

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 22:20:57 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	172457m	47.53	ng	
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

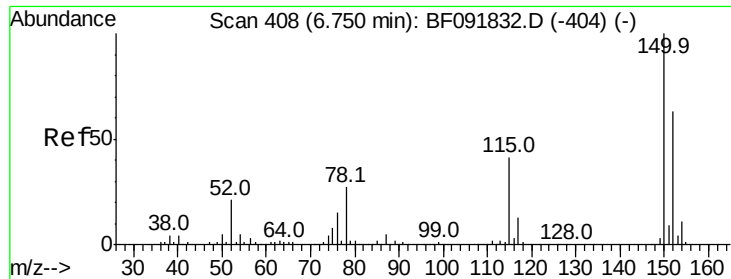
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091923.D
 Acq On : 23 Dec 2016 15:00
 Operator : UM/SJ
 Sample : PB95610BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	356429	46.22	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	349773	44.07	nq	96
45) 1,1'-Biphenyl	9.21	154	1483861	49.66	nq	99
46) 2-Chloronaphthalene	9.23	162	1106577	46.76	nq	95
47) 2-Nitroaniline	9.33	65	351437	41.71	nq	98
48) Acenaphthylene	9.64	152	1591899	43.74	nq	99
49) Dimethylphthalate	9.52	163	1281456	45.91	nq	99
50) 2,6-Dinitrotoluene	9.57	165	269894	44.17	nq	# 63
51) Acenaphthene	9.81	154	1027994	41.66	nq	98
52) 3-Nitroaniline	9.74	138	154433	20.43	nq	97
53) 2,4-Dinitrophenol	9.86	184	326060	95.91	nq	# 71
54) Dibenzofuran	9.98	168	1348838	40.48	nq	96
55) 4-Nitrophenol	9.96	139	575808m	112.16	nq	
56) 2,4-Dinitrotoluene	9.98	165	391948	51.11	nq	93
57) Fluorene	10.33	166	1095292	45.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	298701	47.59	nq	99
59) Diethylphthalate	10.21	149	1257305	46.38	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	522415	49.21	nq	# 76
61) 4-Nitroaniline	10.37	138	326773	41.71	nq	93
62) Azobenzene	10.48	77	1439568	48.23	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	225767	50.21	nq	88
65) n-Nitrosodiphenylamine	10.44	169	1058537	47.98	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	333269	43.09	nq	96
67) Hexachlorobenzene	10.88	284	383708	46.41	nq	98
68) Atrazine	10.98	200	323049	45.39	nq	97
69) Pentachlorophenol	11.08	266	364540	89.86	nq	100
70) Phenanthrene	11.29	178	1819693	45.13	nq	99
71) Anthracene	11.33	178	1741682	51.07	nq	99
72) Carbazole	11.50	167	1742325	68.12	nq	98
73) Di-n-butylphthalate	11.82	149	1806584	47.52	nq	100
74) Fluoranthene	12.47	202	1737815	49.51	nq	98
76) Benzidine	12.59	184	438689	28.25	nq	97
77) Pyrene	12.69	202	1696842	41.70	nq	100
79) Butylbenzylphthalate	13.32	149	869548	46.98	nq	92
80) Benzo(a)anthracene	13.88	228	1373289	43.86	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	297041	25.02	nq	96
82) Chrysene	13.92	228	1219487	38.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1023000	46.93	nq	# 99
84) Di-n-octyl phthalate	14.49	149	1789792	44.33	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1155895	42.49	nq	98
87) Benzo(b)fluoranthene	14.90	252	1361107m	48.97	nq	
88) Benzo(k)fluoranthene	14.92	252	984071m	41.52	nq	
89) Benzo(a)pyrene	15.23	252	1121356	45.45	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	934680	46.09	nq	97
91) Benzo(g,h,i)perylene	17.03	276	994523	47.17	nq	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

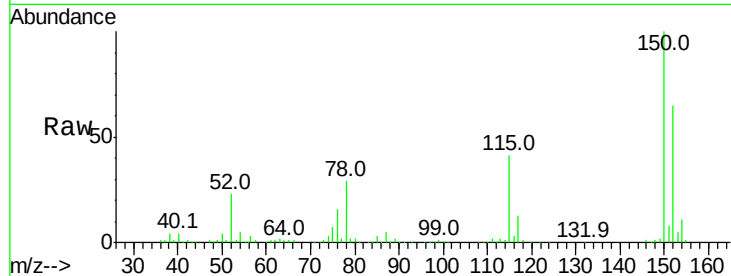
Tot Ion:152 Resp: 198934

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

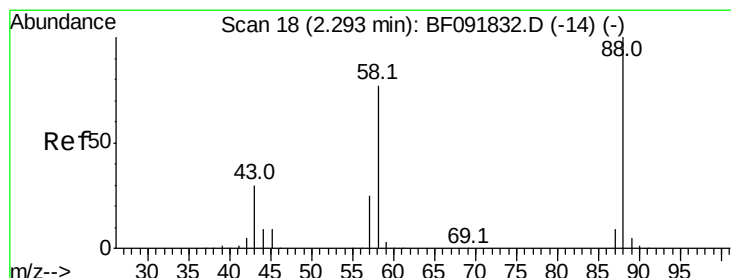
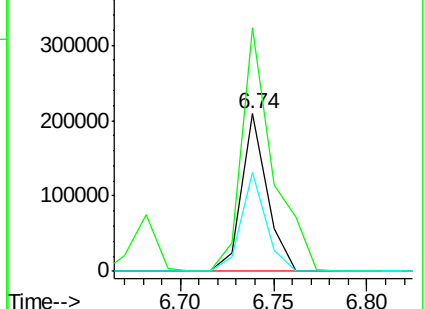
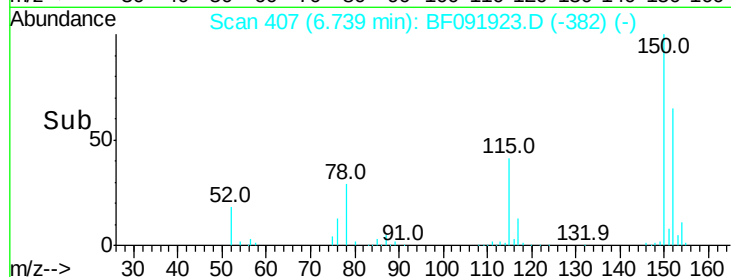
115 62.8 46.0 69.0



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

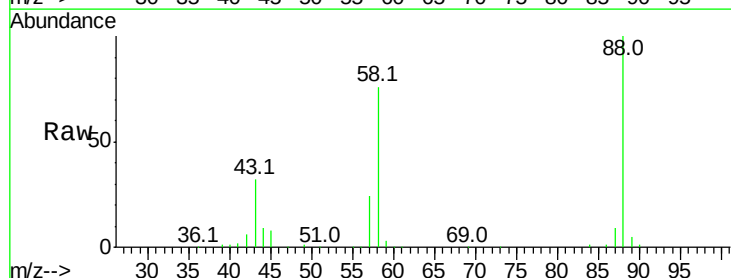
Tgt Ion: 88 Resp: 230899

Ion Ratio Lower Upper

88 100

58 75.0 57.8 86.8

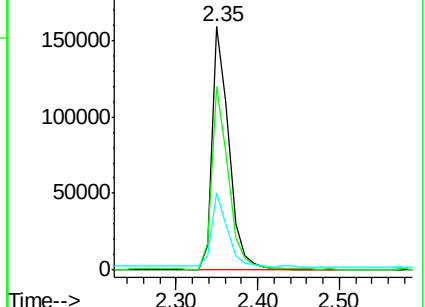
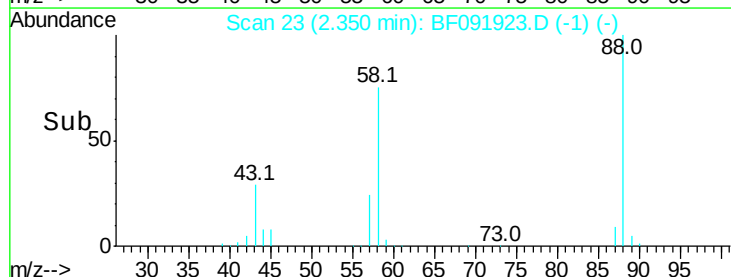
43 31.9 22.3 33.5

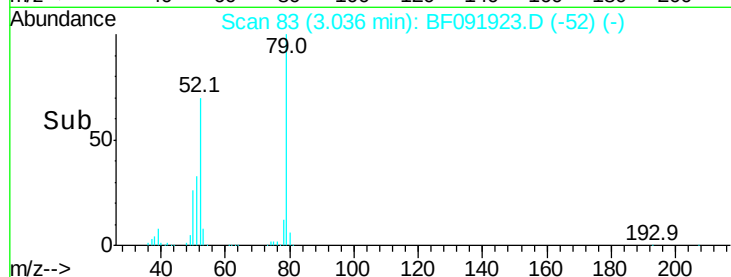
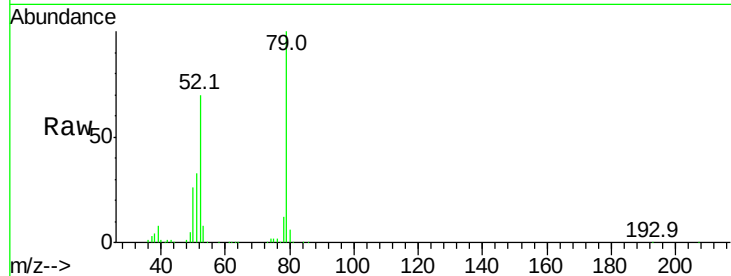
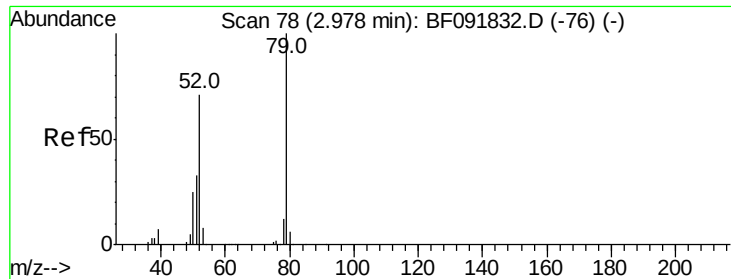


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

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

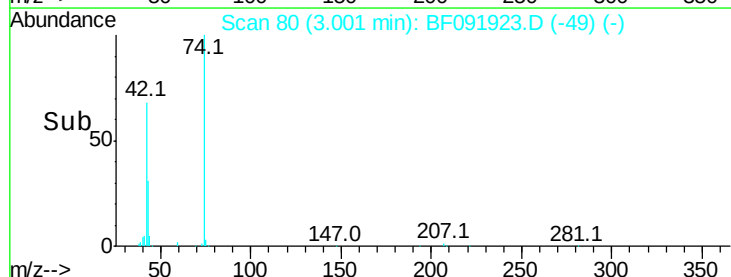
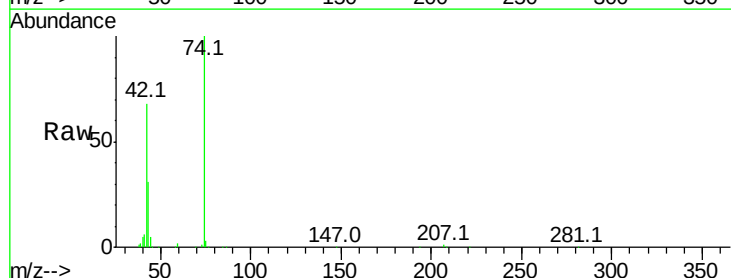
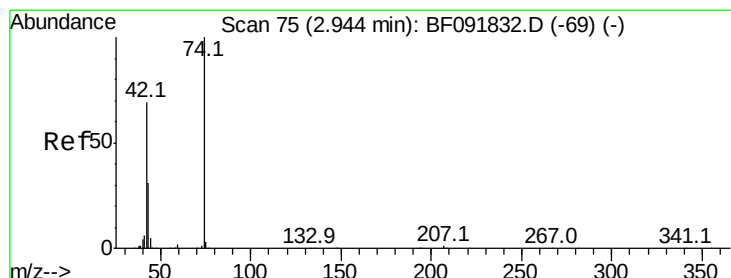
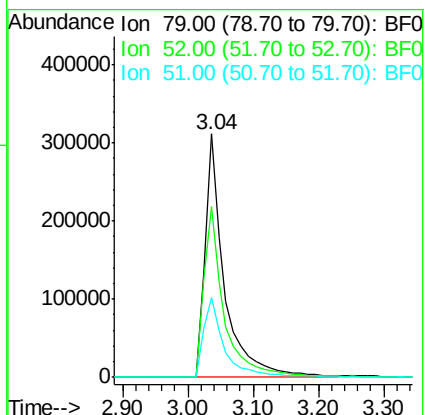
Tot Ion: 79 Resp: 642980

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

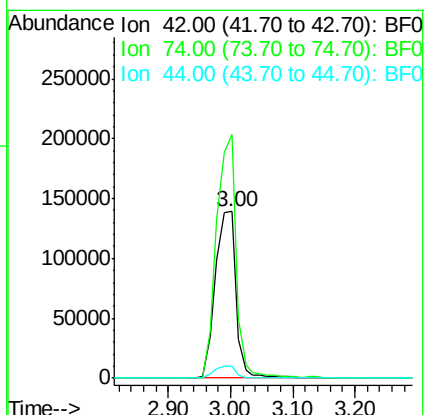
Tgt Ion: 42 Resp: 319368

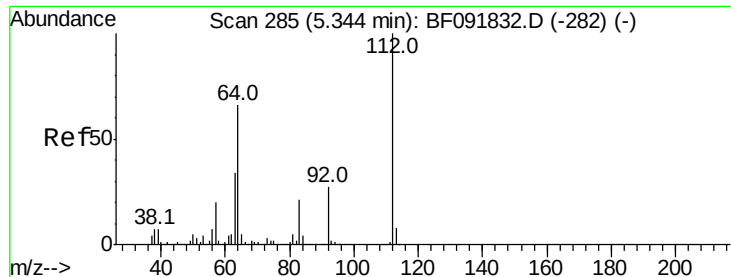
Ion Ratio Lower Upper

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

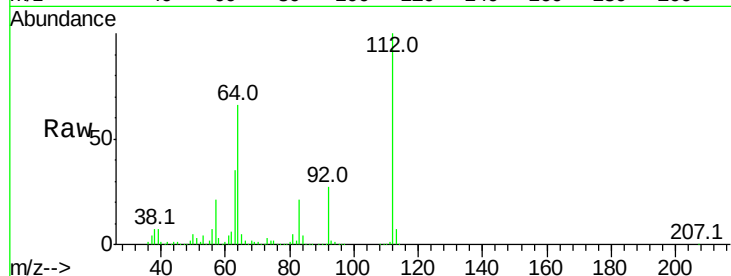
Tot Ion:112 Resp: 1507008

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

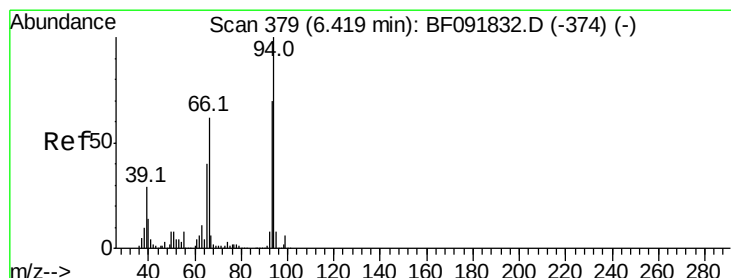
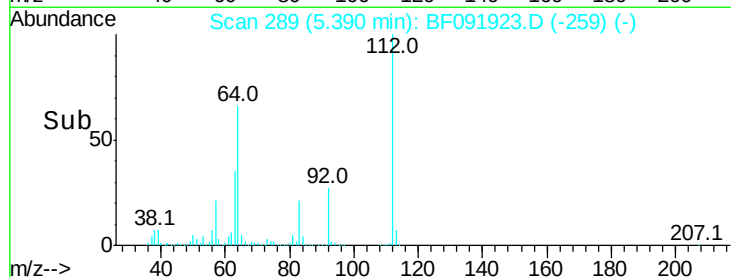
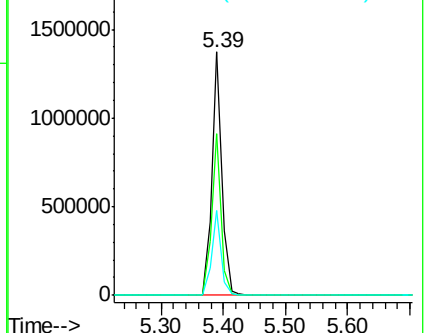
63 34.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#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

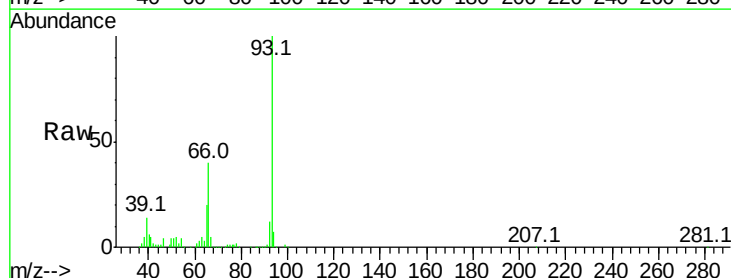
Tgt Ion: 93 Resp: 441637

Ion Ratio Lower Upper

93 100

66 40.0 76.2 114.2#

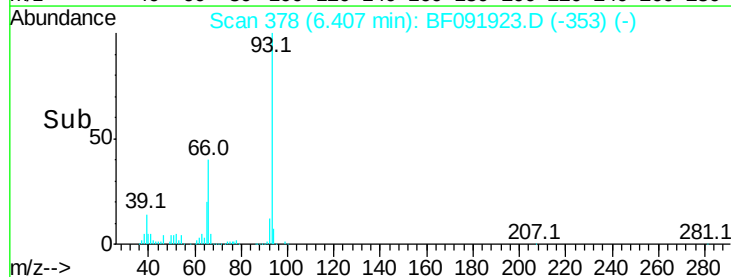
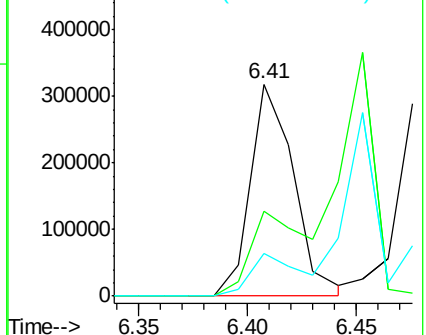
65 20.0 49.3 73.9#

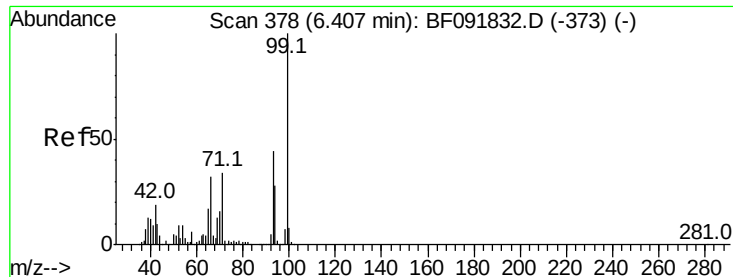


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 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 :

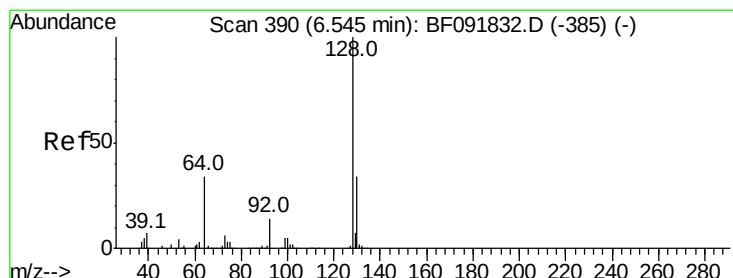
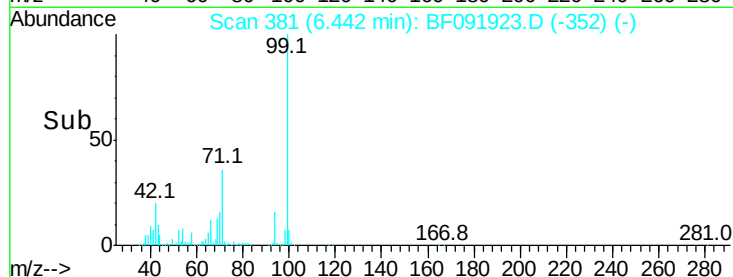
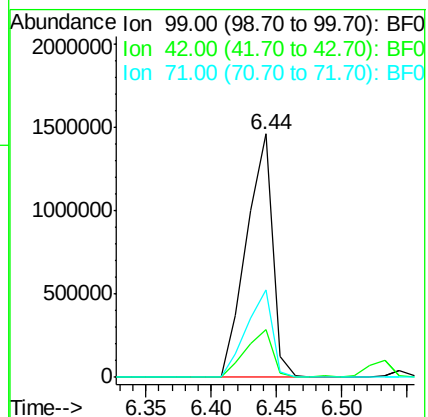
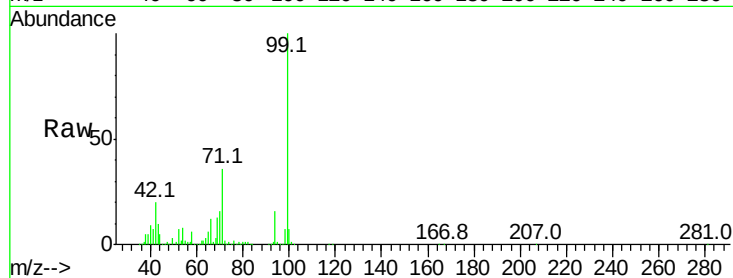
BNA_F

ClientSampleId :

PB95610BS

Tot Ion: 99 Resp: 2035954

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	36.1	27.5	41.3



#8

2-Chlorophenol

Concen: 44.10 ng

RT: 6.54 min Scan# 390

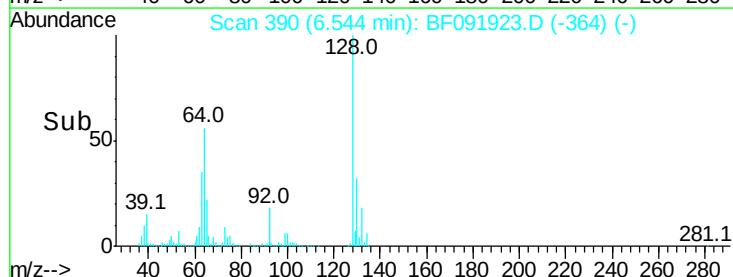
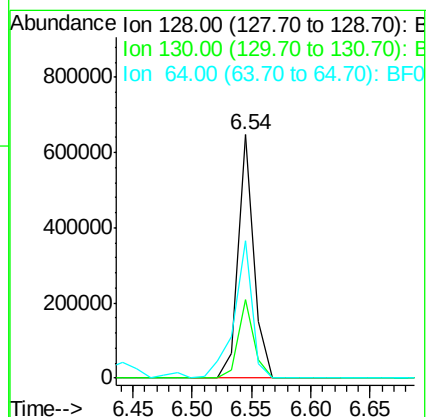
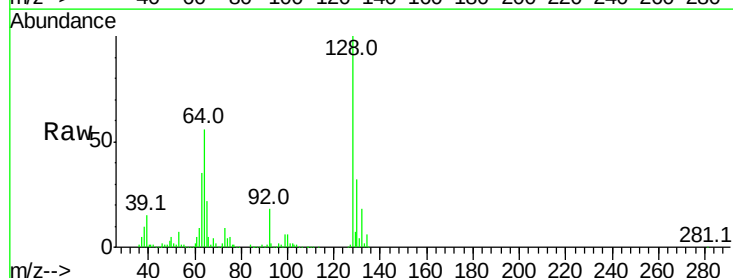
Delta R.T. -0.00 min

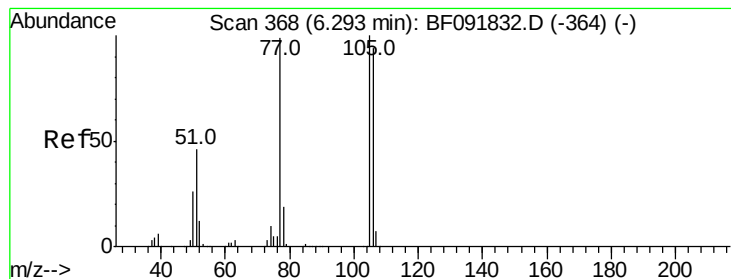
Lab File: BF091923.D

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





#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

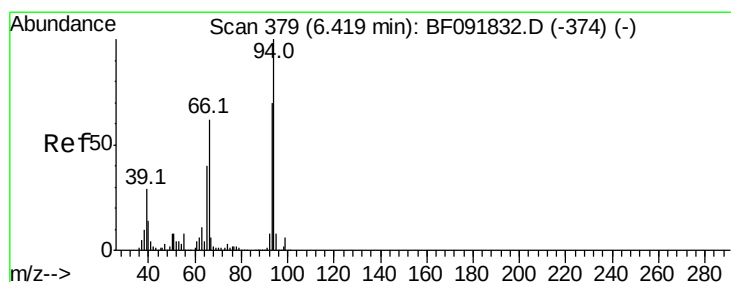
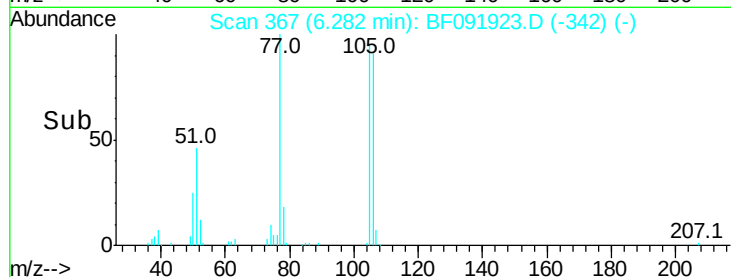
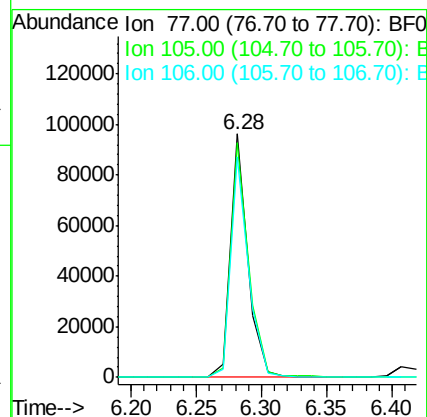
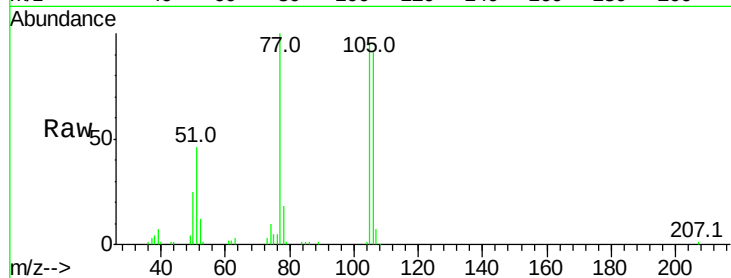
Tot Ion: 77 Resp: 88899

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

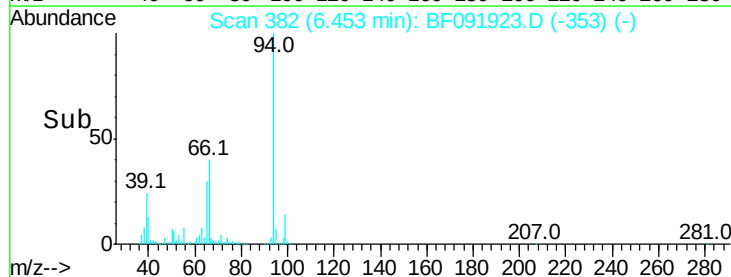
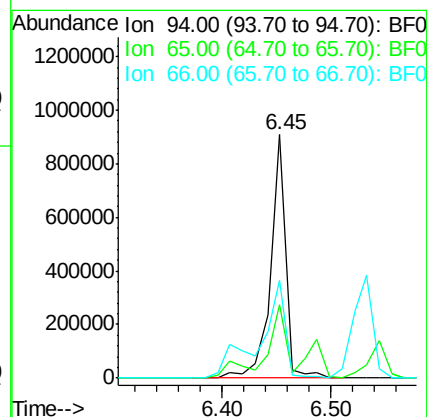
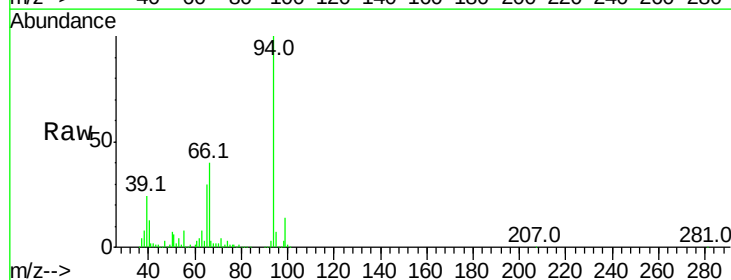
Tgt Ion: 94 Resp: 894997

