

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091923.D
 Acq On : 23 Dec 2016 15:00
 Operator : UM/SJ
 Sample : PB95610BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Quant Time: Dec 23 22:04:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	198934	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	832274	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	436436	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	743540	20.00	ng	0.00
75) Chrysene-d12	13.89	240	554648	20.00	ng	-0.01
86) Perylene-d12	15.29	264	446454	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1507008	126.49	ng	0.05
7) Phenol-d6	6.44	99	2035954	139.97	ng	0.03
23) Nitrobenzene-d5	7.31	82	1364827	91.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	533951	147.83	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2165310	104.63	ng	-0.01
78) Terphenyl-d14	12.84	244	1967713	86.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	230899	39.37	ng	96
3) Pyridine	3.04	79	642980	31.41	ng	98
4) n-Nitrosodimethylamine	3.00	42	319368	41.36	ng	100
6) Aniline	6.41	93	441637	23.38	ng	# 44
8) 2-Chlorophenol	6.54	128	597719	44.10	ng	96
9) Benzaldehyde	6.28	77	88899	8.19	ng	93
10) Phenol	6.45	94	894997	53.99	ng	# 75
11) bis(2-Chloroethyl)ether	6.49	93	664965	50.42	ng	98
12) 1,3-Dichlorobenzene	6.68	146	675021	46.66	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	680392	46.20	ng	95
14) 1,2-Dichlorobenzene	6.91	146	541764	42.40	ng	97
15) Benzyl Alcohol	6.91	79	549754	48.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	884334	45.03	ng	90
17) 2-Methylphenol	7.05	107	542431	49.77	ng	98
18) Hexachloroethane	7.25	117	256109	46.91	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	507113	52.40	ng	# 90
20) 3+4-Methylphenols	7.21	107	737899	56.76	ng	# 73
22) Acetophenone	7.16	105	960525	46.79	ng	# 90
24) Nitrobenzene	7.33	77	749672	47.03	ng	95
25) Isophorone	7.57	82	1217718	44.10	ng	95
26) 2-Nitrophenol	7.65	139	369185	46.96	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	550752	42.24	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	832038	49.69	ng	99
29) 2,4-Dichlorophenol	7.92	162	527572	47.78	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	560175	46.30	ng	97
31) Naphthalene	8.05	128	1868785	49.06	ng	99
32) Benzoic acid	7.87	122	413735	42.78	ng	99
33) 4-Chloroaniline	8.11	127	244765	14.25	ng	97
34) Hexachlorobutadiene	8.17	225	299659	46.92	ng	99
35) Caprolactam	8.49	113	113816	31.37	ng	# 64
36) 4-Chloro-3-methylphenol	8.62	107	558841	43.99	ng	98
37) 2-Methylnaphthalene	8.74	142	1147913	53.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	526633	47.76	ng	98
40) Hexachlorocyclopentadiene	8.90	237	478920	96.65	ng	98

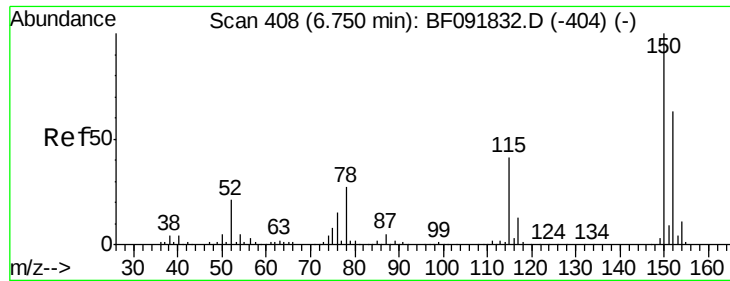
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091923.D
 Acq On : 23 Dec 2016 15:00
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 Sample : PB95610BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	356429	46.22	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	349773	44.07	ng	96
45) 1,1'-Biphenyl	9.21	154	1483861	49.66	ng	99
46) 2-Chloronaphthalene	9.23	162	1106577	46.76	ng	95
47) 2-Nitroaniline	9.33	65	351437	41.71	ng	98
48) Acenaphthylene	9.64	152	1591899	43.74	ng	99
49) Dimethylphthalate	9.52	163	1281456	45.91	ng	99
50) 2,6-Dinitrotoluene	9.57	165	269894	44.17	ng	# 63
51) Acenaphthene	9.81	154	1027994	41.66	ng	98
52) 3-Nitroaniline	9.74	138	154433	20.43	ng	97
53) 2,4-Dinitrophenol	9.86	184	326060	95.91	ng	# 71
54) Dibenzofuran	9.98	168	1348838	40.48	ng	96
55) 4-Nitrophenol	9.98	139	1045295	203.61	ng	# 7
56) 2,4-Dinitrotoluene	9.98	165	391948	51.11	ng	93
57) Fluorene	10.33	166	1095292	45.18	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	298701	47.59	ng	99
59) Diethylphthalate	10.21	149	1257305	46.38	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	522415	49.21	ng	# 76
61) 4-Nitroaniline	10.37	138	326773	41.71	ng	93
62) Azobenzene	10.48	77	1439568	48.23	ng	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	225767	50.21	ng	88
65) n-Nitrosodiphenylamine	10.44	169	1058537	47.98	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	333269	43.09	ng	96
67) Hexachlorobenzene	10.88	284	383708	46.41	ng	98
68) Atrazine	10.98	200	323049	45.39	ng	97
69) Pentachlorophenol	11.08	266	364540	89.86	ng	100
70) Phenanthrene	11.29	178	1819693	45.13	ng	99
71) Anthracene	11.33	178	1741682	51.07	ng	99
72) Carbazole	11.50	167	1742325	68.12	ng	98
73) Di-n-butylphthalate	11.82	149	1806584	47.52	ng	100
74) Fluoranthene	12.47	202	1737815	49.51	ng	98
76) Benzidine	12.59	184	438689	28.25	ng	97
77) Pyrene	12.69	202	1696842	41.70	ng	100
79) Butylbenzylphthalate	13.32	149	869548	46.98	ng	92
80) Benzo(a)anthracene	13.88	228	1373289	43.86	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	297041	25.02	ng	96
82) Chrysene	13.92	228	1219487	38.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1023000	46.93	ng	# 99
84) Di-n-octyl phthalate	14.49	149	1789792	44.33	ng	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1155895	42.49	ng	98
87) Benzo(b)fluoranthene	14.92	252	2363906	85.05	ng	98
88) Benzo(k)fluoranthene	14.92	252	2363906	99.73	ng	99
89) Benzo(a)pyrene	15.23	252	1121356	45.45	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	934680	46.09	ng	97
91) Benzo(g,h,i)perylene	17.03	276	994523	47.17	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

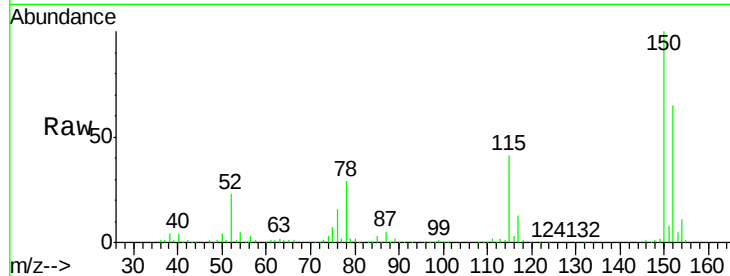
Tgt Ion:152 Resp: 198934

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

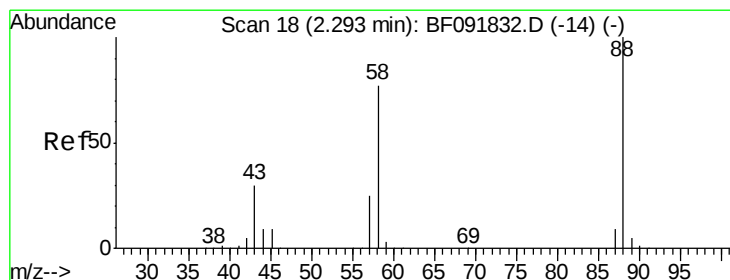
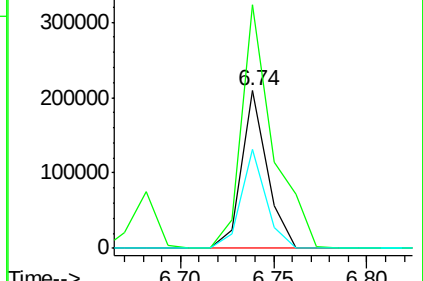
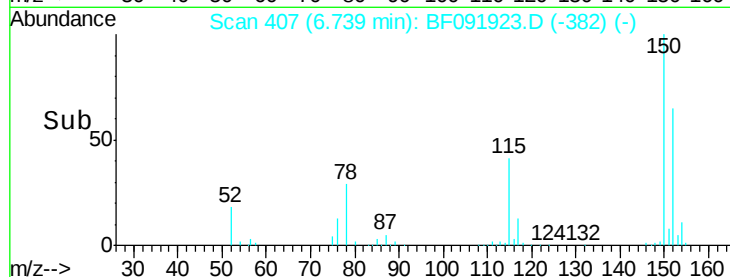
115 62.8 46.0 69.0



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: 39.37 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.06 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

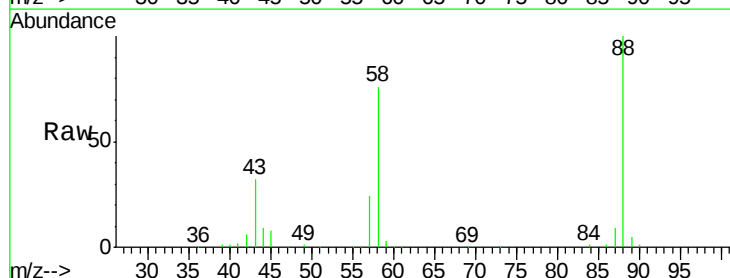
Tgt Ion: 88 Resp: 230899

Ion Ratio Lower Upper

88 100

58 75.0 57.8 86.8

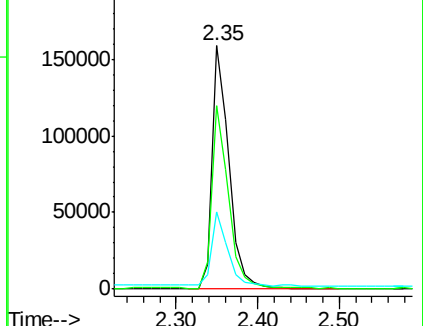
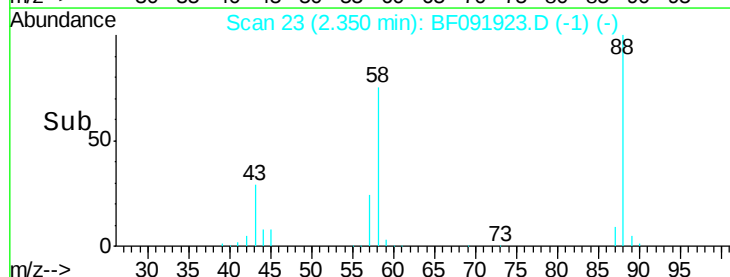
43 31.9 22.3 33.5

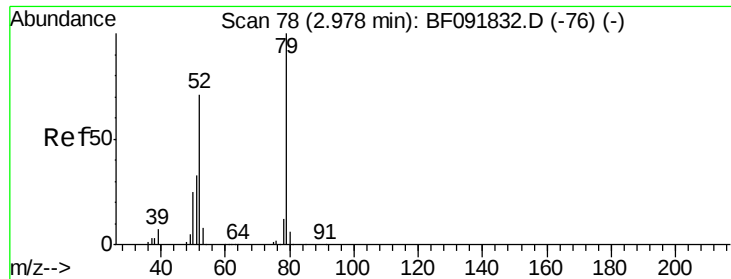


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

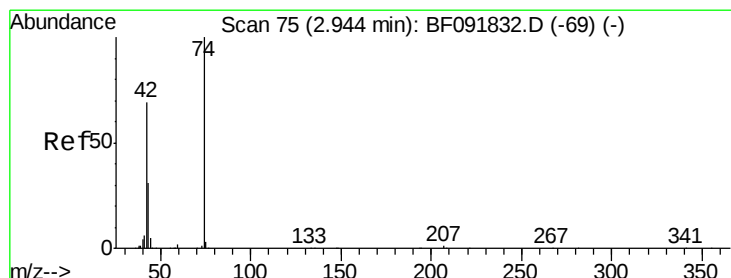
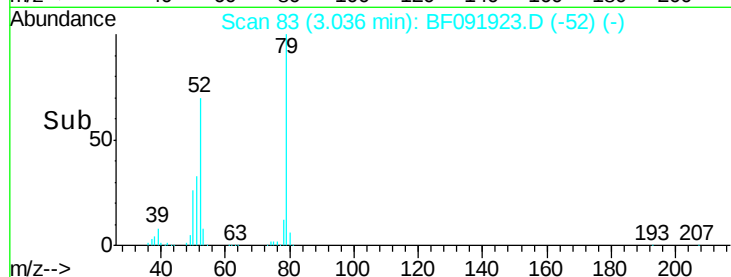
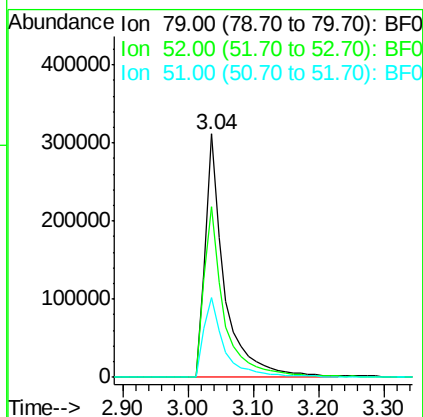
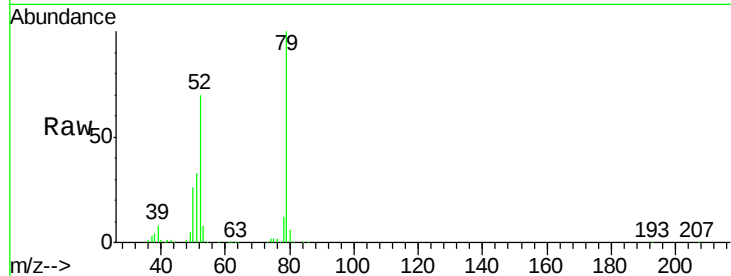




#3
 Pyridine
 Concen: 31.41 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.06 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

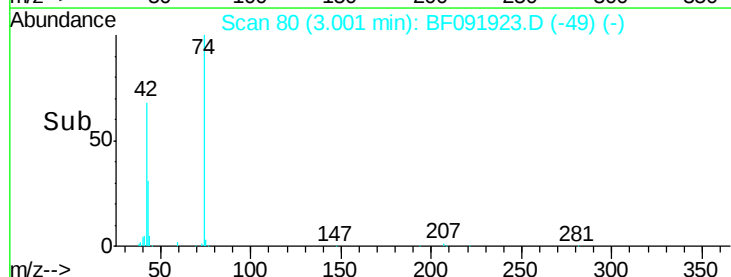
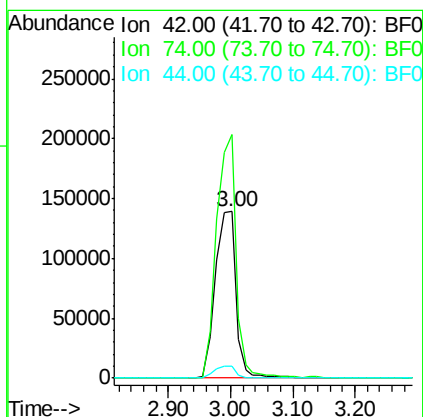
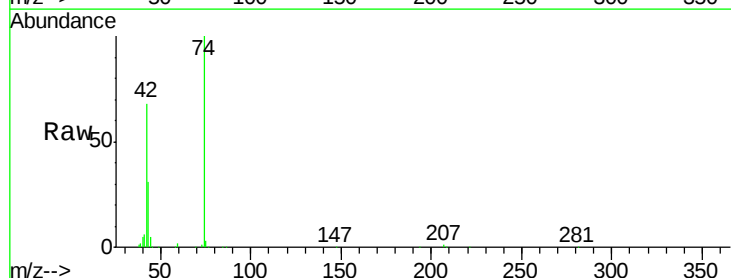
Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

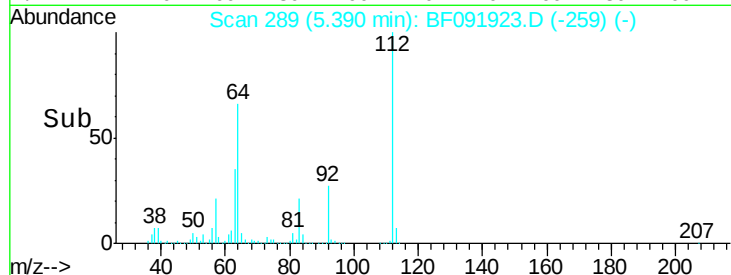
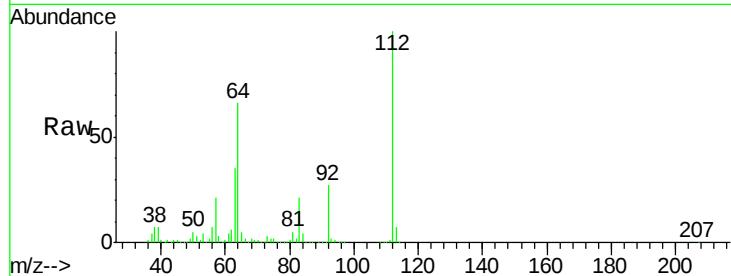
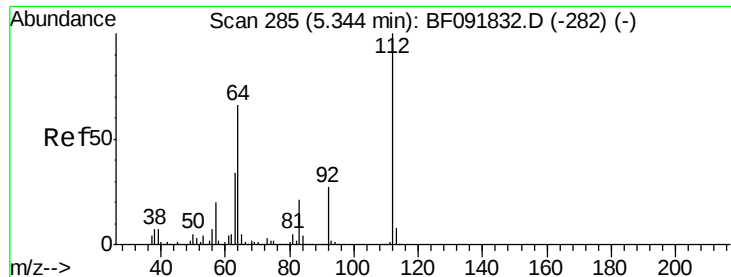
Tgt Ion: 79 Resp: 642980
 Ion Ratio Lower Upper
 79 100
 52 70.0 57.1 85.7
 51 32.9 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 41.36 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.06 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion: 42 Resp: 319368
 Ion Ratio Lower Upper
 42 100
 74 146.5 117.0 175.4
 44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 126.49 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

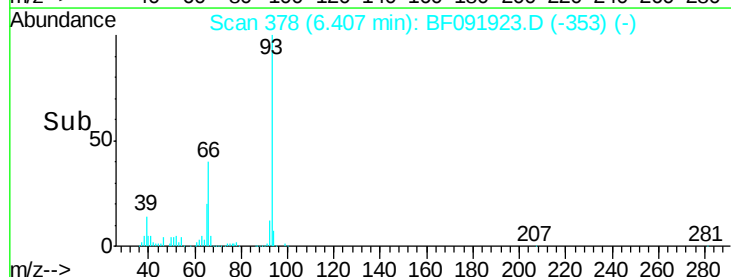
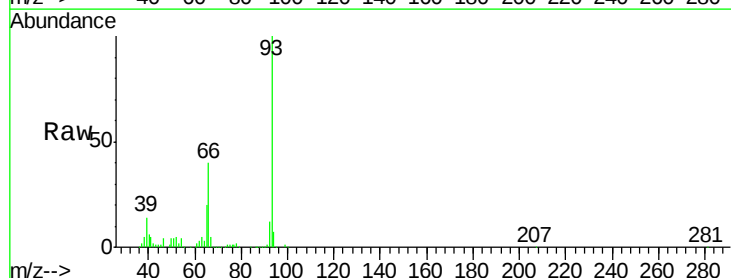
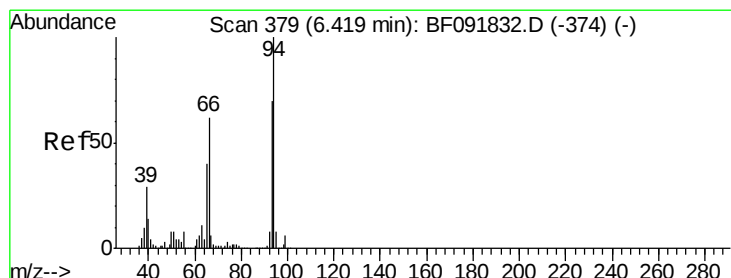
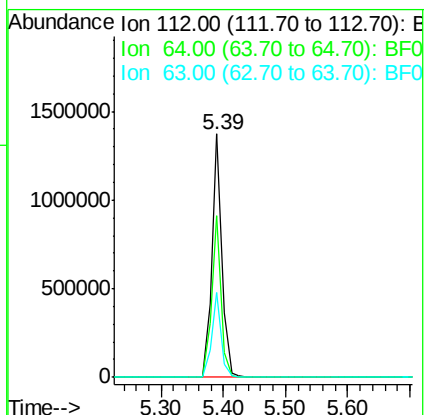
Tgt Ion:112 Resp: 1507008

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

63 34.9 23.8 35.6



#6

Aniline

Concen: 23.38 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

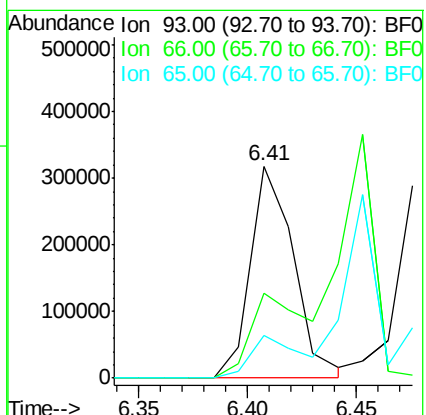
Tgt Ion: 93 Resp: 441637

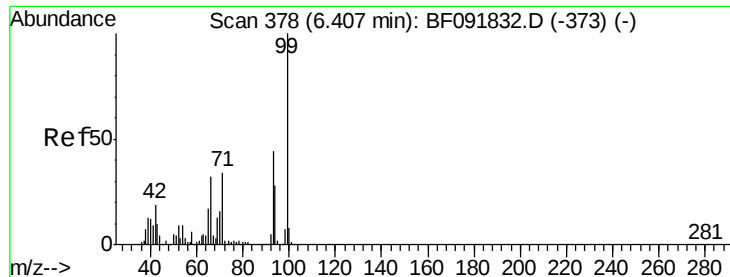
Ion Ratio Lower Upper

93 100

66 40.0 76.2 114.2#

65 20.0 49.3 73.9#





#7

Phenol-d6

Concen: 139.97 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

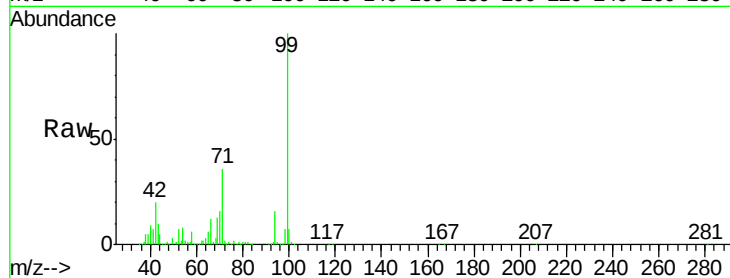
Tgt Ion: 99 Resp: 2035954

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

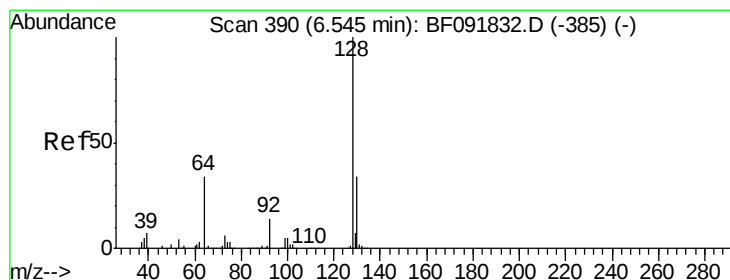
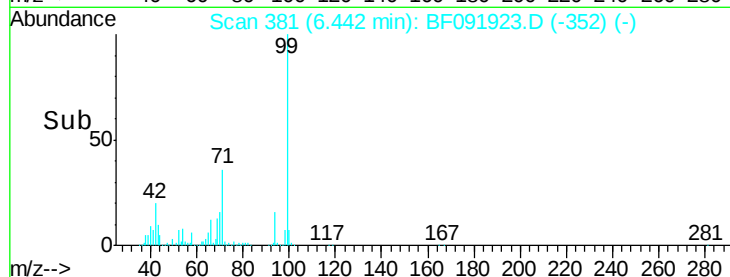
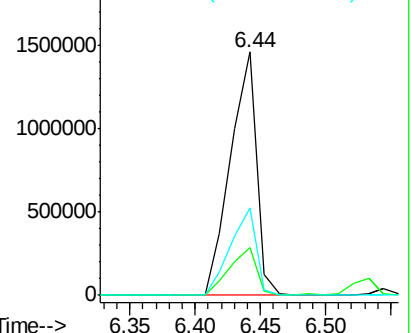
71 36.1 27.5 41.3



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: 44.10 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

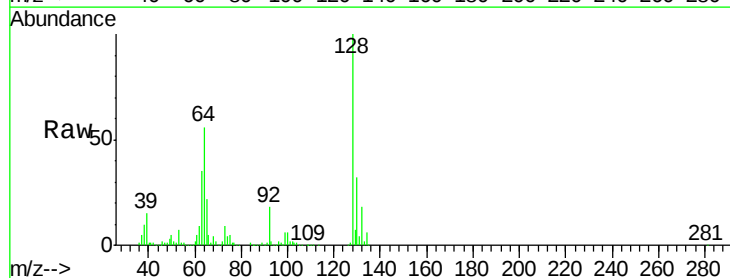
Tgt Ion: 128 Resp: 597719

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

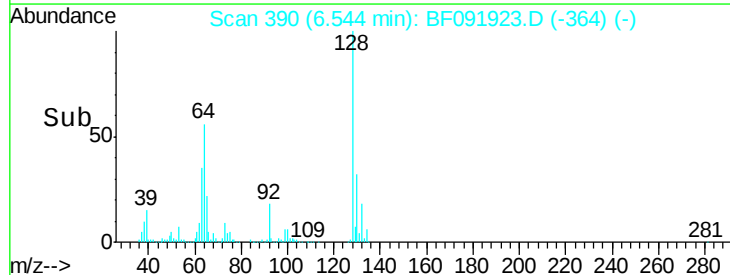
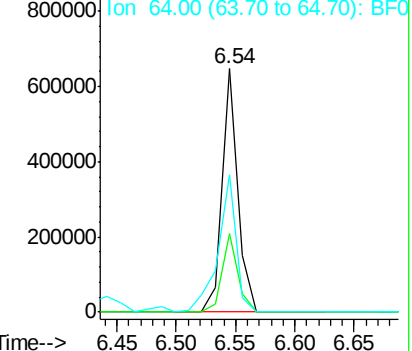
64 56.3 32.2 72.2

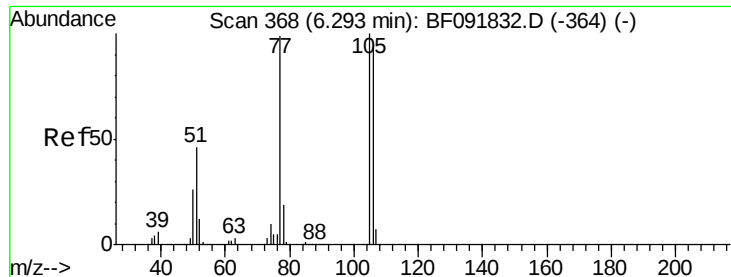


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.19 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

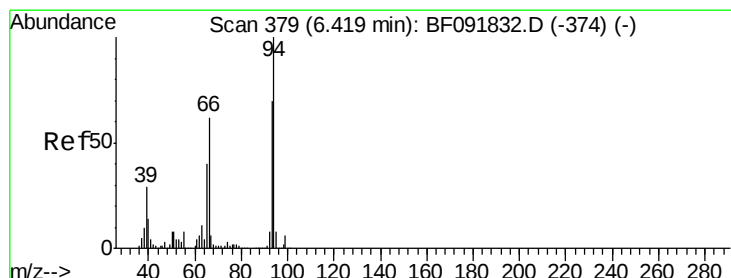
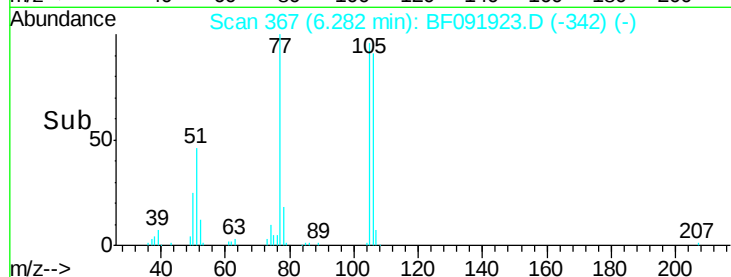
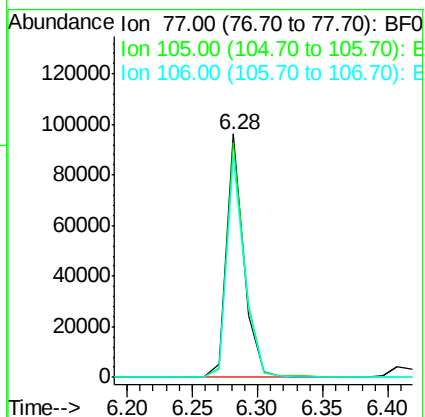
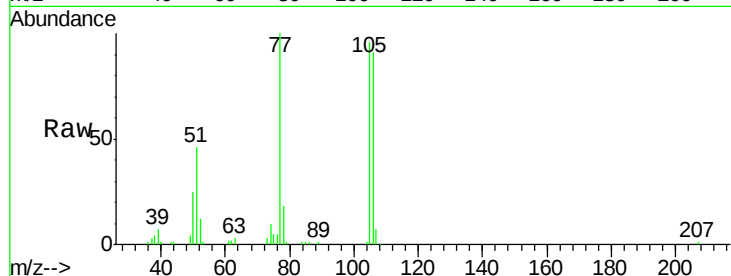
Tgt Ion: 77 Resp: 88899

