

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091832.D
 Acq On : 21 Dec 2016 13:37
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 14:18:51 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	294160	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1198072	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	605417	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	994063	20.00	ng	0.00
75) Chrysene-d12	13.91	240	728345	20.00	ng	0.00
86) Perylene-d12	15.30	264	621371	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1363122	77.64	ng	0.00
7) Phenol-d6	6.41	99	1758596	82.13	ng	0.00
23) Nitrobenzene-d5	7.32	82	1658287	79.82	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	390447	76.06	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2445111	81.14	ng	0.00
78) Terphenyl-d14	12.85	244	2188567	75.87	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.29	88	351904	40.70	ng	97
3) Pyridine	2.98	79	1250732	44.90	ng	99
4) n-Nitrosodimethylamine	2.94	42	478333	44.37	ng	99
6) Aniline	6.42	93	1119161	40.62	ng	93
8) 2-Chlorophenol	6.54	128	820032	42.43	ng	85
9) Benzaldehyde	6.29	77	498189	37.51	ng	98
10) Phenol	6.42	94	1067728	44.24	ng	97
11) bis(2-Chloroethyl)ether	6.50	93	843220	43.74	ng	92
12) 1,3-Dichlorobenzene	6.77	146	888639	41.87	ng	99
13) 1,4-Dichlorobenzene	6.77	146	888639	41.38	ng	92
14) 1,2-Dichlorobenzene	6.92	146	743773	39.54	ng	97
15) Benzyl Alcohol	6.90	79	678965	40.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1171662	39.78	ng	87
17) 2-Methylphenol	7.02	107	646772	40.05	ng	96
18) Hexachloroethane	7.26	117	340875	42.72	ng	96
19) n-Nitroso-di-n-propylamine	7.18	70	606064	42.55	ng	# 93
20) 3+4-Methylphenols	7.18	107	814928	45.23	ng	# 74
22) Acetophenone	7.17	105	1198693	41.44	ng	98
24) Nitrobenzene	7.34	77	1017020	45.59	ng	93
25) Isophorone	7.58	82	1589176	40.09	ng	97
26) 2-Nitrophenol	7.65	139	443506	41.21	ng	96
27) 2,4-Dimethylphenol	7.71	122	817205	46.54	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	992180	42.78	ng	98
29) 2,4-Dichlorophenol	7.90	162	655332	40.47	ng	91
30) 1,2,4-Trichlorobenzene	7.98	180	733275	41.79	ng	97
31) Naphthalene	8.06	128	2412692	42.15	ng	99
32) Benzoic acid	7.86	122	591650	47.29	ng	98
33) 4-Chloroaniline	8.11	127	1013525	42.04	ng	97
34) Hexachlorobutadiene	8.18	225	377975	38.31	ng	99
35) Caprolactam	8.50	113	214893	41.24	ng	# 65
36) 4-Chloro-3-methylphenol	8.61	107	789247	44.18	ng	93
37) 2-Methylnaphthalene	8.75	142	1376780	38.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	680448	45.09	ng	99
40) Hexachlorocyclopentadiene	8.91	237	278429	43.53	ng	98

