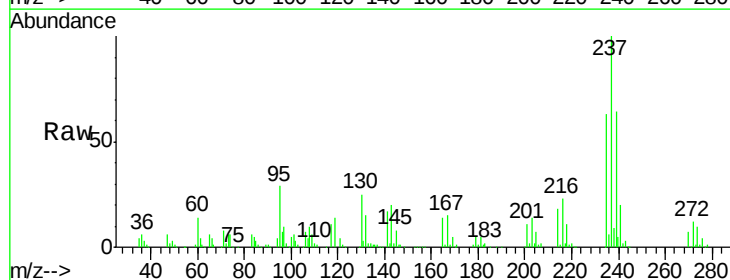
Tgt Ion:237 Resp: 348998

Ion Ratio Lower Upper

237 100

235 62.8 42.5 82.5

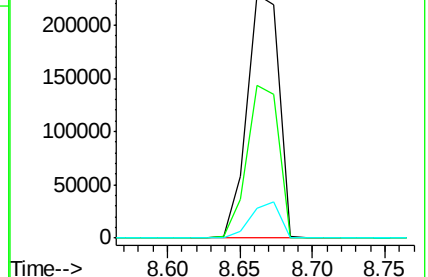
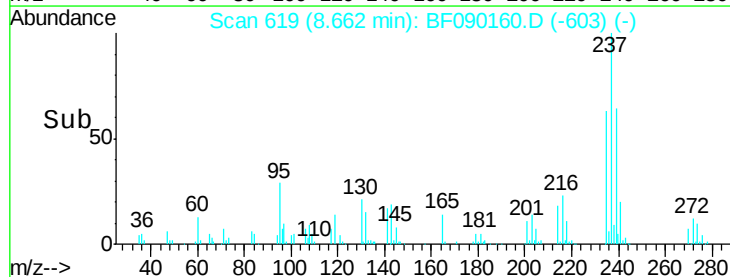
272 12.3 0.0 32.0

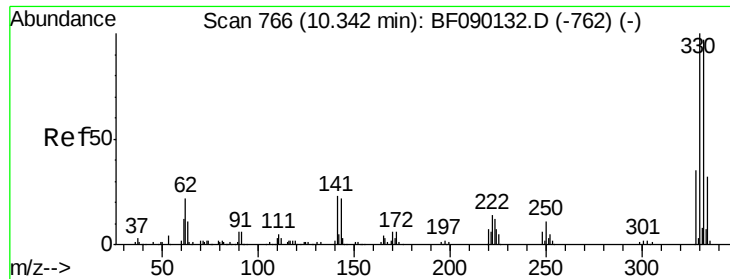


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

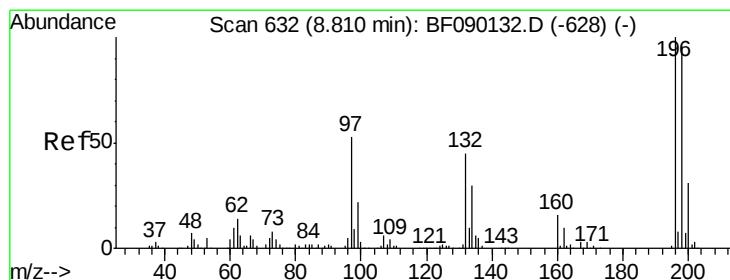
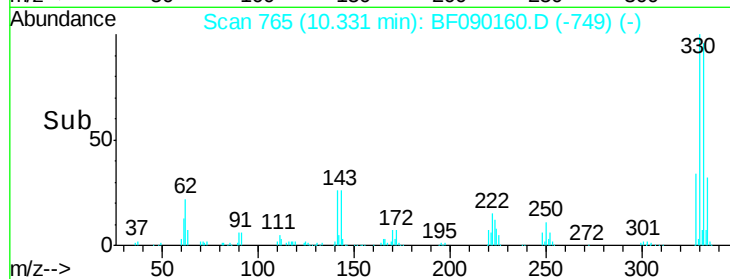
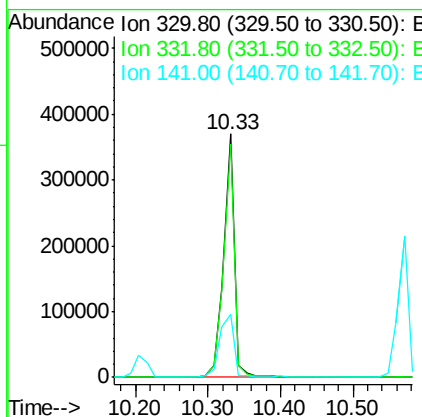
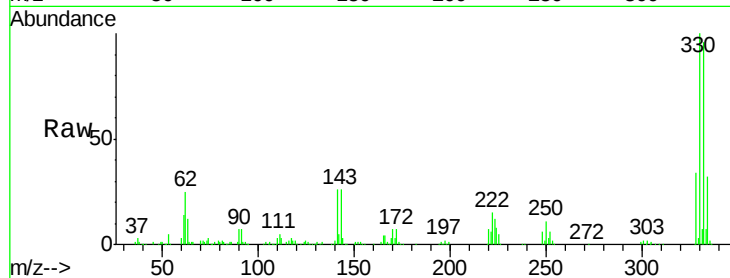




#41
 2,4,6-Tribromophenol
 Concen: 118.46 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

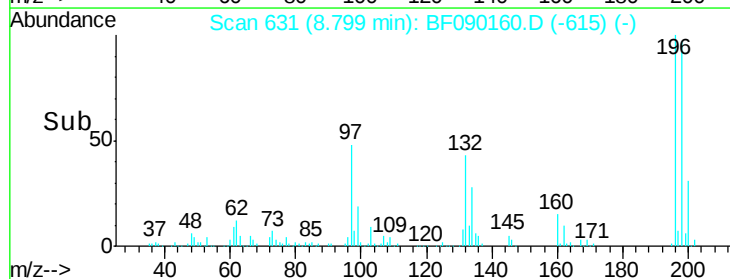
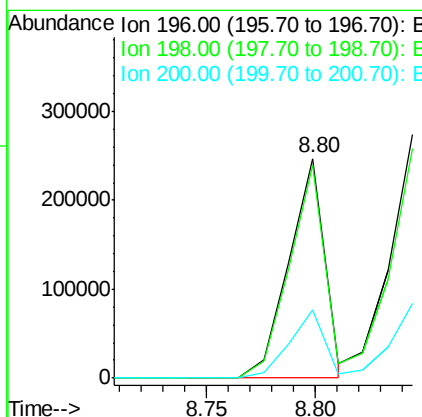
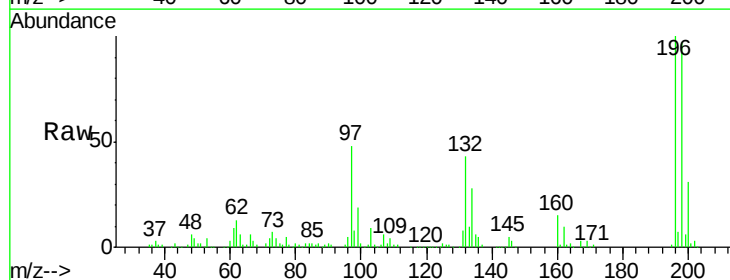
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	34.3	23.9	35.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.37 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.3	114.5
200	31.1	24.1	36.1

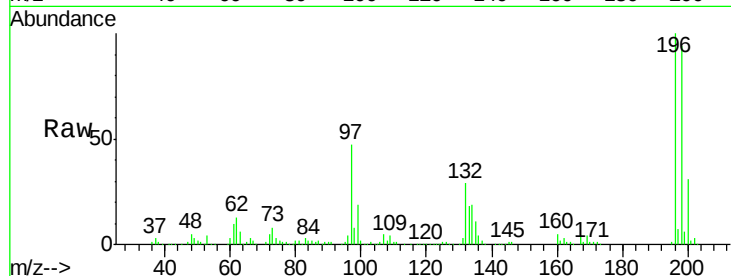




#43
 2,4,5-Trichlorophenol
 Concen: 47.86 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.6	114.8
97	46.5	34.4	51.6
132	28.9	22.2	33.2



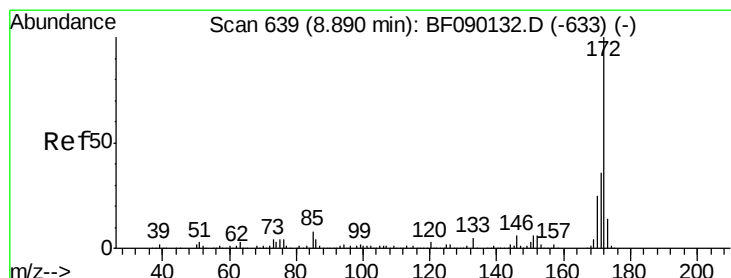
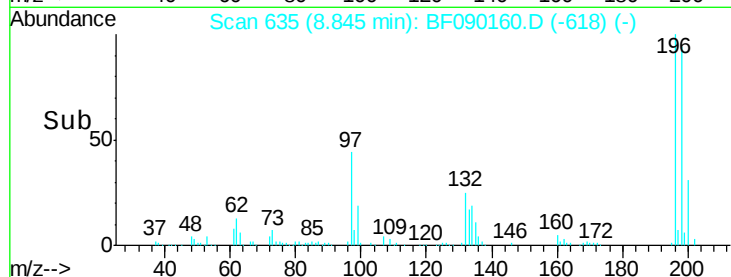
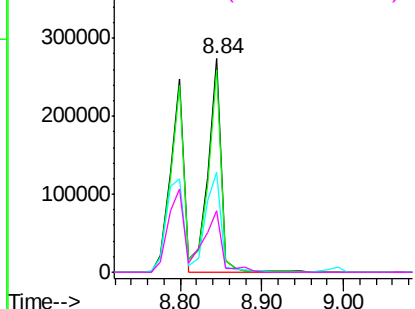
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

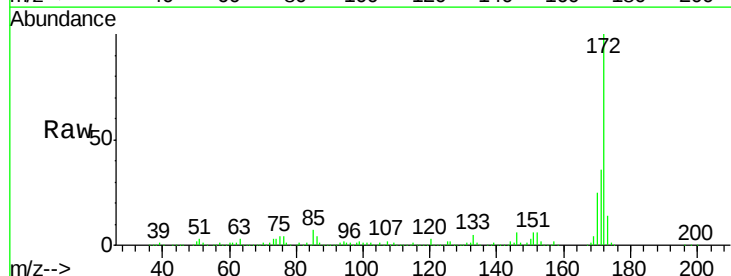
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.54 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.7	19.8	29.8

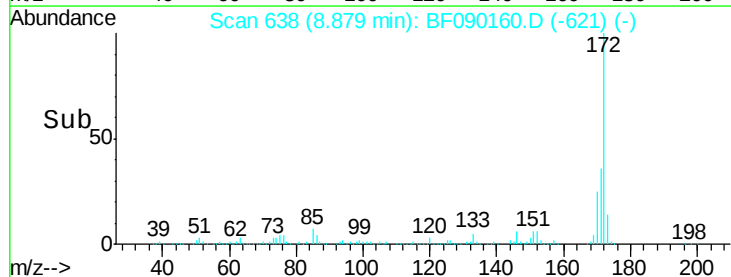
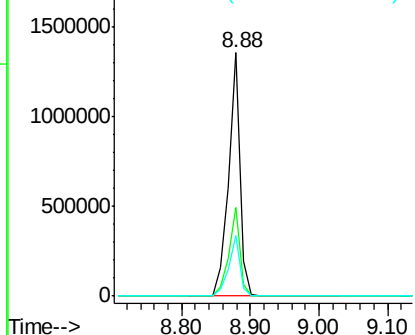


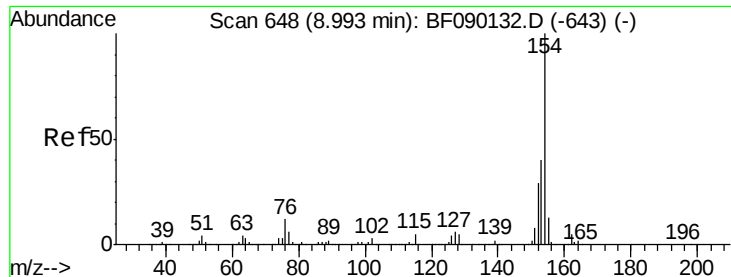
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.17 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

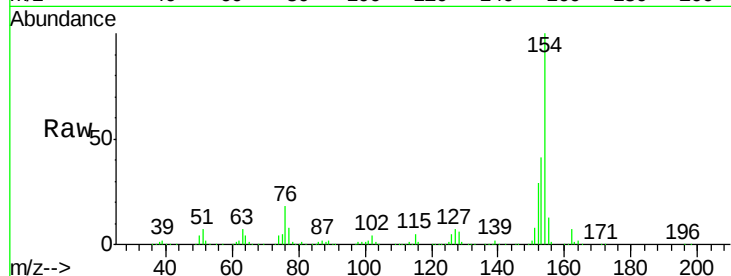
Tot Ion:154 Resp: 1014743

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

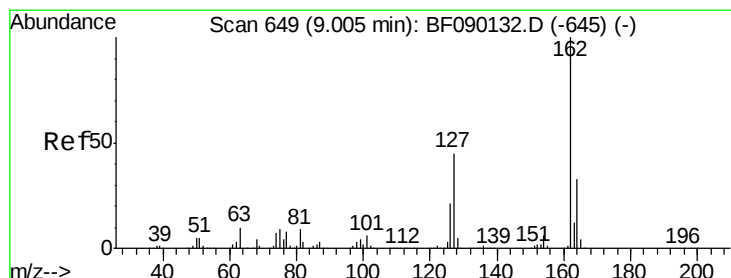
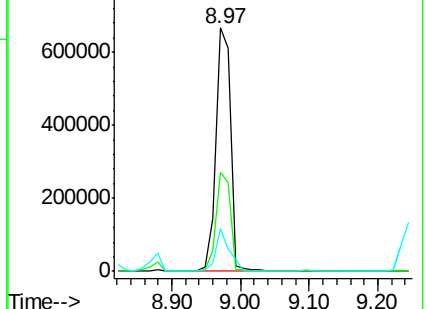
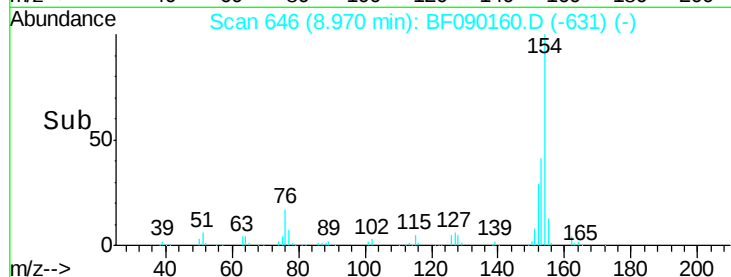
76 17.8 0.0 36.7



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: 42.14 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

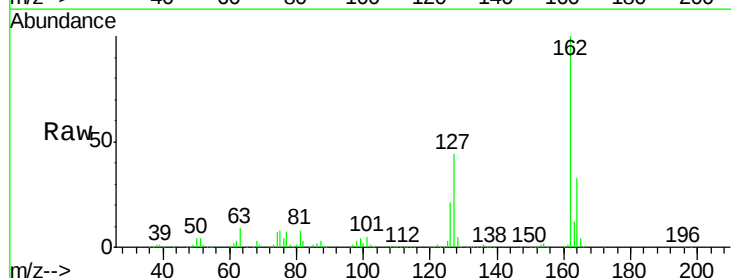
Tgt Ion:162 Resp: 848770

Ion Ratio Lower Upper

162 100

127 43.6 34.0 51.0

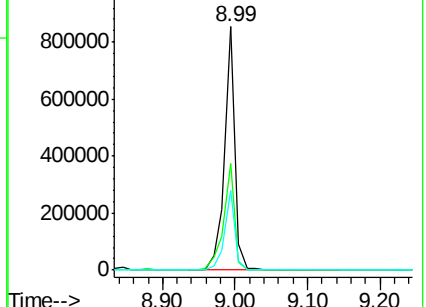
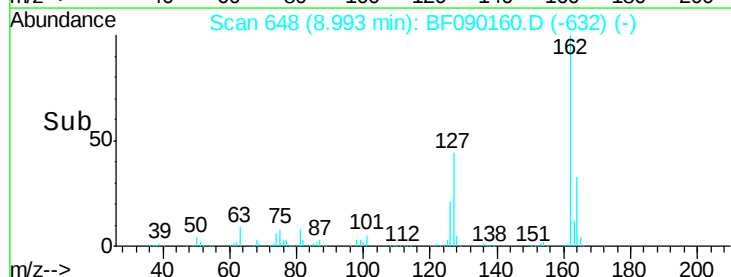
164 32.8 26.8 40.2