Ion Ratio Lower Upper

77 100

105 96.4 83.9 123.9

106 90.5 77.6 117.6



#10

Phenol

Concen: 53.99 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

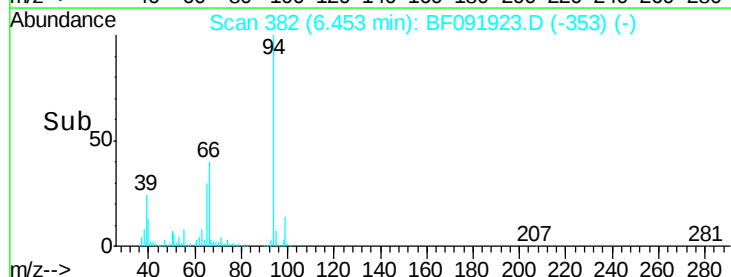
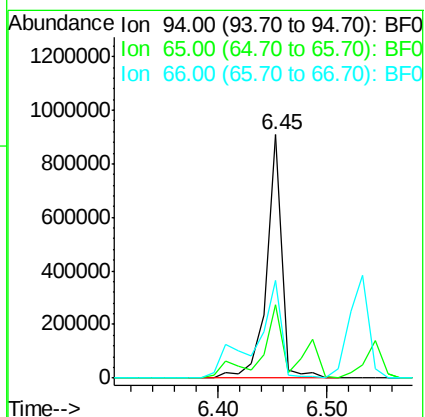
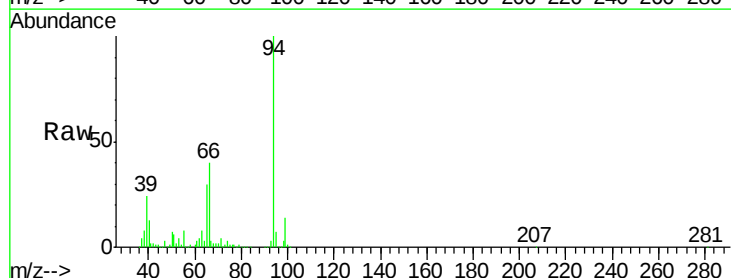
Tgt Ion: 94 Resp: 894997

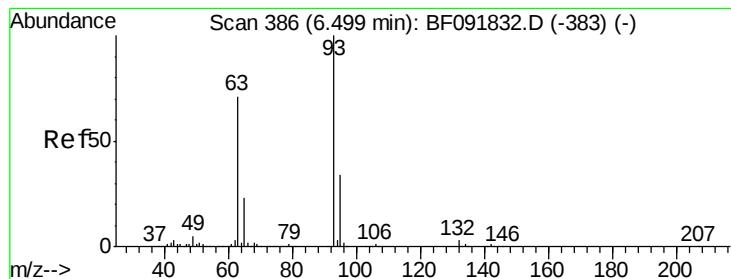
Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

66 40.2 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 50.42 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

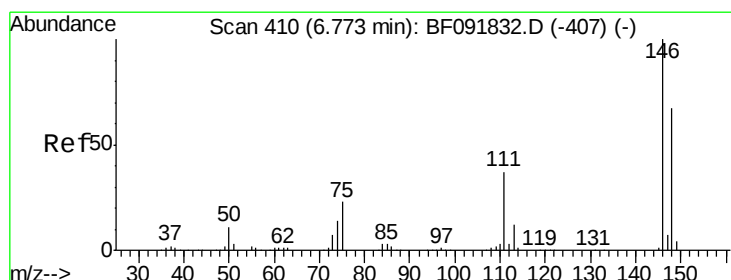
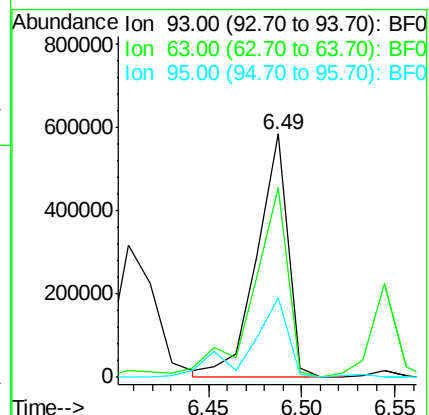
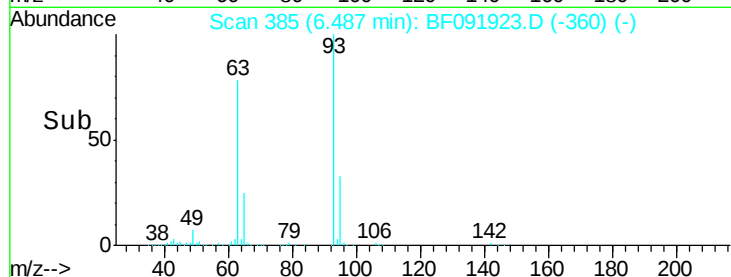
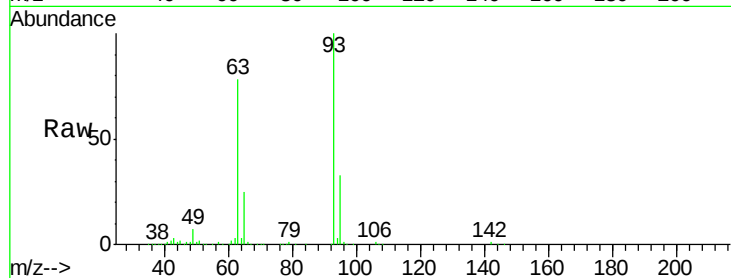
Tgt Ion: 93 Resp: 664965

Ion Ratio Lower Upper

93 100

63 77.9 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.66 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

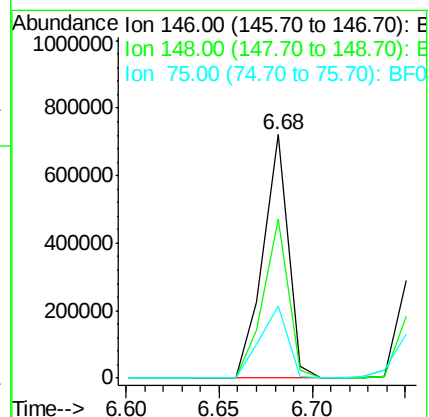
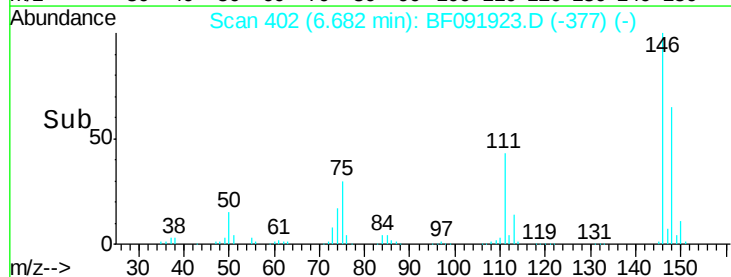
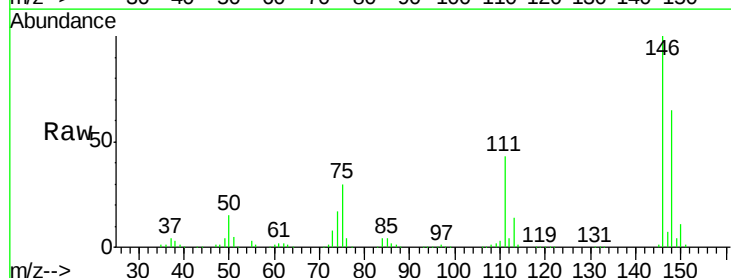
Tgt Ion: 146 Resp: 675021

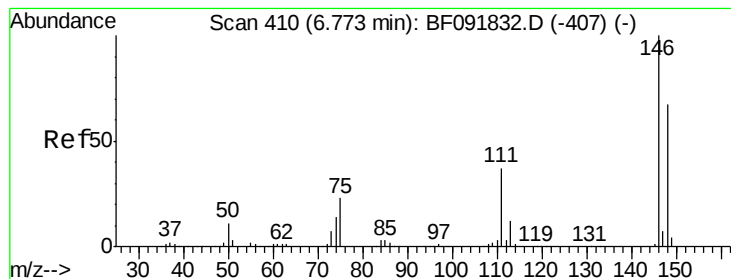
Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

75 29.8 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 46.20 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

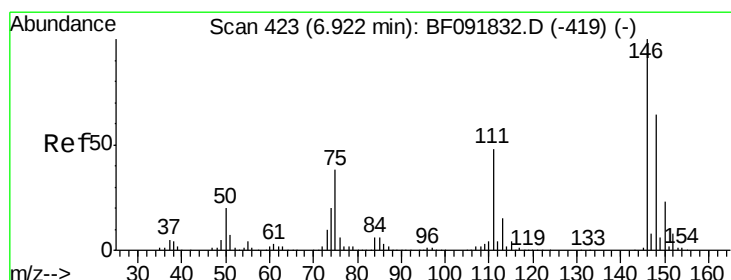
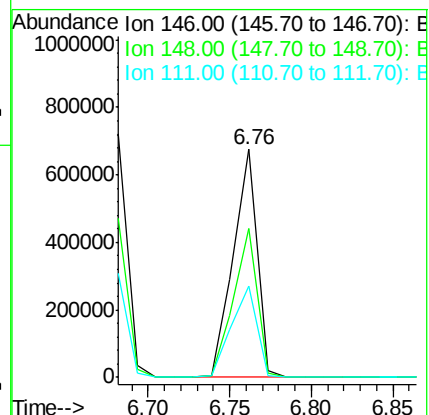
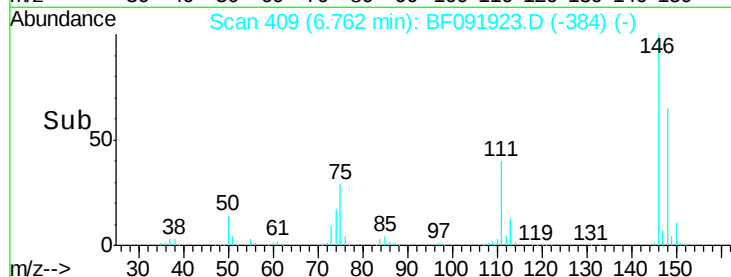
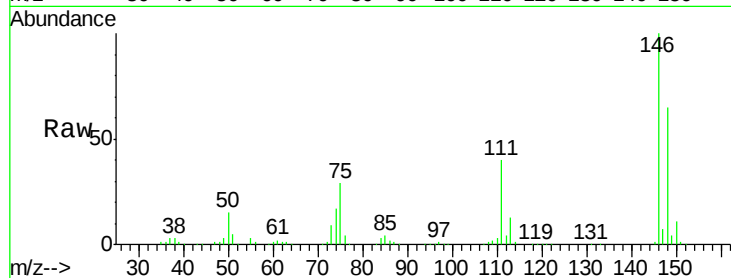
Tgt Ion:146 Resp: 680392

Ion Ratio Lower Upper

146 100

148 65.5 50.6 76.0

111 40.2 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 42.40 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

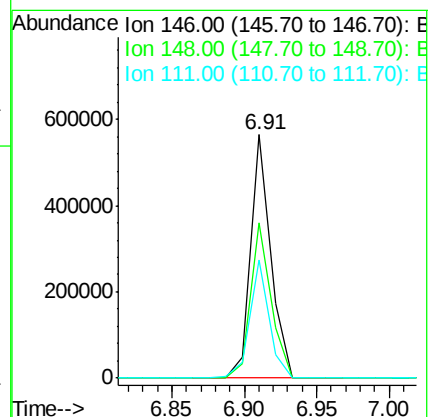
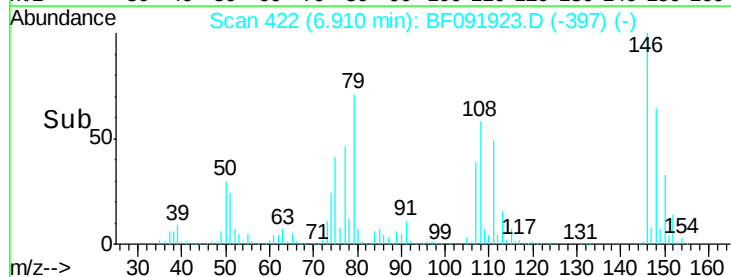
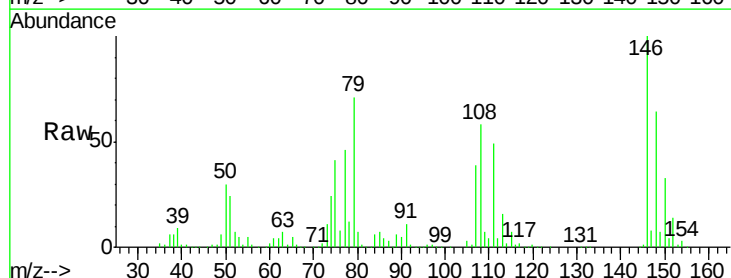
Tgt Ion:146 Resp: 541764

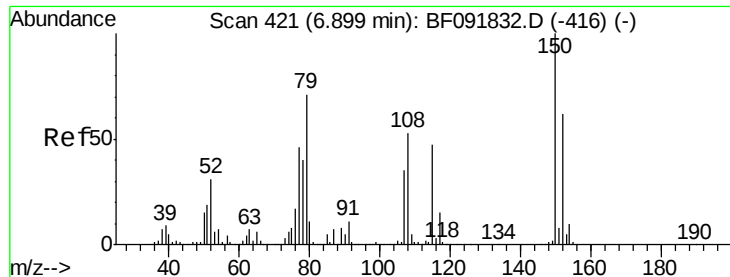
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 48.6 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.64 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

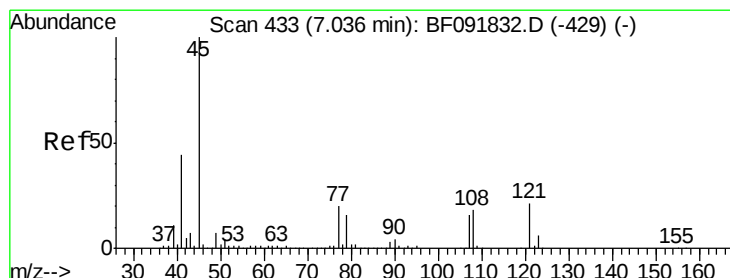
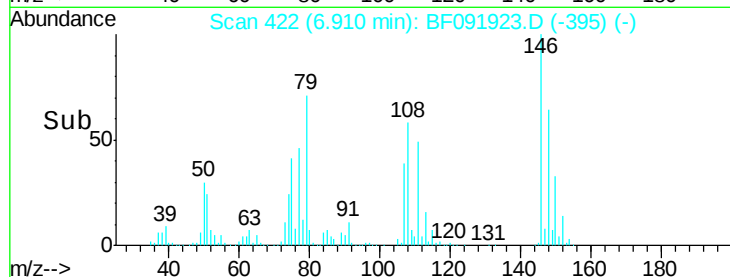
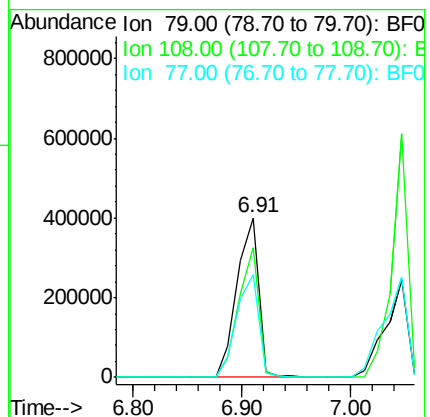
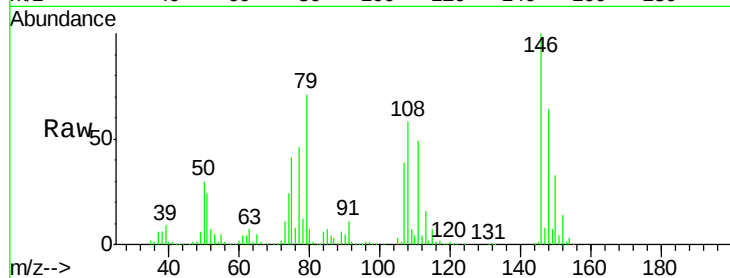
Tgt Ion: 79 Resp: 549754

Ion Ratio Lower Upper

79 100

108 81.2 61.4 92.0

77 64.3 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.03 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

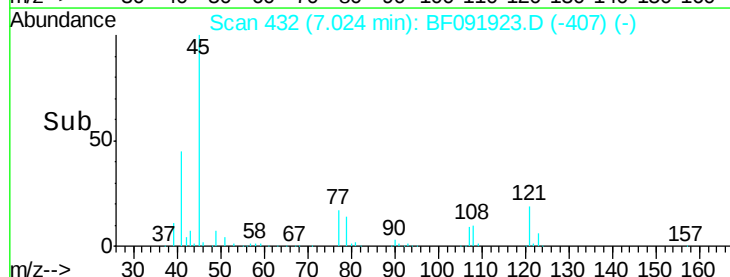
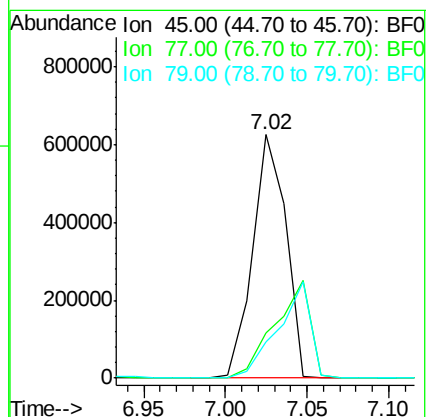
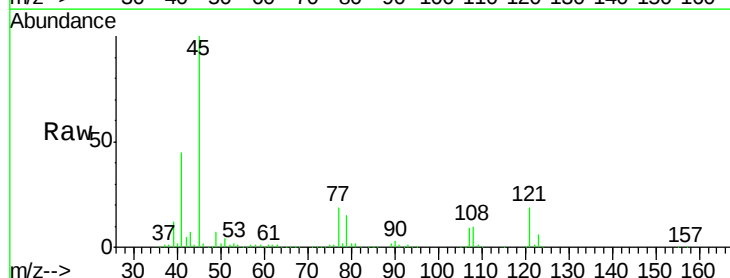
Tgt Ion: 45 Resp: 884334

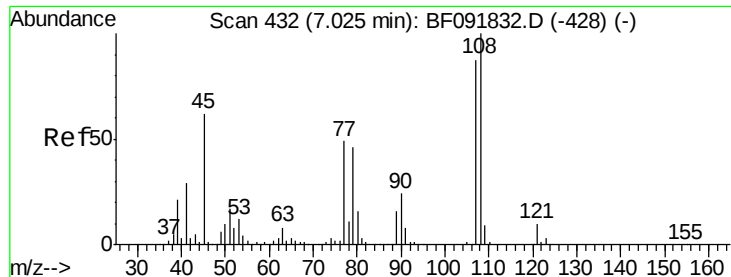
Ion Ratio Lower Upper

45 100

77 18.6 0.0 34.6

79 15.0 0.0 31.2

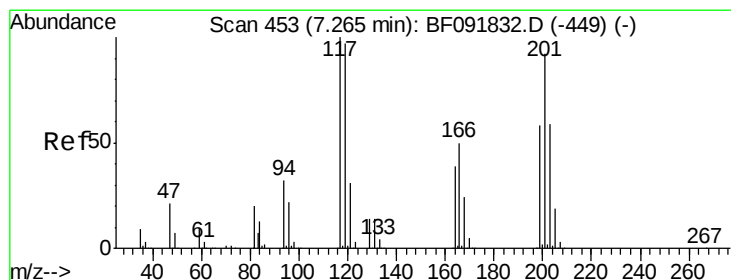
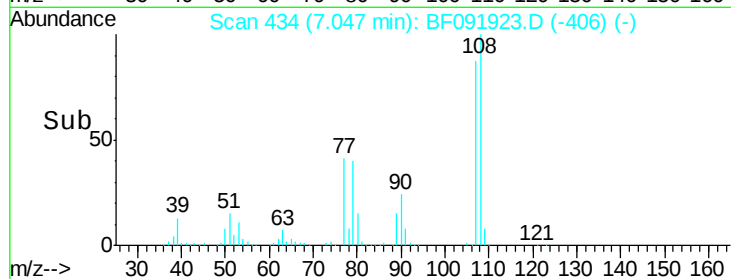
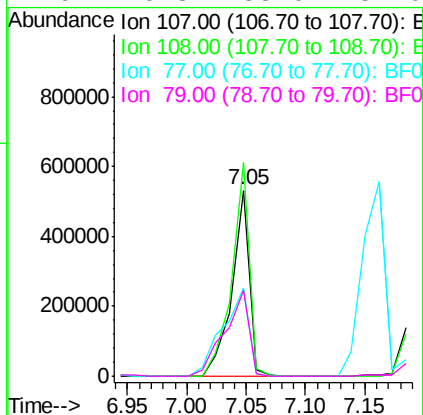
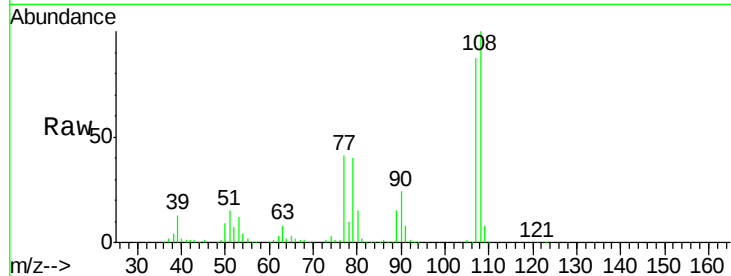




#17
2-Methylphenol
Concen: 49.77 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

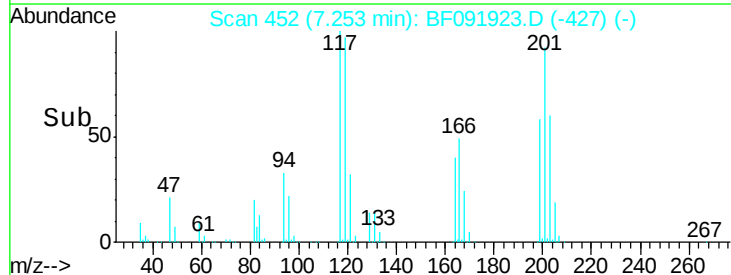
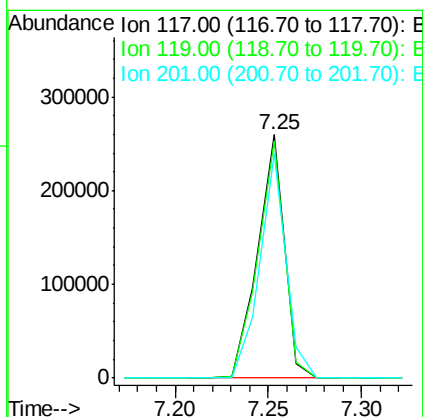
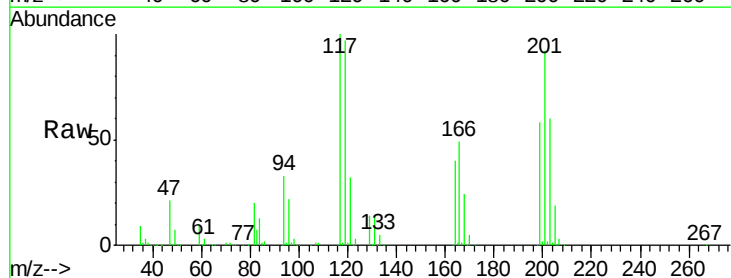
Instrument :
BNA_F
ClientSampleId :
PB95610BS

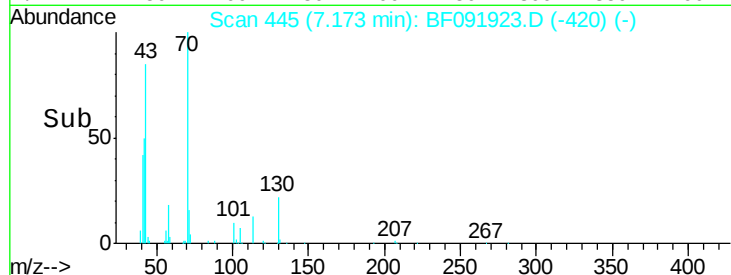
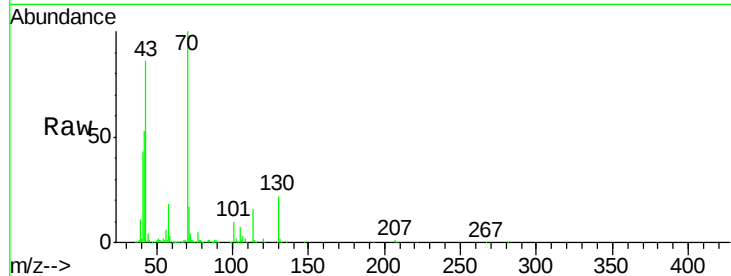
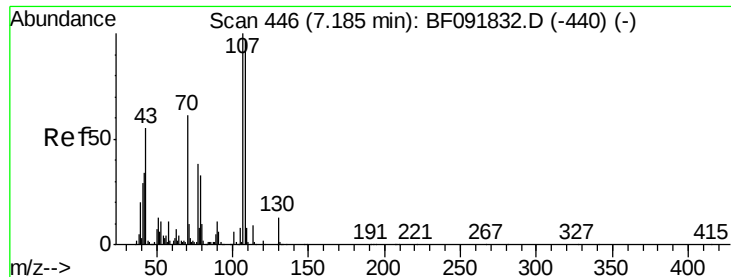
Tgt Ion:	107	Resp:	542431
Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.0	139.6
77	47.2	39.8	59.8
79	46.3	38.0	57.0



#18
Hexachloroethane
Concen: 46.91 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:	117	Resp:	256109
Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.1	117.1
201	92.1	78.6	117.8

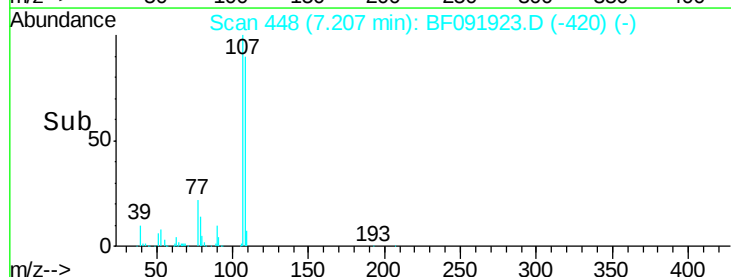
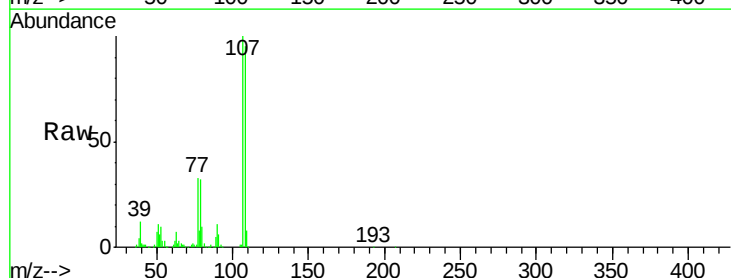
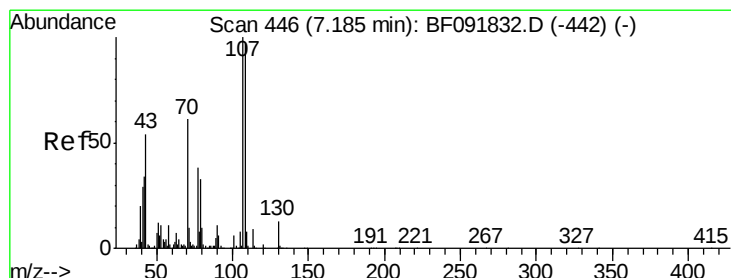
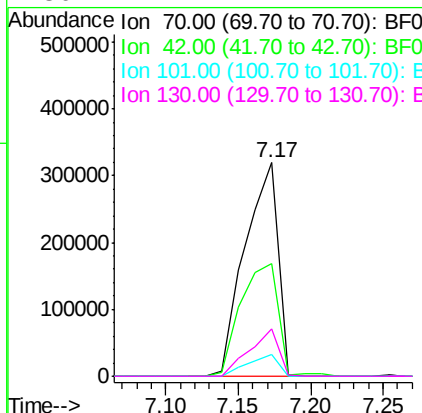




#19
n-Nitroso-di-n-propylamine
Concen: 52.40 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

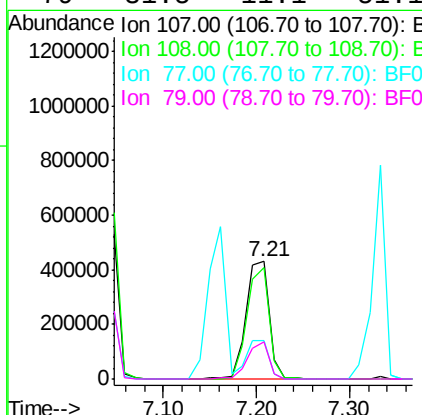
Instrument :
BNA_F
ClientSampleId :
PB95610BS

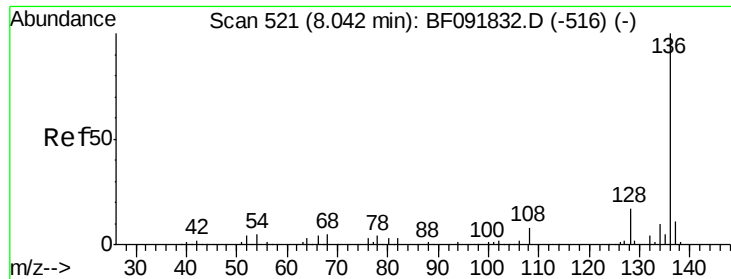
Tgt Ion: 70 Resp: 507113
Ion Ratio Lower Upper
70 100
42 53.0 49.4 74.0
101 10.2 7.4 11.2
130 22.4 14.2 21.4#



#20
3+4-Methylphenols
Concen: 56.76 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion: 107 Resp: 737899
Ion Ratio Lower Upper
107 100
108 95.0 73.0 113.0
77 33.1 71.3 111.3#
79 31.5 11.1 51.1