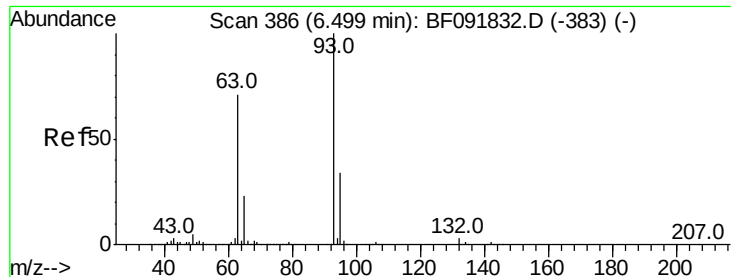
Ion Ratio Lower Upper

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

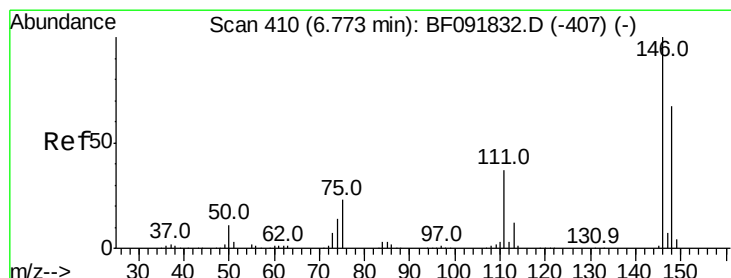
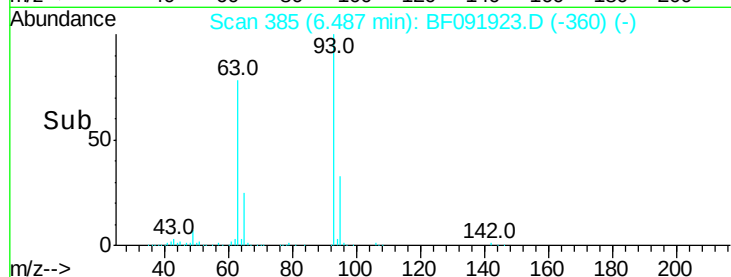
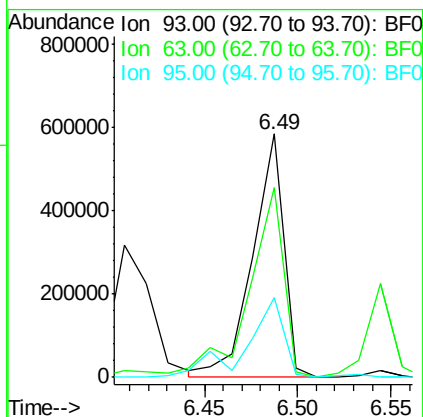
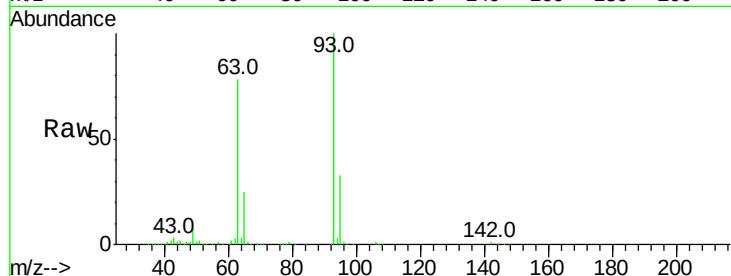
Tot Ion: 93 Resp: 664965

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

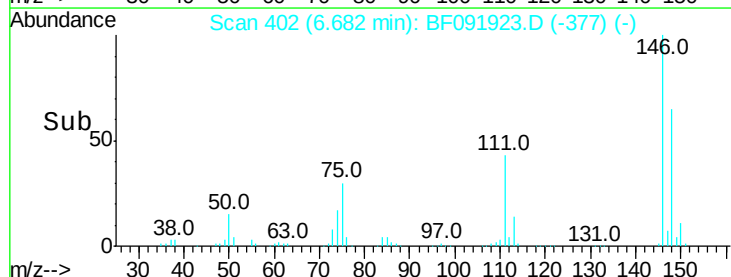
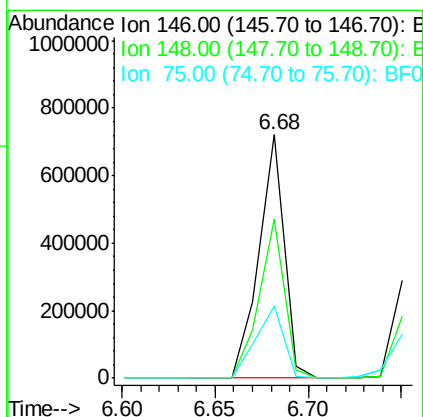
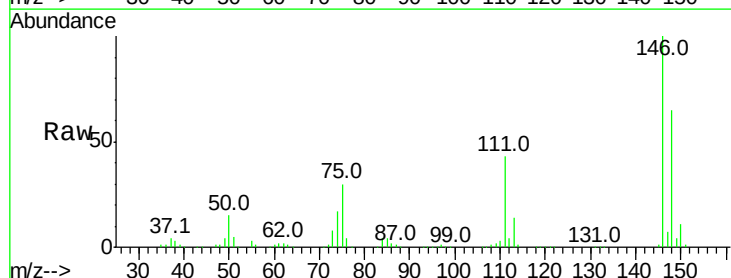
Tgt Ion: 146 Resp: 675021

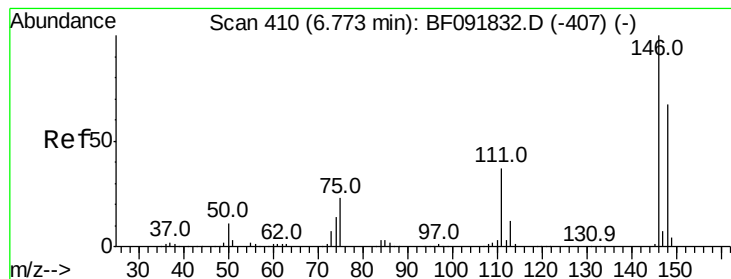
Ion Ratio Lower Upper

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

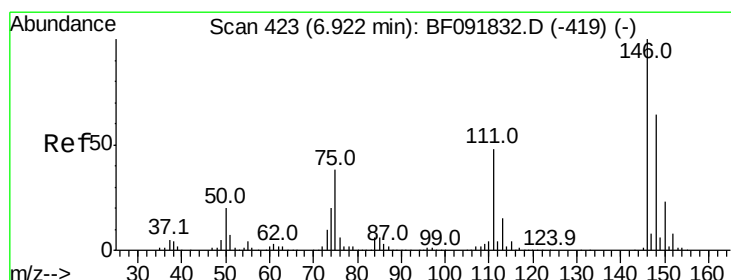
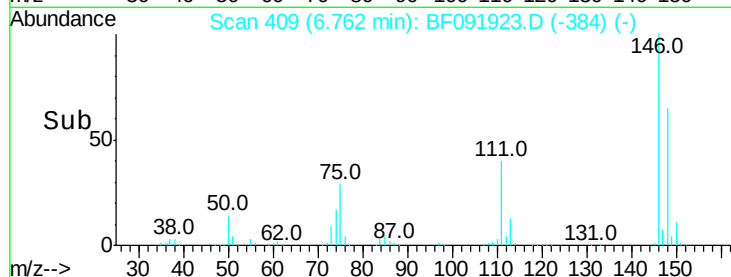
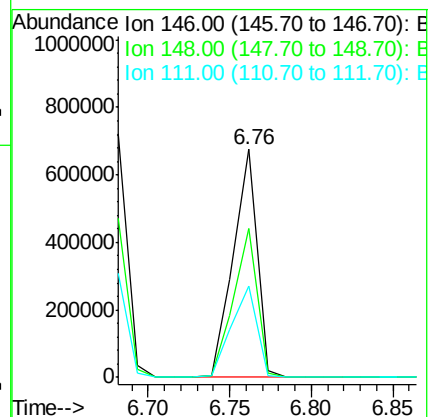
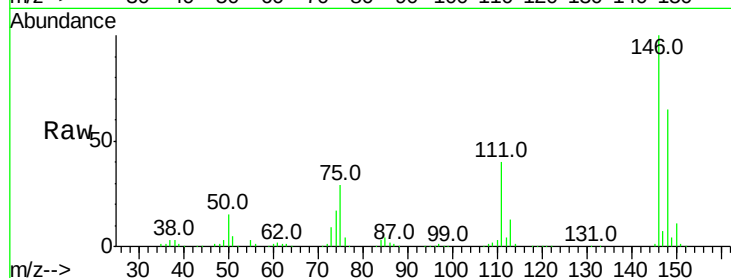
Tot Ion:146 Resp: 680392

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

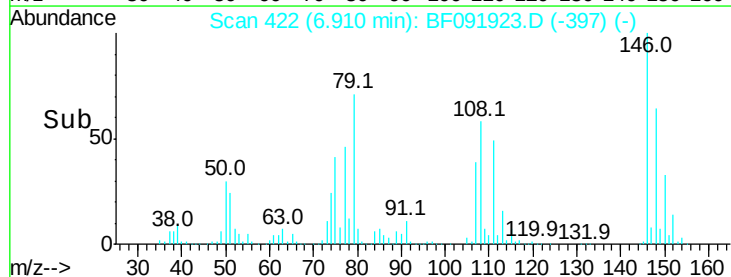
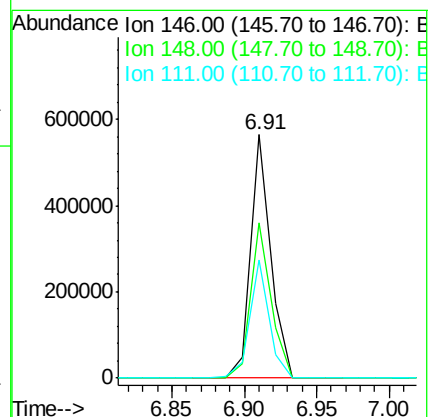
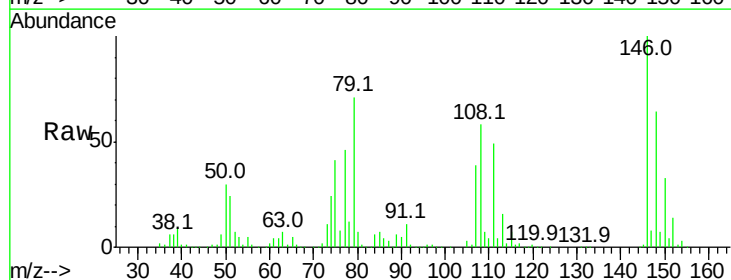
Tgt Ion:146 Resp: 541764

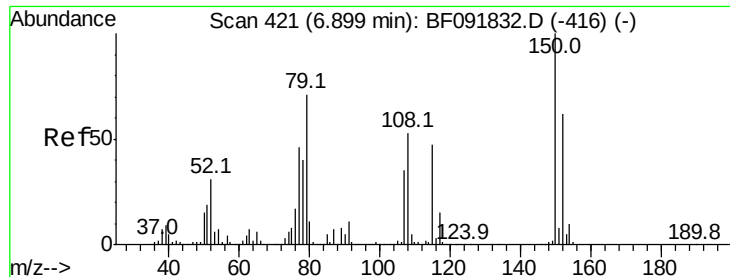
Ion Ratio Lower Upper

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

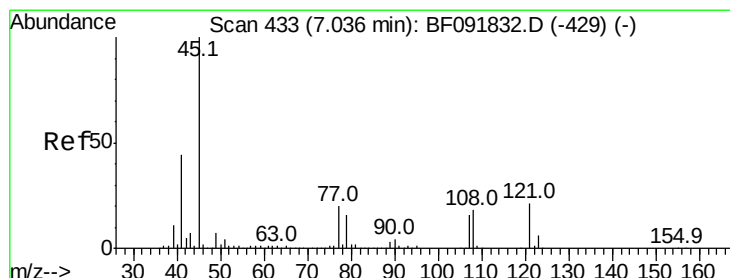
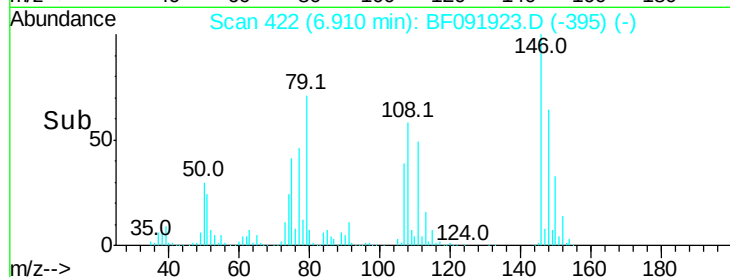
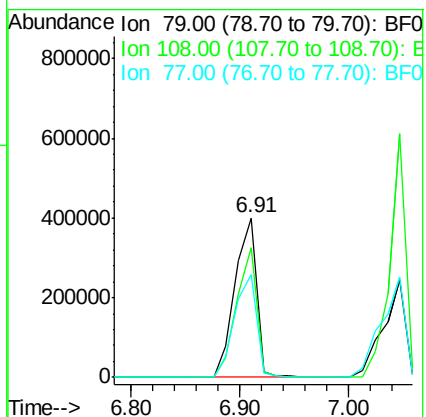
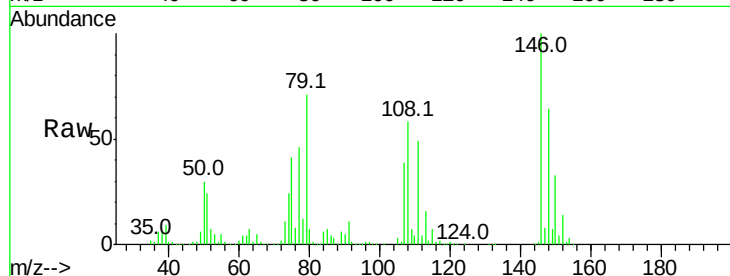
Tot Ion: 79 Resp: 549754

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

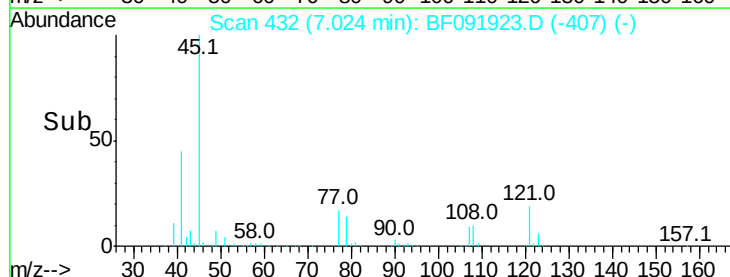
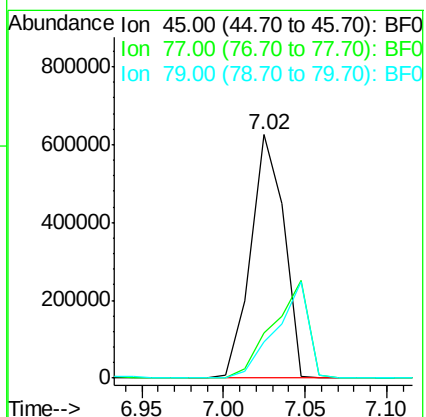
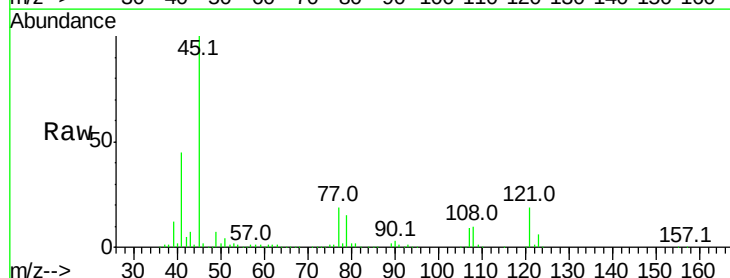
Tgt Ion: 45 Resp: 884334

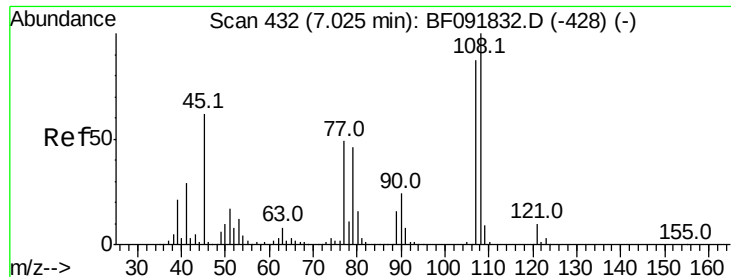
Ion Ratio Lower Upper

45 100

77 18.6 0.0 34.6

79 15.0 0.0 31.2

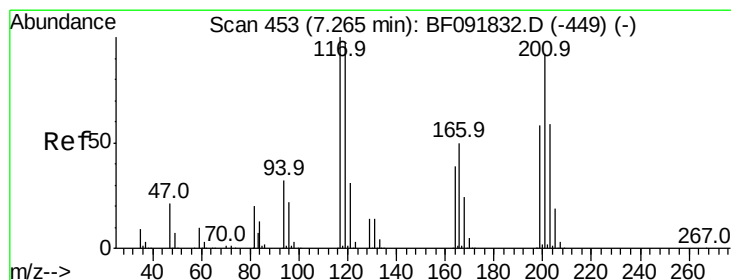
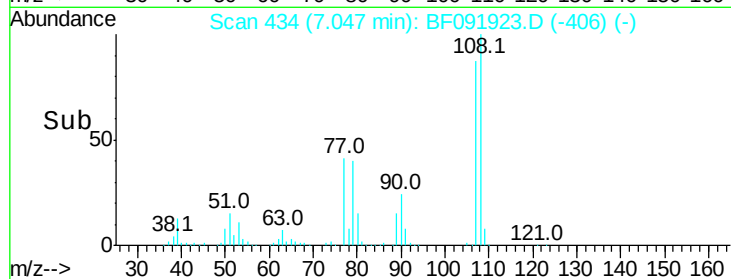
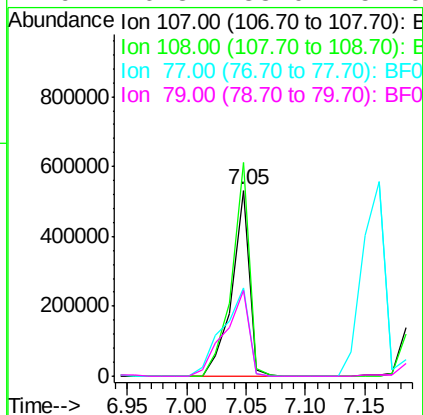
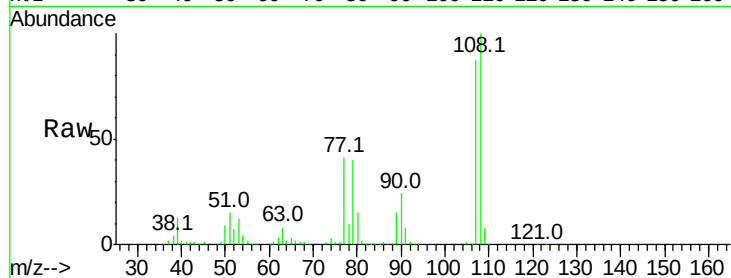




#17
2-Methylphenol
Concen: 49.77 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

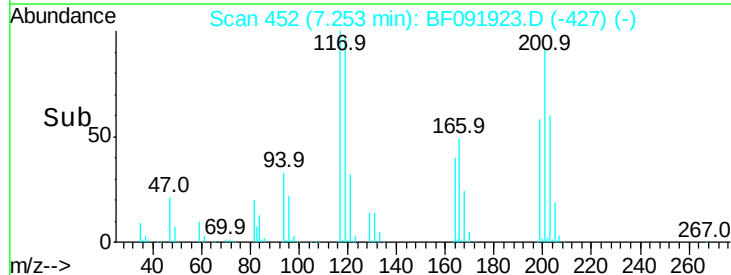
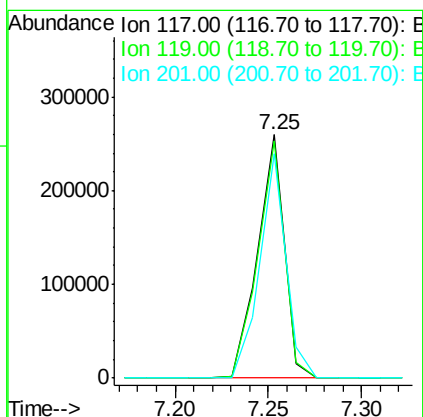
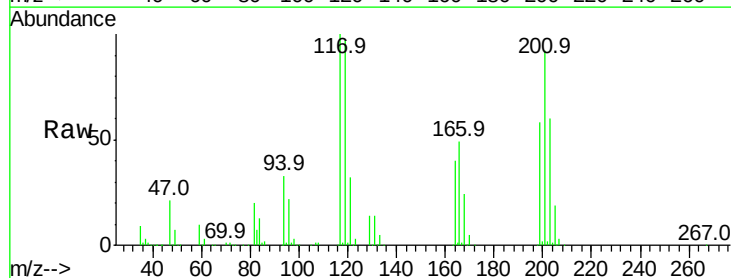
Instrument :
BNA_F
ClientSampleId :
PB95610BS

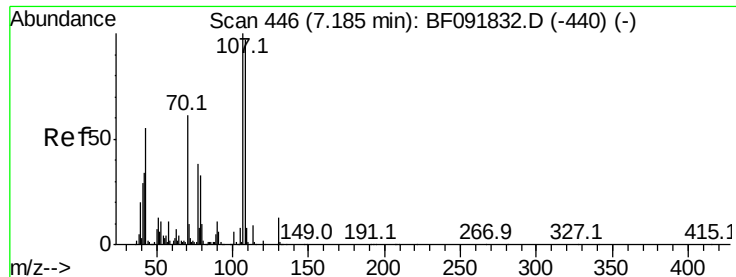
Tot Ion:	107	Resp:	542431
Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.0	139.6
77	47.2	39.8	59.8
79	46.3	38.0	57.0



#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

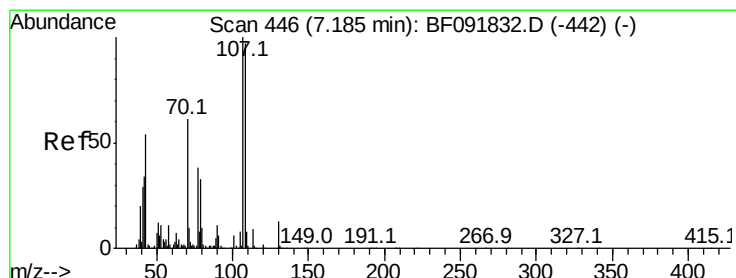
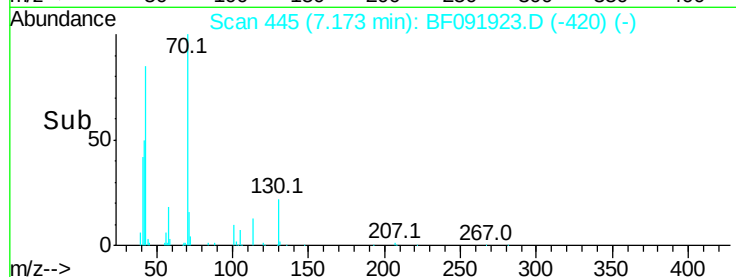
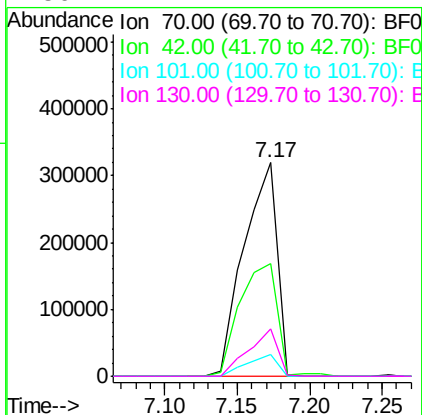
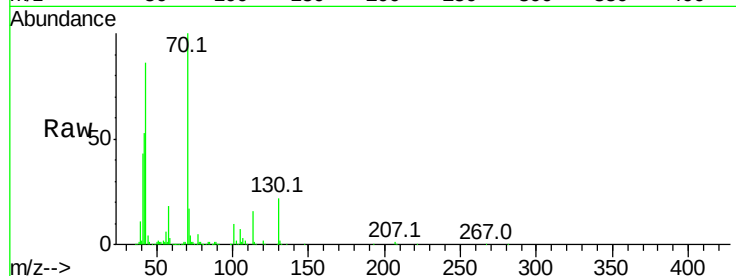




#19
n-Nitroso-di-n-propylamine
Concen: 52.40 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

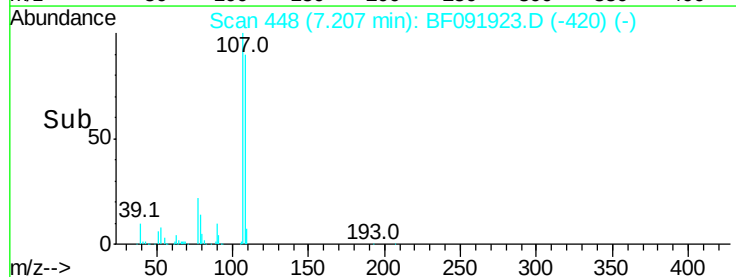
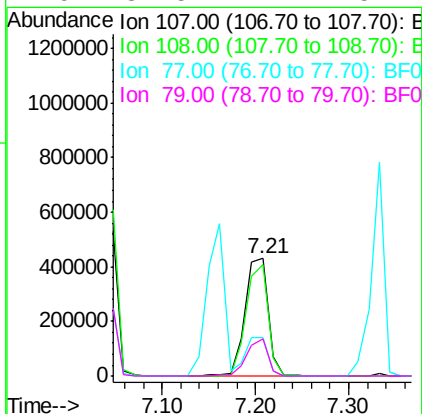
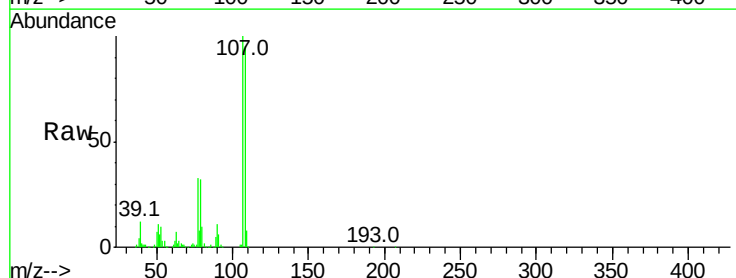
Instrument :
BNA_F
ClientSampleId :
PB95610BS

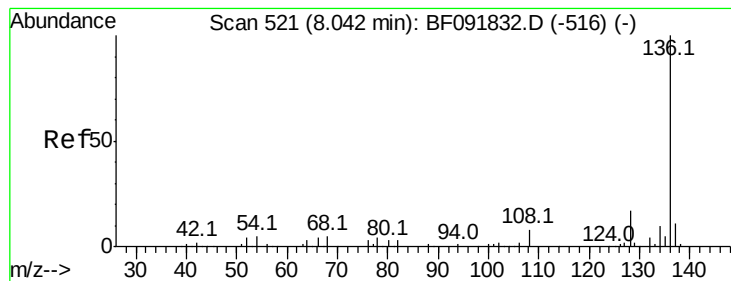
Tot Ion: 70 Resp: 507113
Ion Ratio Lower Upper
70 100
42 53.0 49.4 74.0
101 10.2 7.4 11.2
130 22.4 14.2 21.4#



#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

Tot Ion:136 Resp: 832274

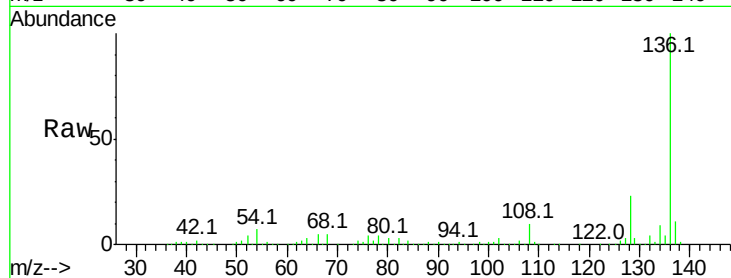
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.2 4.5 6.7#

68 5.4 3.6 5.4#

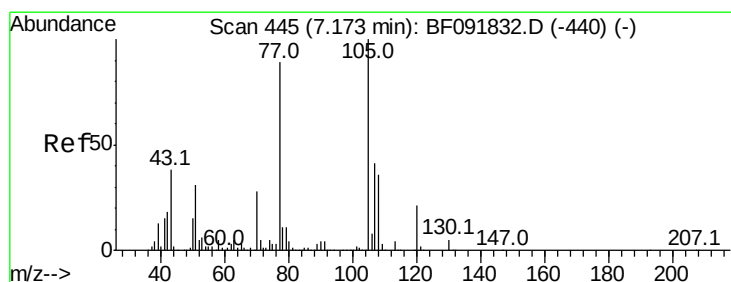
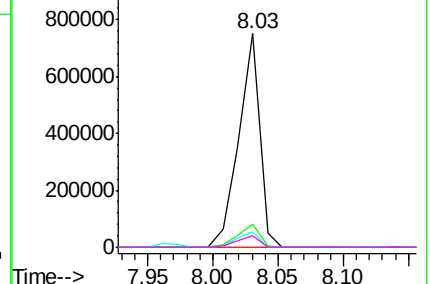
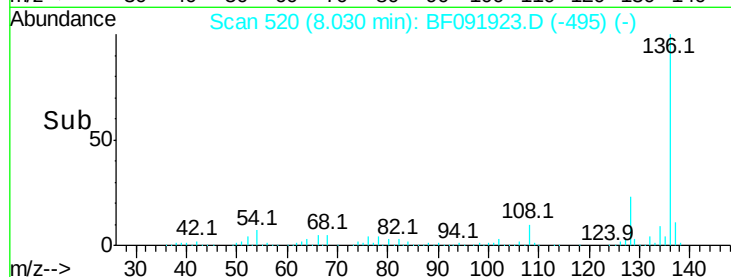


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 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