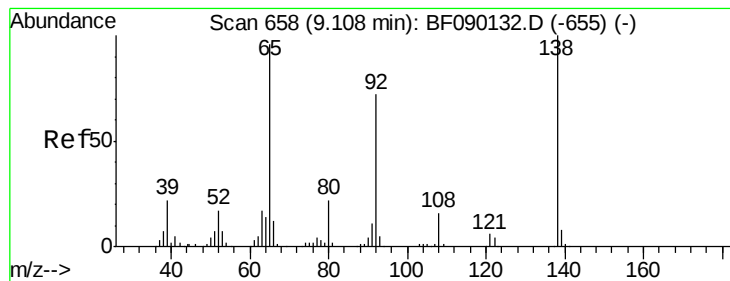


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.41 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

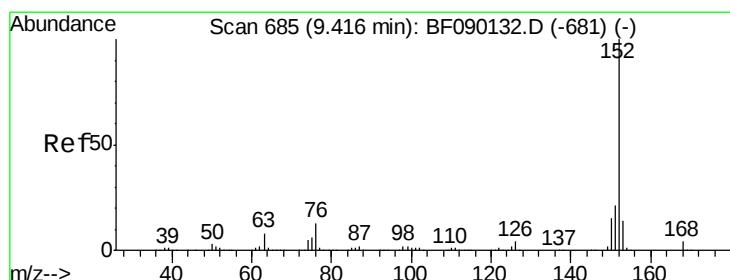
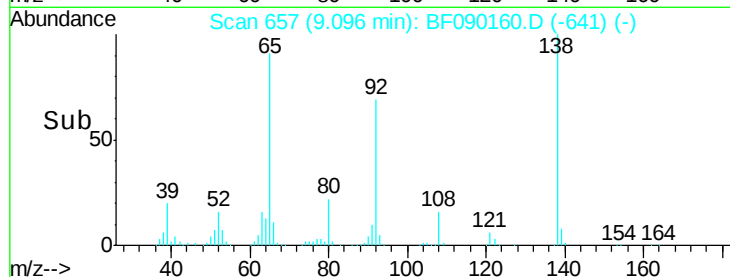
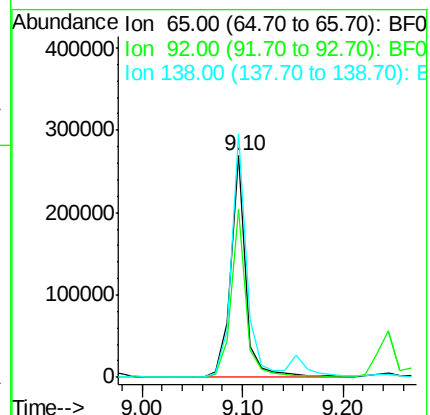
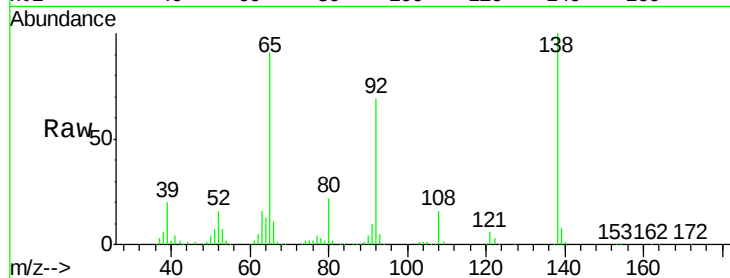
Tot Ion: 65 Resp: 281832

Ion Ratio Lower Upper

65 100

92 76.0 66.1 99.1

138 110.0 104.1 156.1



#48

Acenaphthylene

Concen: 41.87 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

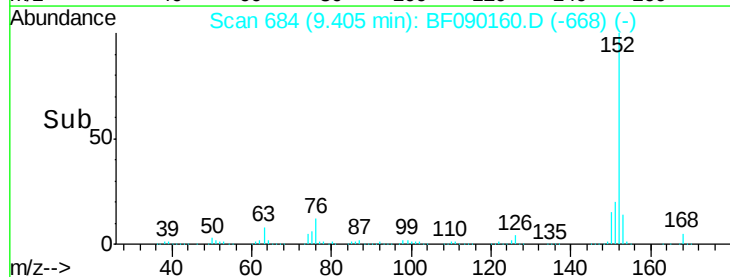
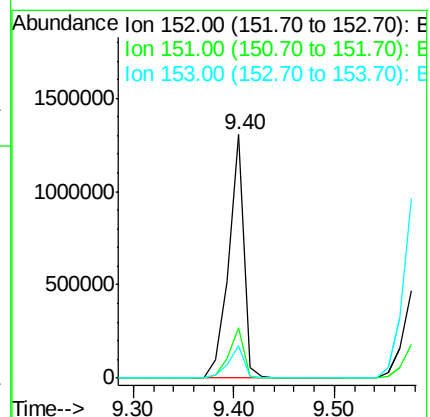
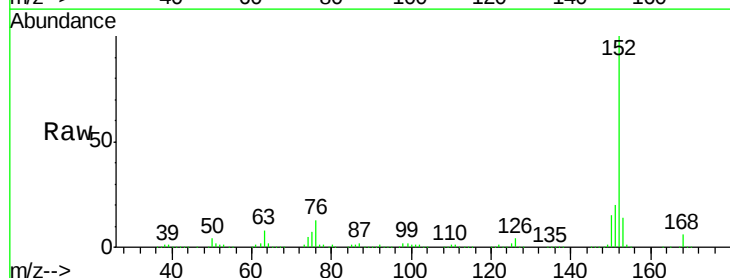
Tgt Ion: 152 Resp: 1369627

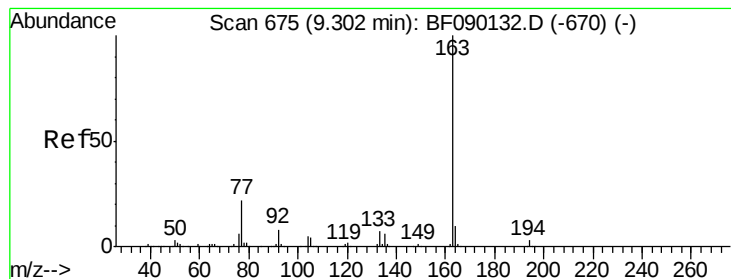
Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

153 13.6 10.6 15.8





#49

Dimethylphthalate

Concen: 40.66 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

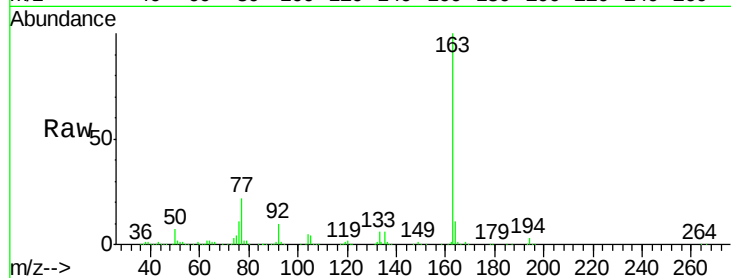
Tot Ion:163 Resp: 988251

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

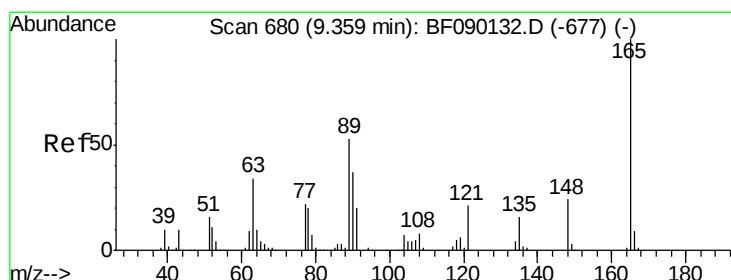
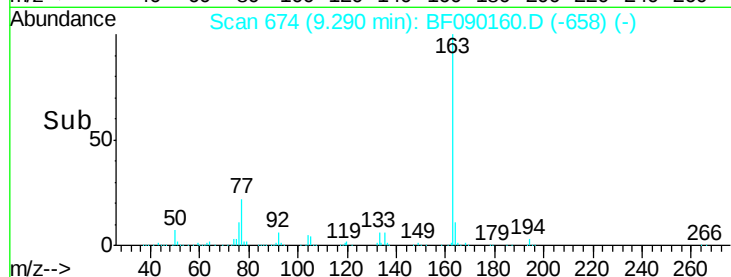
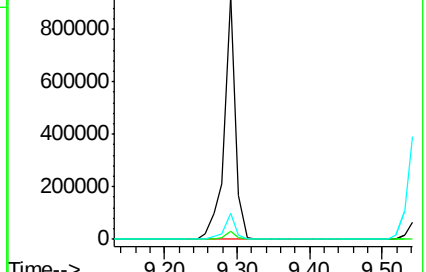
164 10.5 8.1 12.1



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: 48.50 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

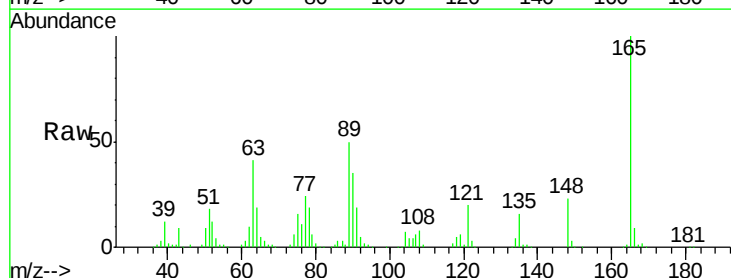
Tgt Ion:165 Resp: 262739

Ion Ratio Lower Upper

165 100

63 40.7 49.9 74.9#

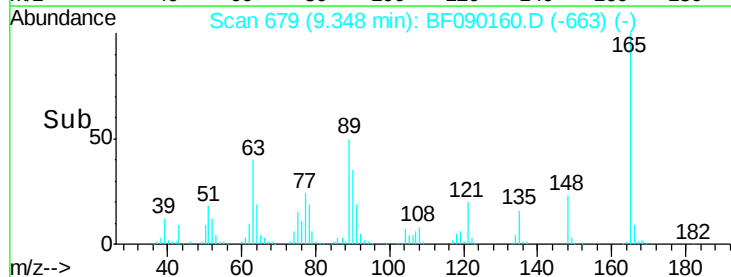
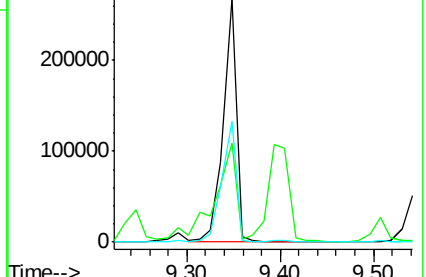
89 49.8 51.0 76.4#

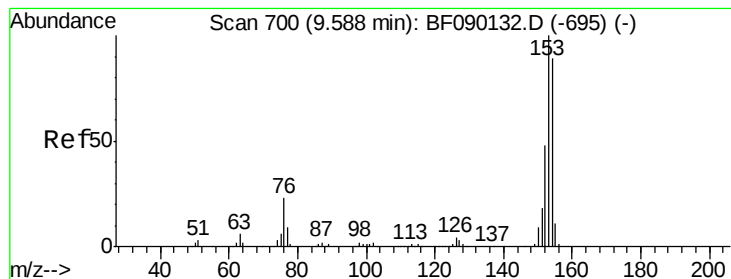


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.34 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

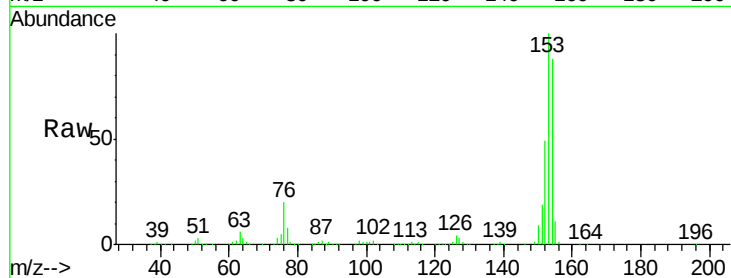
Tot Ion:154 Resp: 841404

Ion Ratio Lower Upper

154 100

153 113.1 90.8 136.2

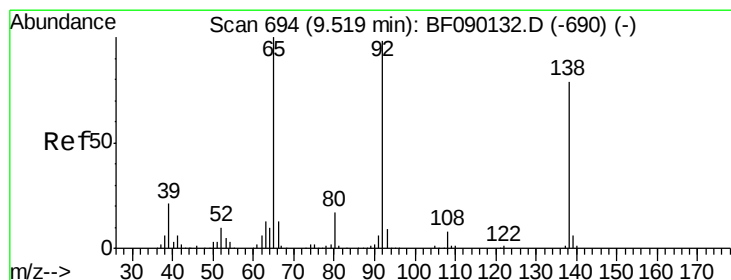
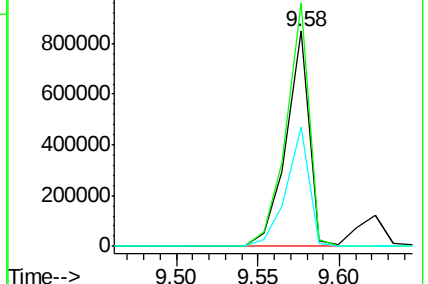
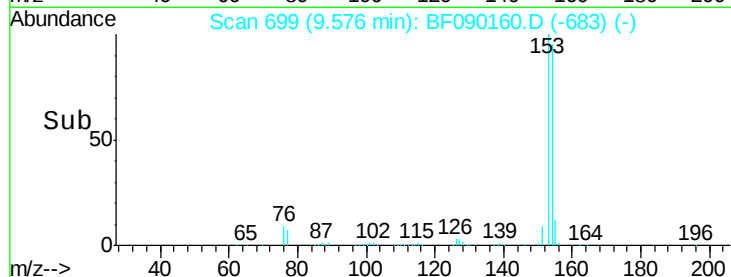
152 55.3 44.2 66.4



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: 30.05 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

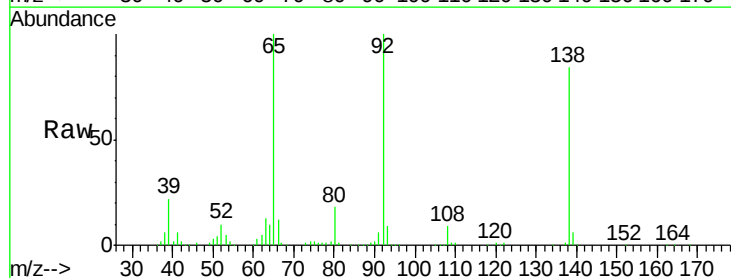
Tgt Ion:138 Resp: 190834

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

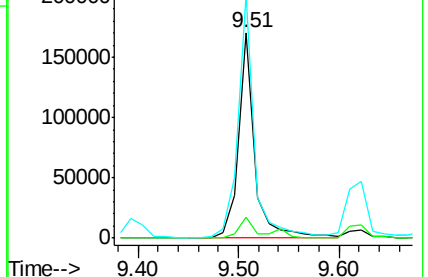
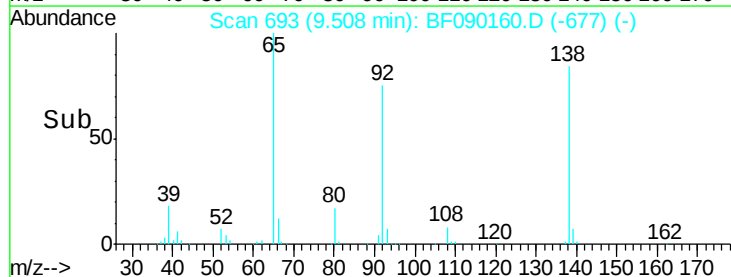
92 118.6 90.7 136.1