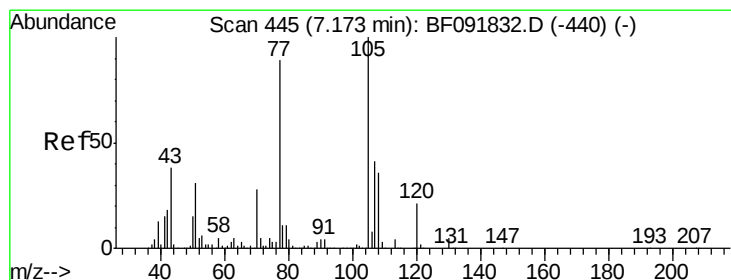
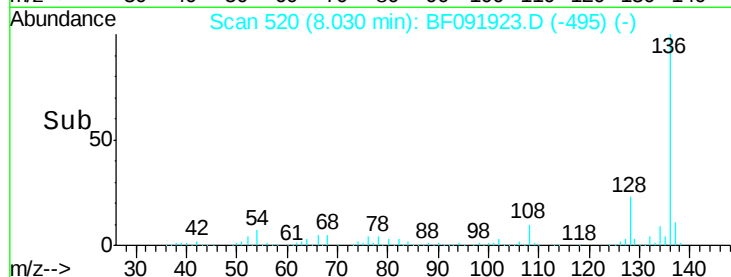
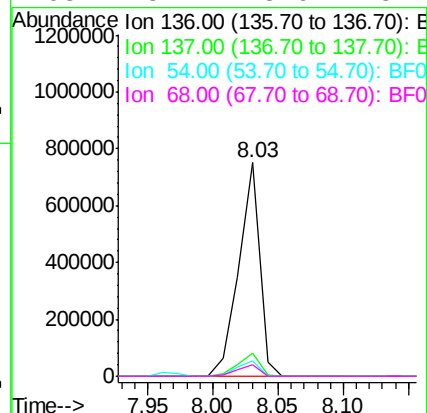
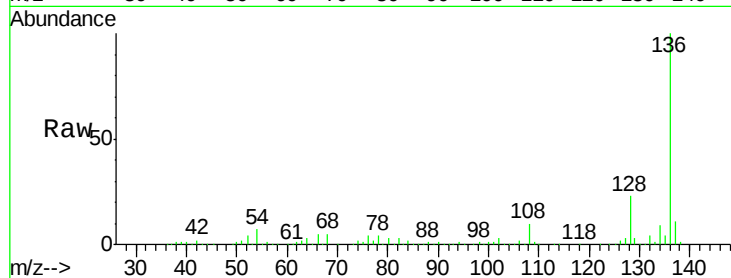




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

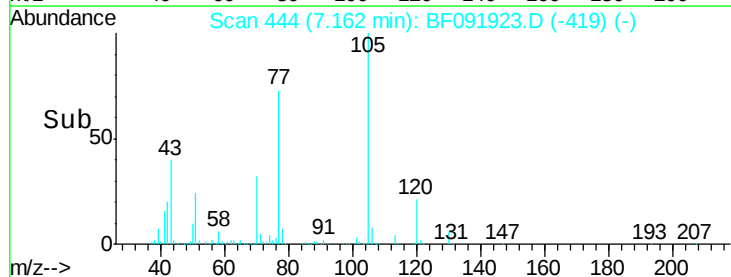
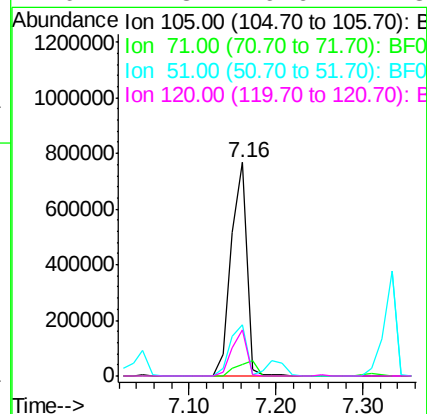
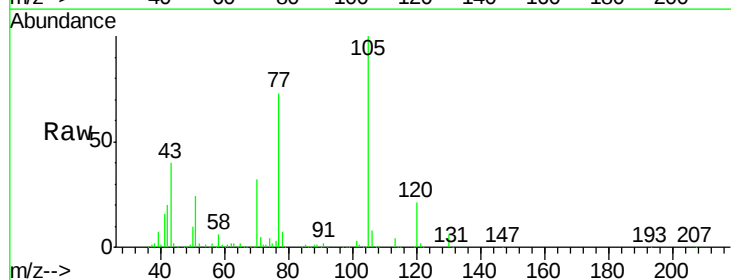
Instrument :
BNA_F
ClientSampleId :
PB95610BS

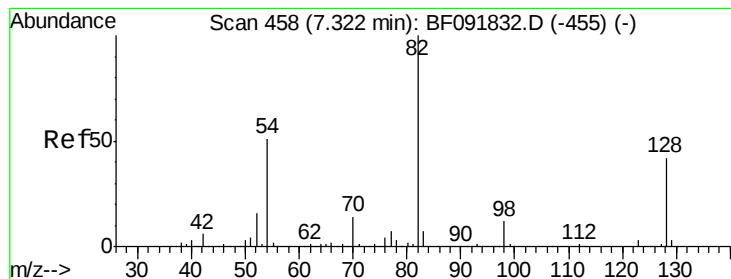
Tgt Ion:	136	Resp:	832274
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	7.2	4.5	6.7#
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 46.79 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:	105	Resp:	960525
Ion Ratio	Lower	Upper	
105	100		
71	5.4	3.2	4.8#
51	23.9	26.2	39.4#
120	21.3	16.6	24.8





#23

Nitrobenzene-d5

Concen: 91.19 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

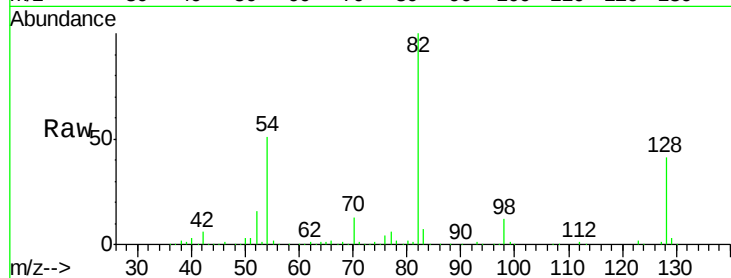
Tgt Ion: 82 Resp: 1364827

Ion Ratio Lower Upper

82 100

128 40.8 34.6 52.0

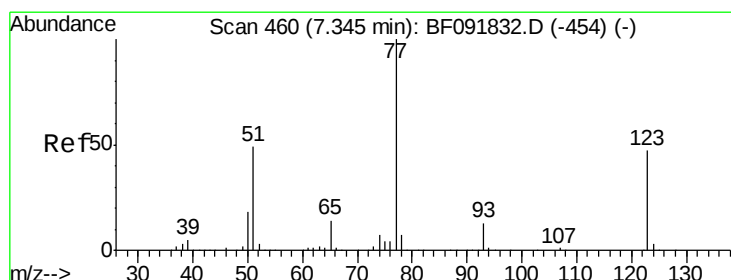
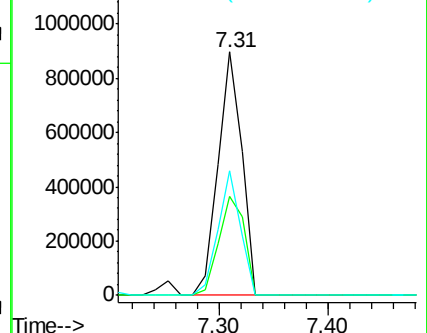
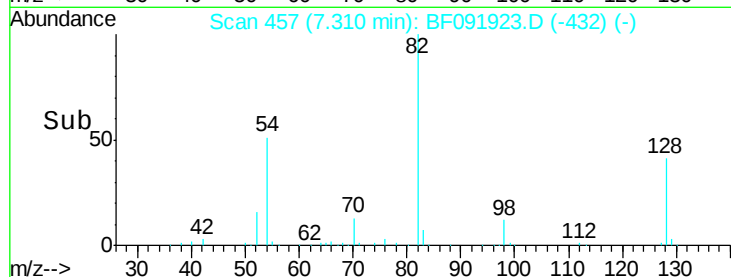
54 51.0 39.5 59.3



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: 47.03 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

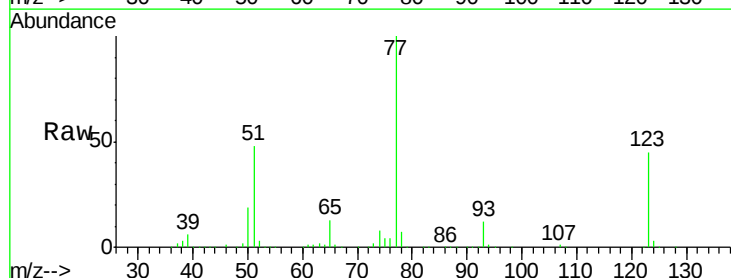
Tgt Ion: 77 Resp: 749672

Ion Ratio Lower Upper

77 100

123 45.1 33.0 49.4

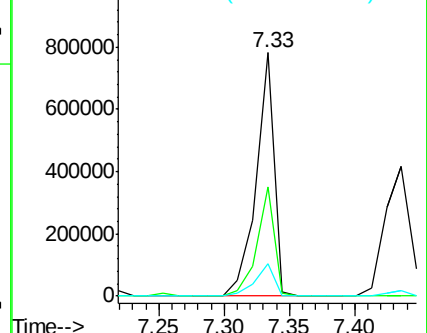
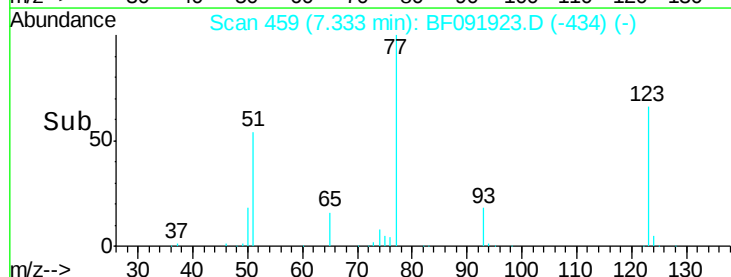
65 13.4 11.2 16.8

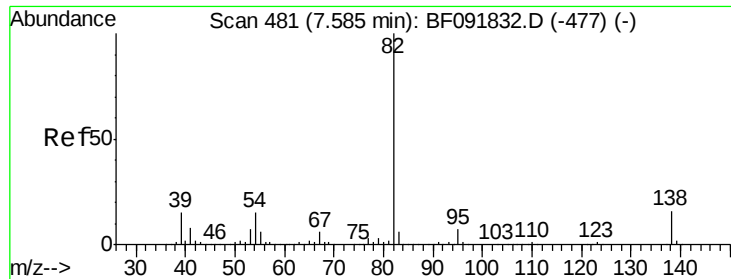


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

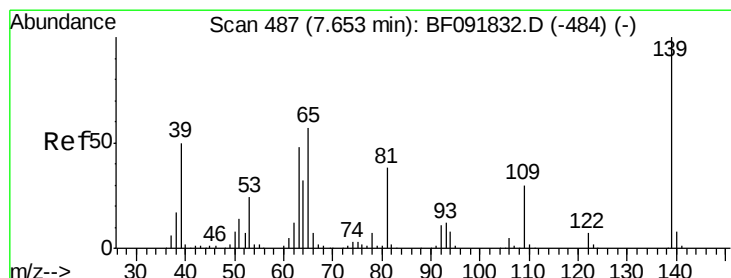
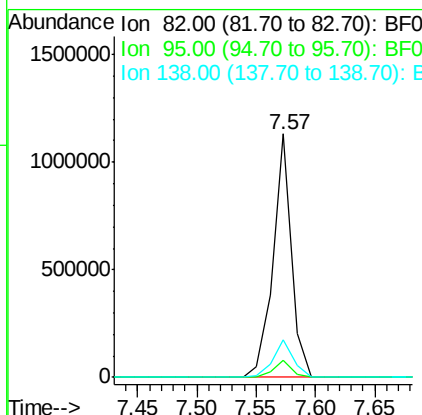
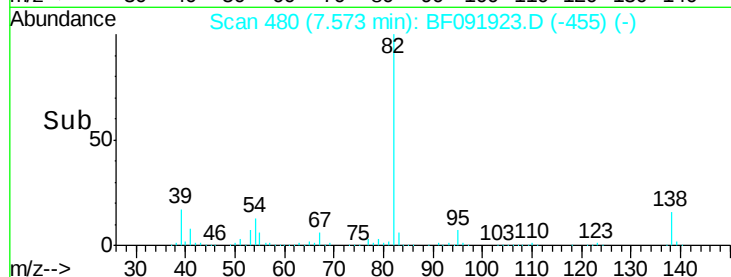
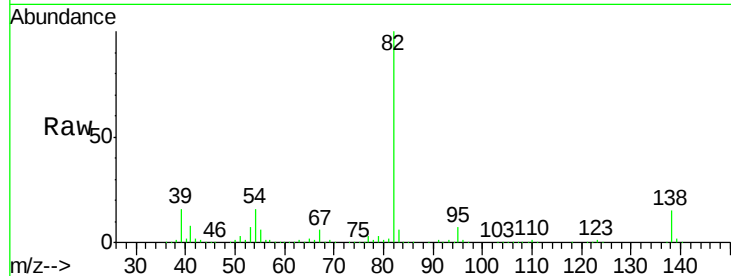




#25
Isophorone
Concen: 44.10 ng
RT: 7.57 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

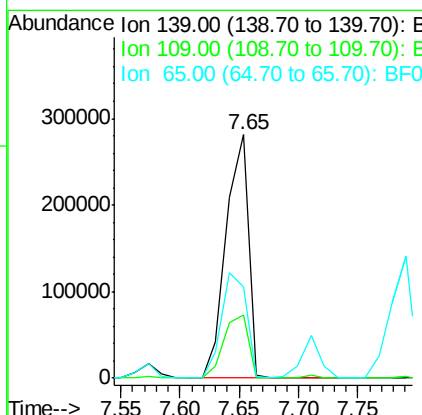
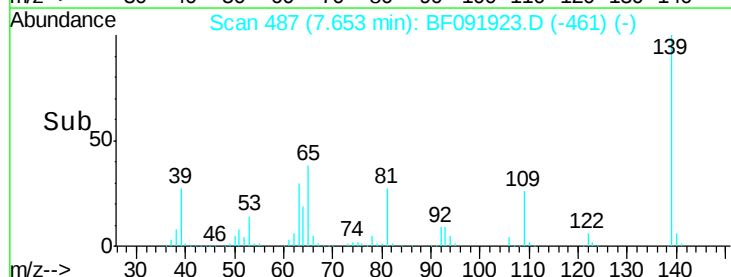
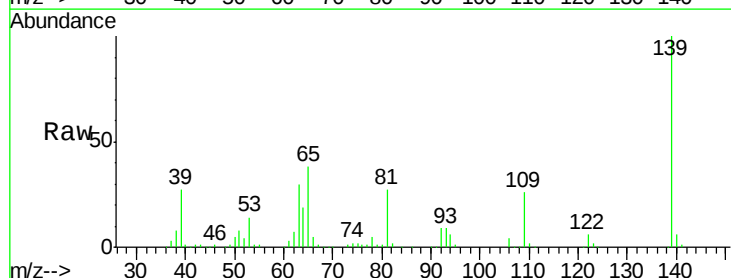
Instrument :
BNA_F
ClientSampleId :
PB95610BS

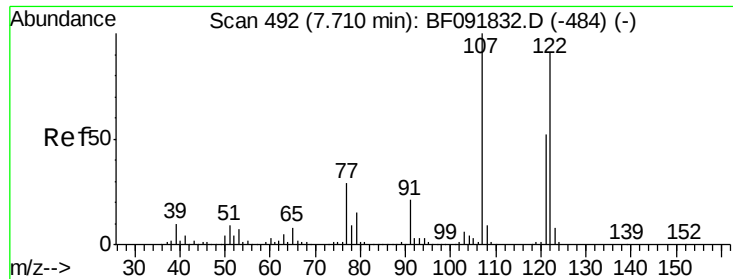
Tgt Ion: 82 Resp: 1217718
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 15.4 14.6 22.0



#26
2-Nitrophenol
Concen: 46.96 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion: 139 Resp: 369185
Ion Ratio Lower Upper
139 100
109 25.8 23.3 34.9
65 37.6 42.7 64.1#

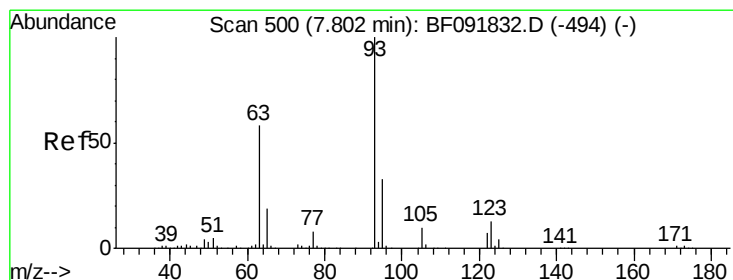
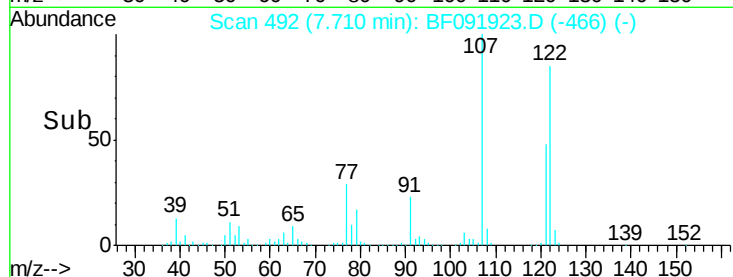
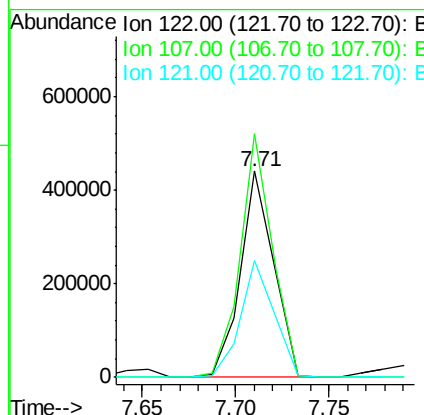
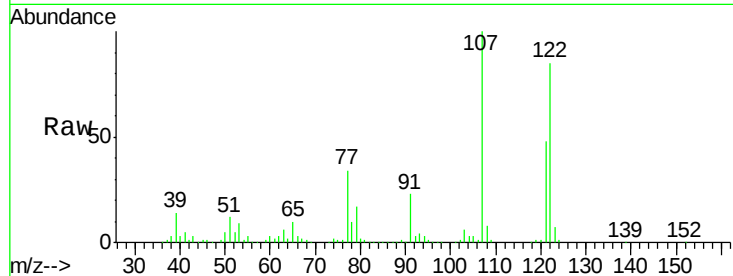




#27
 2,4-Dimethylphenol
 Concen: 42.24 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

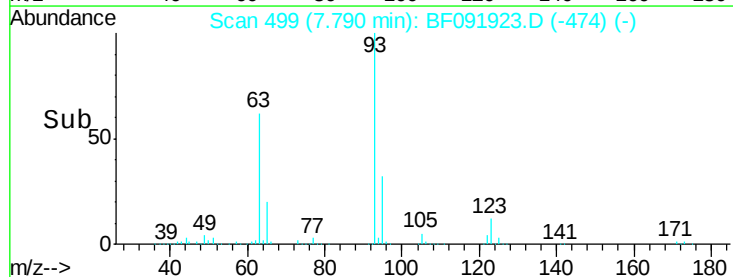
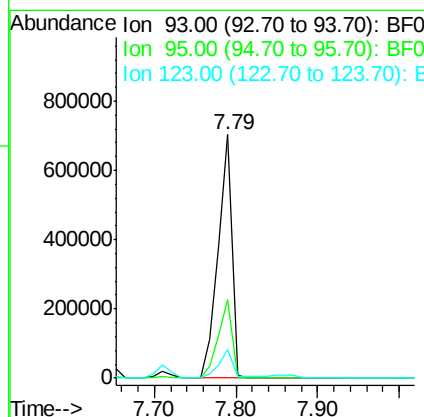
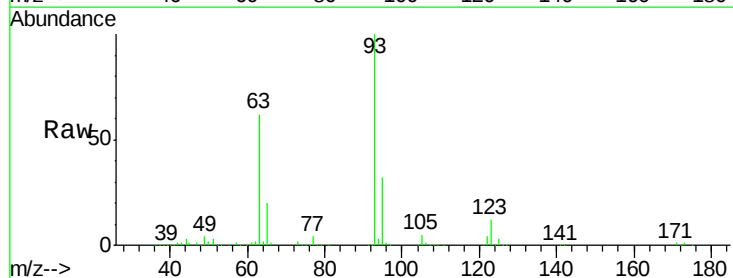
Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

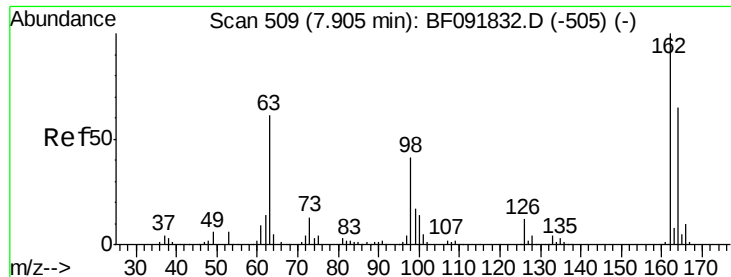
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.0	94.1	141.1
121	56.8	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.69 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.8	8.6	13.0

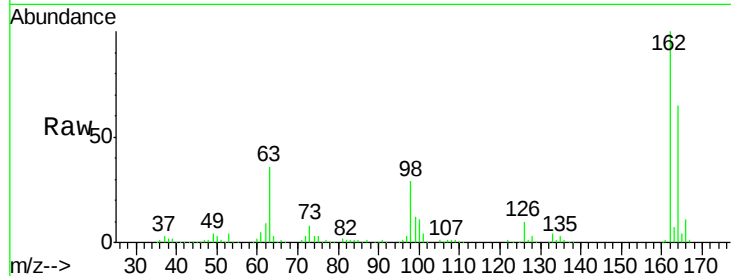




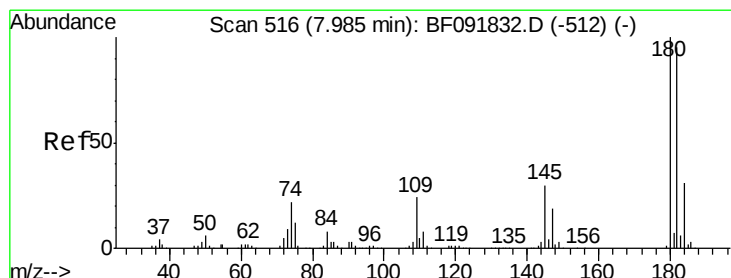
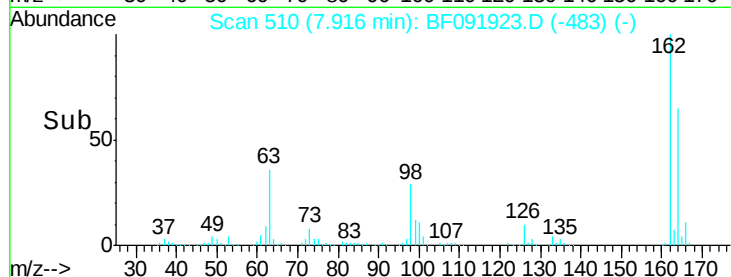
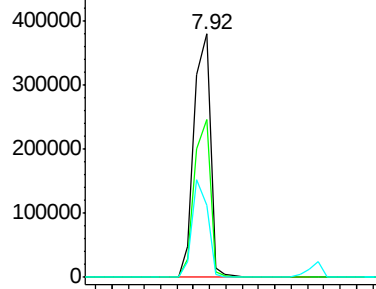
#29
2,4-Dichlorophenol
Concen: 47.78 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tgt Ion:162 Resp: 527572
Ion Ratio Lower Upper
162 100
164 64.7 46.8 86.8
98 29.4 9.1 49.1

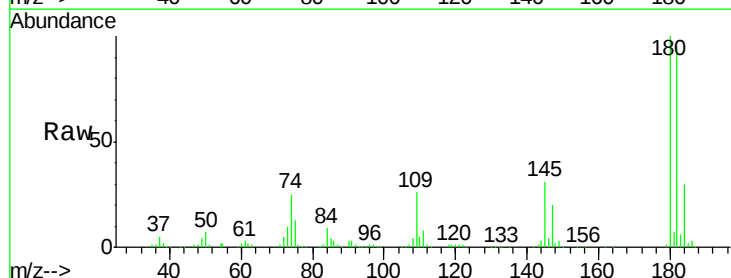


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

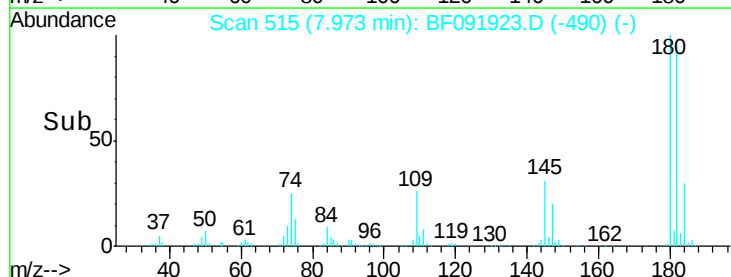
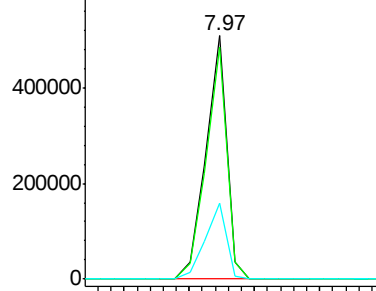


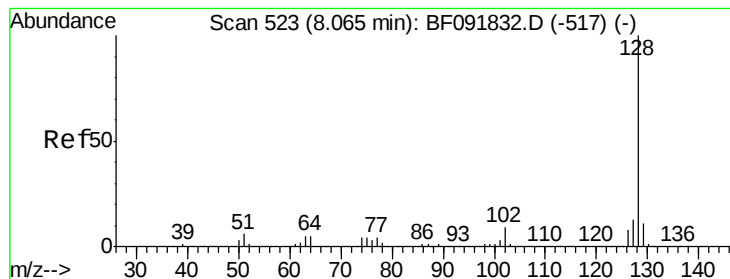
#30
1,2,4-Trichlorobenzene
Concen: 46.30 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:180 Resp: 560175
Ion Ratio Lower Upper
180 100
182 95.5 78.2 117.4
145 30.9 21.6 32.4



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: 49.06 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

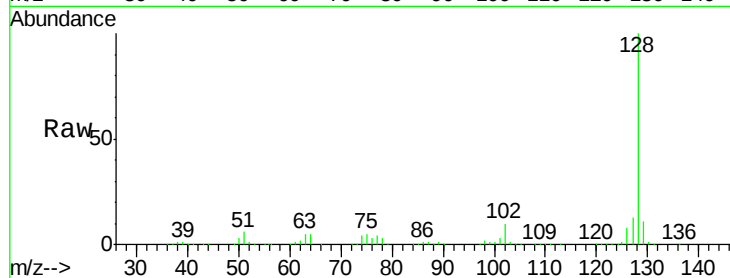
Tgt Ion:128 Resp: 1868785

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

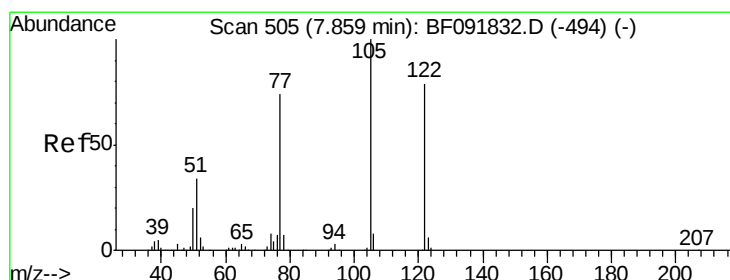
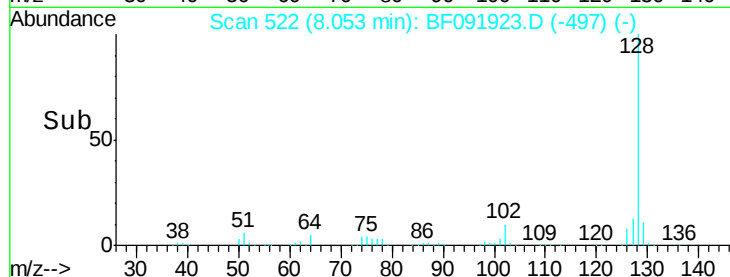
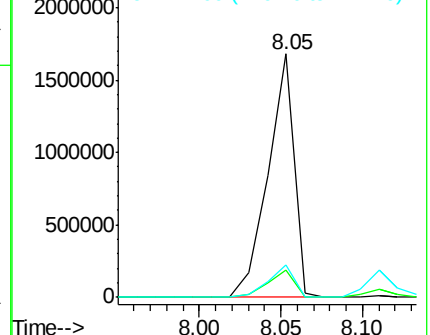
127 13.4 10.8 16.2



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: 42.78 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

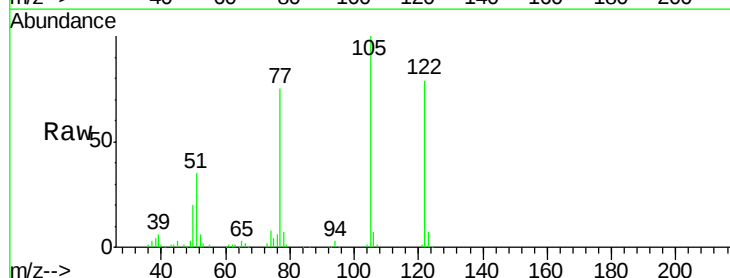
Tgt Ion:122 Resp: 413735

Ion Ratio Lower Upper

122 100

105 127.0 107.2 147.2

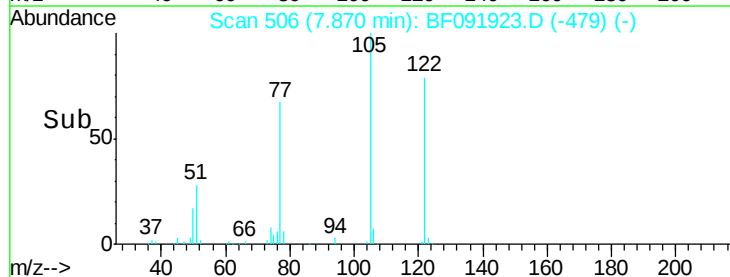
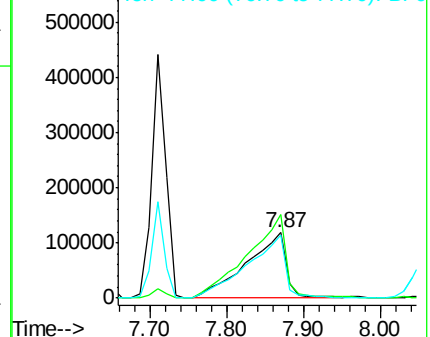
77 95.8 74.5 114.5