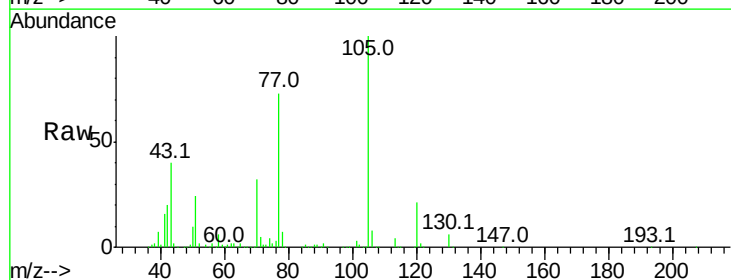
Ion Ratio Lower Upper

105 100

71 5.4 3.2 4.8#

51 23.9 26.2 39.4#

120 21.3 16.6 24.8

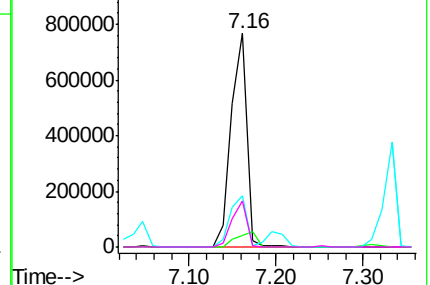
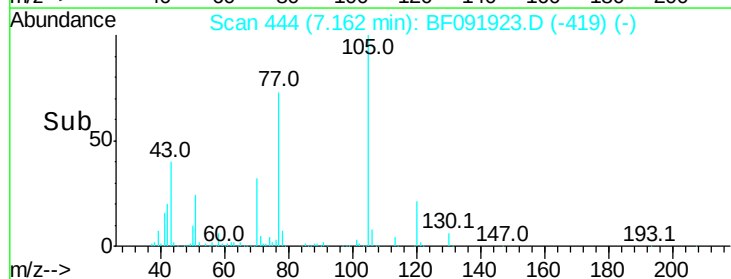


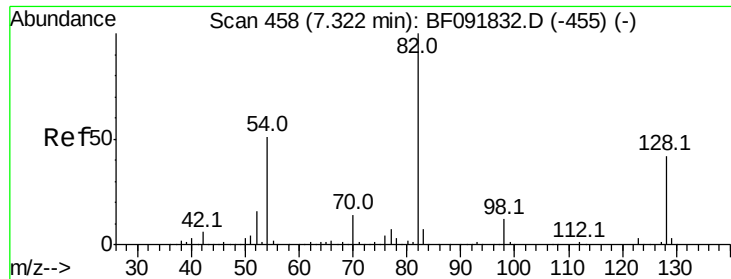
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

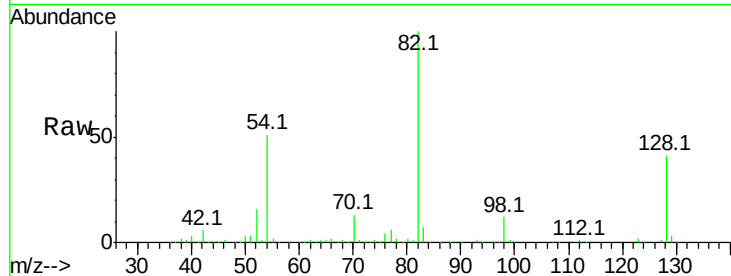




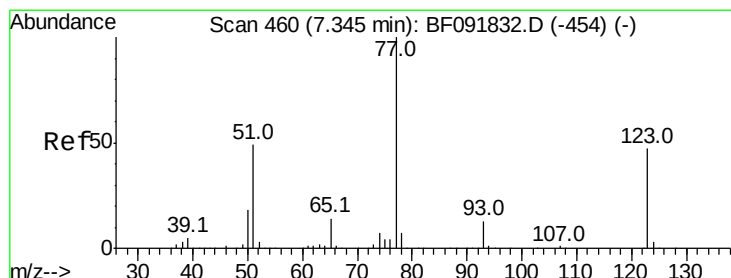
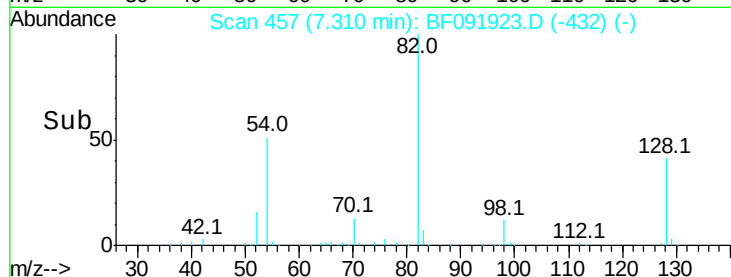
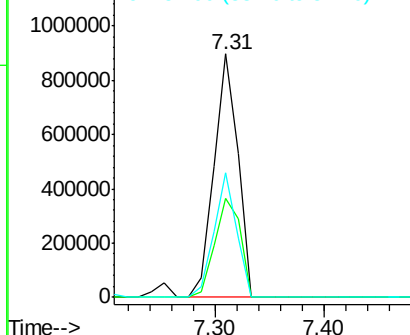
#23
Nitrobenzene-d5
Concen: 91.19 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tot Ion: 82 Resp: 1364827
Ion Ratio Lower Upper
82 100
128 40.8 34.6 52.0
54 51.0 39.5 59.3

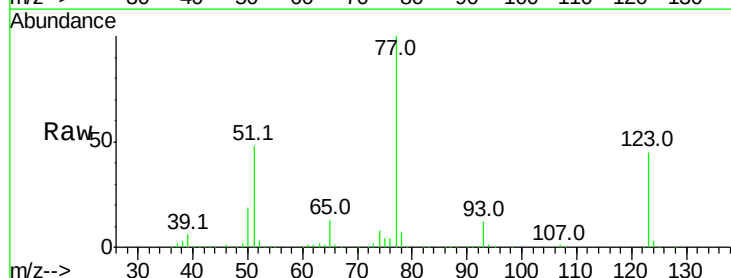


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

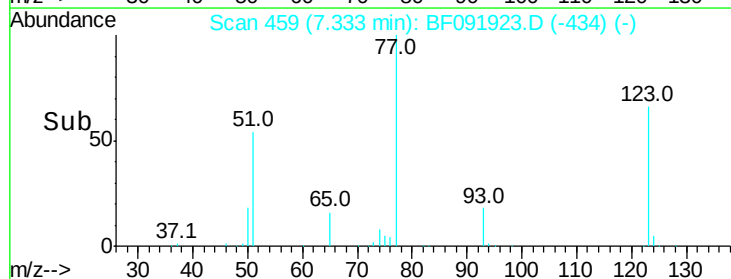
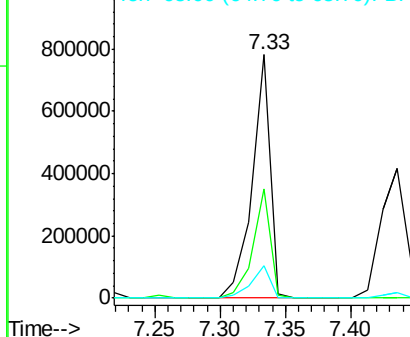


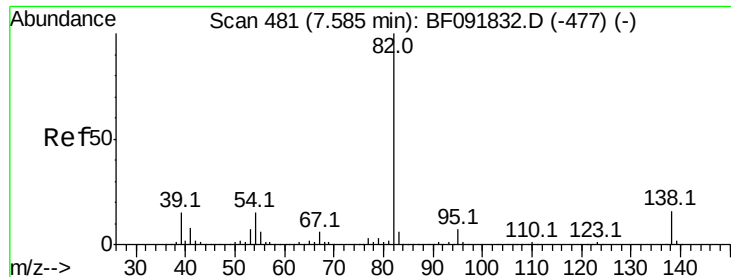
#24
Nitrobenzene
Concen: 47.03 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

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

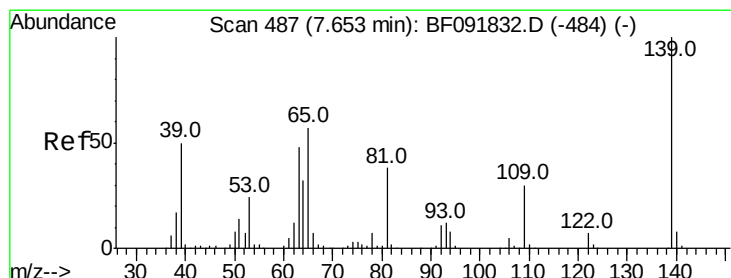
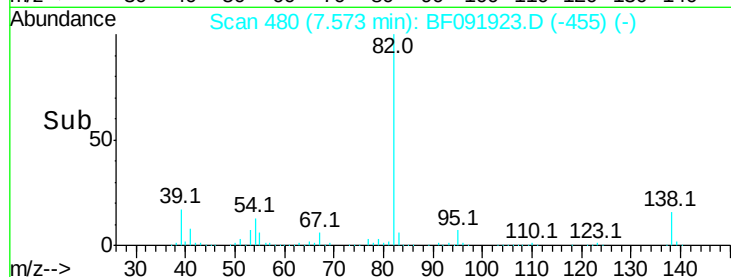
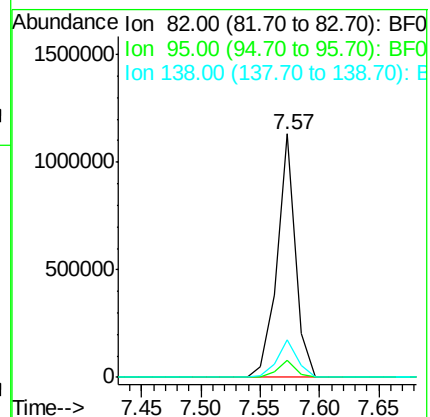
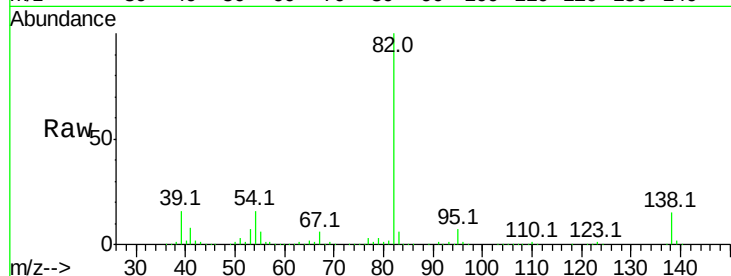
Tot Ion: 82 Resp: 1217718

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

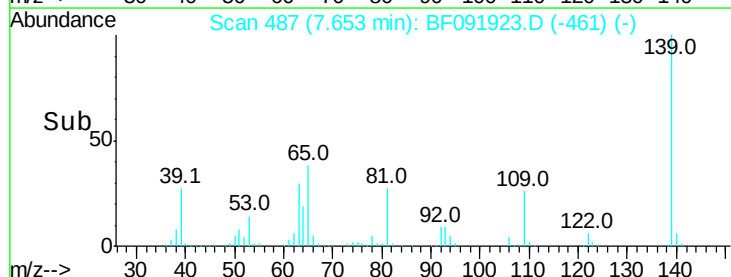
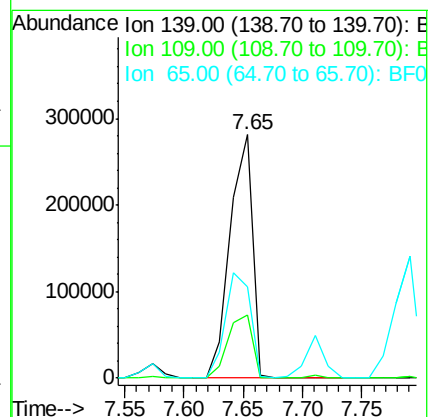
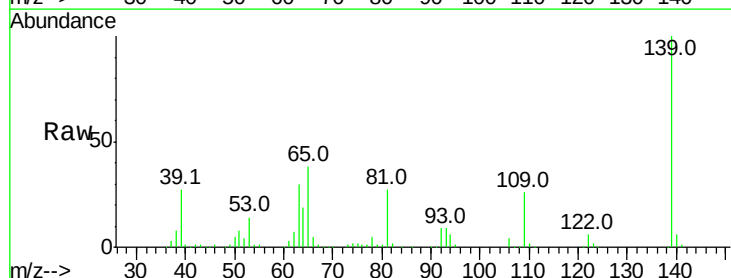
Tgt Ion: 139 Resp: 369185

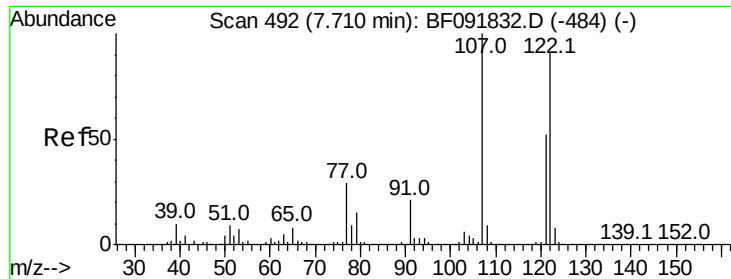
Ion Ratio Lower Upper

139 100

109 25.8 23.3 34.9

65 37.6 42.7 64.1#

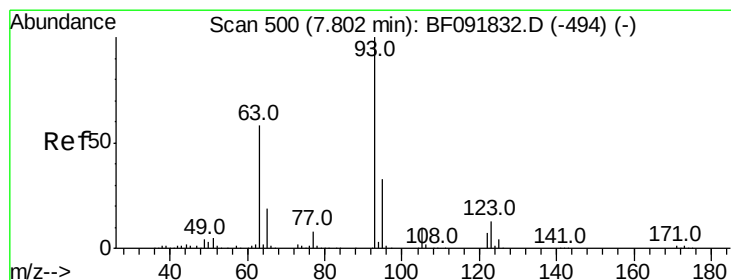
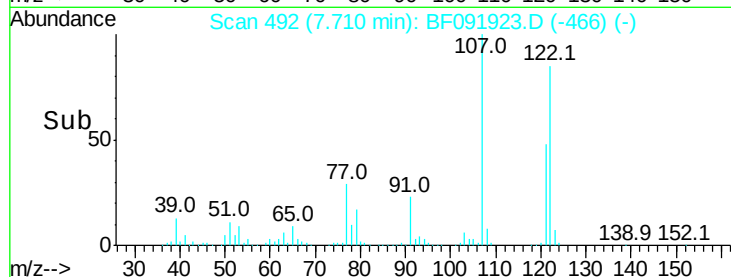
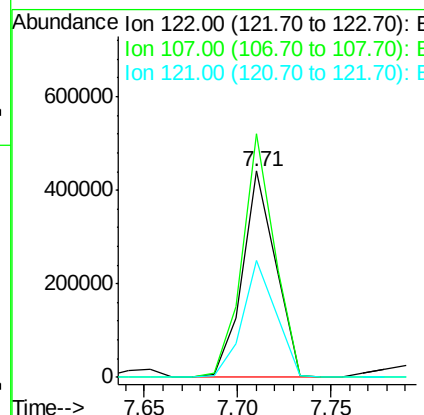
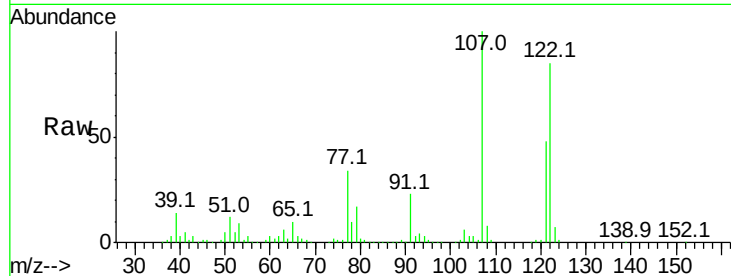




#27
2,4-Dimethylphenol
Concen: 42.24 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

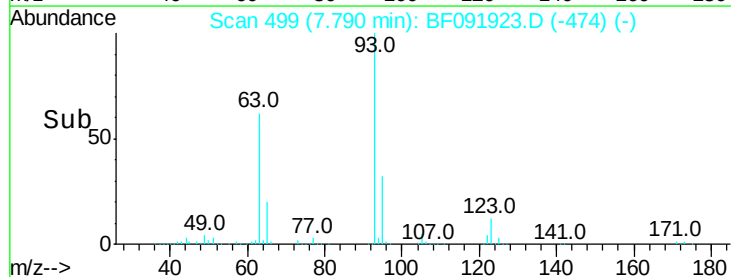
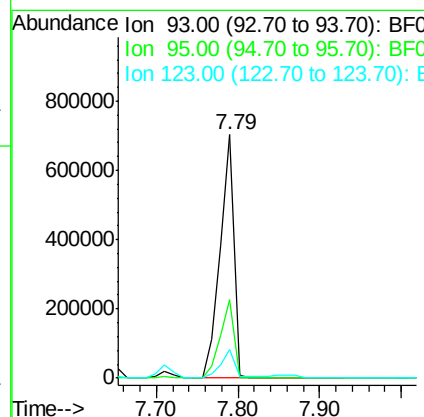
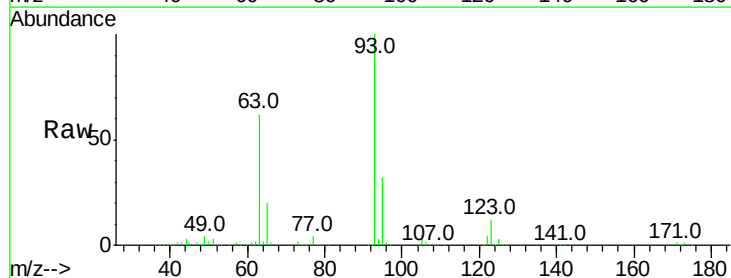
Instrument :
BNA_F
ClientSampleId :
PB95610BS

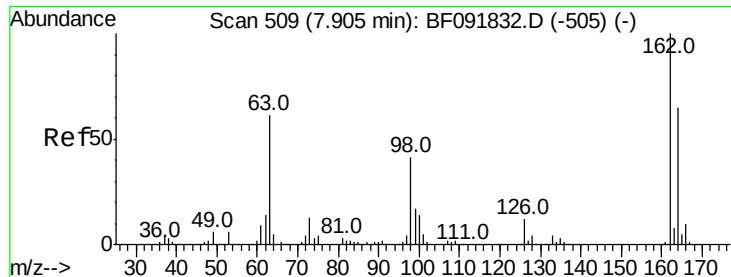
Tot Ion:122 Resp: 550752
Ion Ratio Lower Upper
122 100
107 118.0 94.1 141.1
121 56.8 46.0 69.0



#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: 93 Resp: 832038
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

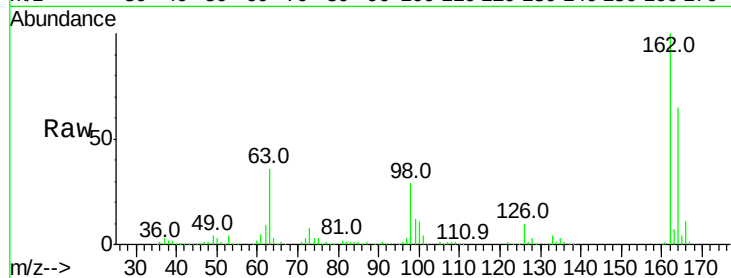
Tot Ion:162 Resp: 527572

Ion Ratio Lower Upper

162 100

164 64.7 46.8 86.8

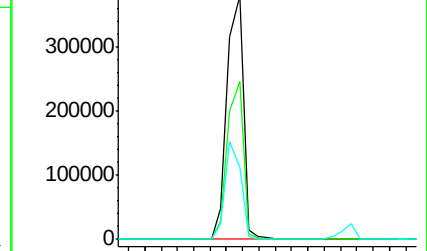
98 29.4 9.1 49.1



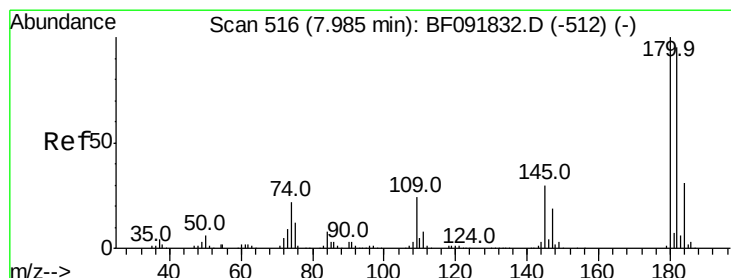
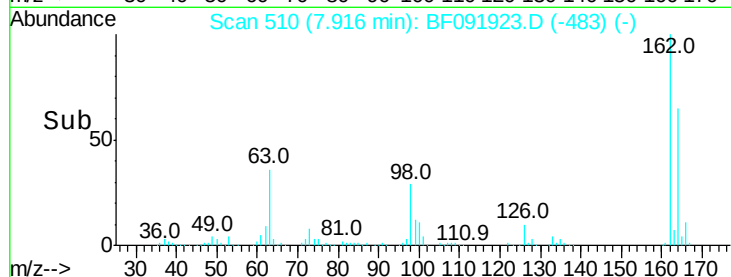
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



Time-->



#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

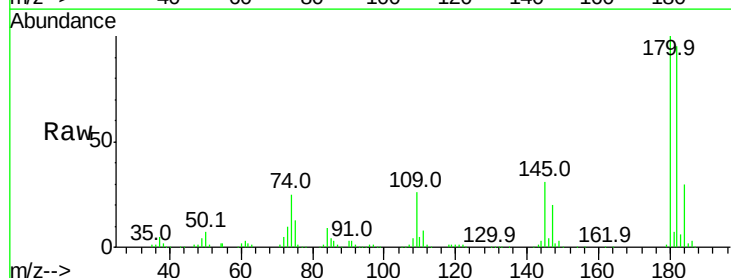
Tgt Ion:180 Resp: 560175

Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.4

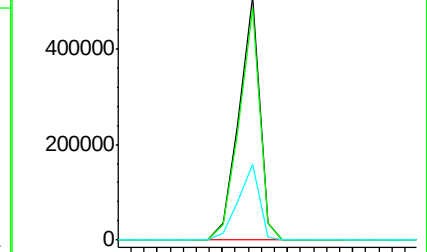
145 30.9 21.6 32.4



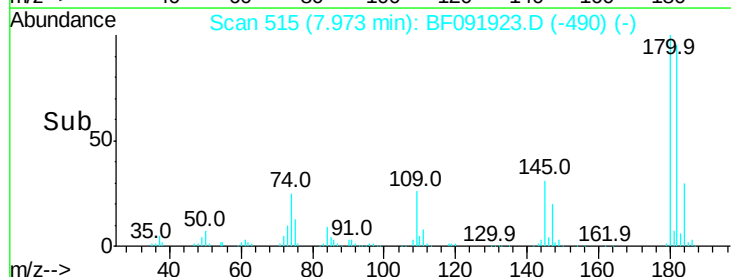
Abundance Ion 180.00 (179.70 to 180.70): E

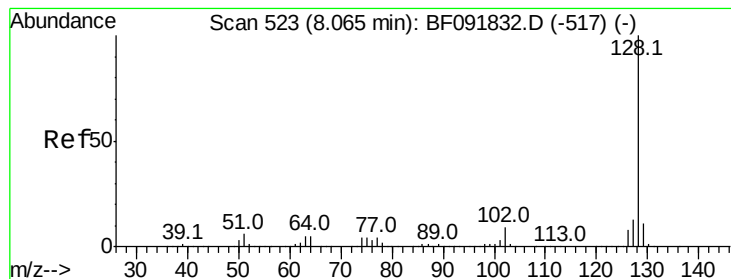
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



Time-->





#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

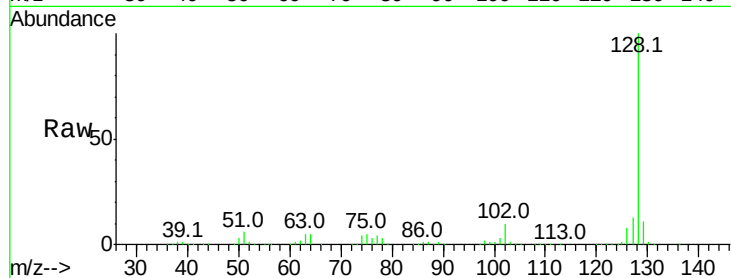
Tot Ion:128 Resp: 1868785

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

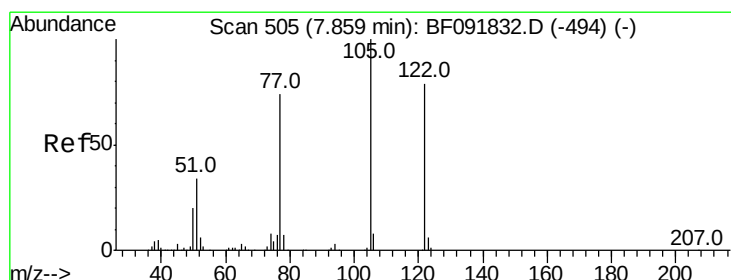
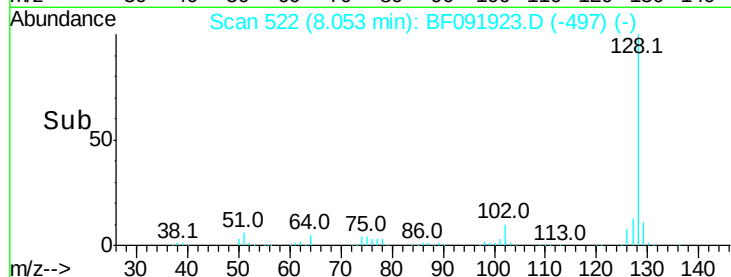
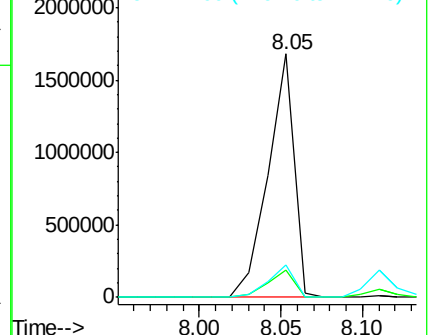
127 13.4 10.8 16.2



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

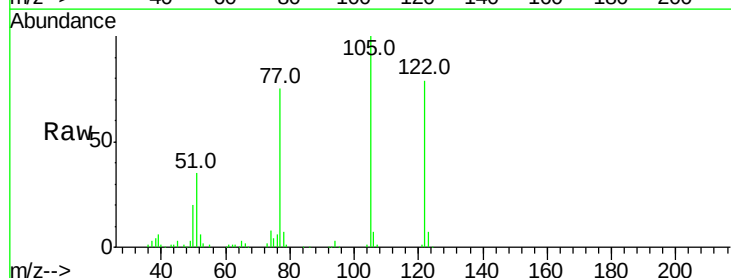
Tgt Ion:122 Resp: 413735

Ion Ratio Lower Upper

122 100

105 127.0 107.2 147.2

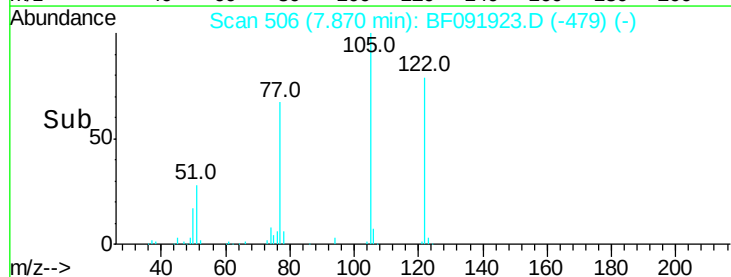
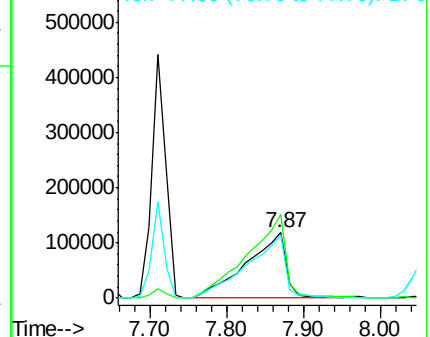
77 95.8 74.5 114.5

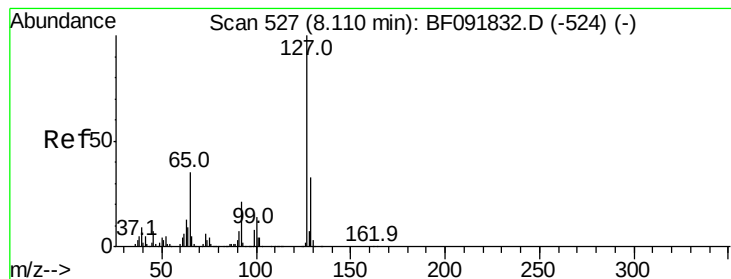


Abundance Ion 122.00 (121.70 to 122.70): E

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

Tot Ion:127 Resp: 244765

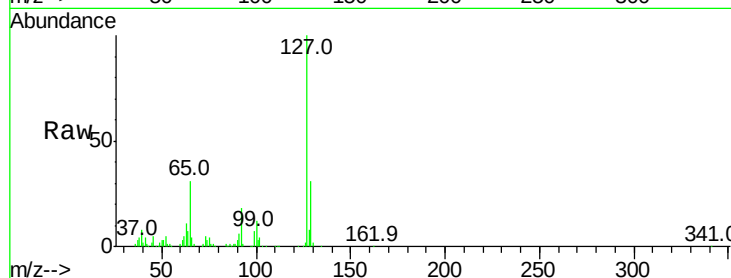
Ion Ratio Lower Upper

127 100

129 31.5 26.3 39.5

65 30.8 25.8 38.8

92 18.4 16.1 24.1

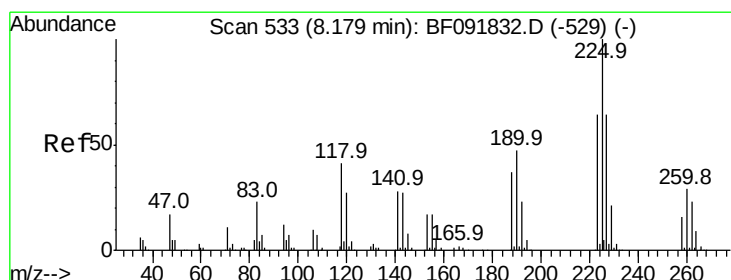
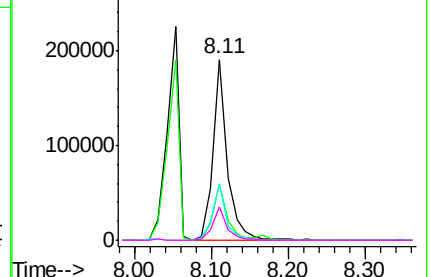
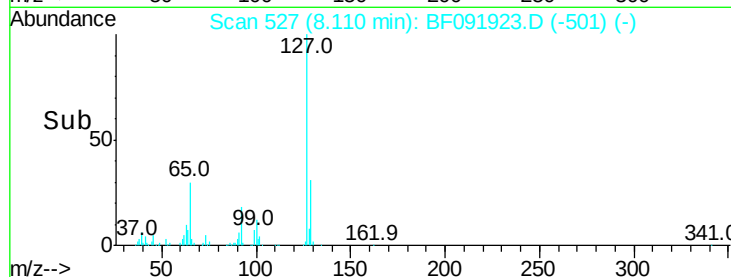