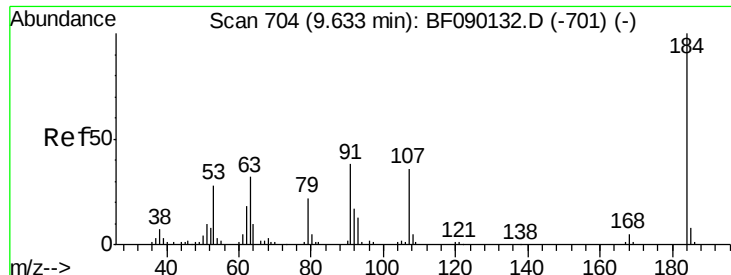


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

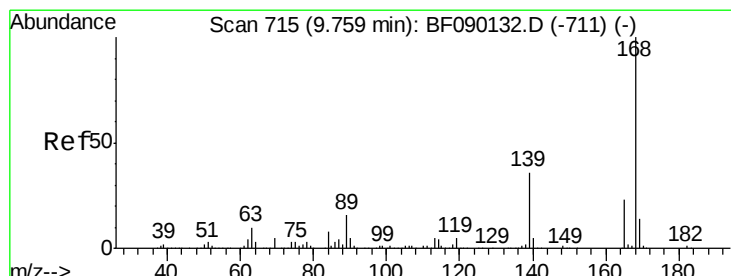
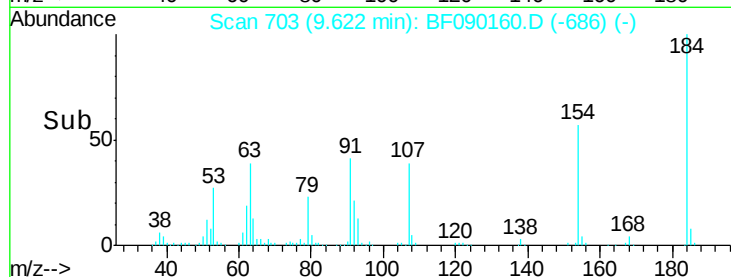
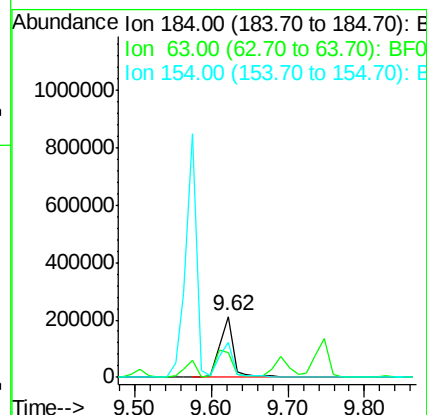
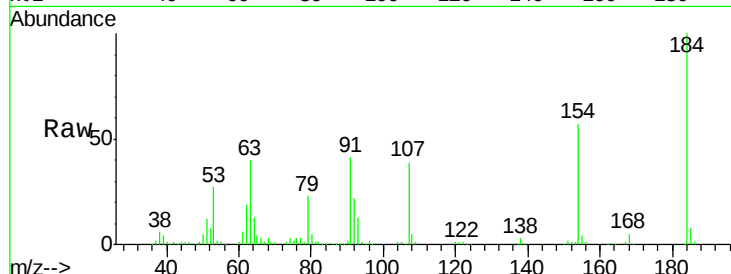




#53
 2,4-Dinitrophenol
 Concen: 86.39 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

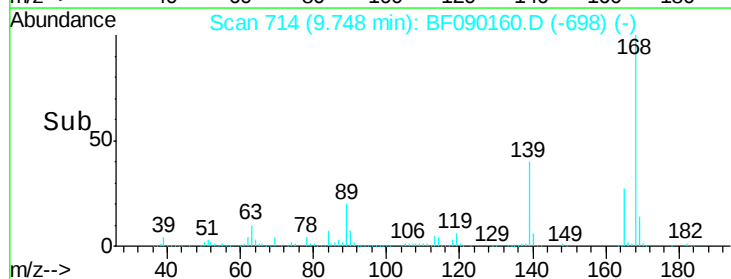
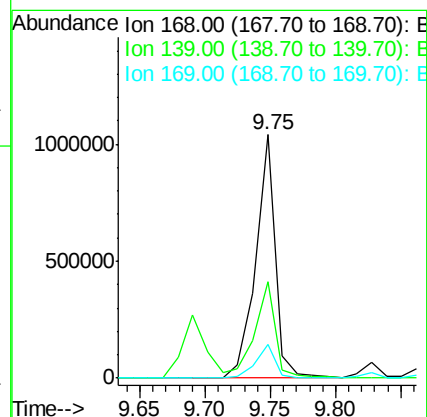
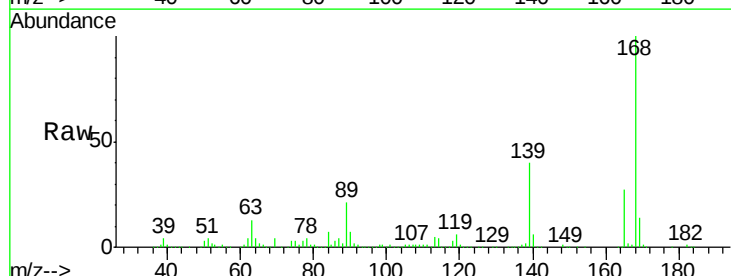
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

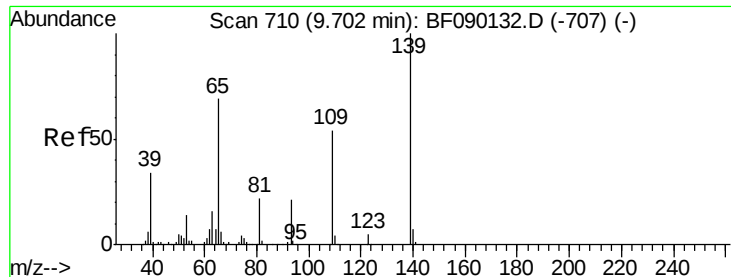
Tot Ion:184 Resp: 262574
 Ion Ratio Lower Upper
 184 100
 63 39.6 44.6 67.0#
 154 57.5 49.7 74.5



#54
 Dibenzofuran
 Concen: 42.71 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion:168 Resp: 1091374
 Ion Ratio Lower Upper
 168 100
 139 39.8 28.8 43.2
 169 13.9 10.7 16.1





#55

4-Nitrophenol

Concen: 77.82 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

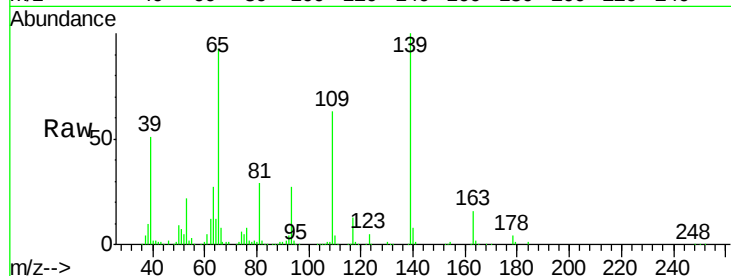
Tot Ion:139 Resp: 338625

Ion Ratio Lower Upper

139 100

109 62.8 35.6 75.6

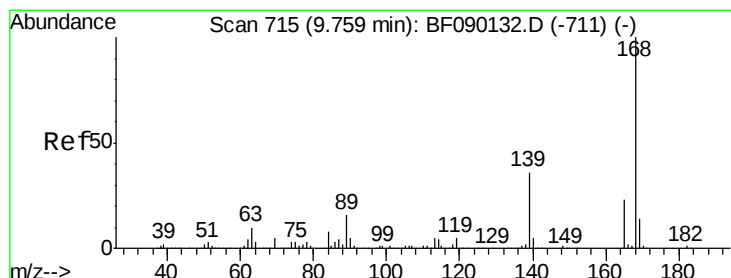
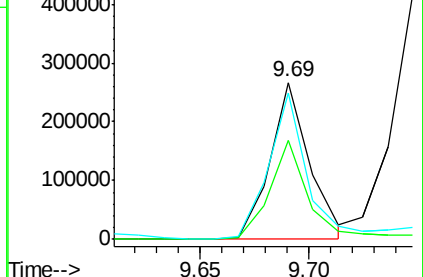
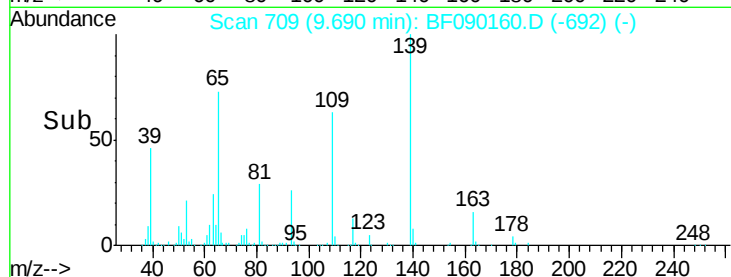
65 93.2 55.5 95.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.29 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Tgt Ion:165 Resp: 296538

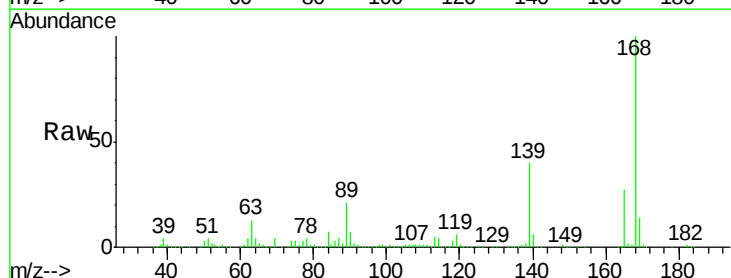
Ion Ratio Lower Upper

165 100

63 48.6 44.4 66.6

89 76.5 70.1 105.1

182 2.2 1.7 2.5

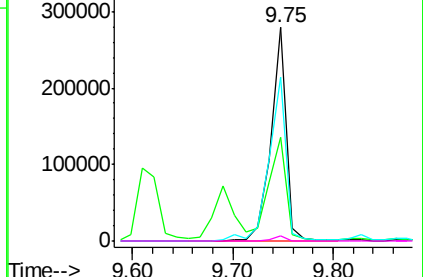
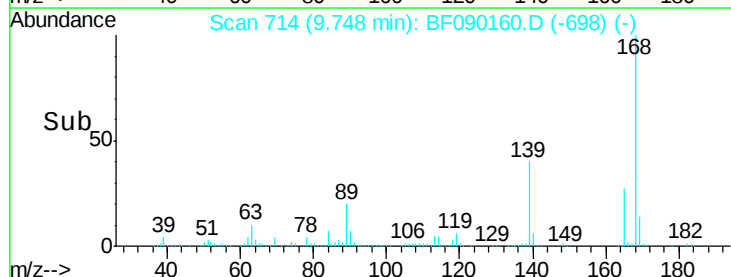


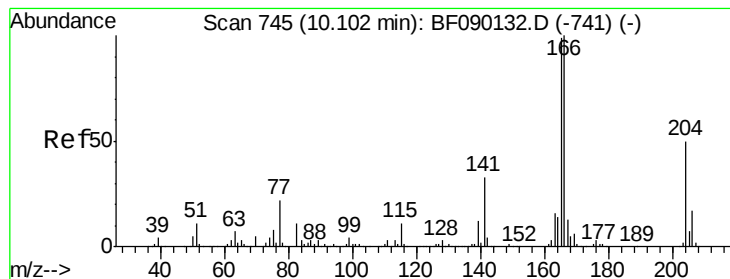
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.99 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

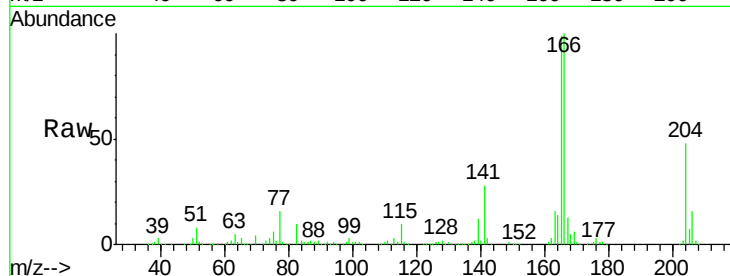
Tot Ion:166 Resp: 904927

Ion Ratio Lower Upper

166 100

165 99.4 78.5 117.7

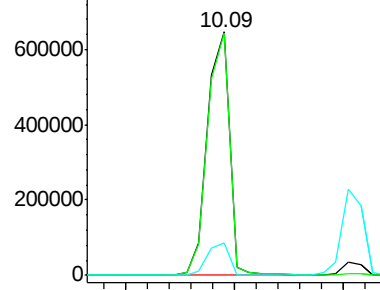
167 13.4 11.2 16.8



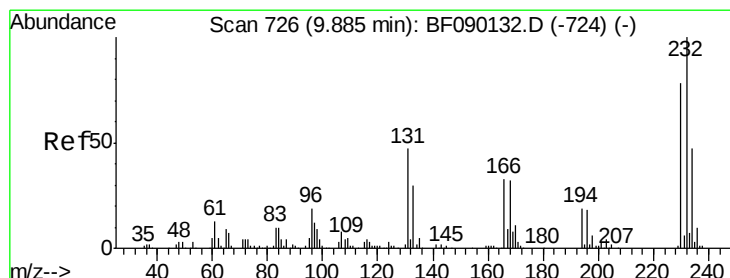
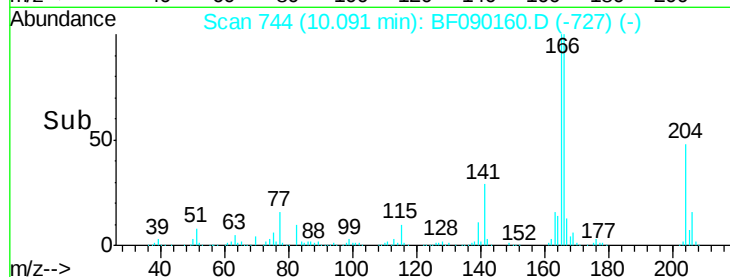
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.81 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Tgt Ion:232 Resp: 236183

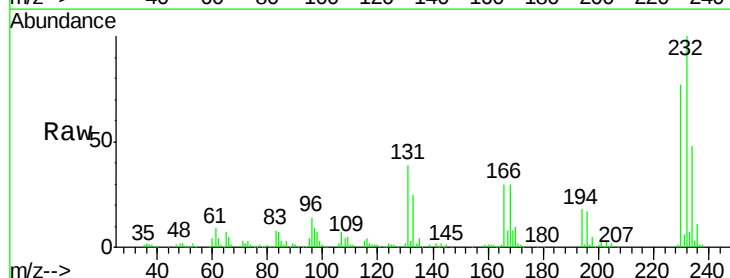
Ion Ratio Lower Upper

232 100

131 48.6 42.2 63.4

130 2.3 1.9 2.9

166 33.2 26.4 39.6

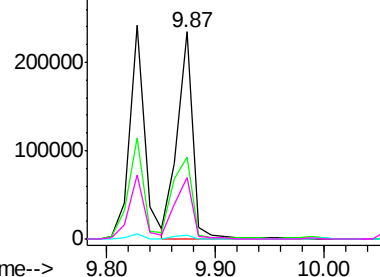


Abundance Ion 232.00 (231.70 to 232.70): E

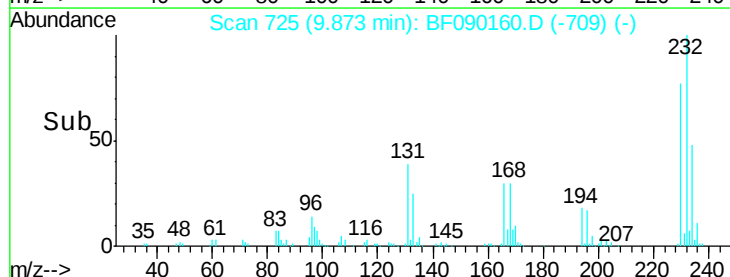
Ion 131.00 (130.70 to 131.70): E

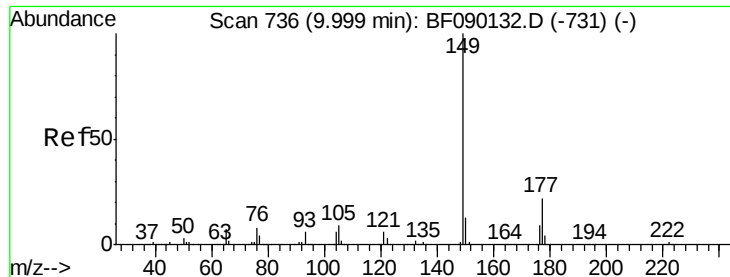
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