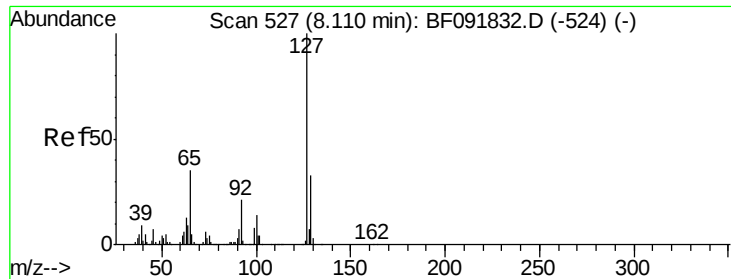


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

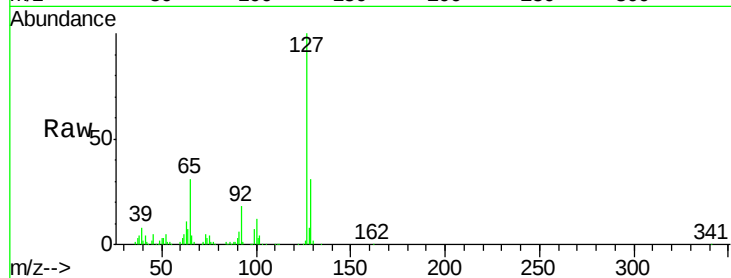




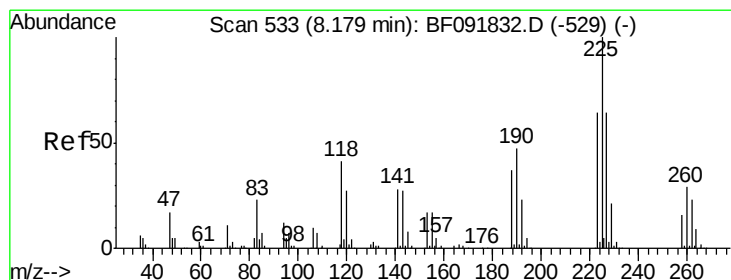
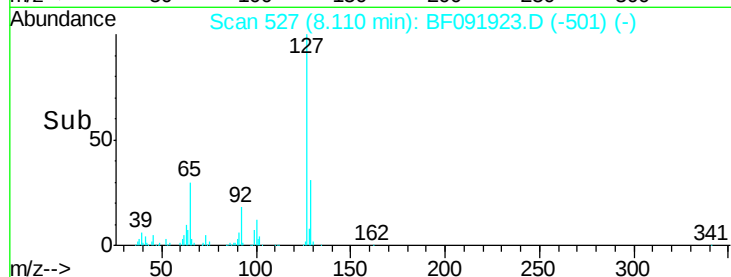
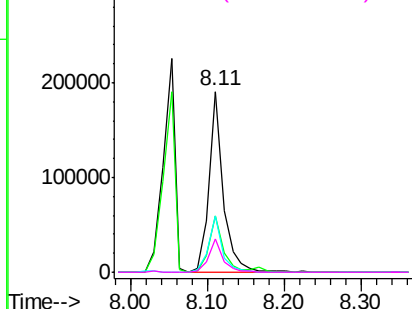
#33
4-Chloroaniline
Concen: 14.25 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tgt Ion:	127	Resp:	244765
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	30.8	25.8	38.8
92	18.4	16.1	24.1

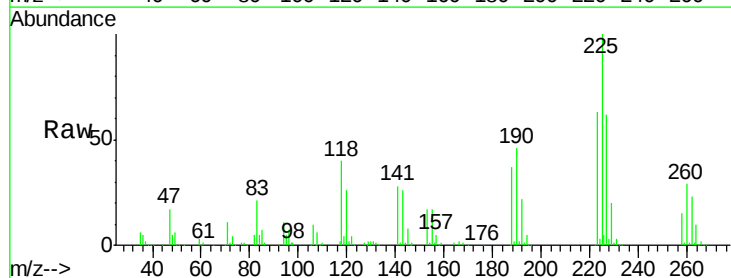


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

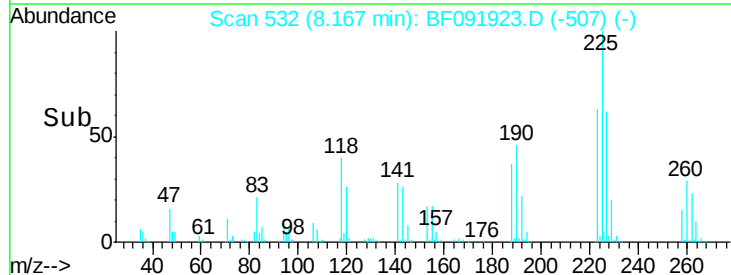
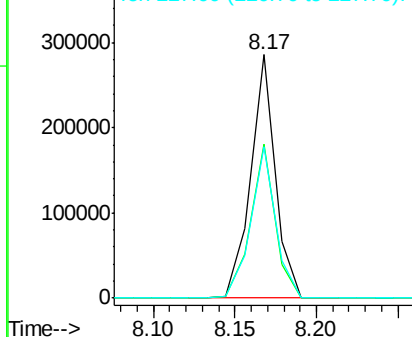


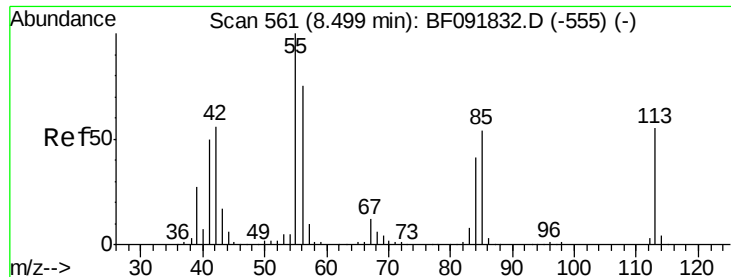
#34
Hexachlorobutadiene
Concen: 46.92 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:	225	Resp:	299659
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	62.0	50.6	76.0



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

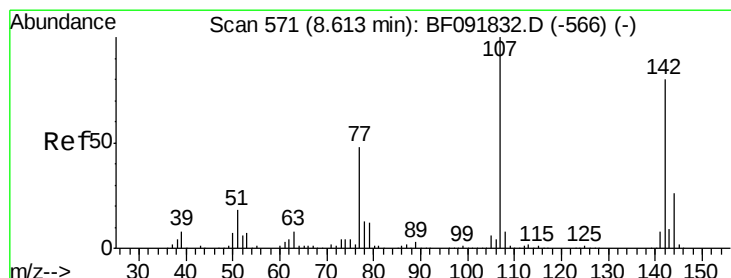
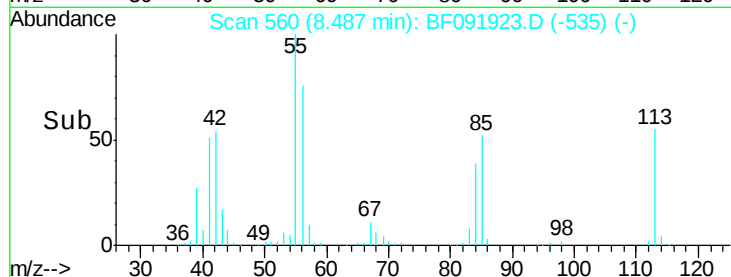
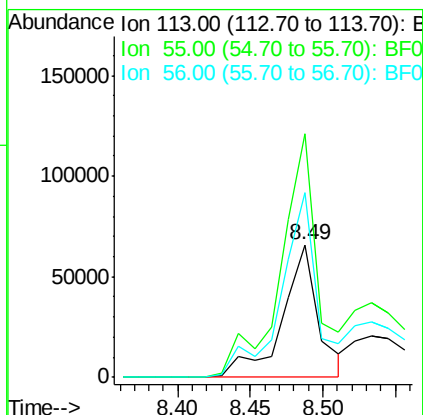
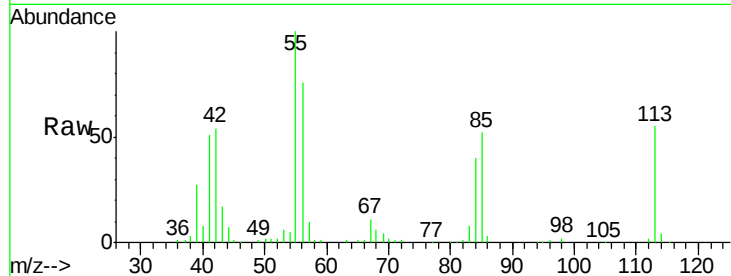




#35
 Caprolactam
 Concen: 31.37 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

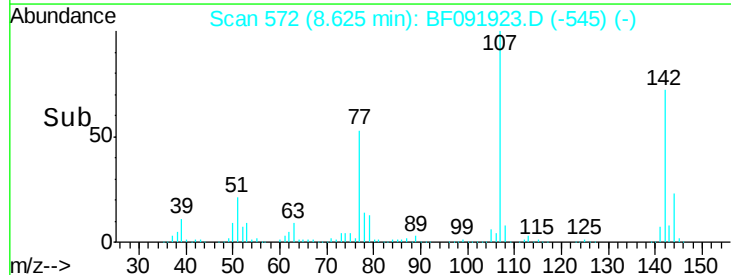
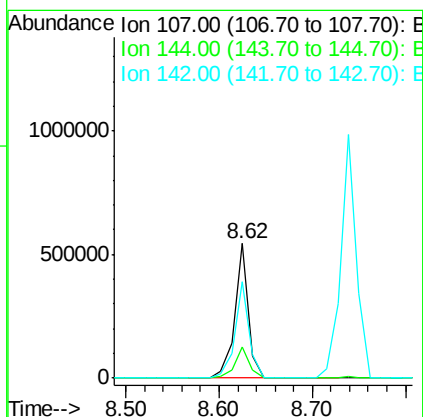
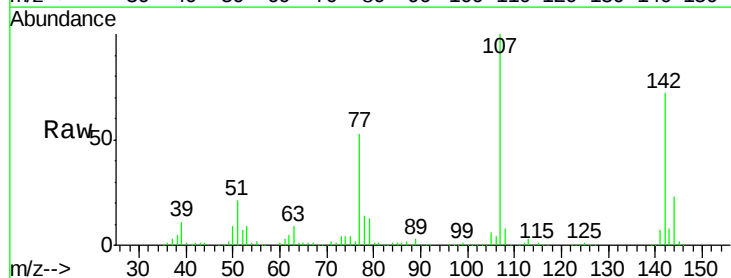
Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

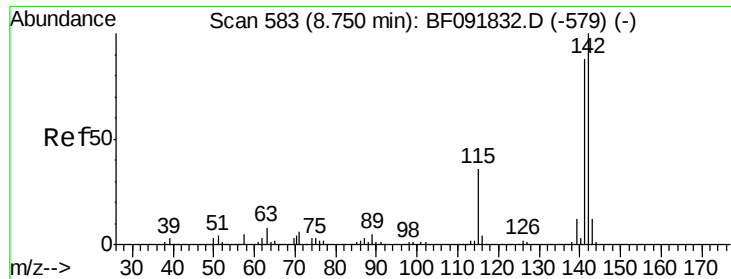
Tgt Ion:113 Resp: 113816
 Ion Ratio Lower Upper
 113 100
 55 183.3 119.2 159.2#
 56 139.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 43.99 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion:107 Resp: 558841
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.3 28.9
 142 71.7 59.0 88.6

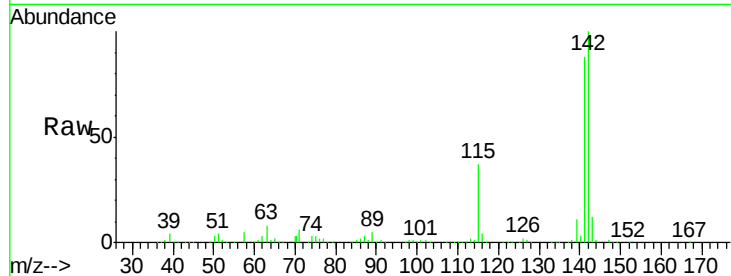




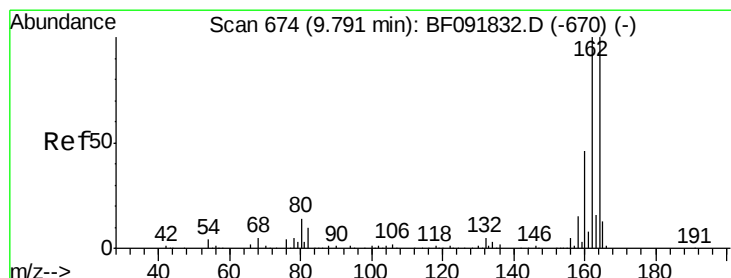
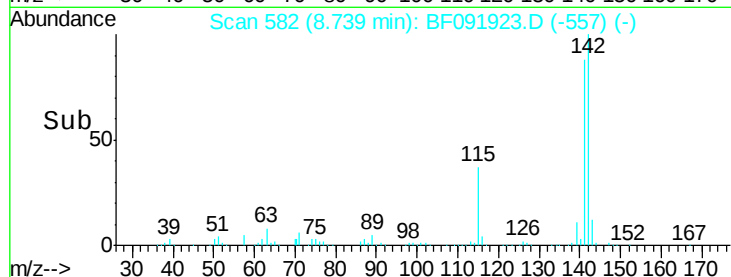
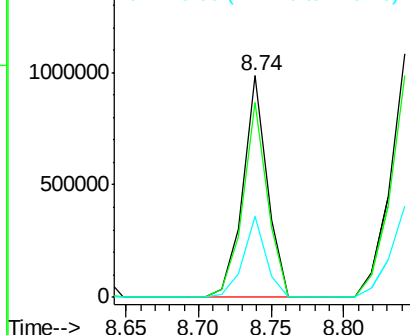
#37
 2-Methylnaphthalene
 Concen: 53.22 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tgt Ion:142 Resp: 1147913
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.6
 115 36.6 28.3 42.5

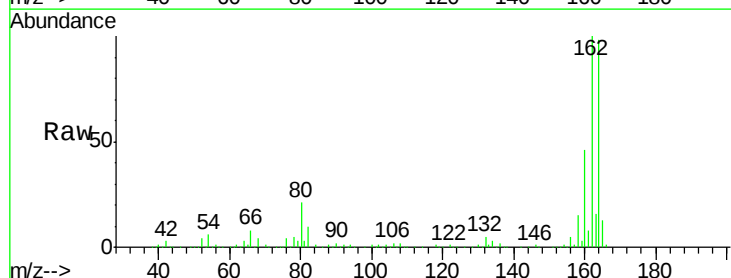


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

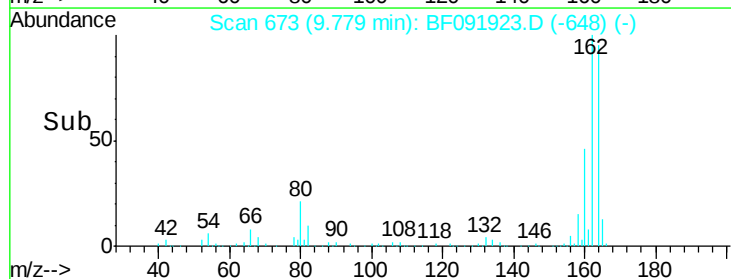
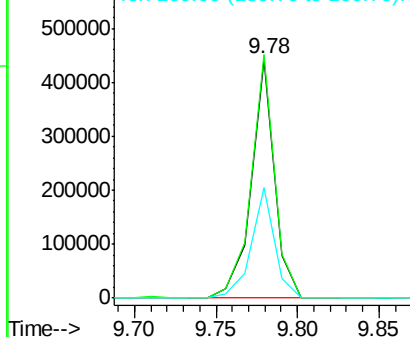


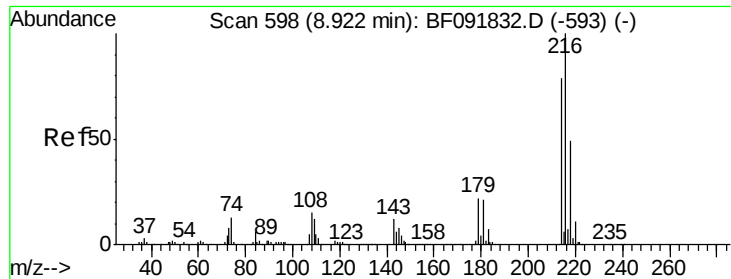
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion:164 Resp: 436436
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.2 120.2
 160 46.4 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.76 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

Tgt Ion:216 Resp: 526633

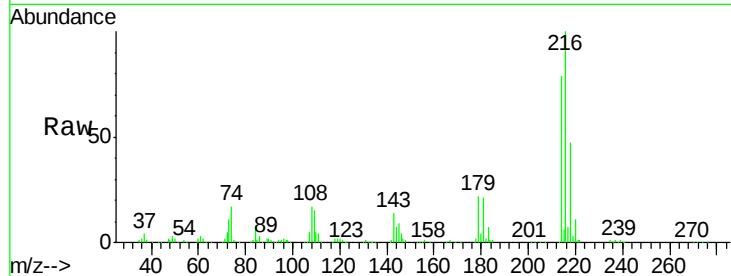
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 22.6 17.4 26.2

108 22.8 15.6 23.4

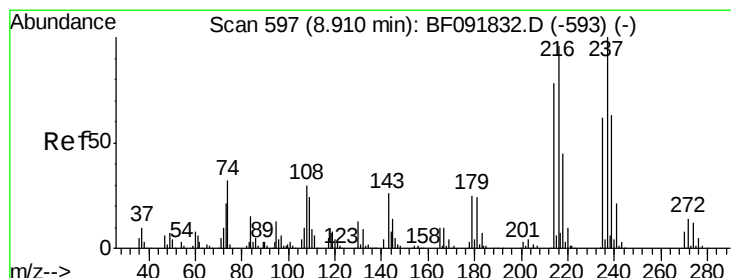
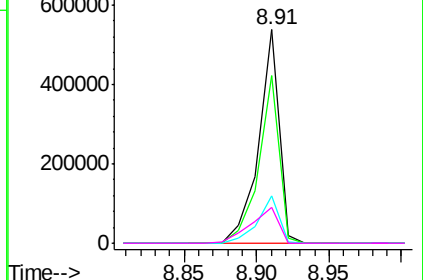
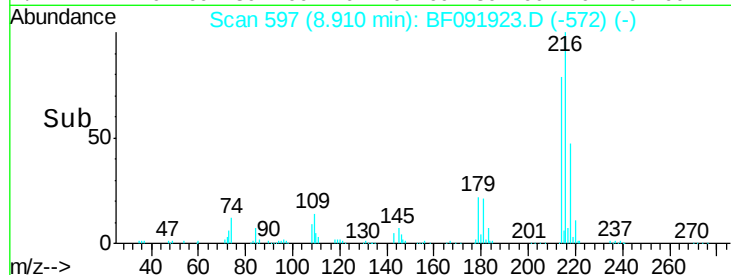


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.65 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

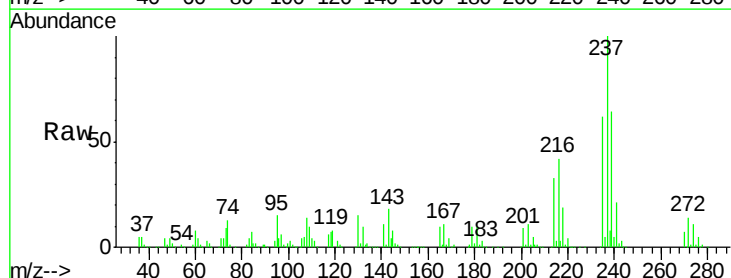
Tgt Ion:237 Resp: 478920

Ion Ratio Lower Upper

237 100

235 62.5 41.2 81.2

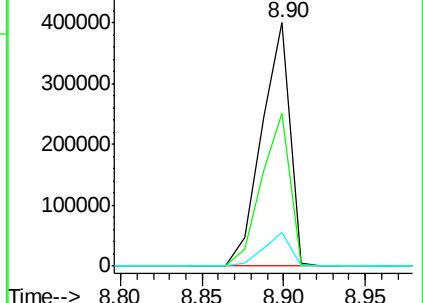
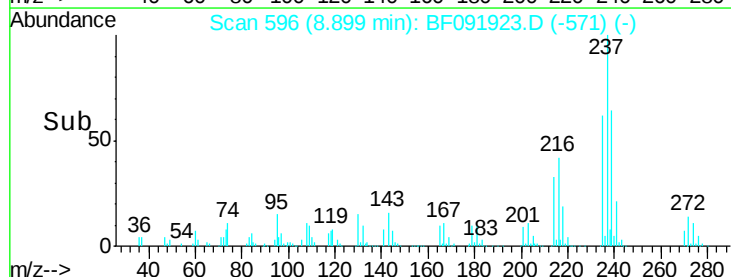
272 14.1 0.0 35.4

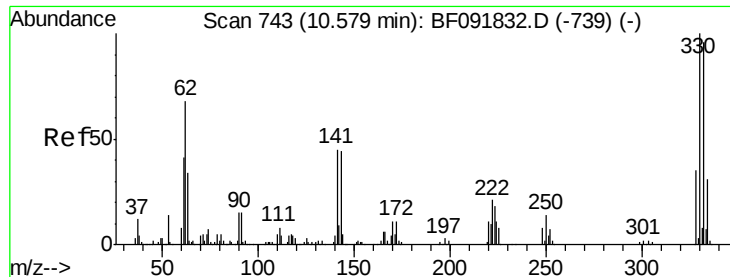


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

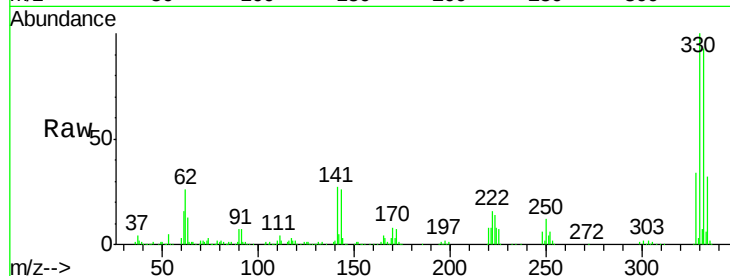




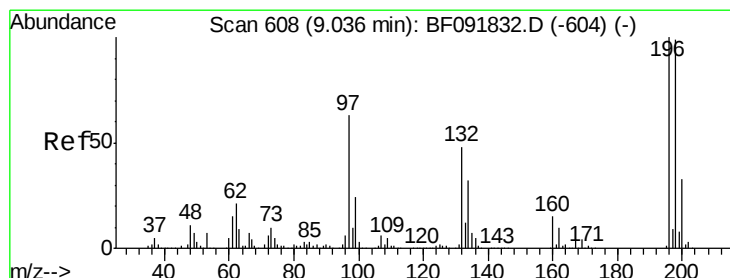
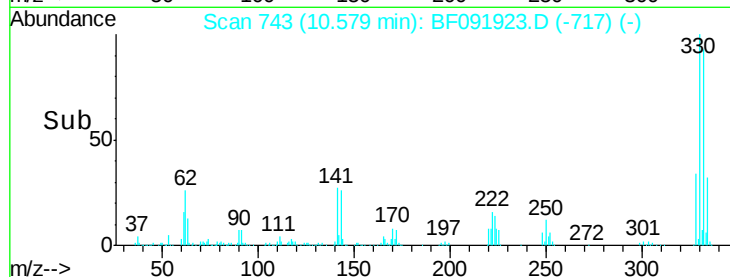
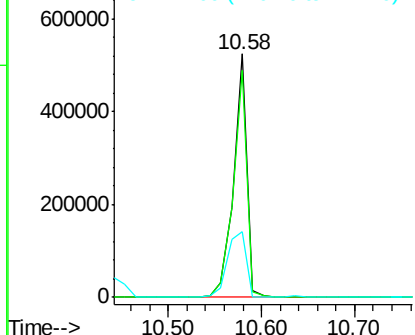
#41
 2,4,6-Tribromophenol
 Concen: 147.83 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tgt Ion:330 Resp: 533951
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 38.0 34.1 51.1

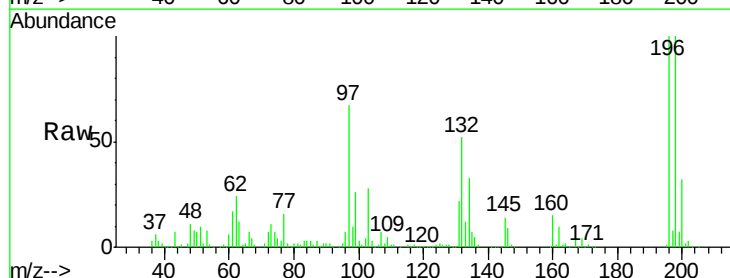


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

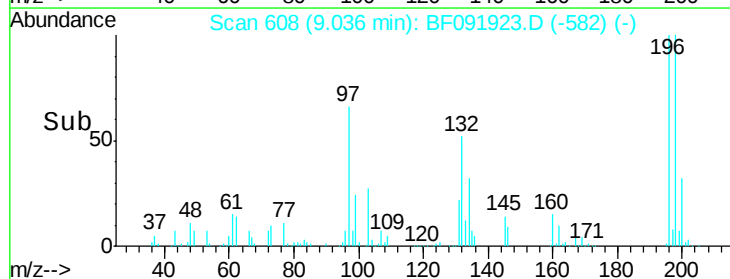
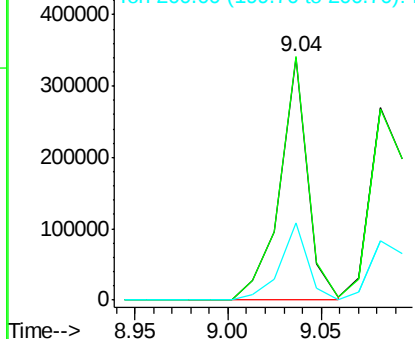


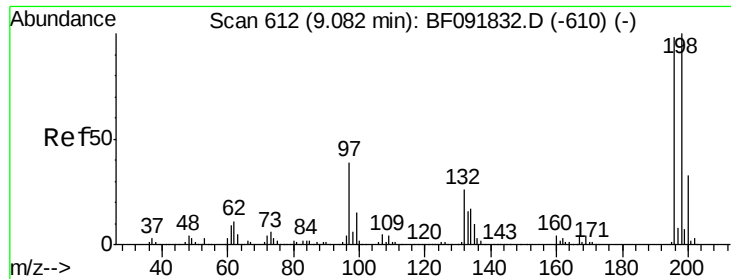
#42
 2,4,6-Trichlorophenol
 Concen: 46.22 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion:196 Resp: 356429
 Ion Ratio Lower Upper
 196 100
 198 100.3 82.1 123.1
 200 32.0 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

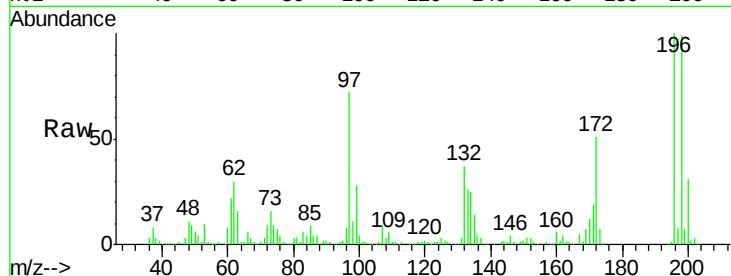




#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.4	119.2
97	72.2	51.5	77.3
132	36.9	27.4	41.2



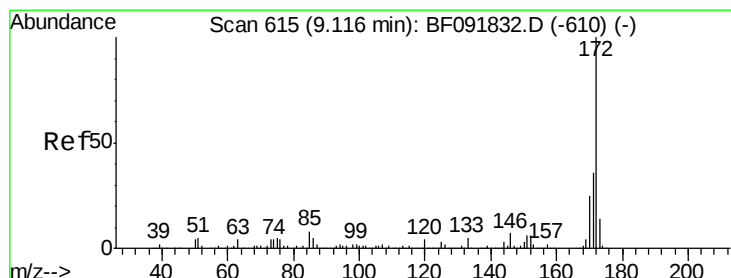
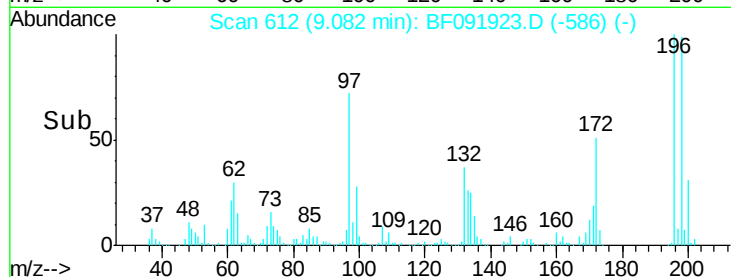
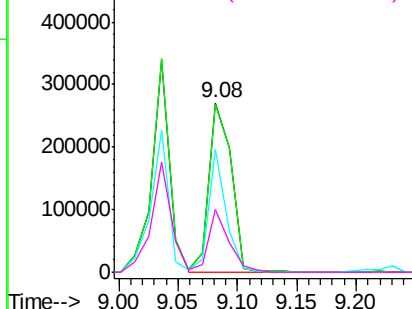
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

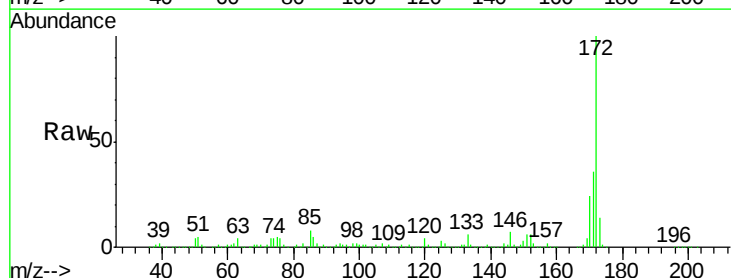
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4

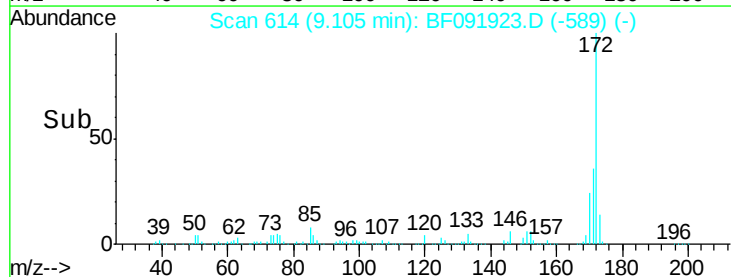
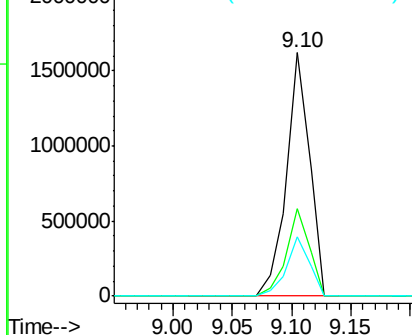


