

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091833.D
 Acq On : 21 Dec 2016 14:05
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 21 14:33:41 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 14:14:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	278744	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1138539	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	566168	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	919669	20.00	ng	0.00
75) Chrysene-d12	13.91	240	649626	20.00	ng	0.00
86) Perylene-d12	15.30	264	556739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1548137	93.05	ng	0.00
7) Phenol-d6	6.41	99	1842634	90.81	ng	0.00
23) Nitrobenzene-d5	7.32	82	1862191	94.32	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	403255	84.00	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2573660	91.32	ng	0.00
78) Terphenyl-d14	12.85	244	2375181	92.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	397950	48.57	ng	99
3) Pyridine	2.98	79	1425853	54.02	ng	99
4) n-Nitrosodimethylamine	2.94	42	549247	53.77	ng	100
6) Aniline	6.42	93	1198475	45.90	ng	91
8) 2-Chlorophenol	6.54	128	908477	49.61	ng	89
9) Benzaldehyde	6.29	77	514819	40.91	ng	96
10) Phenol	6.42	94	1035904	45.29	ng	97
11) bis(2-Chloroethyl)ether	6.50	93	922388	50.50	ng	93
12) 1,3-Dichlorobenzene	6.77	146	987871	49.12	ng	98
13) 1,4-Dichlorobenzene	6.77	146	987871	48.55	ng	93
14) 1,2-Dichlorobenzene	6.92	146	793458	44.51	ng	97
15) Benzyl Alcohol	6.91	79	762120	48.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1298968	46.54	ng	83
17) 2-Methylphenol	7.02	107	699981	45.74	ng	95
18) Hexachloroethane	7.26	117	378010	50.00	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	611219	45.29	ng	96
20) 3+4-Methylphenols	7.18	107	873233	51.15	ng	# 76
22) Acetophenone	7.17	105	1265827	46.05	ng	98
24) Nitrobenzene	7.34	77	1045177	49.30	ng	95
25) Isophorone	7.58	82	1719552	45.65	ng	96
26) 2-Nitrophenol	7.65	139	476566	46.60	ng	94
27) 2,4-Dimethylphenol	7.71	122	859970	51.54	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	1085025	49.23	ng	99
29) 2,4-Dichlorophenol	7.90	162	683726	44.43	ng	90
30) 1,2,4-Trichlorobenzene	7.98	180	793448	47.58	ng	96
31) Naphthalene	8.06	128	2590314	47.62	ng	99
32) Benzoic acid	7.87	122	694436	58.40	ng	95
33) 4-Chloroaniline	8.12	127	1109134	48.41	ng	# 92
34) Hexachlorobutadiene	8.18	225	409042	43.62	ng	99
35) Caprolactam	8.51	113	238539	48.18	ng	# 75
36) 4-Chloro-3-methylphenol	8.61	107	846633	49.87	ng	95
37) 2-Methylnaphthalene	8.75	142	1487266	43.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	702618	49.79	ng	98
40) Hexachlorocyclopentadiene	8.91	237	303877	50.80	ng	98

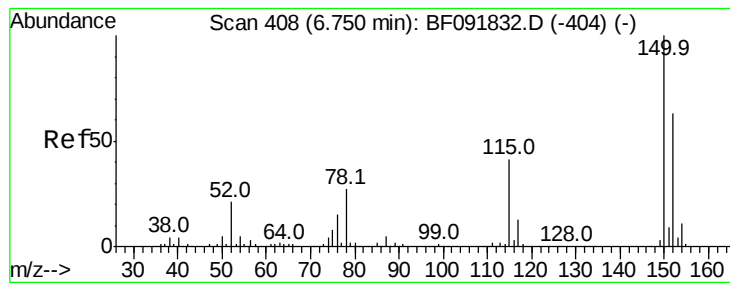
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.04	196	495215	49.11	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	500476	50.52	nq #	91
45) 1,1'-Biphenyl	9.22	154	1961556	48.34	nq	99
46) 2-Chloronaphthalene	9.24	162	1498022	49.40	nq	96
47) 2-Nitroaniline	9.34	65	576601	55.69	nq #	81
48) Acenaphthylene	9.65	152	2105308	44.81	nq	100
49) Dimethylphthalate	9.53	163	1678614	45.39	nq	99
50) 2,6-Dinitrotoluene	9.58	165	348136	42.93	nq #	71
51) Acenaphthene	9.82	154	1445008	44.81	nq	99
52) 3-Nitroaniline	9.76	138	475509	47.10	nq	97
53) 2,4-Dinitrophenol	9.86	184	227412	51.92	nq #	63
54) Dibenzofuran	10.00	168	1745505	45.52	nq	97
55) 4-Nitrophenol	9.93	139	314375	44.84	nq	99
56) 2,4-Dinitrotoluene	9.98	165	458479	45.26	nq #	84
57) Fluorene	10.34	166	1424115	47.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	406415	49.62	nq	99
59) Diethylphthalate	10.22	149	1744683	47.99	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	617508	45.51	nq	97
61) 4-Nitroaniline	10.37	138	512377	53.57	nq	97
62) Azobenzene	10.49	77	1737734	44.93	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	272780	44.97	nq #	44
65) n-Nitrosodiphenylamine	10.45	169	1263738	44.25	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	427971	44.38	nq	98
67) Hexachlorobenzene	10.89	284	489594	48.45	nq	97
68) Atrazine	10.99	200	397984	46.12	nq	94
69) Pentachlorophenol	11.08	266	257384	47.20	nq	99
70) Phenanthrene	11.30	178	2353947	51.22	nq	99
71) Anthracene	11.34	178	2052125	42.16	nq	100
72) Carbazole	11.50	167	1925688	45.24	nq	100
73) Di-n-butylphthalate	11.84	149	2270654	41.61	nq	100
74) Fluoranthene	12.48	202	2087961	43.50	nq	100
76) Benzidine	12.60	184	796966	42.62	nq	98
77) Pyrene	12.70	202	2103725	44.84	nq	100
79) Butylbenzylphthalate	13.33	149	1055801	48.08	nq	92
80) Benzo(a)anthracene	13.89	228	1700538	45.76	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	598214	40.23	nq	98
82) Chrysene	13.93	228	1649983	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1176349	42.23	nq #	98
84) Di-n-octyl phthalate	14.50	149	2157398	42.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	1460425	38.56	nq	100
87) Benzo(b)fluoranthene	14.91	252	3063002	86.76	nq	98
88) Benzo(k)fluoranthene	14.91	252	3063002	123.66	nq	99
89) Benzo(a)pyrene	15.24	252	1452606	47.94	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	1203657	45.57	nq	98
91) Benzo(g,h,i)perylene	17.05	276	1262693	47.04	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

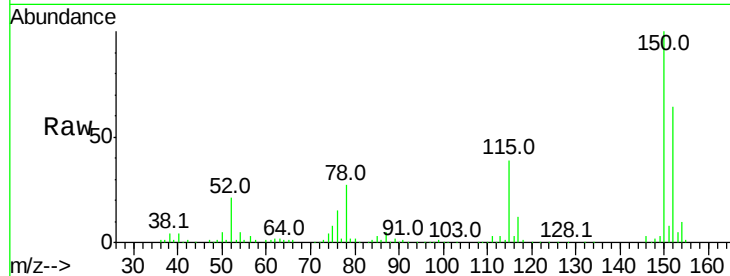
Tot Ion:152 Resp: 278744

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

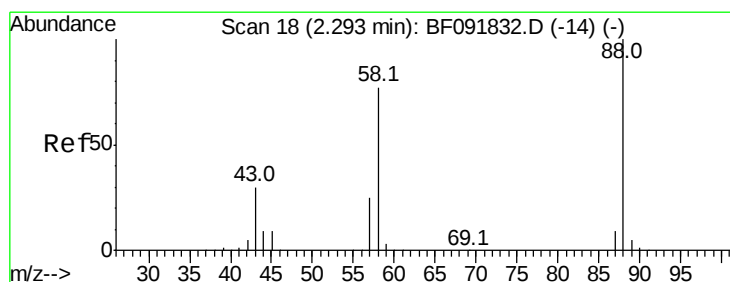
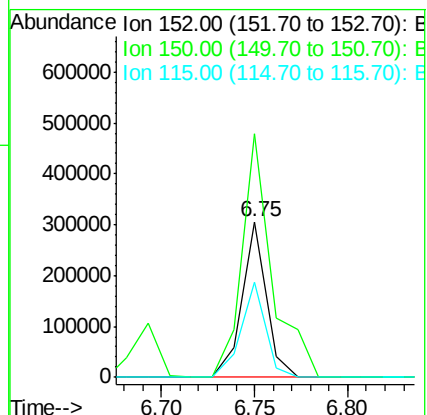
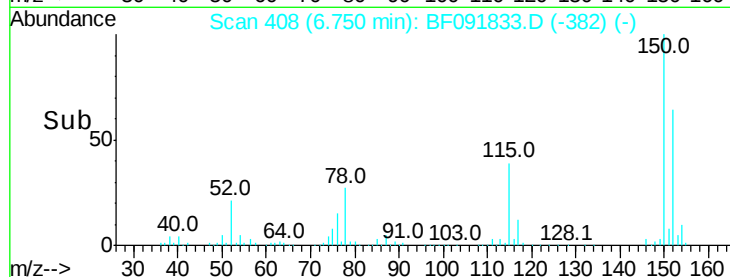
115 61.3 46.0 69.0



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: 48.57 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

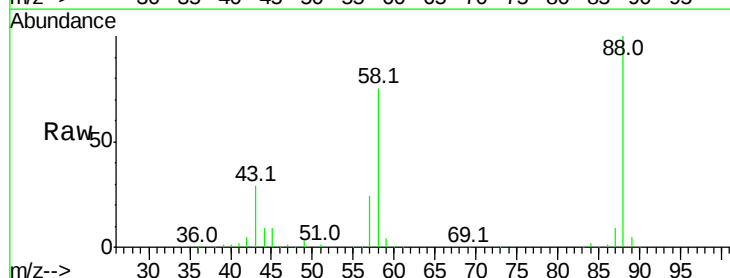
Tgt Ion: 88 Resp: 397950

Ion Ratio Lower Upper

88 100

58 73.1 57.8 86.8

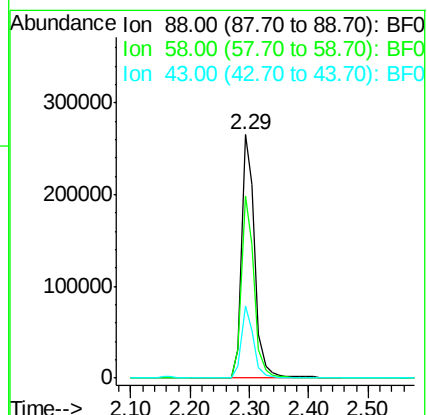
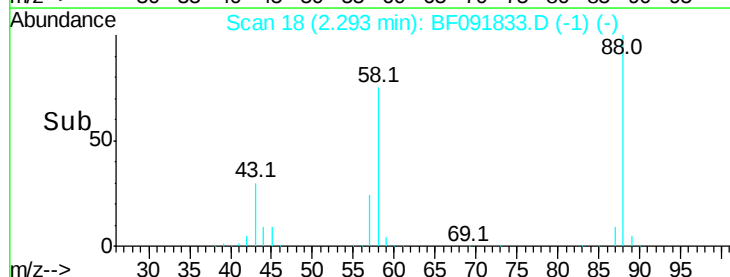
43 28.4 22.3 33.5

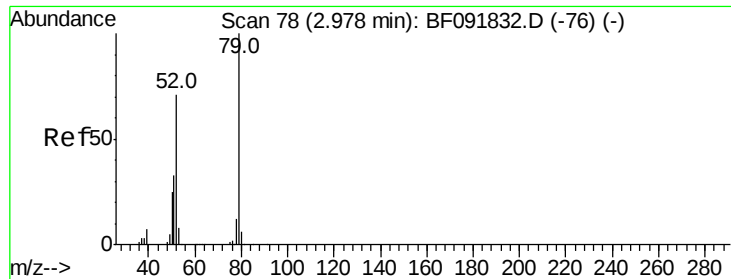


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 54.02 ng

RT: 2.98 min Scan# 78

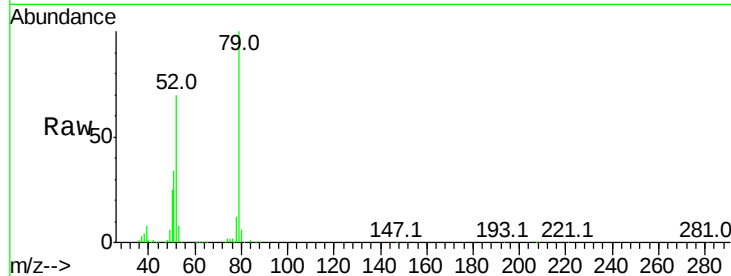
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion: 79 Resp: 1425853

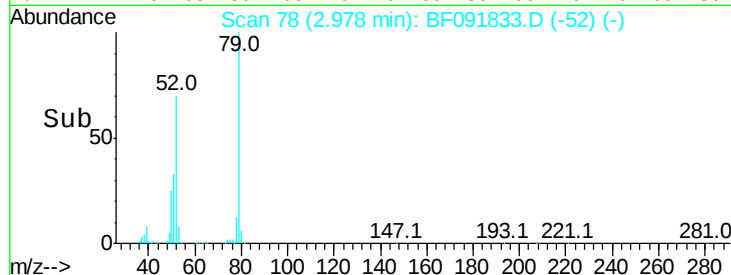
Ion	Ratio	Lower	Upper
79	100		
52	70.3	57.1	85.7
51	33.6	27.3	40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

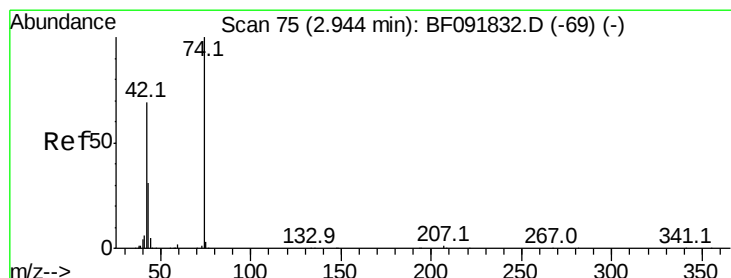
Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



2.98

Time-->



#4

n-Nitrosodimethylamine

Concen: 53.77 ng

RT: 2.94 min Scan# 75

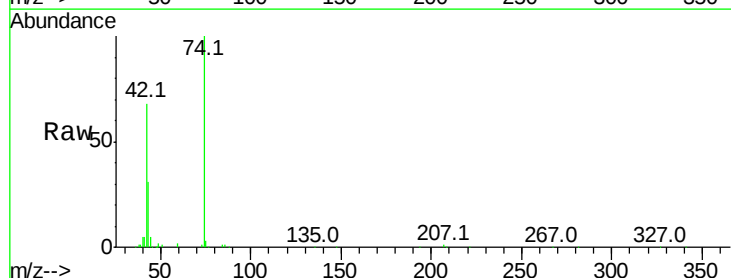
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion: 42 Resp: 549247

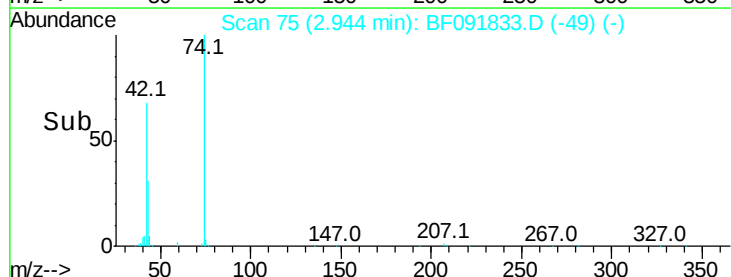
Ion	Ratio	Lower	Upper
42	100		
74	146.6	117.0	175.4
44	6.9	5.5	8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

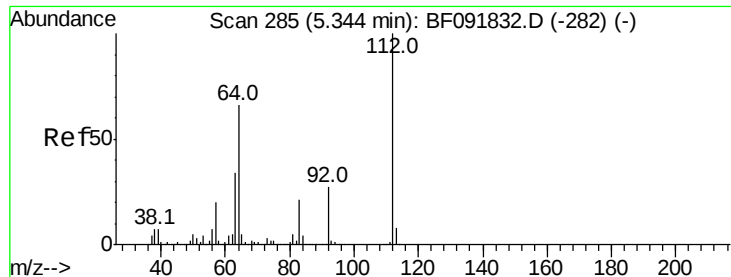
Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



2.94

Time-->



#5

2-Fluorophenol

Concen: 93.05 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

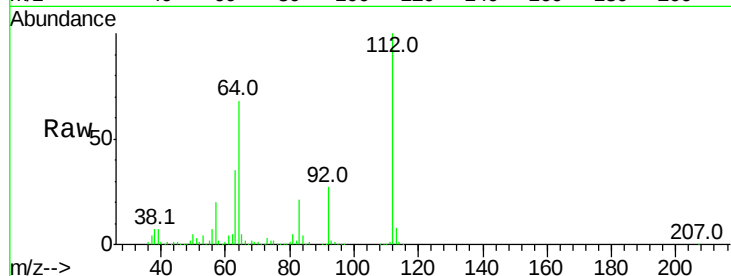
Tot Ion:112 Resp: 1548137

Ion Ratio Lower Upper

112 100

64 67.9 46.1 69.1

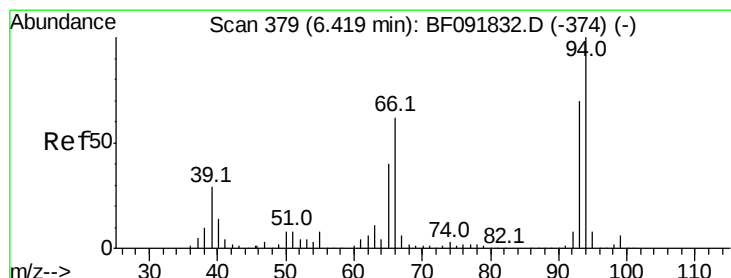
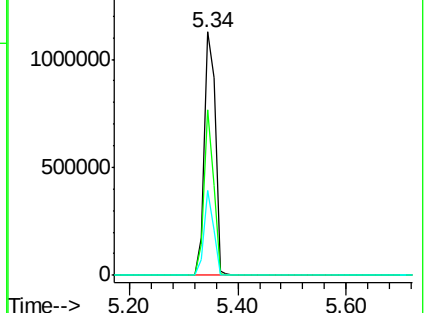
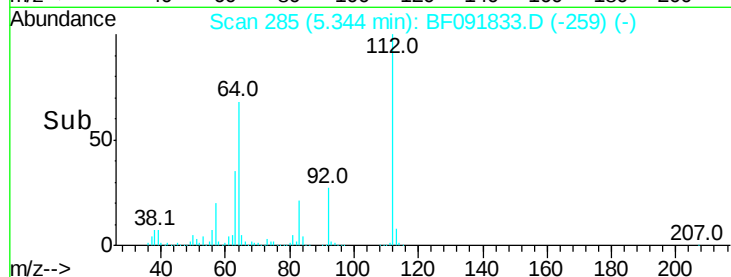
63 34.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 45.90 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

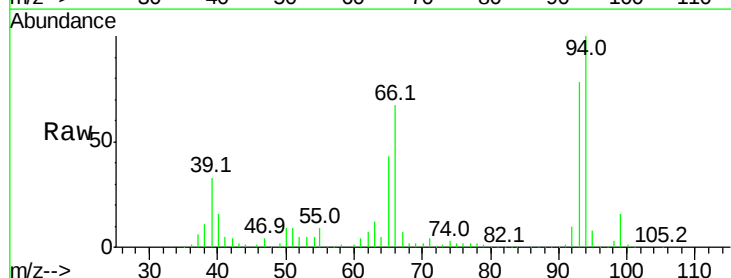
Tgt Ion: 93 Resp: 1198475

Ion Ratio Lower Upper

93 100

66 86.1 76.2 114.2

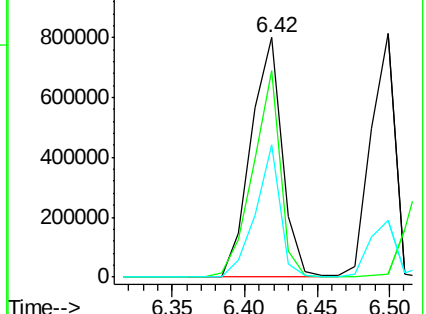
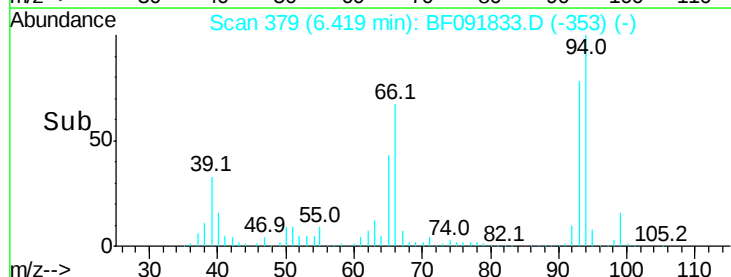
65 55.4 49.3 73.9

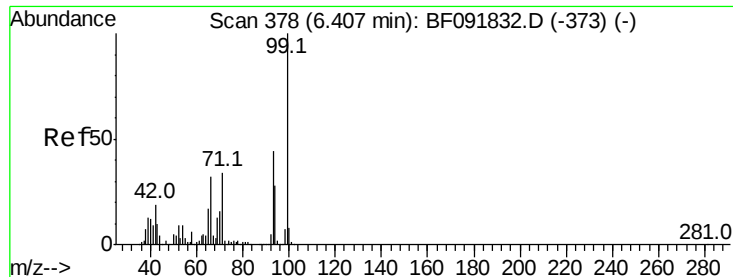


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.81 ng

RT: 6.41 min Scan# 378

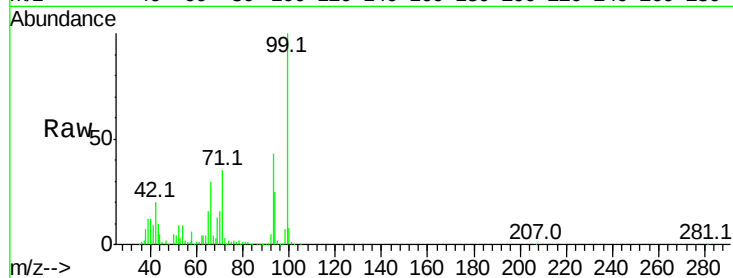
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion: 99 Resp: 1842634

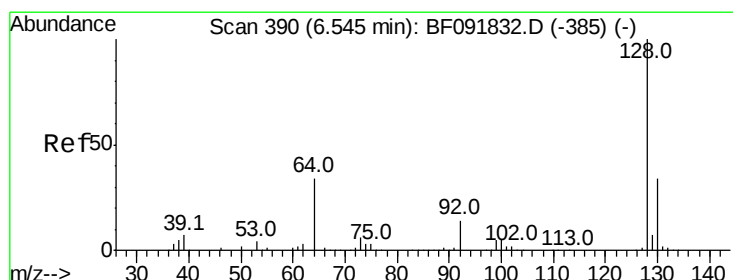
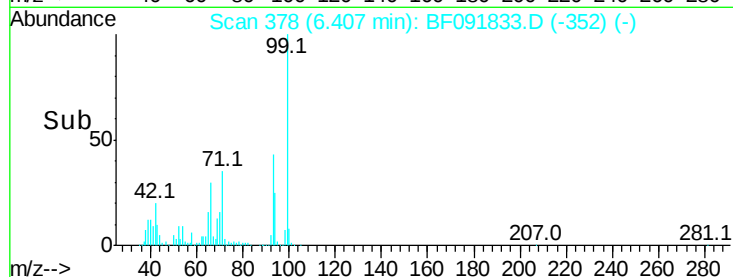
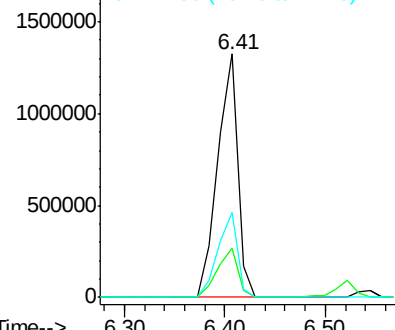
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	34.7	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.61 ng

RT: 6.54 min Scan# 390

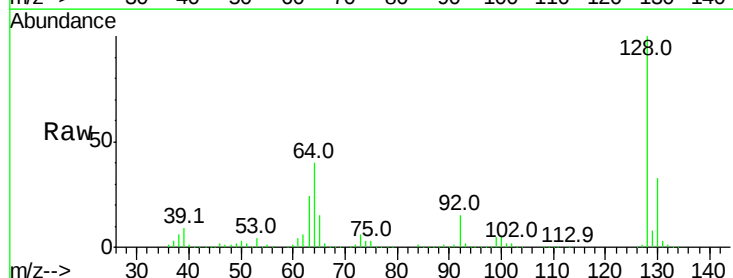
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion: 128 Resp: 908477

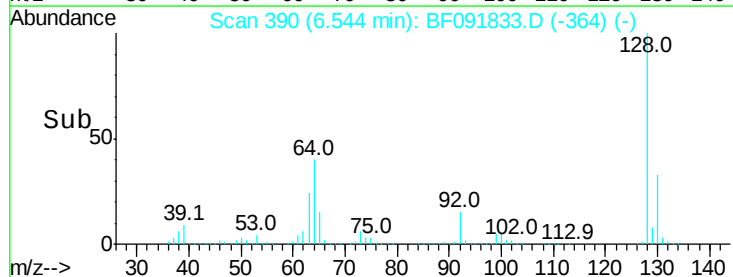
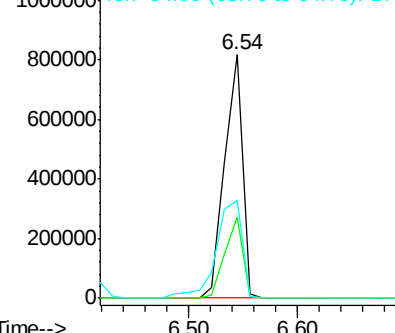
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	39.9	32.2	72.2

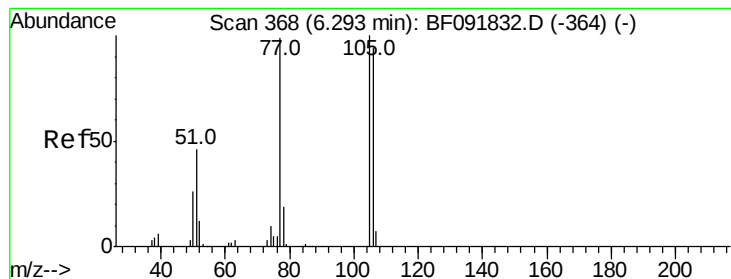


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.91 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

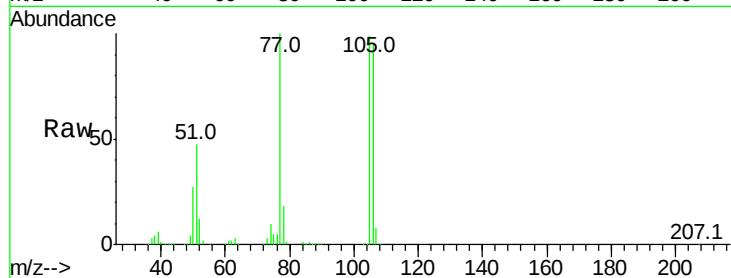
Tot Ion: 77 Resp: 514819

Ion Ratio Lower Upper

77 100

105 98.5 83.9 123.9

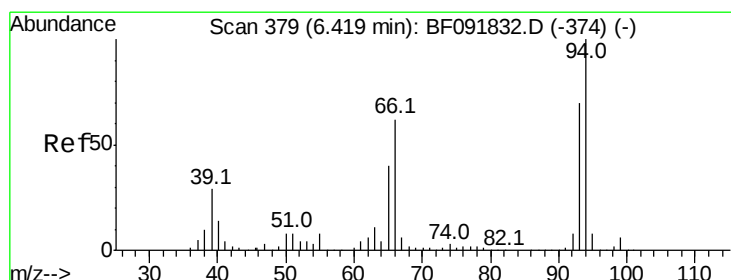
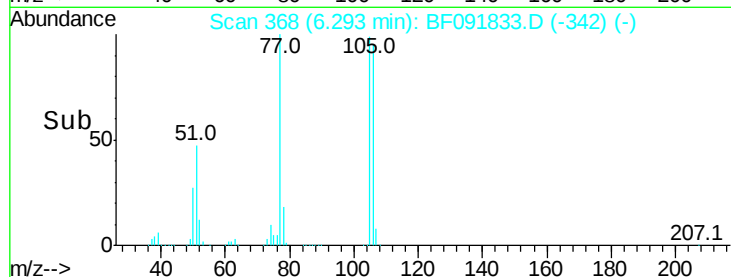
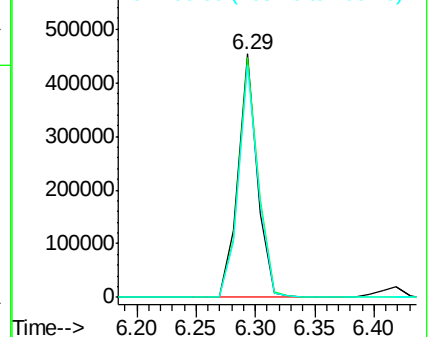
106 95.3 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.29 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