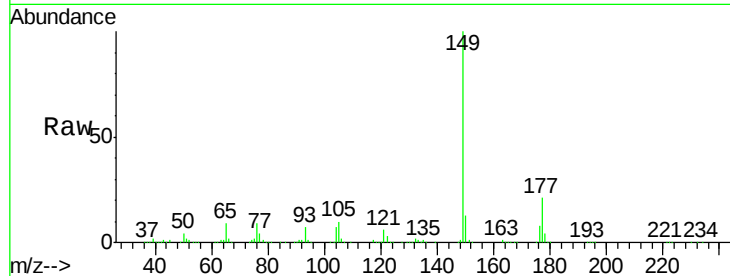




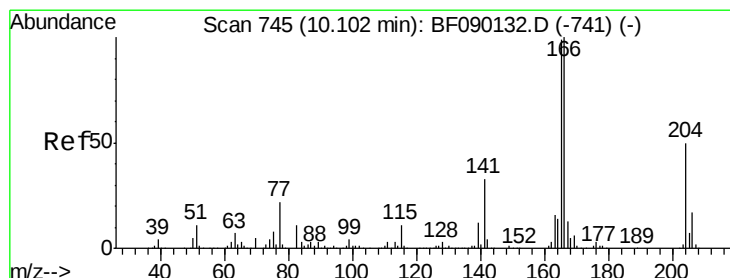
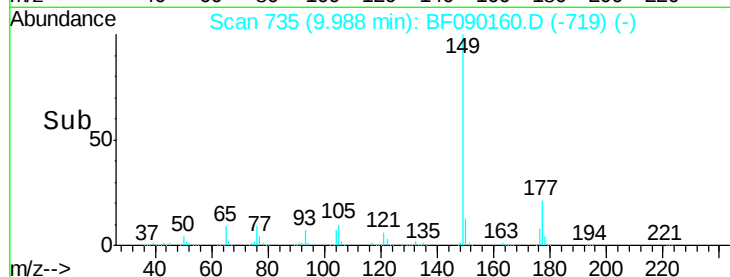
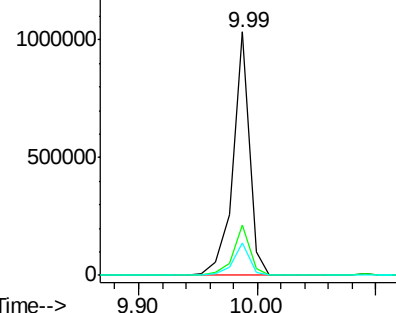
#59
Diethylphthalate
Concen: 42.72 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB93510BS

Tot Ion:149 Resp: 1002782
Ion Ratio Lower Upper
149 100
177 20.7 15.8 23.6
150 13.1 10.4 15.6

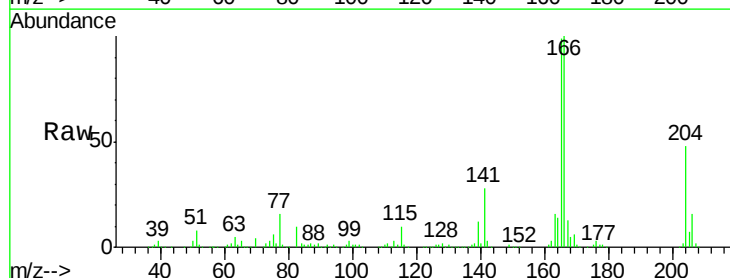


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

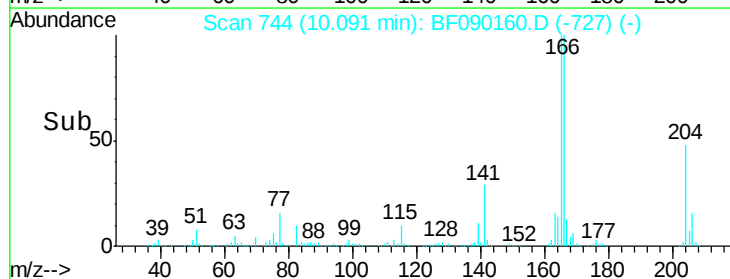
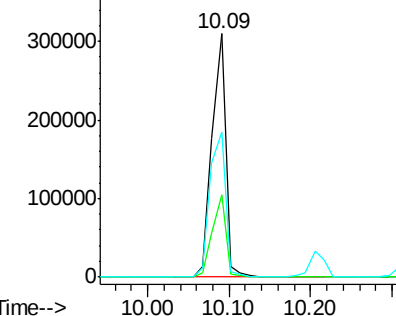


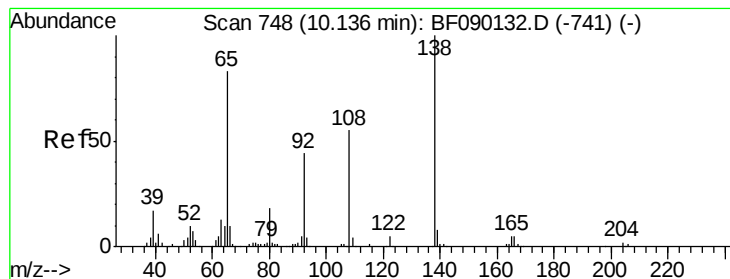
#60
4-Chlorophenyl-phenylether
Concen: 40.98 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion:204 Resp: 359809
Ion Ratio Lower Upper
204 100
206 33.8 25.6 38.4
141 59.4 64.4 96.6#



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





#61

4-Nitroaniline

Concen: 43.96 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampled :

PB93510BS

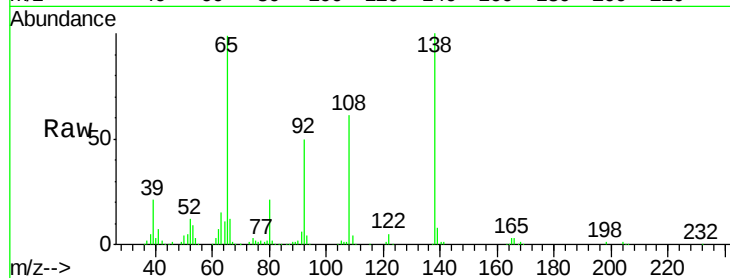
Tot Ion:138 Resp: 284609

Ion Ratio Lower Upper

138 100

92 50.1 23.8 63.8

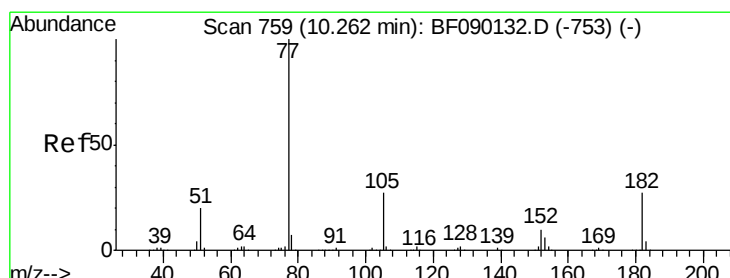
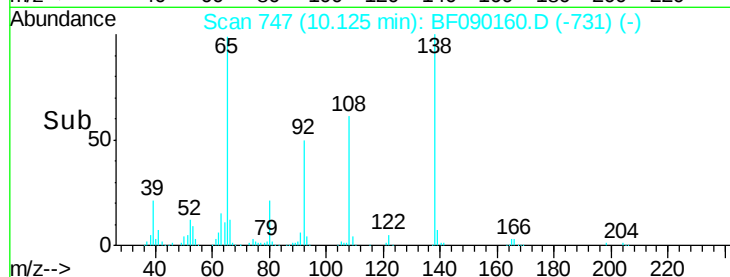
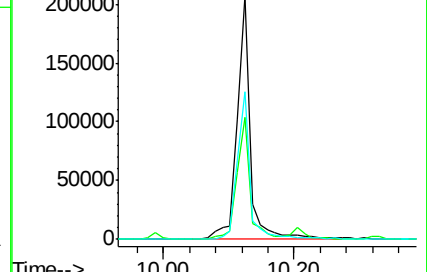
108 60.9 35.0 75.0



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: 46.45 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Tgt Ion: 77 Resp: 1134873

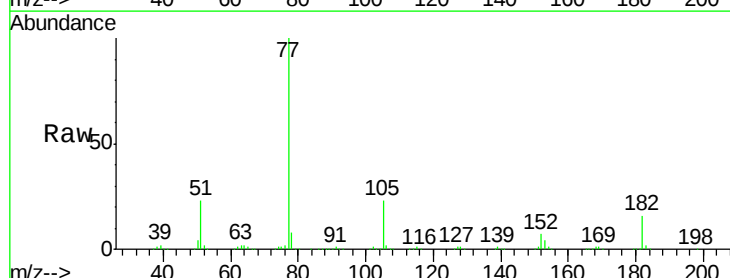
Ion Ratio Lower Upper

77 100

182 16.4 0.0 38.4

105 23.3 3.8 43.8

51 23.3 2.6 42.6

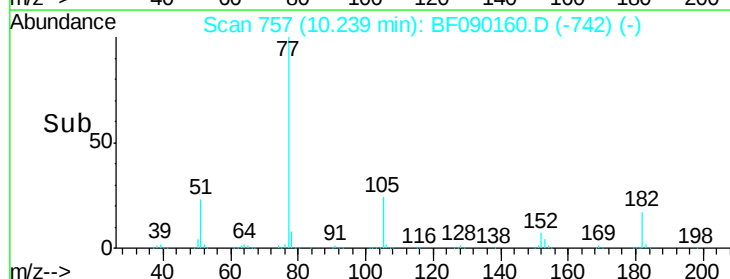
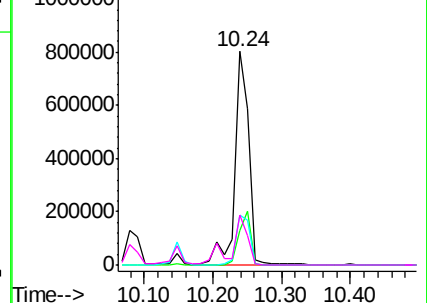


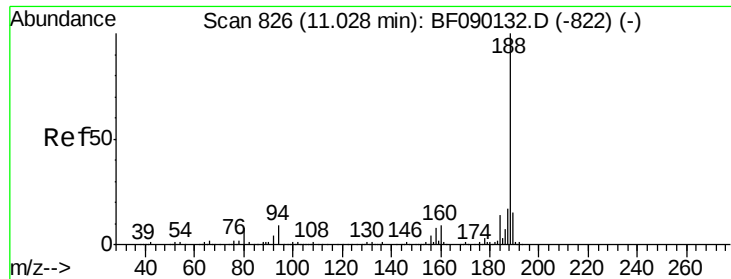
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

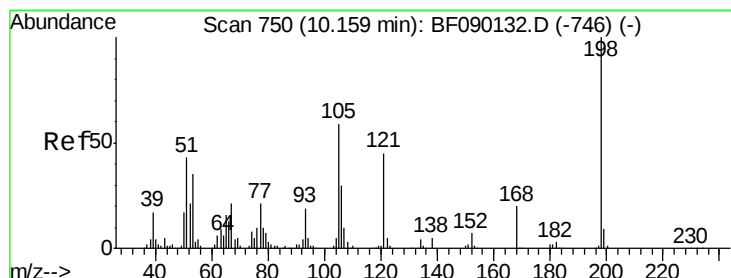
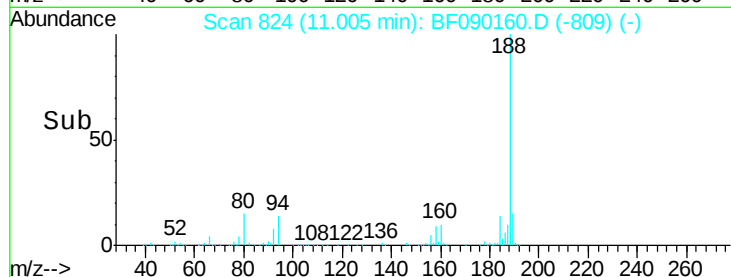
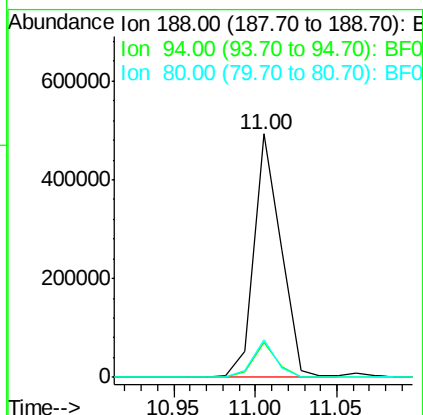
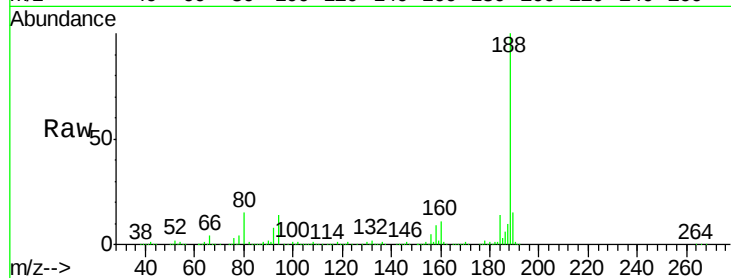




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

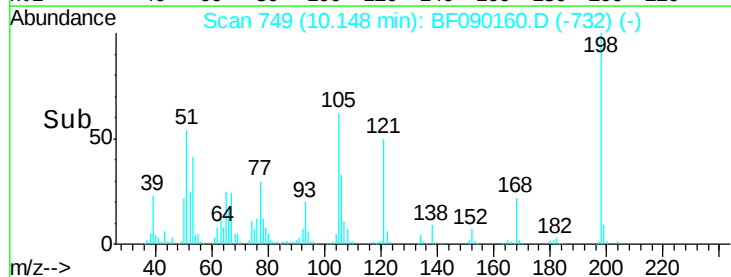
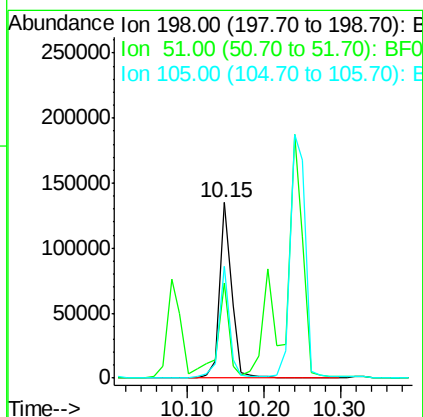
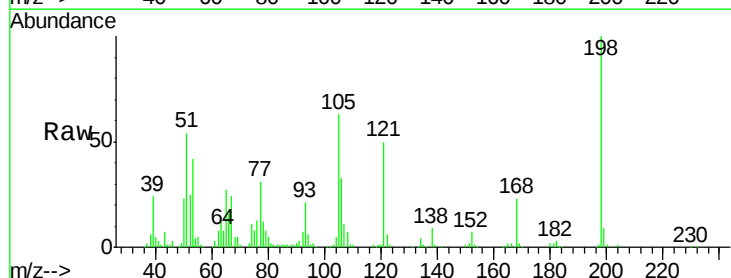
Instrument :
BNA_F
ClientSampleId :
PB93510BS

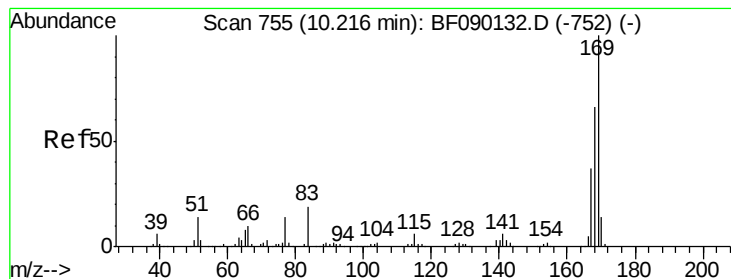
Tot Ion:188 Resp: 568472
Ion Ratio Lower Upper
188 100
94 14.3 10.5 15.7
80 15.3 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.16 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion:198 Resp: 150131
Ion Ratio Lower Upper
198 100
51 54.4 5.5 45.5#
105 63.4 21.8 61.8#

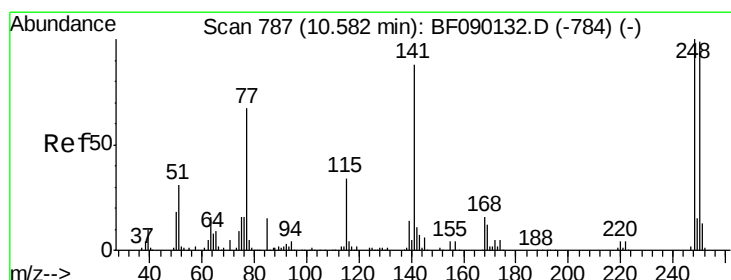
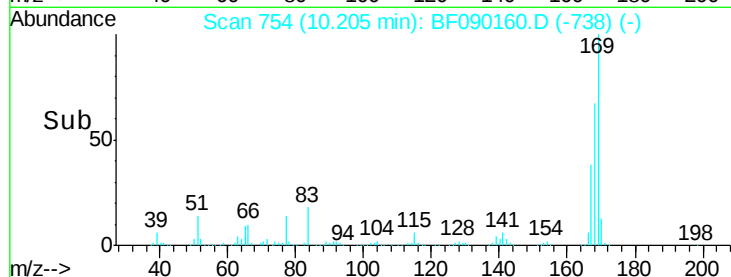
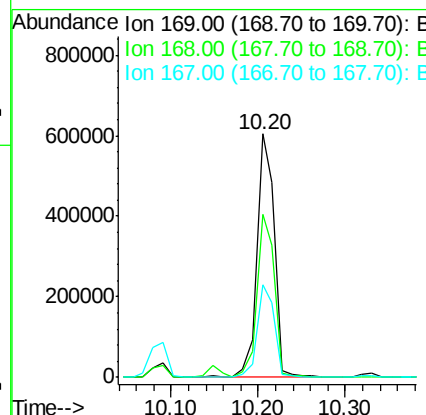
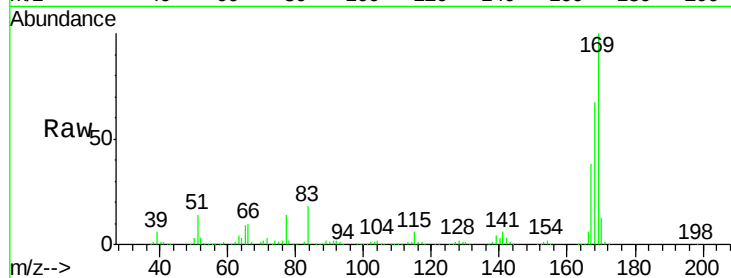