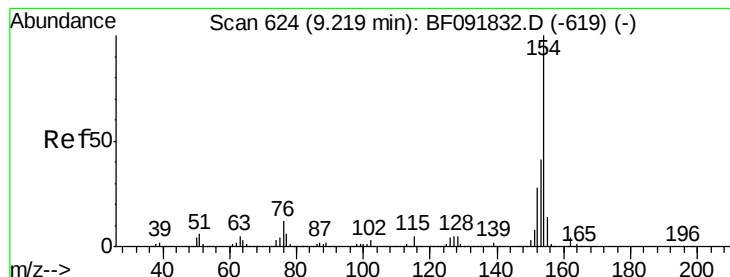
Abundance

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: 49.66 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

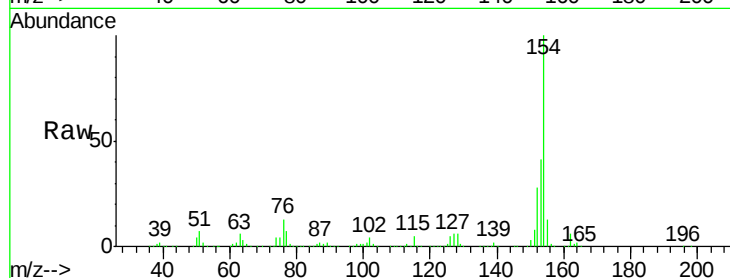
Tgt Ion:154 Resp: 1483861

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

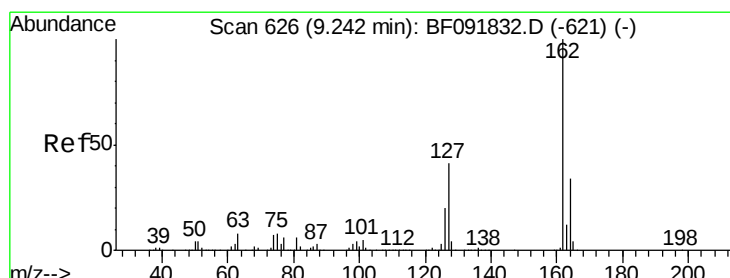
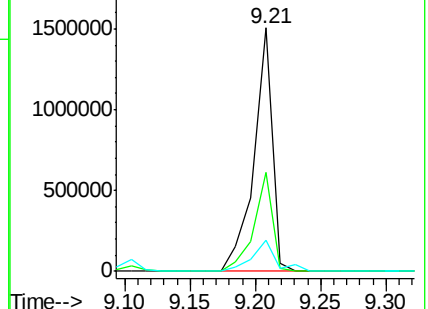
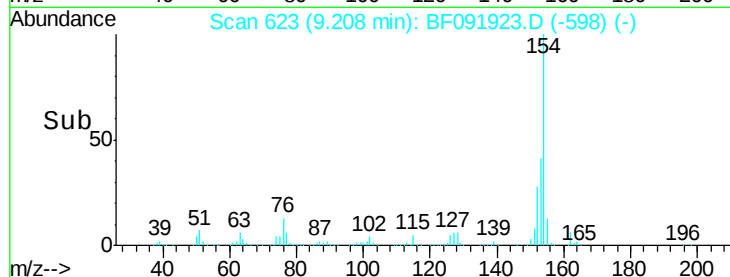
76 12.6 0.0 30.5



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: 46.76 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

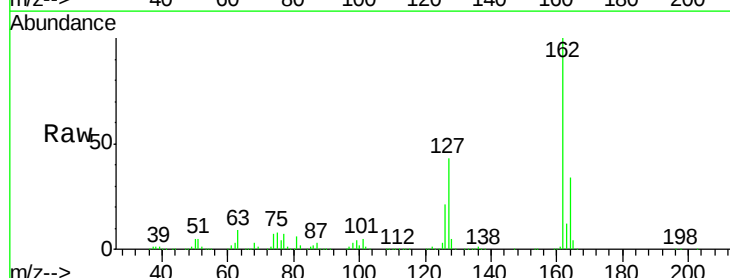
Tgt Ion:162 Resp: 1106577

Ion Ratio Lower Upper

162 100

127 42.9 30.7 46.1

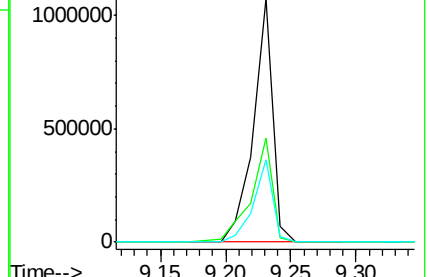
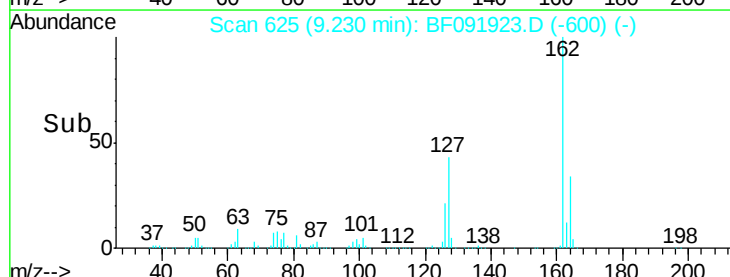
164 33.6 27.6 41.4

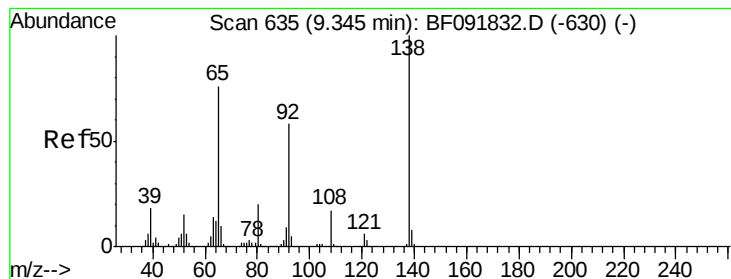


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.71 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

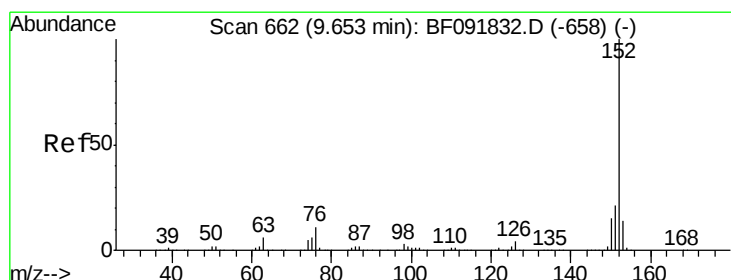
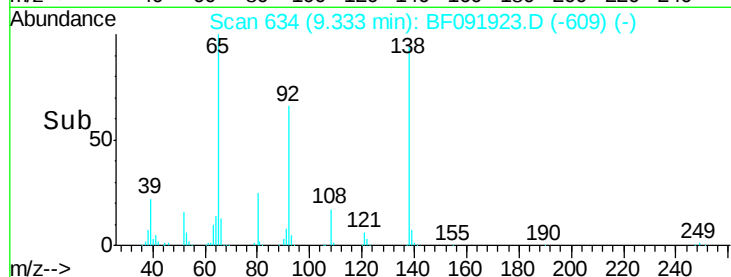
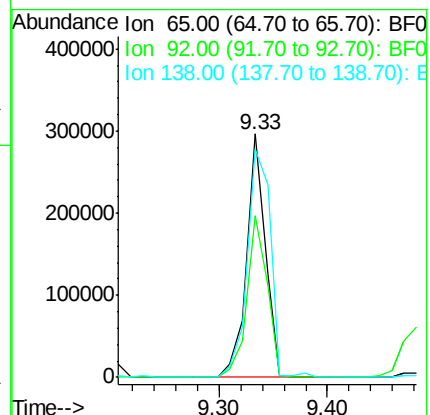
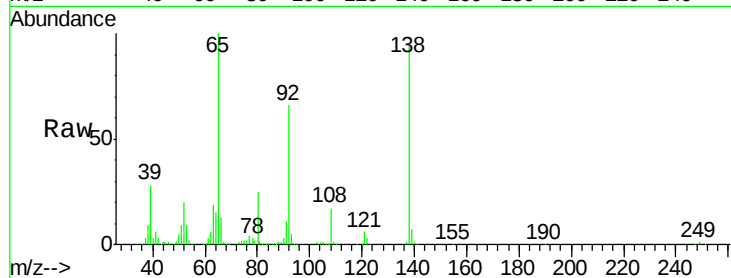
Tgt Ion: 65 Resp: 351437

Ion Ratio Lower Upper

65 100

92 66.3 53.9 80.9

138 93.8 76.8 115.2



#48

Acenaphthylene

Concen: 43.74 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

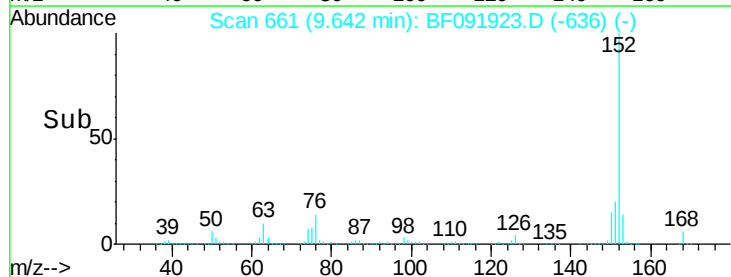
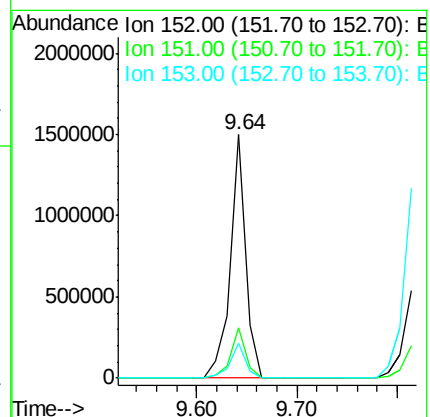
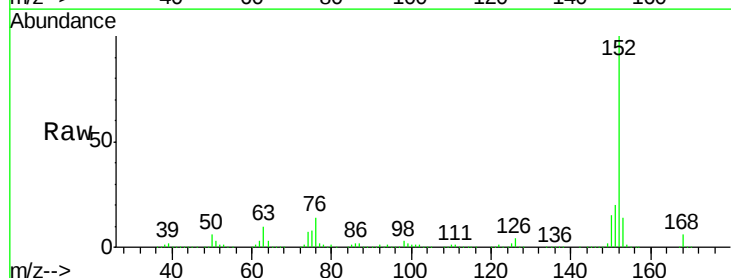
Tgt Ion: 152 Resp: 1591899

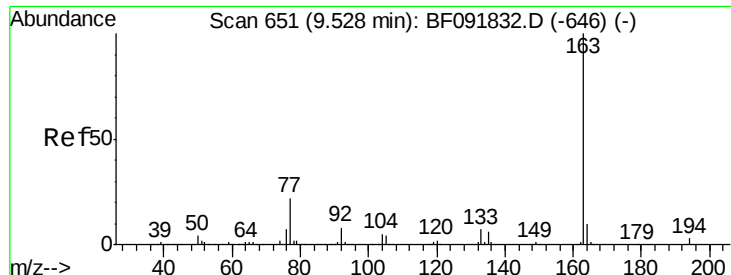
Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

153 14.3 11.4 17.2

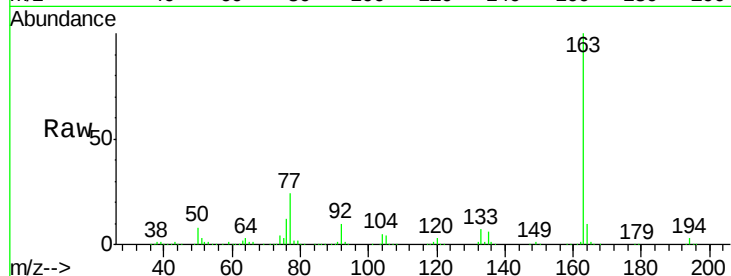




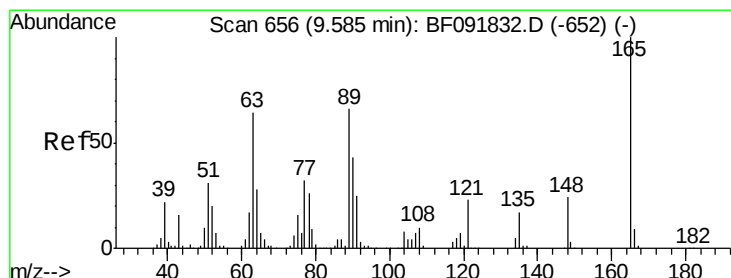
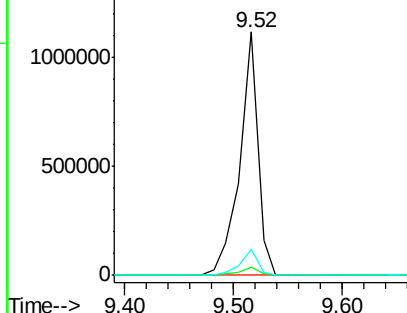
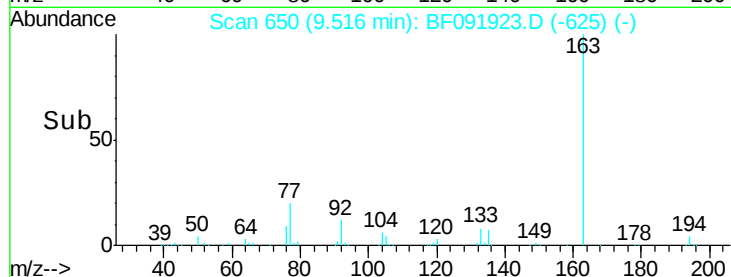
#49
Dimethylphthalate
Concen: 45.91 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tgt Ion:163 Resp: 1281456
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.0 12.0

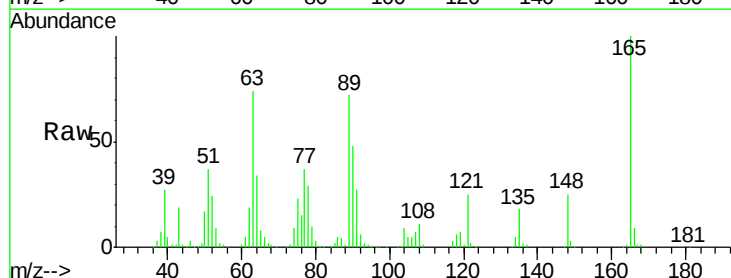


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

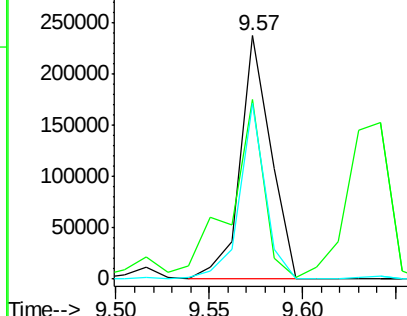
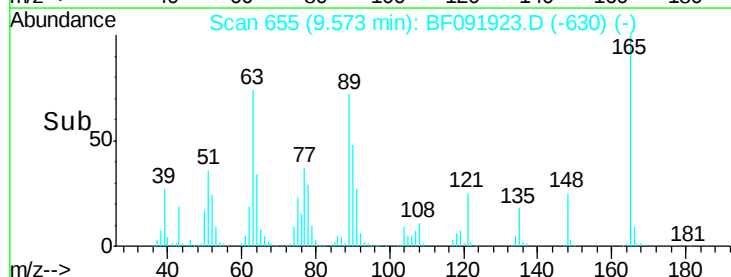


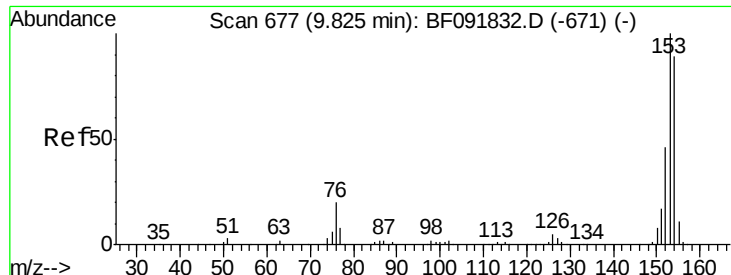
#50
2,6-Dinitrotoluene
Concen: 44.17 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:165 Resp: 269894
Ion Ratio Lower Upper
165 100
63 73.6 36.2 54.4#
89 72.3 40.2 60.4#



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

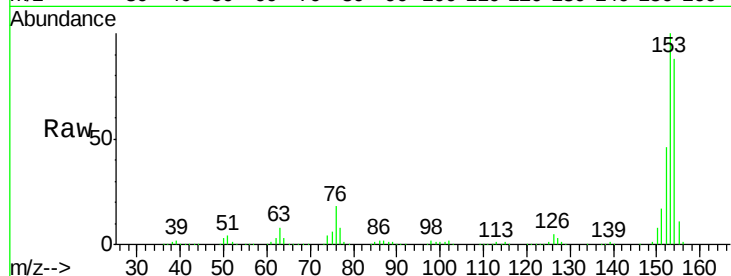




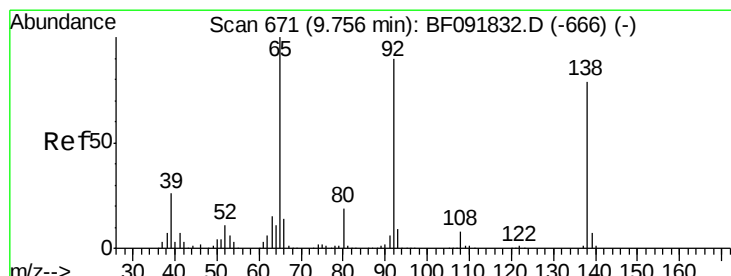
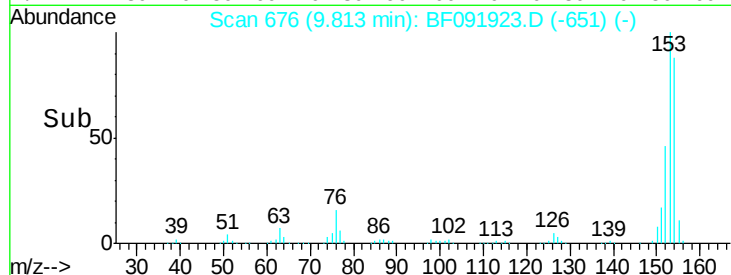
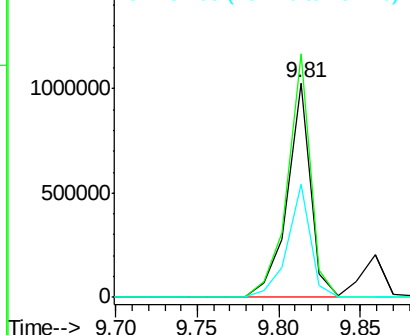
#51
Acenaphthene
Concen: 41.66 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tgt Ion:154 Resp: 1027994
Ion Ratio Lower Upper
154 100
153 113.5 88.6 133.0
152 52.4 41.6 62.4

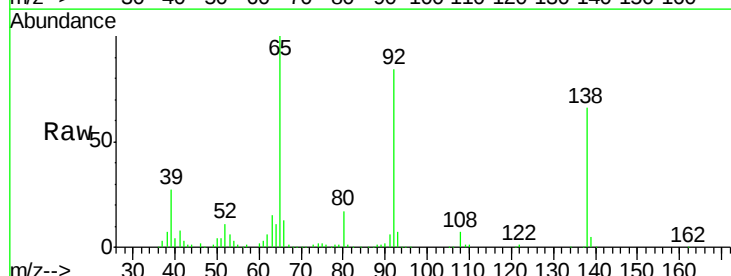


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

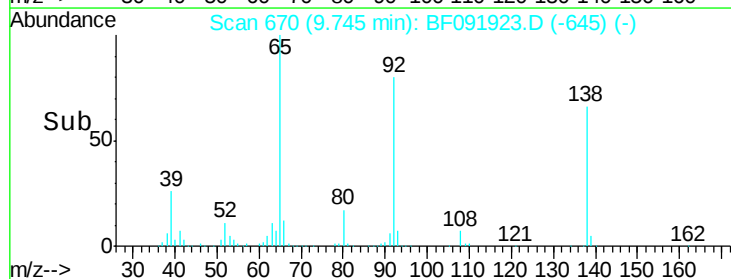
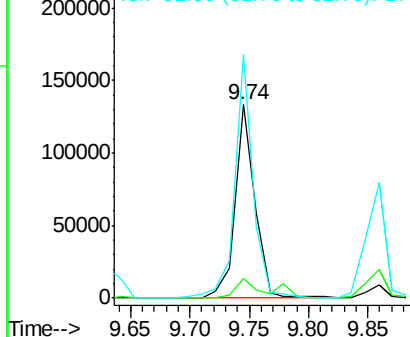


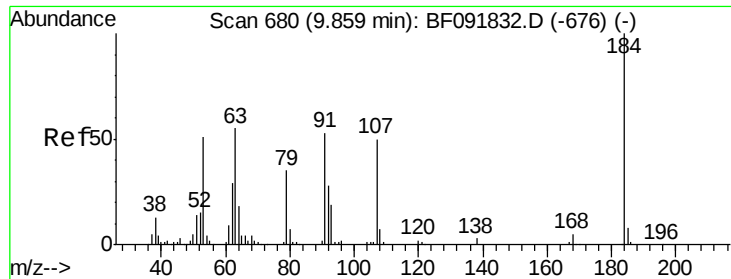
#52
3-Nitroaniline
Concen: 20.43 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:138 Resp: 154433
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 126.0 97.8 146.8



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

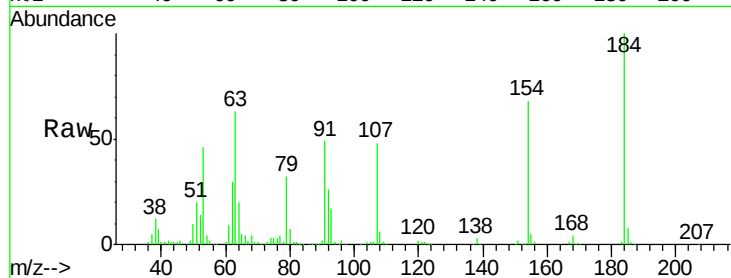




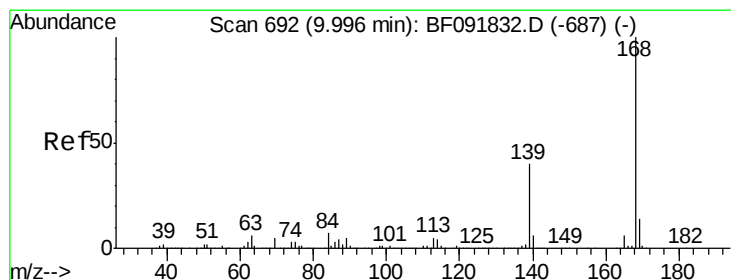
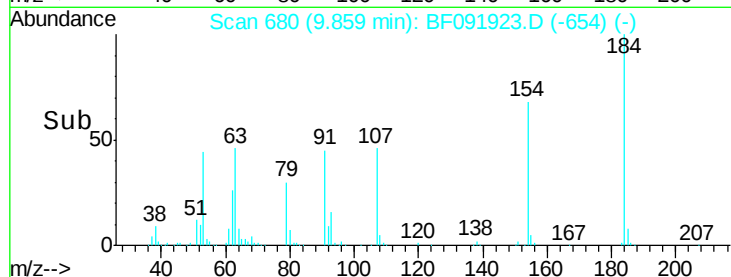
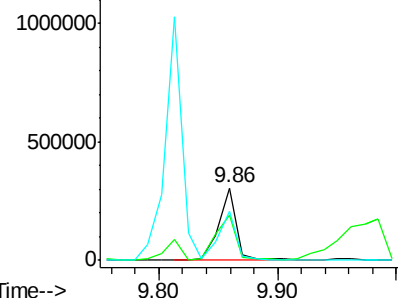
#53
 2,4-Dinitrophenol
 Concen: 95.91 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tgt Ion:184 Resp: 326060
 Ion Ratio Lower Upper
 184 100
 63 63.1 28.4 42.6#
 154 67.6 44.3 66.5#

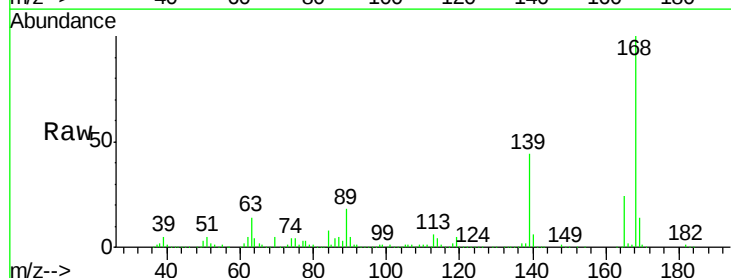


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

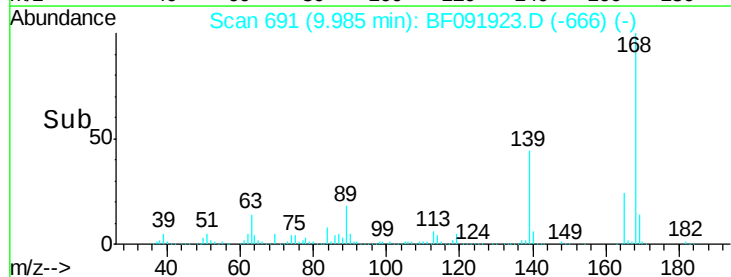
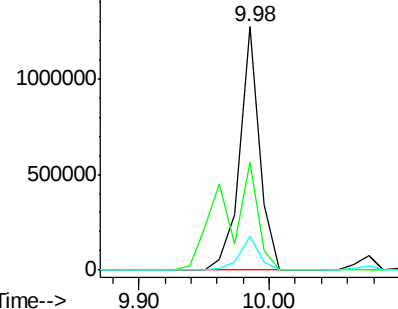


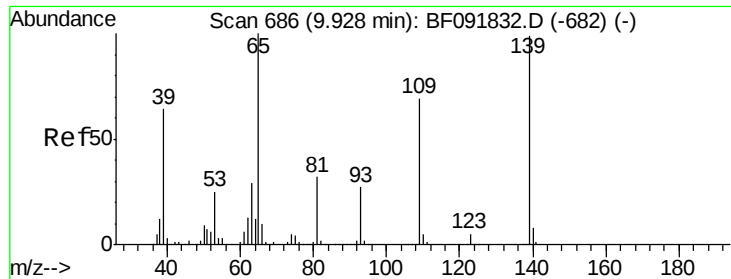
#54
 Dibenzofuran
 Concen: 40.48 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion:168 Resp: 1348838
 Ion Ratio Lower Upper
 168 100
 139 44.1 32.6 49.0
 169 13.9 11.3 16.9



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

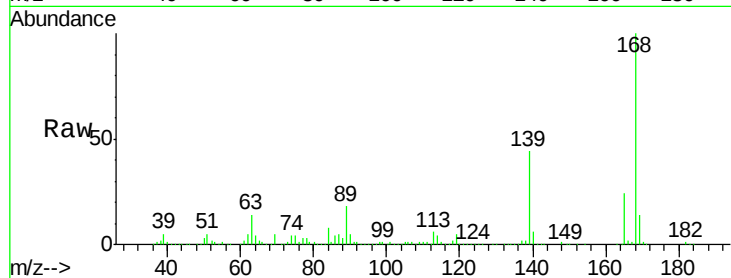




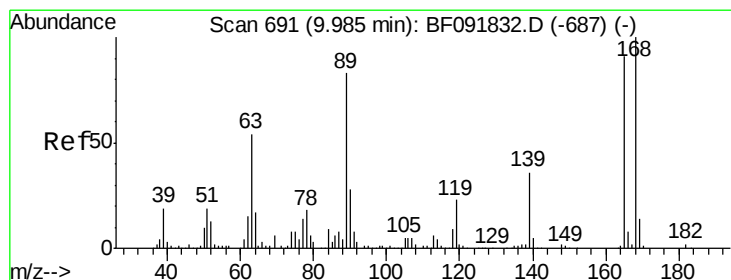
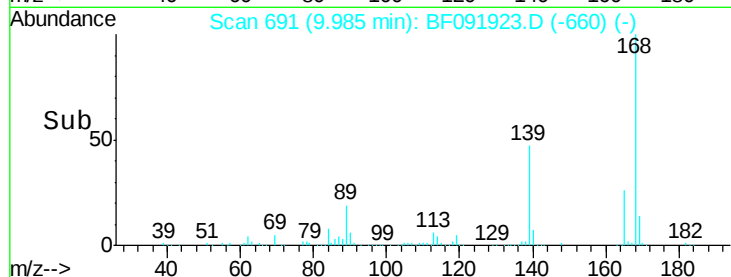
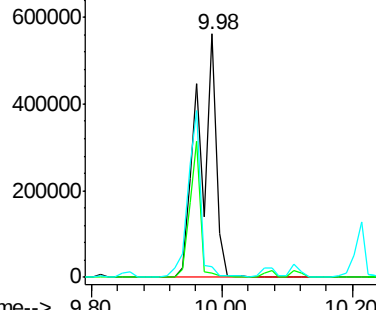
#55
4-Nitrophenol
Concen: 203.61 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.06 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tgt Ion:139 Resp: 1045295
Ion Ratio Lower Upper
139 100
109 1.7 52.2 92.2#
65 4.2 85.8 125.8#



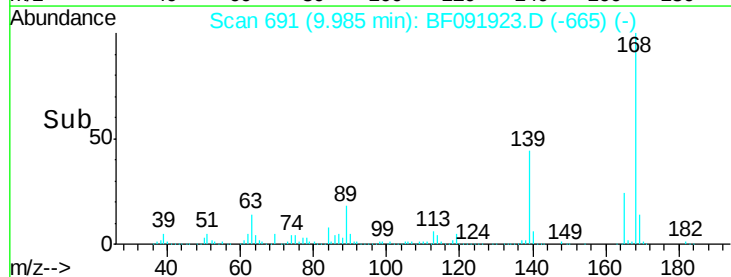
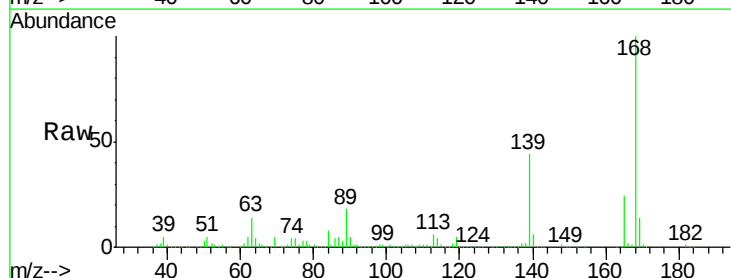
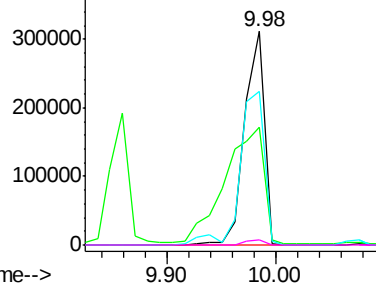
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