Abundance Ion 127.00 (126.70 to 127.70): E

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

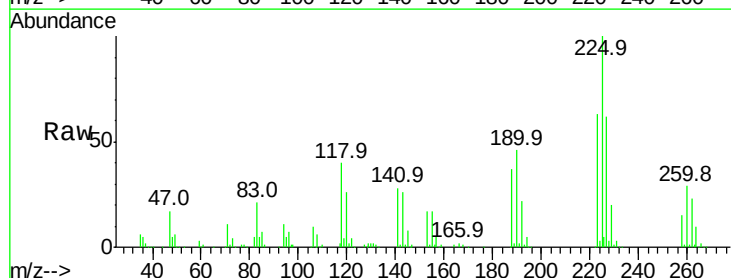
Tgt Ion:225 Resp: 299659

Ion Ratio Lower Upper

225 100

223 63.5 51.0 76.6

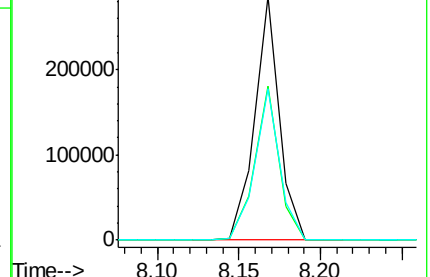
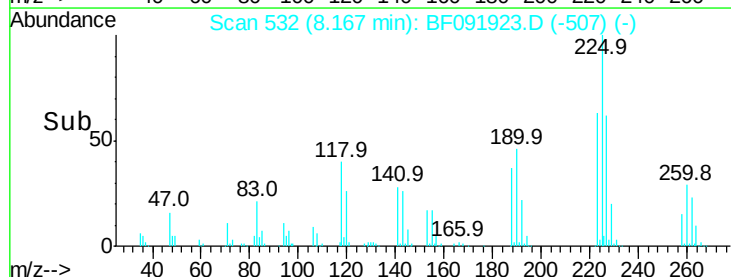
227 62.0 50.6 76.0

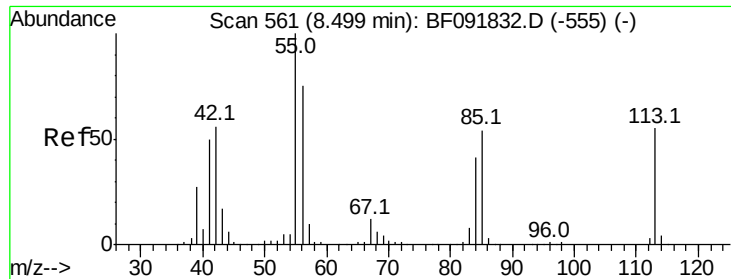


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.53 ng/ml

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

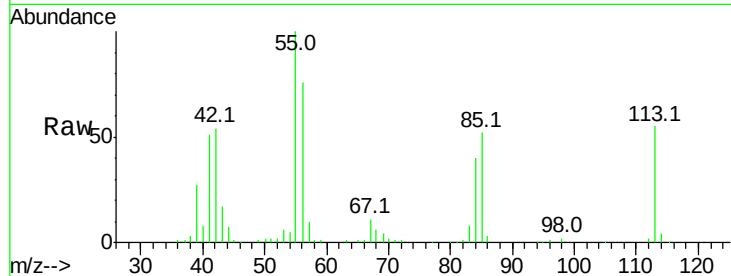
Tot Ion:113 Resp: 172457

Ion Ratio Lower Upper

113 100

55 183.3 119.2 159.2#

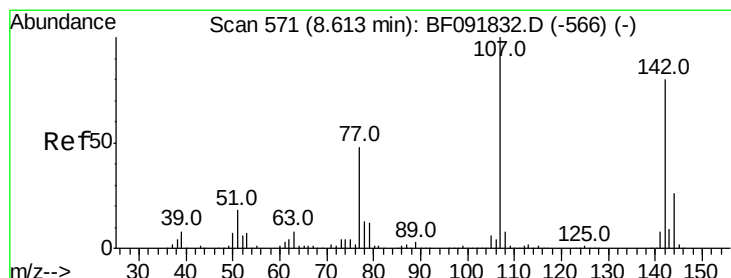
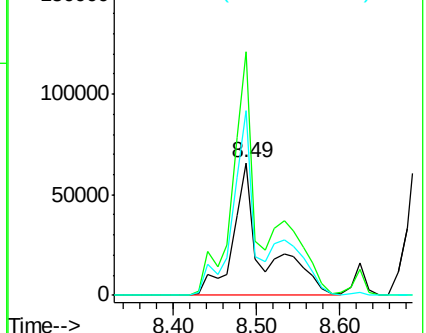
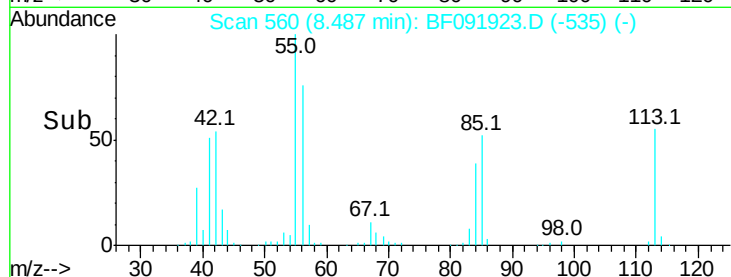
56 139.4 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.99 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

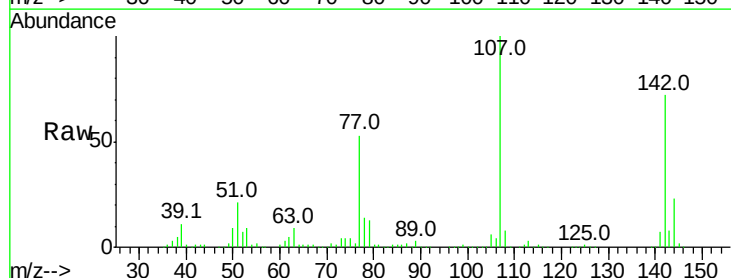
Tgt Ion:107 Resp: 558841

Ion Ratio Lower Upper

107 100

144 23.4 19.3 28.9

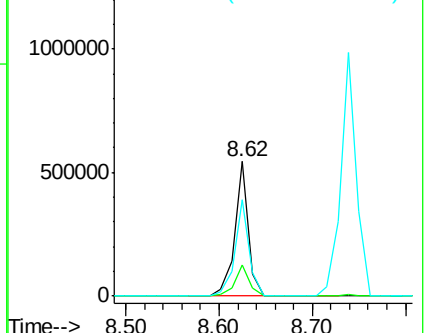
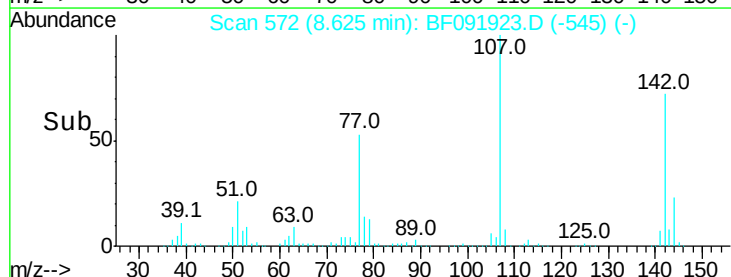
142 71.7 59.0 88.6

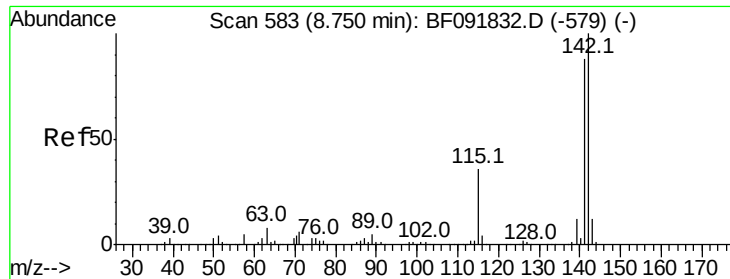


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

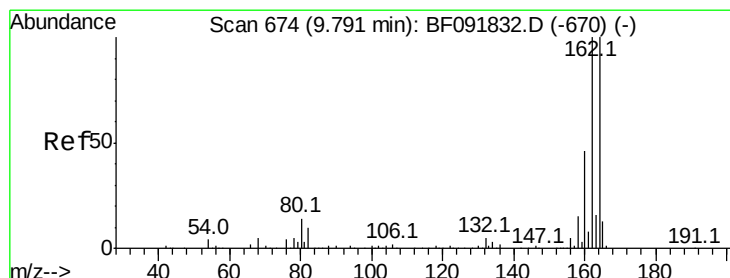
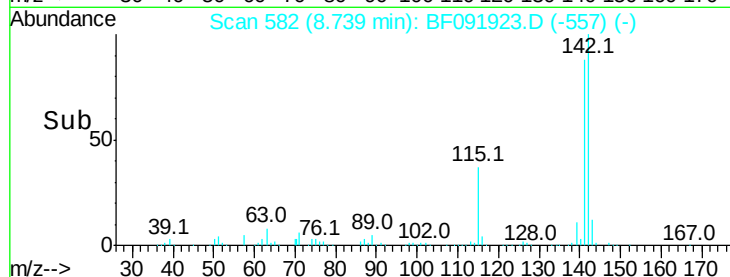
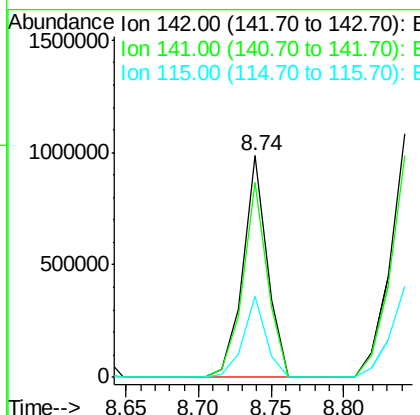
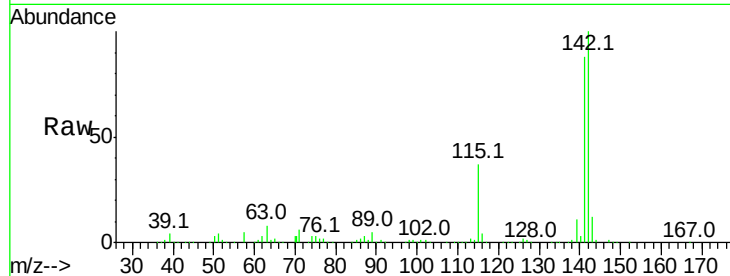




#37
2-Methylnaphthalene
Concen: 53.22 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

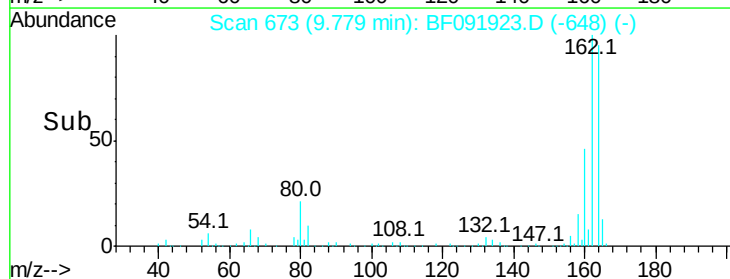
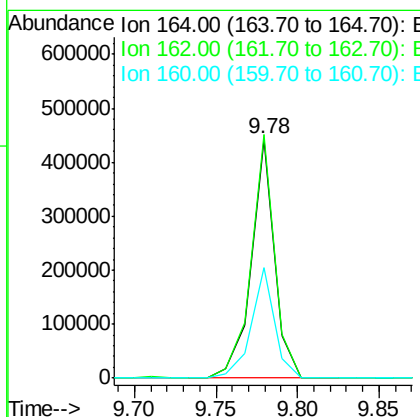
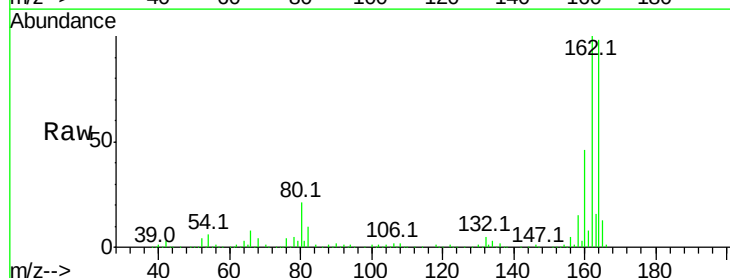
Instrument :
BNA_F
ClientSampleId :
PB95610BS

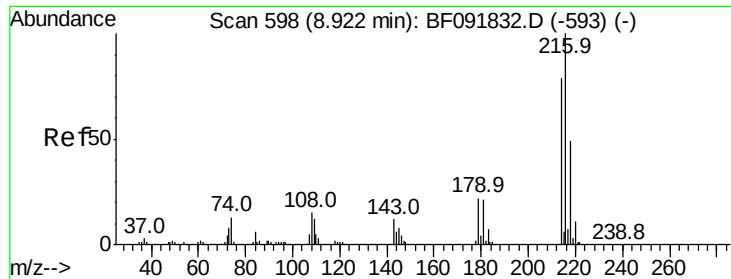
Tot Ion:142 Resp: 1147913
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6
115 36.6 28.3 42.5



#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

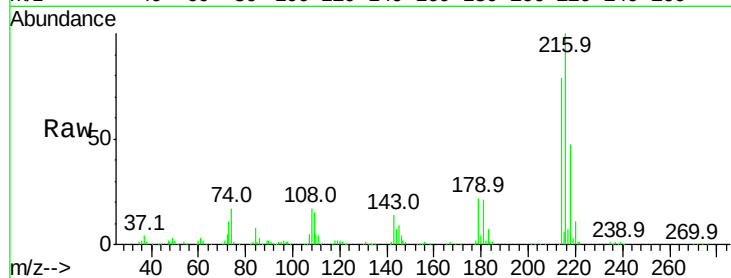




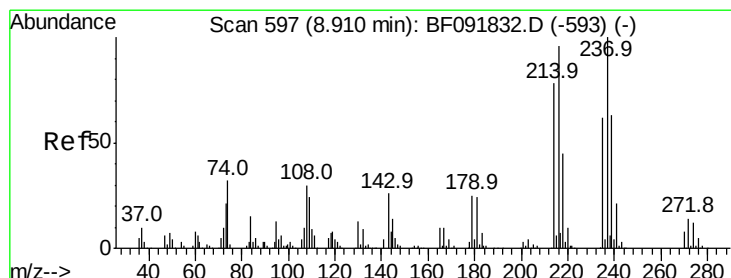
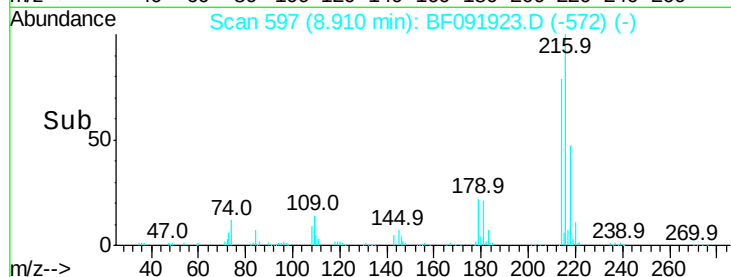
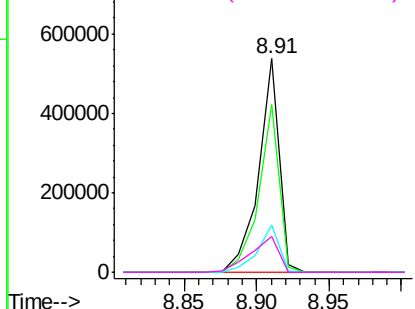
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.76 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tot 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

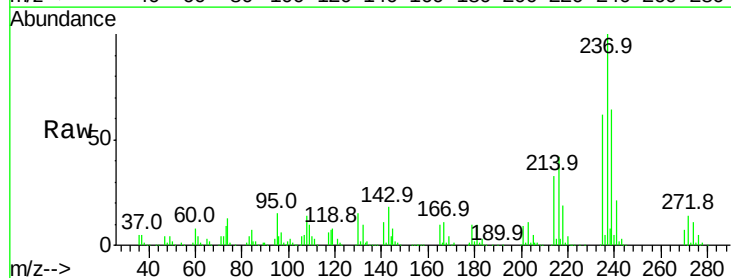


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

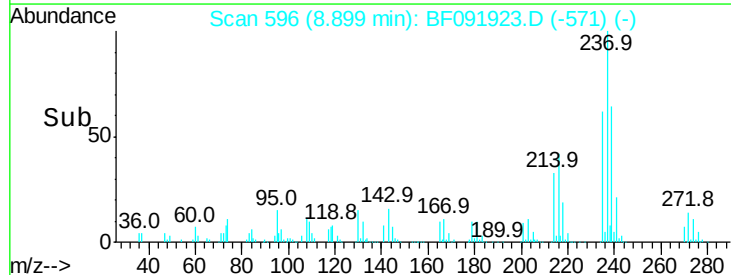
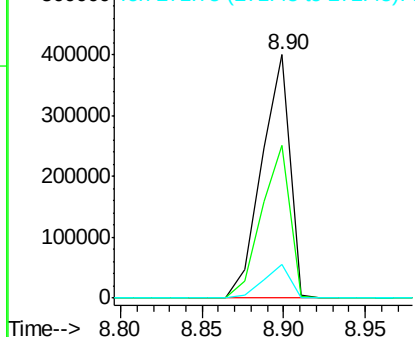


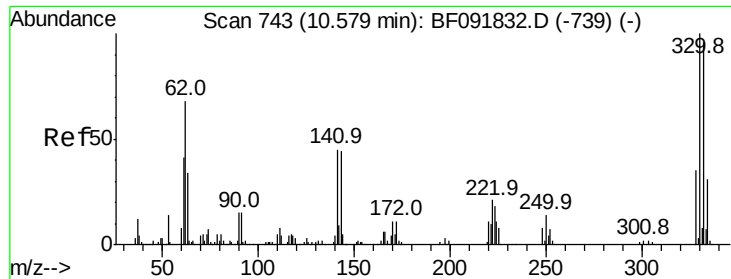
#40
 Hexachlorocyclopentadiene
 Concen: 96.65 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

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

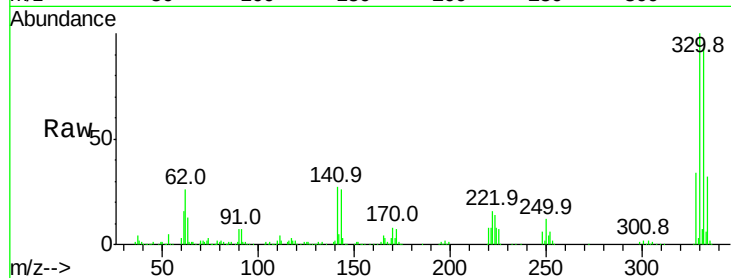




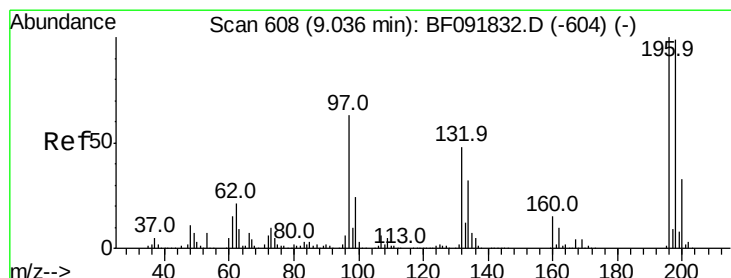
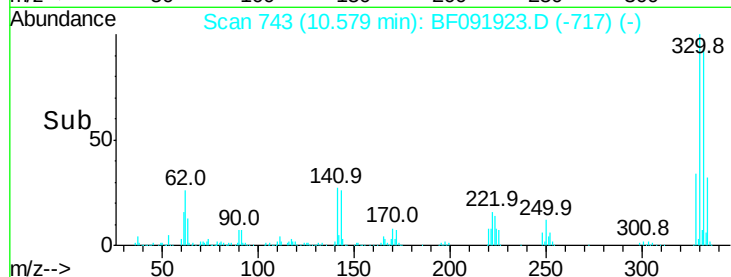
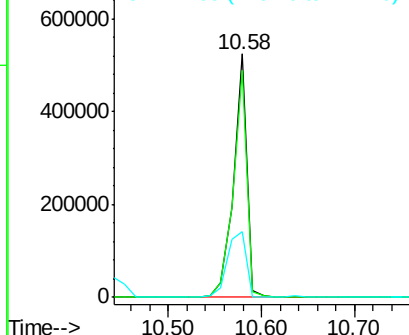
#41
 2,4,6-Tribromophenol
 Concen: 147.83 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	38.0	34.1	51.1

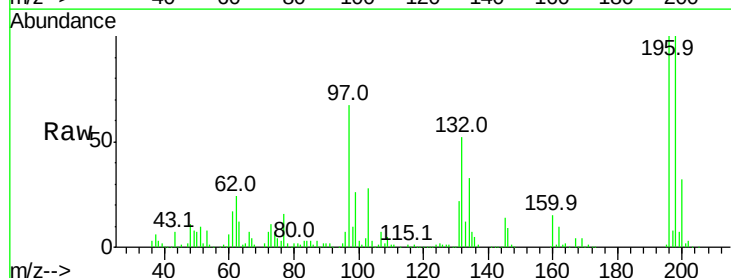


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

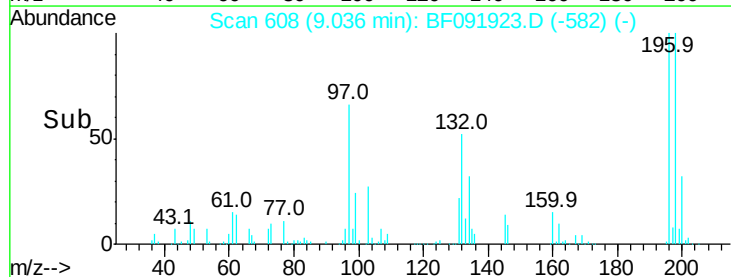
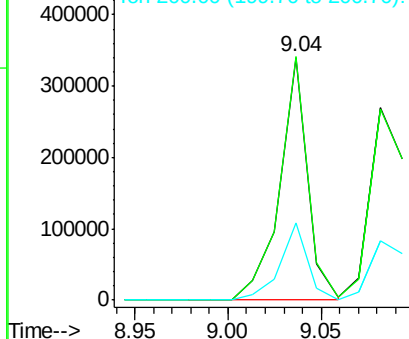


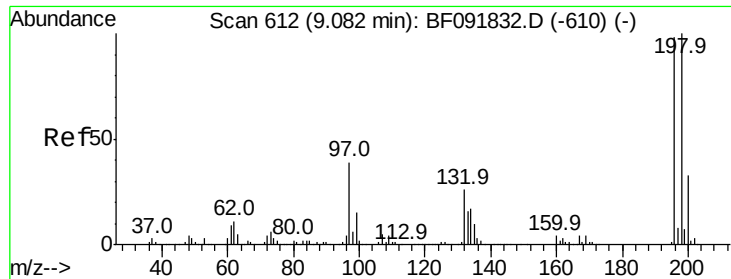
#42
 2,4,6-Trichlorophenol
 Concen: 46.22 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion	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

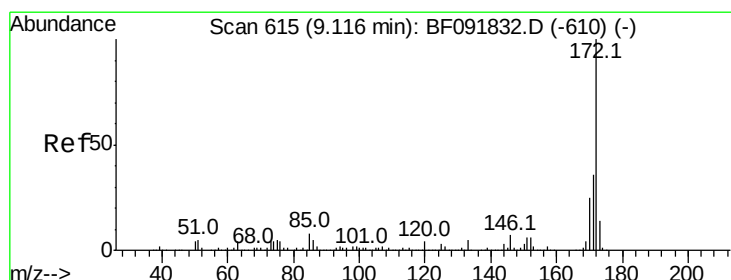
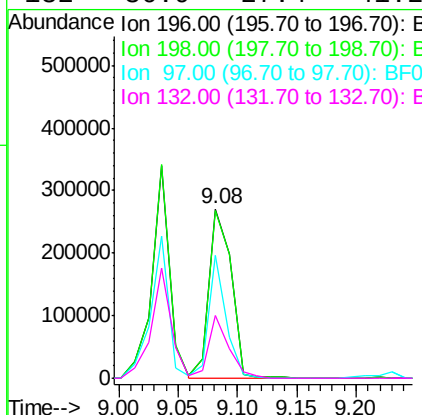
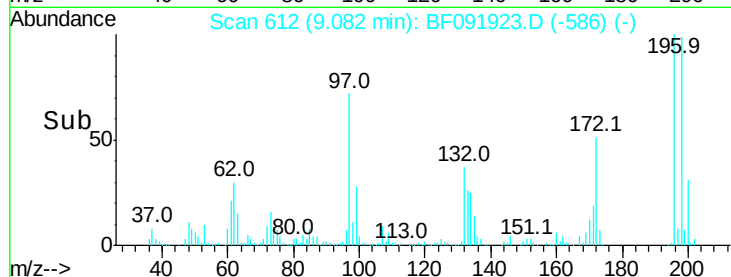
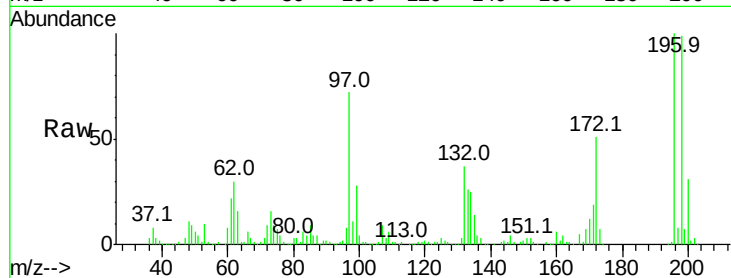




#43
 2,4,5-Trichlorophenol
 Concen: 44.07 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

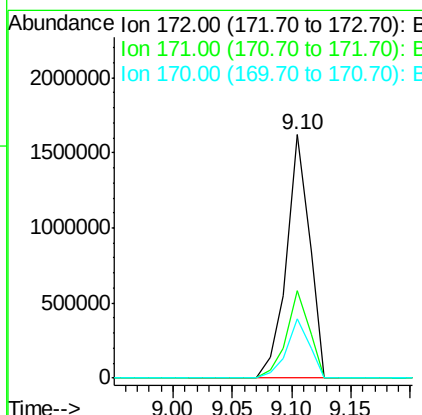
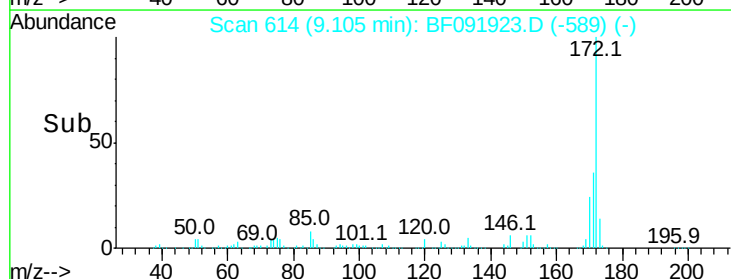
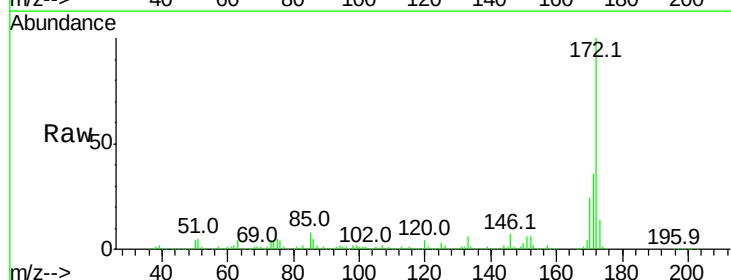
Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

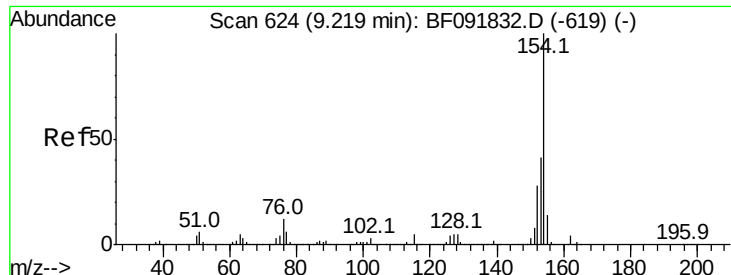
Tot Ion:	196	Resp:	349773
Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.4	119.2
97	72.2	51.5	77.3
132	36.9	27.4	41.2



#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:	172	Resp:	2165310
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4