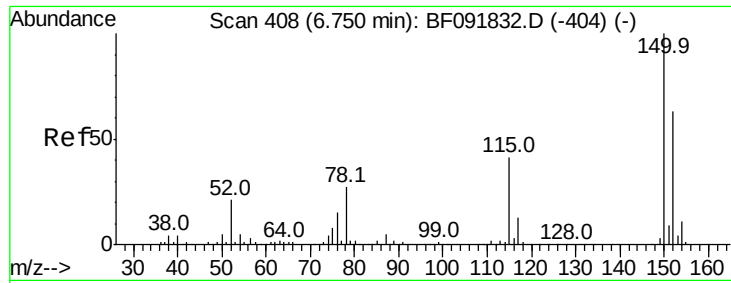
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
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 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	9.04	196	472951	43.86	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	459180	43.35	nq	# 88
45) 1,1'-Biphenyl	9.22	154	1880704	43.34	nq	99
46) 2-Chloronaphthalene	9.24	162	1387016	42.77	nq	97
47) 2-Nitroaniline	9.34	65	530867	47.95	nq	# 75
48) Acenaphthylene	9.65	152	2043121	40.66	nq	100
49) Dimethylphthalate	9.53	163	1631372	41.25	nq	99
50) 2,6-Dinitrotoluene	9.58	165	343993	39.67	nq	# 74
51) Acenaphthene	9.82	154	1364670	39.57	nq	99
52) 3-Nitroaniline	9.76	138	480725	44.53	nq	93
53) 2,4-Dinitrophenol	9.86	184	217118	46.35	nq	# 70
54) Dibenzofuran	10.00	168	1716804	41.87	nq	98
55) 4-Nitrophenol	9.93	139	313551	41.82	nq	96
56) 2,4-Dinitrotoluene	9.98	165	417917	38.58	nq	# 85
57) Fluorene	10.34	166	1409065	44.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	378411	43.21	nq	98
59) Diethylphthalate	10.22	149	1647178	42.37	nq	95
60) 4-Chlorophenyl-phenylether	10.33	204	590445	40.70	nq	98
61) 4-Nitroaniline	10.37	138	489994	47.91	nq	89
62) Azobenzene	10.49	77	1647080	39.82	nq	99
64) 4,6-Dinitro-2-methylphenol	10.40	198	258819	39.48	nq	# 51
65) n-Nitrosodiphenylamine	10.45	169	1175152	38.07	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	410719	39.40	nq	100
67) Hexachlorobenzene	10.89	284	452843	41.46	nq	97
68) Atrazine	10.99	200	380617	40.80	nq	92
69) Pentachlorophenol	11.08	266	243886	41.38	nq	98
70) Phenanthrene	11.30	178	2244716	45.19	nq	99
71) Anthracene	11.34	178	1943571	36.94	nq	100
72) Carbazole	11.51	167	1828544	39.75	nq	100
73) Di-n-butylphthalate	11.84	149	2170927	36.81	nq	100
74) Fluoranthene	12.48	202	1931624	37.23	nq	100
76) Benzidine	12.60	184	801944	38.25	nq	100
77) Pyrene	12.71	202	1988912	37.81	nq	100
79) Butylbenzylphthalate	13.33	149	1042702	42.35	nq	89
80) Benzo(a)anthracene	13.89	228	1627395	39.06	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	585927	35.15	nq	98
82) Chrysene	13.93	228	1493754	34.59	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1136029	36.38	nq	# 99
84) Di-n-octyl phthalate	14.50	149	2097936	36.46	nq	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	1391038	32.76	nq	100
87) Benzo(b)fluoranthene	14.91	252	2957127	75.05	nq	# 97
88) Benzo(k)fluoranthene	14.91	252	2958230	107.00	nq	98
89) Benzo(a)pyrene	15.24	252	1399232	41.38	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	1152784	39.11	nq	# 96
91) Benzo(g,h,i)perylene	17.05	276	1196873	39.95	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: BF091832.D