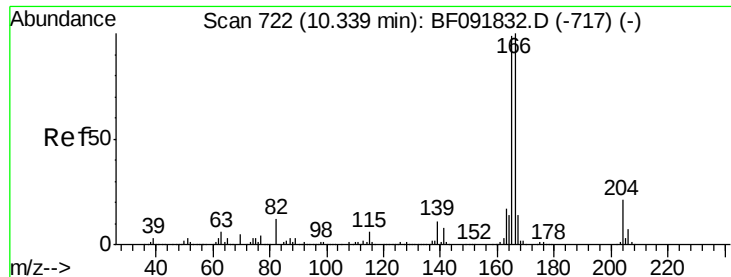


#56
2,4-Dinitrotoluene
Concen: 51.11 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:165 Resp: 391948
Ion Ratio Lower Upper
165 100
63 55.4 40.2 60.4
89 72.2 62.5 93.7
182 2.4 1.8 2.8

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

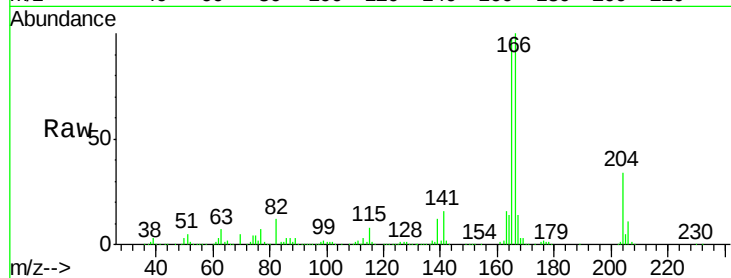




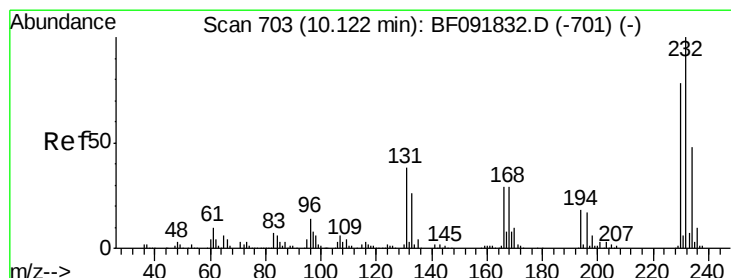
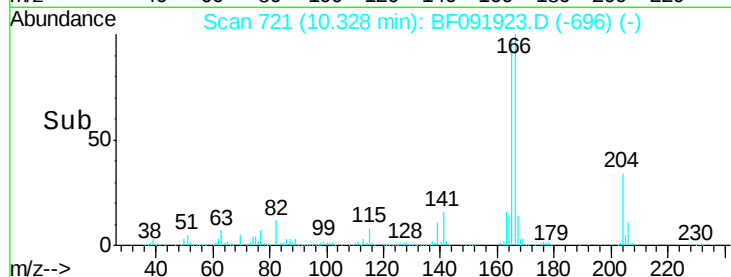
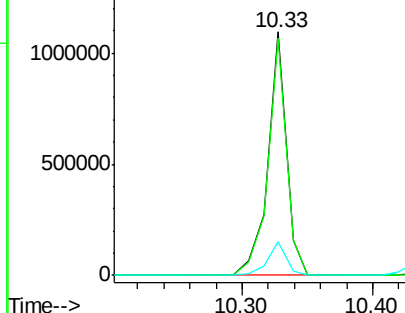
#57
 Fluorene
 Concen: 45.18 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampled :
 PB95610BS

Tgt Ion:166 Resp: 1095292
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.8 116.8
 167 13.8 10.8 16.2

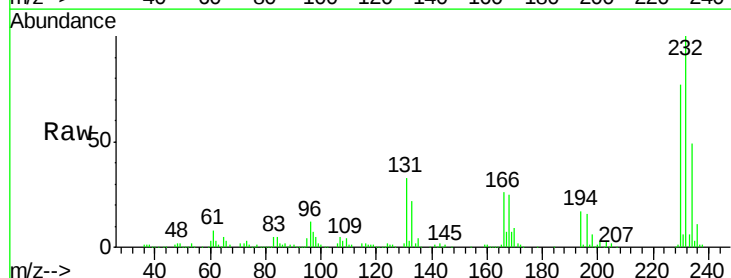


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

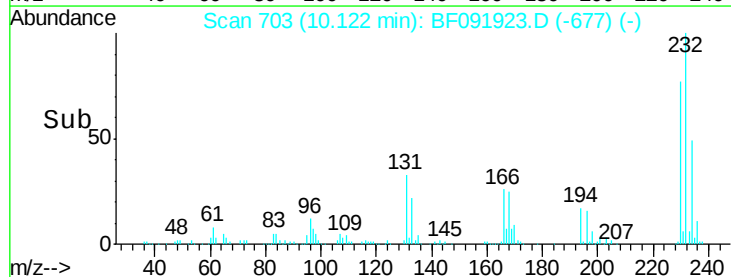
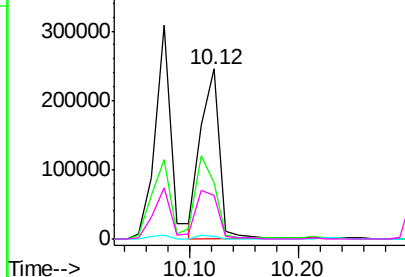


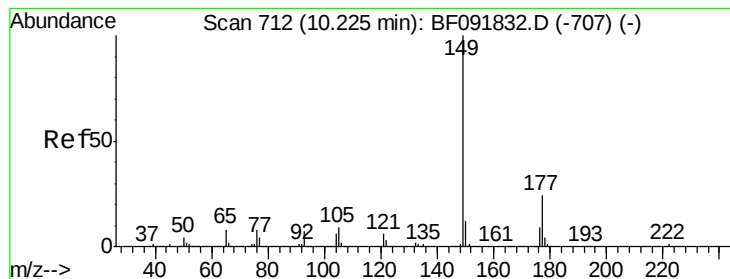
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.59 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion:232 Resp: 298701
 Ion Ratio Lower Upper
 232 100
 131 51.4 40.1 60.1
 130 2.4 1.8 2.8
 166 33.1 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.38 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

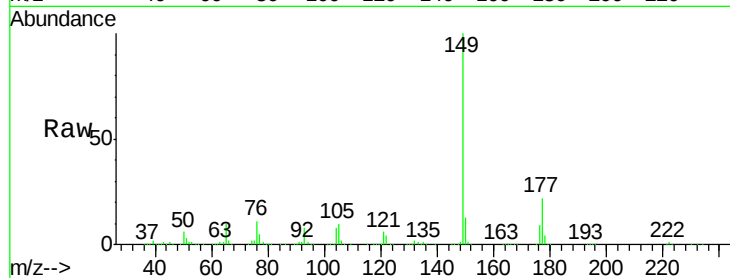
Tgt Ion:149 Resp: 1257305

Ion Ratio Lower Upper

149 100

177 21.8 16.6 25.0

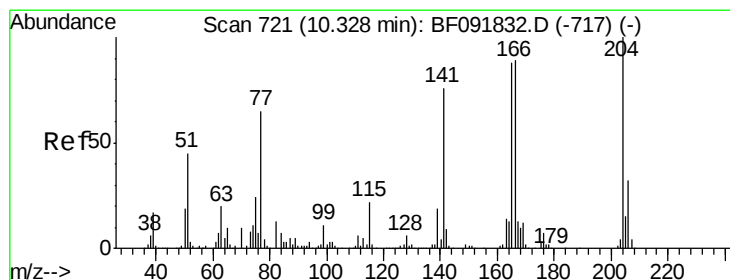
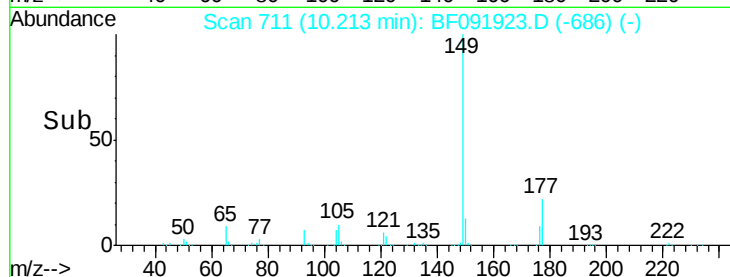
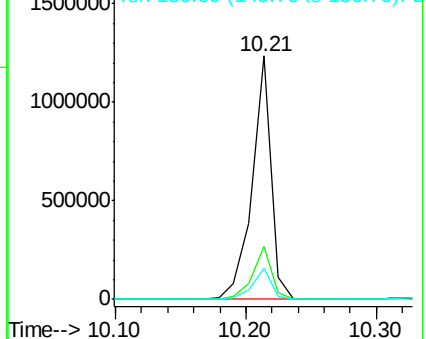
150 12.8 10.4 15.6



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: 49.21 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

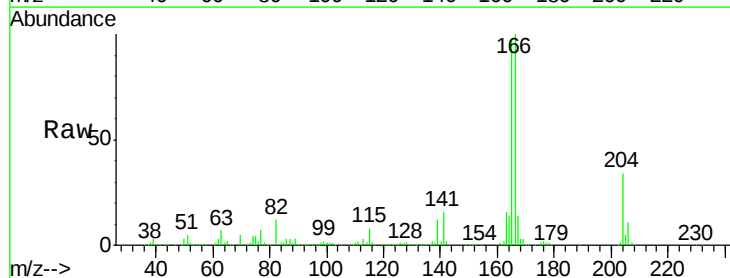
Tgt Ion:204 Resp: 522415

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

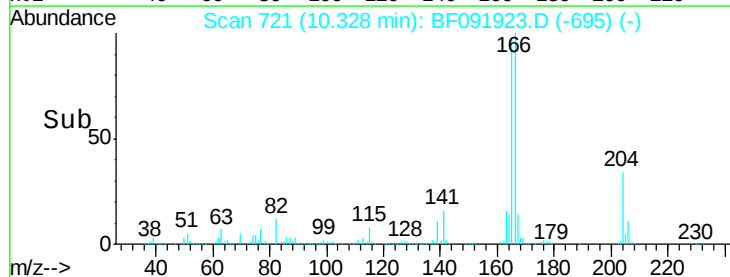
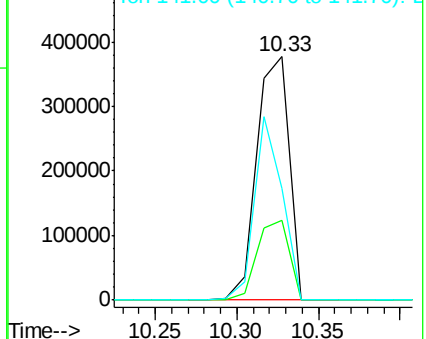
141 45.9 59.4 89.0#

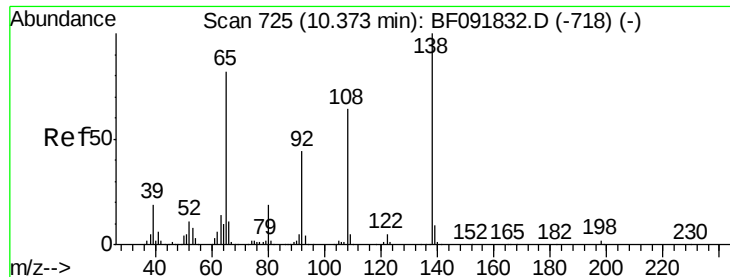


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.71 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

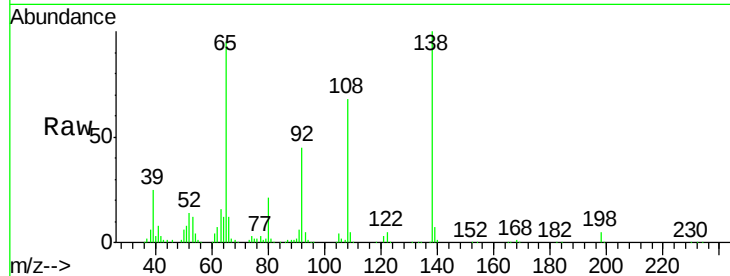
Tgt Ion:138 Resp: 326773

Ion Ratio Lower Upper

138 100

92 45.4 31.7 71.7

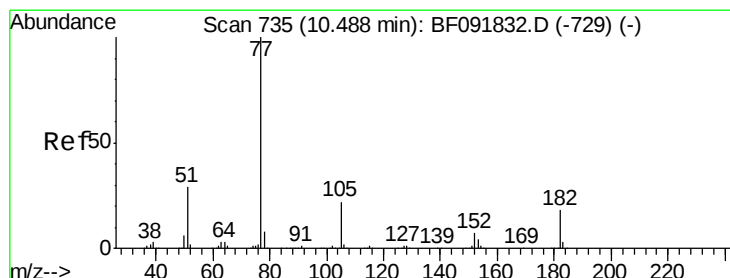
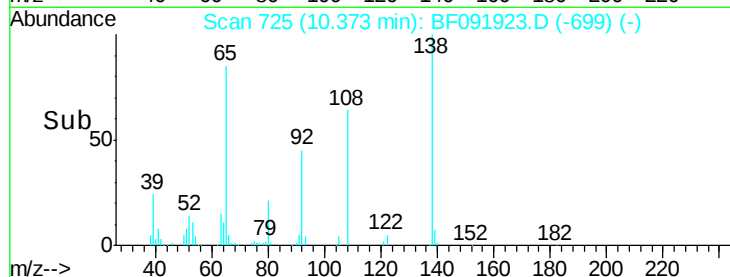
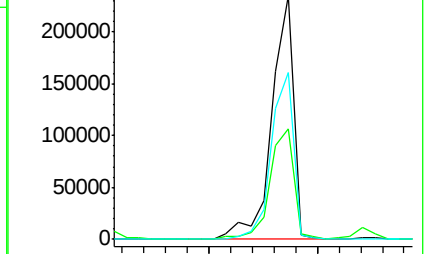
108 68.5 52.6 92.6



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: 48.23 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Tgt Ion: 77 Resp: 1439568

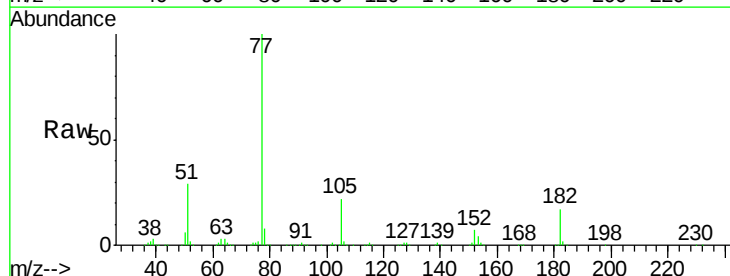
Ion Ratio Lower Upper

77 100

182 16.9 0.0 39.3

105 22.0 2.3 42.3

51 29.4 8.9 48.9

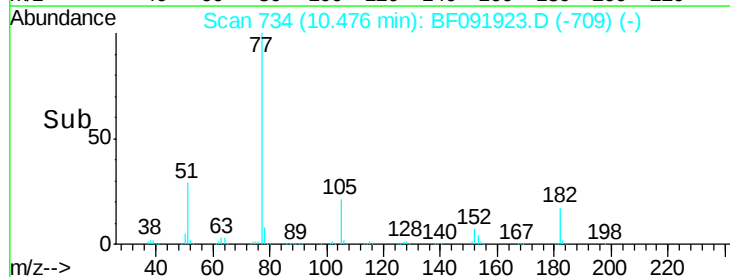
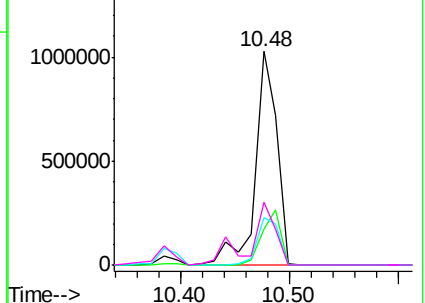


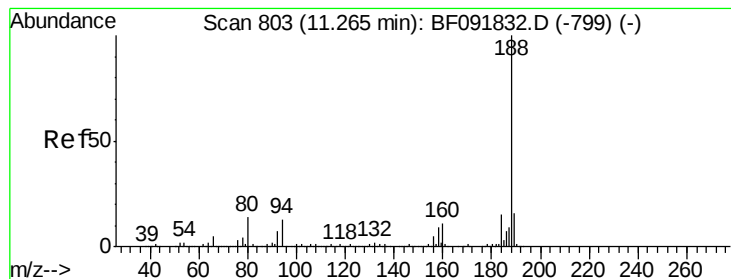
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

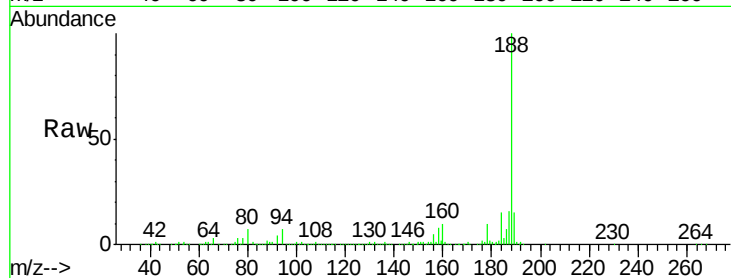
Tgt Ion:188 Resp: 743540

Ion Ratio Lower Upper

188 100

94 6.9 10.0 15.0#

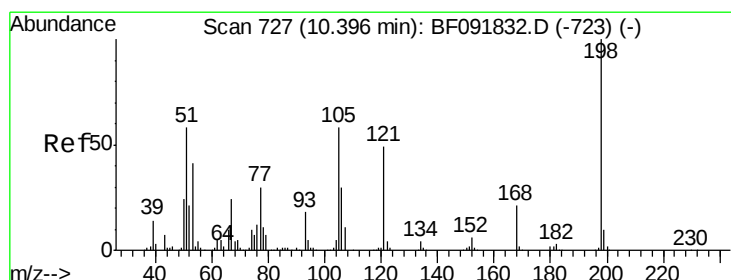
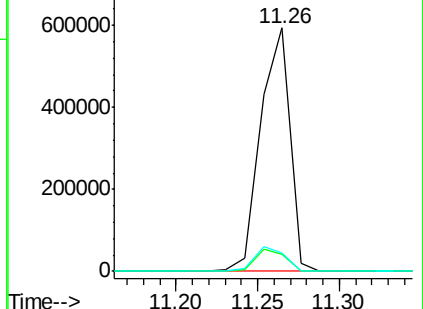
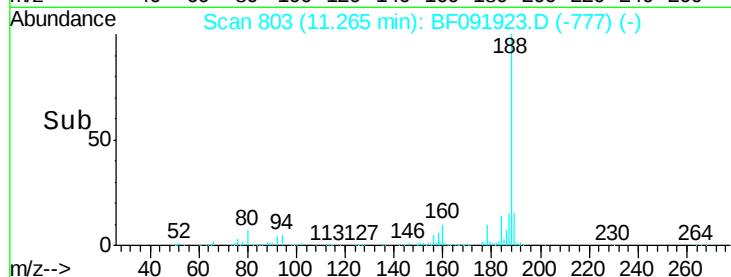
80 7.5 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.21 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

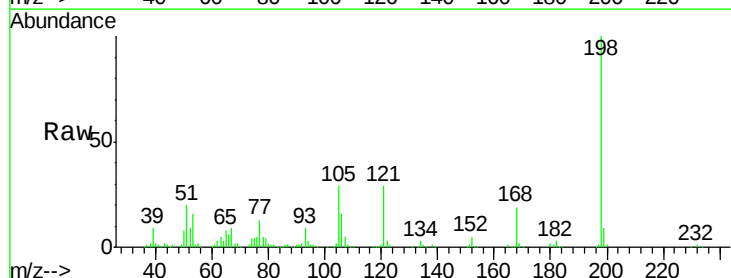
Tgt Ion:198 Resp: 225767

Ion Ratio Lower Upper

198 100

51 20.3 6.7 46.7

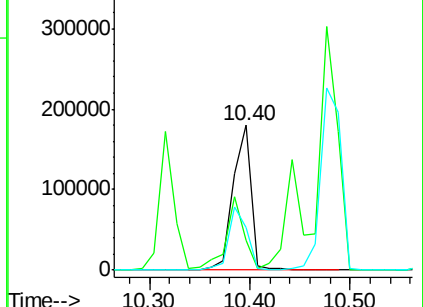
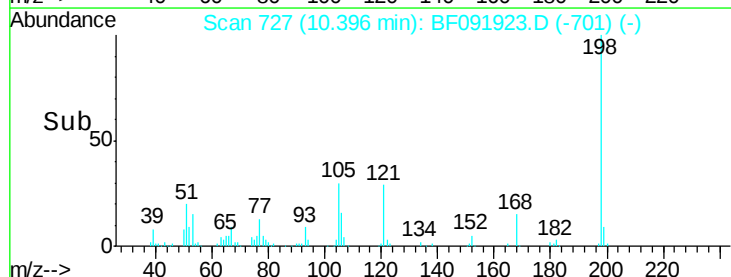
105 29.3 16.6 56.6

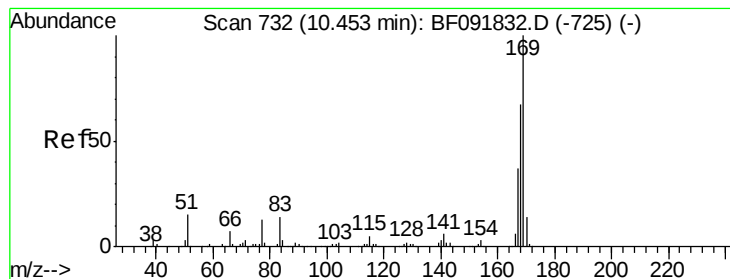


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.98 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

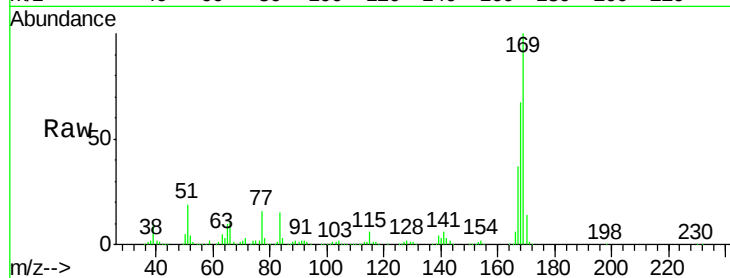
Tgt Ion:169 Resp: 1058537

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

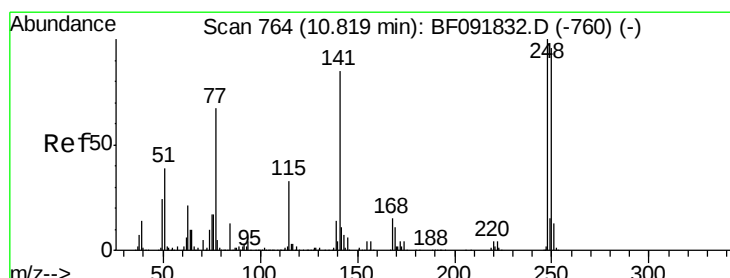
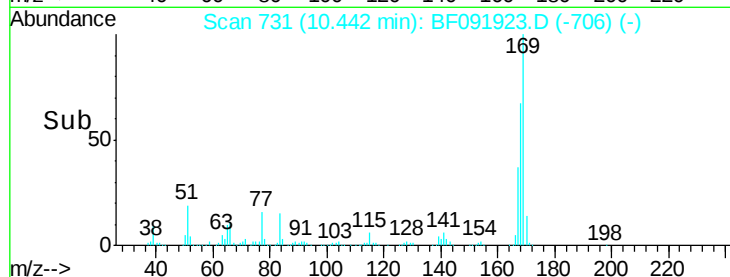
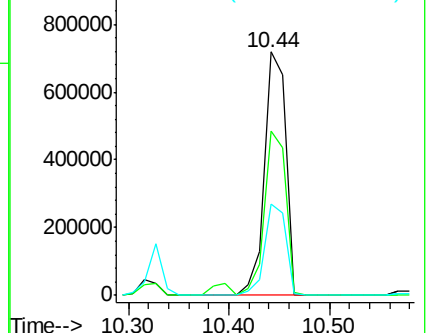
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.09 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

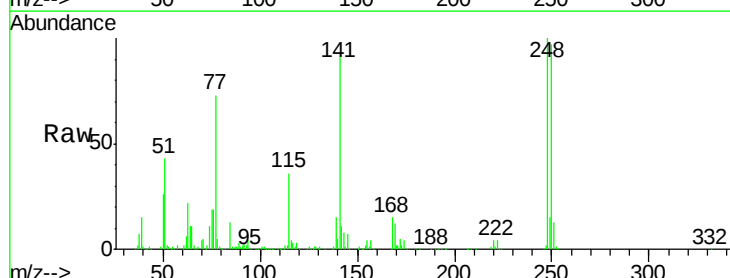
Tgt Ion:248 Resp: 333269

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

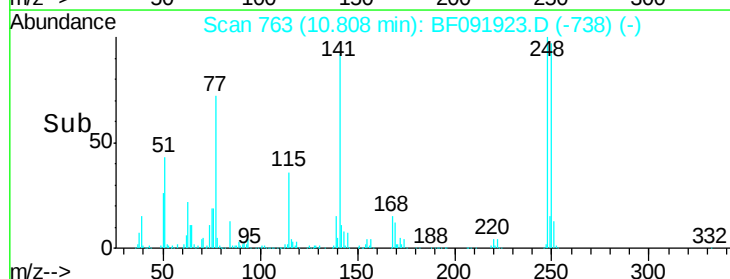
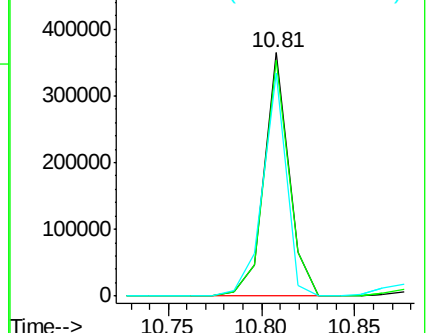
141 91.7 68.2 102.4

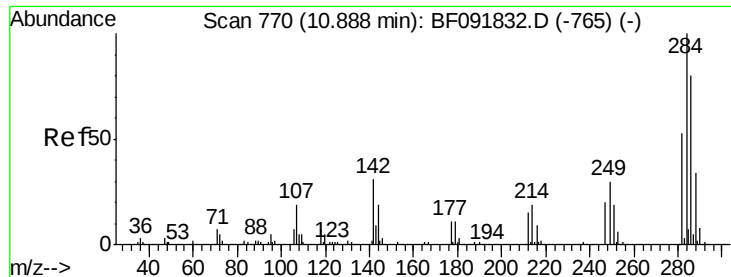


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

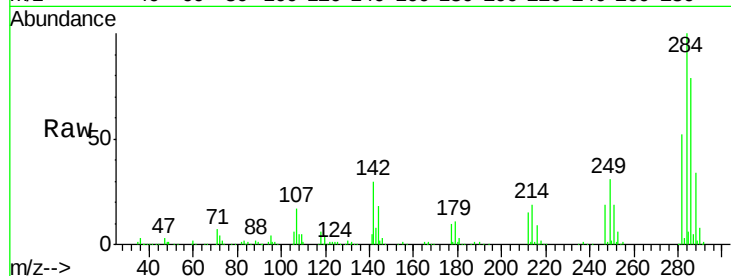




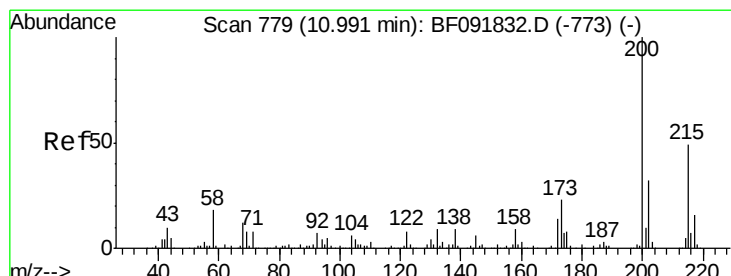
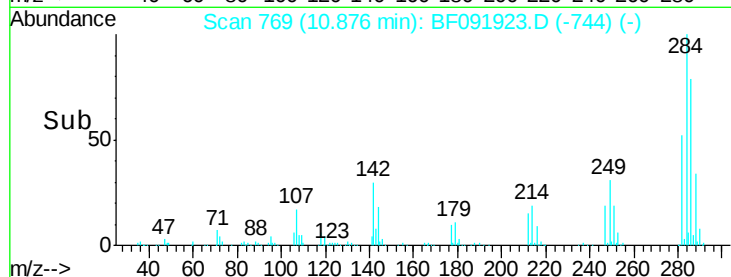
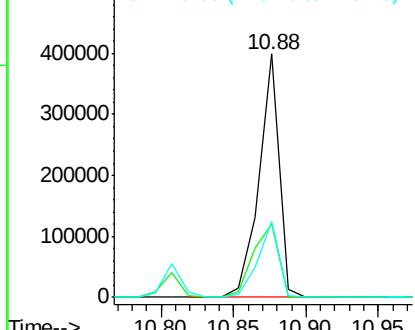
#67
Hexachlorobenzene
Concen: 46.41 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tgt Ion: 284 Resp: 383708
Ion Ratio Lower Upper
284 100
142 30.1 22.6 33.8
249 31.1 25.4 38.0