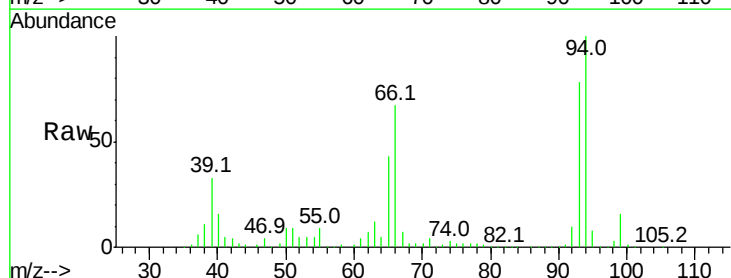
Tgt Ion: 94 Resp: 1035904

Ion Ratio Lower Upper

94 100

65 43.1 21.4 61.4

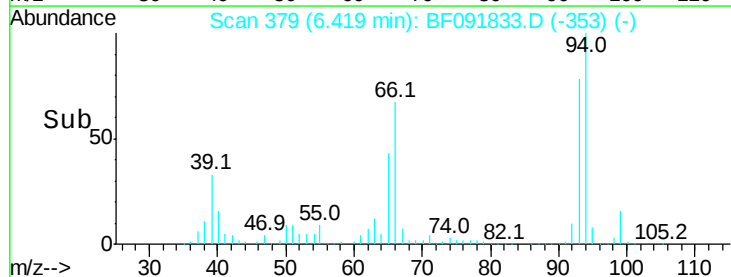
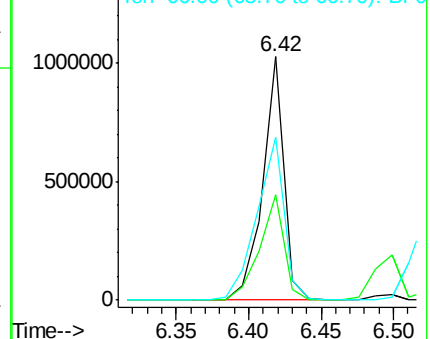
66 67.0 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 50.50 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

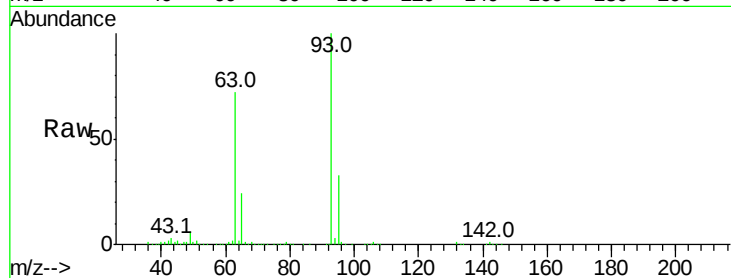
Tot Ion: 93 Resp: 922388

Ion Ratio Lower Upper

93 100

63 72.4 60.4 100.4

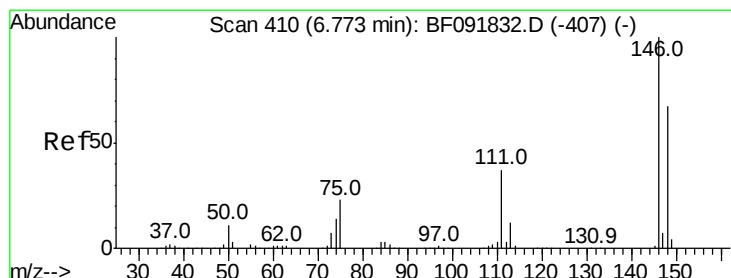
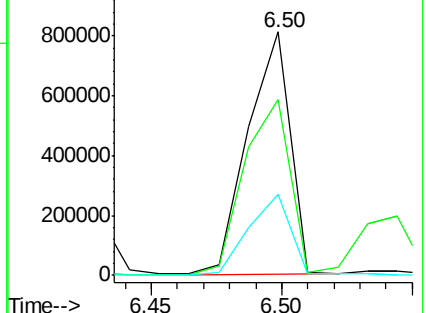
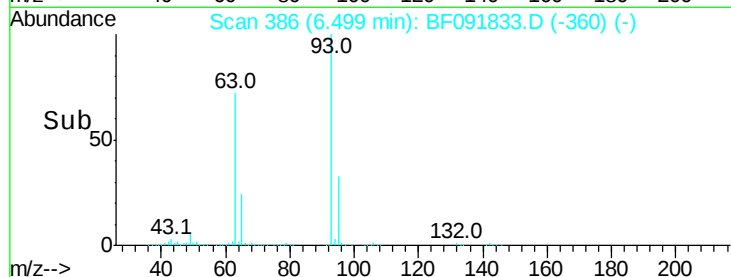
95 33.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 49.12 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.08 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

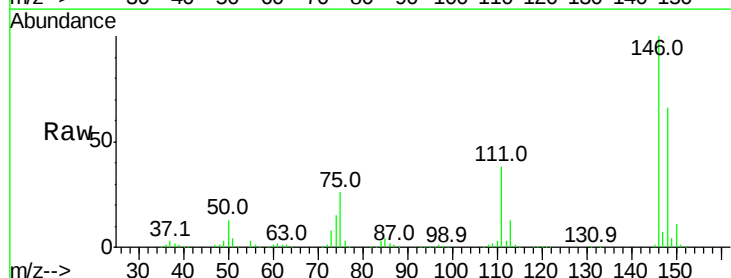
Tgt Ion: 146 Resp: 987871

Ion Ratio Lower Upper

146 100

148 66.2 53.4 80.0

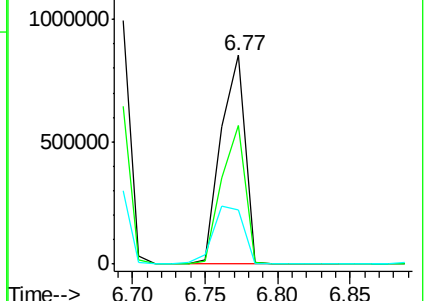
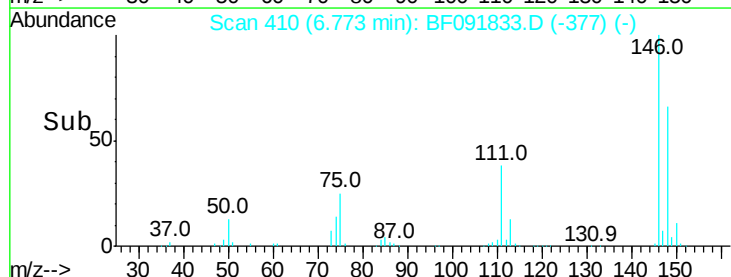
75 25.9 18.5 27.7

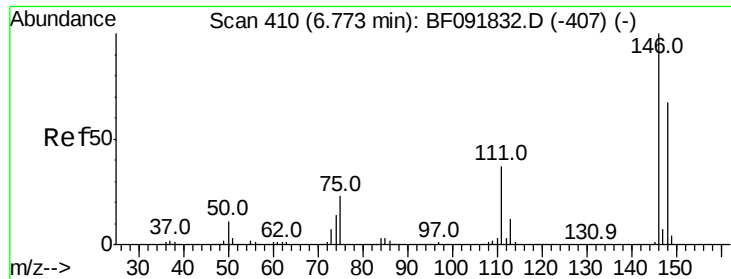


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

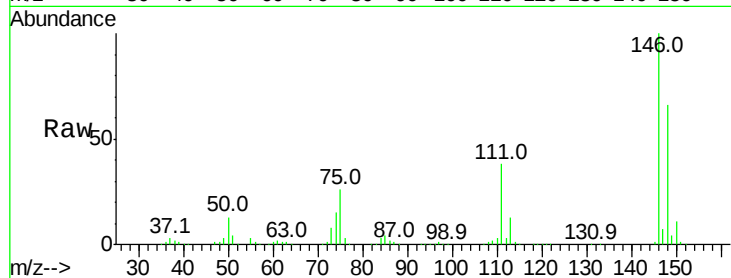
Ion 75.00 (74.70 to 75.70): BF0



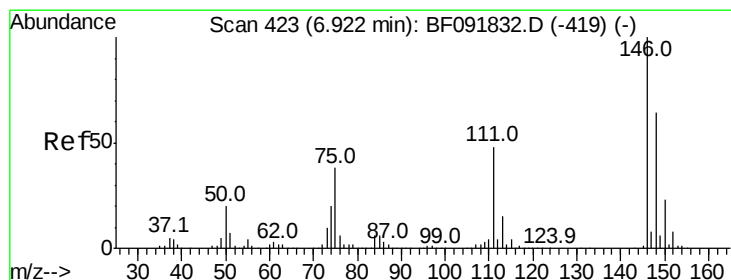
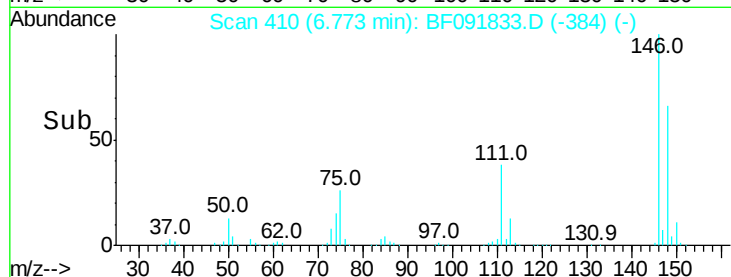
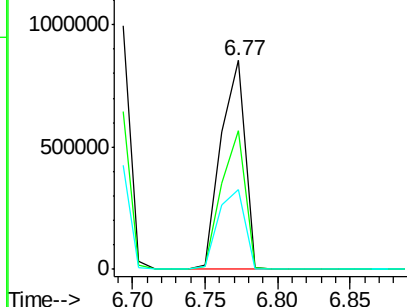


#13
 1,4-Dichlorobenzene
 Concen: 48.55 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.6	76.0
111	38.2	36.2	54.4

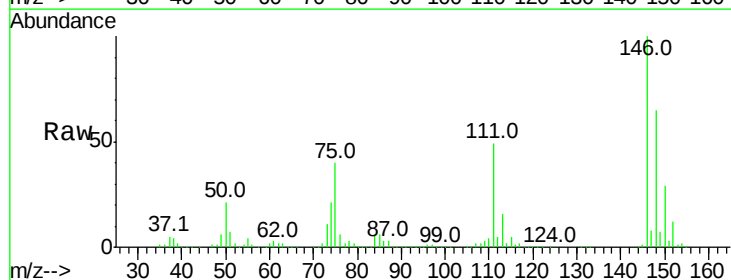


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

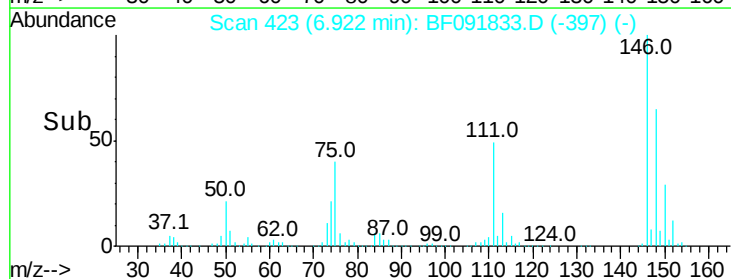
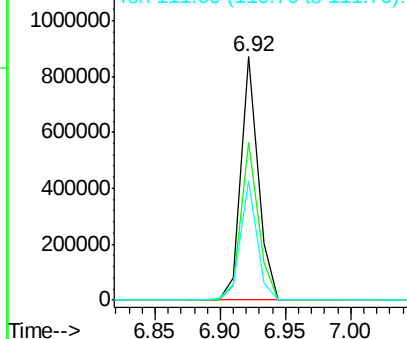


#14
 1,2-Dichlorobenzene
 Concen: 44.51 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	48.8	36.2	54.2



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





#15

Benzyl Alcohol

Concen: 48.51 ng

RT: 6.91 min Scan# 422

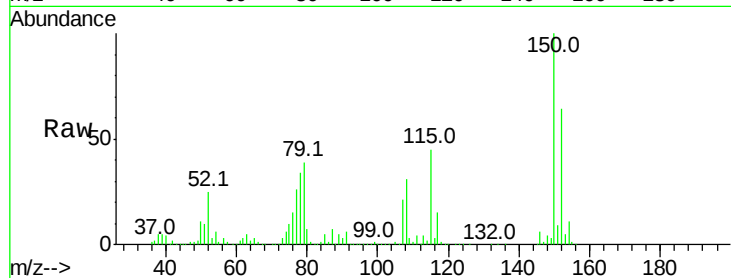
Delta R.T. 0.01 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion: 79 Resp: 762120

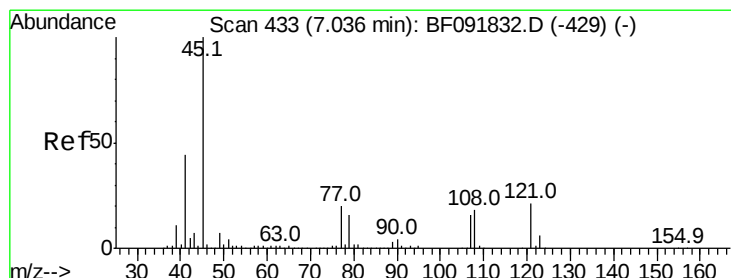
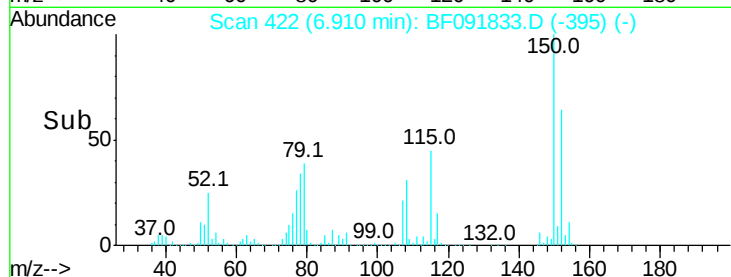
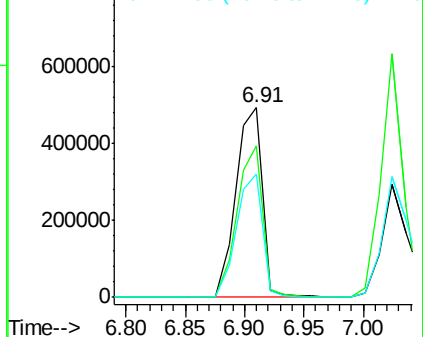
Ion	Ratio	Lower	Upper
79	100		
108	80.1	61.4	92.0
77	65.2	50.9	76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.54 ng

RT: 7.04 min Scan# 433

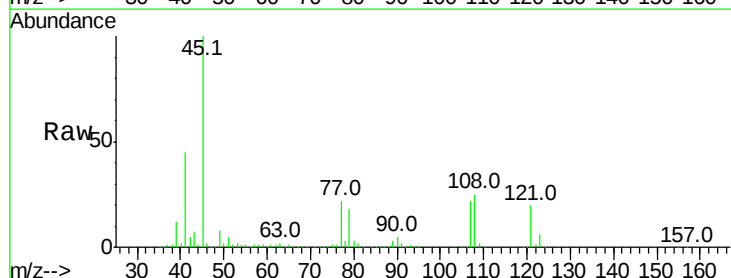
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion: 45 Resp: 1298968

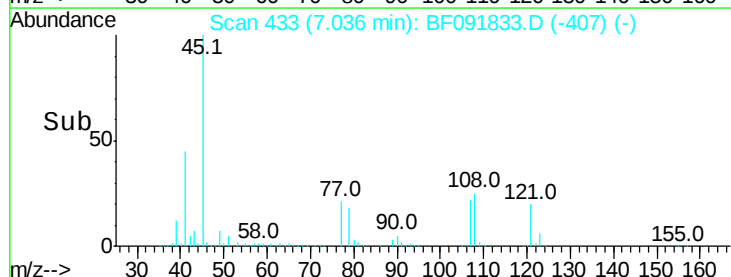
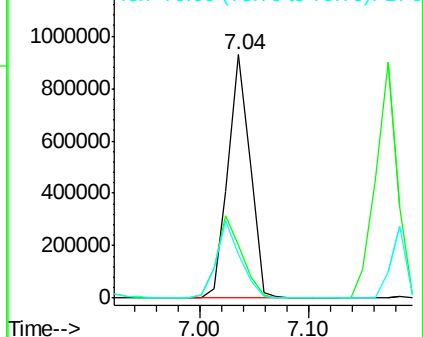
Ion	Ratio	Lower	Upper
45	100		
77	21.6	0.0	34.6
79	18.2	0.0	31.2

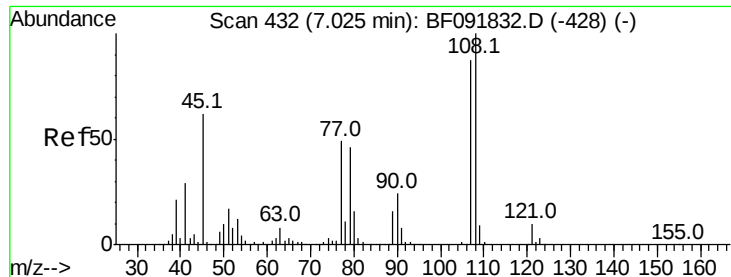


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.74 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion:107 Resp: 699981

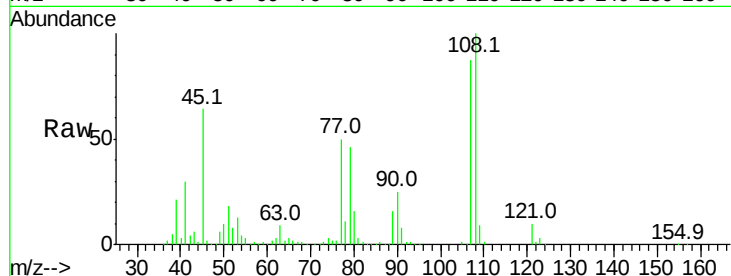
Ion Ratio Lower Upper

107 100

108 115.6 93.0 139.6

77 57.6 39.8 59.8

79 53.6 38.0 57.0

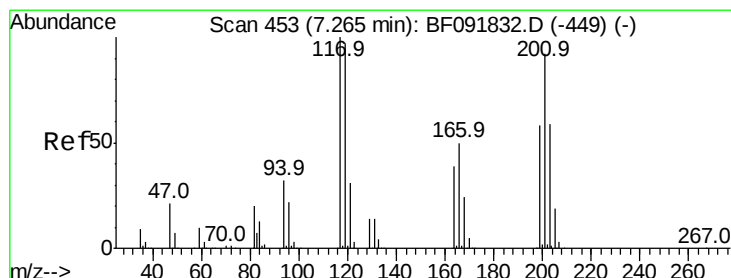
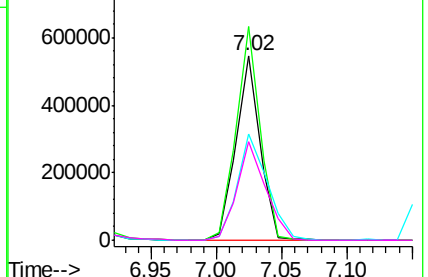
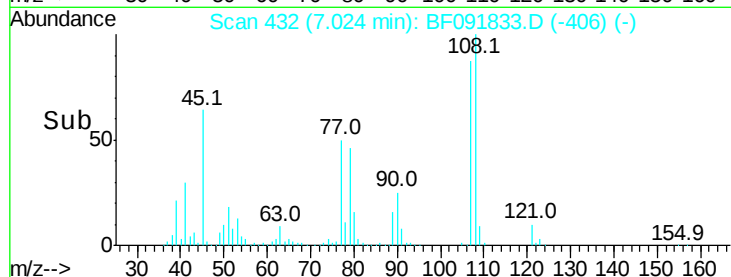


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 50.00 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

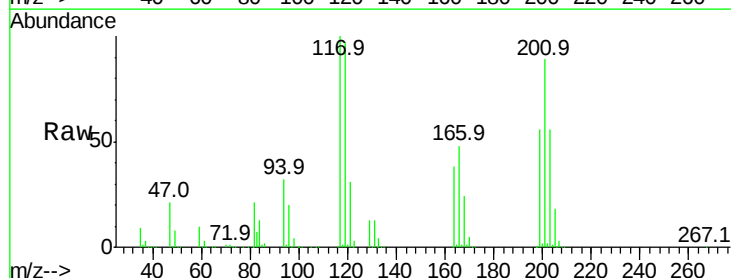
Tgt Ion:117 Resp: 378010

Ion Ratio Lower Upper

117 100

119 96.9 78.1 117.1

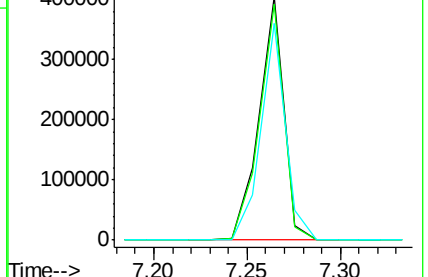
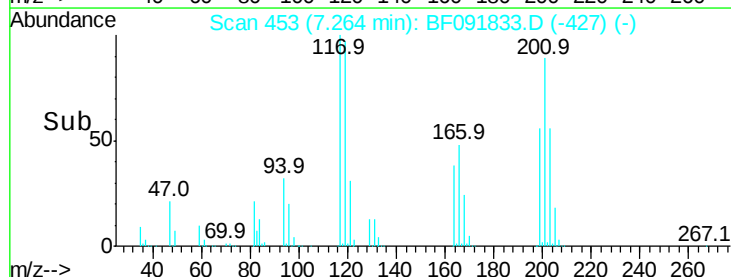
201 88.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

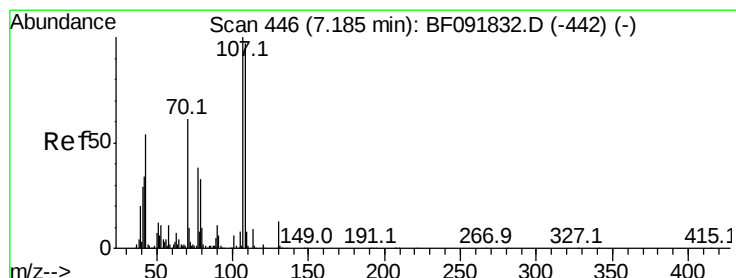
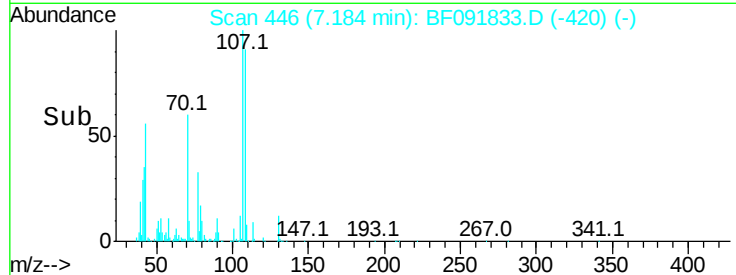
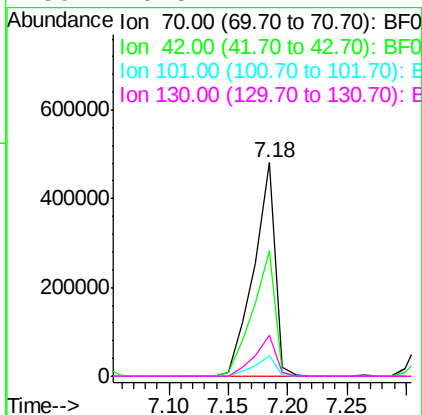
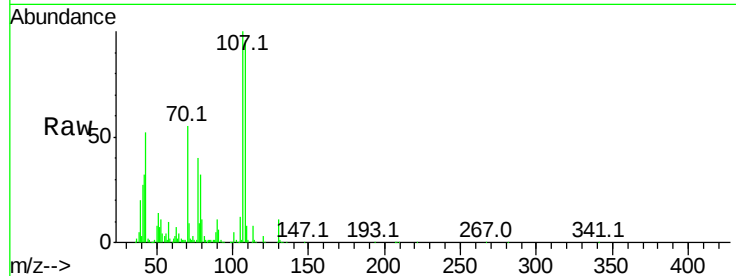
Ion 201.00 (200.70 to 201.70): E





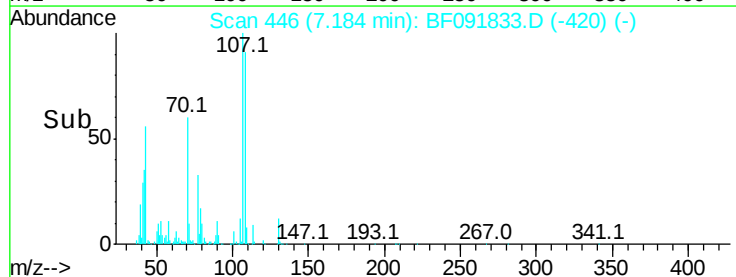
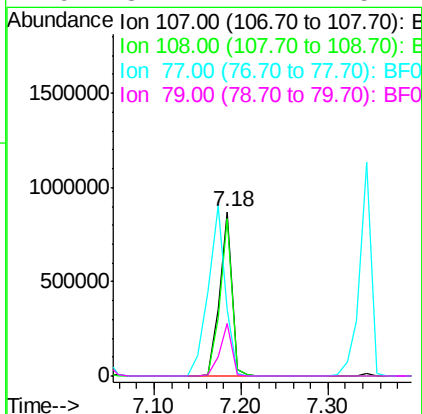
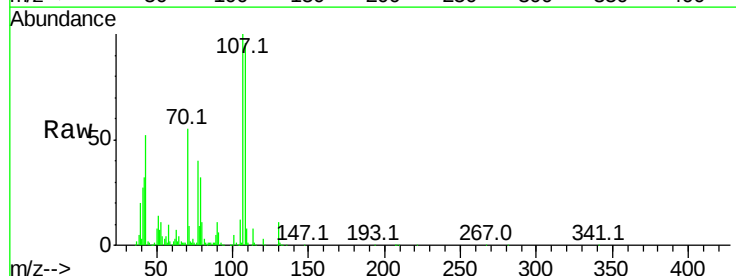
#19
n-Nitroso-di-n-propylamine
Concen: 45.29 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

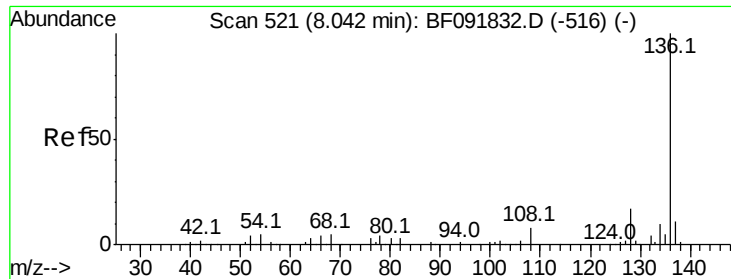
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	49.4	74.0
101	9.5	7.4	11.2
130	19.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 51.15 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

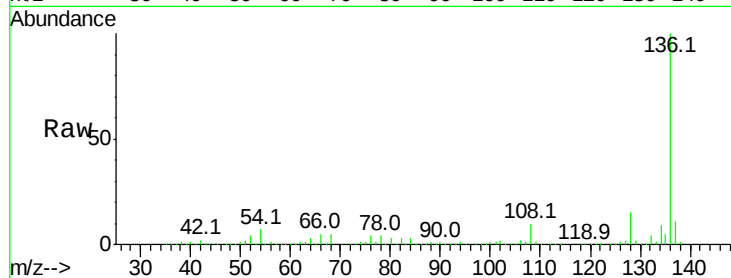
Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.7	73.0	113.0
77	40.3	71.3	111.3
79	31.7	11.1	51.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:	136	Resp:	1138539
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.6	4.5	6.7
68	5.3	3.6	5.4

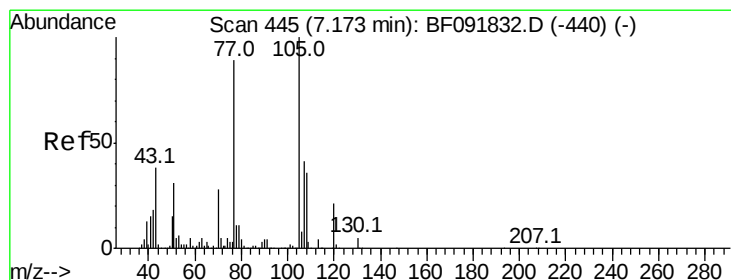
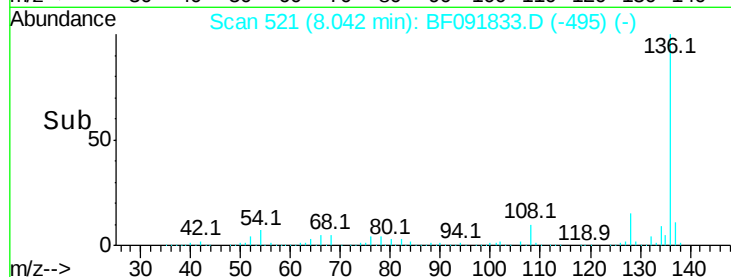
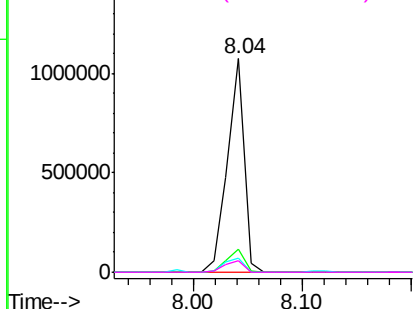


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

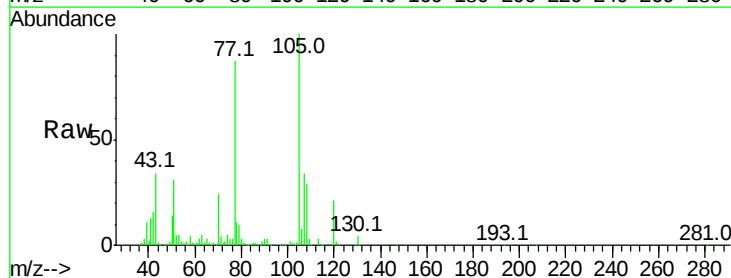
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 46.05 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:	105	Resp:	1265827
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.2	4.8
51	31.2	26.2	39.4
120	21.0	16.6	24.8