Acq: 21 Dec 2016 13:37

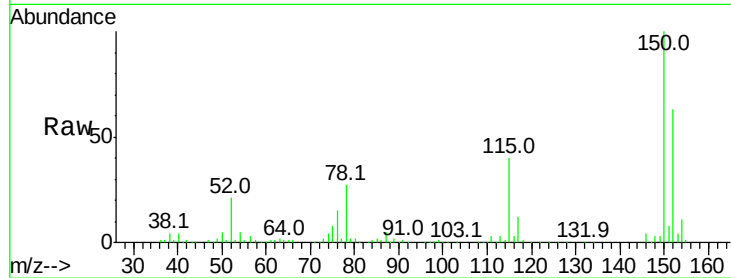
Tot Ion:152 Resp: 294160

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

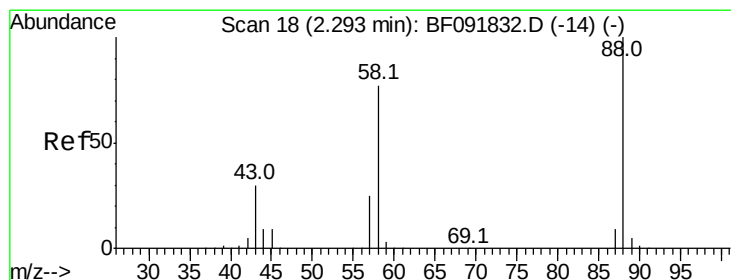
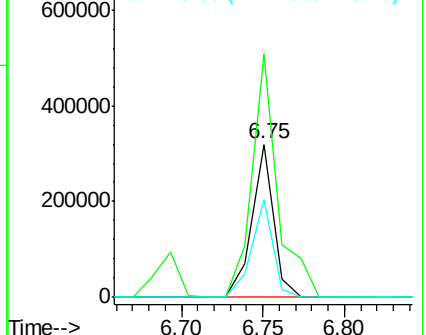
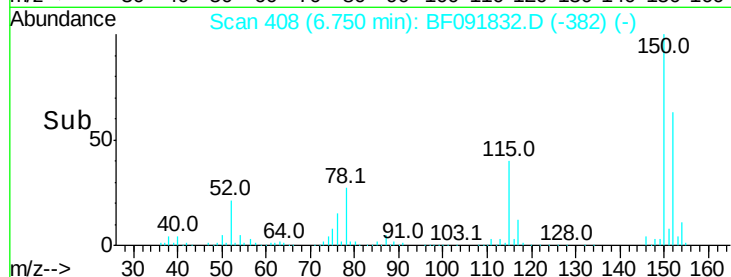
115 64.2 46.0 69.0



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: 40.70 ng

RT: 2.29 min Scan# 18

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

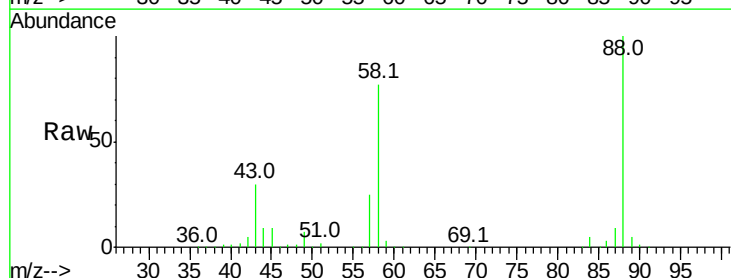
Tgt Ion: 88 Resp: 351904

Ion Ratio Lower Upper

88 100

58 74.9 57.8 86.8

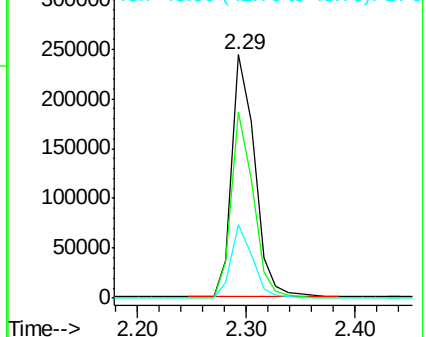
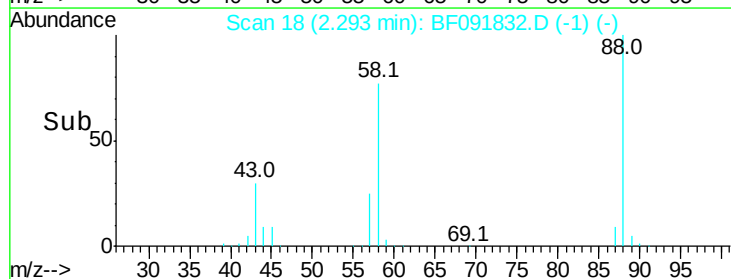
43 29.1 22.3 33.5