#65
 n-Nitrosodiphenylamine
 Concen: 45.36 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

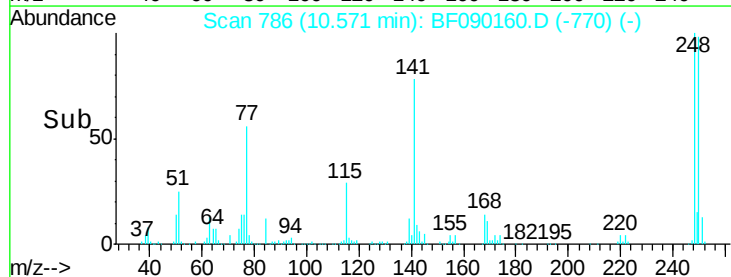
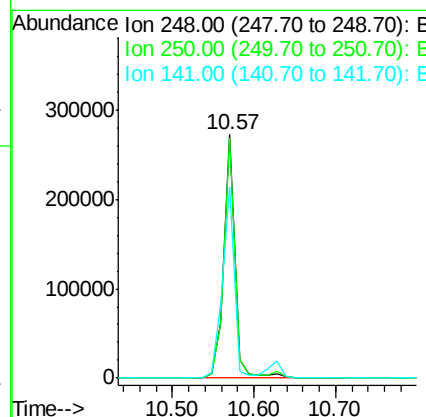
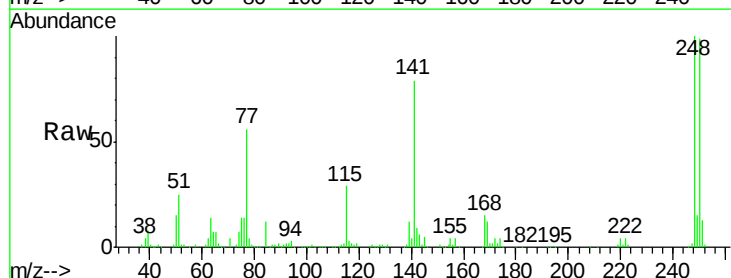
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

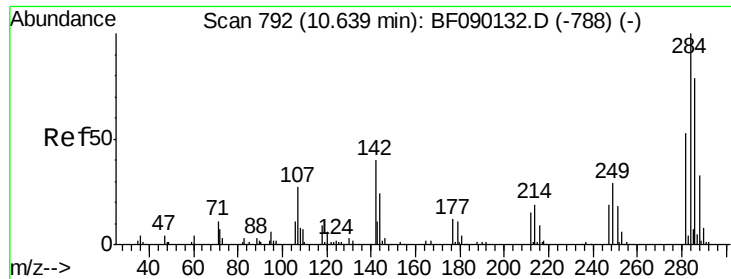
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.4
167	37.8	30.3	45.5



#66
 4-Bromophenyl-phenylether
 Concen: 46.61 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.4	119.2
141	78.5	49.3	73.9

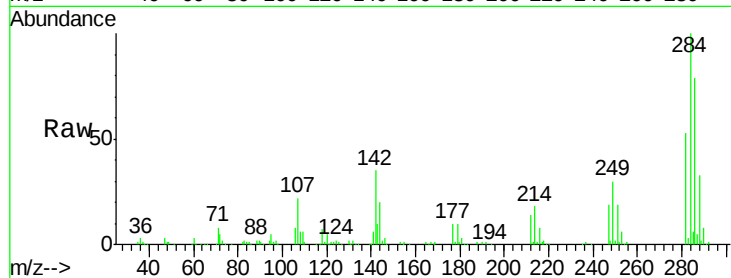




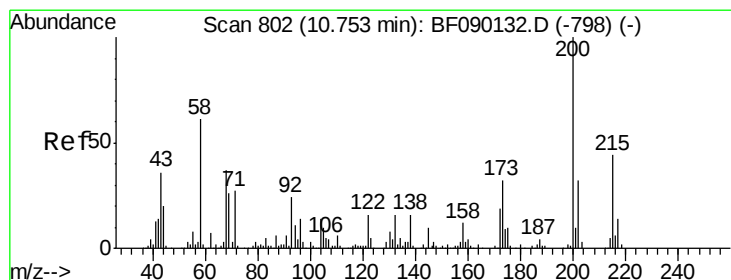
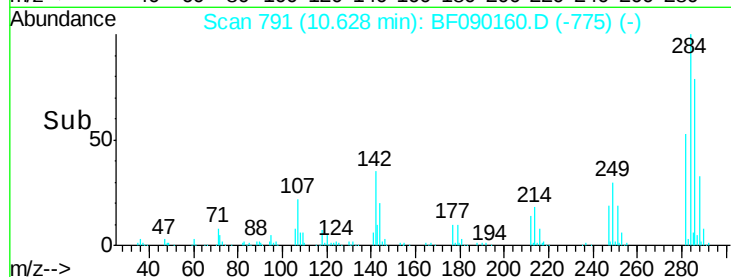
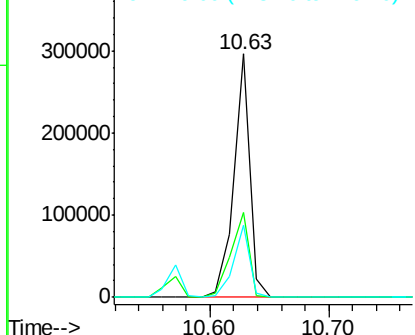
#67
Hexachlorobenzene
Concen: 42.71 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB93510BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	24.0	36.0
249	29.8	23.8	35.6

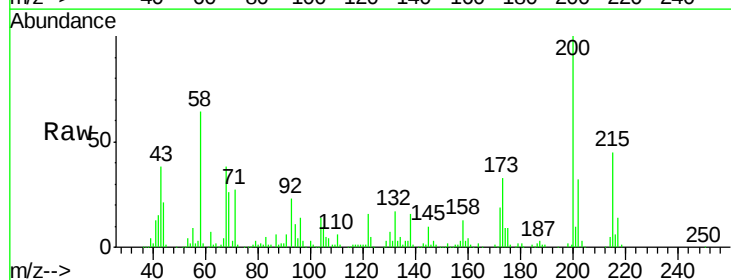


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

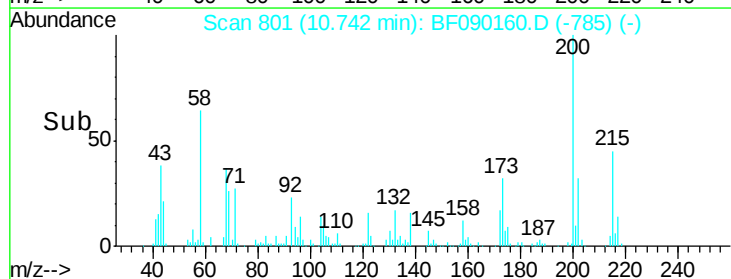
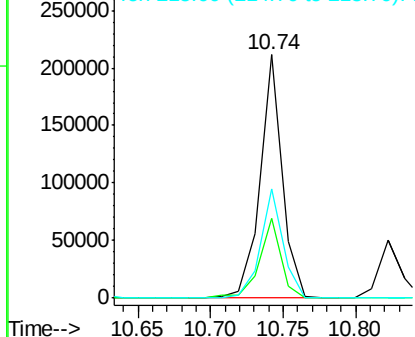


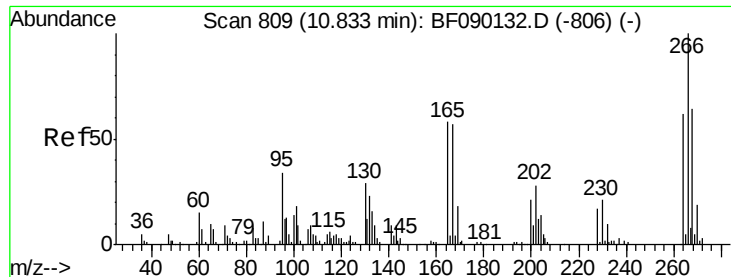
#68
Atrazine
Concen: 43.83 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.6	9.3	49.3
215	44.9	26.1	66.1



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

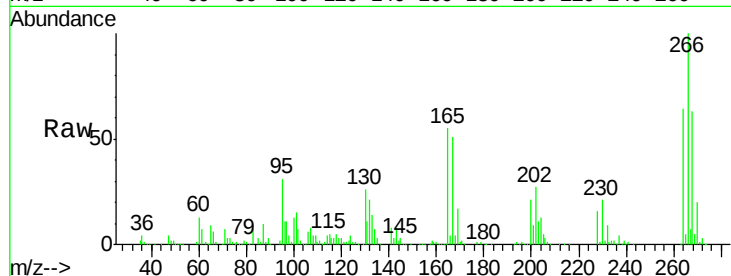




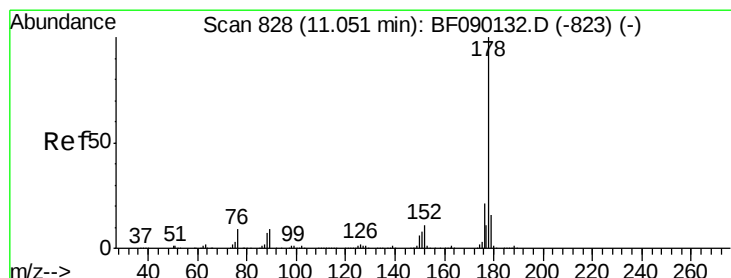
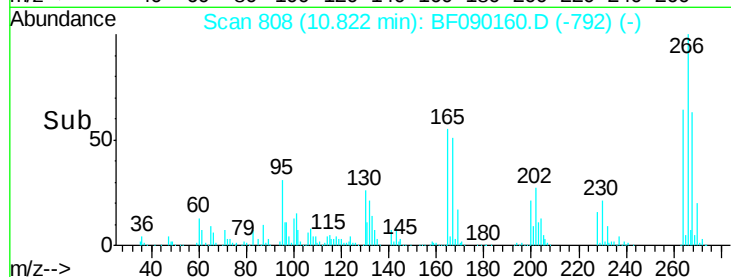
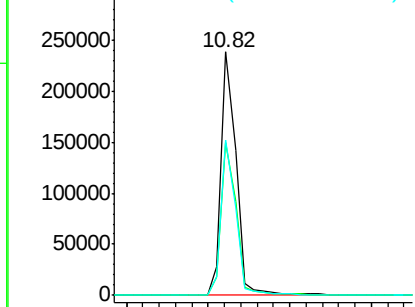
#69
 Pentachlorophenol
 Concen: 81.99 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

Tot Ion:266 Resp: 303397
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.1 78.1
 264 63.9 50.3 75.5

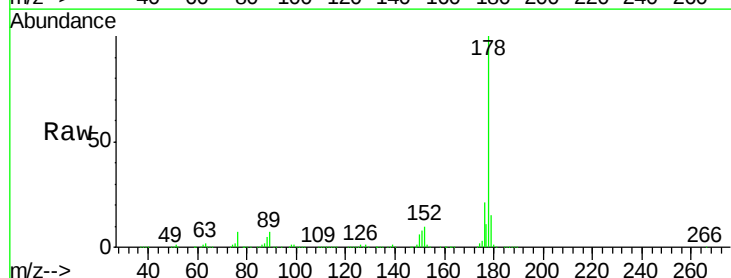


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

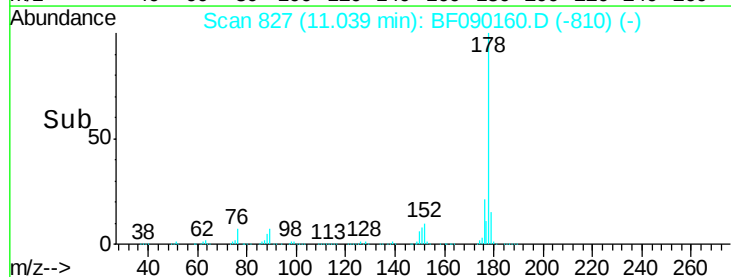
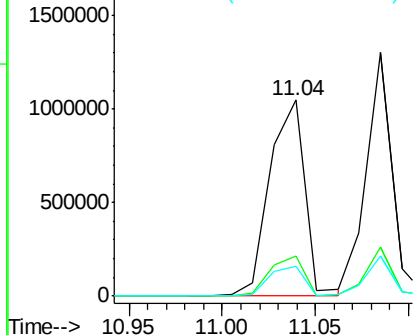


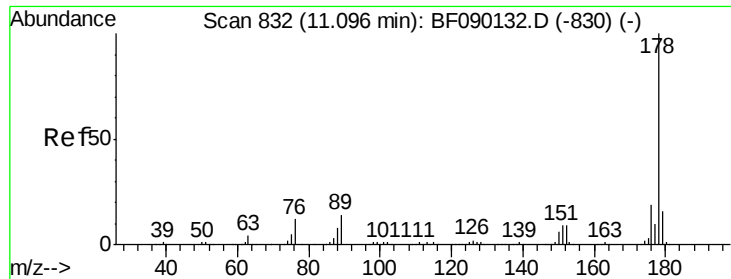
#70
 Phenanthrene
 Concen: 51.54 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion:178 Resp: 1370160
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.9 23.9
 179 15.3 12.9 19.3



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

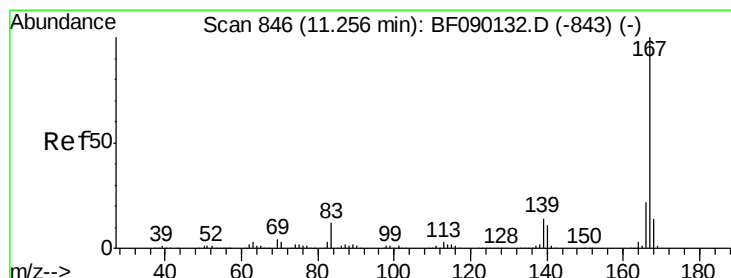
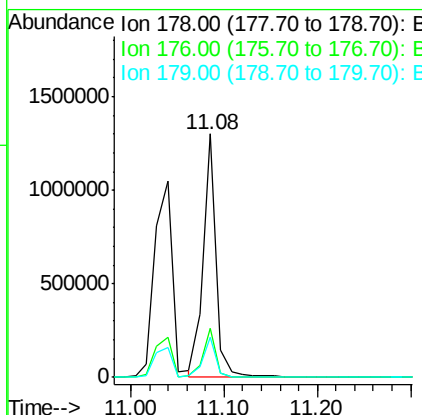
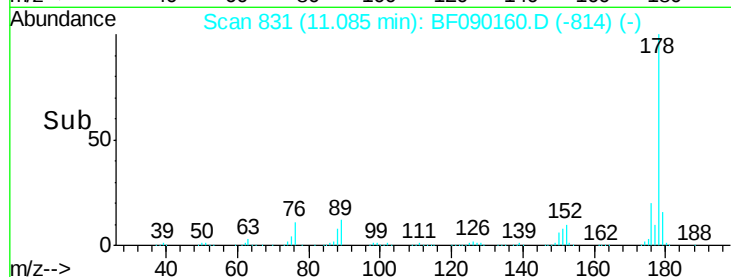
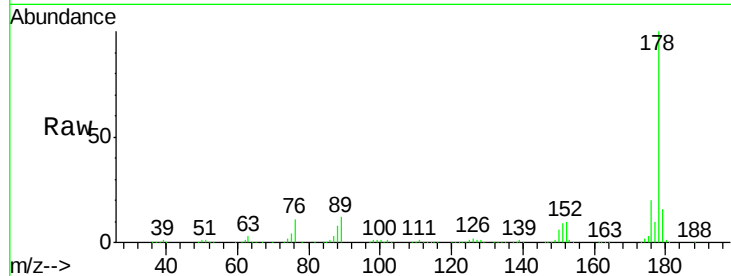