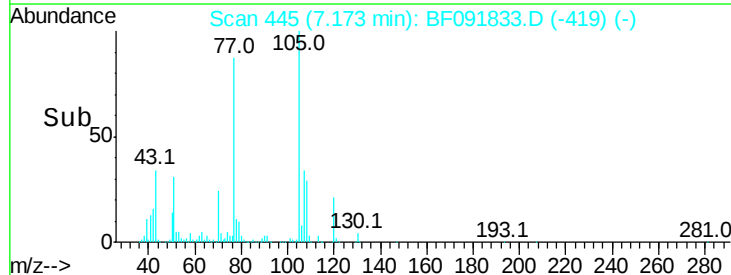
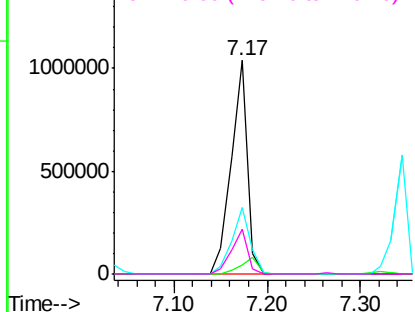


Abundance Ion 105.00 (104.70 to 105.70): E

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: 94.32 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

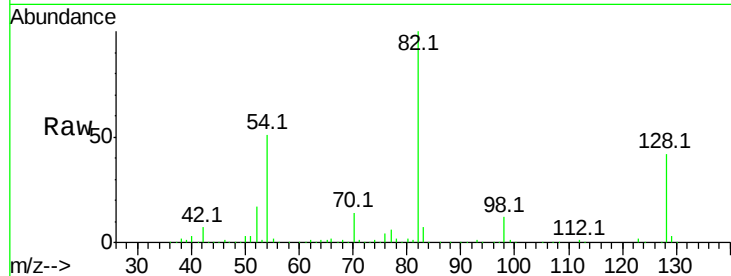
Tot Ion: 82 Resp: 1862191

Ion Ratio Lower Upper

82 100

128 41.5 34.6 52.0

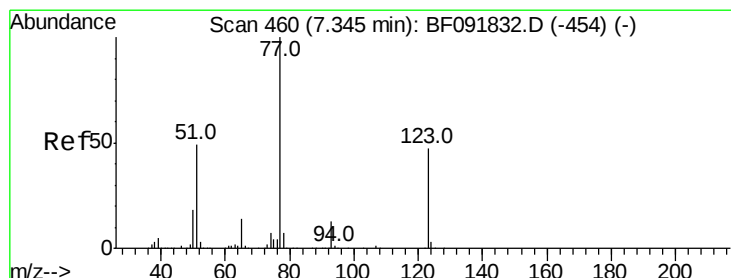
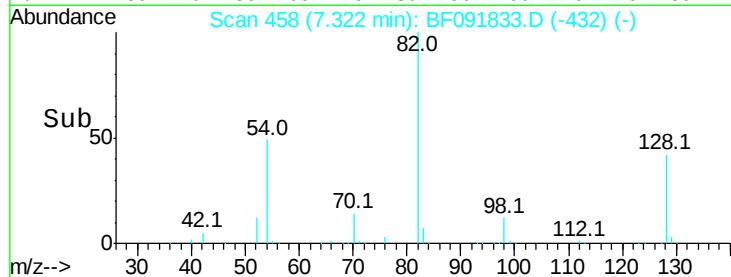
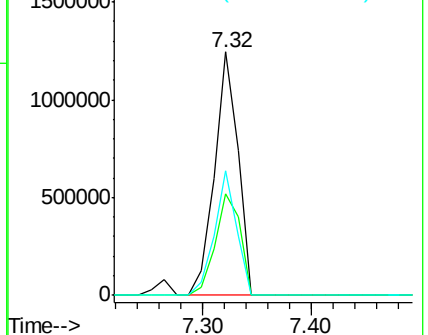
54 51.2 39.5 59.3



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: 49.30 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

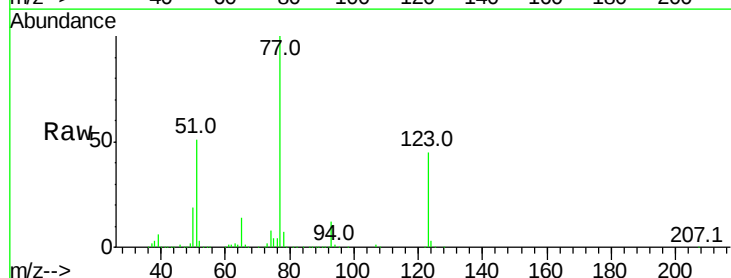
Tgt Ion: 77 Resp: 1045177

Ion Ratio Lower Upper

77 100

123 45.3 33.0 49.4

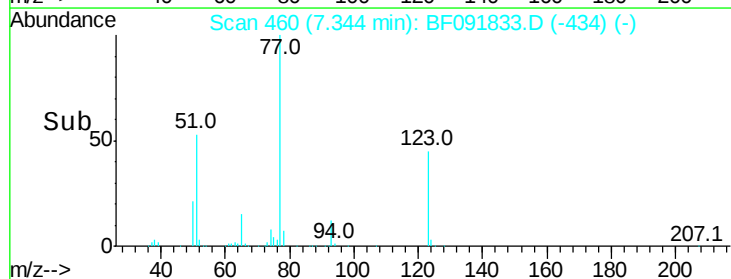
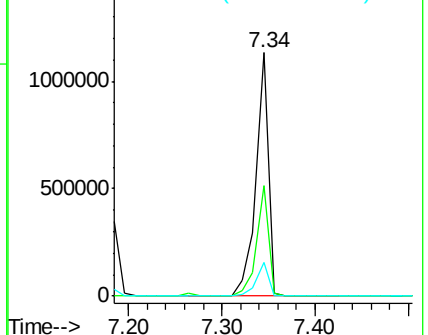
65 14.0 11.2 16.8

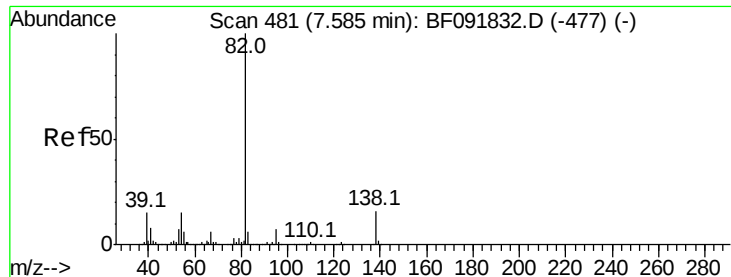


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.65 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

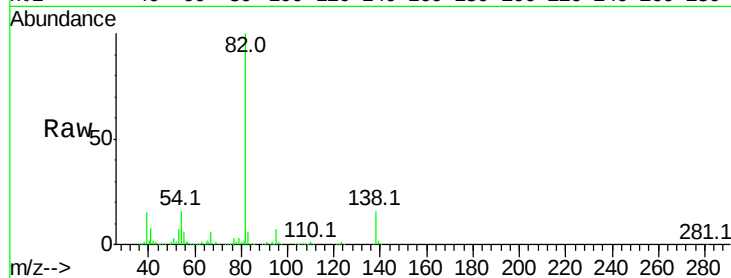
Tot Ion: 82 Resp: 1719552

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.6	8.4
138	15.9	14.6	22.0

82 100

95 6.8 5.6 8.4

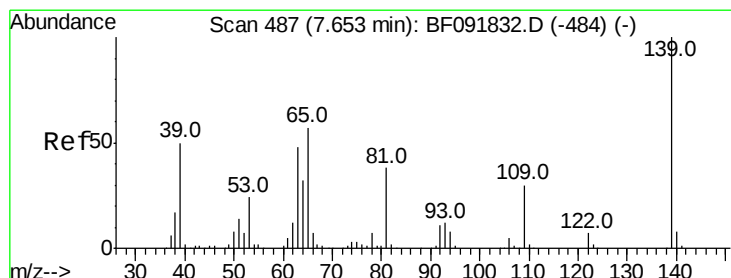
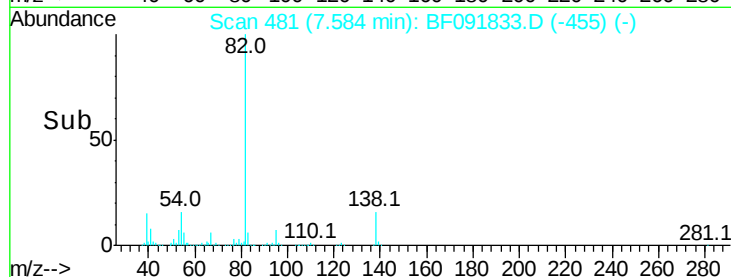
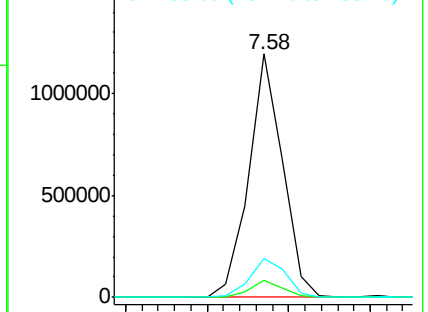
138 15.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.60 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

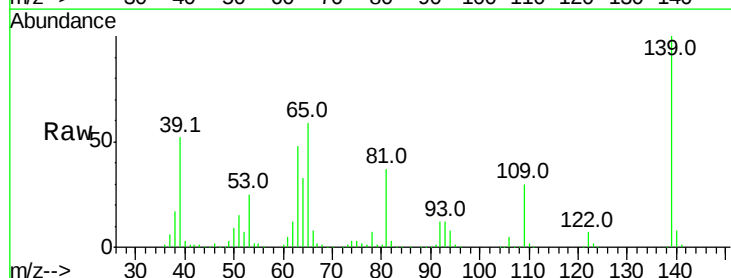
Tgt Ion: 139 Resp: 476566

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.3	34.9
65	59.2	42.7	64.1

139 100

109 29.9 23.3 34.9

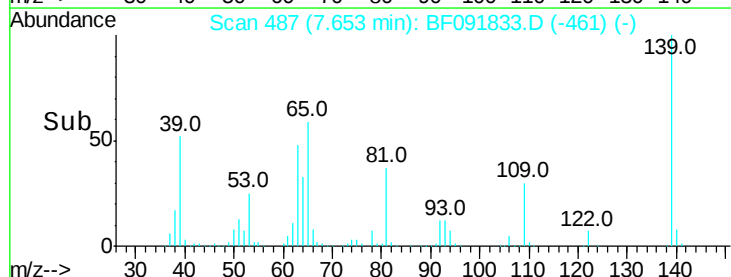
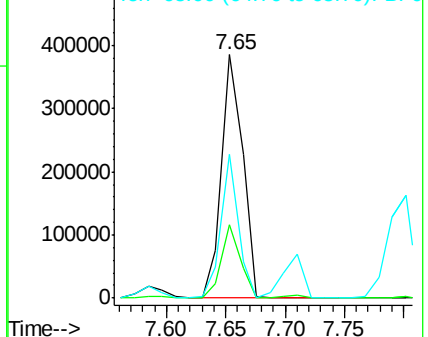
65 59.2 42.7 64.1

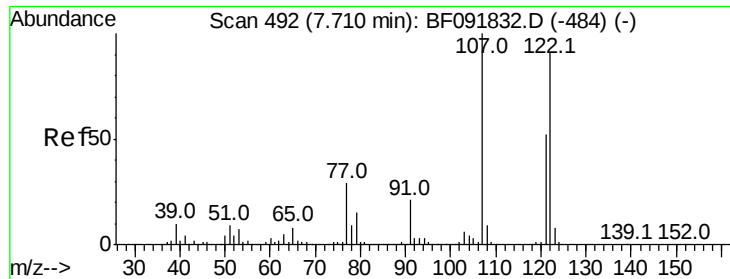


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

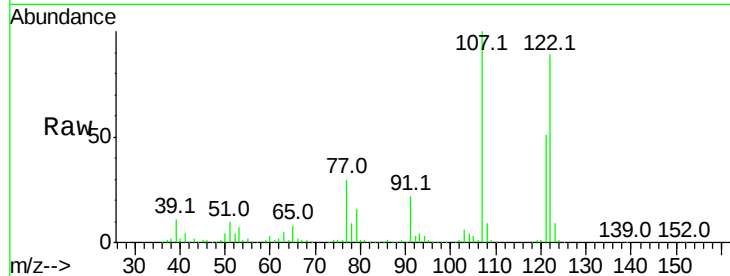
Ion 65.00 (64.70 to 65.70): BF0



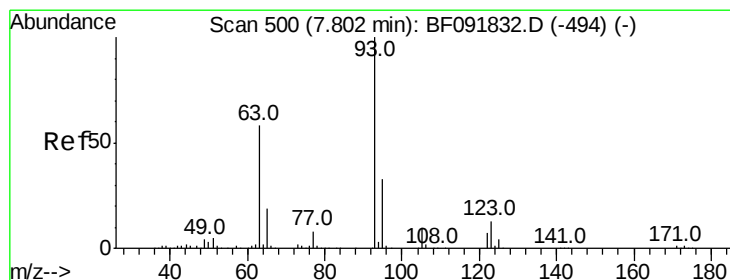
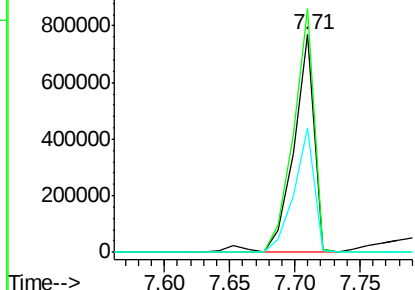
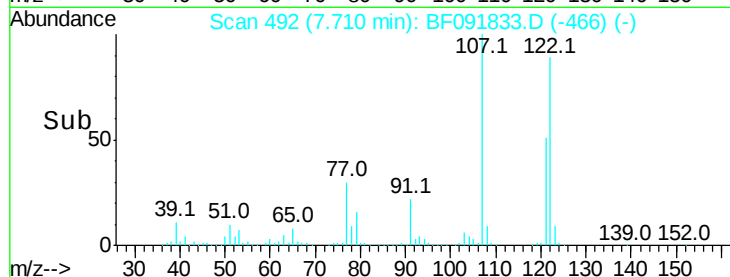


#27
2,4-Dimethylphenol
Concen: 51.54 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:122 Resp: 859970
Ion Ratio Lower Upper
122 100
107 112.0 94.1 141.1
121 57.1 46.0 69.0

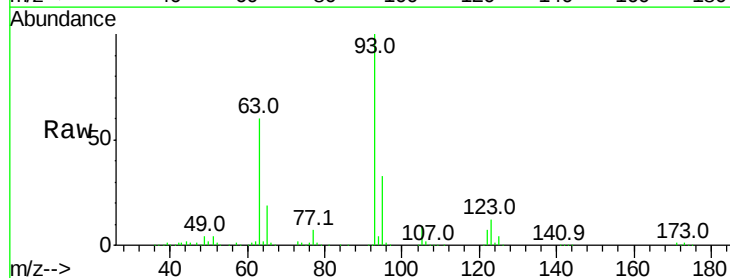


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

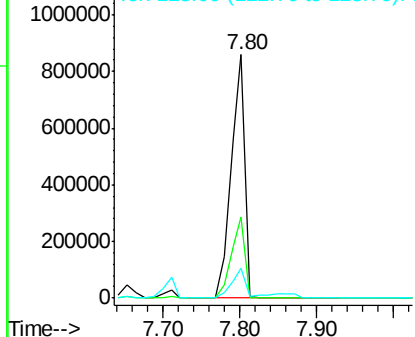
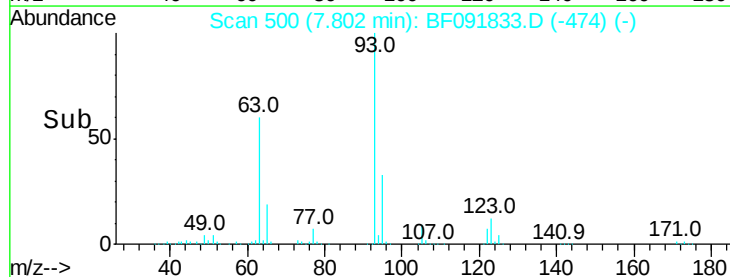


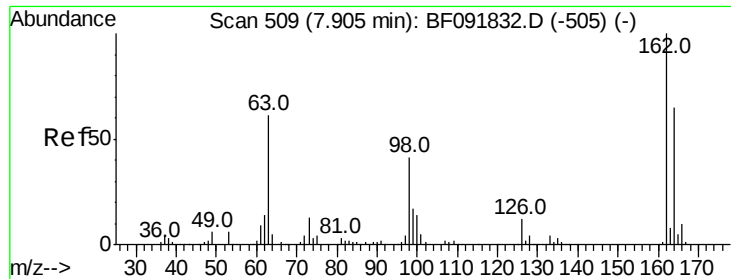
#28
bis(2-Chloroethoxy)methane
Concen: 49.23 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion: 93 Resp: 1085025
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 12.4 8.6 13.0



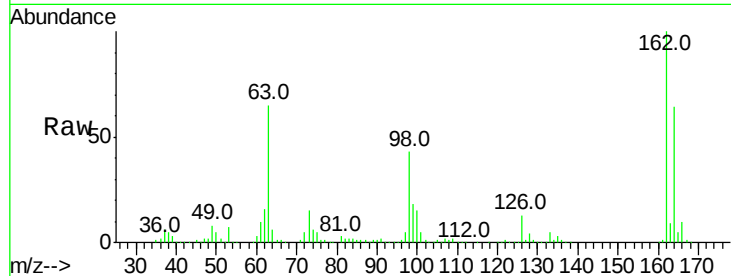
Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



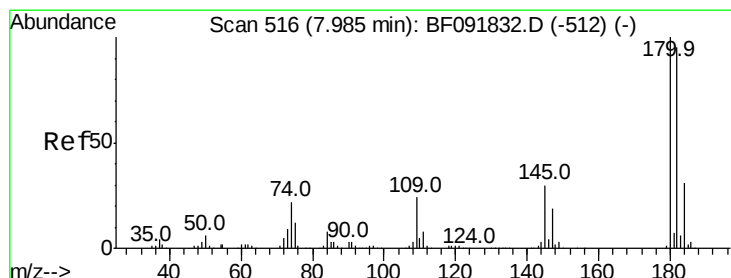
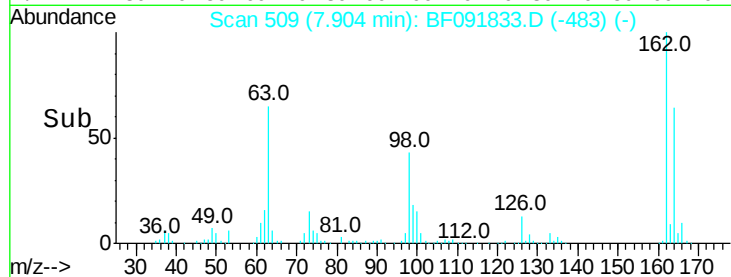
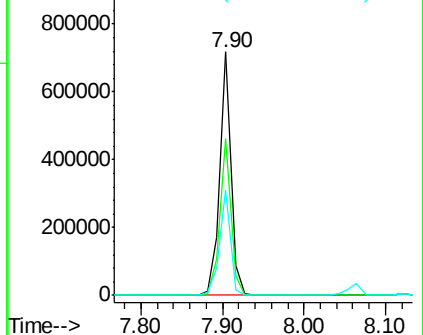


#29
 2,4-Dichlorophenol
 Concen: 44.43 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	46.8	86.8
98	43.3	9.1	49.1

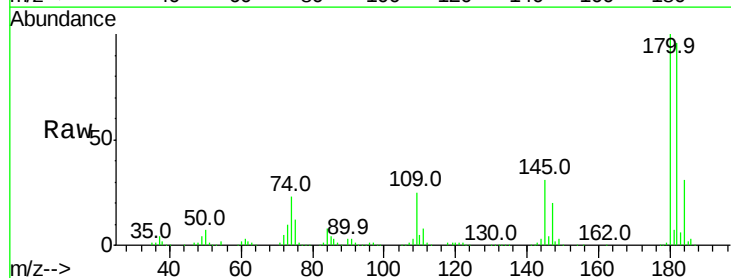


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

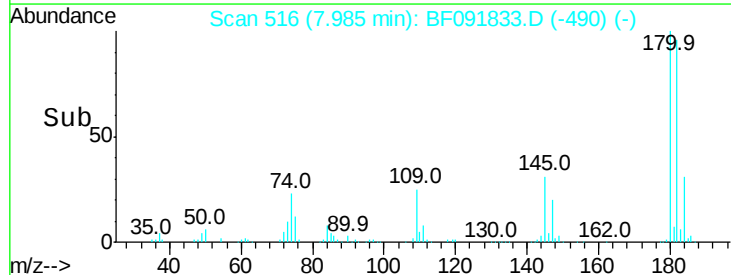
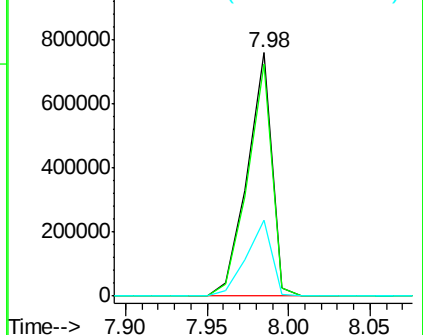


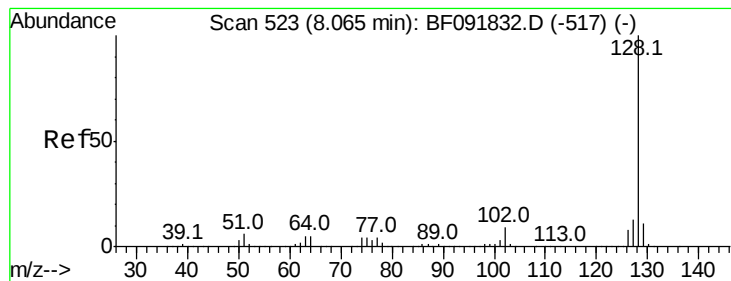
#30
 1,2,4-Trichlorobenzene
 Concen: 47.58 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.2	117.4
145	31.4	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.62 ng

RT: 8.06 min Scan# 523

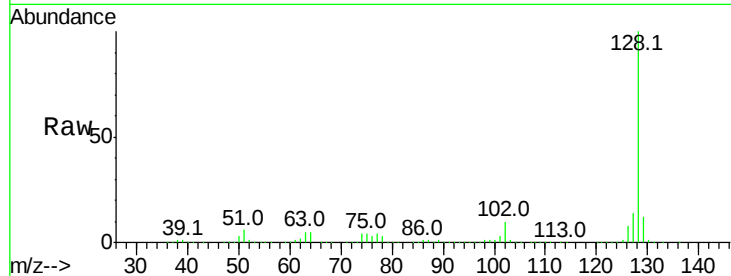
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion:128 Resp: 2590314

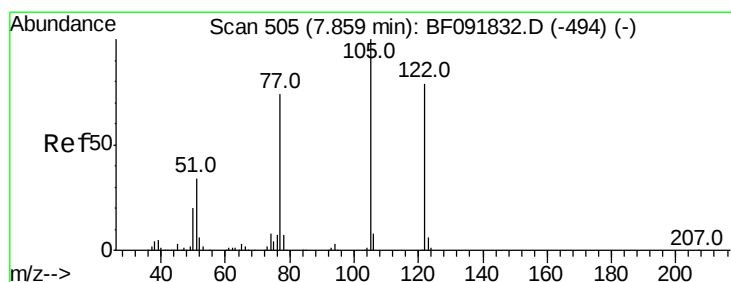
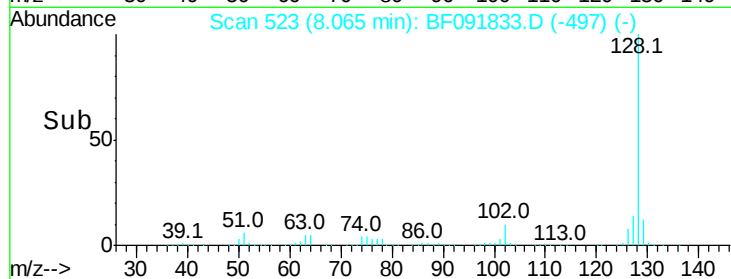
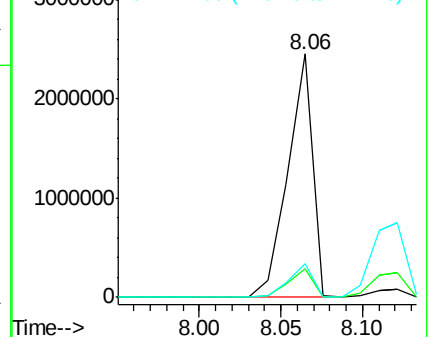
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.9	10.8	16.2



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: 58.40 ng

RT: 7.87 min Scan# 506

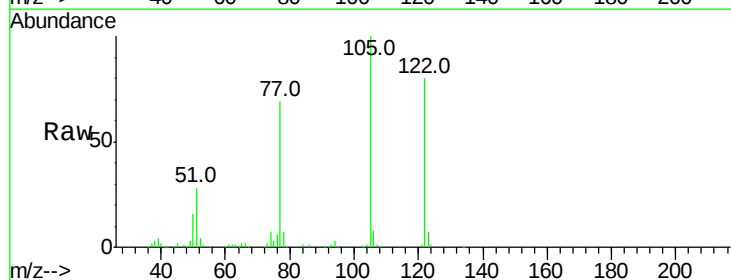
Delta R.T. 0.01 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:122 Resp: 694436

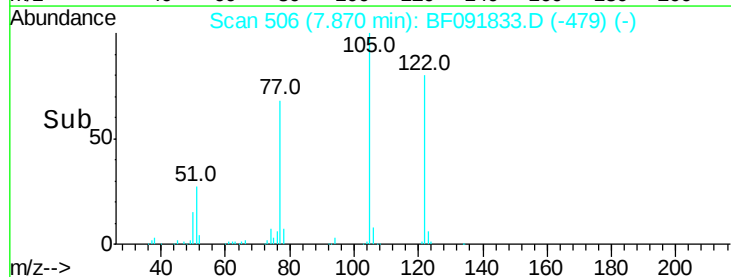
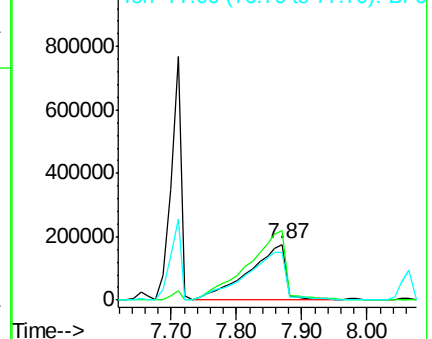
Ion	Ratio	Lower	Upper
122	100		
105	124.7	107.2	147.2
77	85.4	74.5	114.5

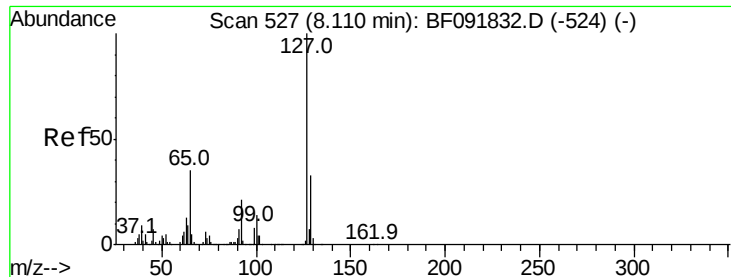


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

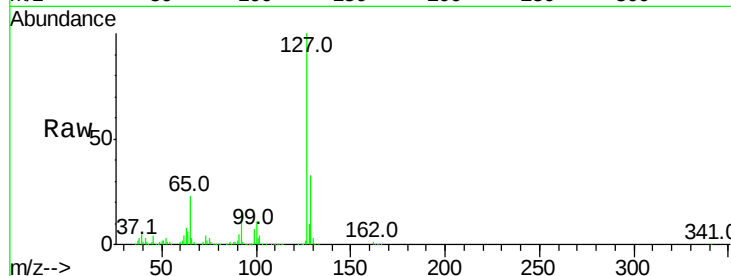
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 48.41 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:	127	Resp:	1109134
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	23.0	25.8	38.8#
92	16.1	16.1	24.1

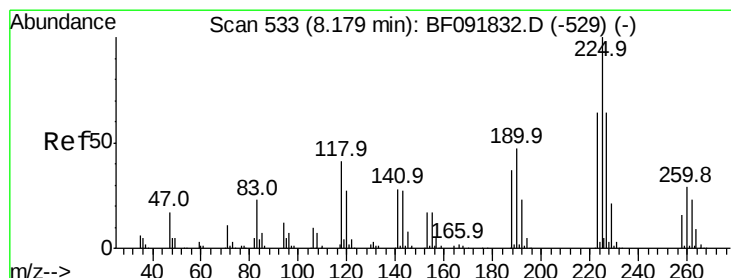
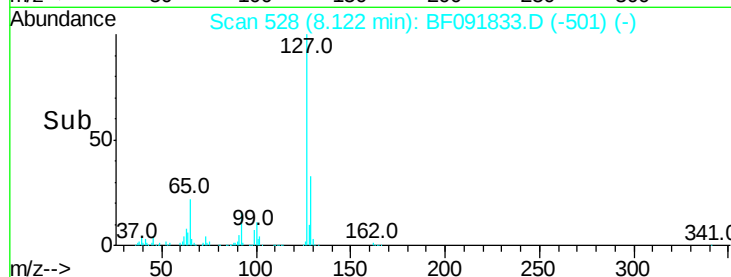
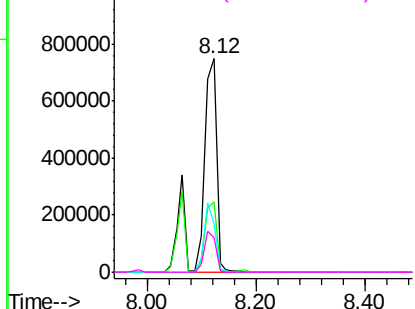