#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

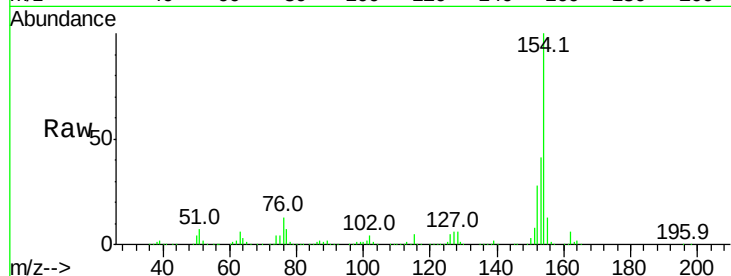
Tot Ion:154 Resp: 1483861

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

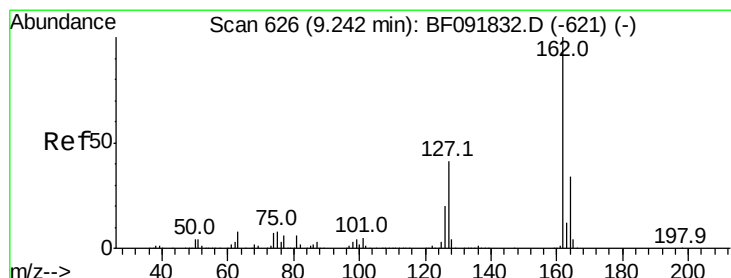
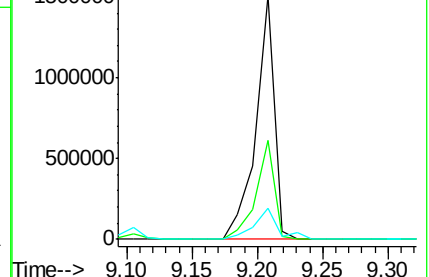
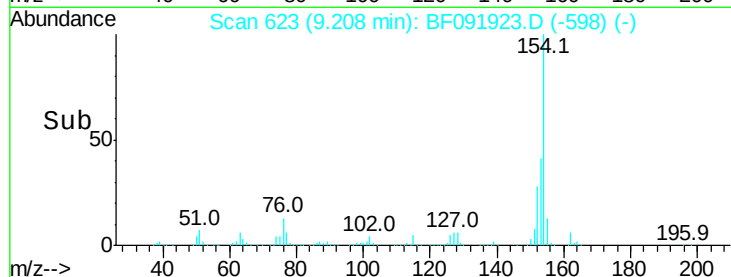
76 12.6 0.0 30.5



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

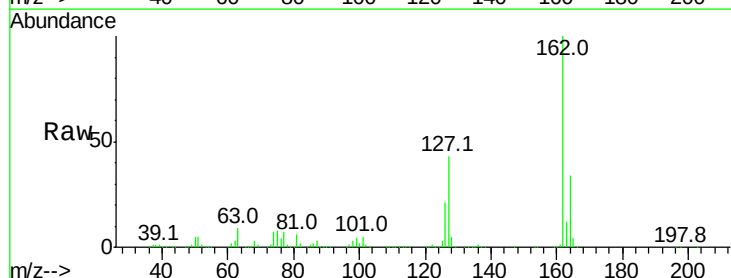
Tgt Ion:162 Resp: 1106577

Ion Ratio Lower Upper

162 100

127 42.9 30.7 46.1

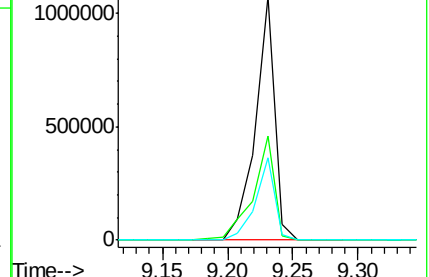
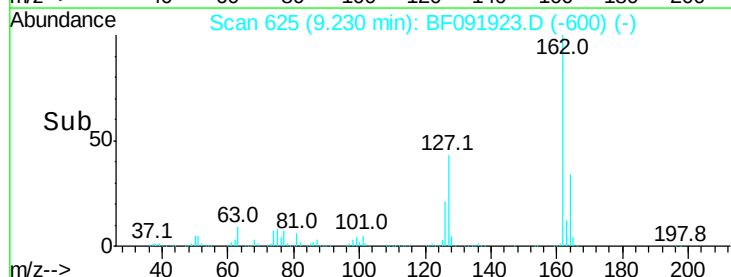
164 33.6 27.6 41.4

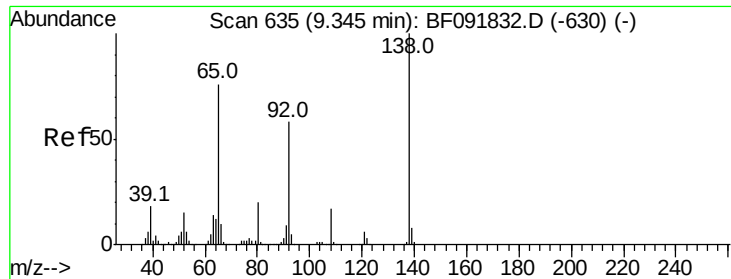


Abundance Ion 162.00 (161.70 to 162.70): E

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

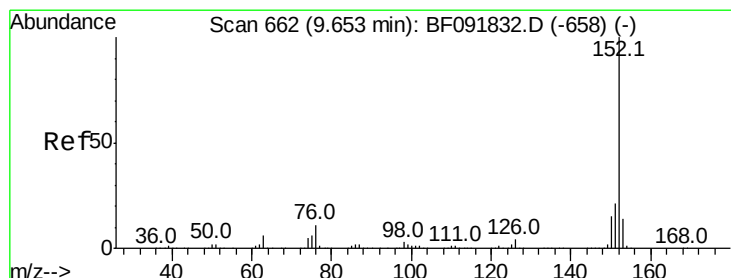
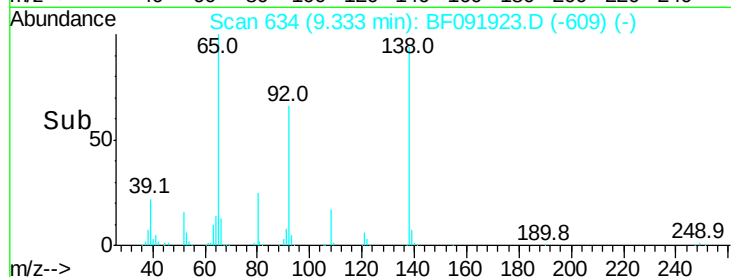
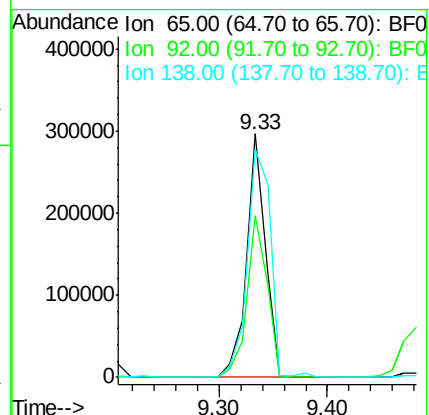
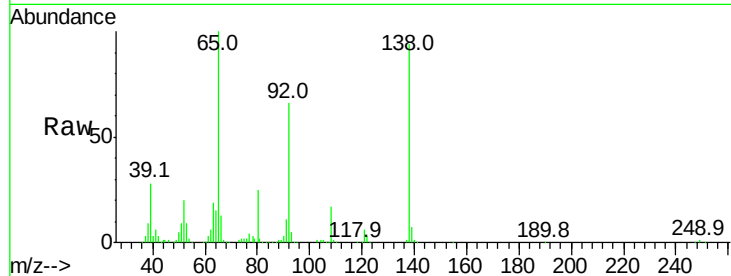
Tot Ion: 65 Resp: 351437

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

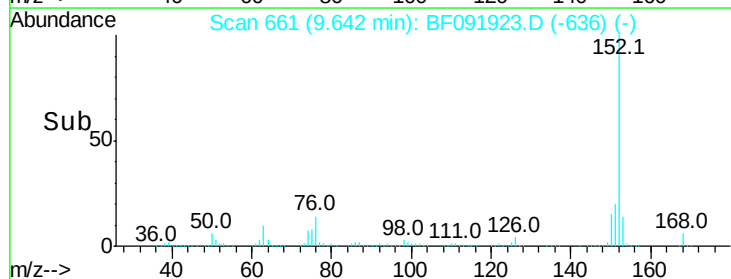
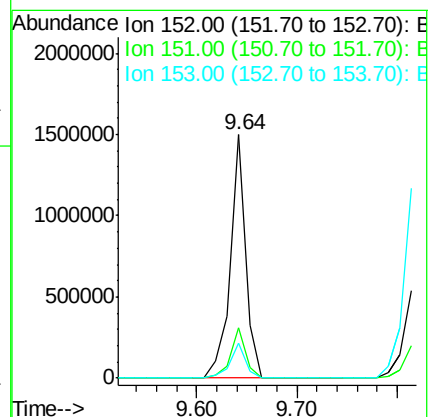
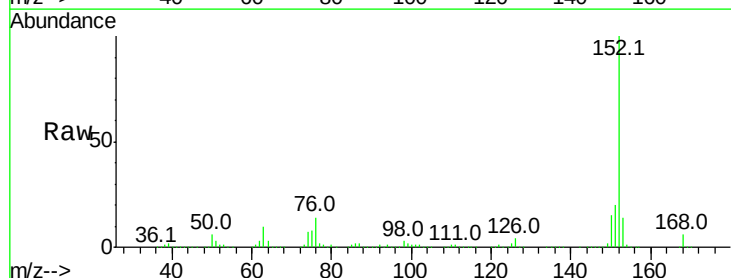
Tgt Ion: 152 Resp: 1591899

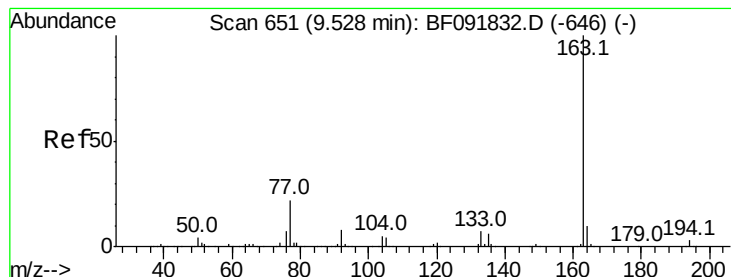
Ion Ratio Lower Upper

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

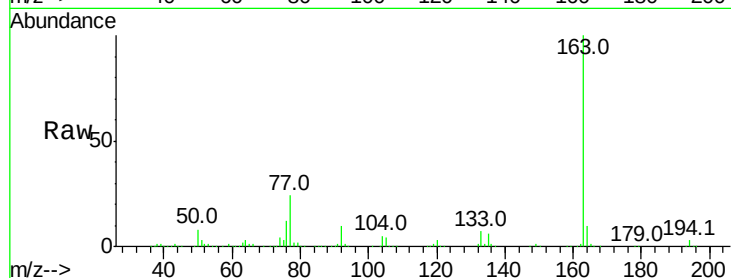
Tot Ion:163 Resp: 1281456

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

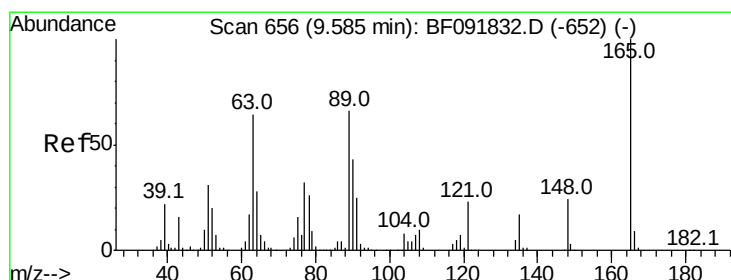
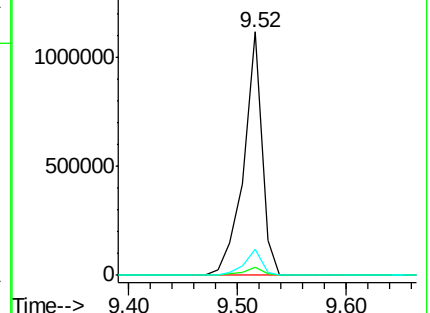
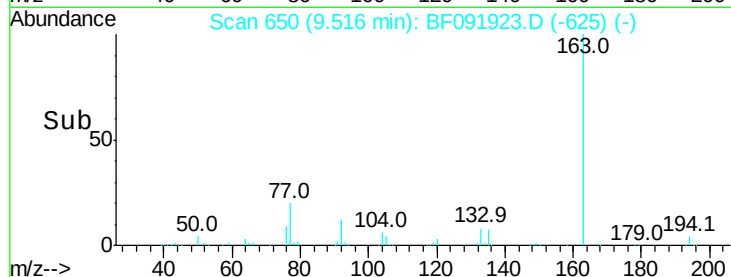
164 10.5 8.0 12.0



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

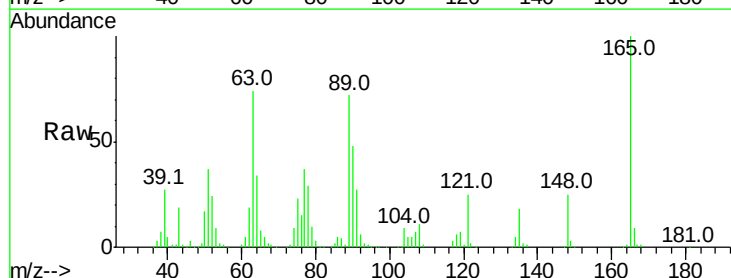
Tgt Ion:165 Resp: 269894

Ion Ratio Lower Upper

165 100

63 73.6 36.2 54.4#

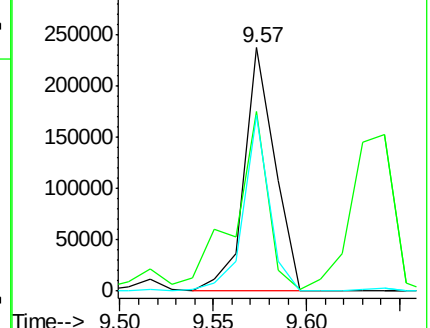
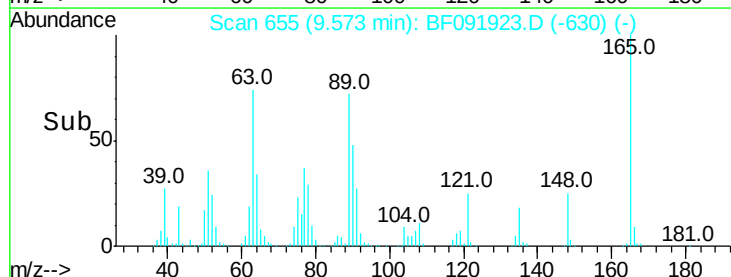
89 72.3 40.2 60.4#

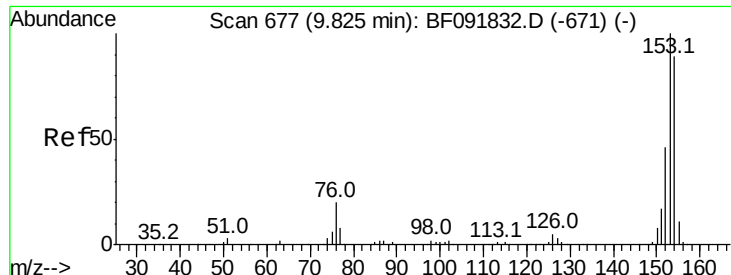


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

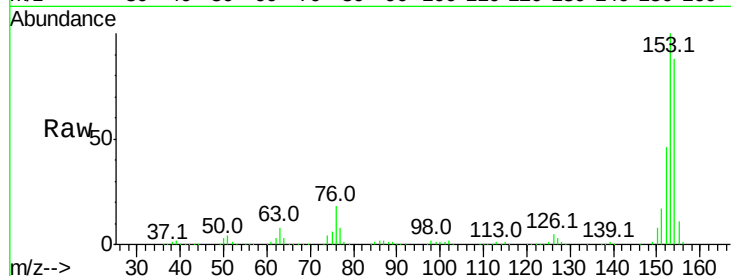




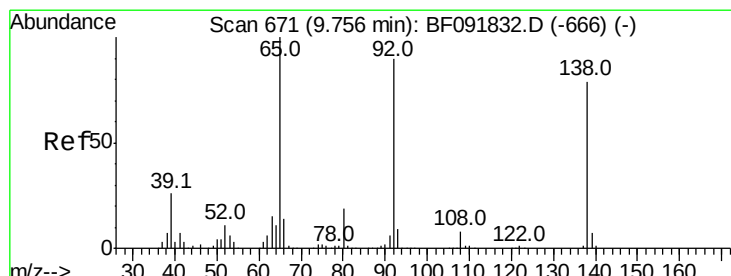
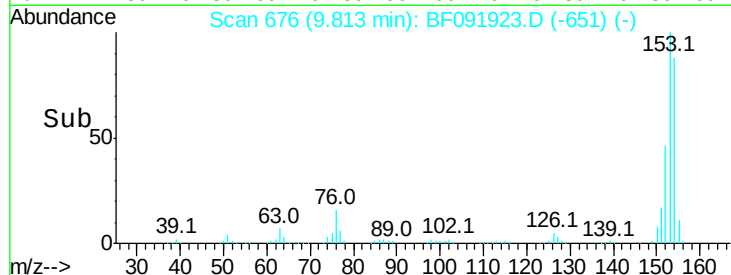
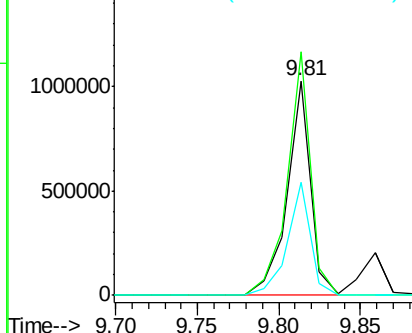
#51
Acenaphthene
Concen: 41.66 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

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

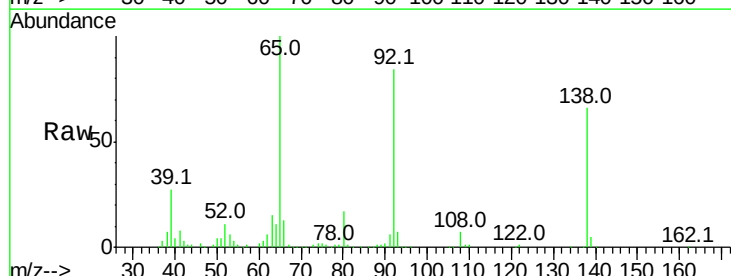


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

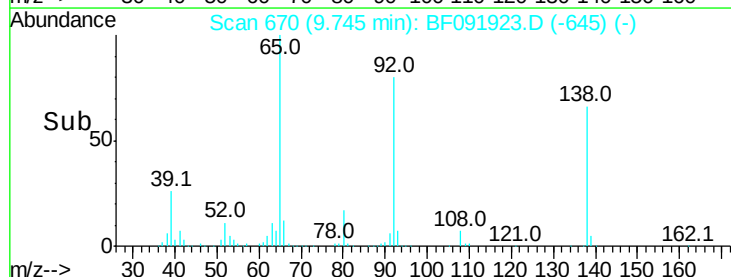
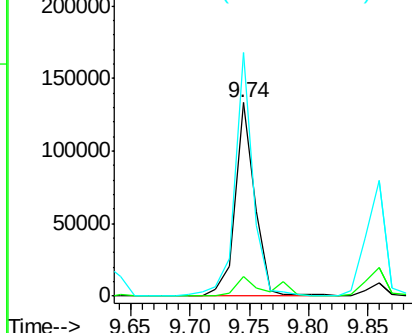


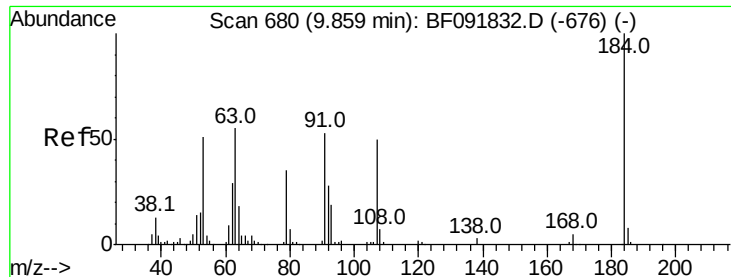
#52
3-Nitroaniline
Concen: 20.43 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

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

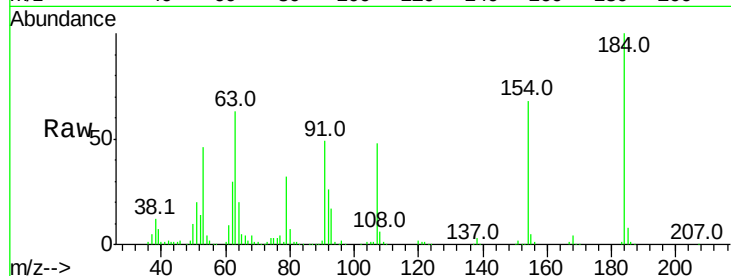
Tot Ion:184 Resp: 326060

Ion Ratio Lower Upper

184 100

63 63.1 28.4 42.6#

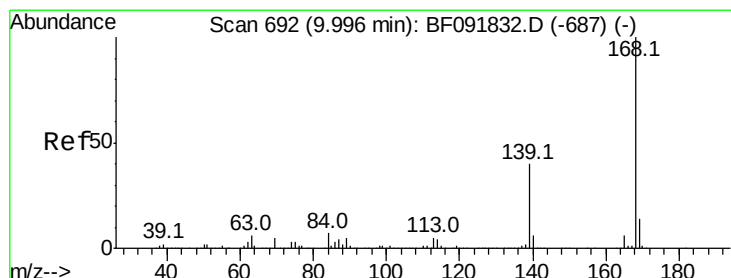
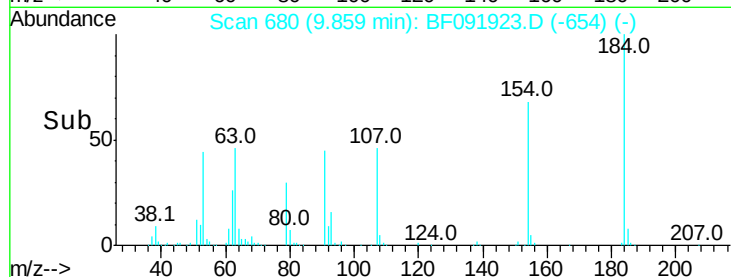
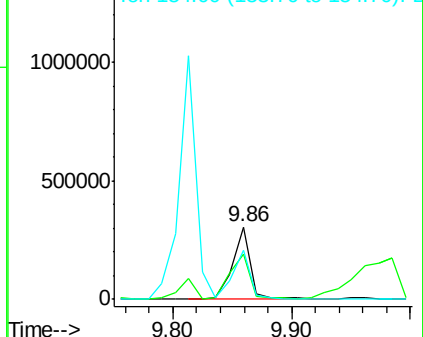
154 67.6 44.3 66.5#



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

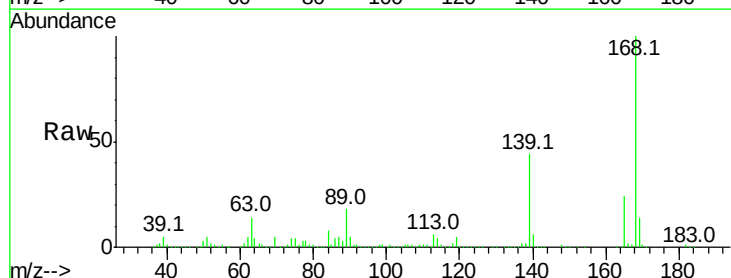
Tgt Ion:168 Resp: 1348838

Ion Ratio Lower Upper

168 100

139 44.1 32.6 49.0

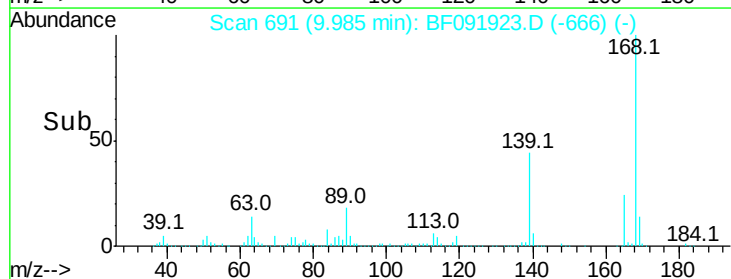
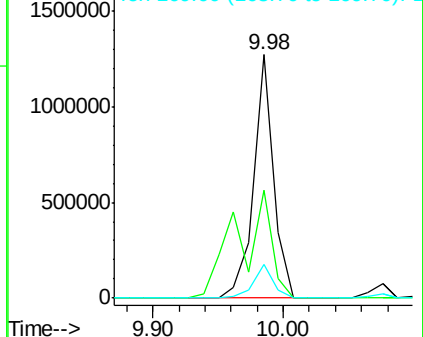
169 13.9 11.3 16.9

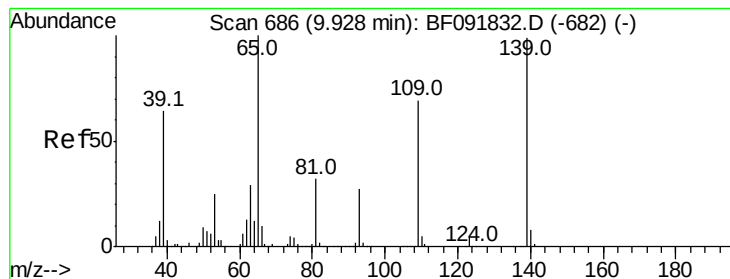


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 112.16 ng/mL

RT: 9.96 min Scan# 689

Delta R.T. 0.03 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

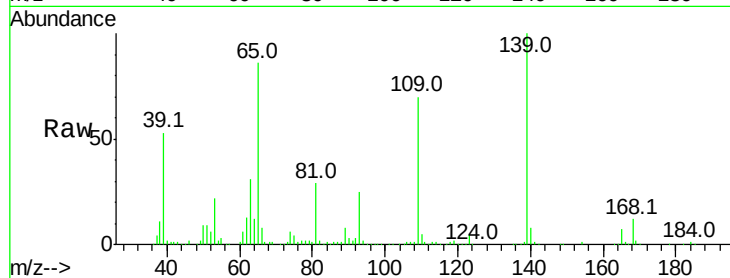
Tot Ion:139 Resp: 575808

Ion Ratio Lower Upper

139 100

109 70.4 52.2 92.2

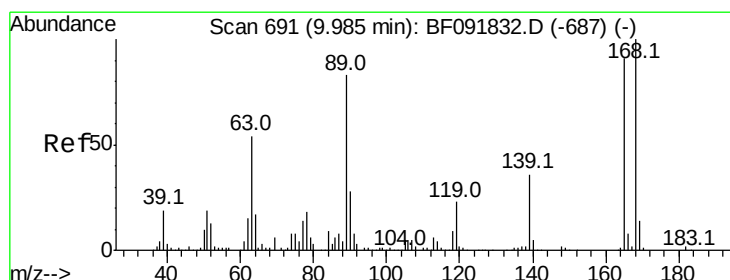
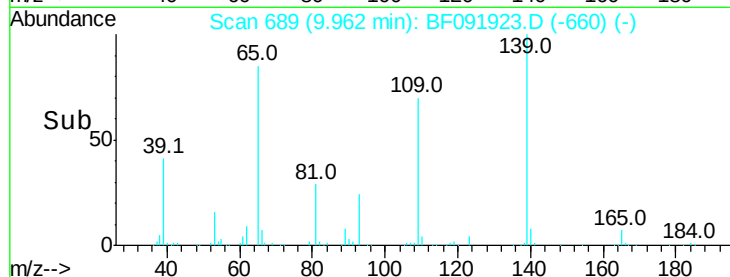
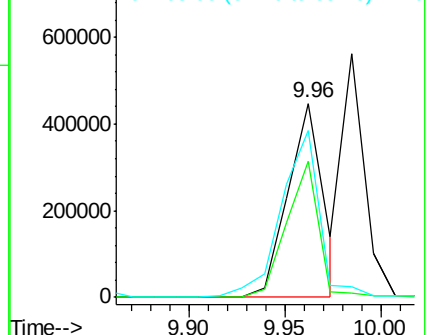
65 86.0 85.8 125.8



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): E



#56

2,4-Dinitrotoluene

Concen: 51.11 ng/mL

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

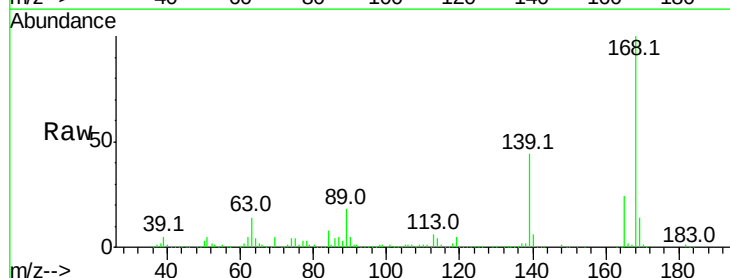
Ion Ratio Lower Upper

165 100

63 55.4 40.2 60.4

89 72.2 62.5 93.7

182 2.4 1.8 2.8

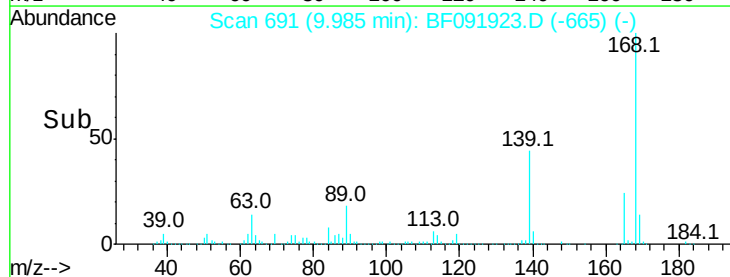
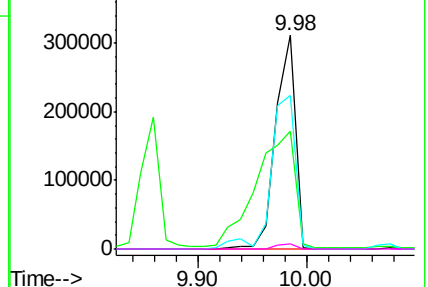