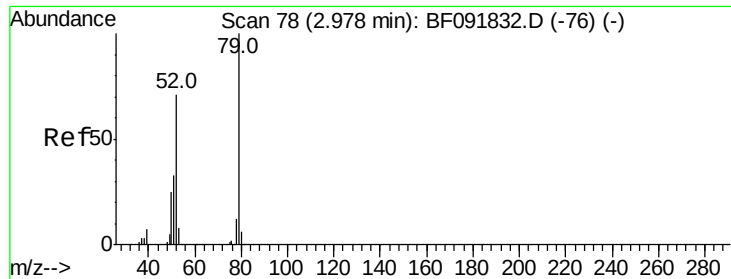


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

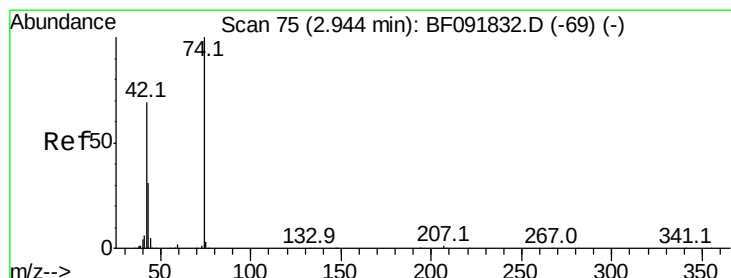
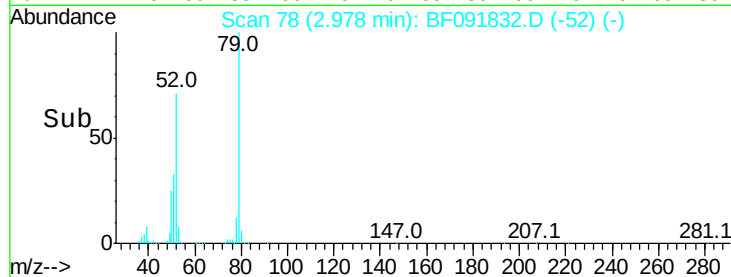
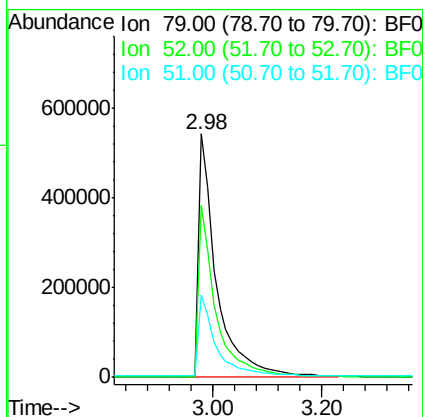
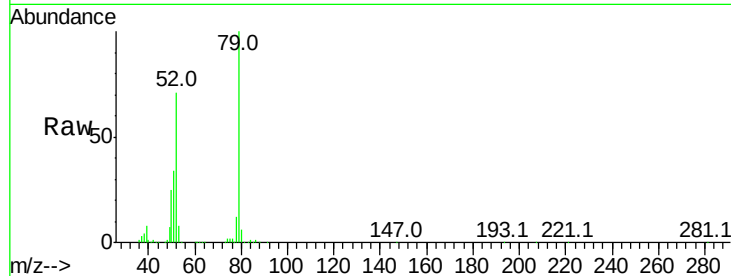




#3
 Pvridine
 Concen: 44.90 ng
 RT: 2.98 min Scan# 78
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tot Ion: 79 Resp: 1250732