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

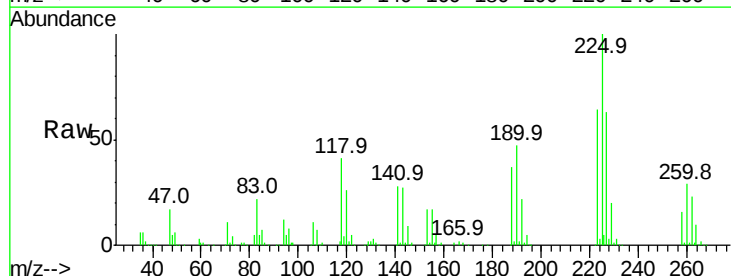
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 43.62 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

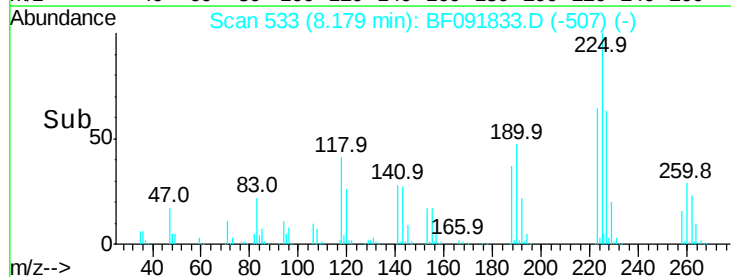
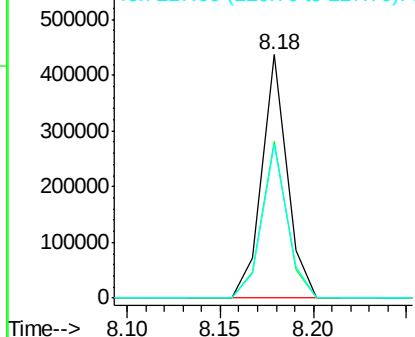
Tgt Ion:	225	Resp:	409042
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	63.1	50.6	76.0

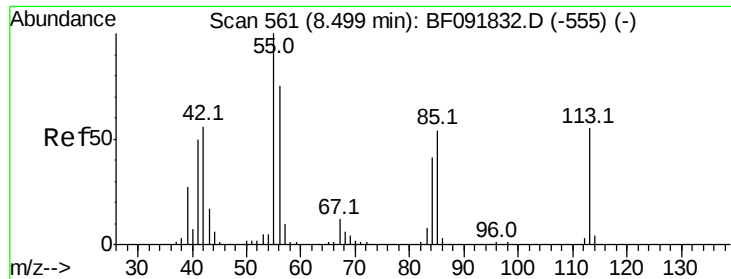


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

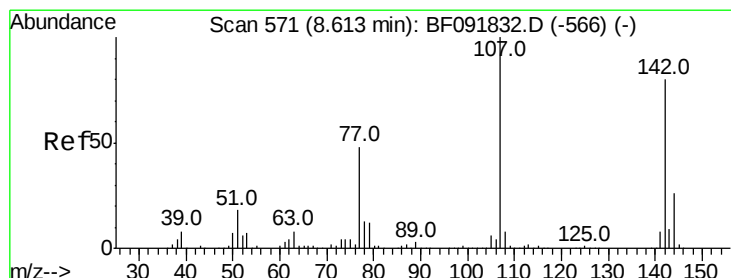
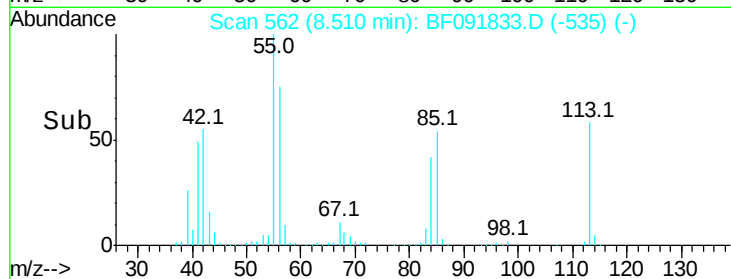
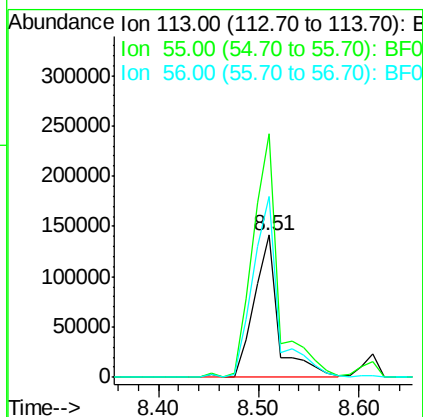
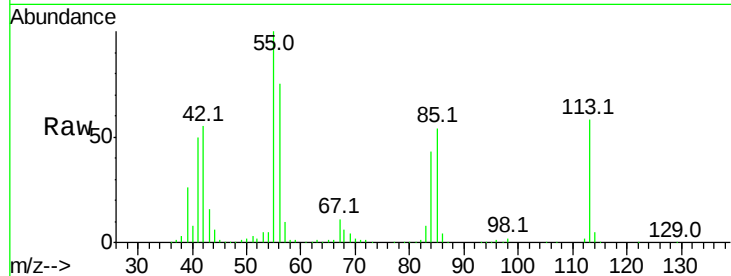
Ion 227.00 (226.70 to 227.70): E





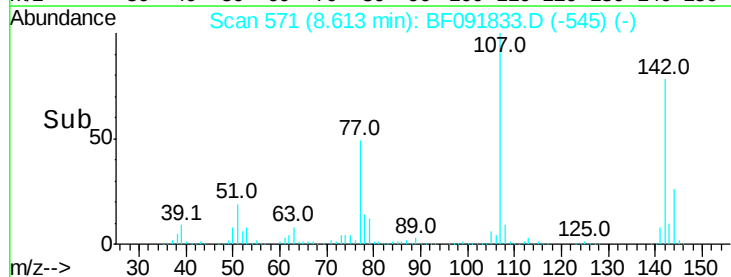
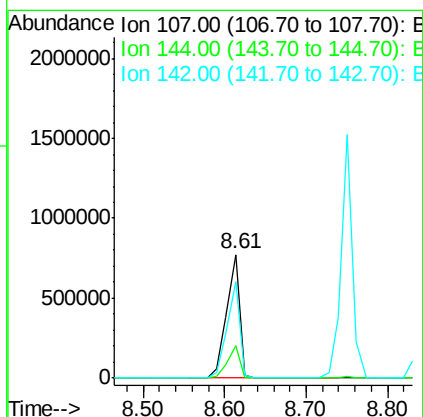
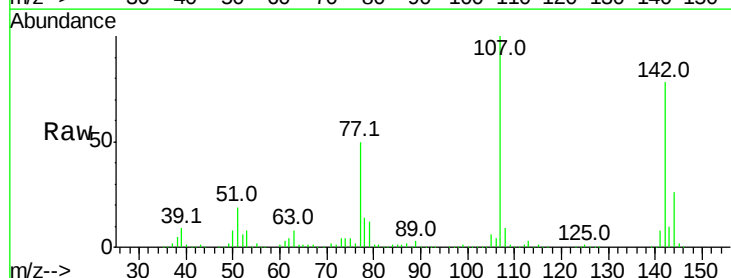
#35
Caprolactam
Concen: 48.18 ng
RT: 8.51 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

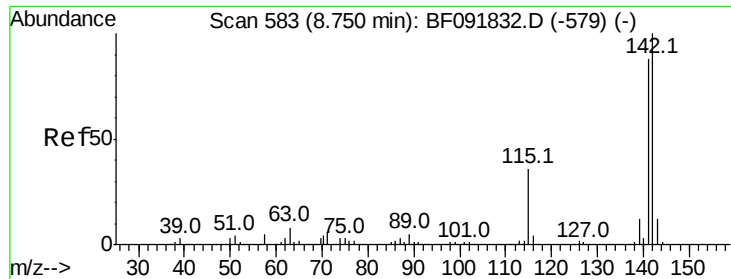
Tot Ion:113 Resp: 238539
Ion Ratio Lower Upper
113 100
55 171.6 119.2 159.2#
56 127.9 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 49.87 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:107 Resp: 846633
Ion Ratio Lower Upper
107 100
144 25.9 19.3 28.9
142 78.4 59.0 88.6

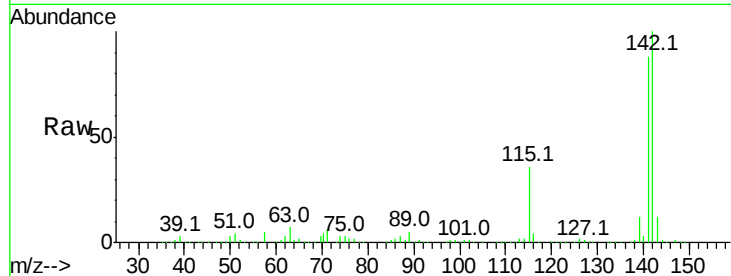




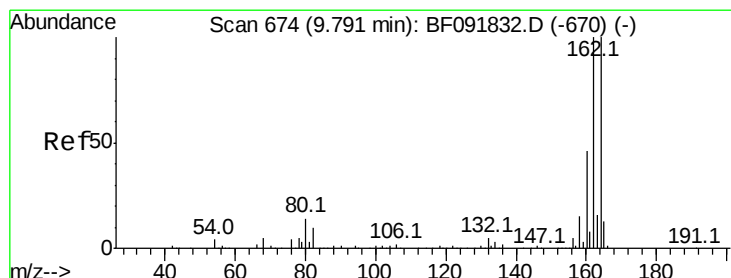
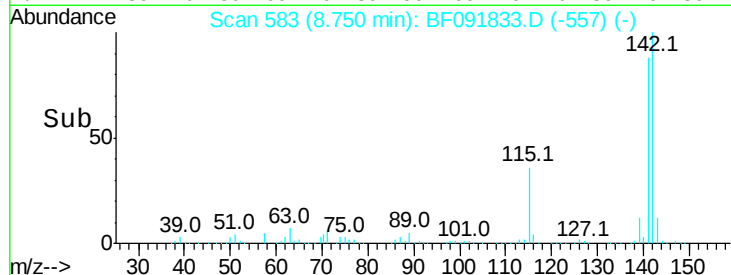
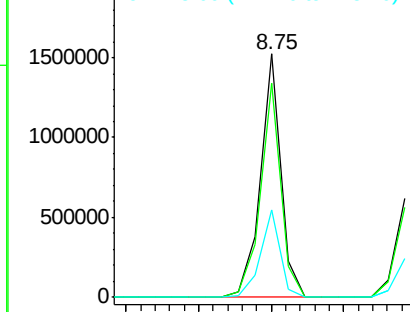
#37
2-Methylnaphthalene
Concen: 43.37 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:142 Resp: 1487266

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	36.0	28.3	42.5



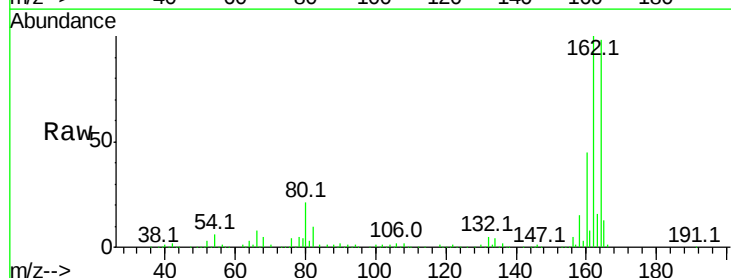
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



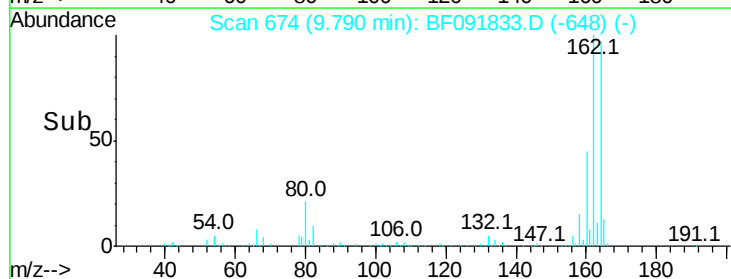
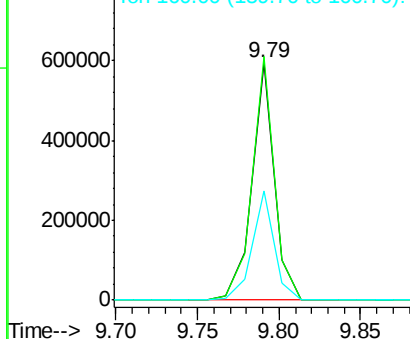
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

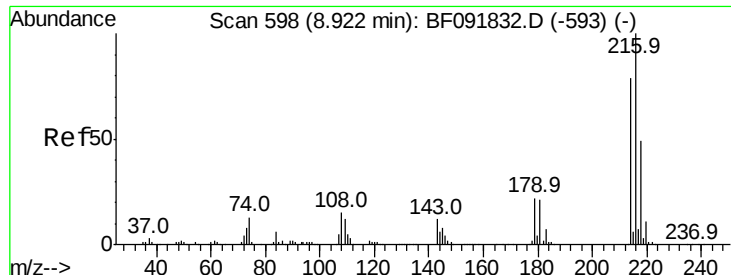
Tgt Ion:164 Resp: 566168

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	45.7	36.9	55.3



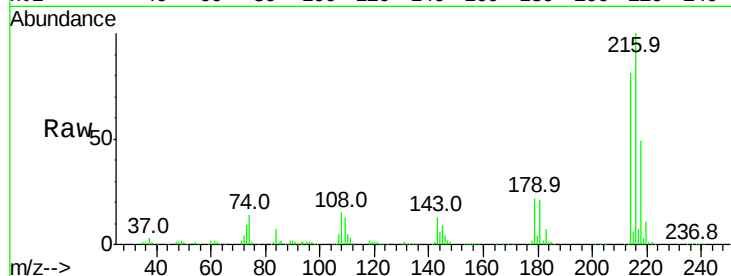
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



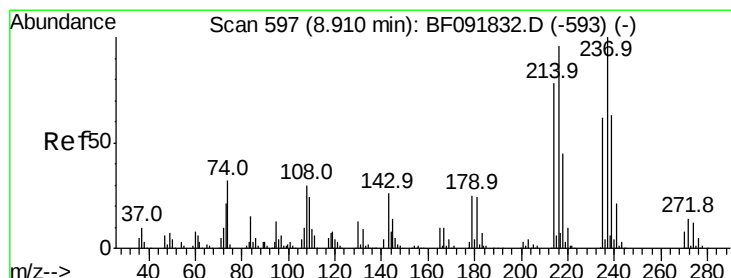
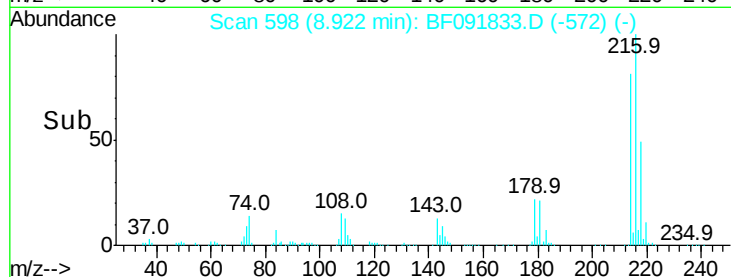
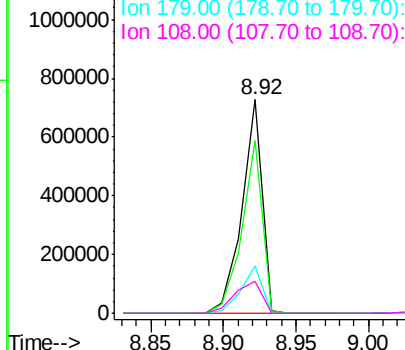


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.79 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion:	216	Resp:	702618
Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.4	95.0
179	23.4	17.4	26.2
108	20.8	15.6	23.4

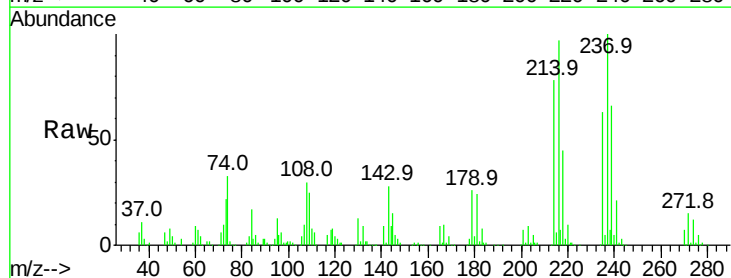


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

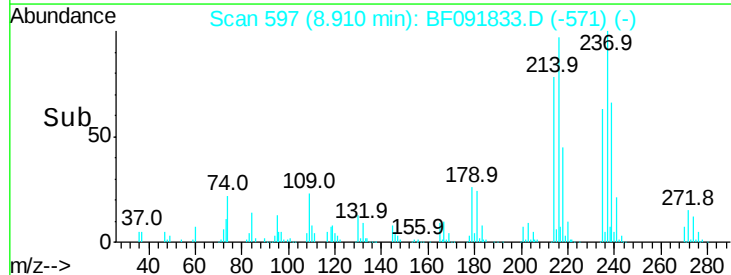
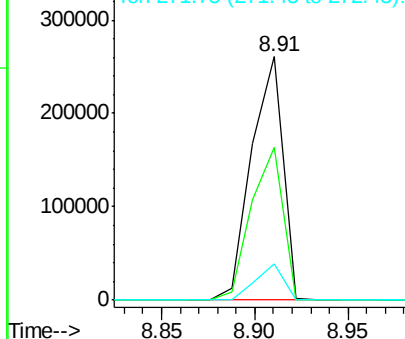


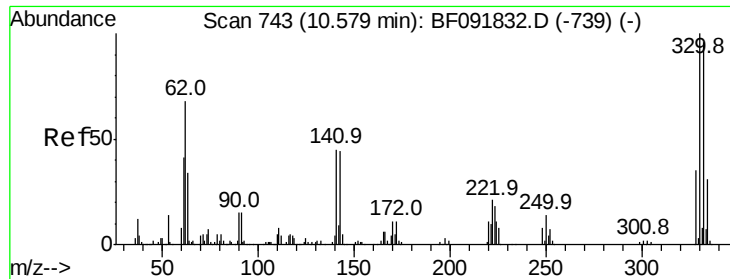
#40
 Hexachlorocyclopentadiene
 Concen: 50.80 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion:	237	Resp:	303877
Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.2	81.2
272	14.7	0.0	35.4



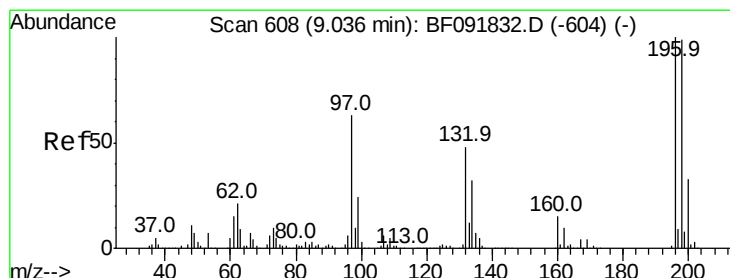
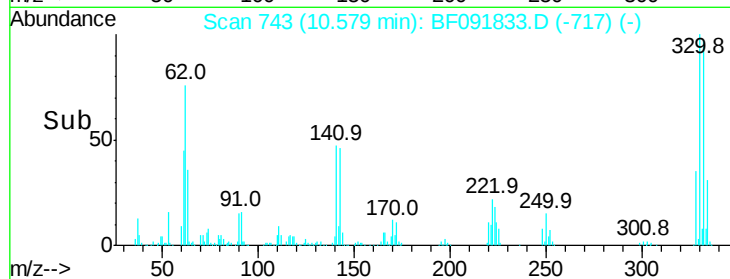
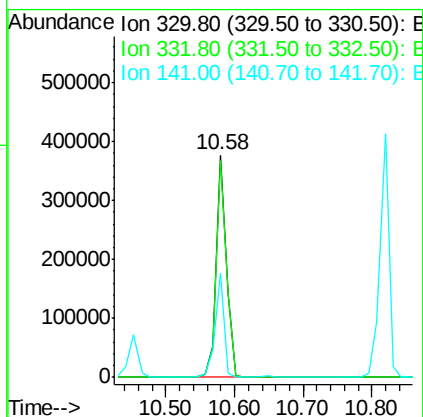
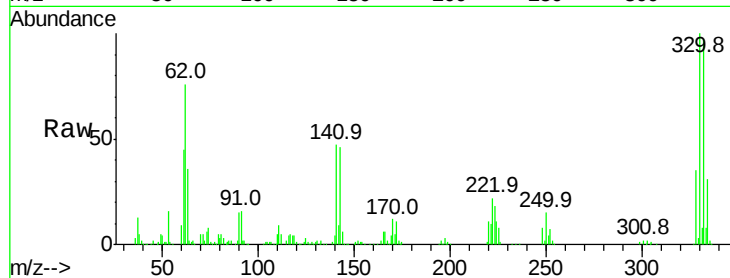
Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





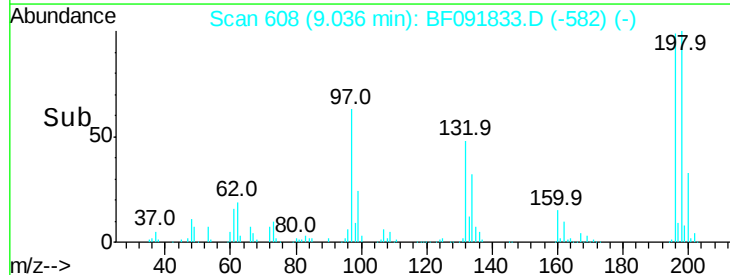
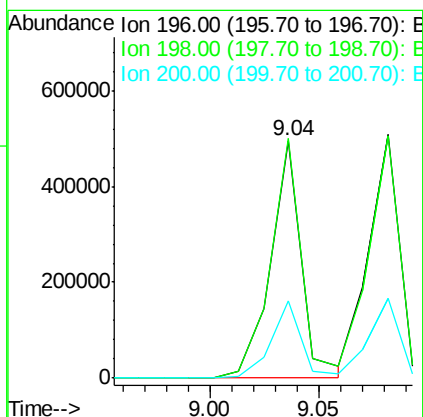
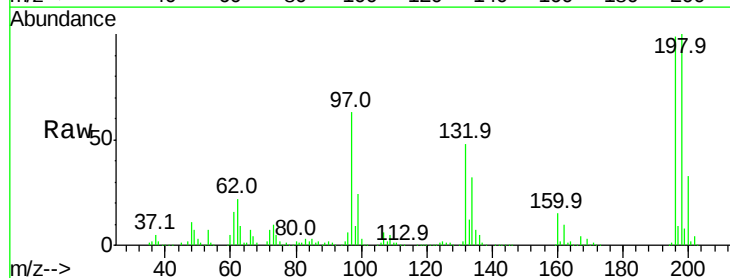
#41
 2,4,6-Tribromophenol
 Concen: 84.00 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

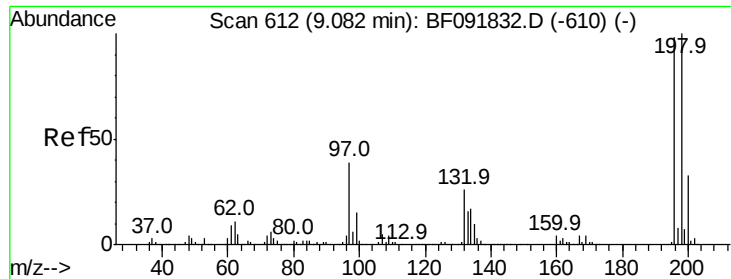
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	40.0	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.11 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

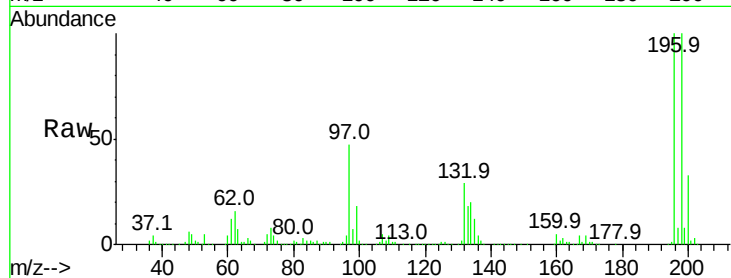
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	82.1	123.1
200	32.8	27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 50.52 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion:	196	Resp:	500476
Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.4	119.2
97	47.4	51.5	77.3#
132	28.8	27.4	41.2



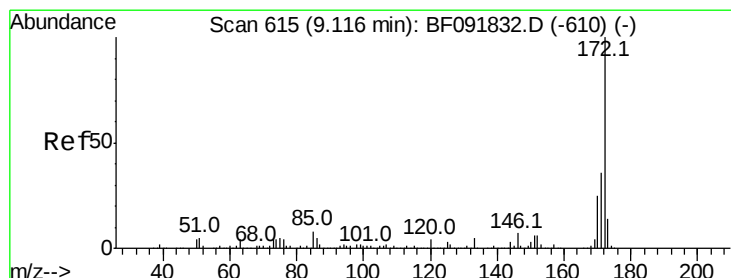
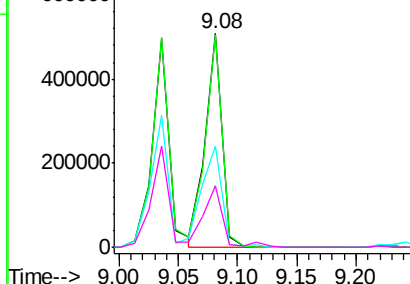
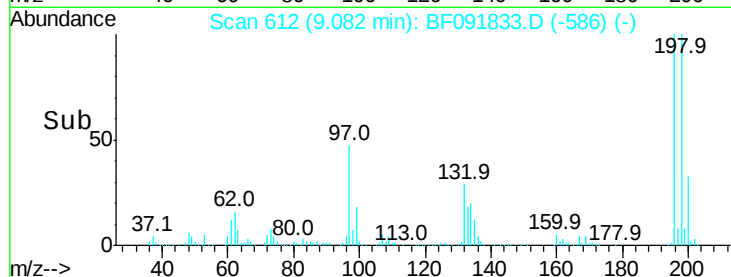
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

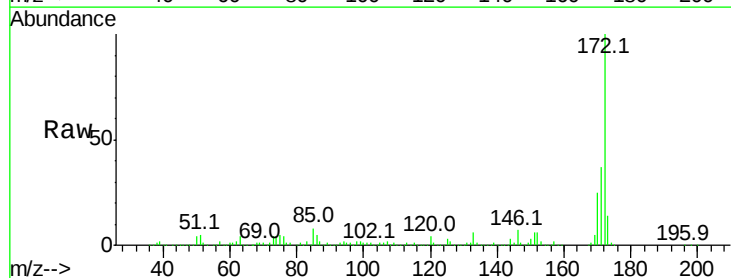
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.32 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion:	172	Resp:	2573660
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.3	20.2	30.4

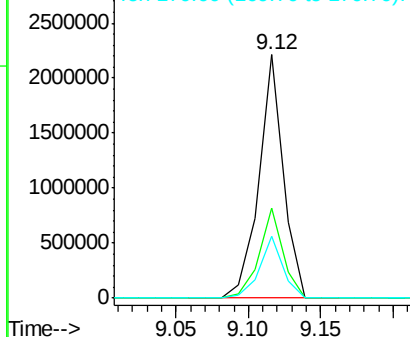
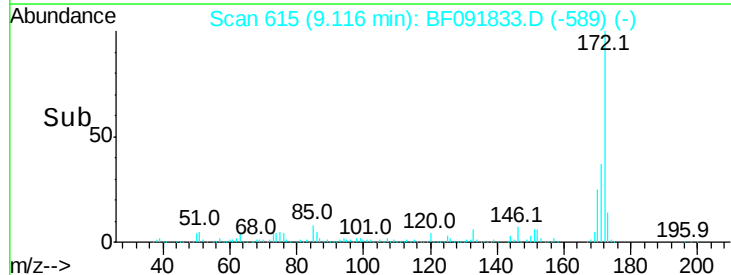


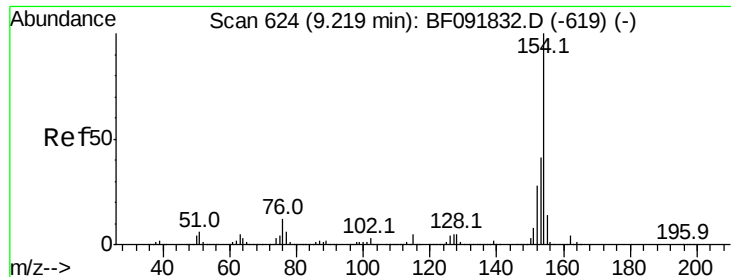
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