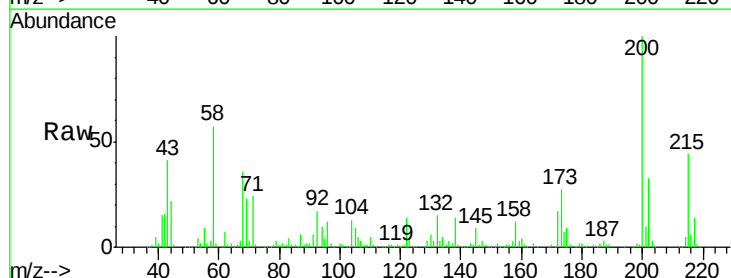


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

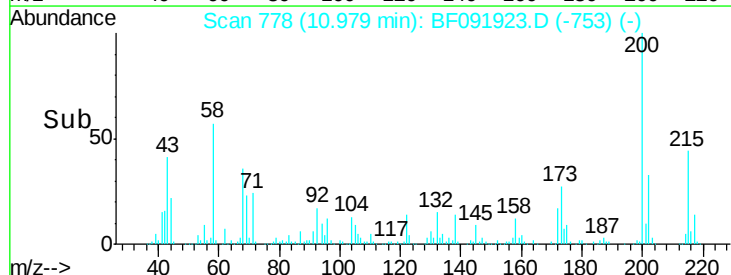
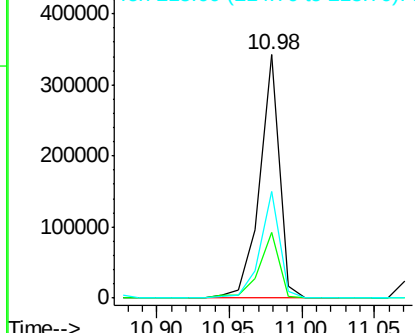


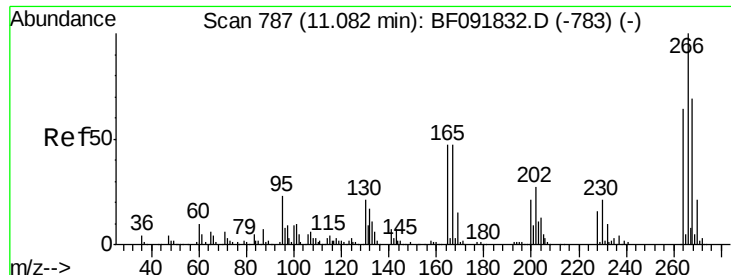
#68
Atrazine
Concen: 45.39 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion: 200 Resp: 323049
Ion Ratio Lower Upper
200 100
173 27.2 9.6 49.6
215 44.0 25.7 65.7



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

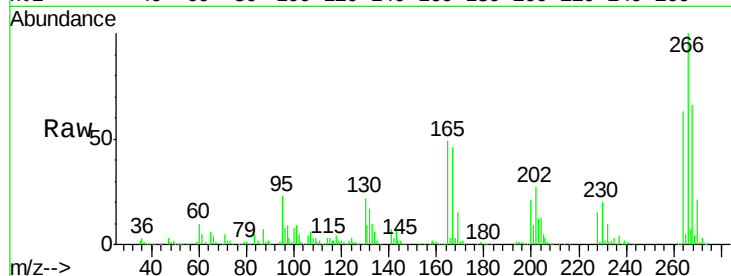




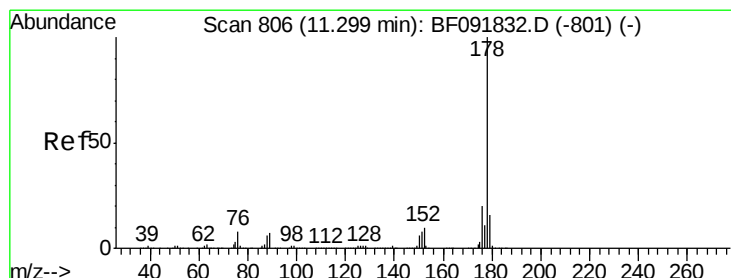
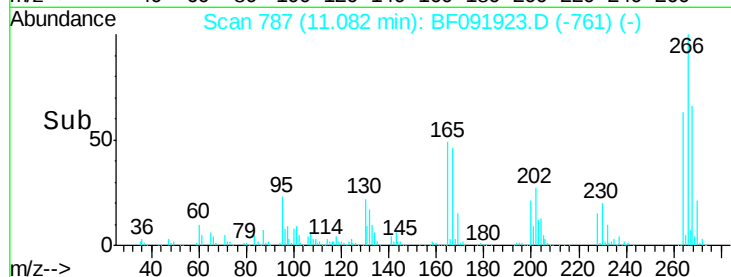
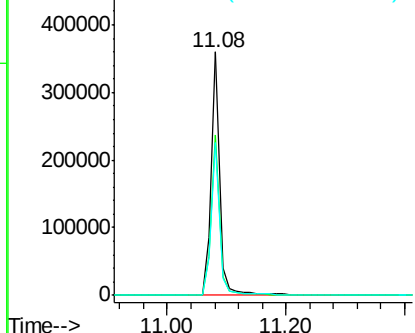
#69
 Pentachlorophenol
 Concen: 89.86 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tgt Ion:266 Resp: 364540
 Ion Ratio Lower Upper
 266 100
 268 66.0 53.3 79.9
 264 62.8 50.3 75.5

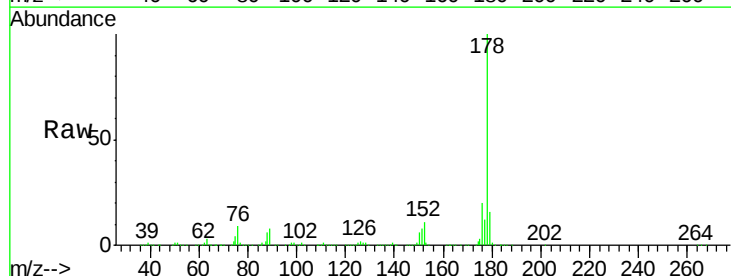


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

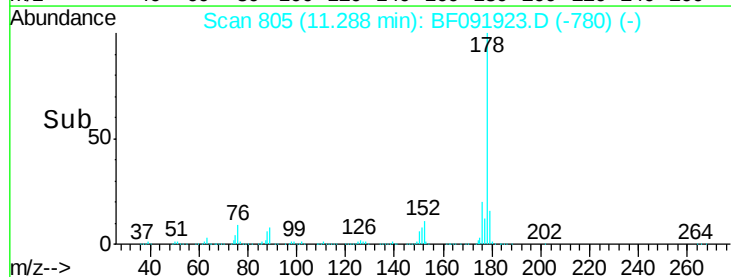
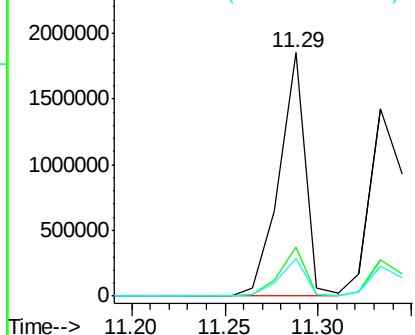


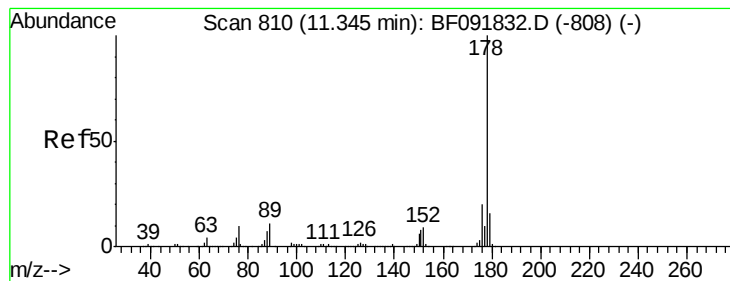
#70
 Phenanthrene
 Concen: 45.13 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion:178 Resp: 1819693
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.7 12.8 19.2



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: 51.07 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

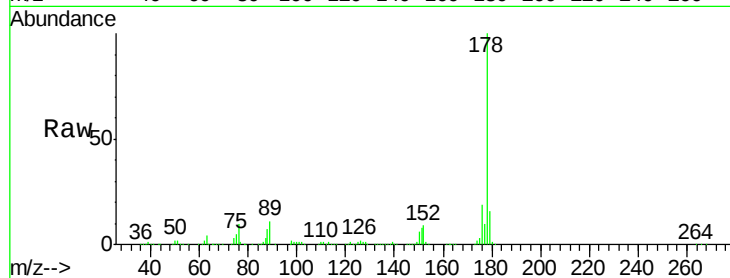
Tgt Ion:178 Resp: 1741682

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

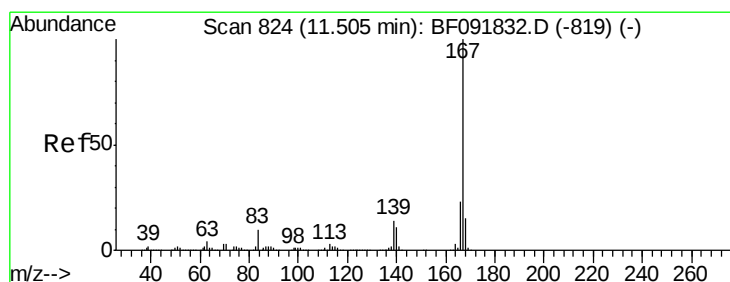
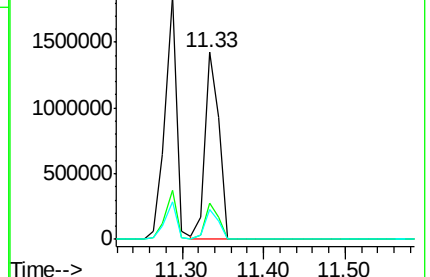
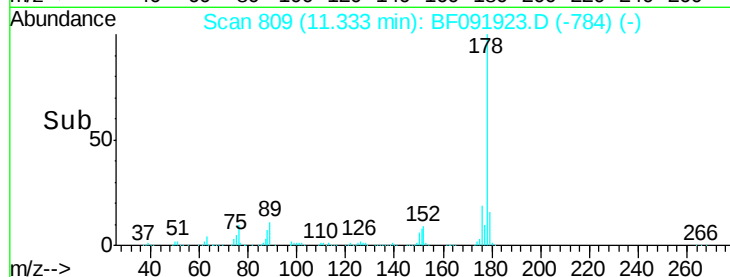
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 68.12 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

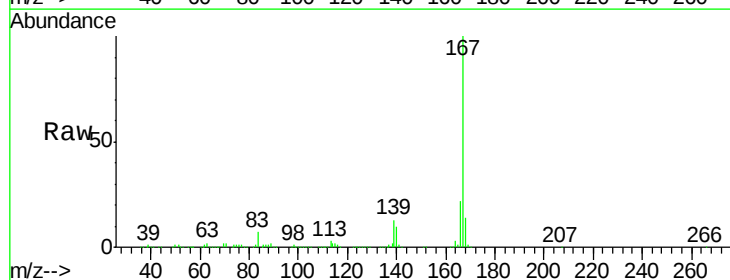
Tgt Ion:167 Resp: 1742325

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

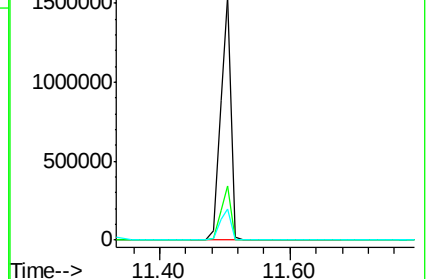
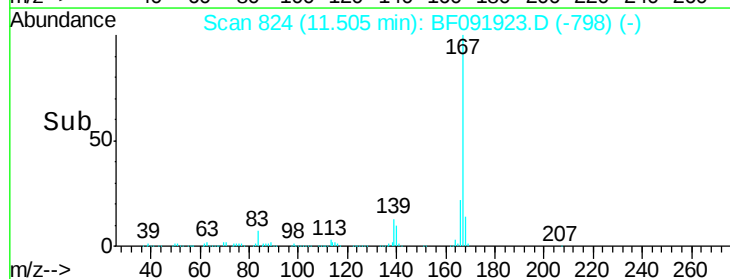
139 12.7 11.4 17.2

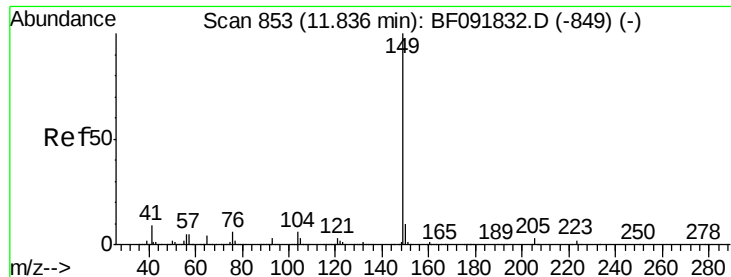


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

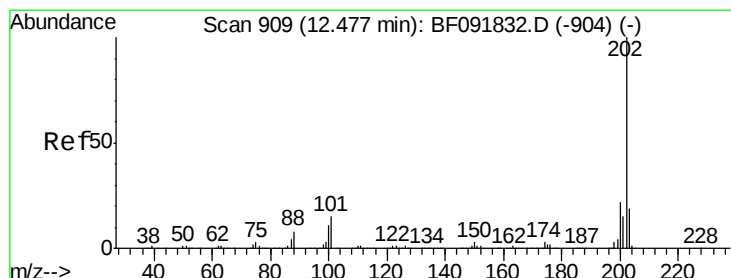
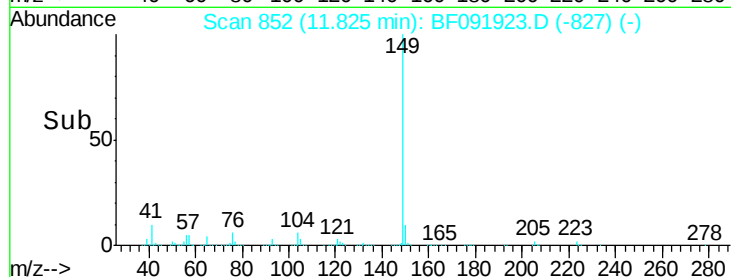
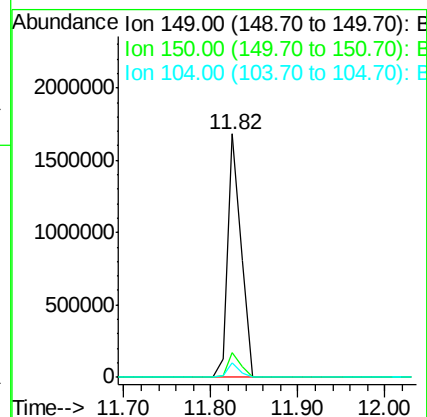
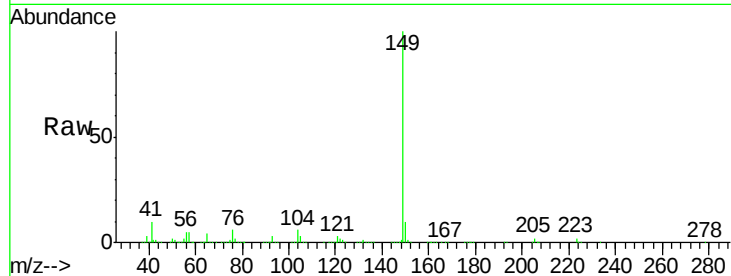




#73
Di-n-butylphthalate
Concen: 47.52 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

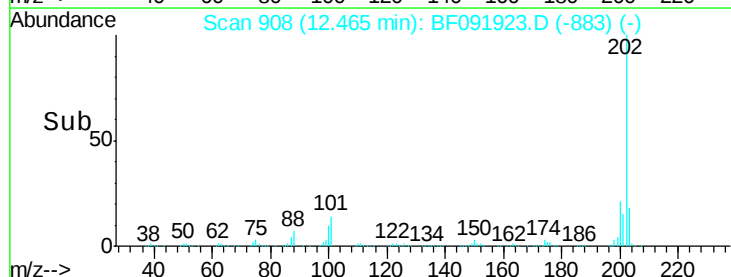
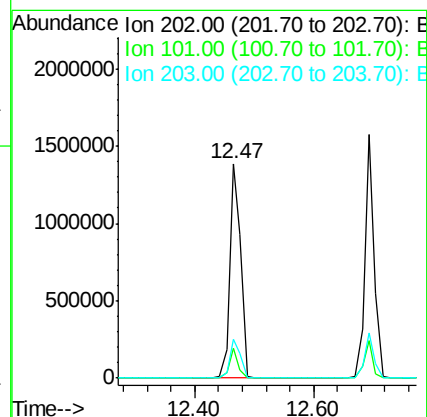
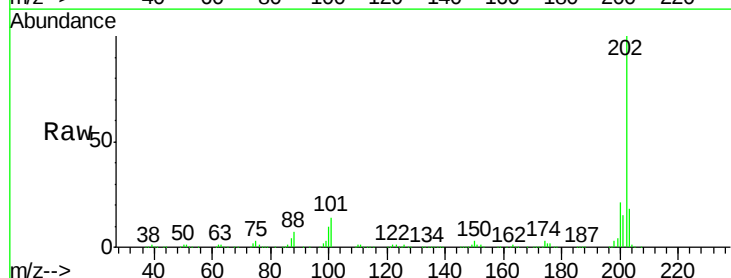
Instrument :
BNA_F
ClientSampleId :
PB95610BS

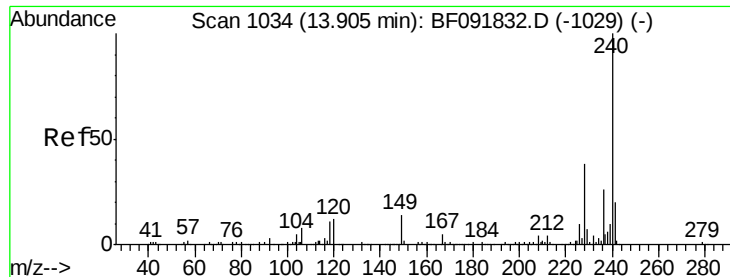
Tgt Ion:149 Resp: 1806584
Ion Ratio Lower Upper
149 100
150 9.9 8.1 12.1
104 5.9 4.6 7.0



#74
Fluoranthene
Concen: 49.51 ng
RT: 12.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:202 Resp: 1737815
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.6
203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

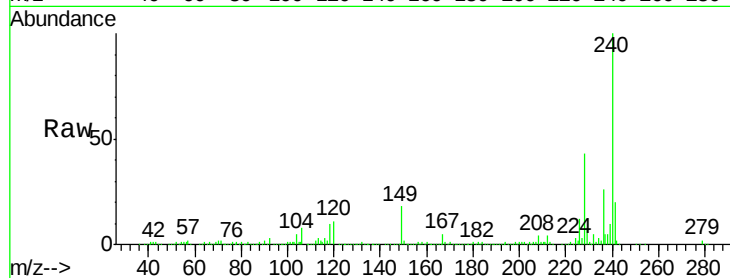
Tgt Ion:240 Resp: 554648

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

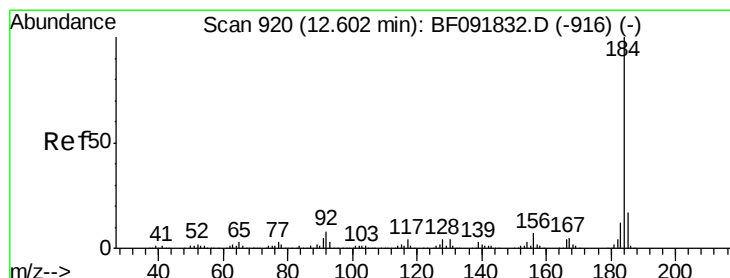
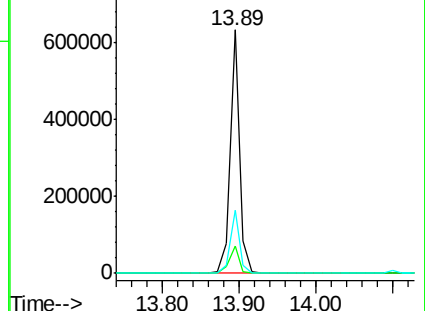
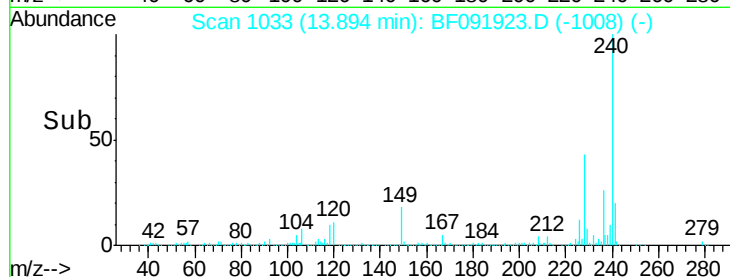
236 26.0 20.9 31.3



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: 28.25 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

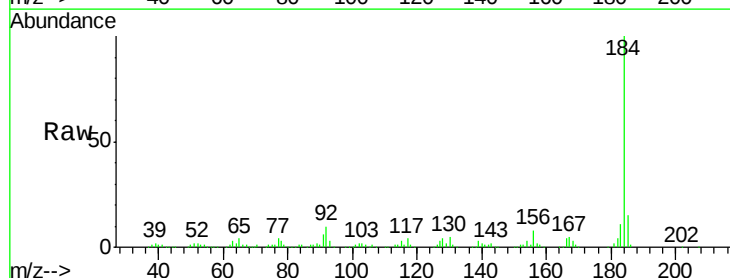
Tgt Ion:184 Resp: 438689

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

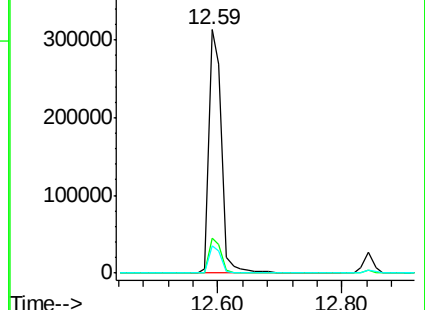
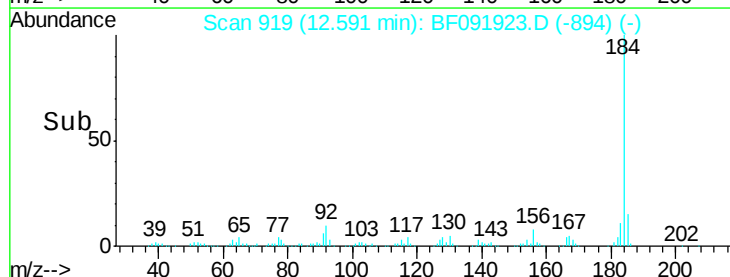
183 11.3 9.2 13.8

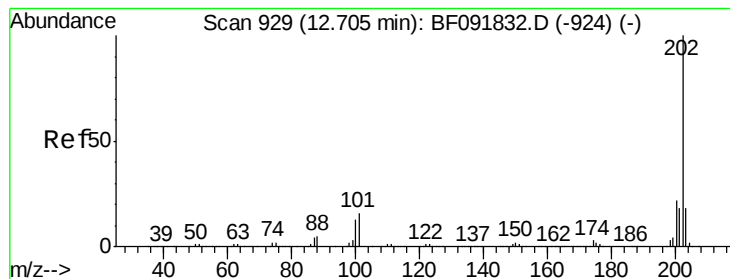


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.70 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

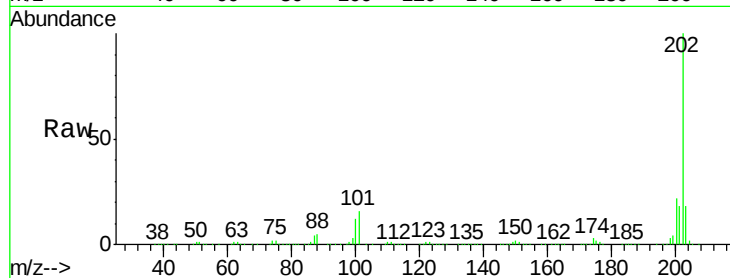
Tgt Ion:202 Resp: 1696842

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

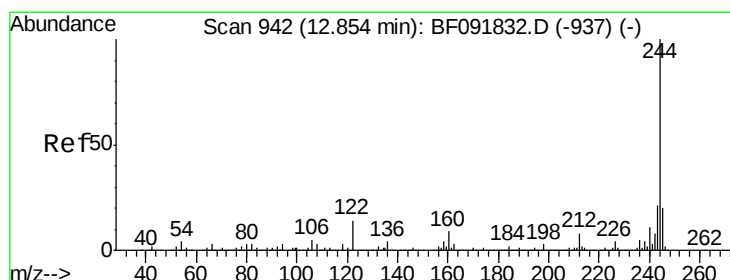
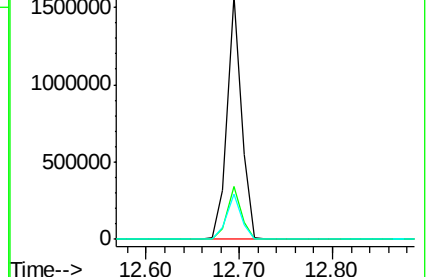
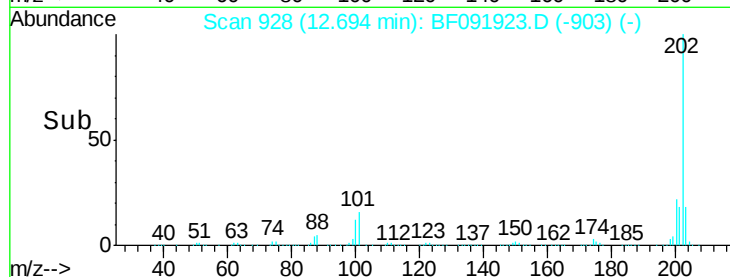
203 18.4 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.04 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

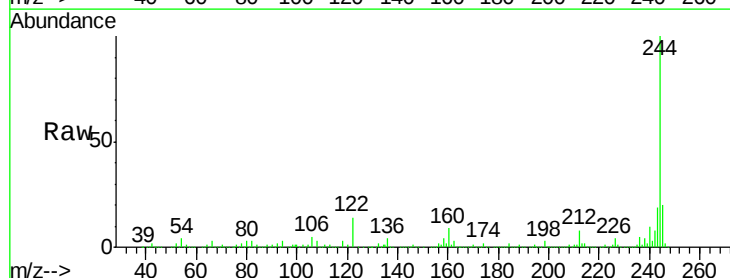
Tgt Ion:244 Resp: 1967713

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

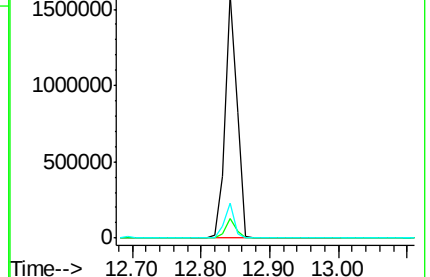
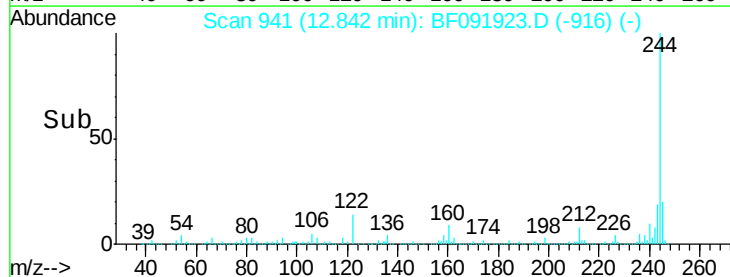
122 14.4 11.4 17.2

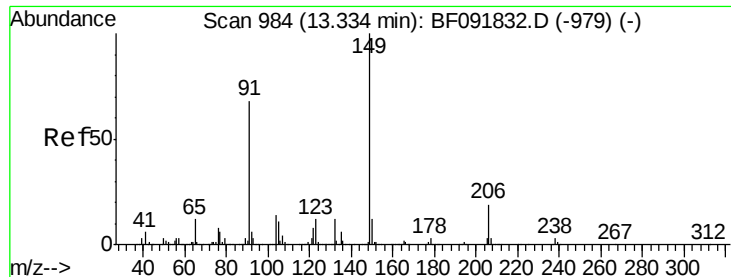


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

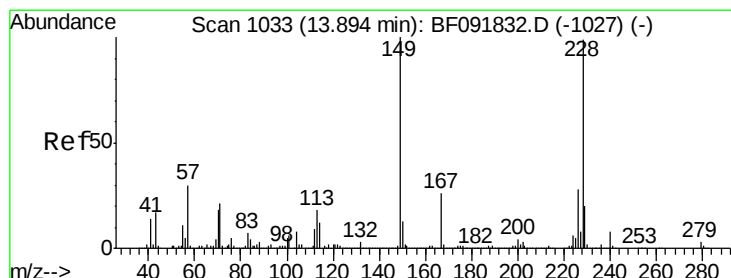
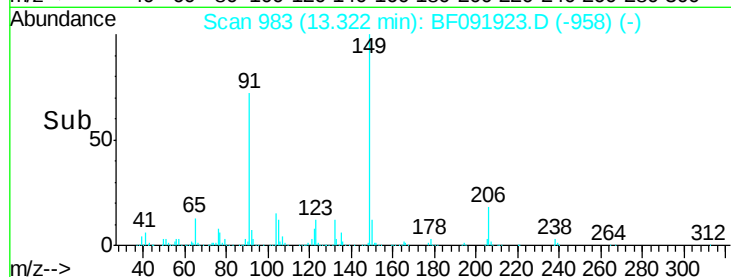
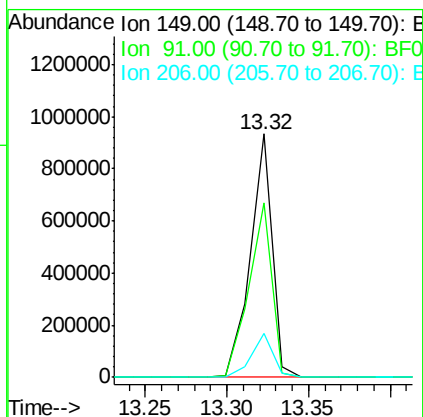
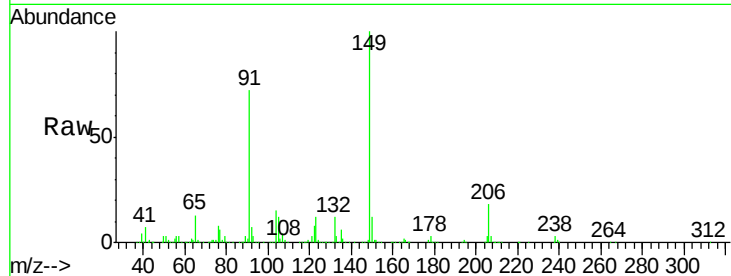




#79
Butylbenzylphthalate
Concen: 46.98 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