#71
 Anthracene
 Concen: 45.65 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

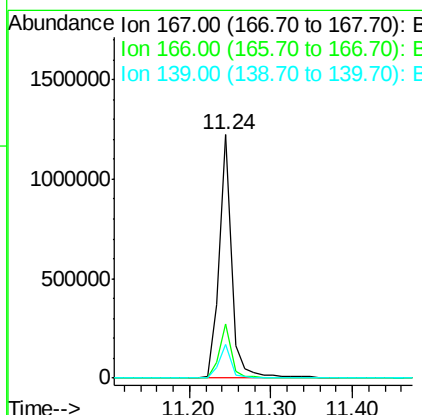
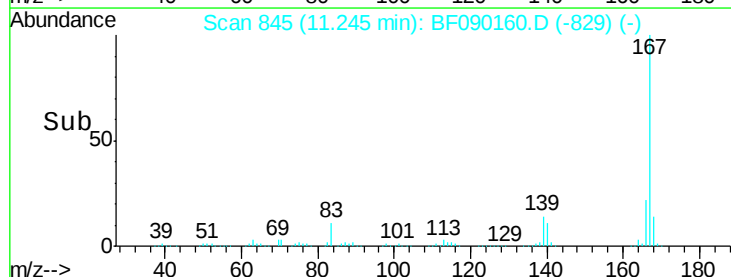
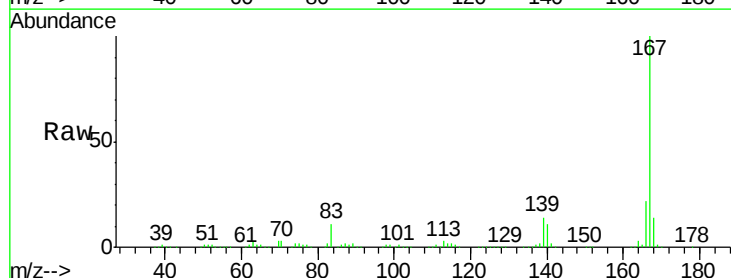
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

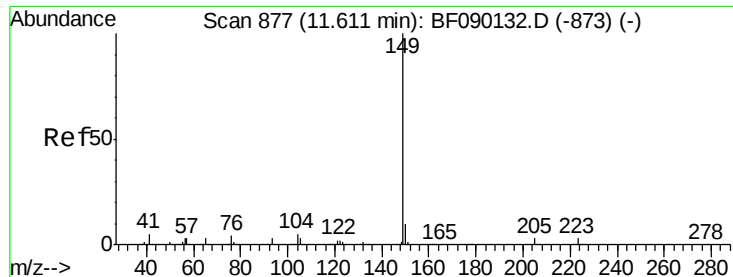
Tot Ion:178 Resp: 1272768
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.6
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 44.42 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion:167 Resp: 1309279
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.0 10.4 15.6





#73

Di-n-butylphthalate

Concen: 49.14 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

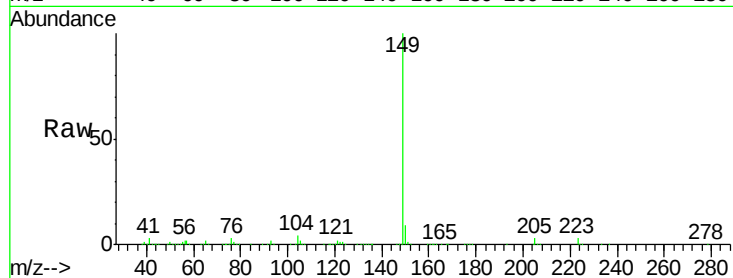
Tot Ion:149 Resp: 1684325

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

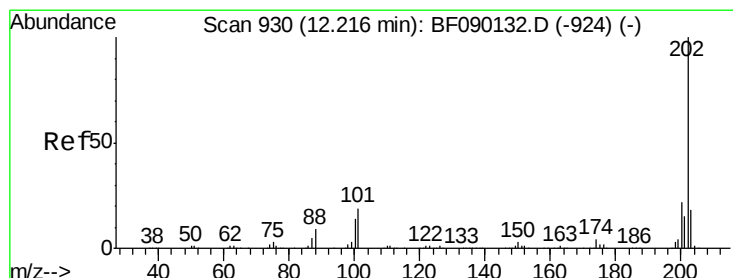
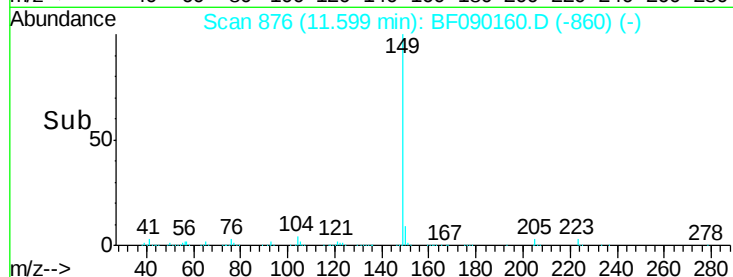
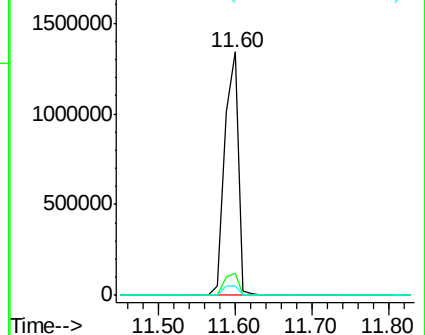
104 3.8 3.9 5.9#



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: 41.69 ng

RT: 12.21 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

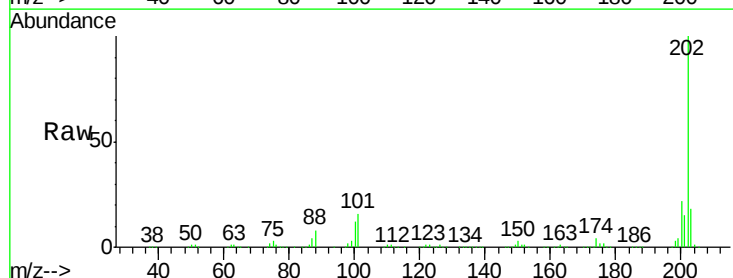
Tgt Ion:202 Resp: 1189837

Ion Ratio Lower Upper

202 100

101 16.2 0.0 36.1

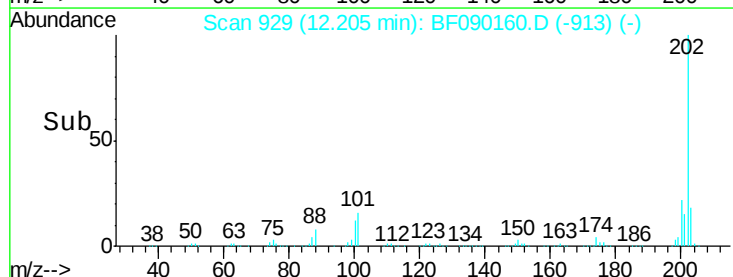
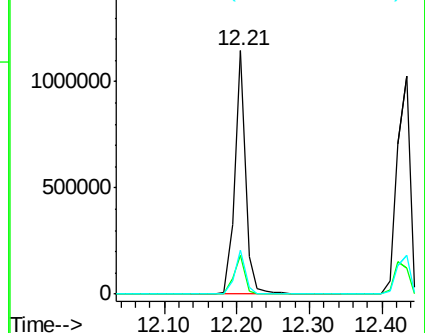
203 18.1 0.0 38.2

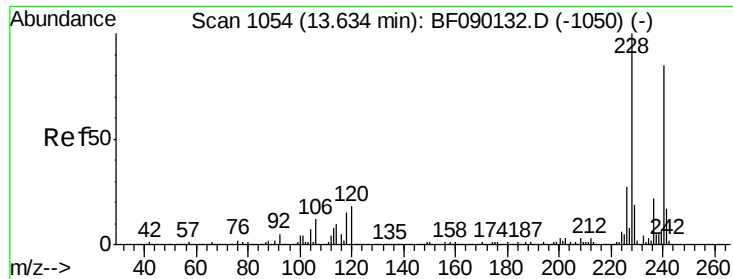


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

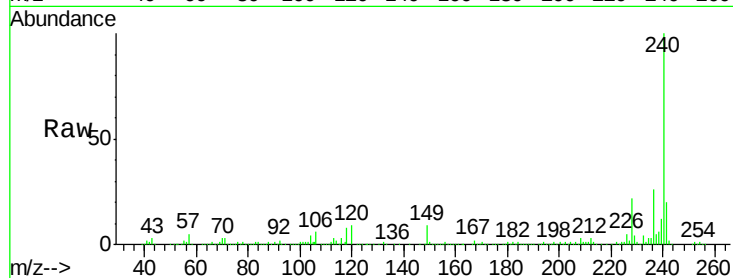
Tot Ion:240 Resp: 380057

Ion Ratio Lower Upper

240 100

120 9.4 10.6 16.0#

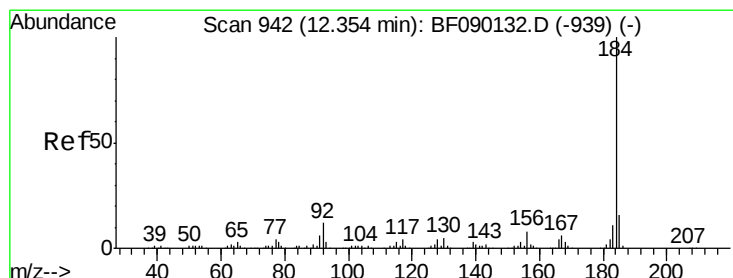
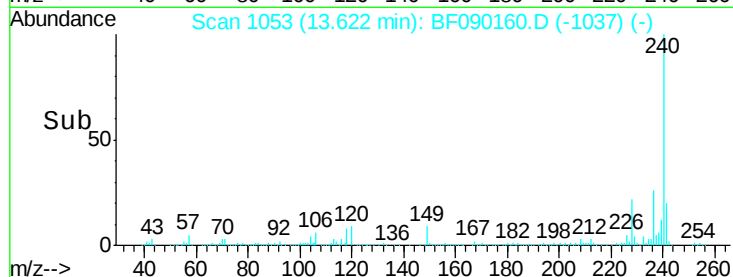
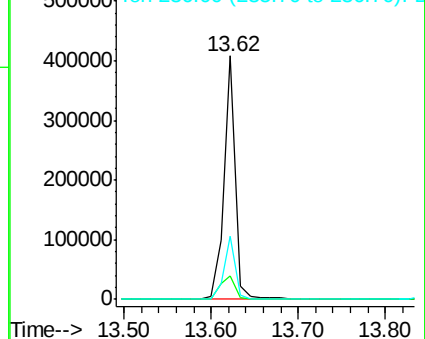
236 26.1 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.87 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

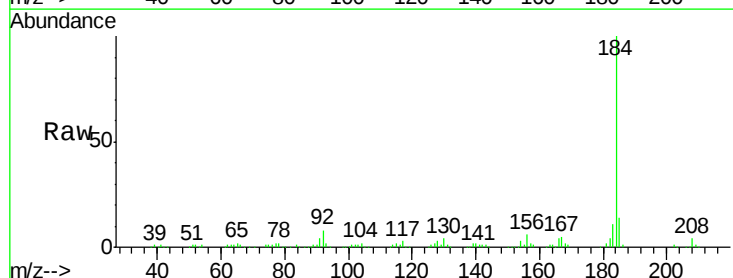
Tgt Ion:184 Resp: 329084

Ion Ratio Lower Upper

184 100

185 13.9 13.2 19.8

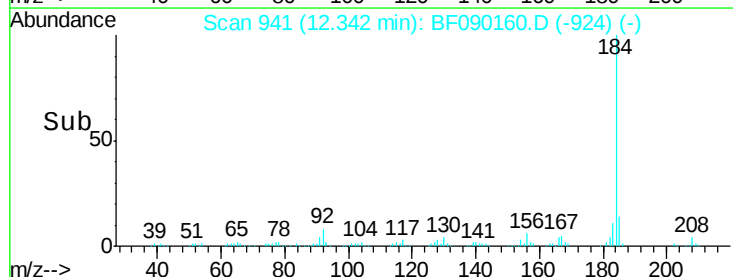
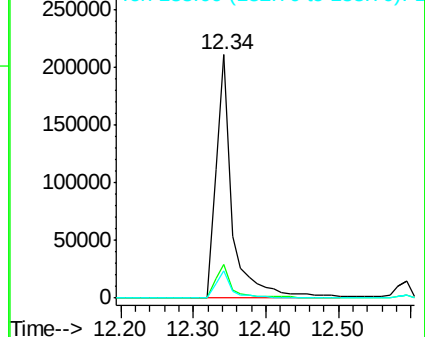
183 11.2 9.2 13.8

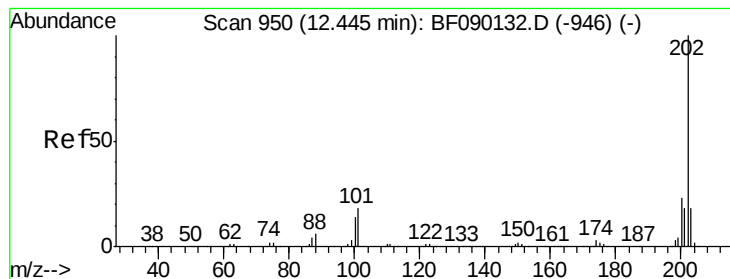


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.13 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

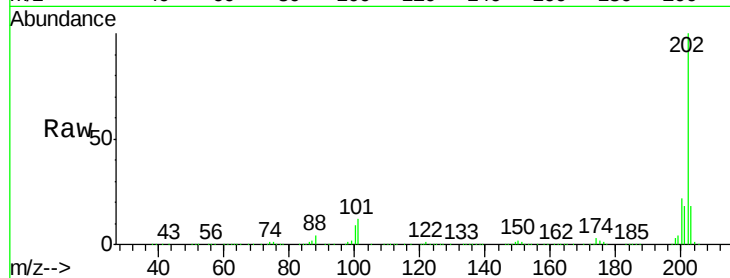
Tot Ion:202 Resp: 1277817

Ion Ratio Lower Upper

202 100

200 22.1 17.9 26.9

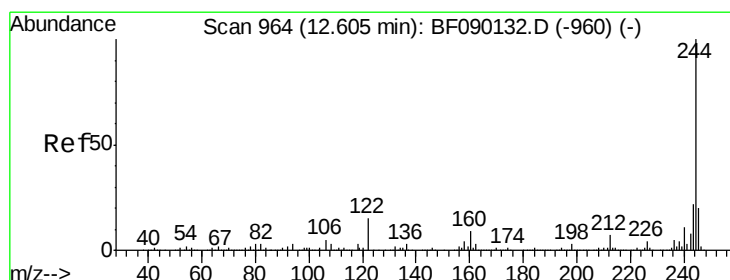
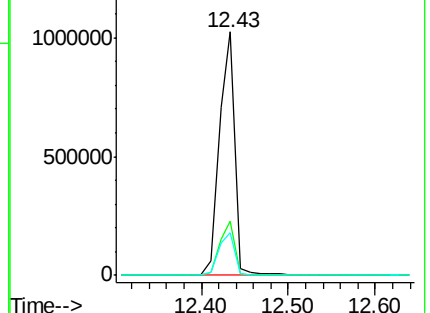
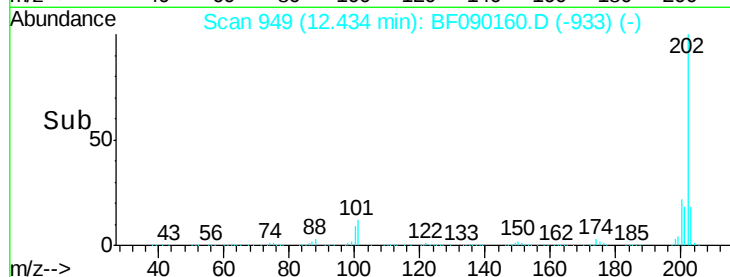
203 17.7 14.2 21.4



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: 91.84 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