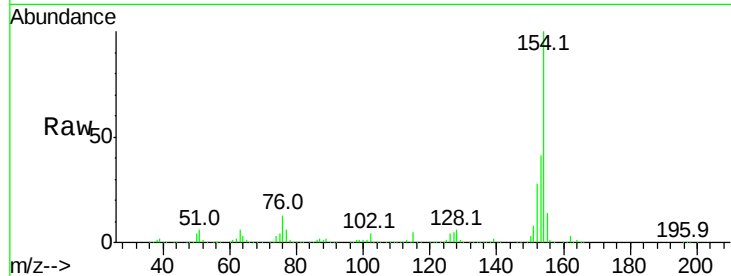
Ion 170.00 (169.70 to 170.70): E



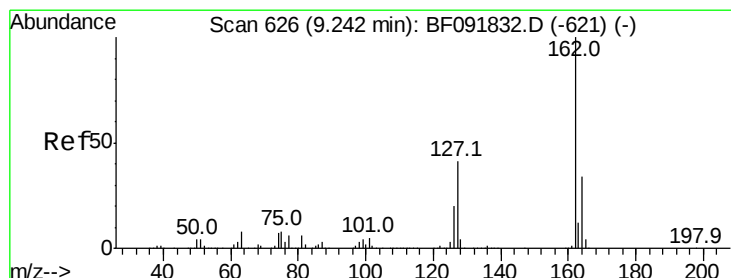
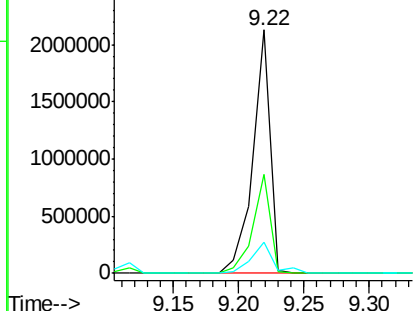
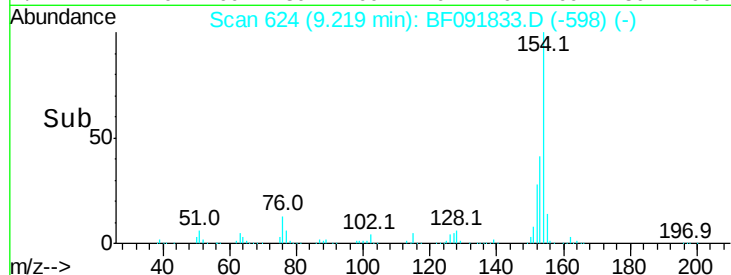


#45
1,1'-Biphenyl
Concen: 48.34 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:154 Resp: 1961556
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 12.7 0.0 30.5

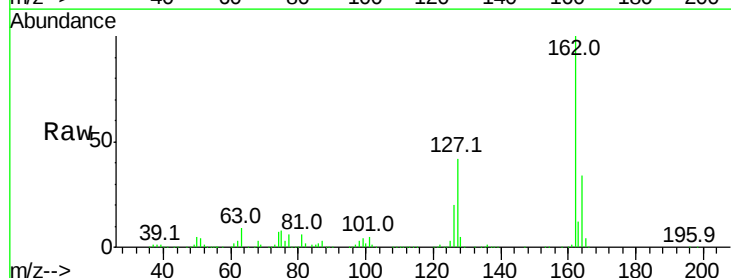


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

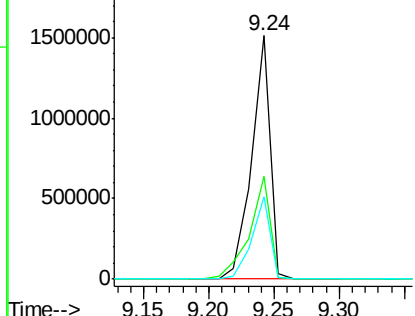
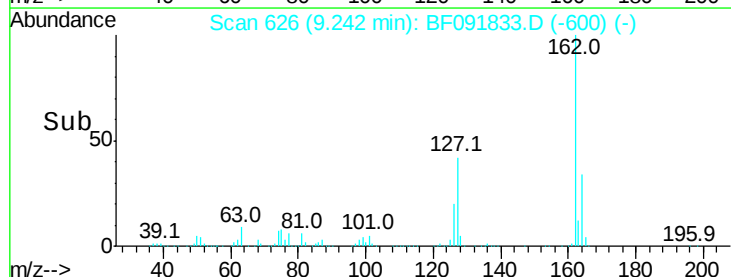


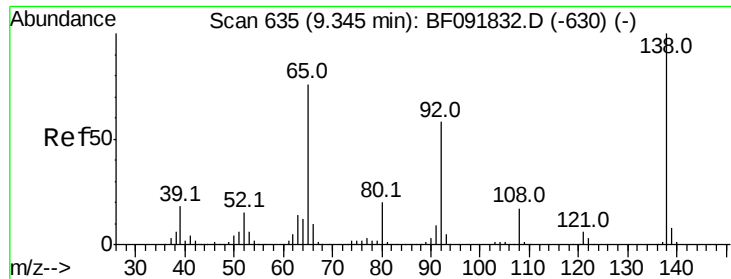
#46
2-Chloronaphthalene
Concen: 49.40 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:162 Resp: 1498022
Ion Ratio Lower Upper
162 100
127 42.0 30.7 46.1
164 33.6 27.6 41.4



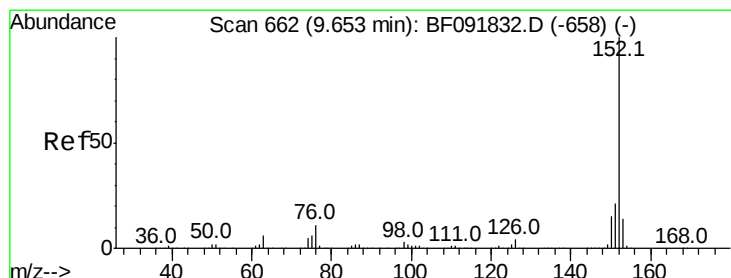
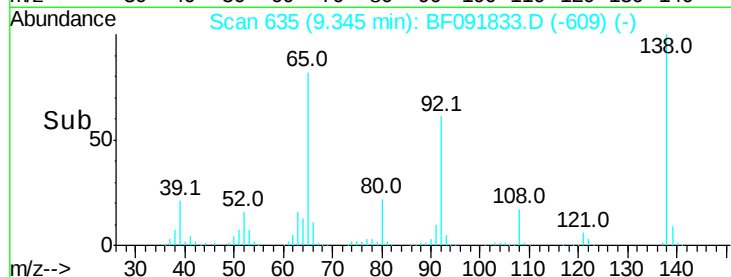
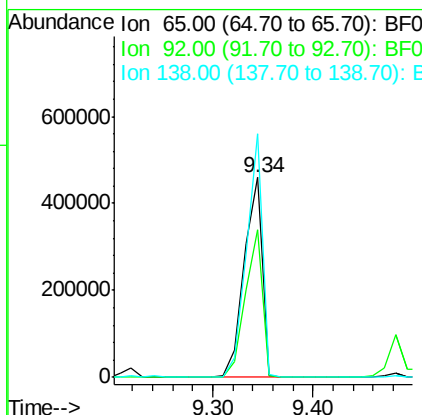
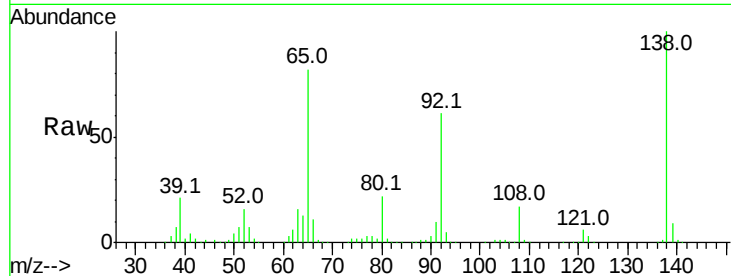
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





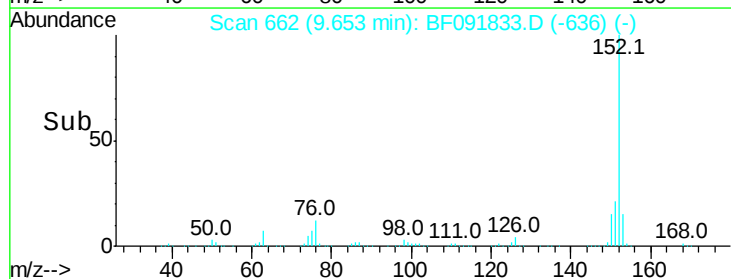
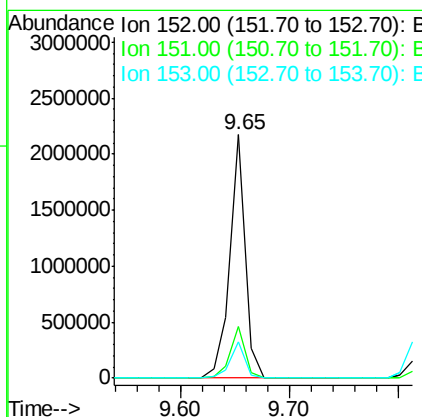
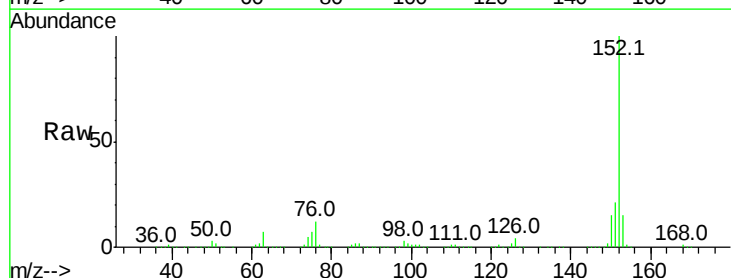
#47
 2-Nitroaniline
 Concen: 55.69 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

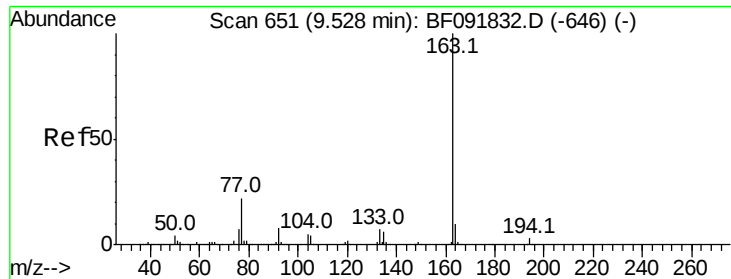
Tot Ion: 65 Resp: 576601
 Ion Ratio Lower Upper
 65 100
 92 73.8 53.9 80.9
 138 121.8 76.8 115.2#



#48
 Acenaphthylene
 Concen: 44.81 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion:152 Resp: 2105308
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.9 25.3
 153 14.6 11.4 17.2





#49

Dimethylphthalate

Concen: 45.39 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

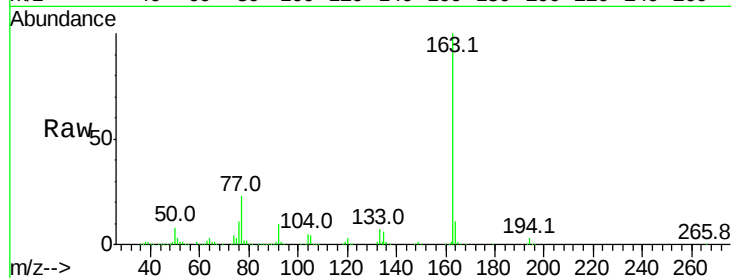
Tot Ion:163 Resp: 1678614

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

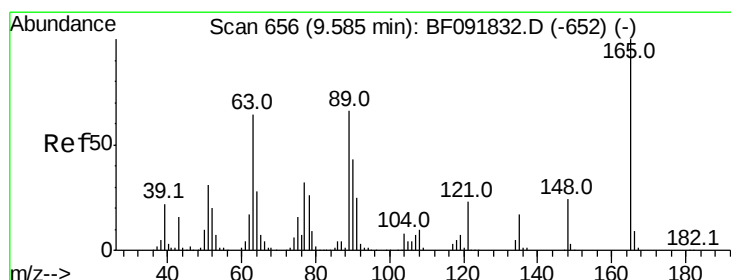
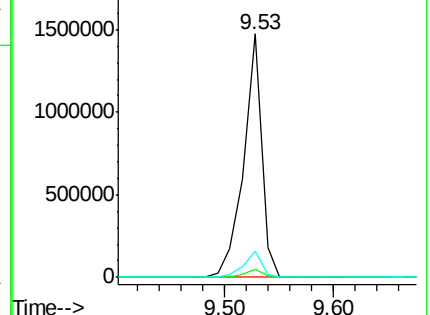
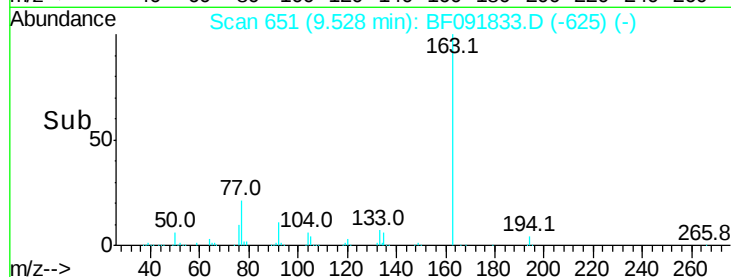
164 10.6 8.0 12.0



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: 42.93 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

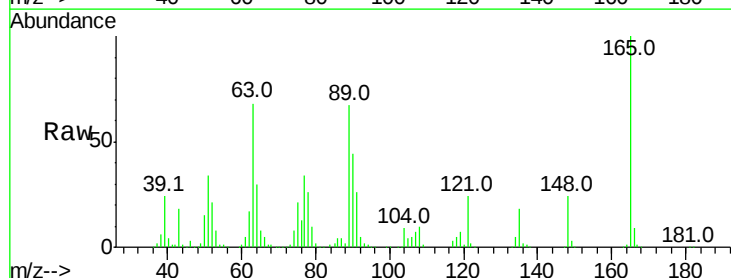
Tgt Ion:165 Resp: 348136

Ion Ratio Lower Upper

165 100

63 68.0 36.2 54.4#

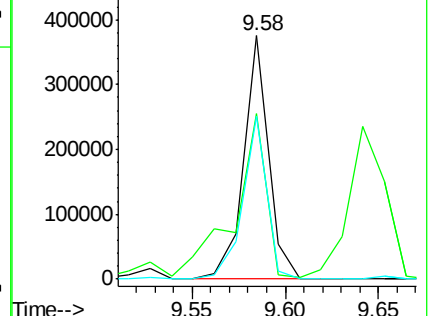
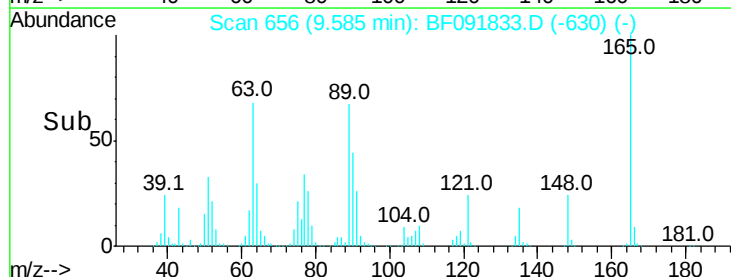
89 66.8 40.2 60.4#

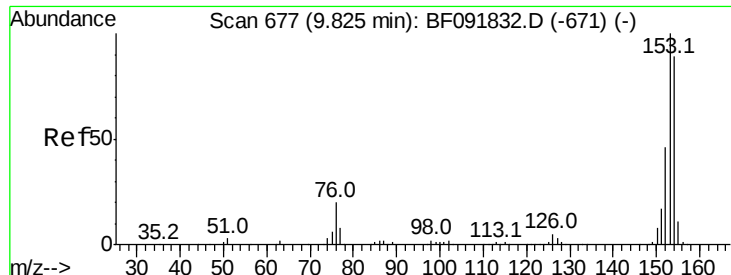


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

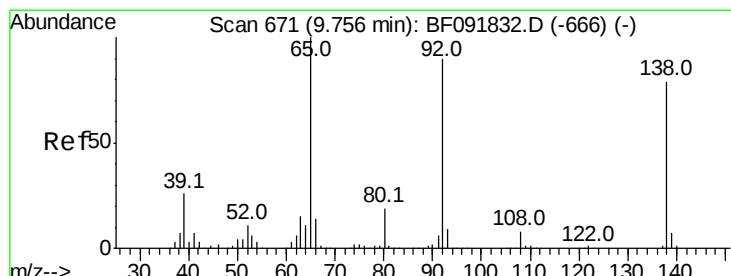
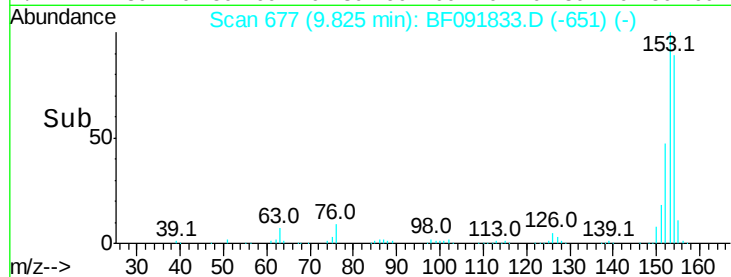
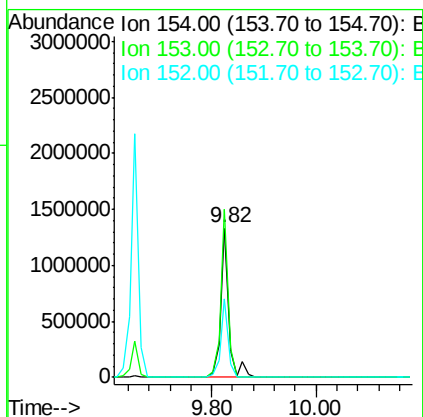
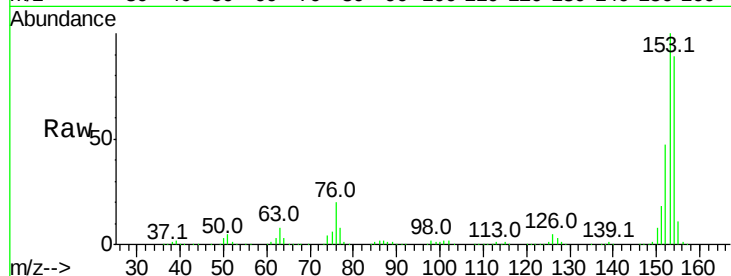




#51
 Acenaphthene
 Concen: 44.81 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion:154 Resp: 1445008

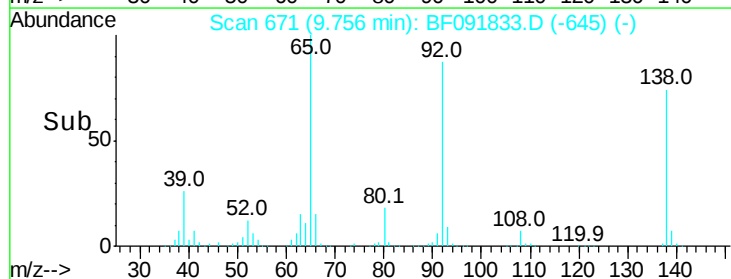
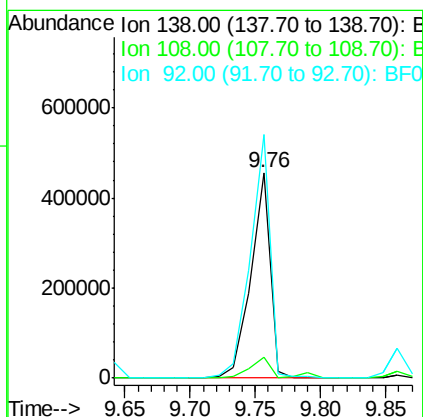
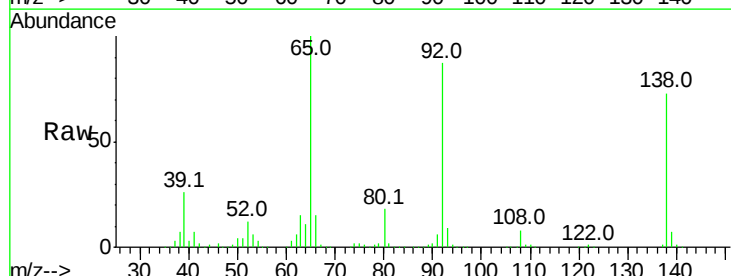
Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.6	133.0
152	52.2	41.6	62.4

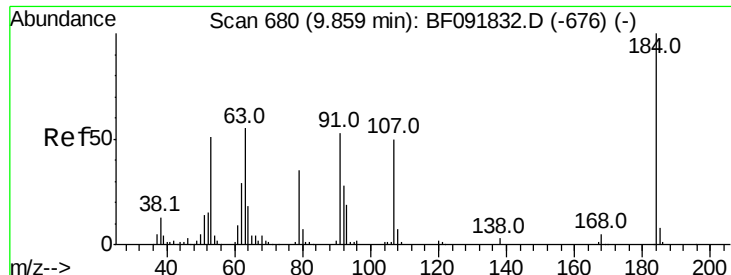


#52
 3-Nitroaniline
 Concen: 47.10 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion:138 Resp: 475509

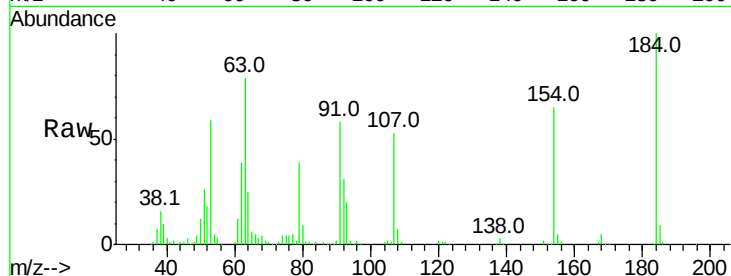
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.5	12.7
92	118.4	97.8	146.8



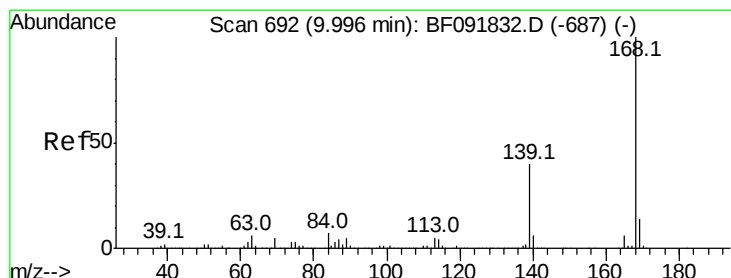
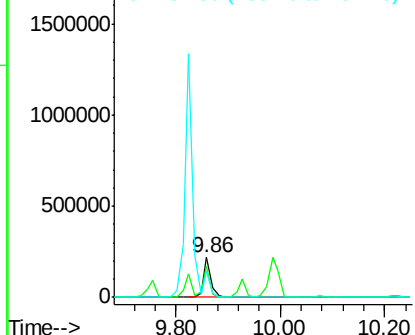
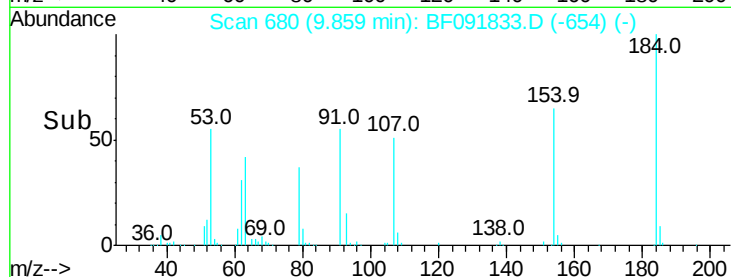


#53
2,4-Dinitrophenol
Concen: 51.92 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:184 Resp: 227412
Ion Ratio Lower Upper
184 100
63 78.6 28.4 42.6#
154 64.8 44.3 66.5

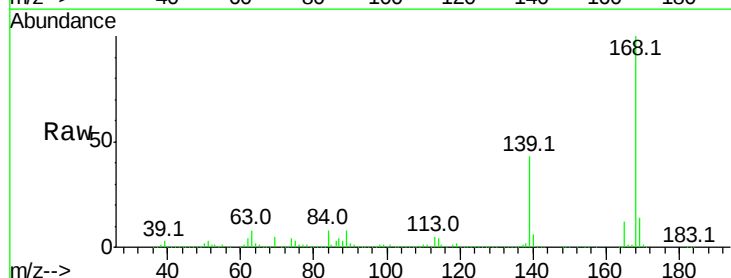


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

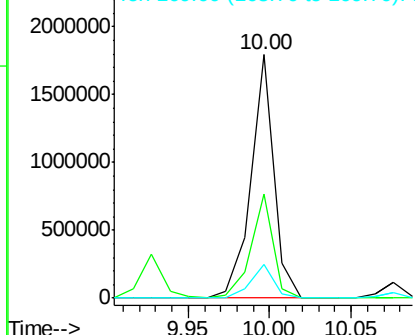
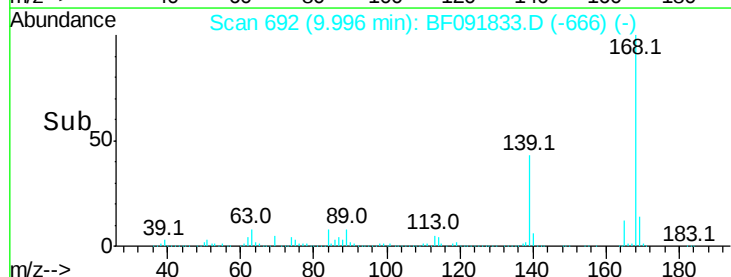


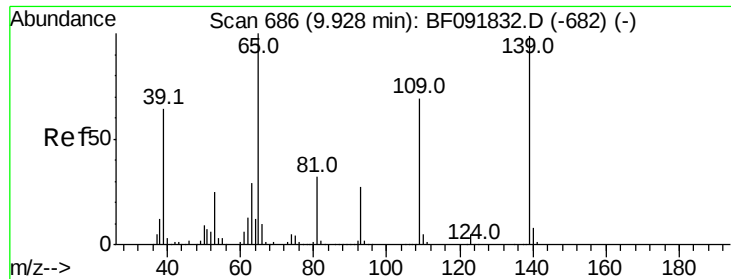
#54
Dibenzofuran
Concen: 45.52 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:168 Resp: 1745505
Ion Ratio Lower Upper
168 100
139 43.0 32.6 49.0
169 14.0 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: 44.84 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

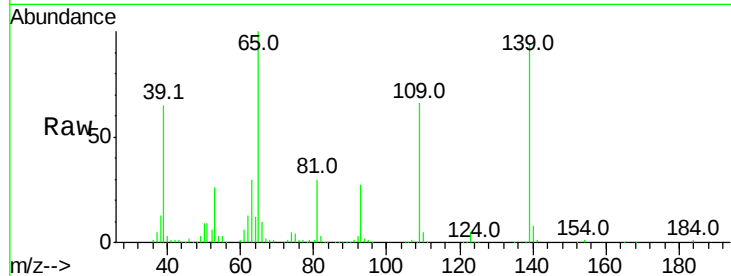
Tot Ion:139 Resp: 314375

Ion Ratio Lower Upper

139 100

109 70.2 52.2 92.2

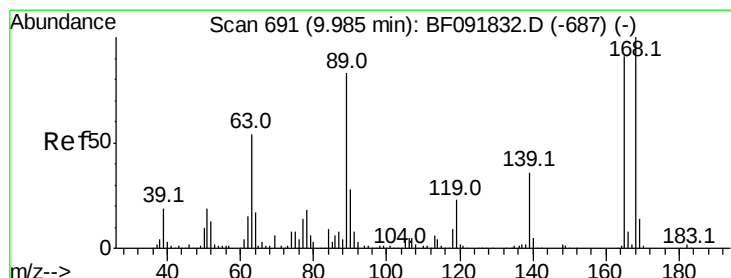
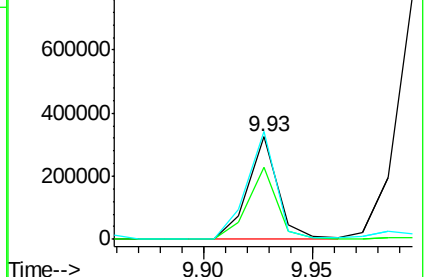
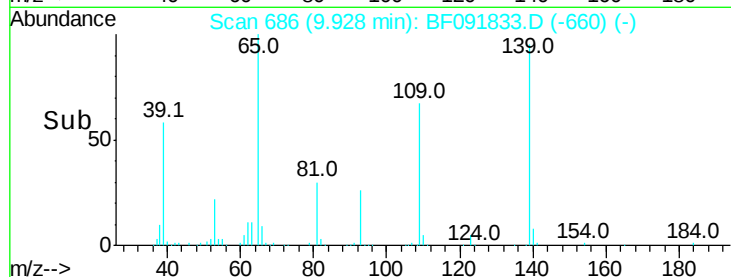
65 106.0 85.8 125.8



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: 45.26 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:165 Resp: 458479