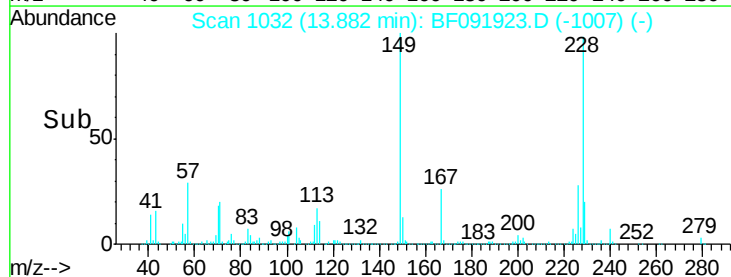
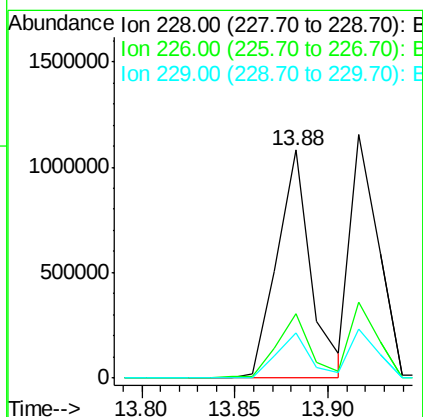
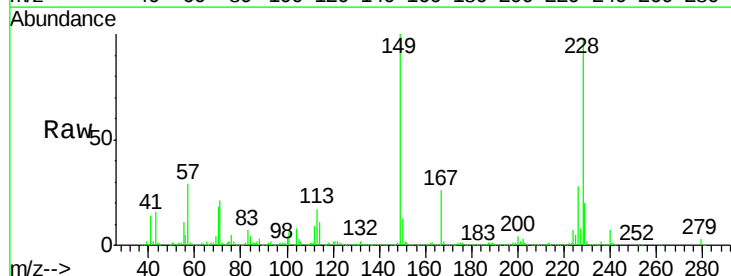
Instrument :
BNA_F
ClientSampleId :
PB95610BS

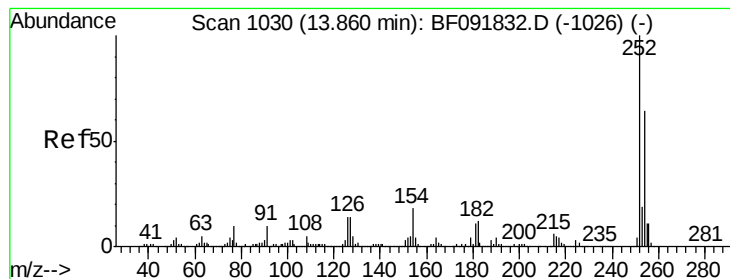
Tgt Ion:149 Resp: 869548
Ion Ratio Lower Upper
149 100
91 71.8 63.9 95.9
206 18.3 14.6 21.8



#80
Benzo(a)anthracene
Concen: 43.86 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:228 Resp: 1373289
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.1 16.2 24.4

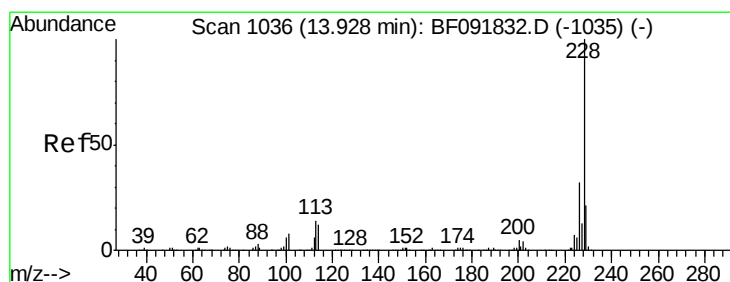
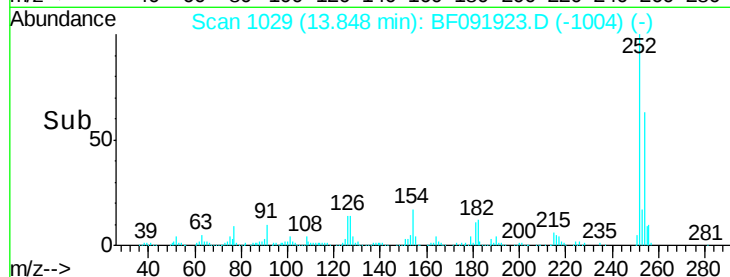
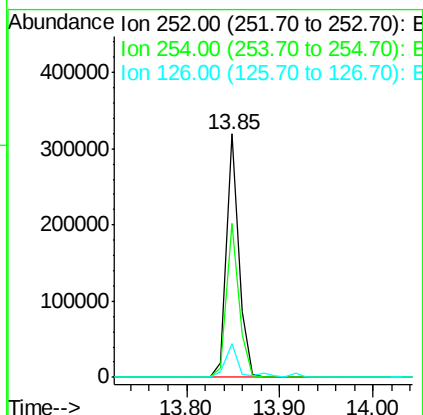
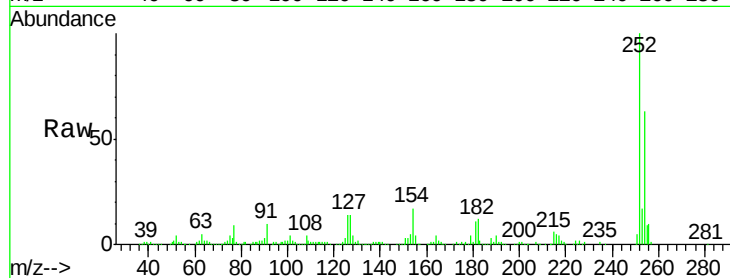




#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

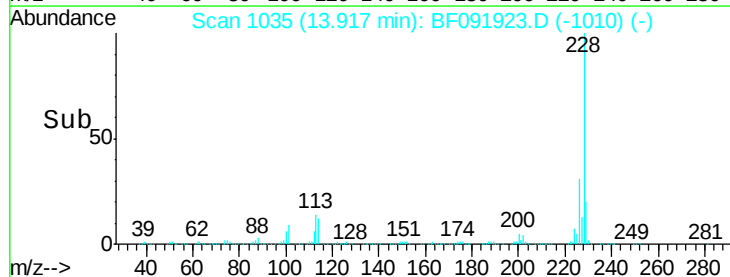
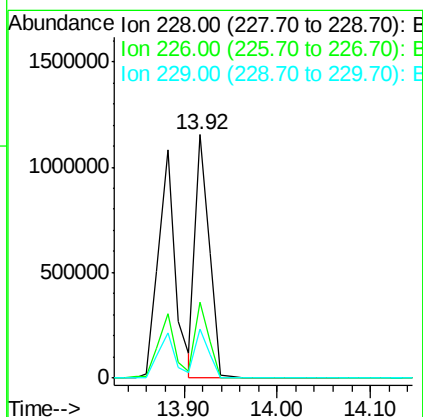
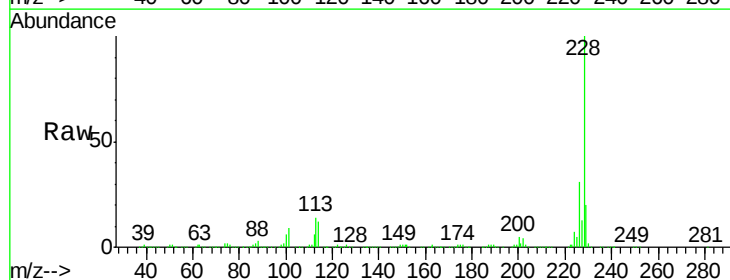
Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

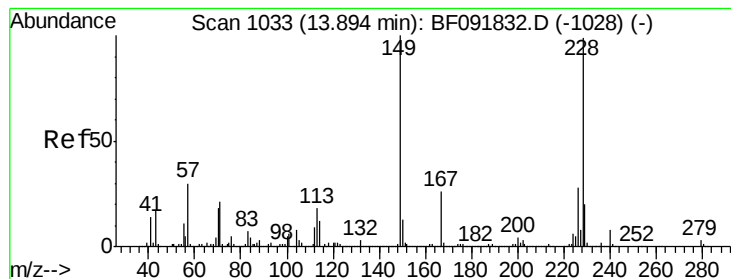
Tgt Ion: 252 Resp: 297041
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.3 78.5
 126 14.1 13.6 20.4



#82
 Chrysene
 Concen: 38.83 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion: 228 Resp: 1219487
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.3 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.93 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

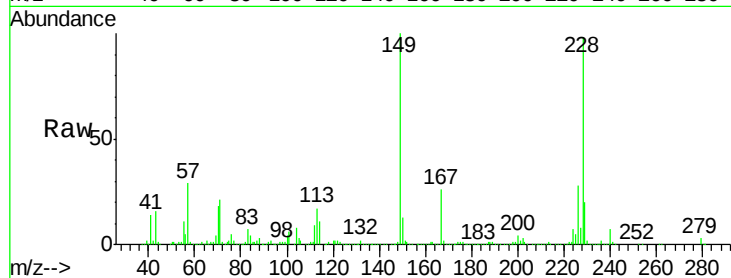
Tgt Ion:149 Resp: 1023000

Ion Ratio Lower Upper

149 100

167 25.6 20.2 30.4

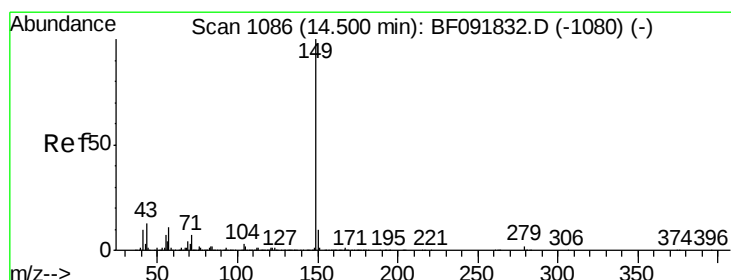
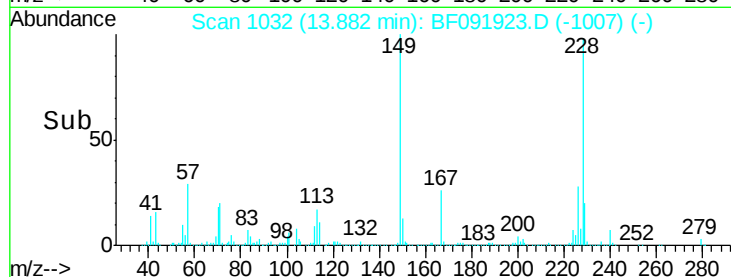
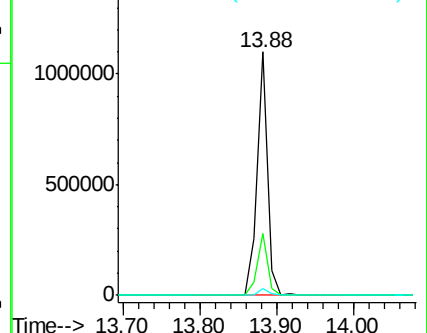
279 2.8 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.33 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

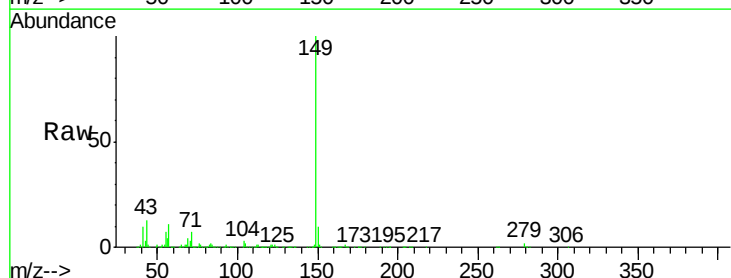
Tgt Ion:149 Resp: 1789792

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

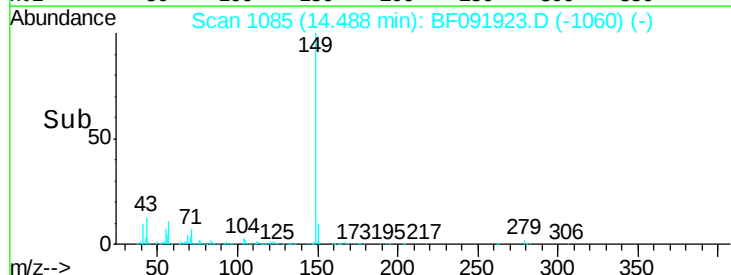
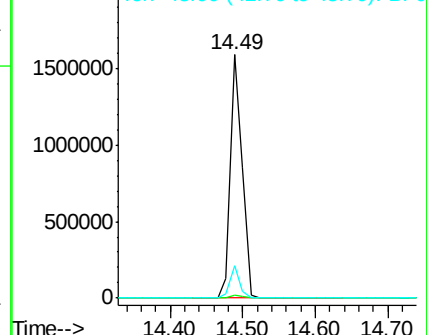
43 10.9 8.9 13.3

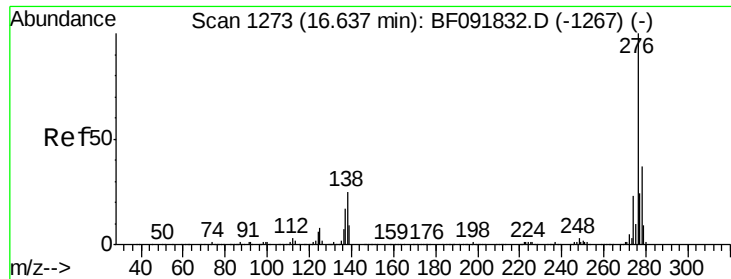


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

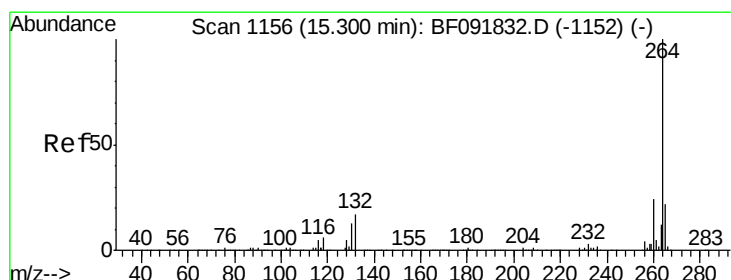
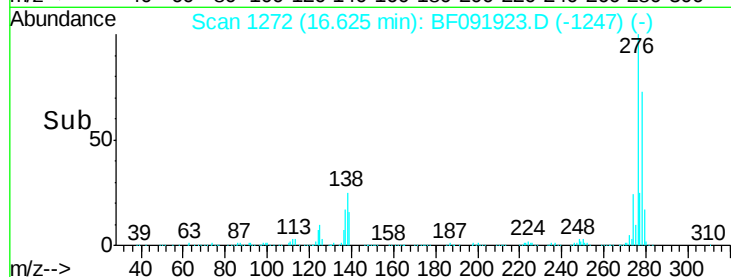
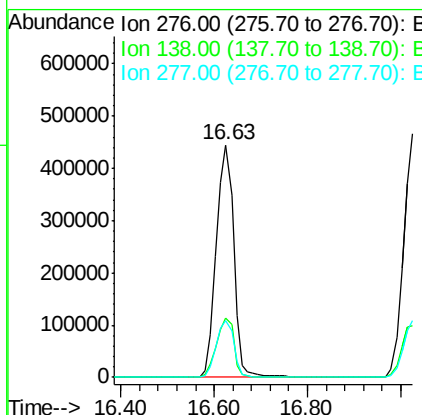
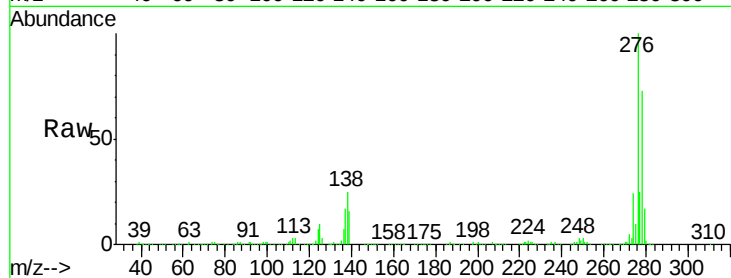




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.49 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

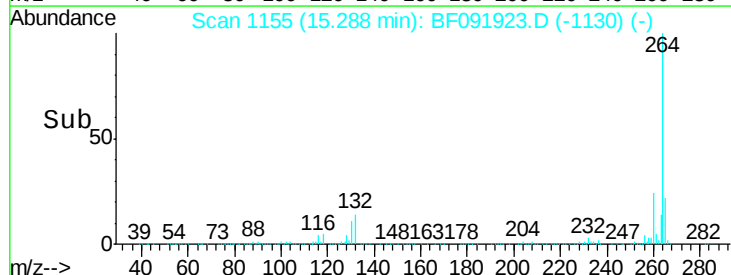
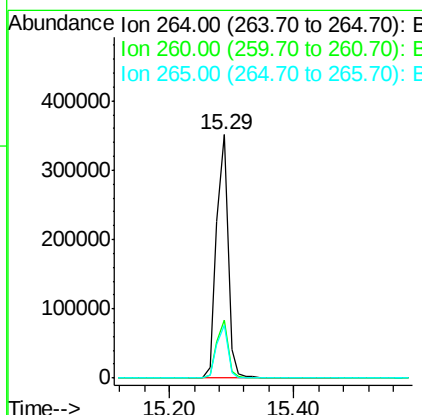
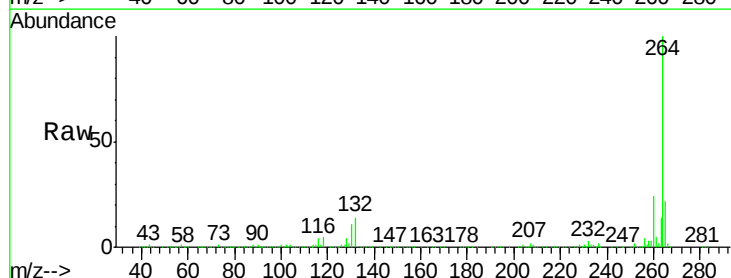
Instrument :
BNA_F
ClientSampleId :
PB95610BS

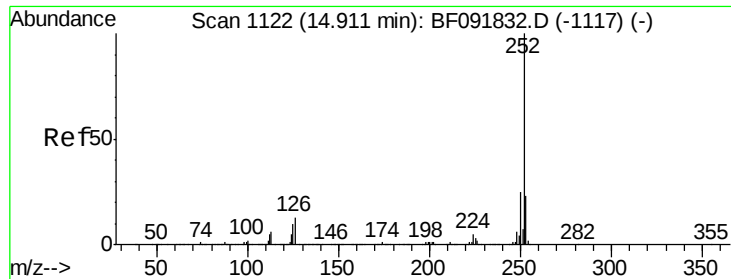
Tgt Ion: 276 Resp: 1155895
Ion Ratio Lower Upper
276 100
138 25.8 21.8 32.6
277 24.8 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion: 264 Resp: 446454
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.5 17.4 26.0

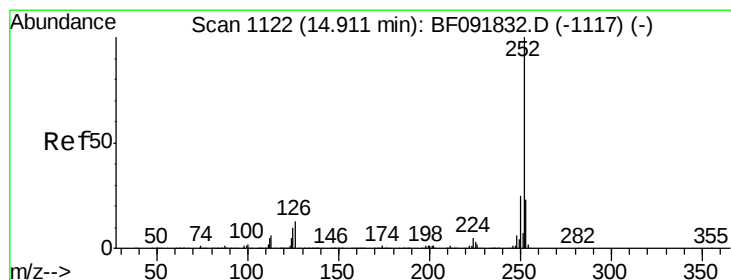
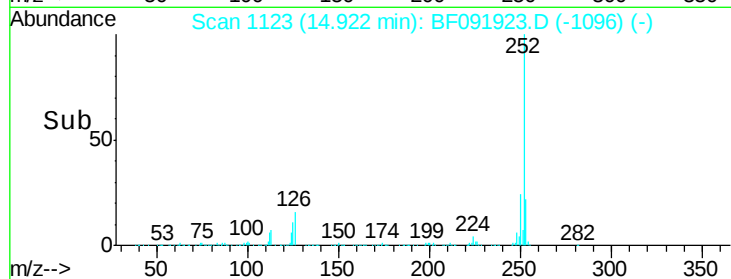
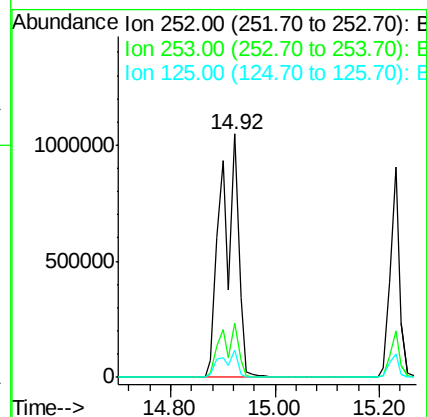
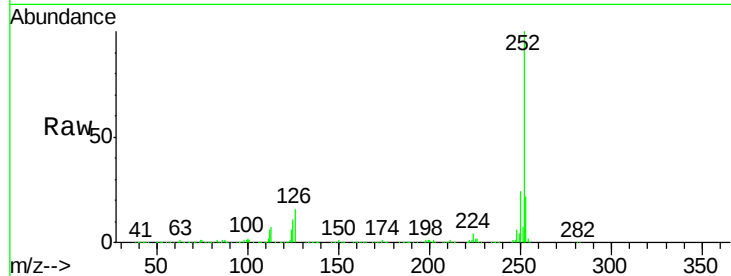




#87
Benzo(b)fluoranthene
Concen: 85.05 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

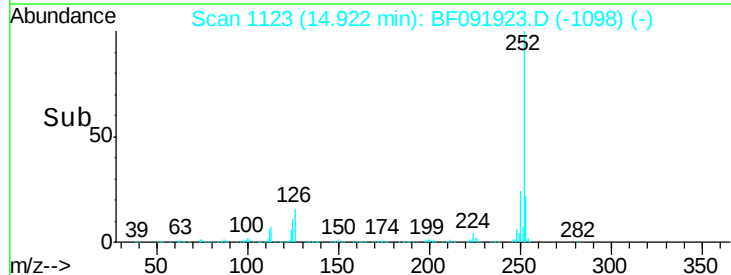
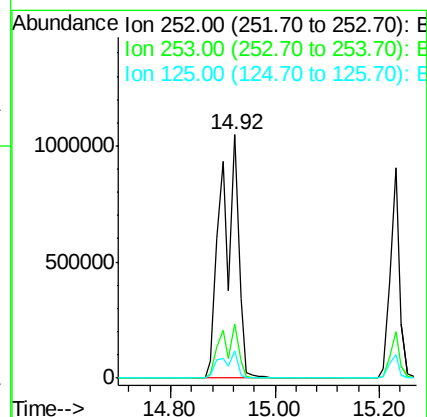
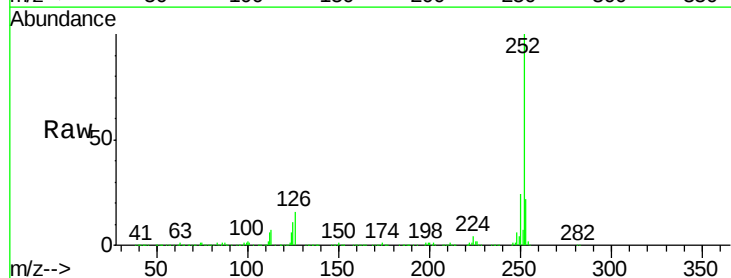
Instrument :
BNA_F
ClientSampleId :
PB95610BS

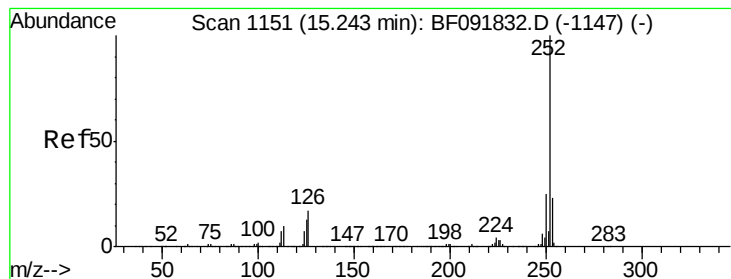
Tgt Ion:252 Resp: 2363906
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.3 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 99.73 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:252 Resp: 2363906
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 11.3 8.9 13.3

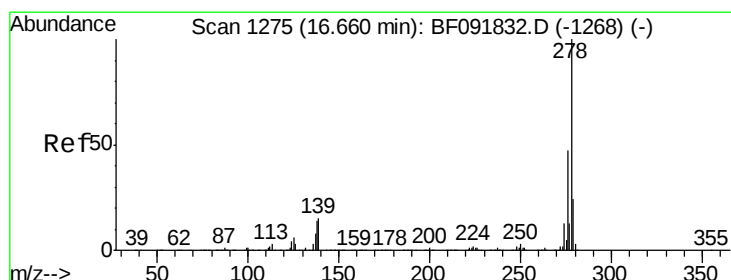
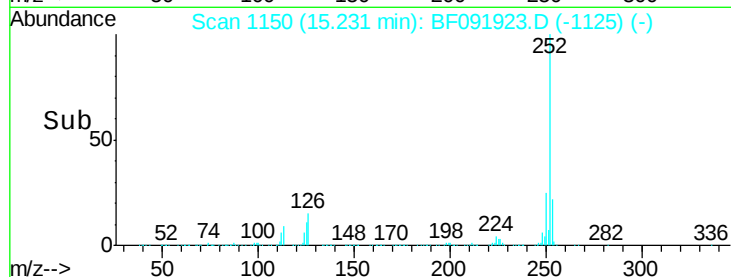
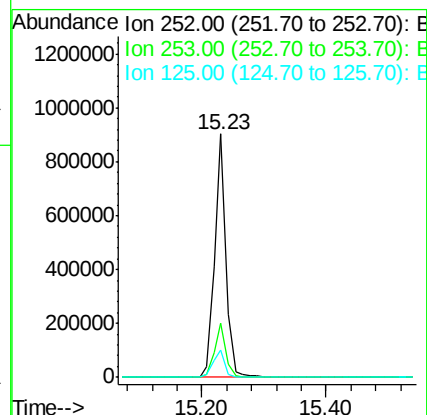
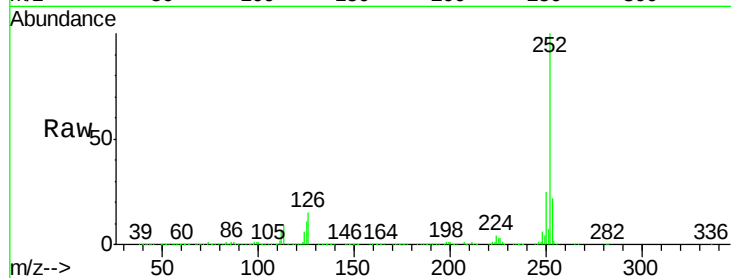




#89
Benzo(a)pyrene
Concen: 45.45 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

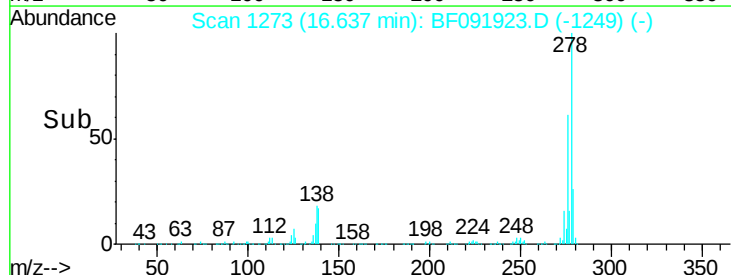
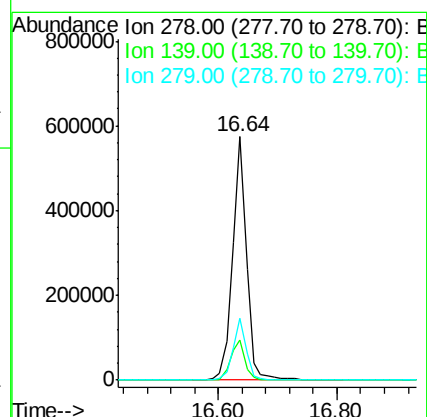
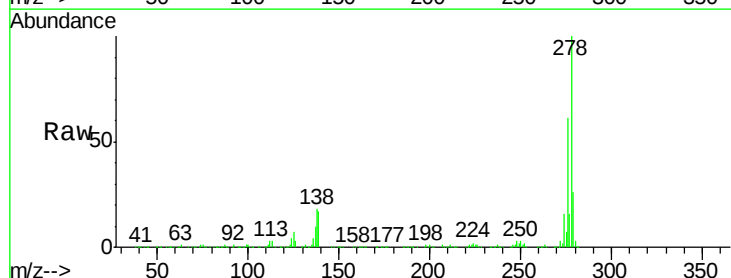
Instrument :
BNA_F
ClientSampleId :
PB95610BS

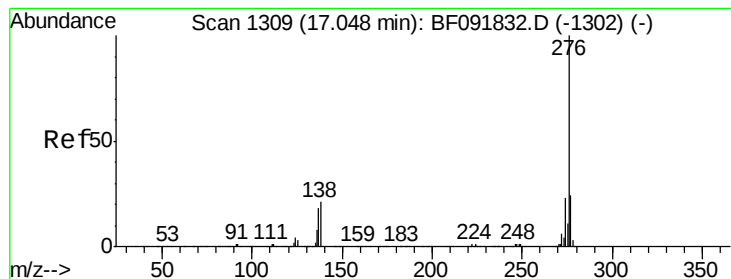
Tgt Ion:252 Resp: 1121356
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.3 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 46.09 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Tgt Ion:278 Resp: 934680
Ion Ratio Lower Upper
278 100
139 16.7 14.8 22.2
279 25.6 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 47.17 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091923.D

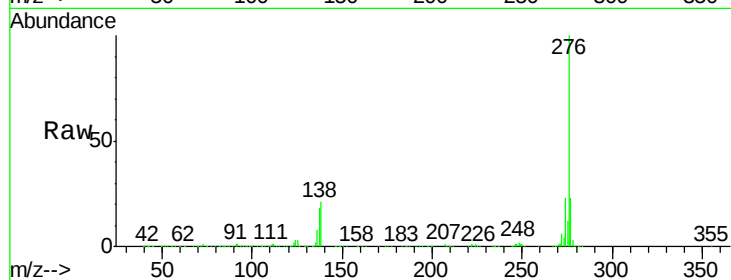
Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS



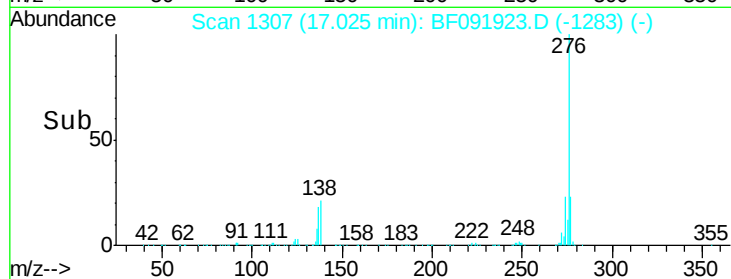
Tgt Ion: 276 Resp: 994523

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 21.3 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