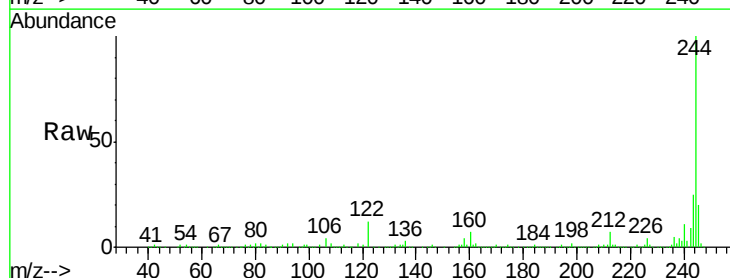
Tgt Ion:244 Resp: 1374853

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

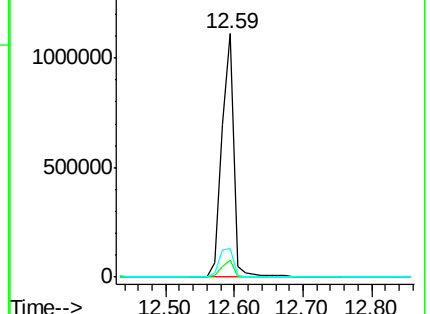
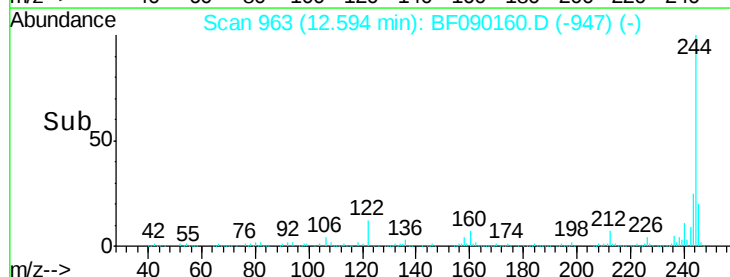
122 11.9 9.4 14.0

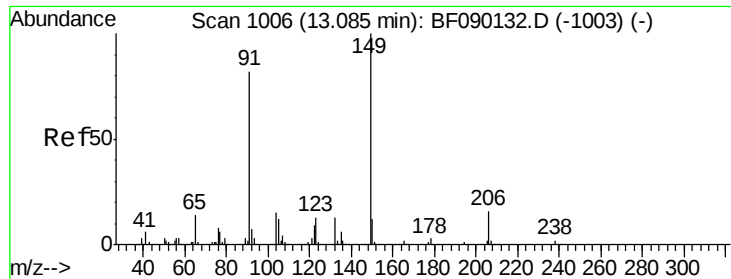


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

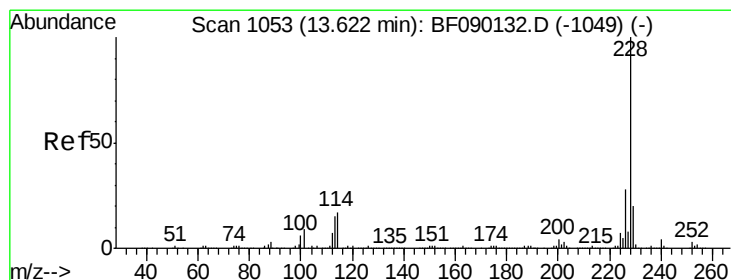
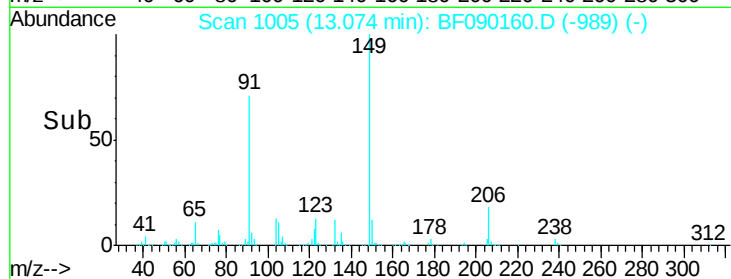
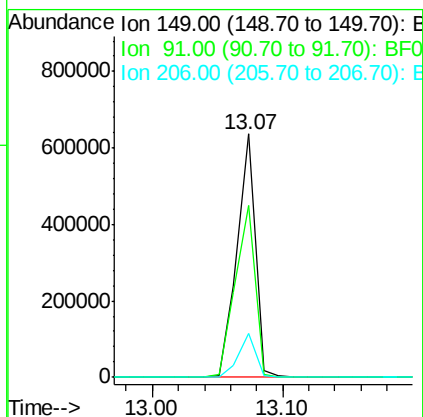
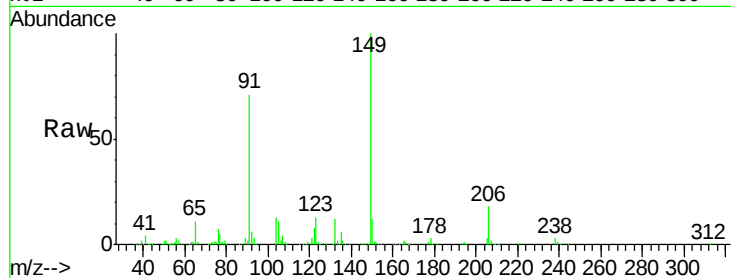




#79
Butylbenzylphthalate
Concen: 49.12 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

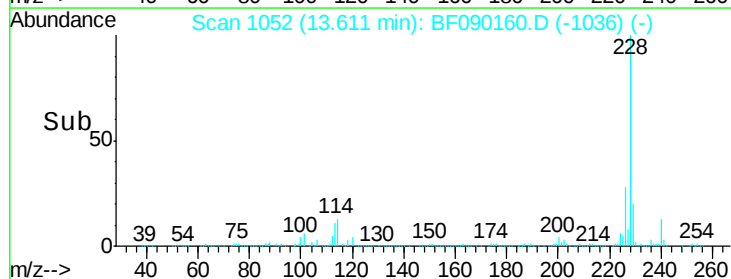
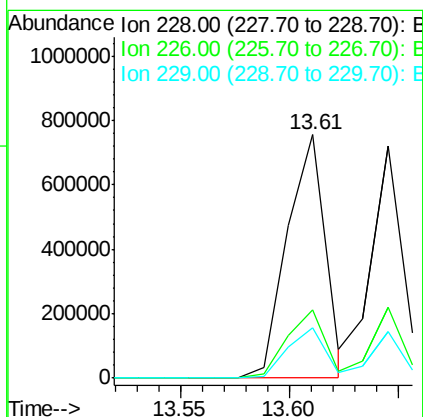
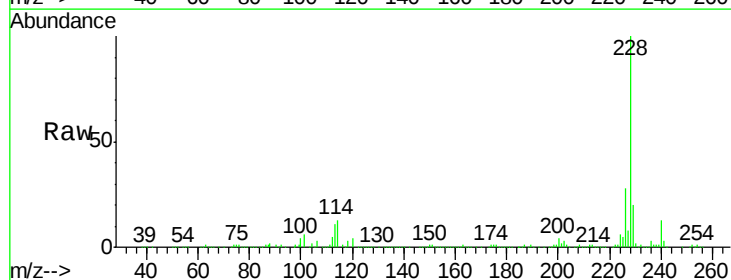
Instrument :
BNA_F
ClientSampleId :
PB93510BS

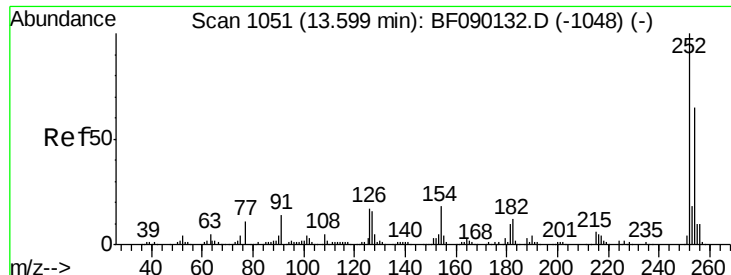
Tot Ion:149 Resp: 624839
Ion Ratio Lower Upper
149 100
91 70.8 49.8 74.6
206 18.1 16.3 24.5



#80
Benzo(a)anthracene
Concen: 45.35 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion:228 Resp: 927319
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.4 16.2 24.2

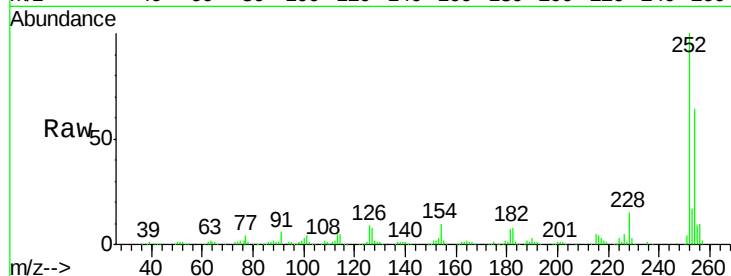




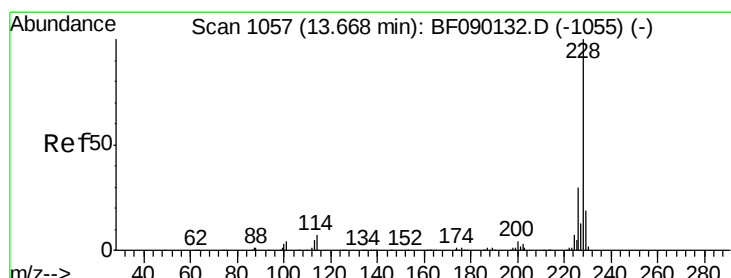
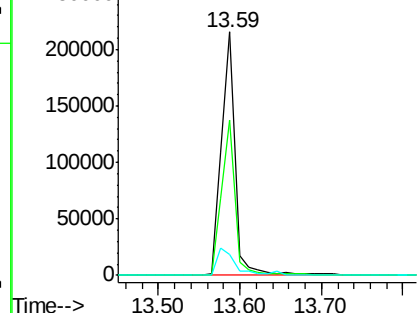
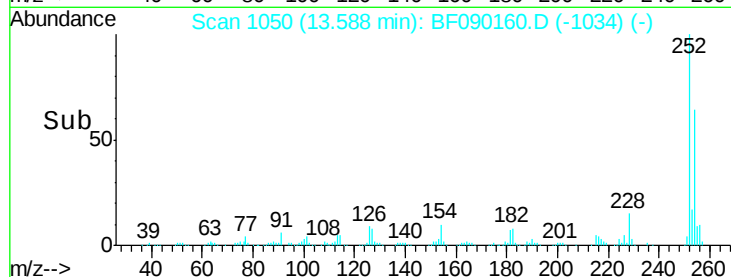
#81
 3,3'-Dichlorobenzidine
 Concen: 30.14 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.7	76.1
126	8.6	9.2	13.8

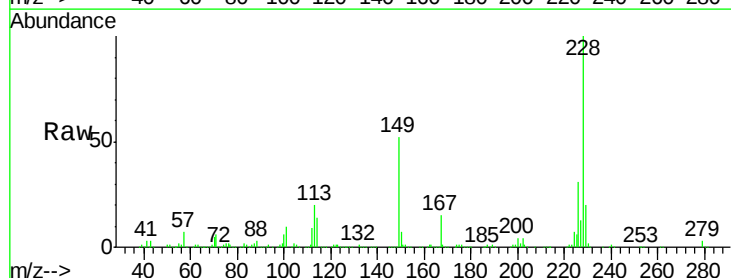


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

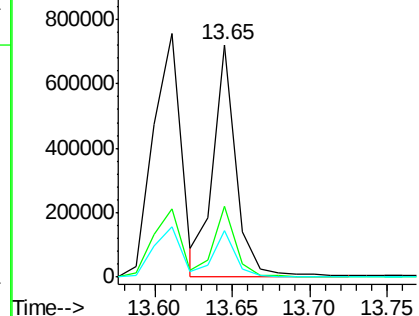
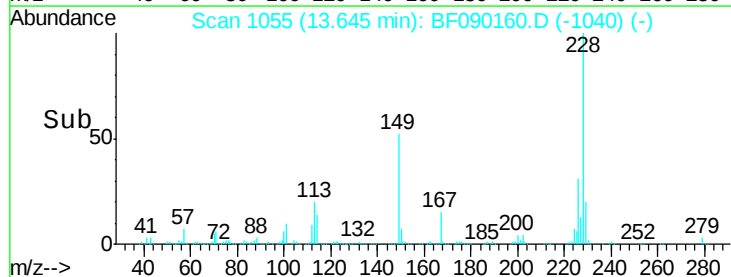


#82
 Chrysene
 Concen: 38.51 ng m
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.9	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

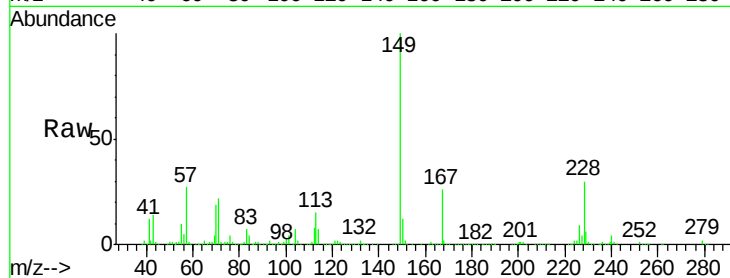
Tot Ion:149 Resp: 716296

Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

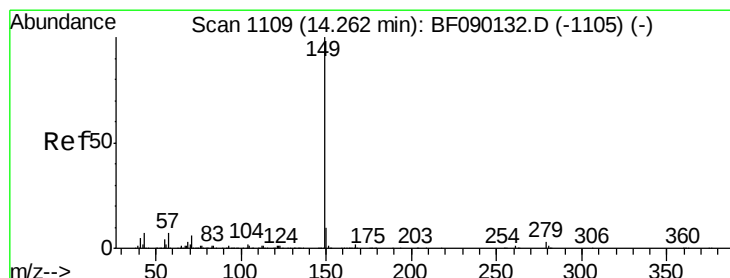
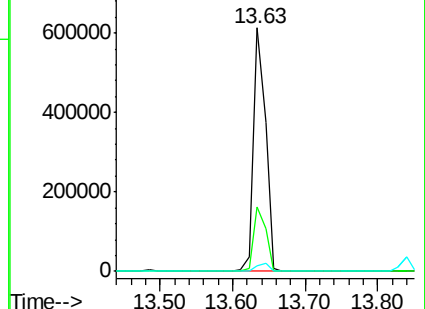
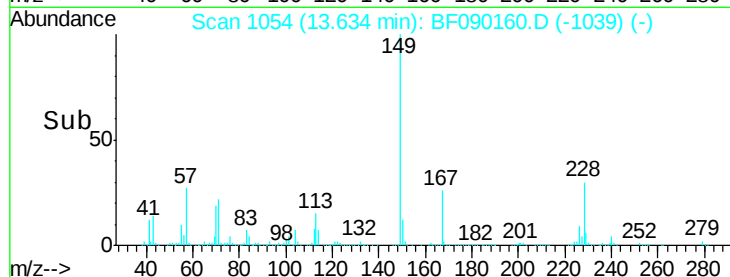
279 2.2 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.14 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

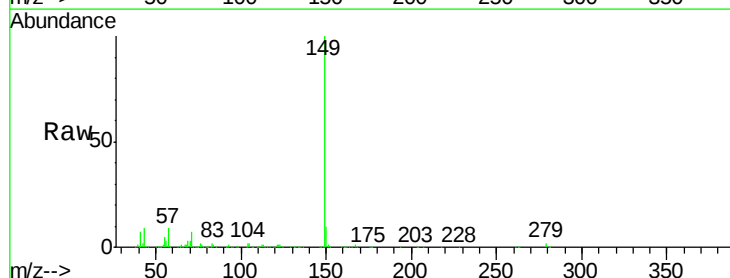
Tgt Ion:149 Resp: 1294027

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

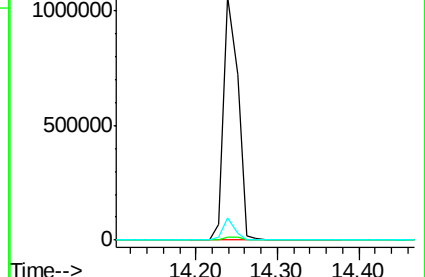
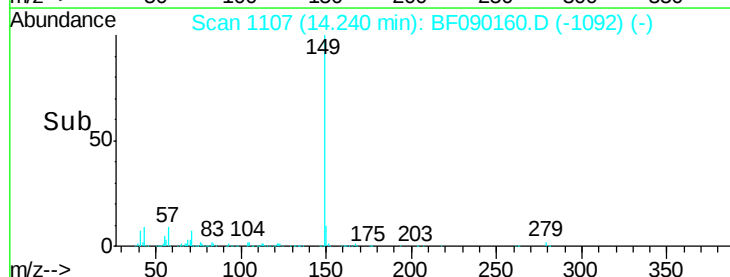
43 7.2 6.8 10.2