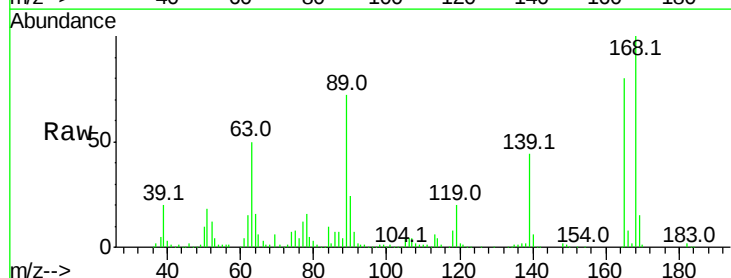
Ion Ratio Lower Upper

165 100

63 62.9 40.2 60.4#

89 90.6 62.5 93.7

182 2.2 1.8 2.8

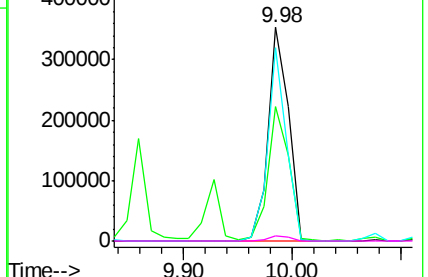
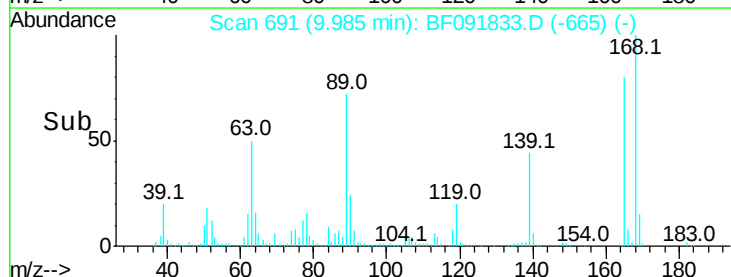


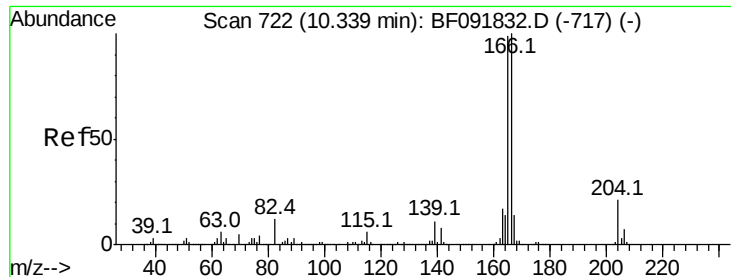
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

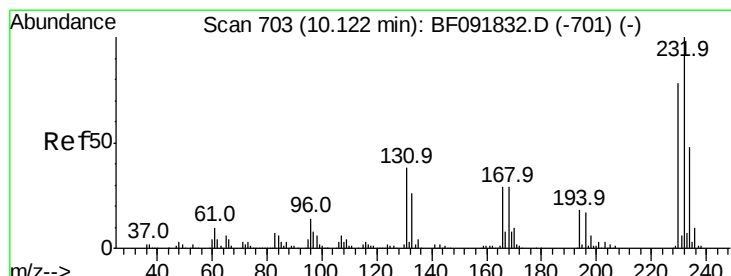
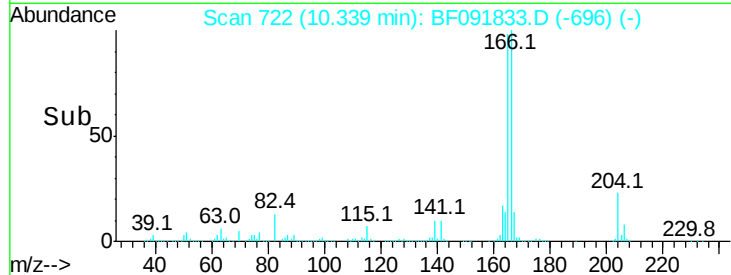
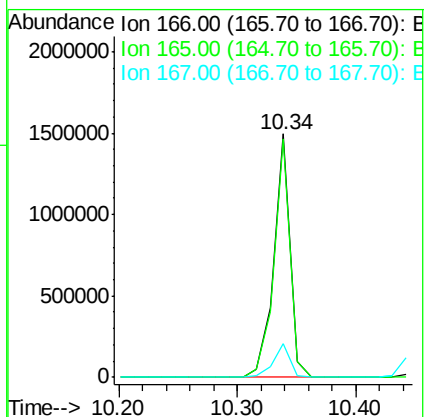
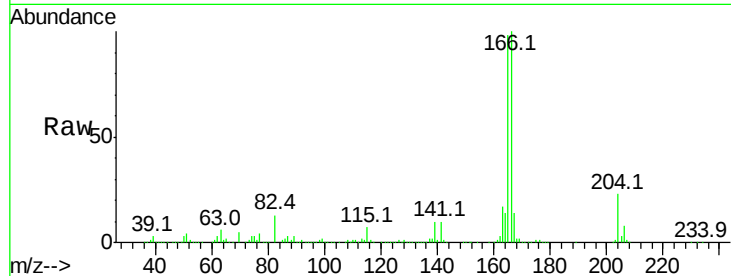
Ion 182.00 (181.70 to 182.70): E





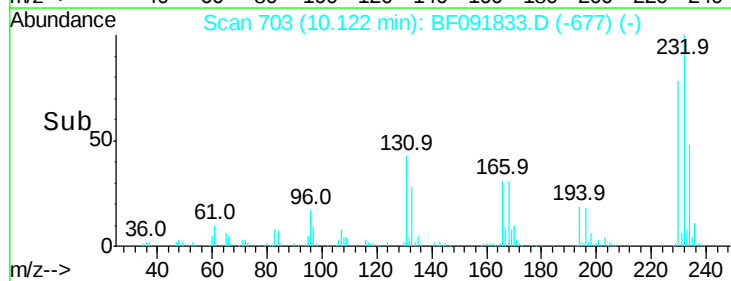
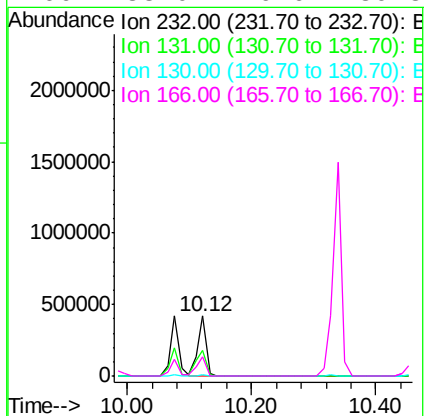
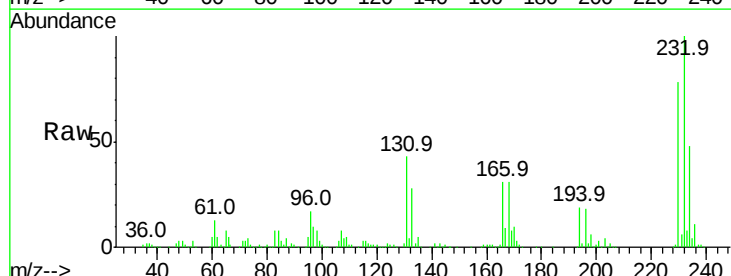
#57
 Fluorene
 Concen: 47.81 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

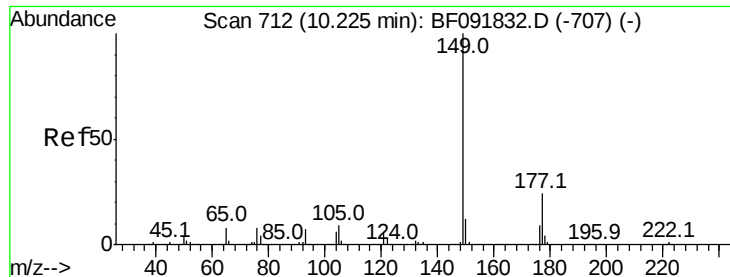
Tot Ion:166 Resp: 1424115
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.8 116.8
 167 14.0 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.62 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

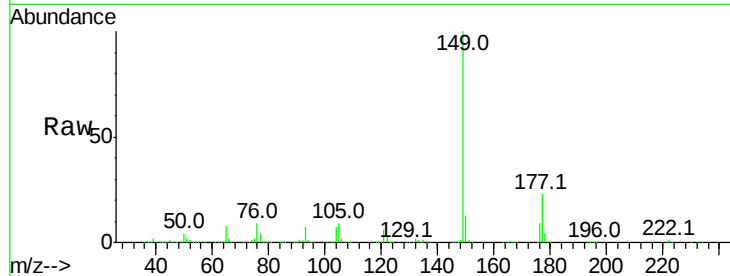
Tgt Ion:232 Resp: 406415
 Ion Ratio Lower Upper
 232 100
 131 49.6 40.1 60.1
 130 2.3 1.8 2.8
 166 33.0 26.6 39.8



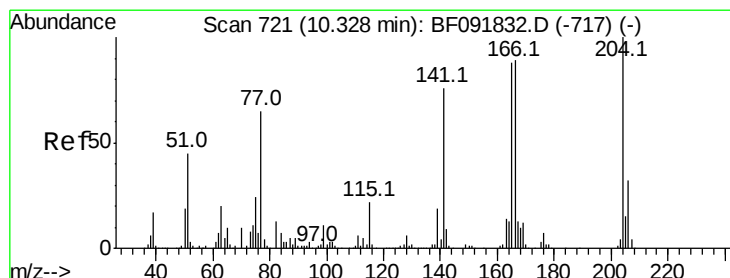
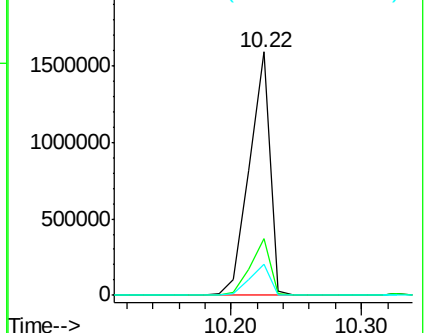
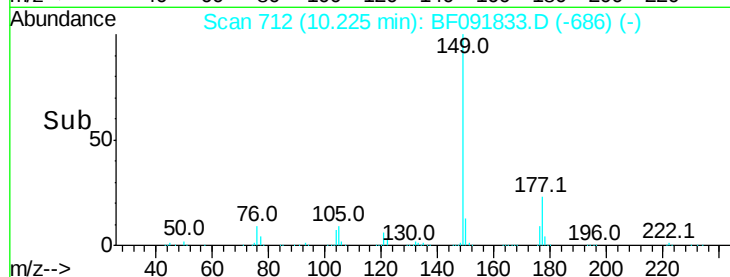


#59
Diethylphthalate
Concen: 47.99 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:149 Resp: 1744683
Ion Ratio Lower Upper
149 100
177 23.2 16.6 25.0
150 12.8 10.4 15.6

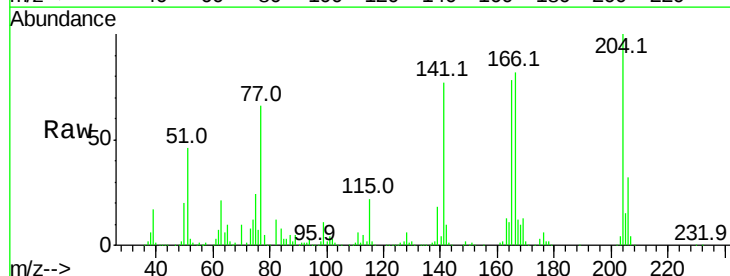


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

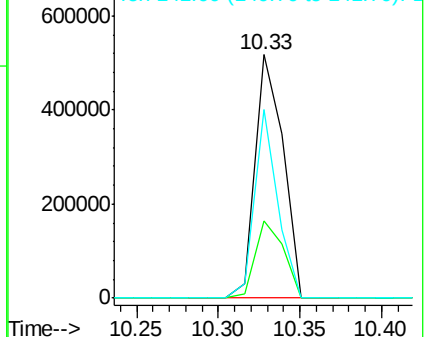
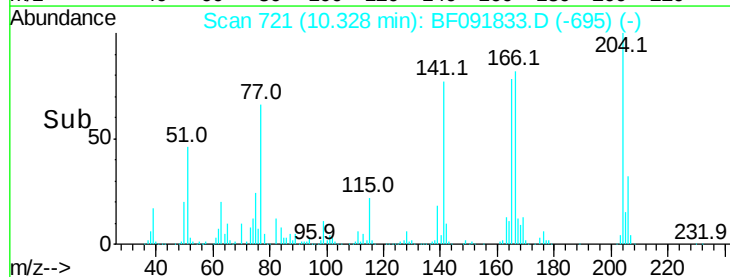


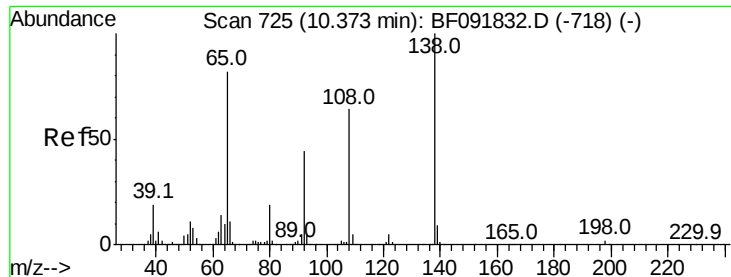
#60
4-Chlorophenyl-phenylether
Concen: 45.51 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:204 Resp: 617508
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.6
141 77.2 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: 53.57 ng

RT: 10.37 min Scan# 725

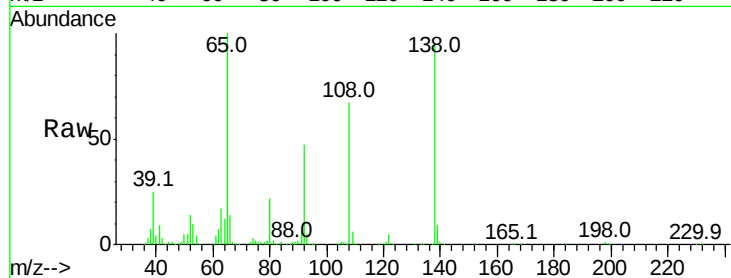
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion:138 Resp: 512377

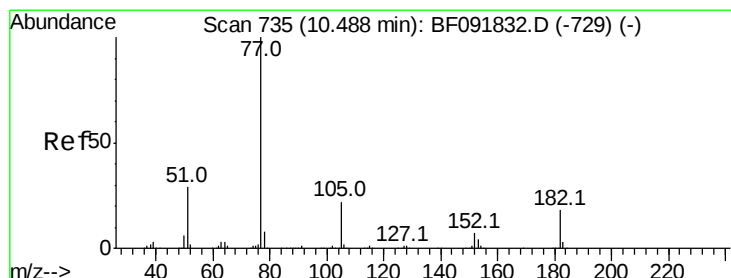
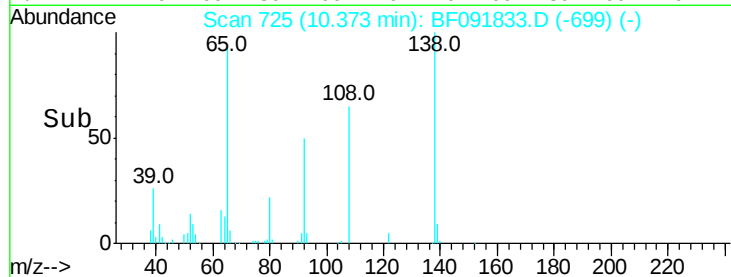
Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.7	71.7
108	70.4	52.6	92.6



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: 44.93 ng

RT: 10.49 min Scan# 735

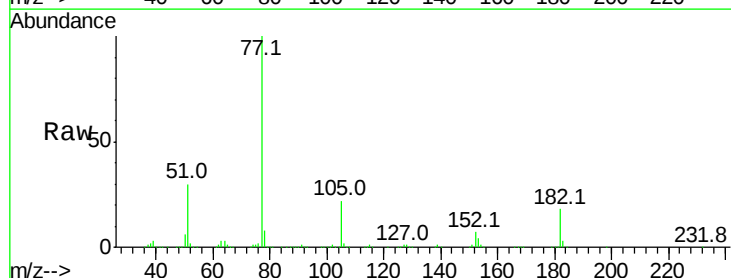
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion: 77 Resp: 1737734

Ion	Ratio	Lower	Upper
77	100		
182	17.9	0.0	39.3
105	22.4	2.3	42.3
51	29.9	8.9	48.9

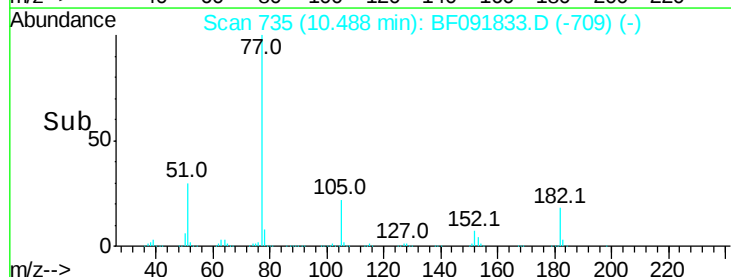


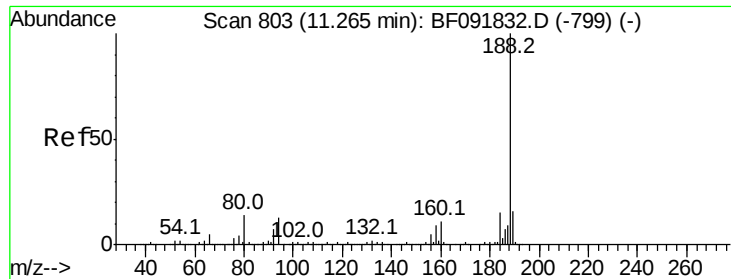
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF091833.D

Acq: 21 Dec 2016 14:05

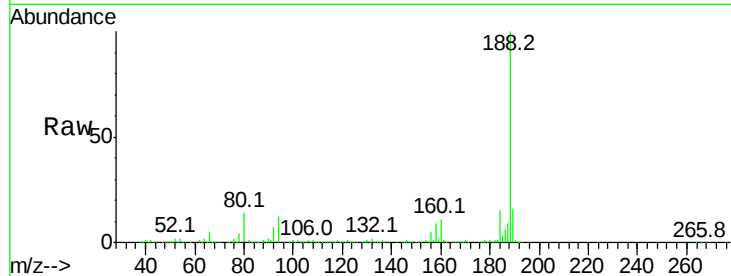
Tot Ion:188 Resp: 919669

Ion Ratio Lower Upper

188 100

94 12.3 10.0 15.0

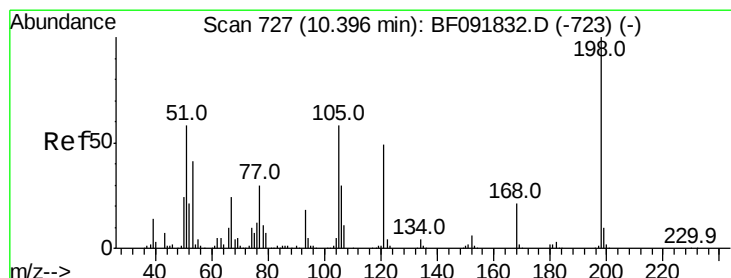
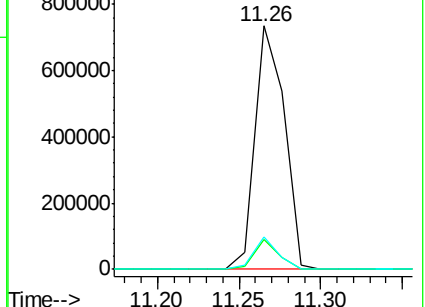
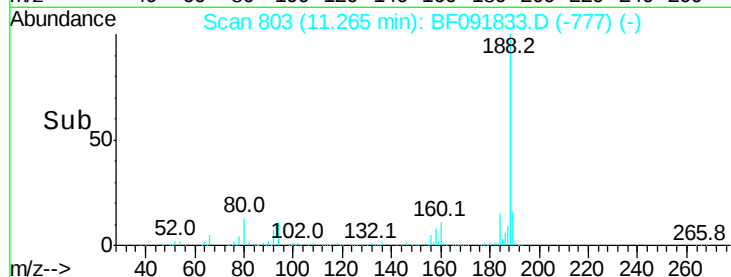
80 13.5 11.2 16.8



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: 44.97 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

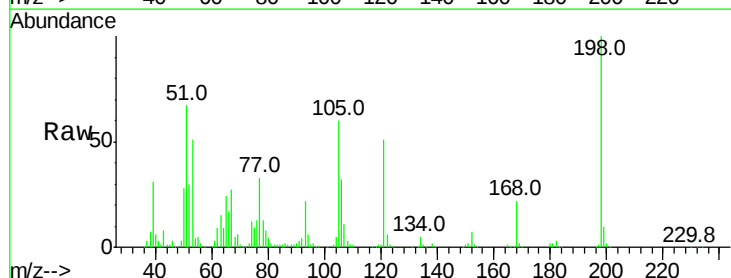
Tgt Ion:198 Resp: 272780

Ion Ratio Lower Upper

198 100

51 66.9 6.7 46.7#

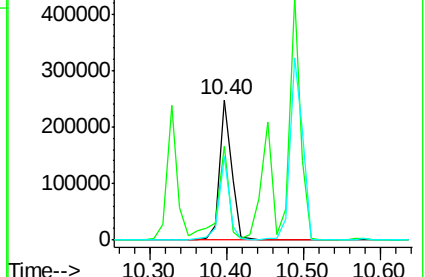
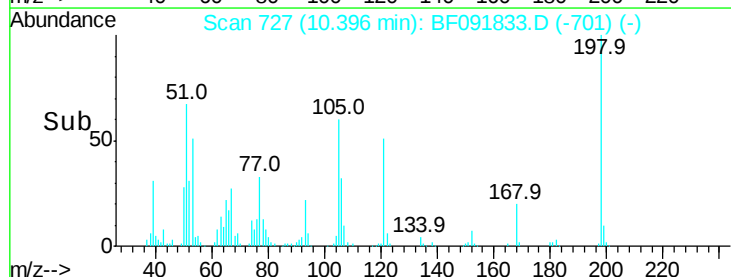
105 59.9 16.6 56.6#

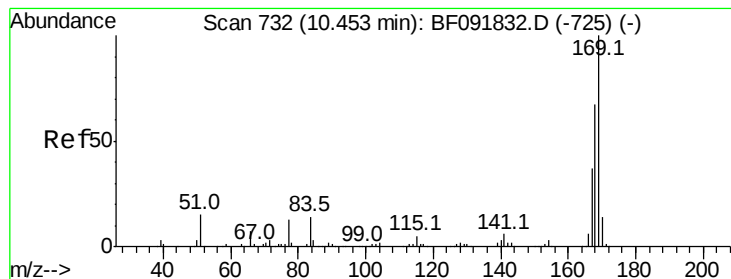


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.25 ng

RT: 10.45 min Scan# 732

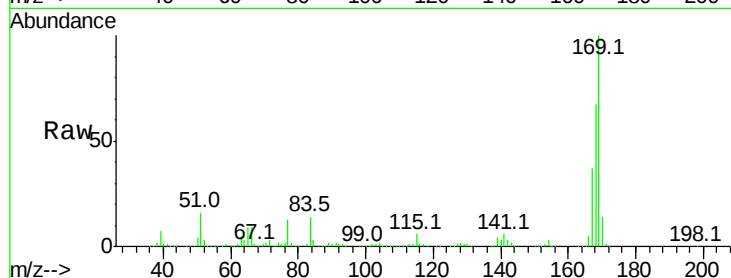
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion:169 Resp: 1263738

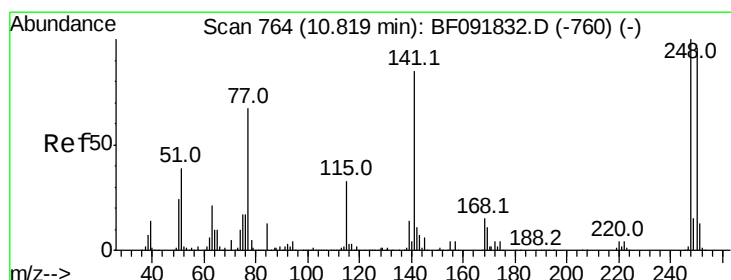
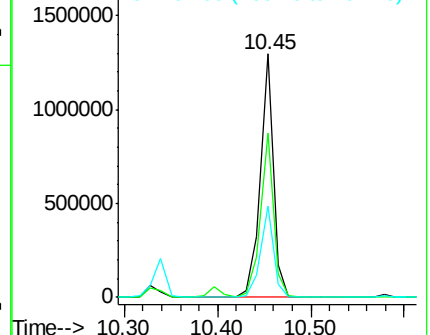
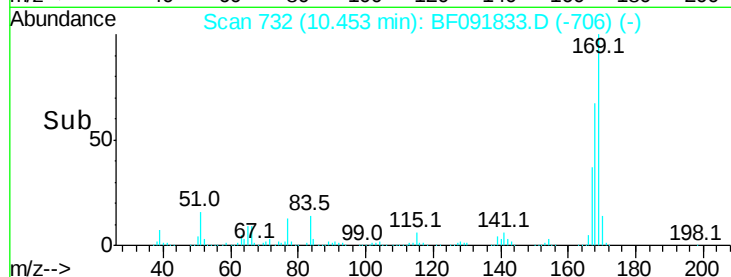
Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.2	81.2
167	37.3	30.2	45.4



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: 44.38 ng

RT: 10.82 min Scan# 764

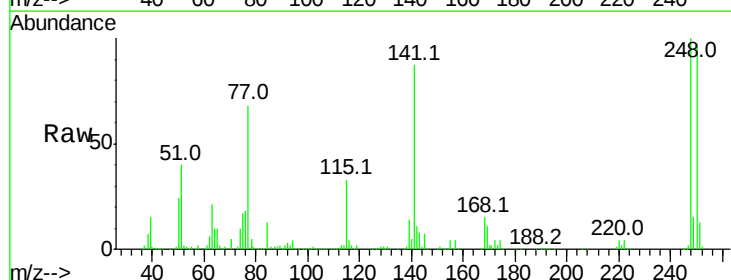
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:248 Resp: 427971

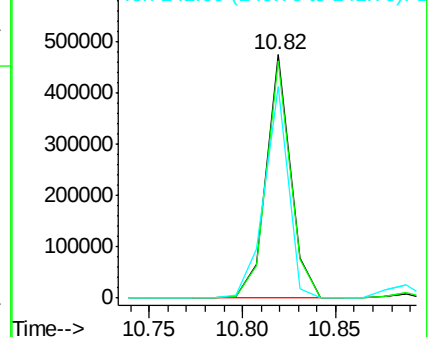
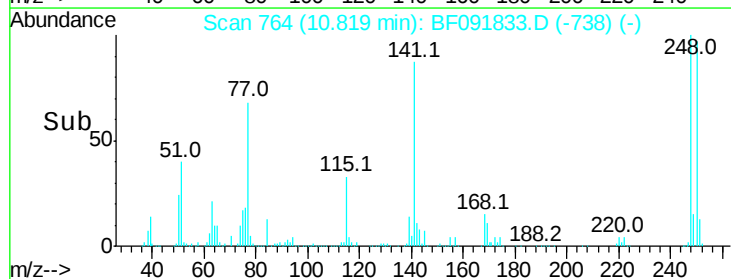
Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	87.1	68.2	102.4



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: 48.45 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

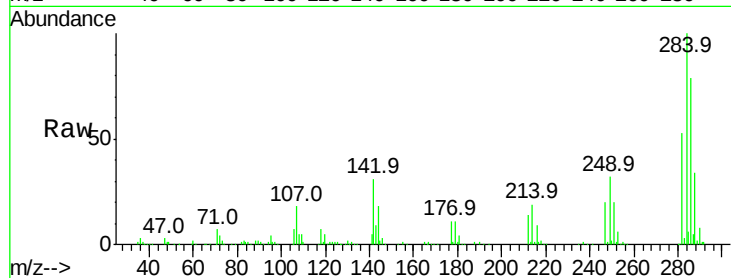
Tot Ion:284 Resp: 489594

Ion Ratio Lower Upper

284 100

142 31.2 22.6 33.8

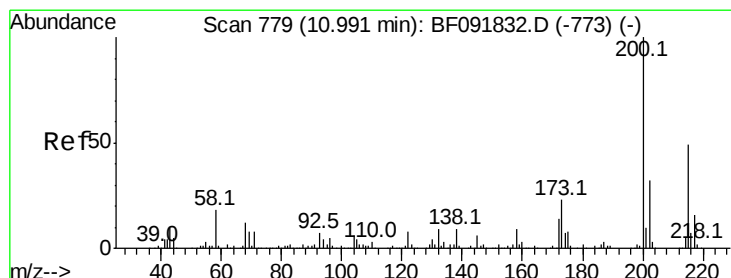
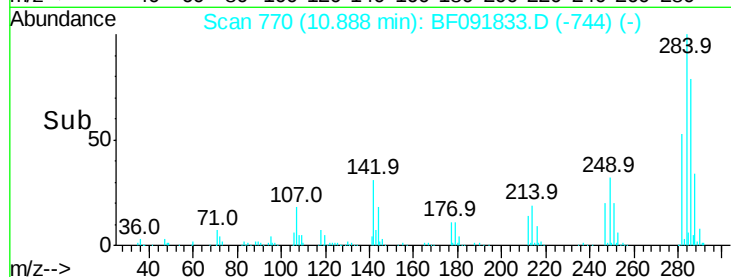
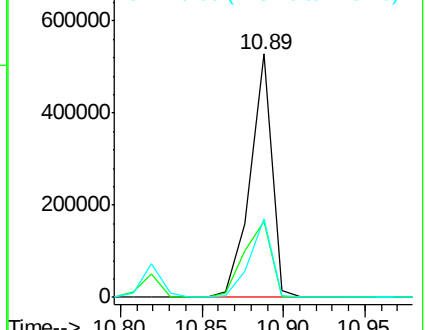
249 32.0 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.12 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