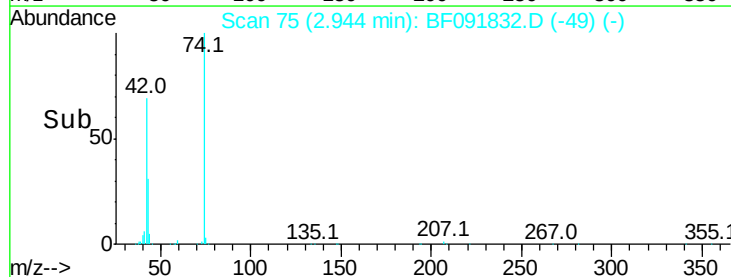
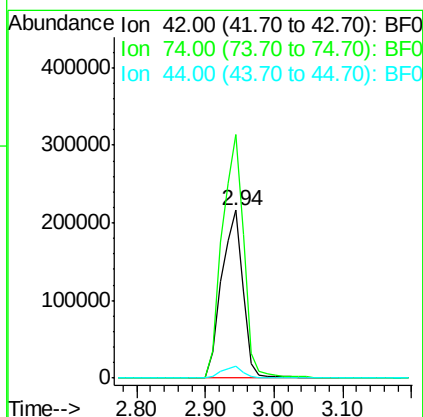
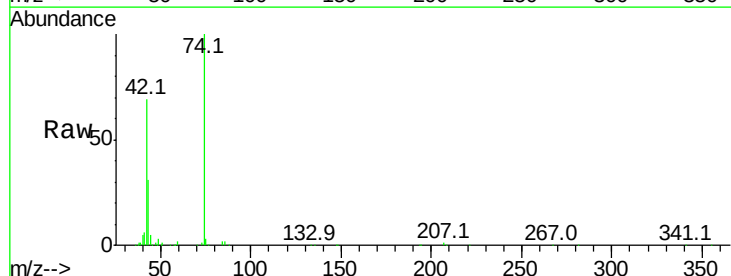
Ion	Ratio	Lower	Upper
79	100		
52	70.8	57.1	85.7
51	34.1	27.3	40.9

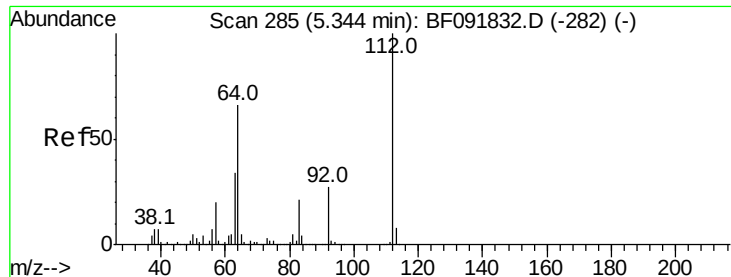


#4
 n-Nitrosodimethylamine
 Concen: 44.37 ng
 RT: 2.94 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion: 42 Resp: 478333

Ion	Ratio	Lower	Upper
42	100		
74	145.2	117.0	175.4
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 77.64 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

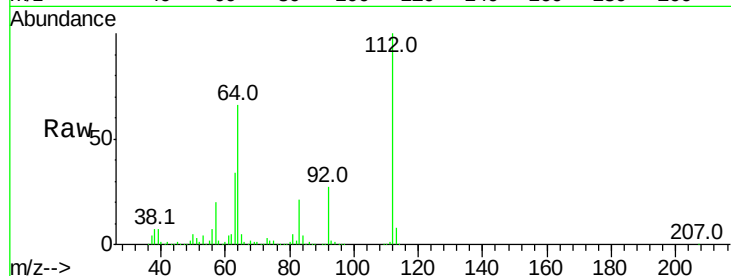
Tot Ion:112 Resp: 1363122

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

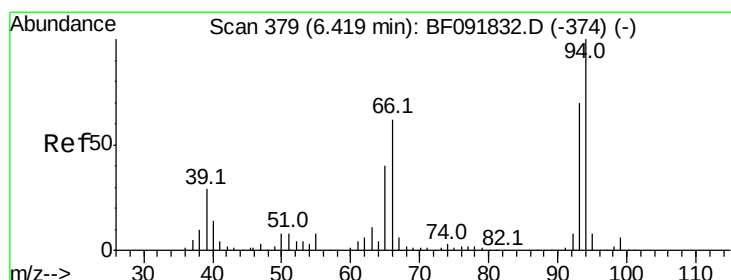
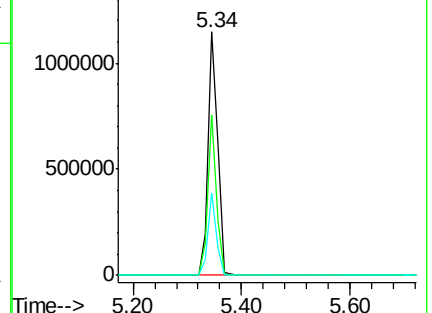
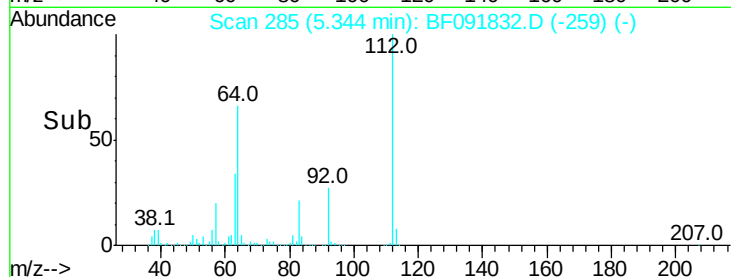
63 34.0 23.8 35.6