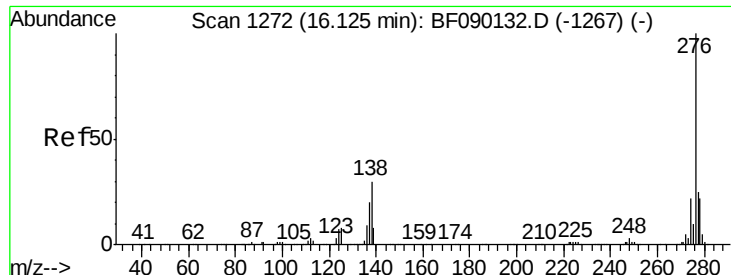


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

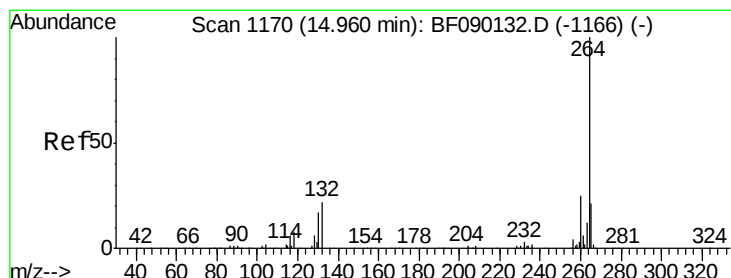
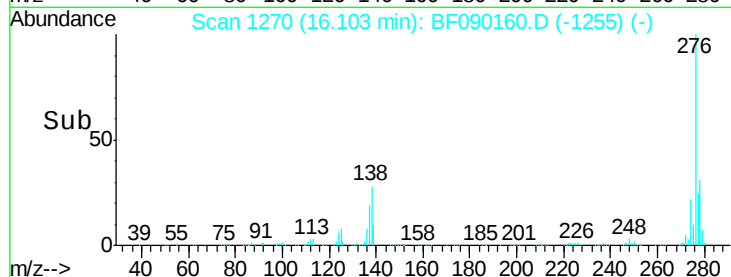
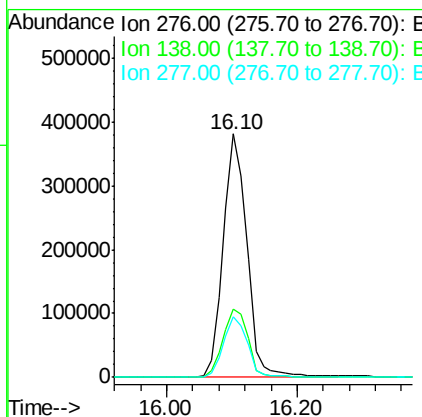
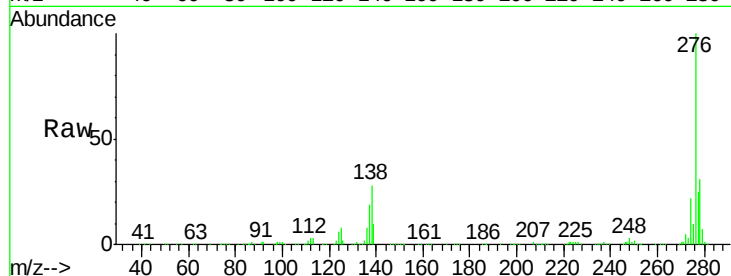




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.97 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

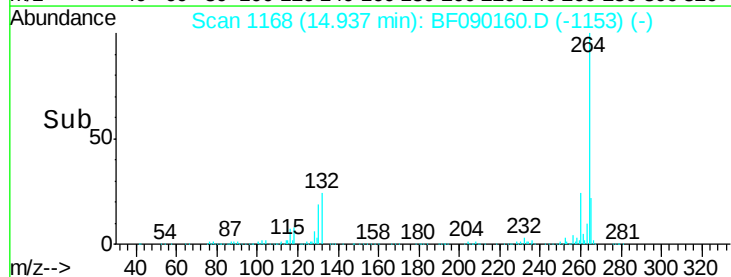
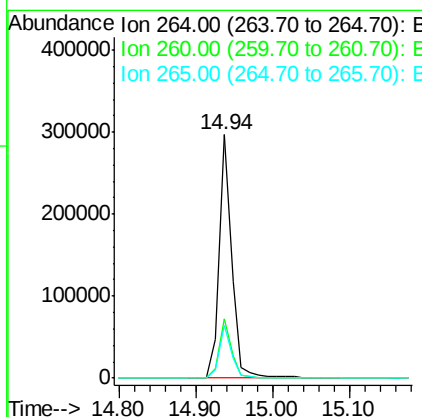
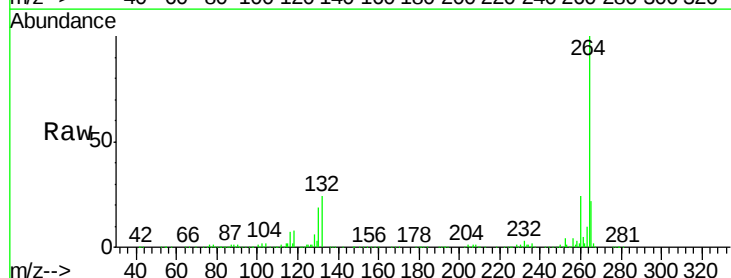
Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

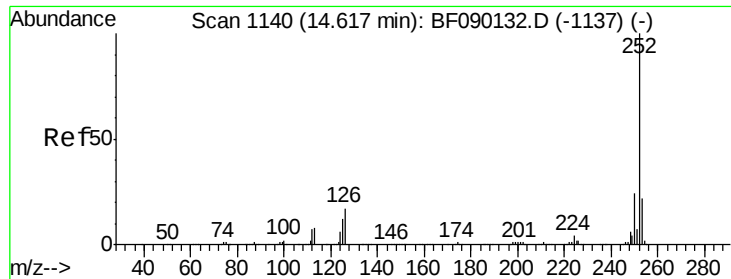
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.9	38.9
277	25.2	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 60.61 ng m

RT: 14.59 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB93510BS

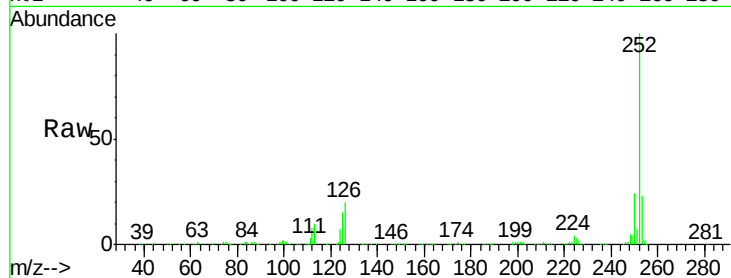
Tot Ion:252 Resp: 1146190

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

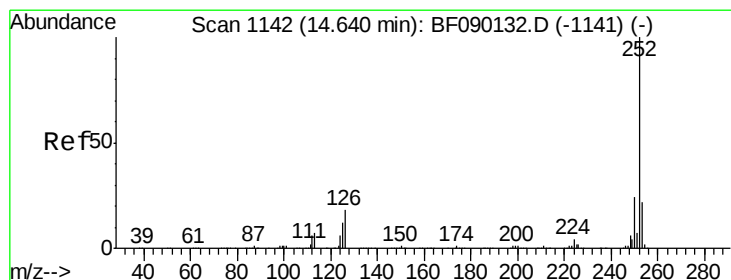
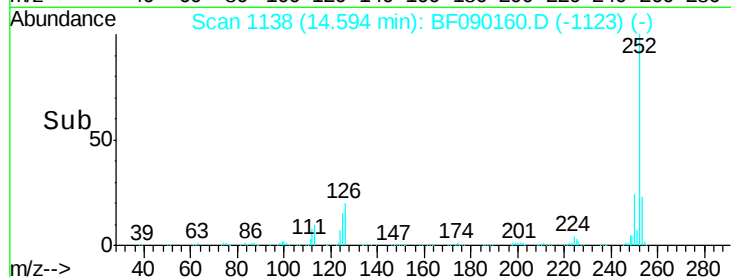
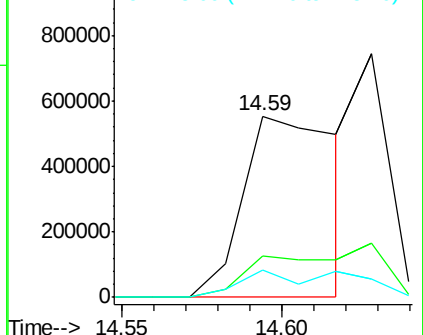
125 15.0 12.7 19.1



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: 32.28 ng m

RT: 14.63 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF090160.D

Acq: 21 Sep 2016 14:59

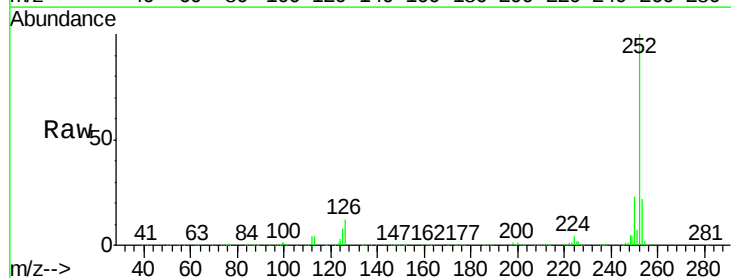
Tgt Ion:252 Resp: 572947

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

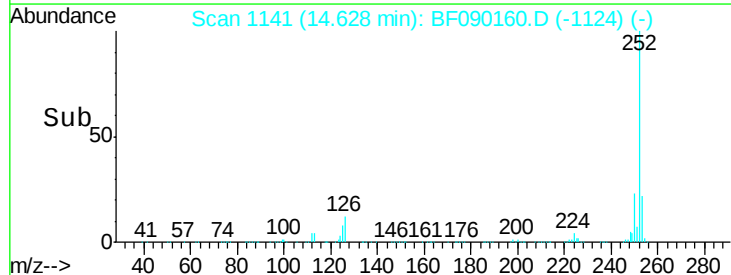
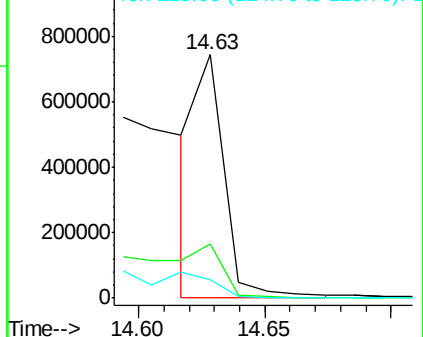
125 7.7 7.8 11.6#

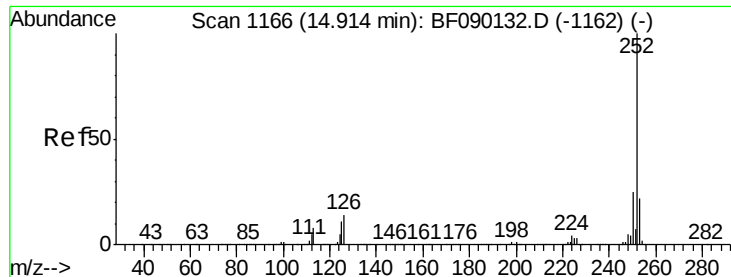


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

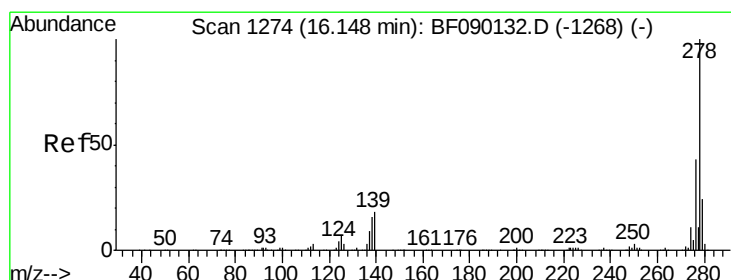
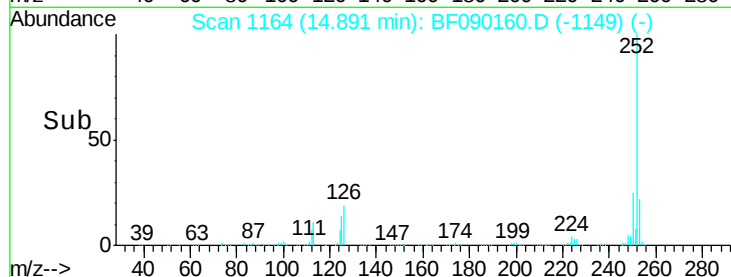
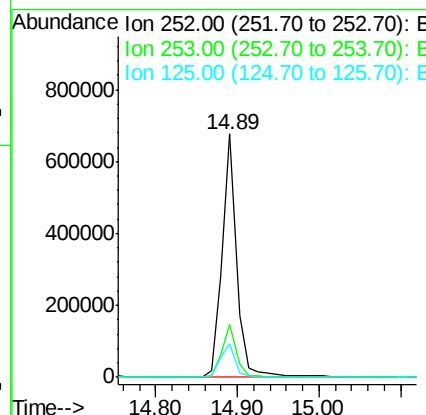
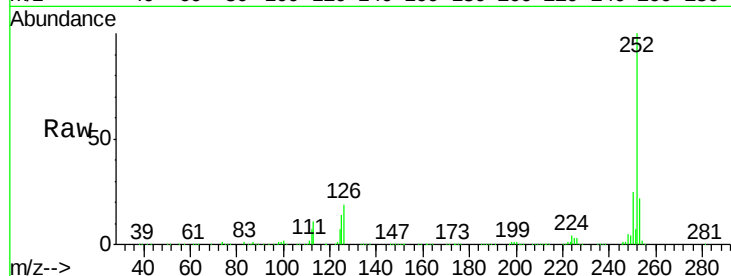




#89
Benzo(a)pyrene
Concen: 46.82 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

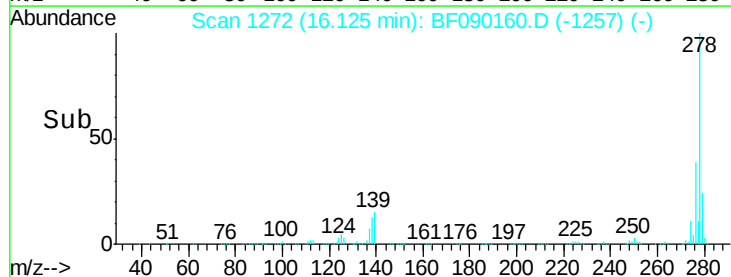
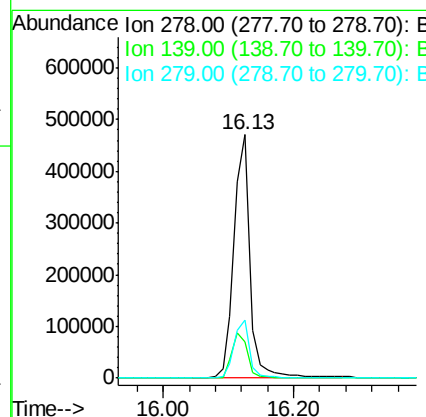
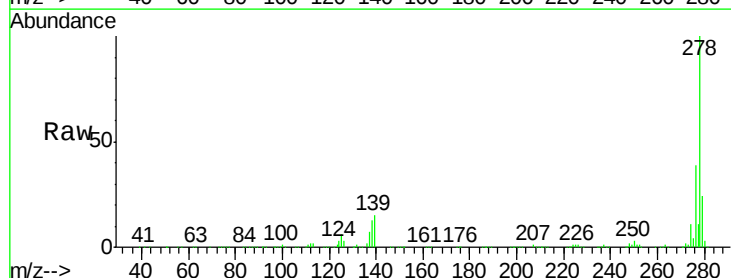
Instrument :
BNA_F
ClientSampleId :
PB93510BS

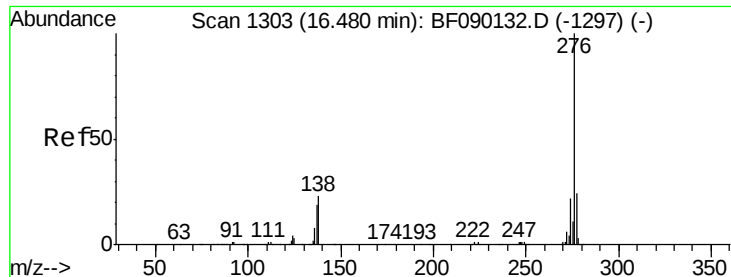
Tot Ion:252 Resp: 832972
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 13.8 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 58.15 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF090160.D
Acq: 21 Sep 2016 14:59

Tgt Ion:278 Resp: 807303
Ion Ratio Lower Upper
278 100
139 15.1 14.6 21.8
279 24.0 18.8 28.2





#91
 Benzo(a,h,i)perylene
 Concen: 60.76 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF090160.D
 Acq: 21 Sep 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB93510BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.4	23.3	34.9#