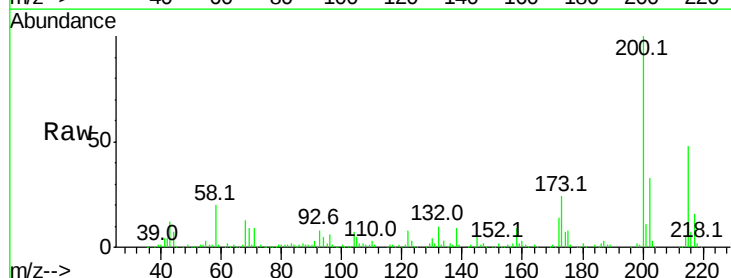
Tgt Ion:200 Resp: 397984

Ion Ratio Lower Upper

200 100

173 24.1 9.6 49.6

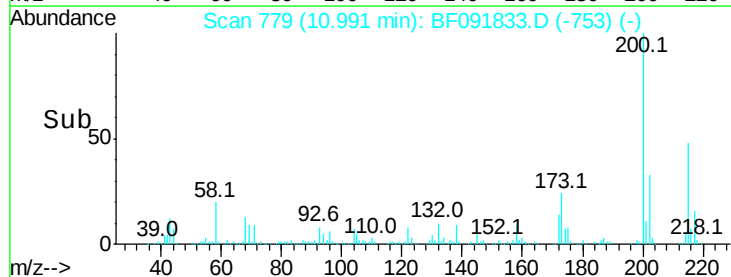
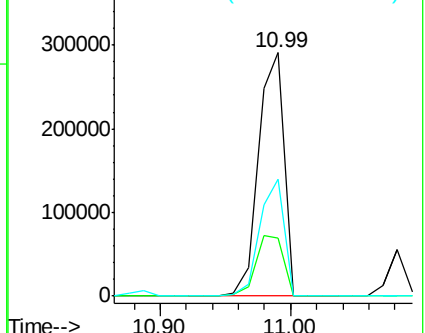
215 47.8 25.7 65.7

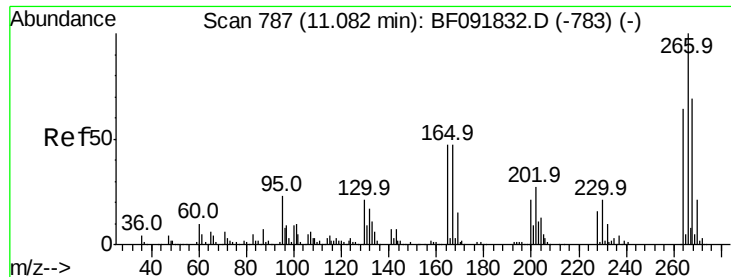


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

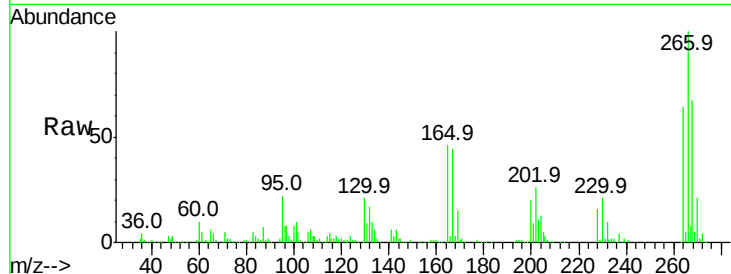
Ion 215.00 (214.70 to 215.70): E



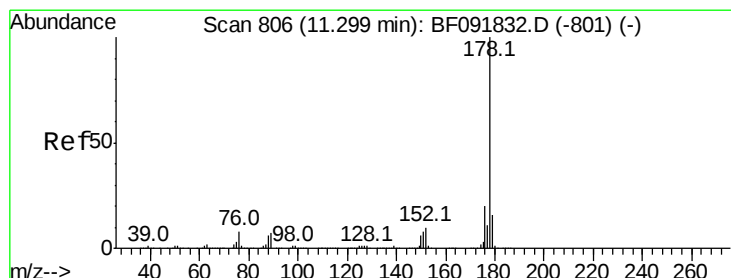
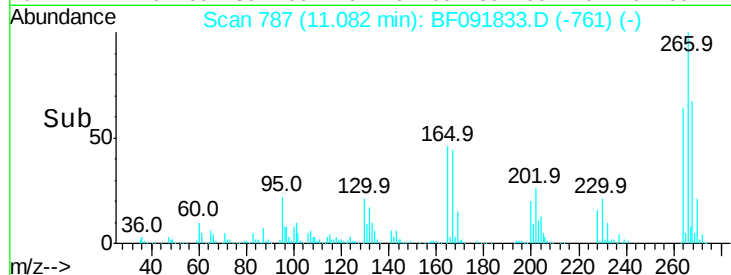
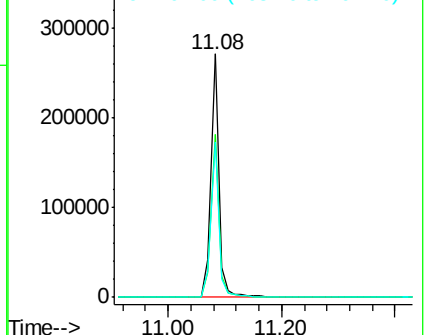


#69
 Pentachlorophenol
 Concen: 47.20 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	63.8	50.3	75.5

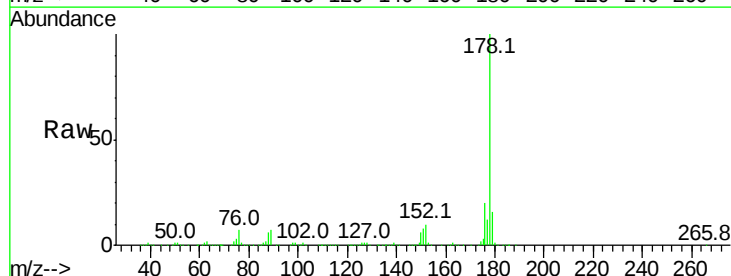


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

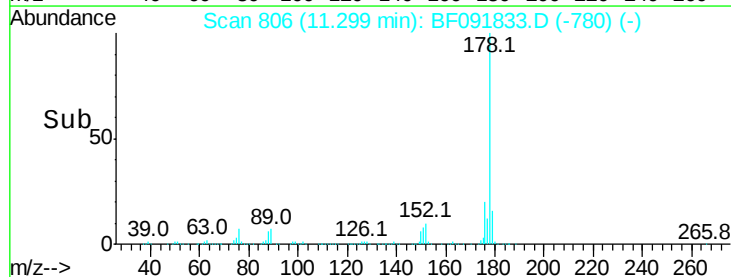
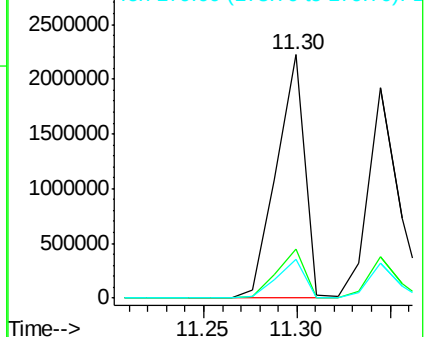


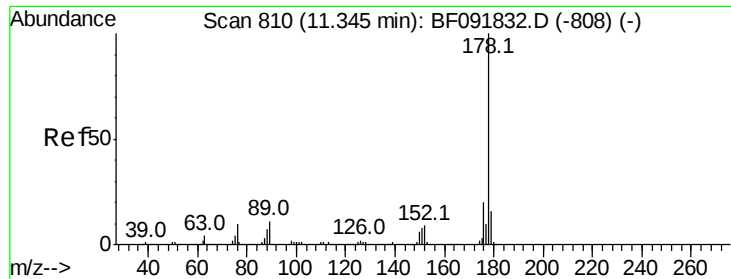
#70
 Phenanthrene
 Concen: 51.22 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	16.1	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

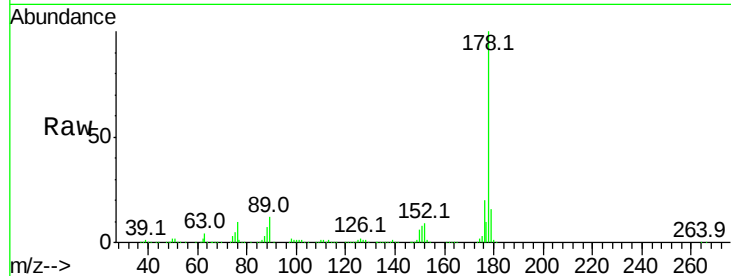




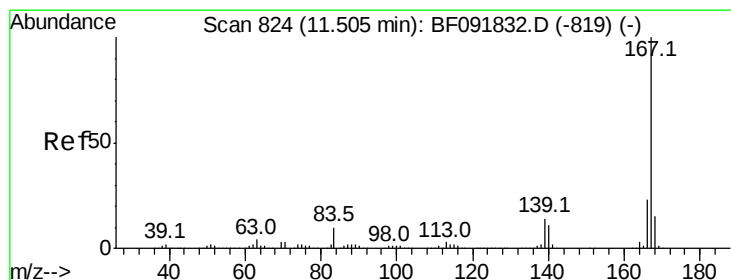
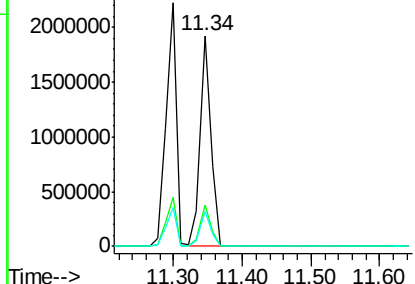
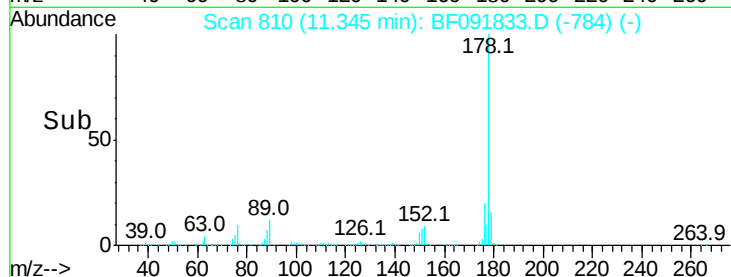
#71
 Anthracene
 Concen: 42.16 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion:178 Resp: 2052125

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.4	13.2	19.8



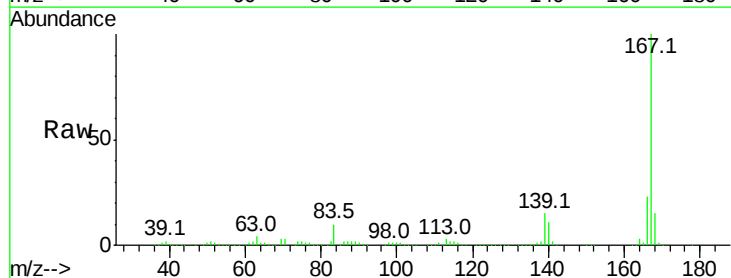
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



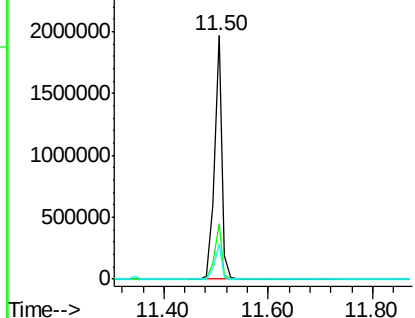
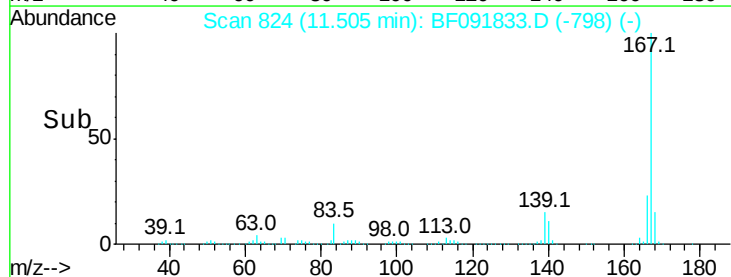
#72
 Carbazole
 Concen: 45.24 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

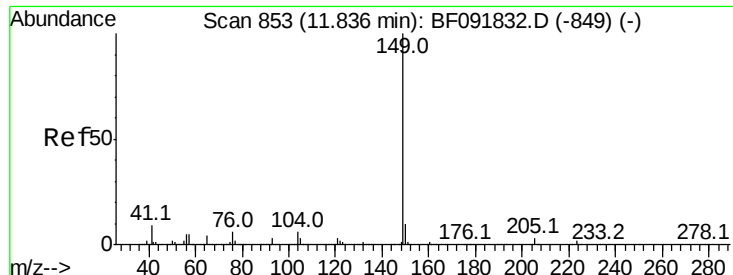
Tgt Ion:167 Resp: 1925688

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.2
139	14.6	11.4	17.2



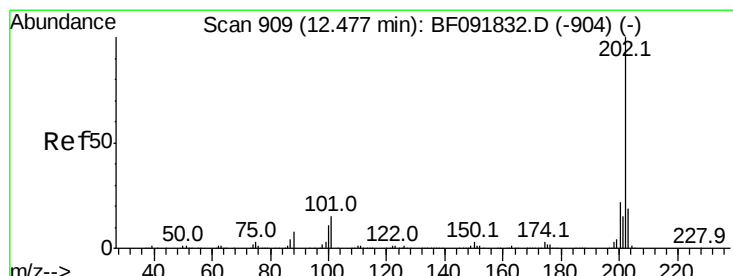
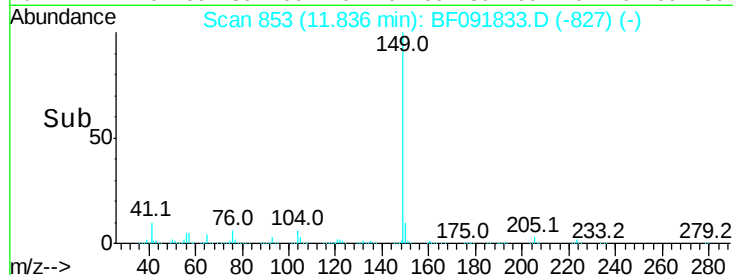
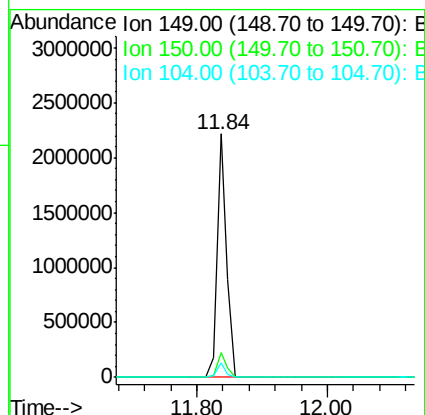
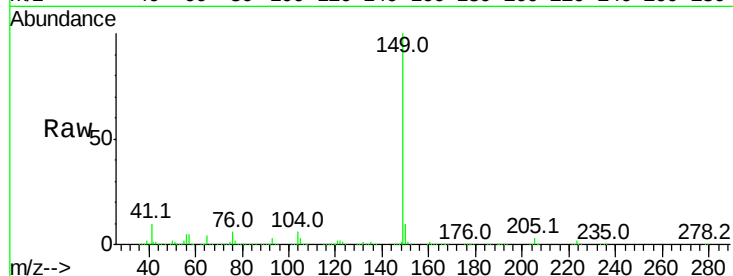
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





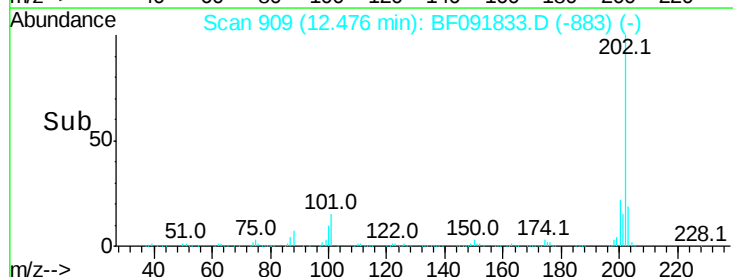
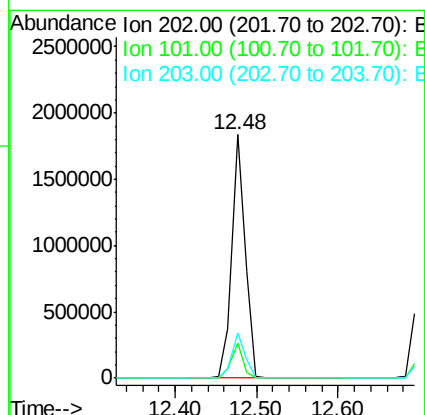
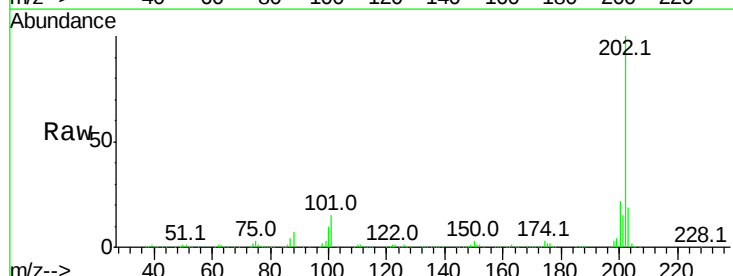
#73
Di-n-butylphthalate
Concen: 41.61 ng
RT: 11.84 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

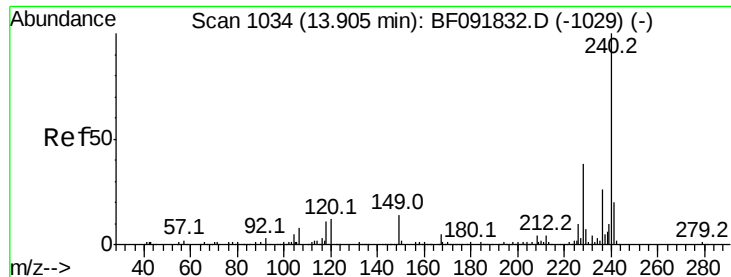
Tot Ion:149 Resp: 2270654
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 5.8 4.6 7.0



#74
Fluoranthene
Concen: 43.50 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

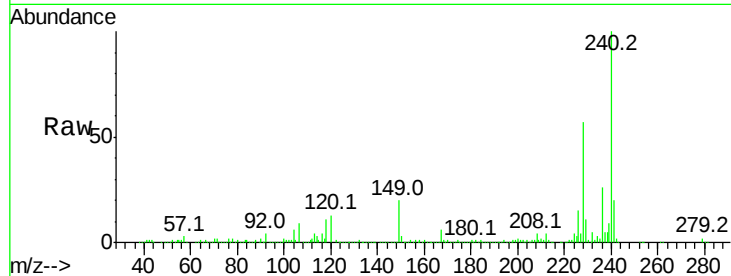
Tgt Ion:202 Resp: 2087961
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.6
203 18.7 0.0 38.7



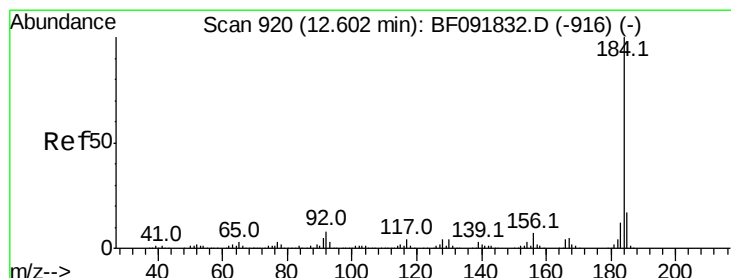
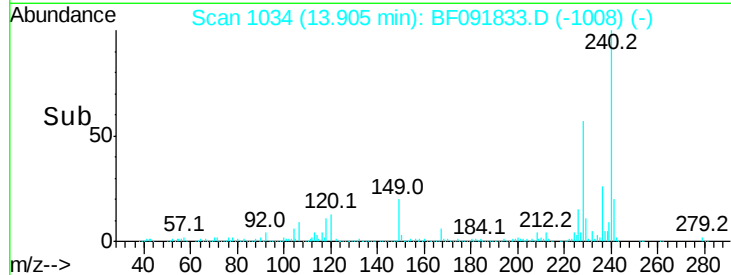
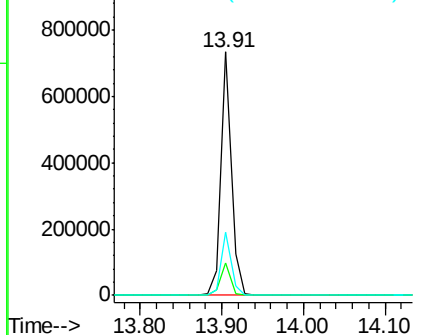


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.9	19.3
236	26.1	20.9	31.3

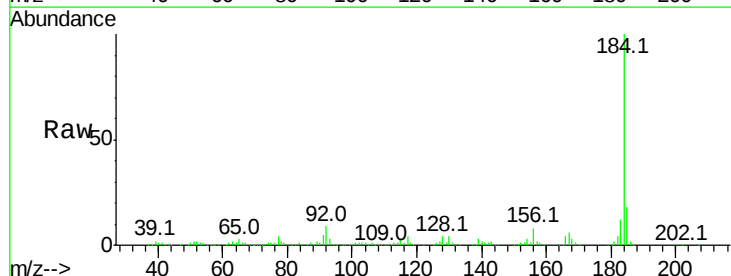


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

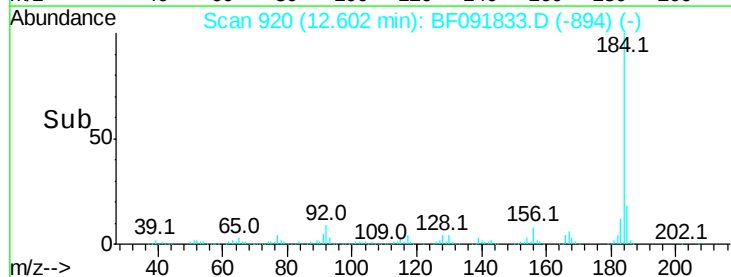
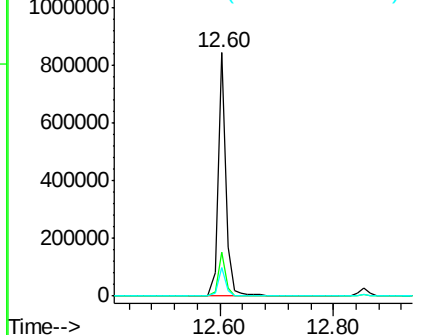


#76
 Benzidine
 Concen: 42.62 ng
 RT: 12.60 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.2	13.4	20.0
183	11.5	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

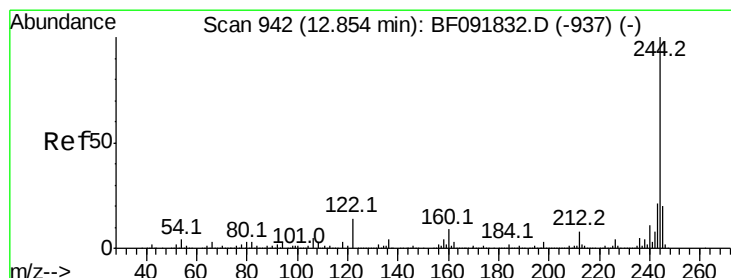
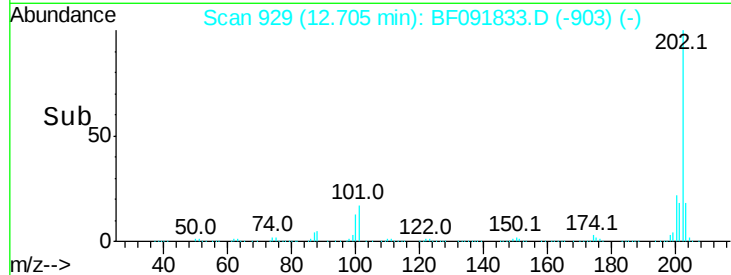
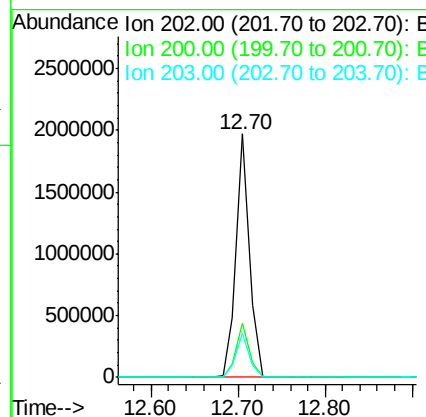
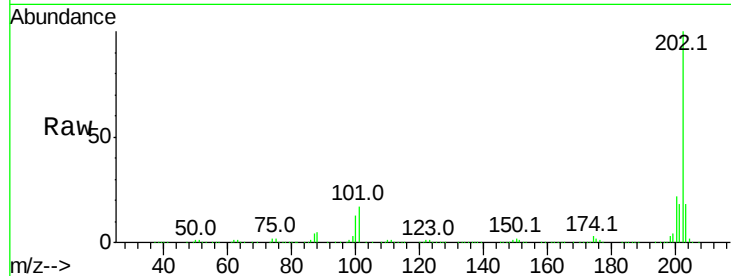




#77
 Pvrene
 Concen: 44.84 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion:202 Resp: 2103725

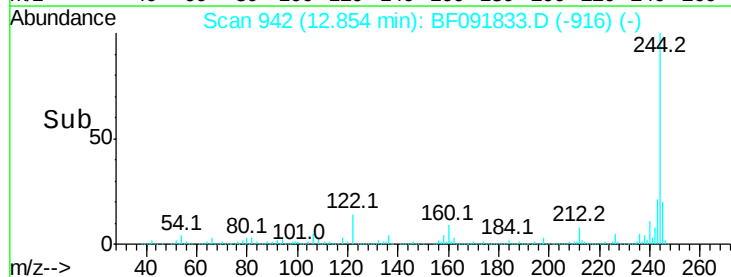
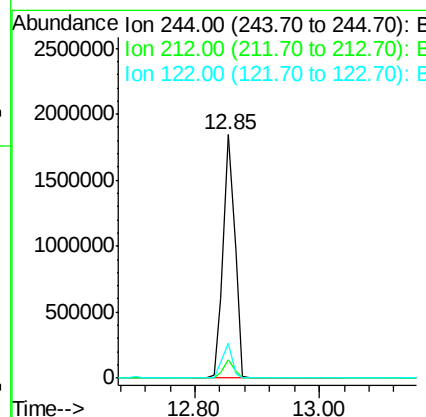
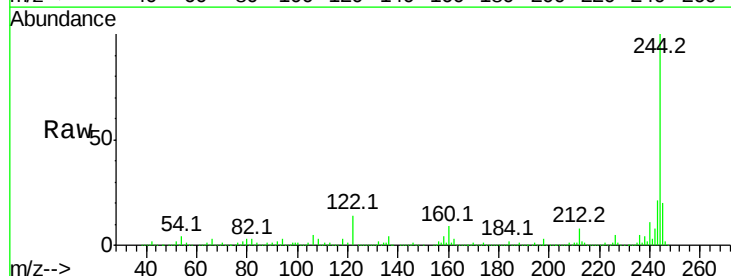
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.3	14.7	22.1

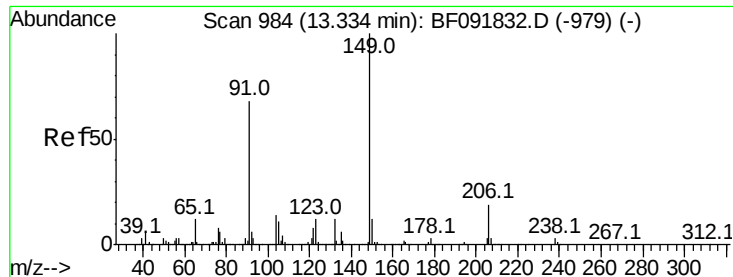


#78
 Terphenyl-d14
 Concen: 92.32 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion:244 Resp: 2375181

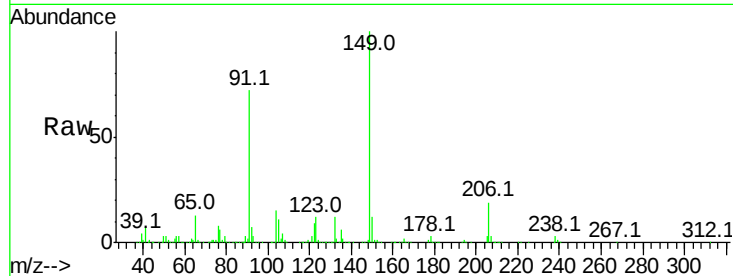
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.2	11.4	17.2



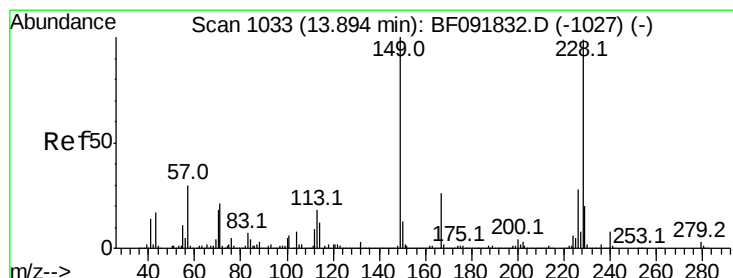
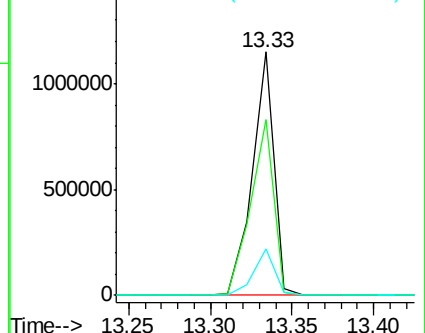
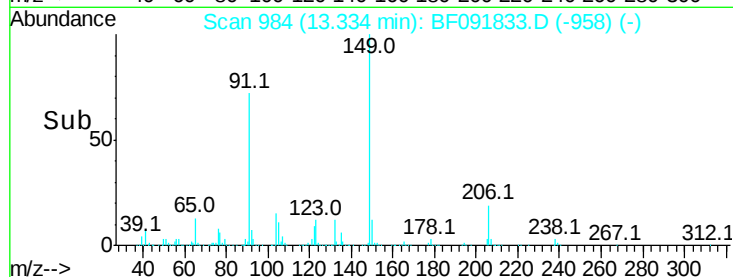