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: 40.62 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

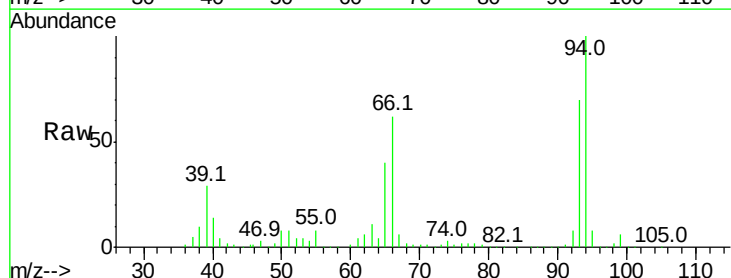
Tgt Ion: 93 Resp: 1119161

Ion Ratio Lower Upper

93 100

66 87.4 76.2 114.2

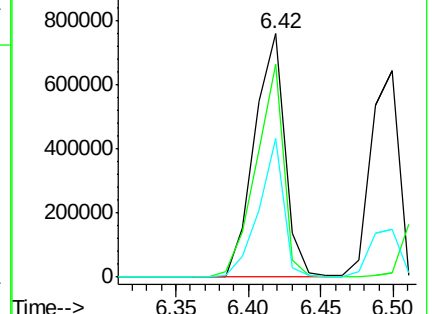
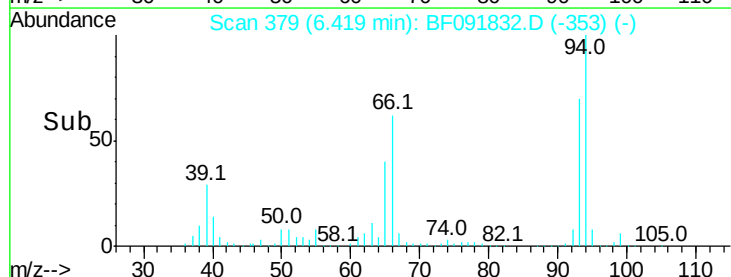
65 57.0 49.3 73.9

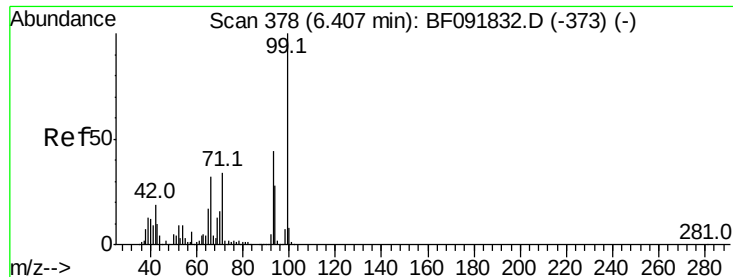


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.13 ng

RT: 6.41 min Scan# 378

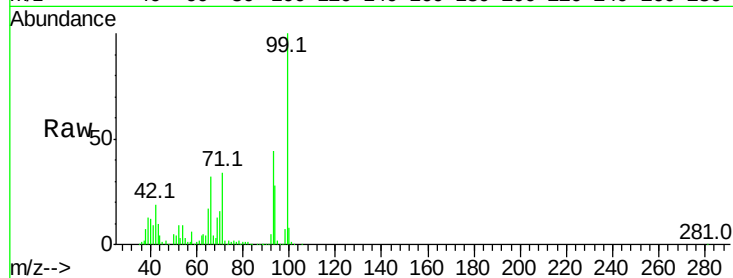
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tot Ion: 99 Resp: 1758596