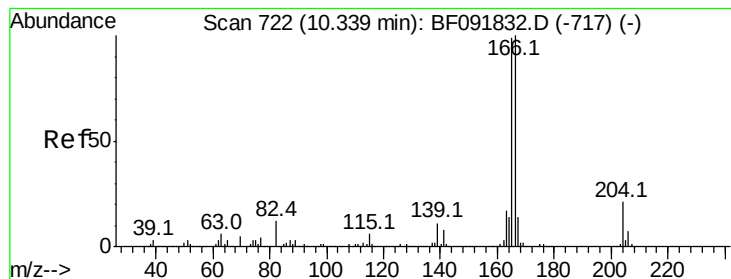
Abundance Ion 165.00 (164.70 to 165.70): E

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

ClientSampleId :

PB95610BS

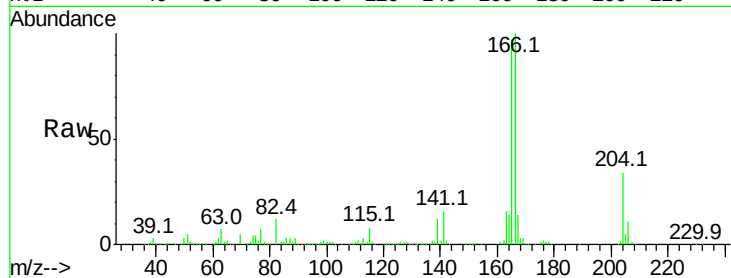
Tot Ion:166 Resp: 1095292

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.8

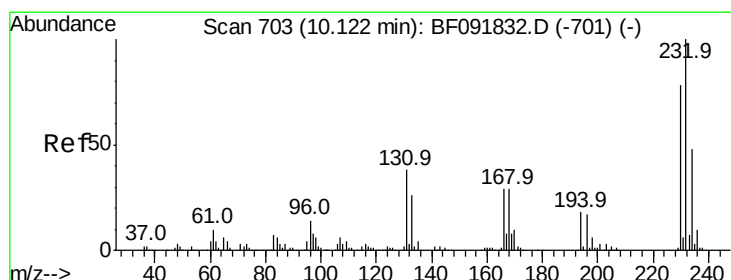
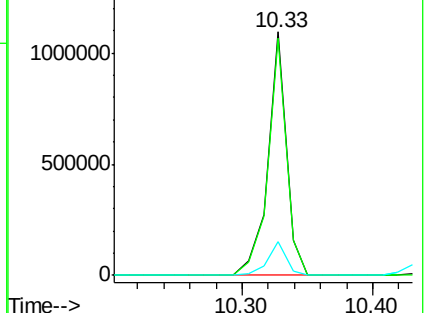
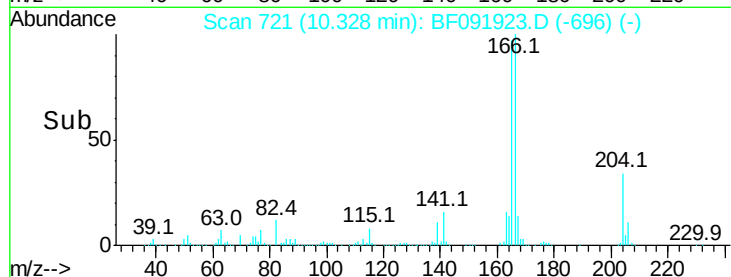
167 13.8 10.8 16.2



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

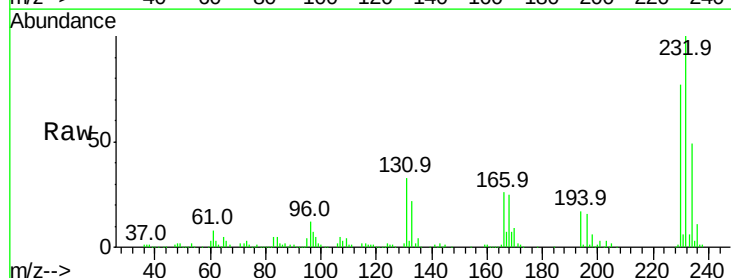
Ion Ratio Lower Upper

232 100

131 51.4 40.1 60.1

130 2.4 1.8 2.8

166 33.1 26.6 39.8

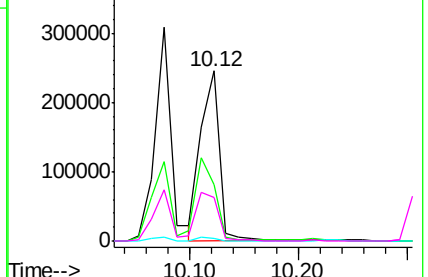
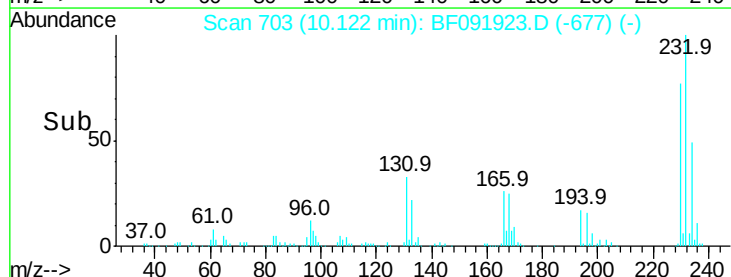


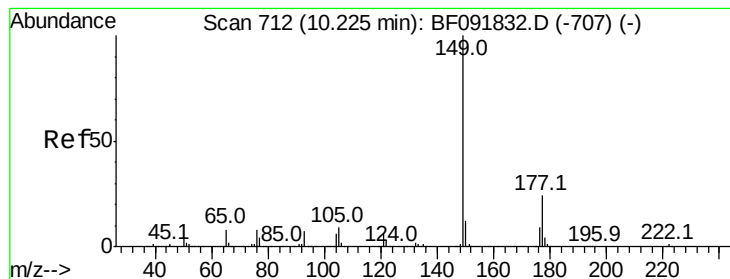
Abundance Ion 232.00 (231.70 to 232.70): E

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

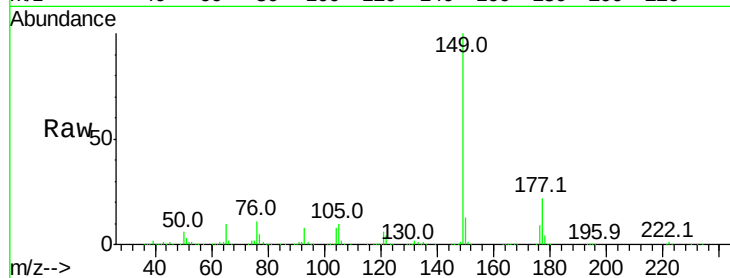
Tot Ion:149 Resp: 1257305

Ion Ratio Lower Upper

149 100

177 21.8 16.6 25.0

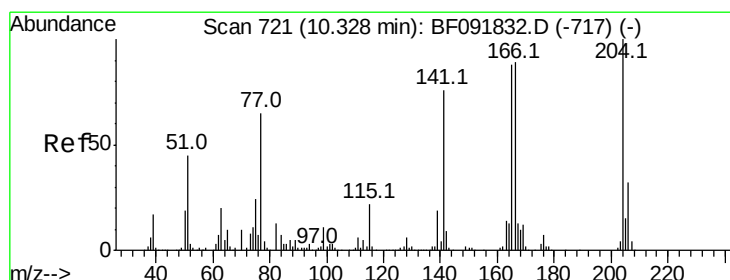
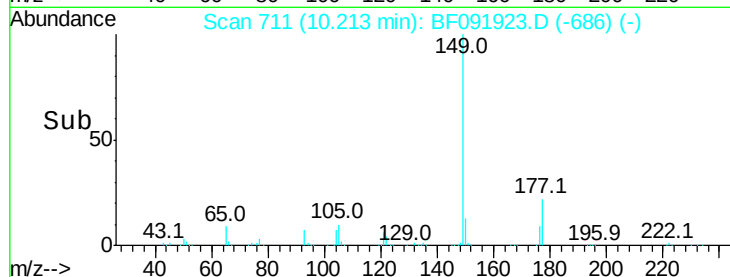
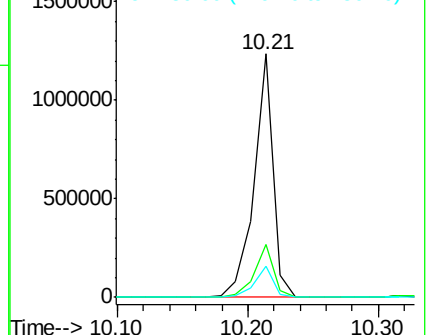
150 12.8 10.4 15.6



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

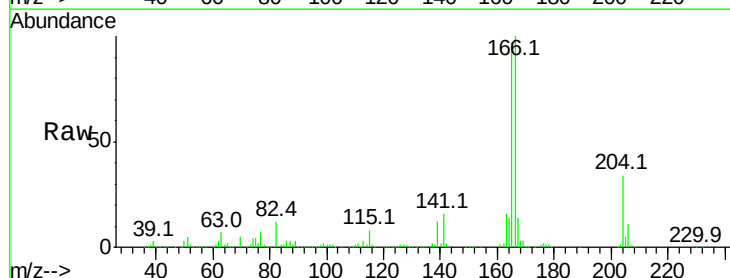
Tgt Ion:204 Resp: 522415

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

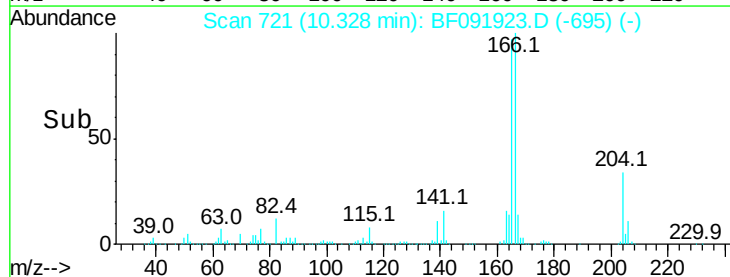
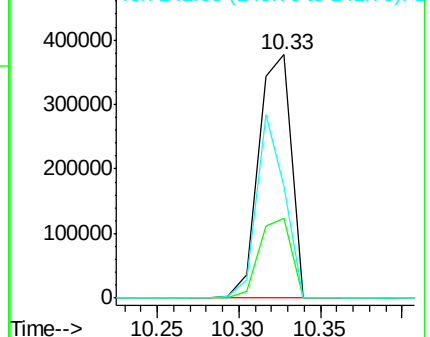
141 45.9 59.4 89.0#

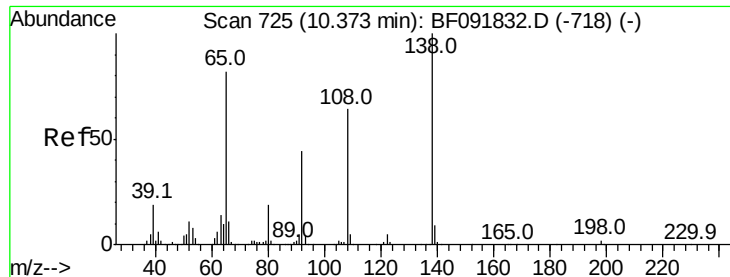


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

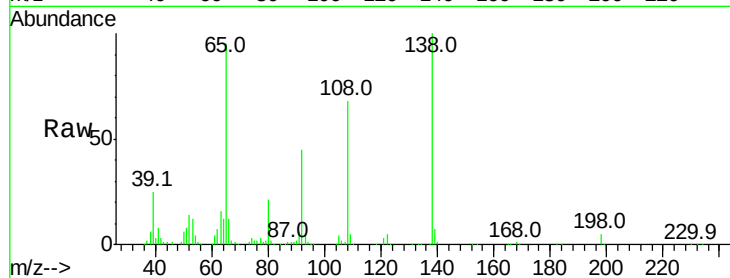




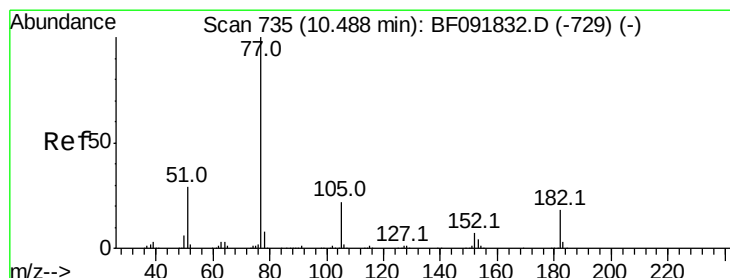
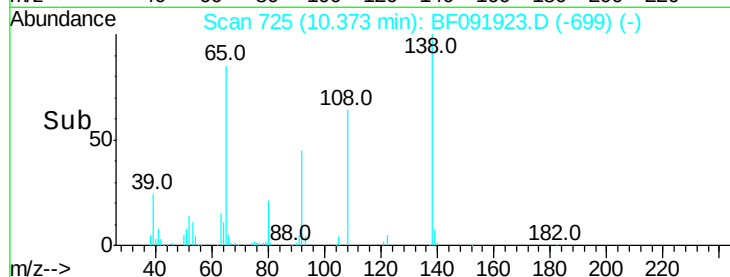
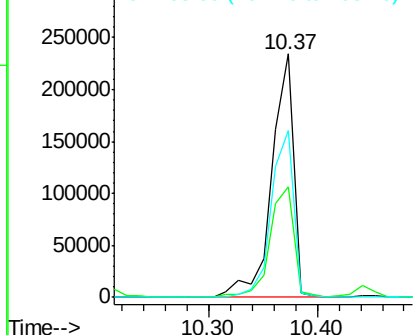
#61
4-Nitroaniline
Concen: 41.71 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tot Ion:138 Resp: 326773
Ion Ratio Lower Upper
138 100
92 45.4 31.7 71.7
108 68.5 52.6 92.6

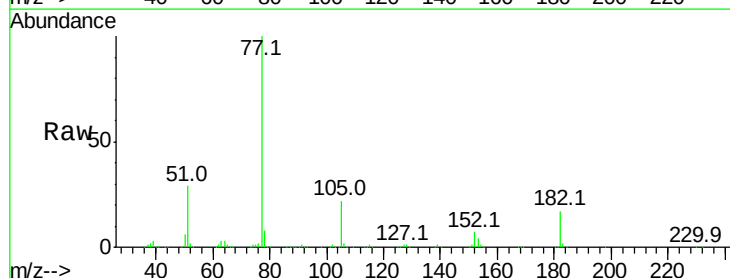


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

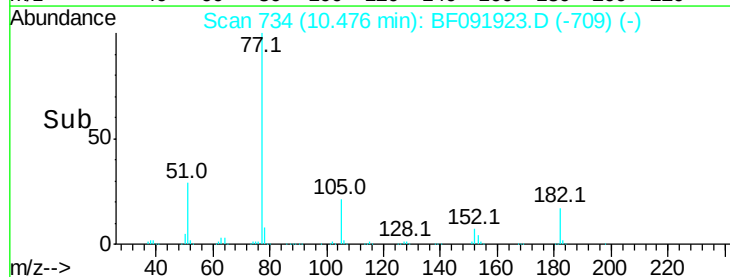
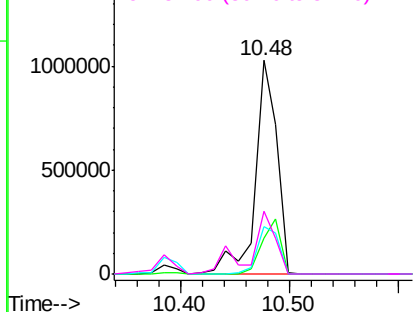


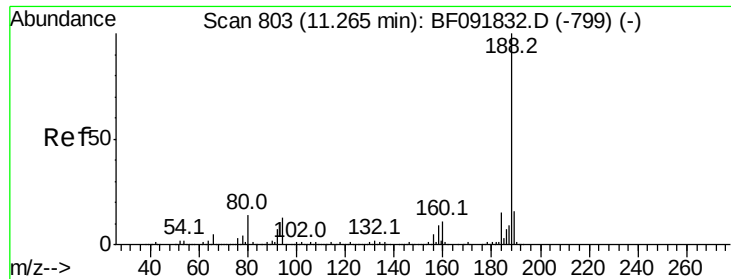
#62
Azobenzene
Concen: 48.23 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

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

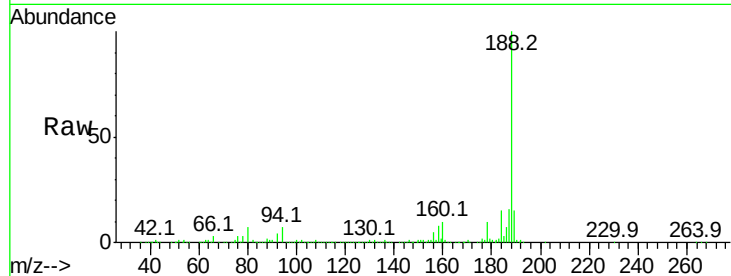
Tot Ion:188 Resp: 743540

Ion Ratio Lower Upper

188 100

94 6.9 10.0 15.0#

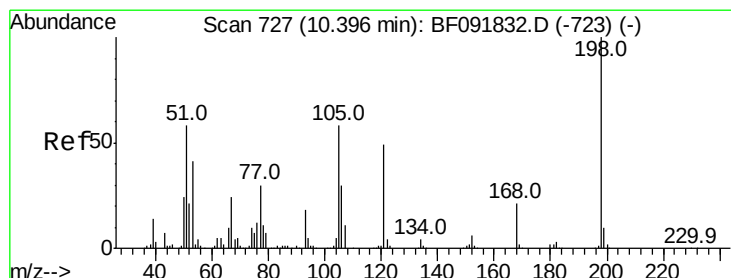
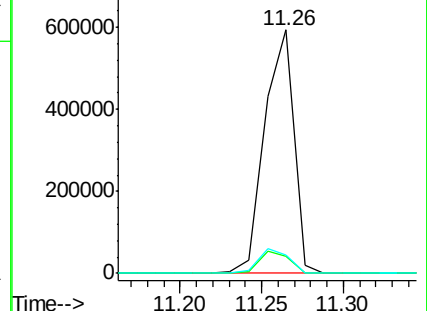
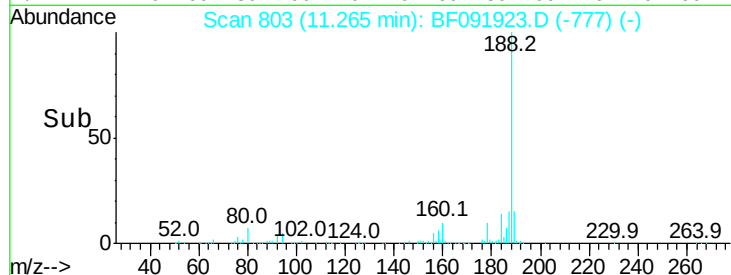
80 7.5 11.2 16.8#



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

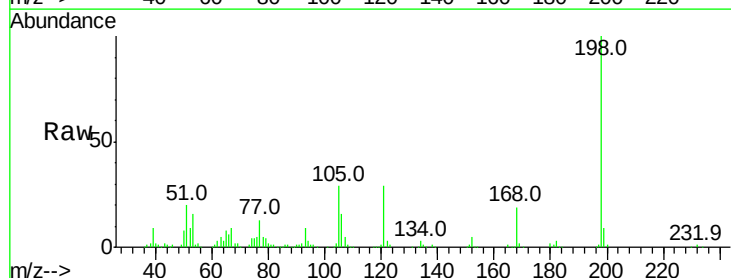
Tgt Ion:198 Resp: 225767

Ion Ratio Lower Upper

198 100

51 20.3 6.7 46.7

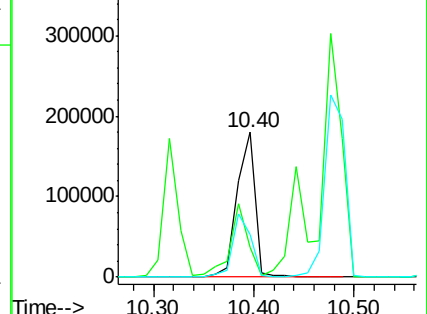
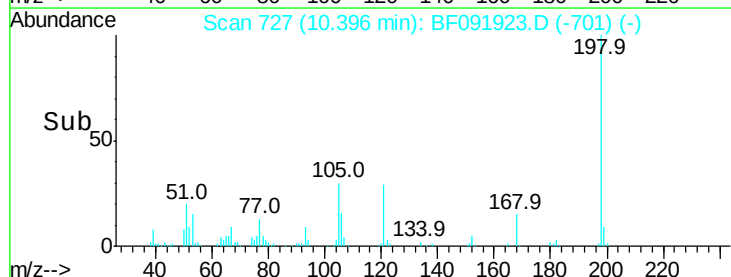
105 29.3 16.6 56.6

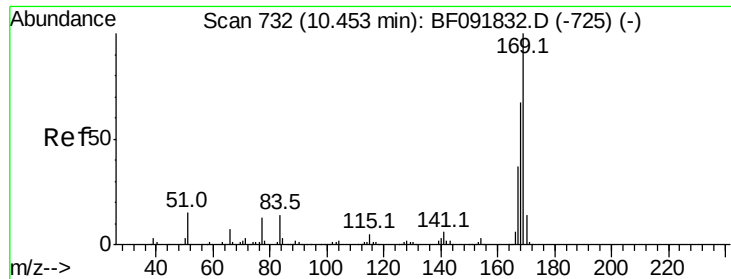


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

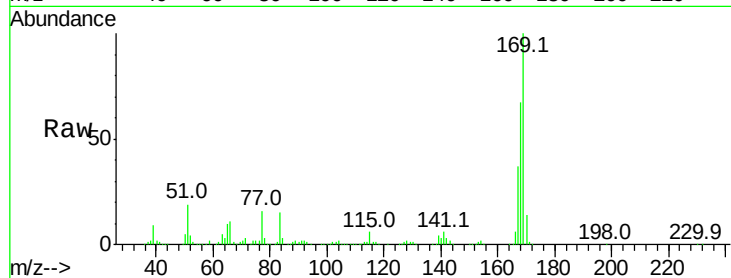




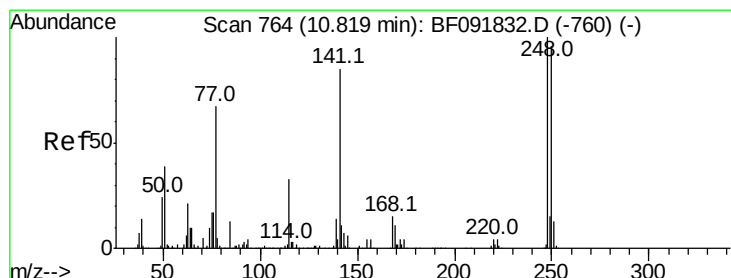
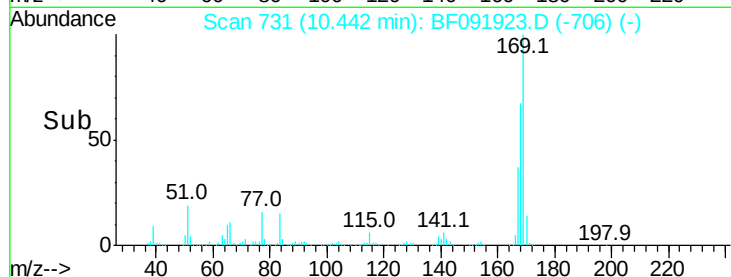
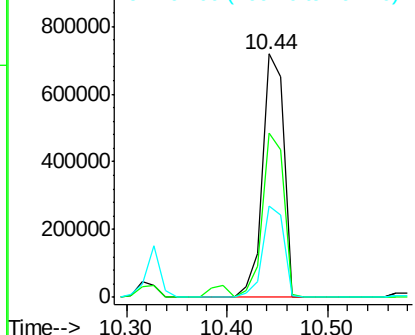
#65
n-Nitrosodiphenylamine
Concen: 47.98 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tot Ion:169 Resp: 1058537
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 37.4 30.2 45.4

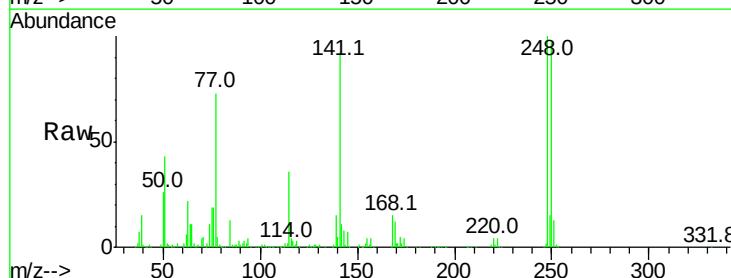


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

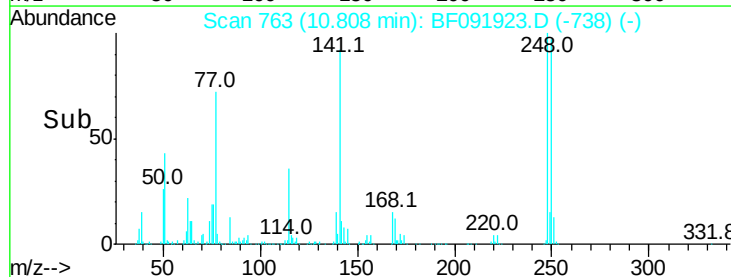
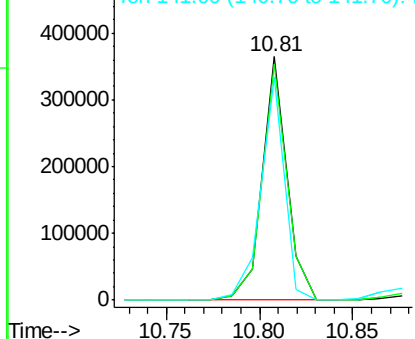


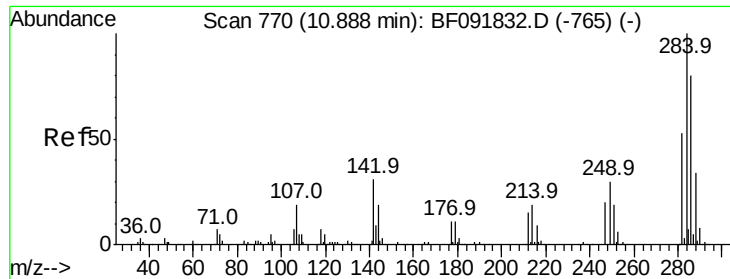
#66
4-Bromophenyl-phenylether
Concen: 43.09 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

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

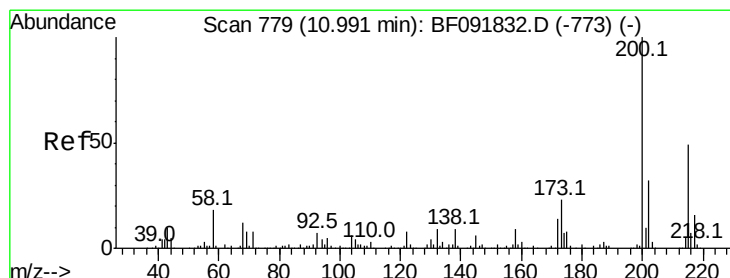
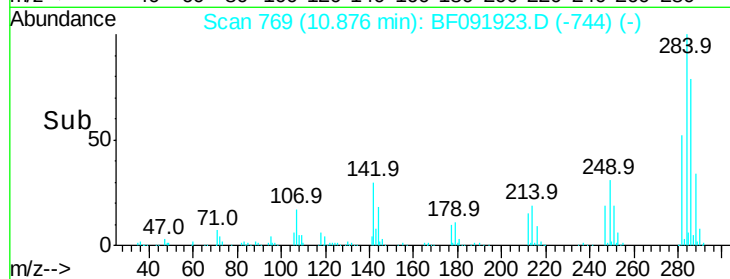
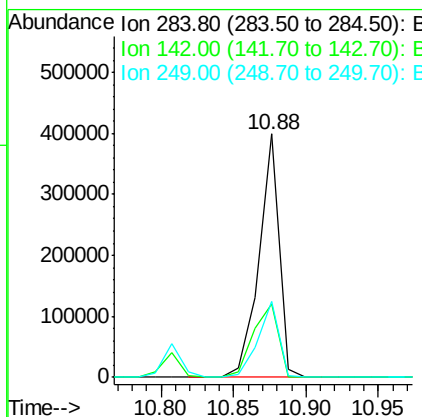
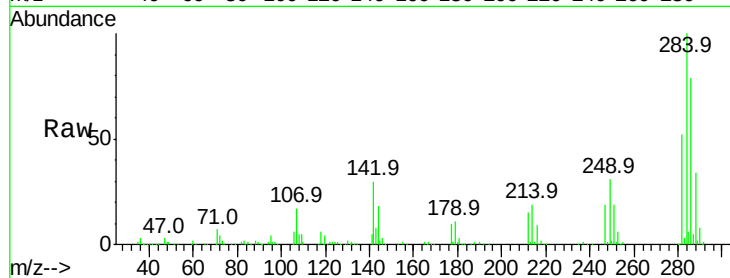




#67
Hexachlorobenzene
Concen: 46.41 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