#79
Butylbenzylphthalate
Concen: 48.08 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:149 Resp: 1055801
Ion Ratio Lower Upper
149 100
91 72.0 63.9 95.9
206 19.2 14.6 21.8

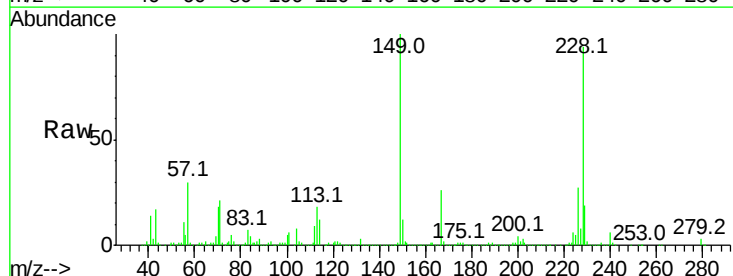


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

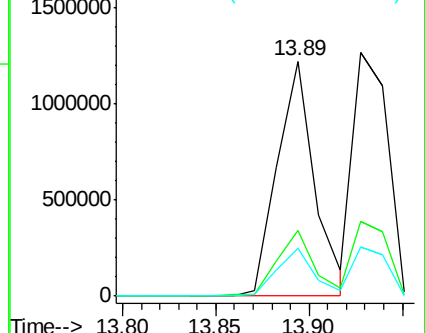
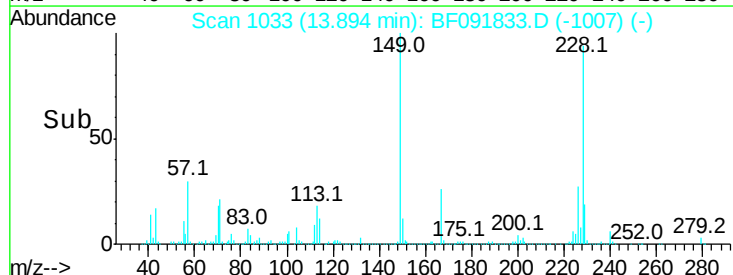


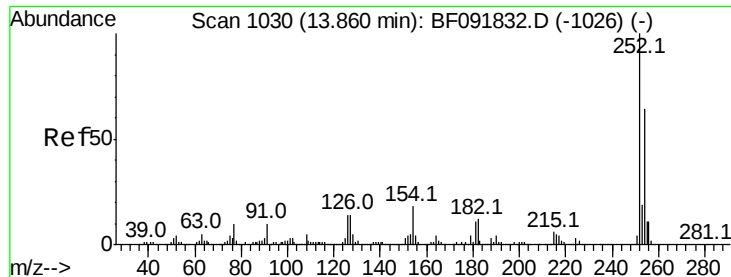
#80
Benzo(a)anthracene
Concen: 45.76 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:228 Resp: 1700538
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.4 16.2 24.4



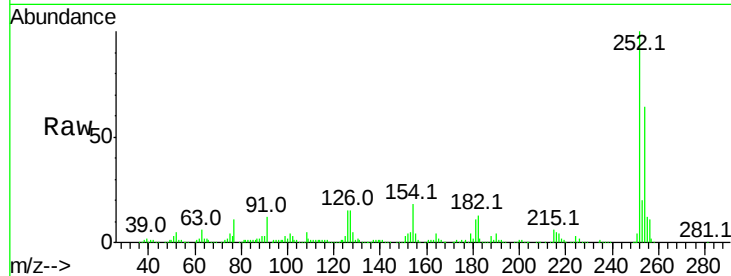
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



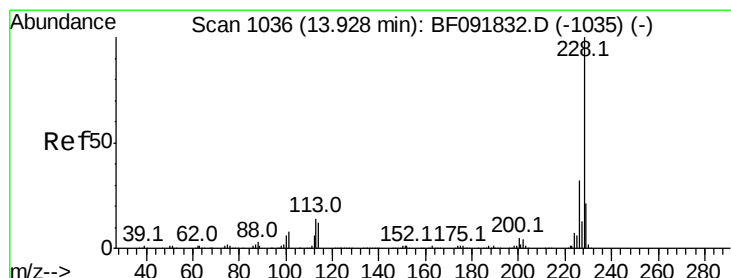
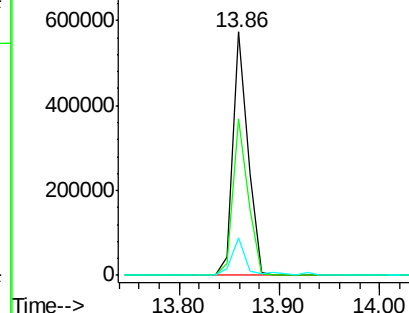
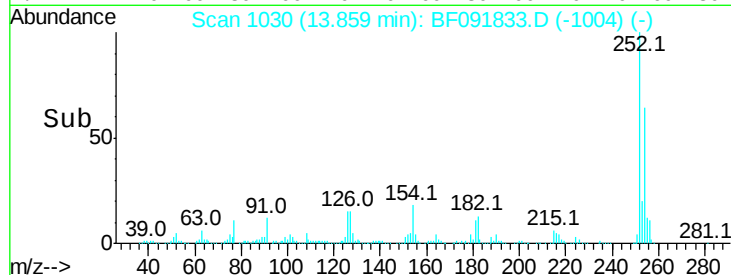


#81
 3,3'-Dichlorobenzidine
 Concen: 40.23 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	15.3	13.6	20.4

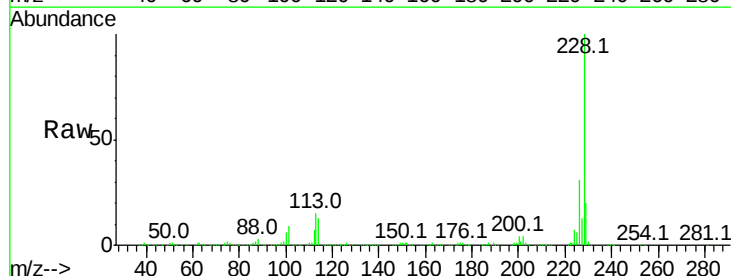


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

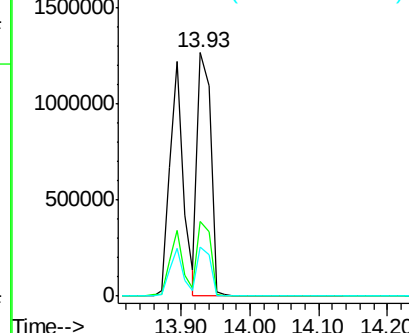
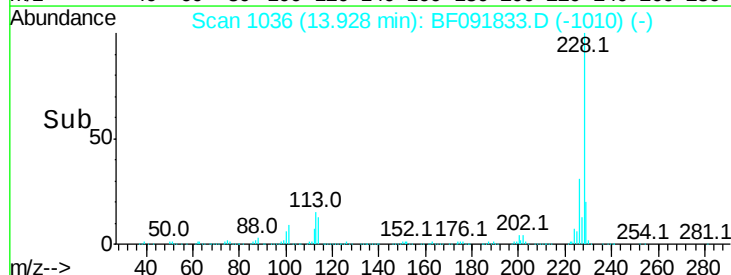


#82
 Chrysene
 Concen: 42.84 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.3	16.2	24.2



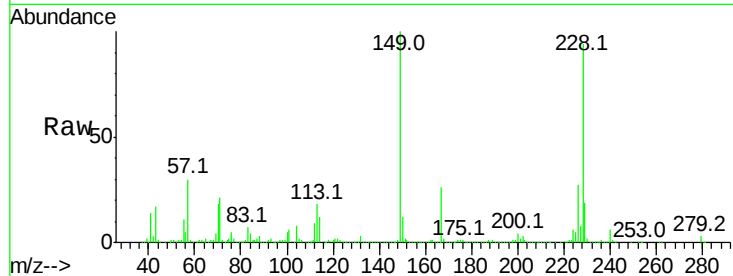
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



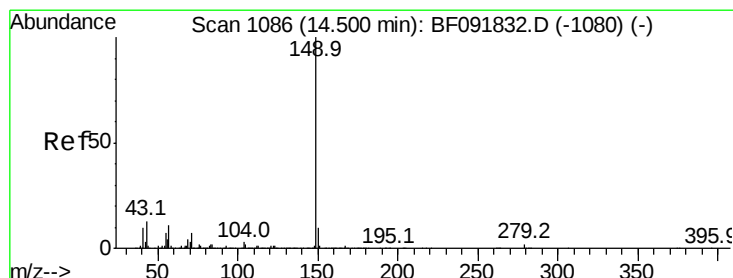
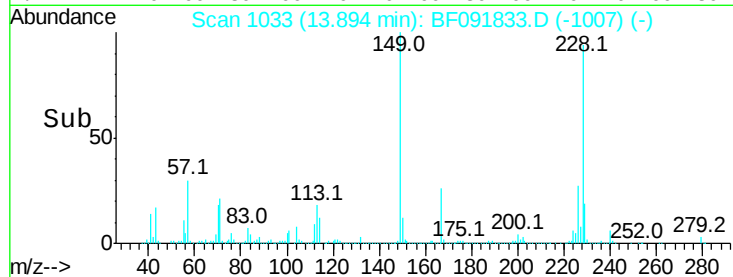
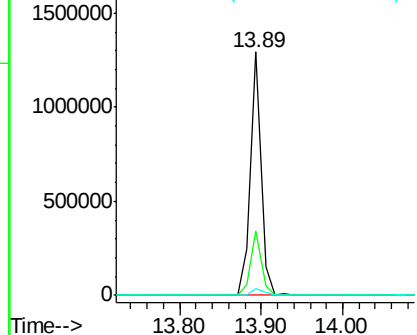


#83
Bis(2-ethylhexyl)phthalate
Concen: 42.23 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion:149 Resp: 1176349
Ion Ratio Lower Upper
149 100
167 26.3 20.2 30.4
279 2.8 1.8 2.8#

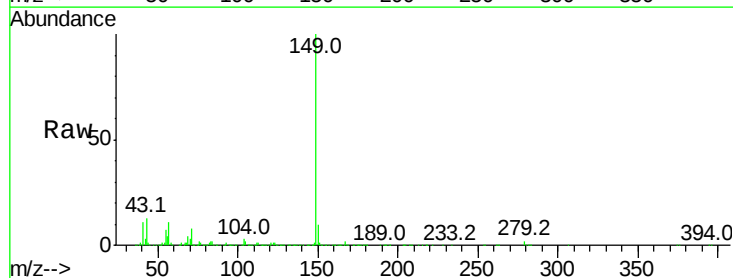


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

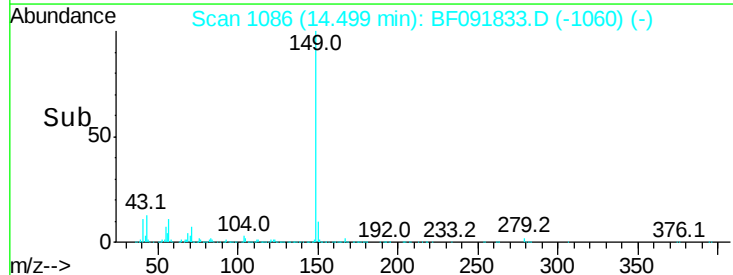
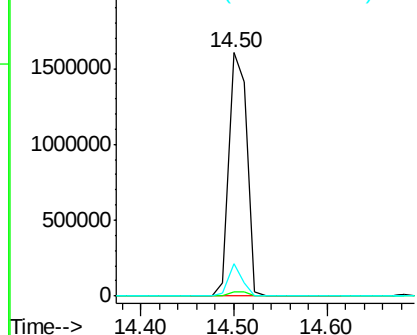


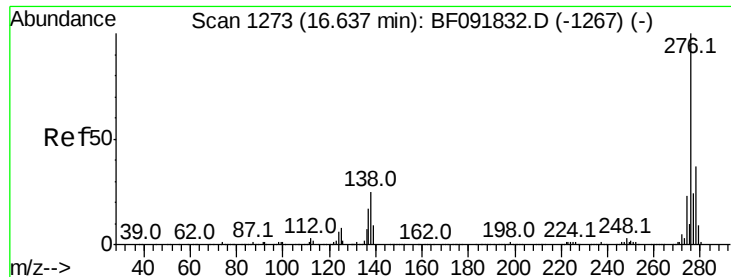
#84
Di-n-octyl phthalate
Concen: 42.03 ng
RT: 14.50 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion:149 Resp: 2157398
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.6 8.9 13.3



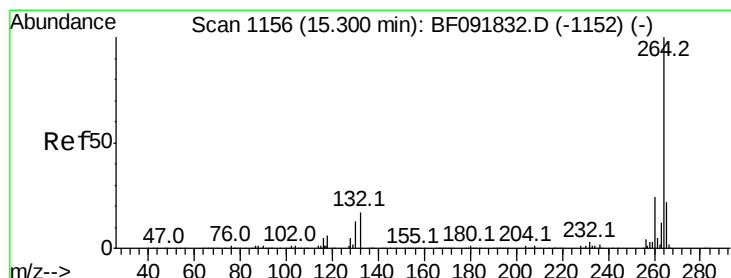
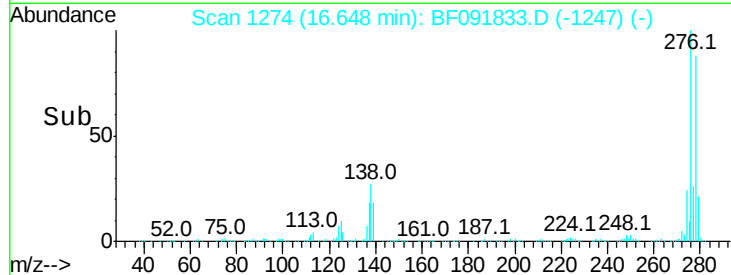
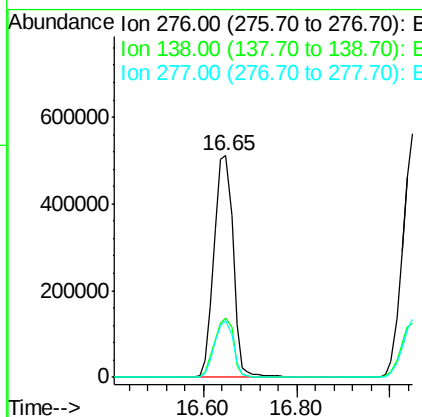
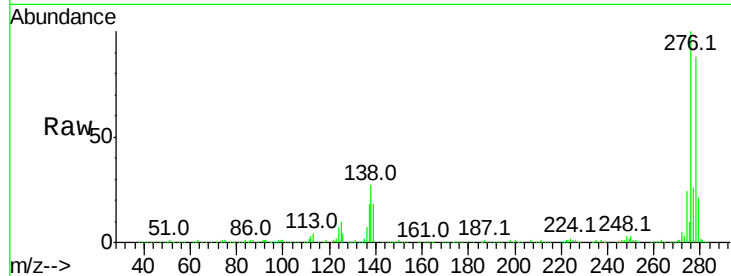
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





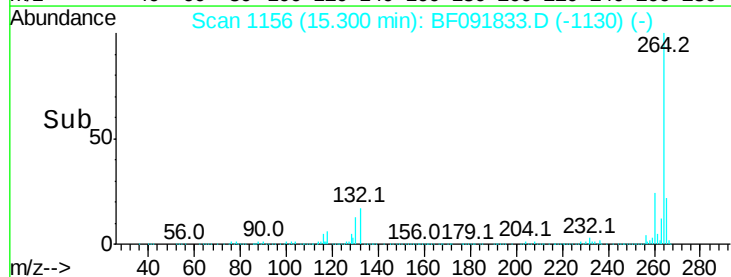
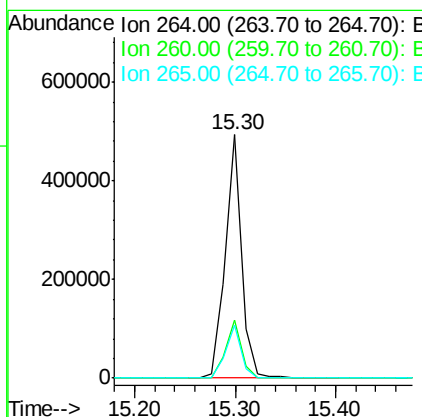
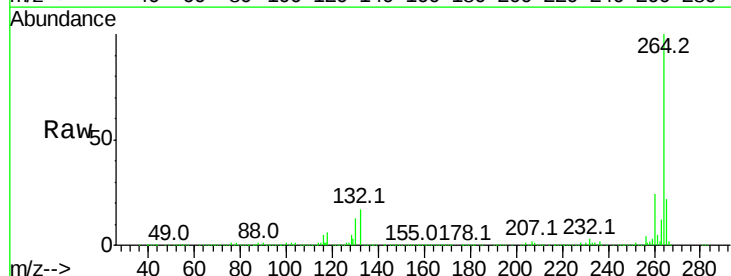
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.56 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

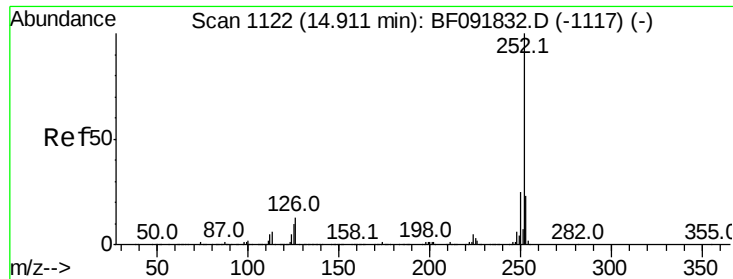
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 86.76 ng

RT: 14.91 min Scan# 1122

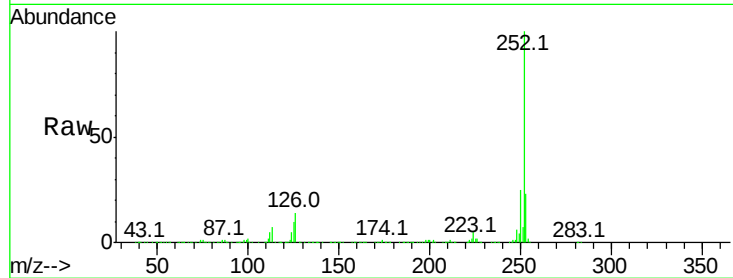
Delta R.T. -0.00 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tot Ion:252 Resp: 3063002

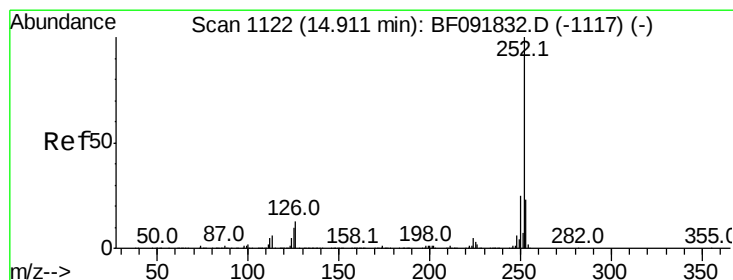
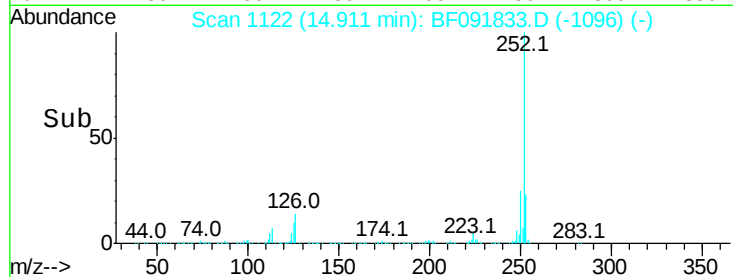
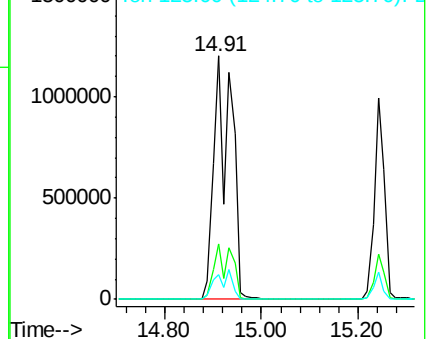
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.3	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 123.66 ng

RT: 14.91 min Scan# 1122

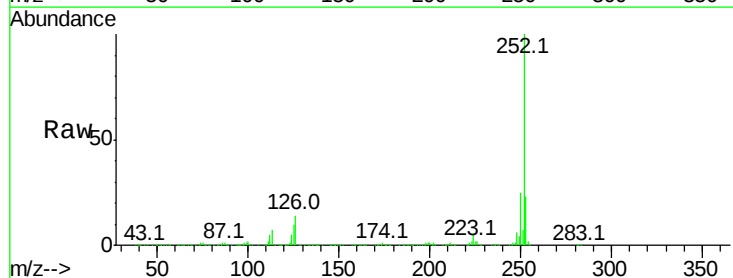
Delta R.T. -0.02 min

Lab File: BF091833.D

Acq: 21 Dec 2016 14:05

Tgt Ion:252 Resp: 3063002

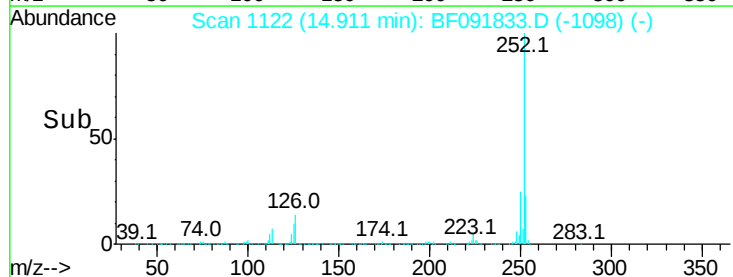
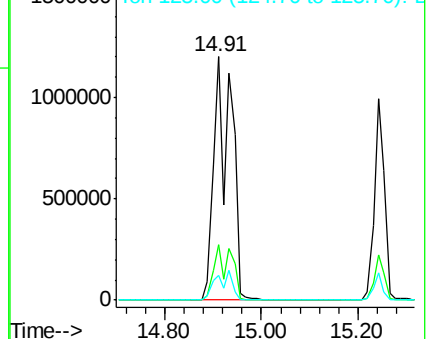
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	10.3	8.9	13.3

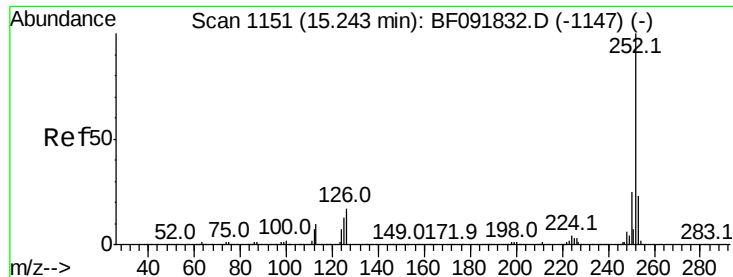


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

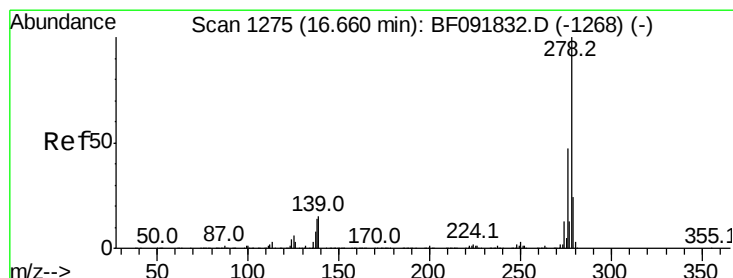
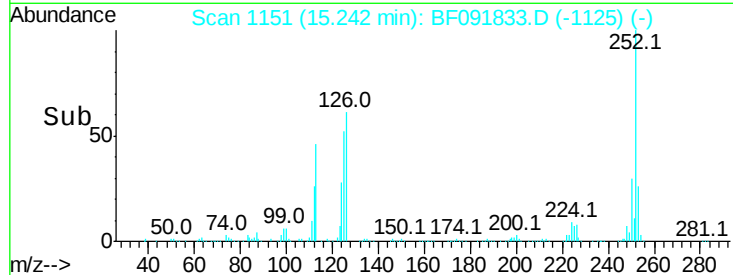
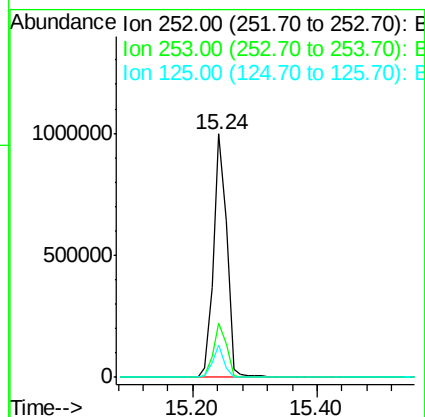
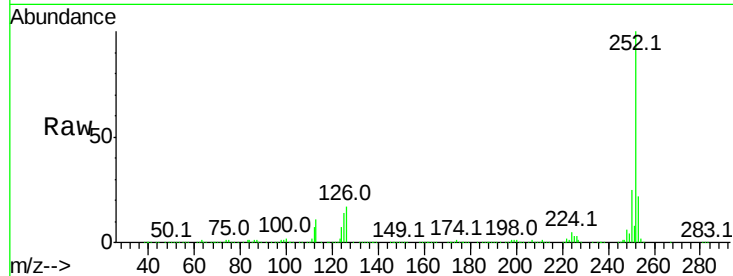




#89
Benzo(a)pyrene
Concen: 47.94 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tot Ion: 252 Resp: 1452606

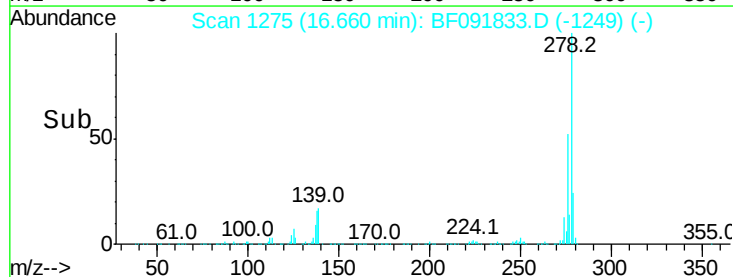
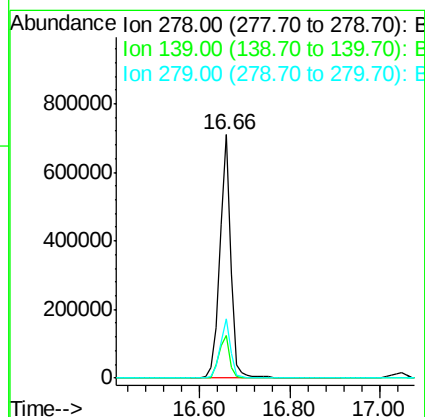
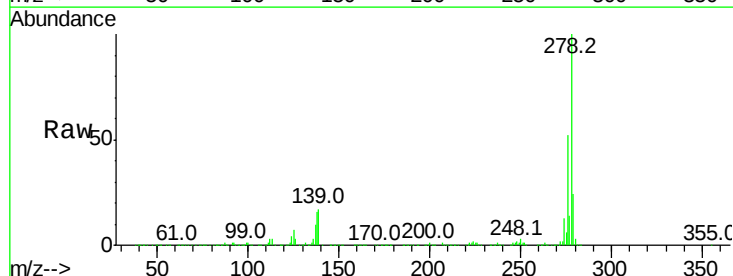
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.6	10.0	15.0

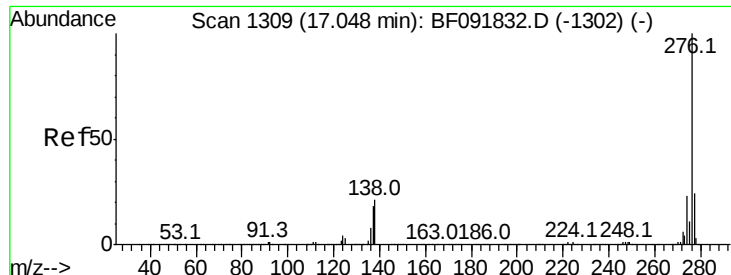


#90
Dibenzo(a,h)anthracene
Concen: 45.57 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091833.D
Acq: 21 Dec 2016 14:05

Tgt Ion: 278 Resp: 1203657

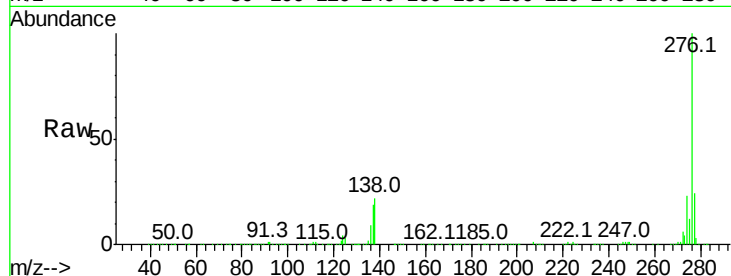
Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.8	22.2
279	24.1	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.04 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091833.D
 Acq: 21 Dec 2016 14:05

Tot Ion:	276	Resp:	1262693
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.4	16.0	24.0



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