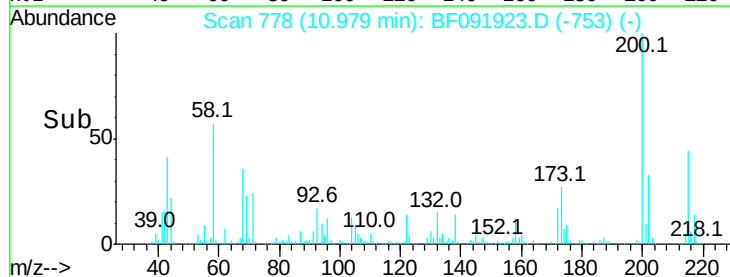
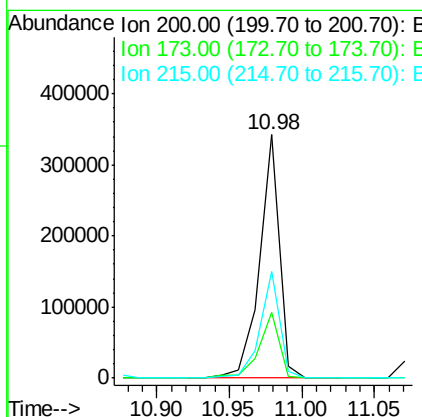
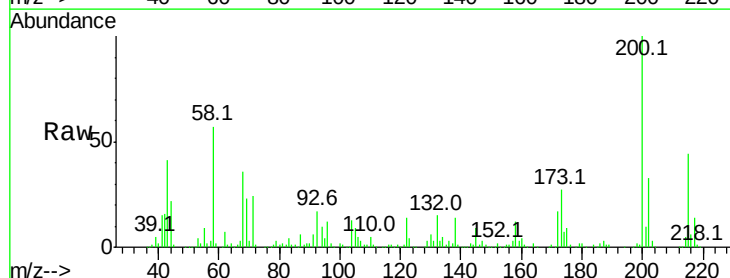
Instrument :
BNA_F
ClientSampleId :
PB95610BS

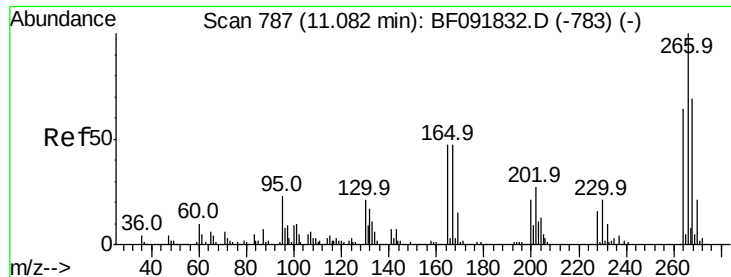
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.1	22.6	33.8
249	31.1	25.4	38.0



#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	Ratio	Lower	Upper
200	100		
173	27.2	9.6	49.6
215	44.0	25.7	65.7

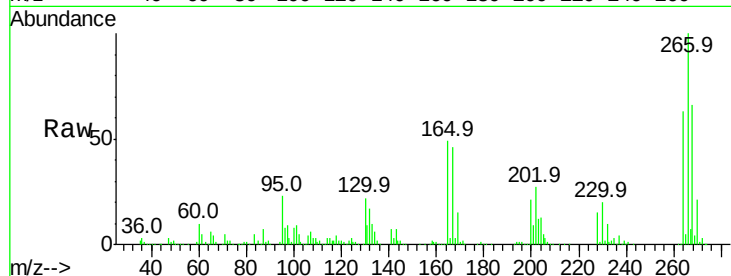




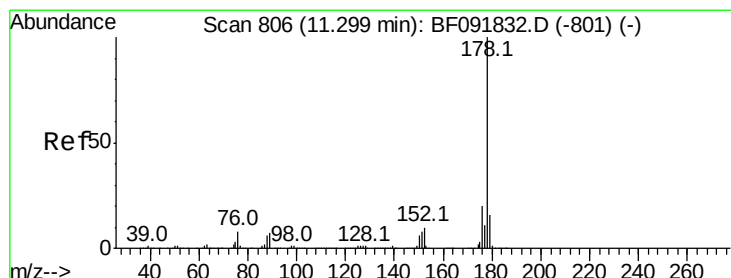
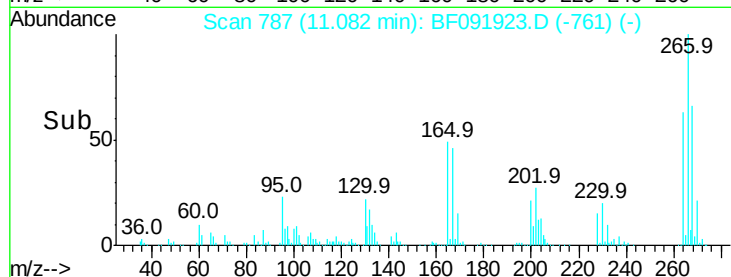
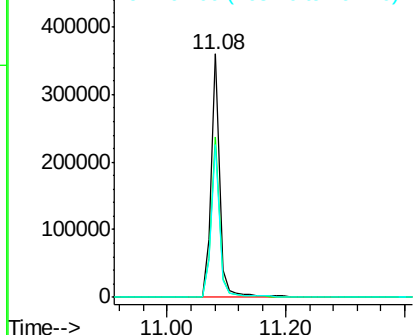
#69
 Pentachlorophenol
 Concen: 89.86 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	53.3	79.9
264	62.8	50.3	75.5

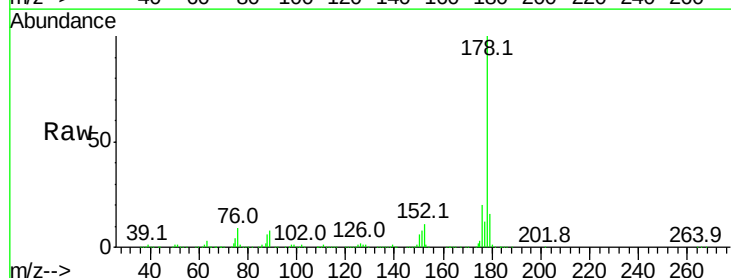


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

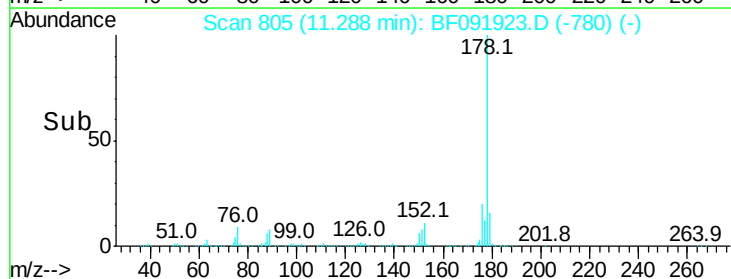
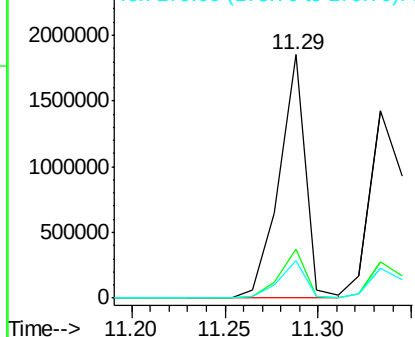


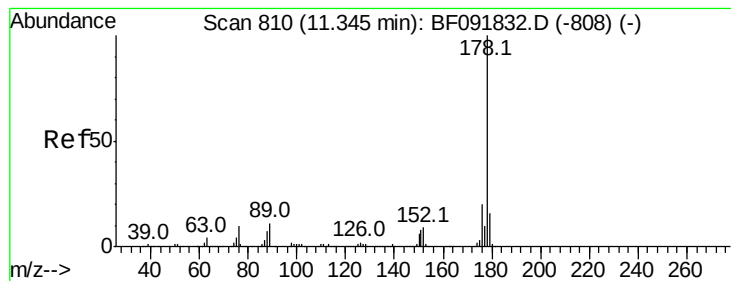
#70
 Phenanthrene
 Concen: 45.13 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

Tgt Ion	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

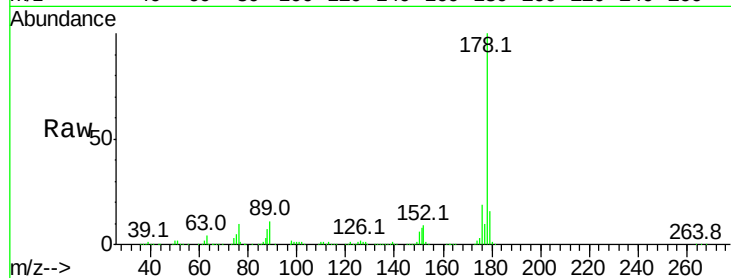
Tot Ion:178 Resp: 1741682

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

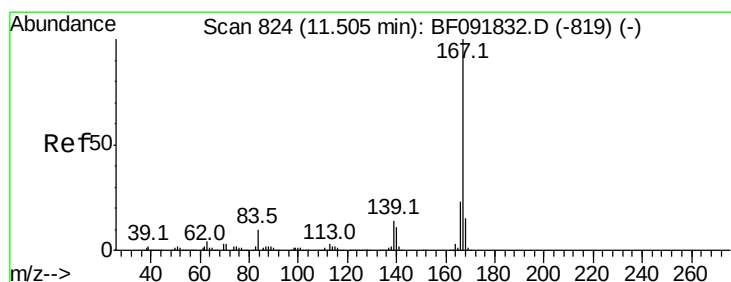
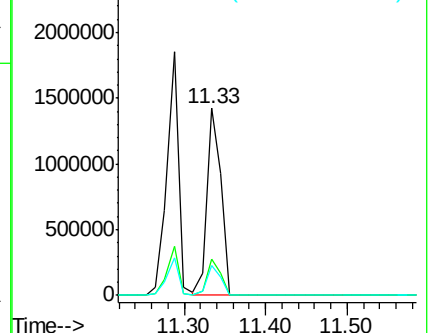
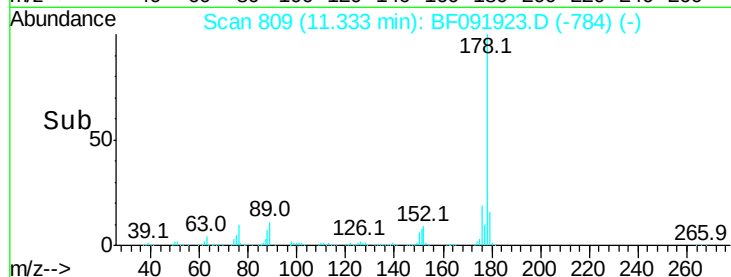
179 16.1 13.2 19.8



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

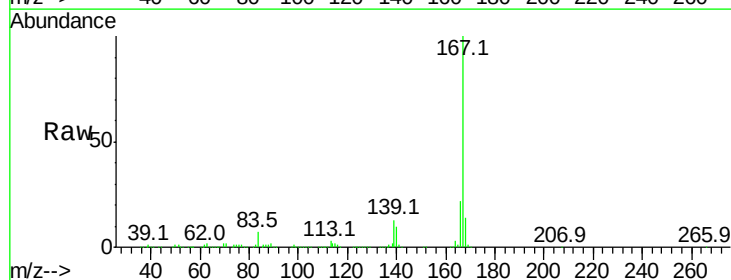
Tgt Ion:167 Resp: 1742325

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

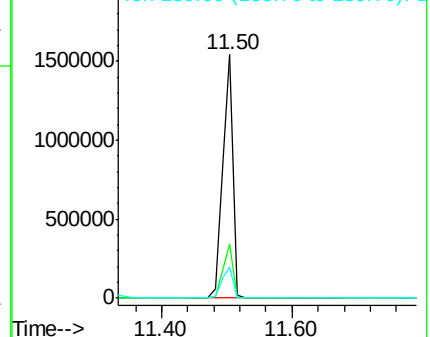
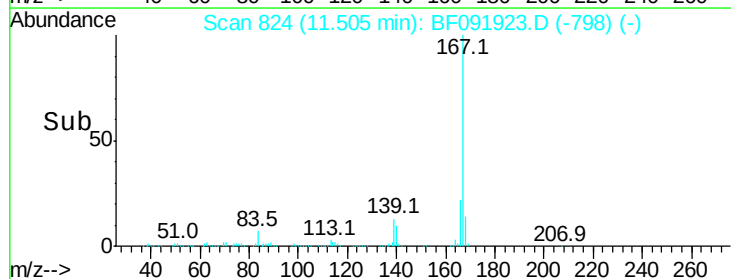
139 12.7 11.4 17.2

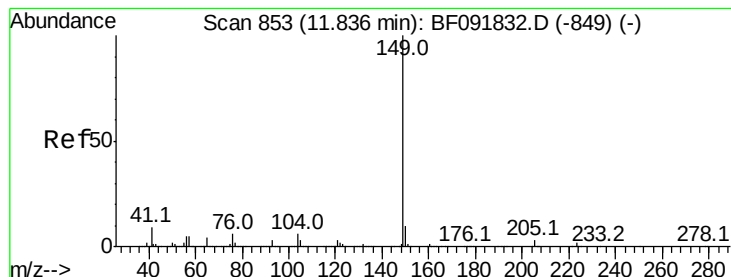


Abundance Ion 167.00 (166.70 to 167.70): E

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

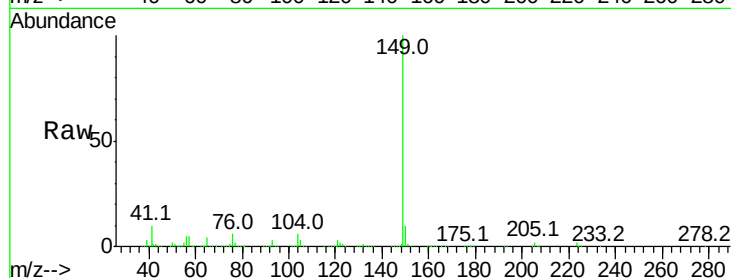
Tot Ion:149 Resp: 1806584

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

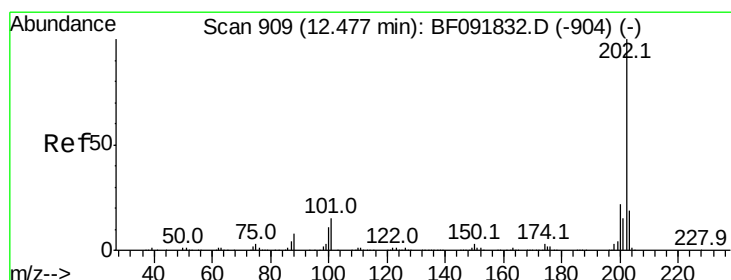
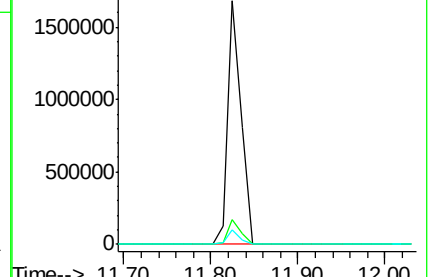
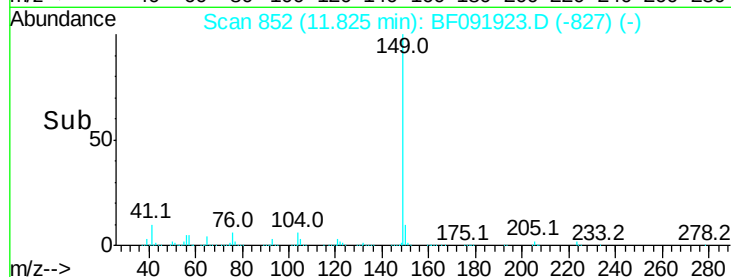
104 5.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

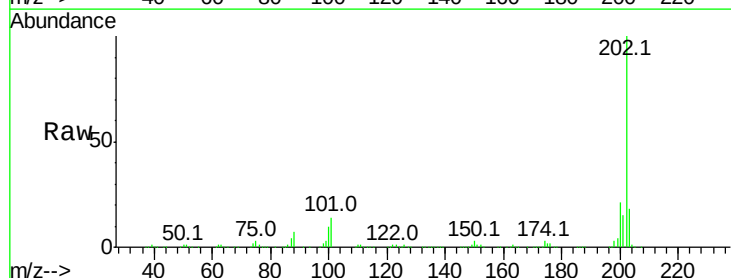
Tgt Ion:202 Resp: 1737815

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

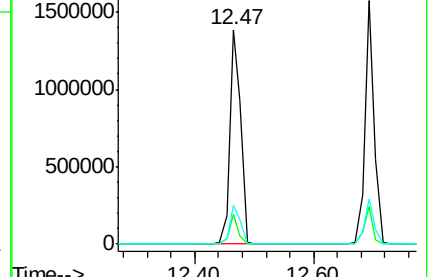
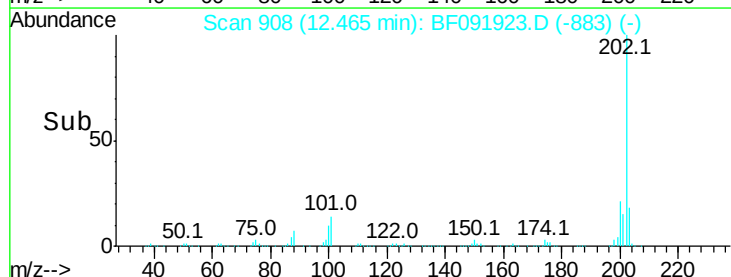
203 17.9 0.0 38.7

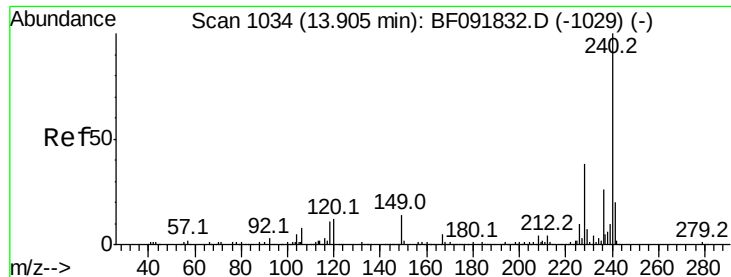


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB95610BS

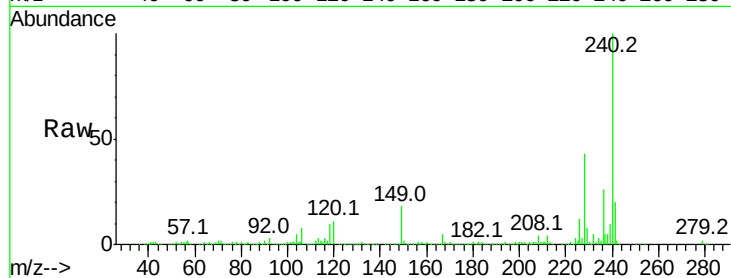
Tot Ion:240 Resp: 554648

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

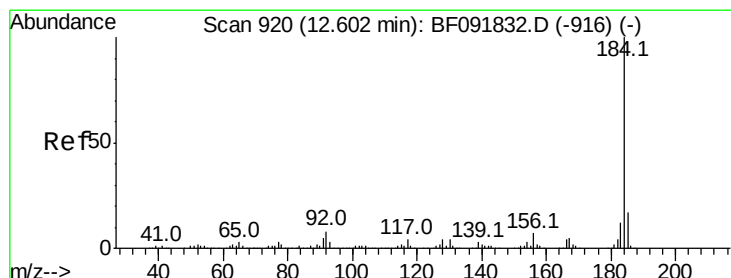
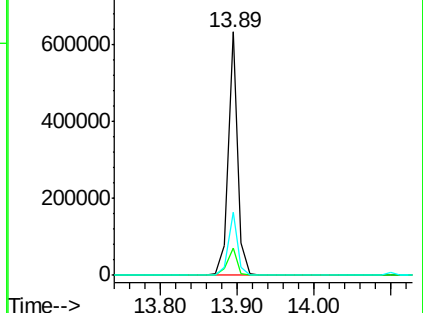
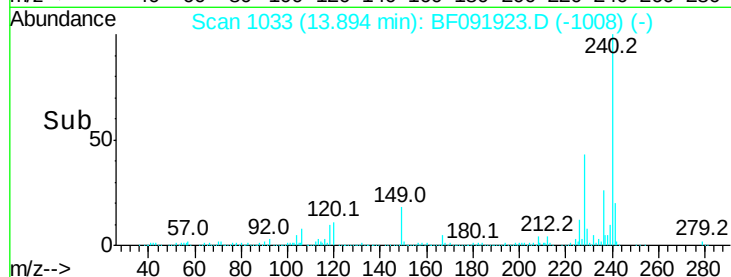
236 26.0 20.9 31.3



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

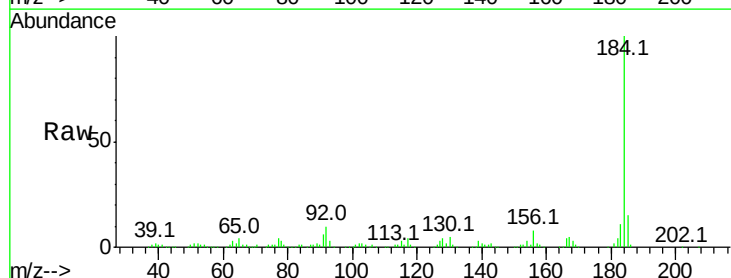
Tgt Ion:184 Resp: 438689

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

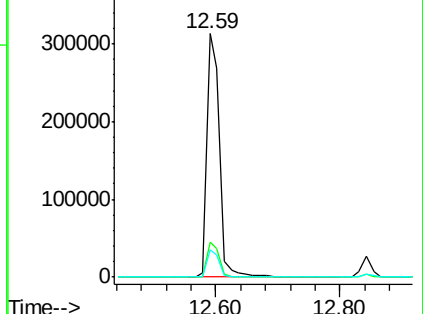
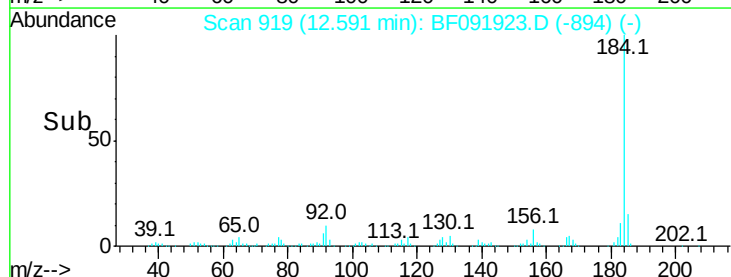
183 11.3 9.2 13.8

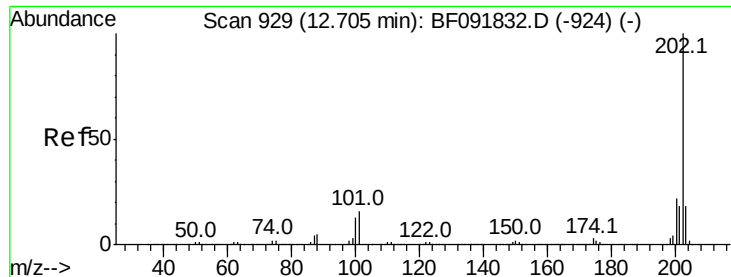


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



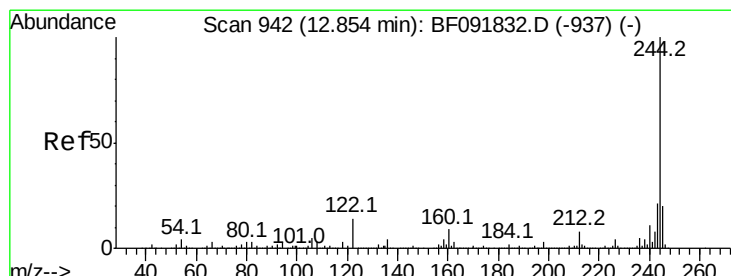
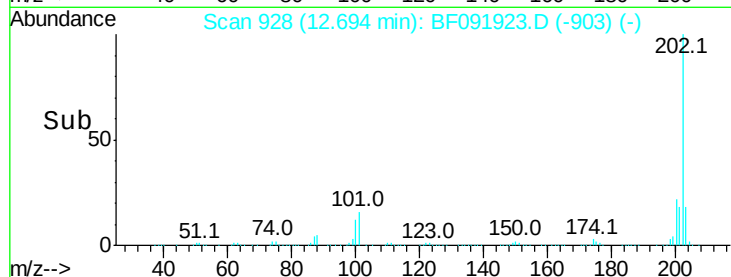
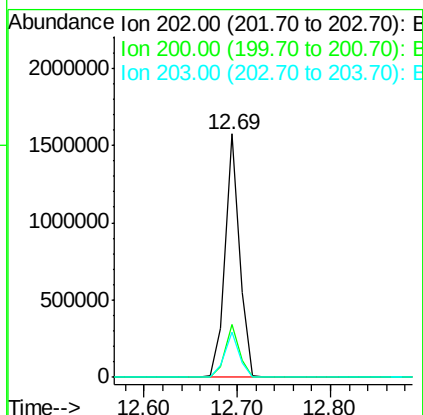
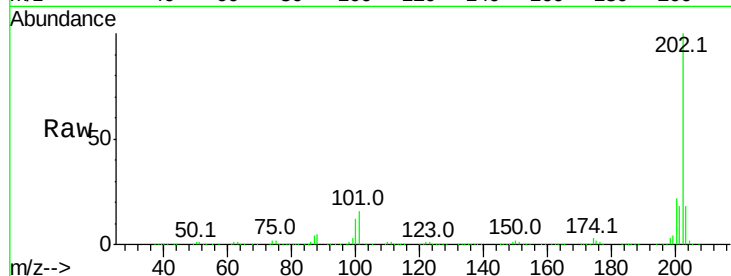


#77
Pvrene
Concen: 41.70 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tot Ion:202 Resp: 1696842

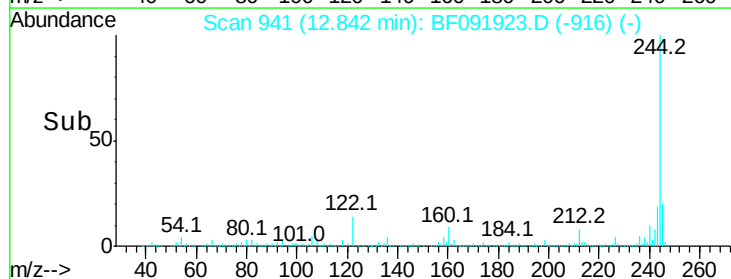
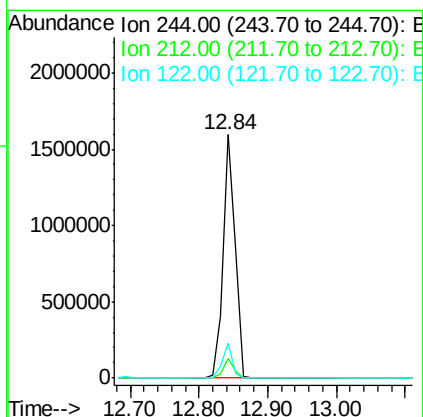
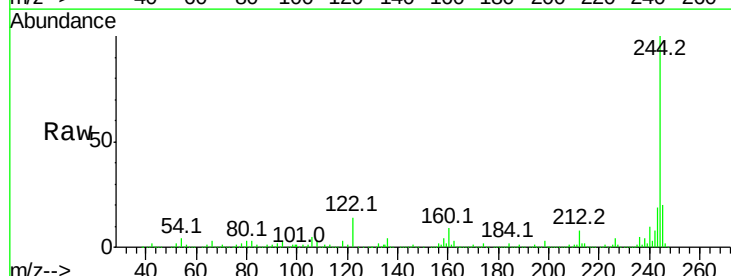
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.4	14.7	22.1

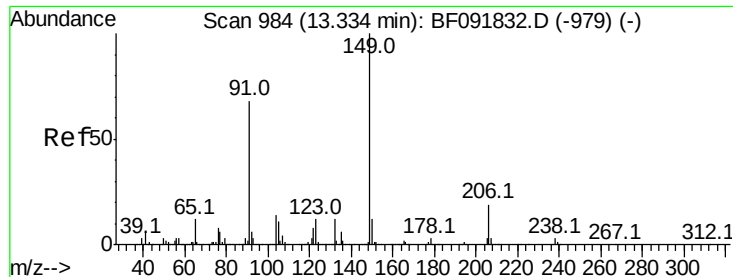


#78
Terphenyl-d14
Concen: 86.04 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

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

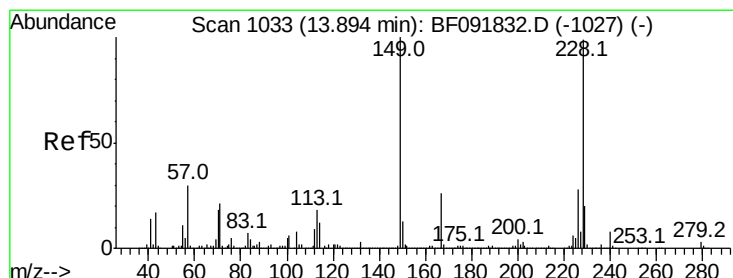
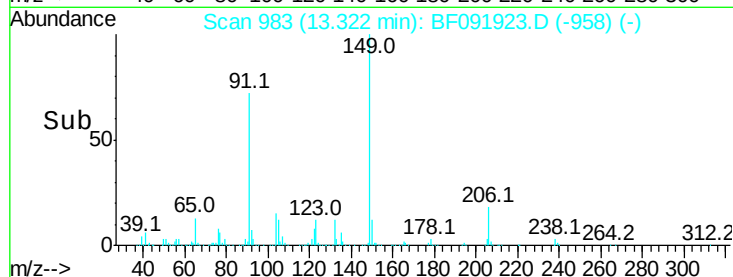
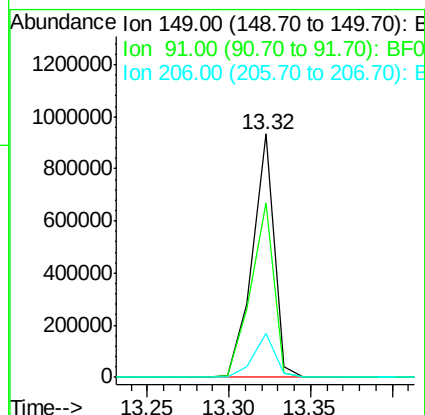
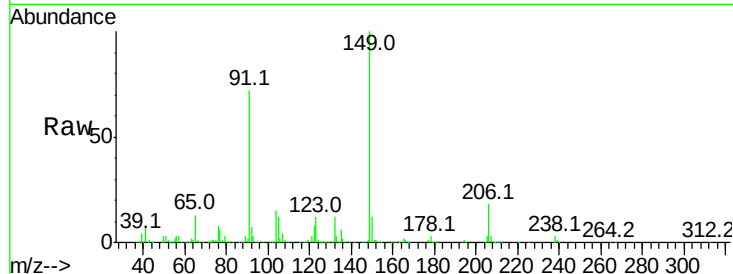




#79
Butylbenzylphthalate
Concen: 46.98 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

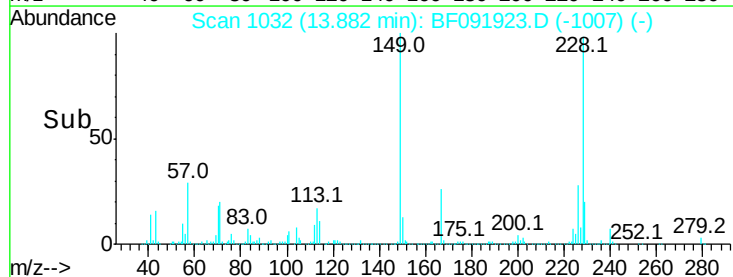
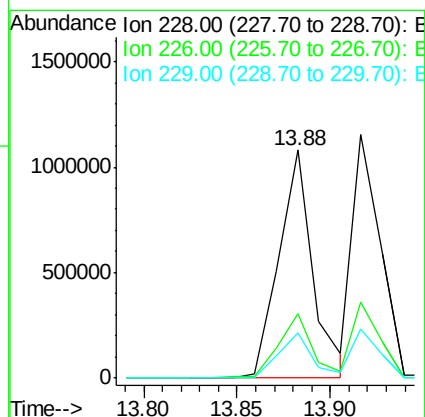
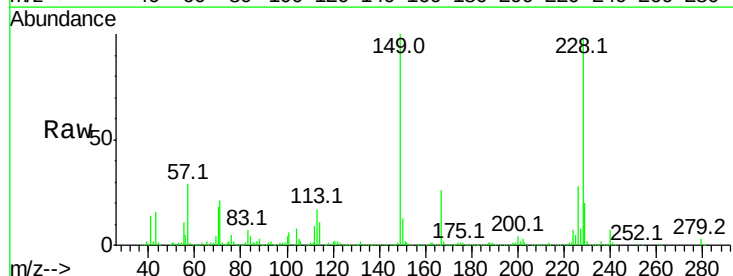
Instrument :
BNA_F
ClientSampleId :
PB95610BS

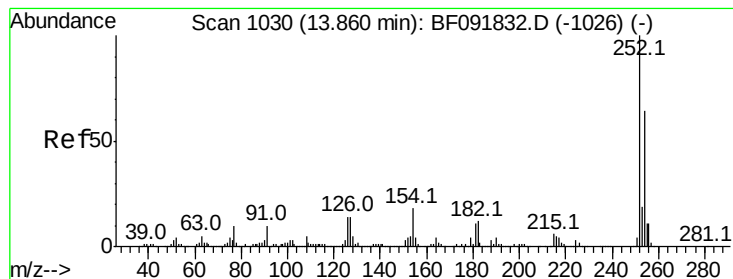
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.8	63.9	95.9
206	18.3	14.6	21.8



#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	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.1	16.2	24.4

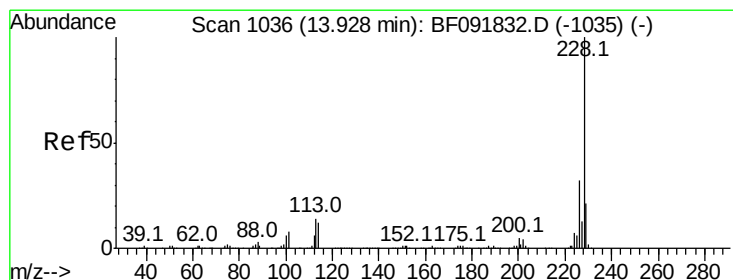
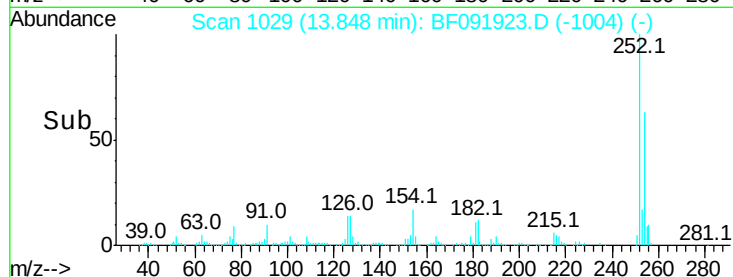
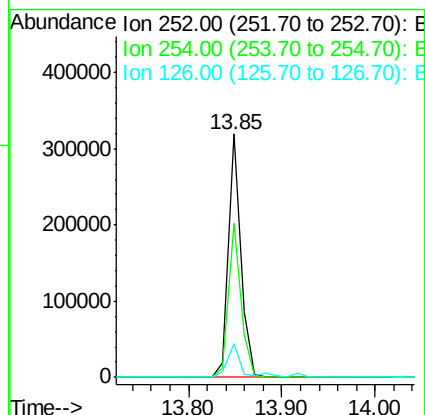
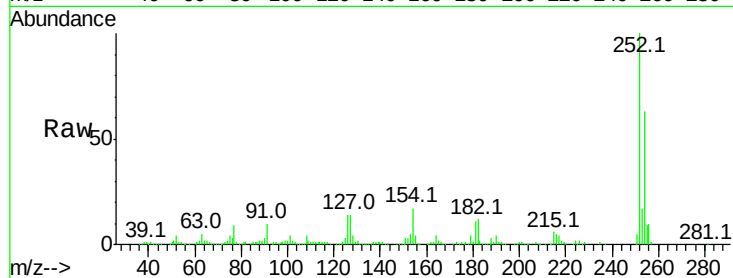




#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

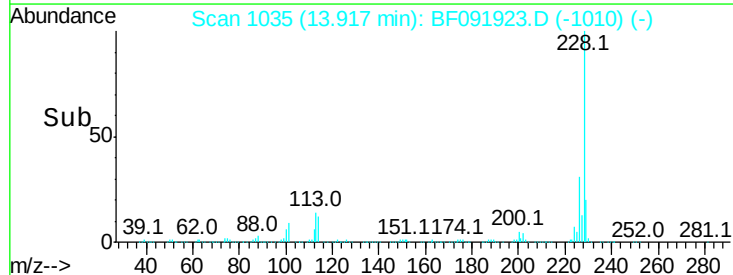
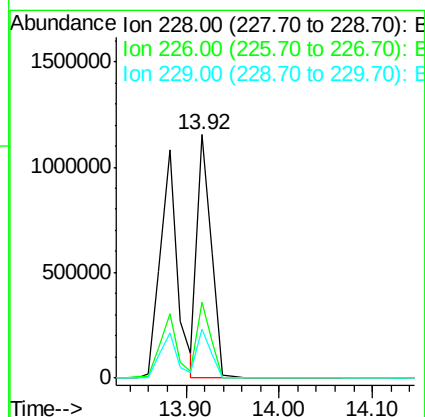
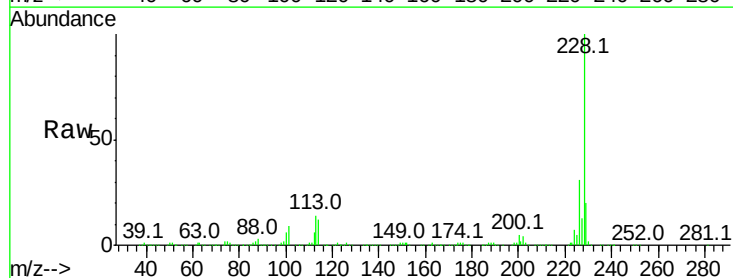
Instrument :
 BNA_F
 ClientSampleId :
 PB95610BS

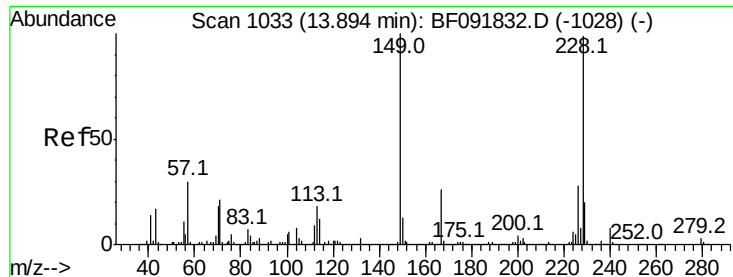
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.3	78.5
126	14.1	13.6	20.4



#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	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.3	16.2	24.2

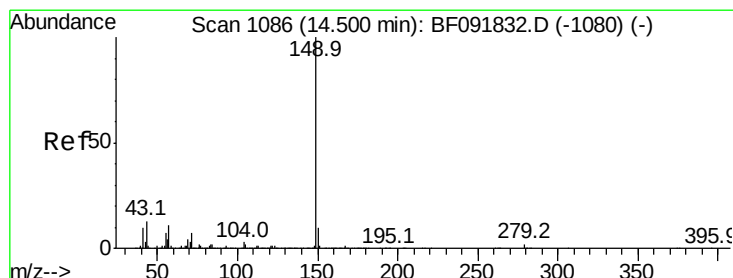
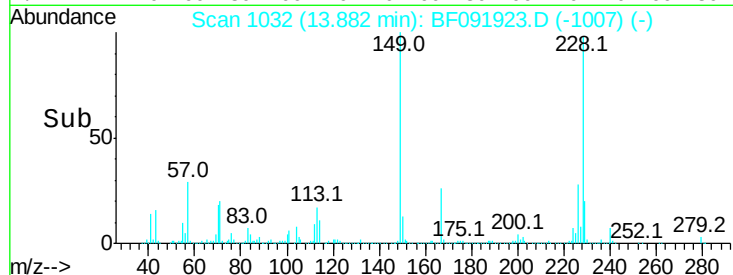
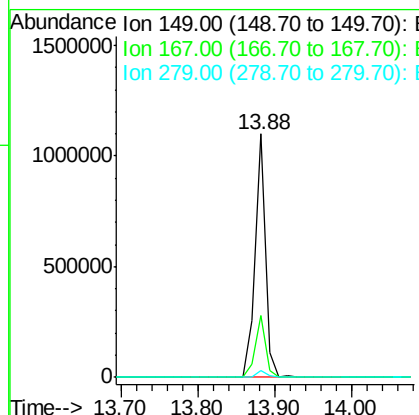
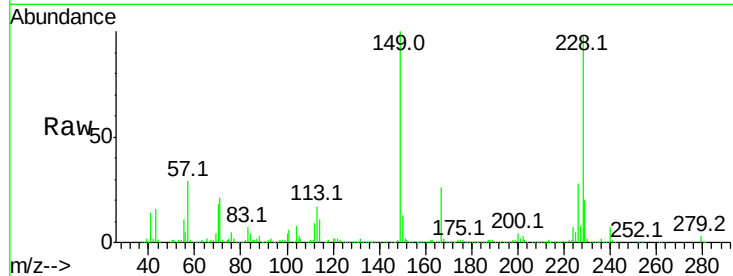




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.93 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091923.D
 Acq: 23 Dec 2016 15:00

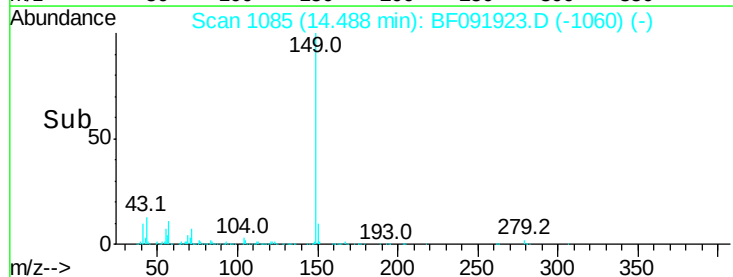
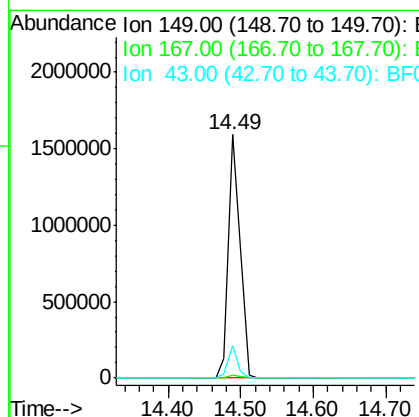
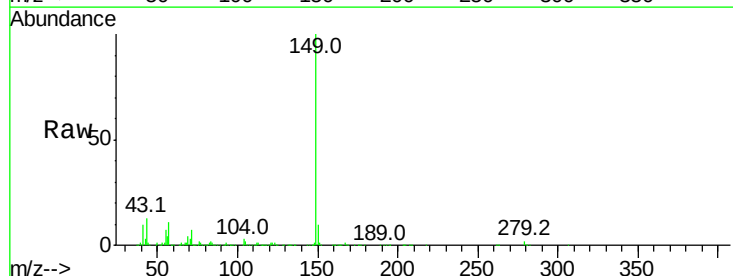
Instrument :
 BNA_F
 ClientSampled :
 PB95610BS

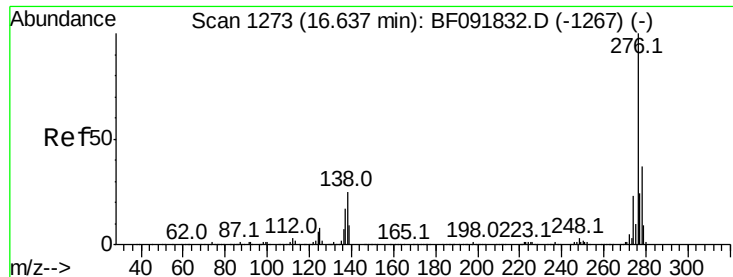
Tot Ion:149 Resp: 1023000
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 2.8 1.8 2.8#



#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





#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 :

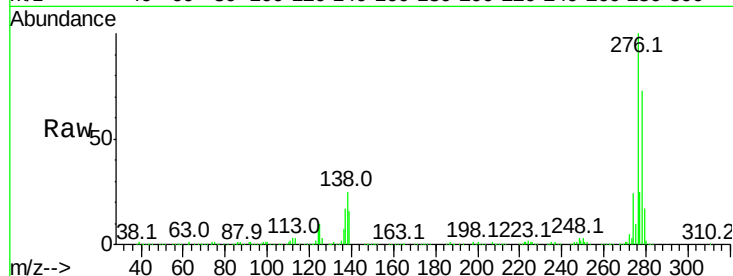
BNA_F

ClientSampleId :

PB95610BS

Tot Ion:276 Resp: 1155895

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.6
277	24.8	20.2	30.4

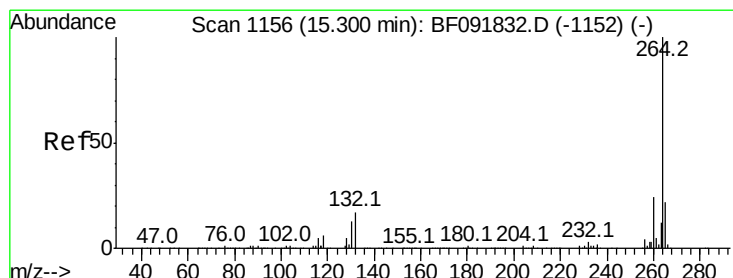
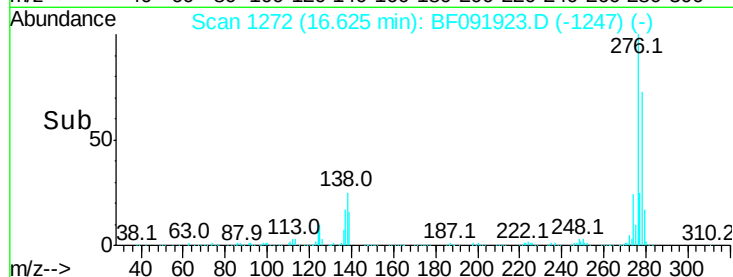
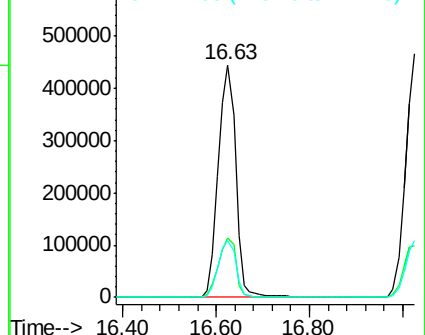


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

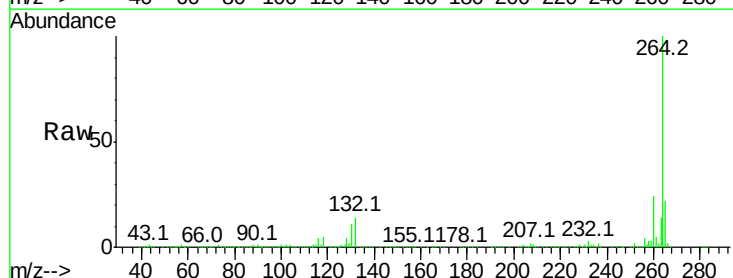
Delta R.T. -0.01 min

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

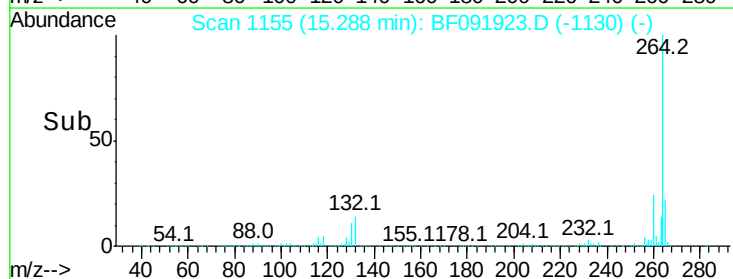
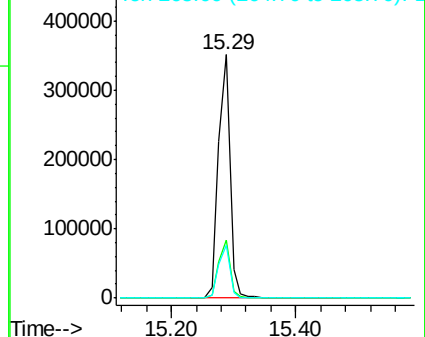


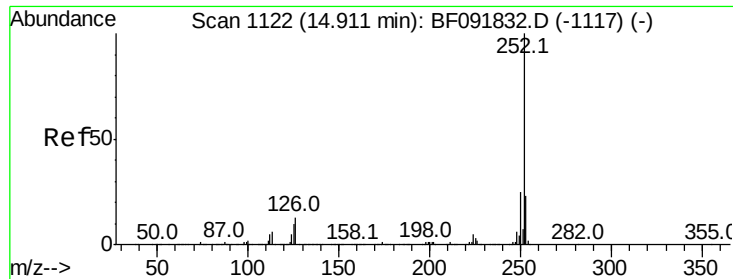
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.97 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

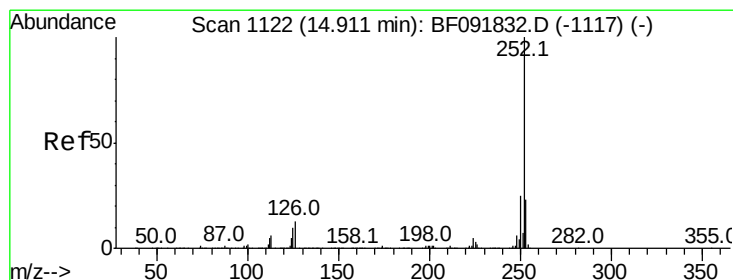
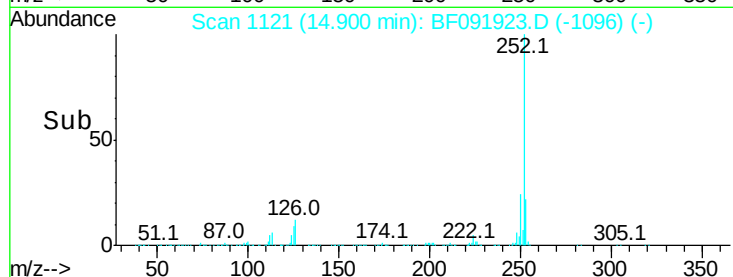
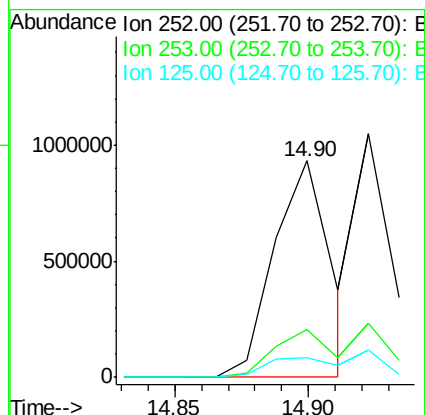
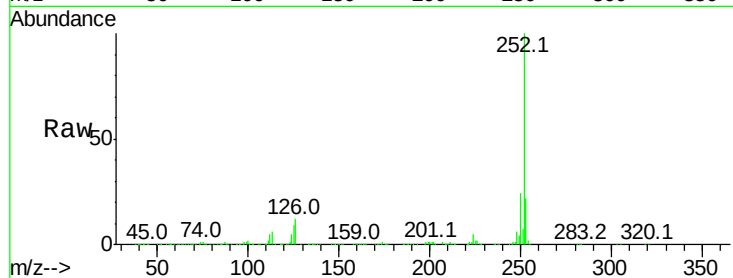
Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB95610BS

Tot Ion:252 Resp: 1361107

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.1	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 41.52 ng m

RT: 14.92 min Scan# 1123

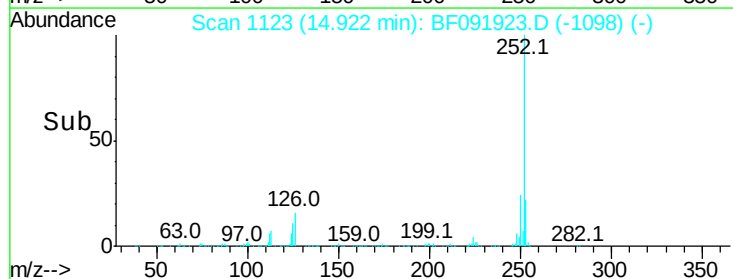
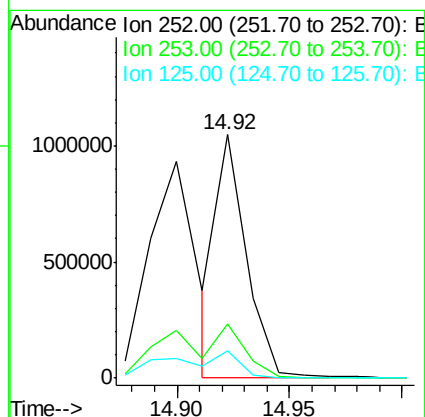
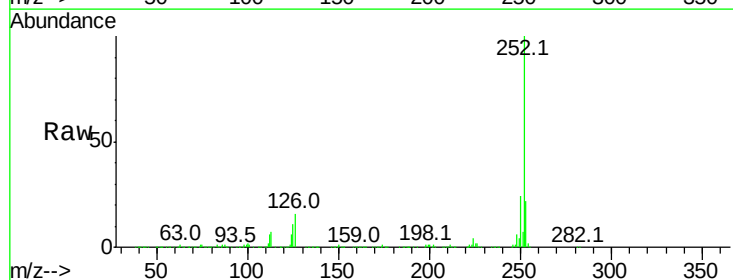
Delta R.T. -0.01 min

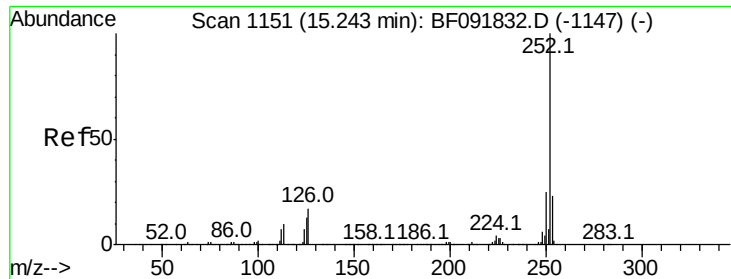
Lab File: BF091923.D

Acq: 23 Dec 2016 15:00

Tgt Ion:252 Resp: 984071

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	11.3	8.9	13.3

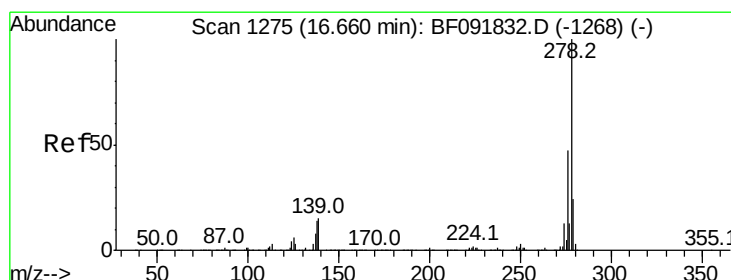
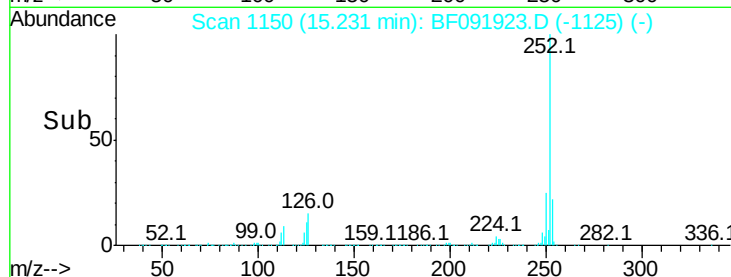
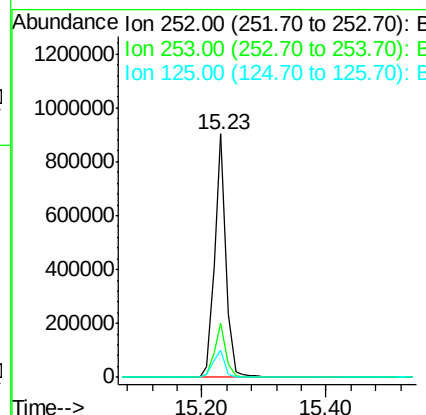
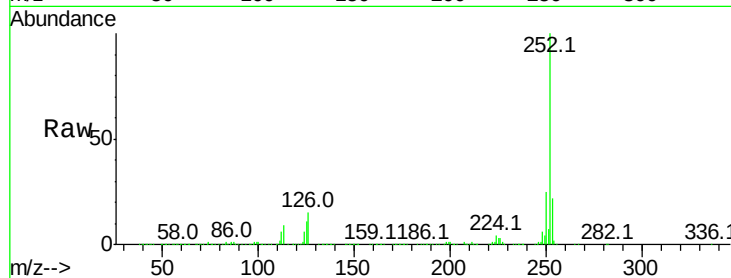




#89
Benzo(a)pyrene
Concen: 45.45 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091923.D
Acq: 23 Dec 2016 15:00

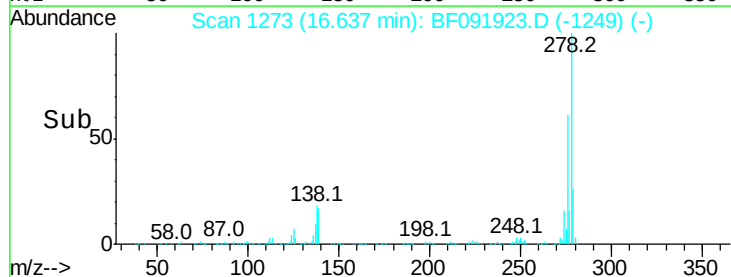
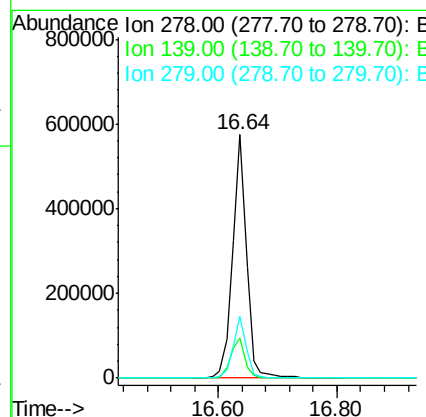
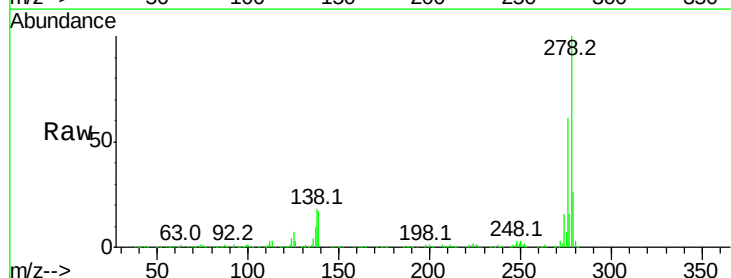
Instrument :
BNA_F
ClientSampleId :
PB95610BS

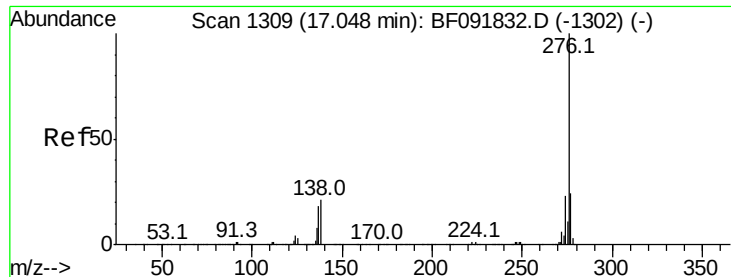
Tot Ion:252 Resp: 1121356
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.3 10.0 15.0



#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(a,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

Tot Ion: 276 Resp: 994523
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.2 28.8
 138 21.3 16.0 24.0