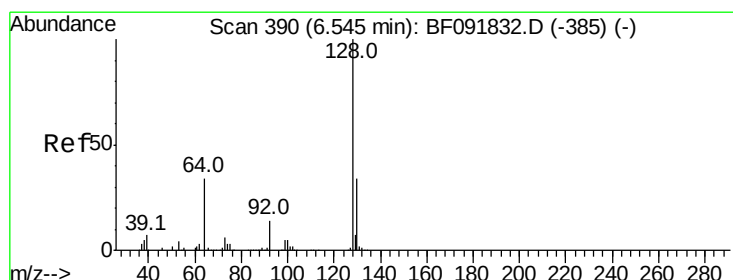
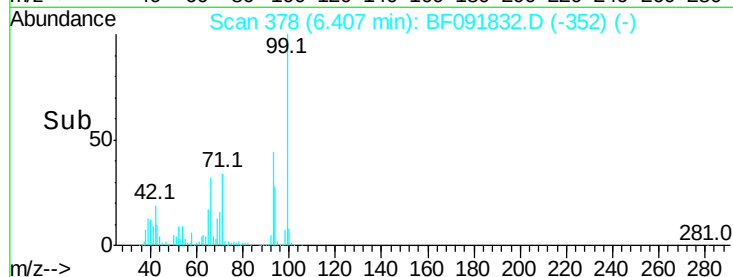
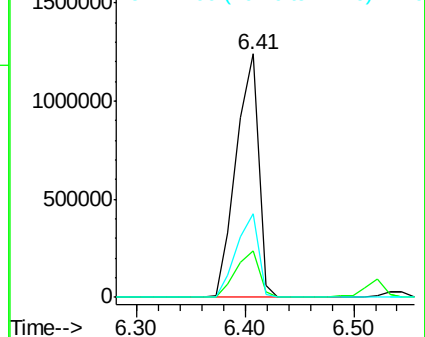
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	34.1	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.43 ng

RT: 6.54 min Scan# 390

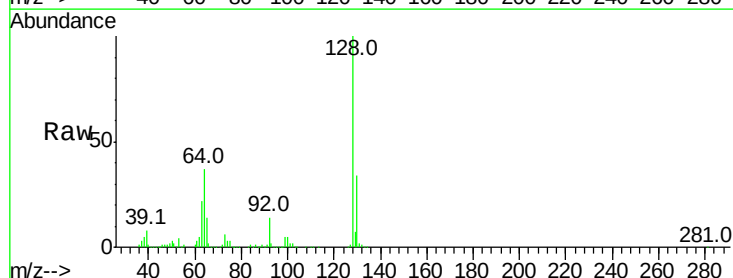
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion: 128 Resp: 820032

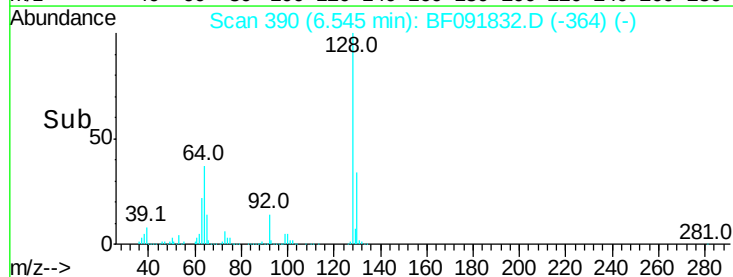
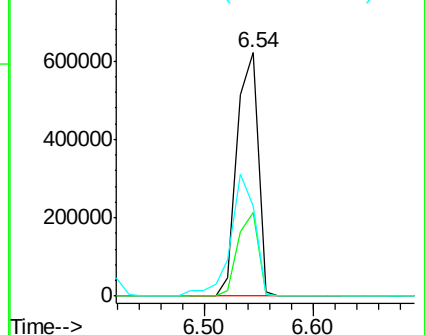
Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.3	52.3
64	36.8	32.2	72.2

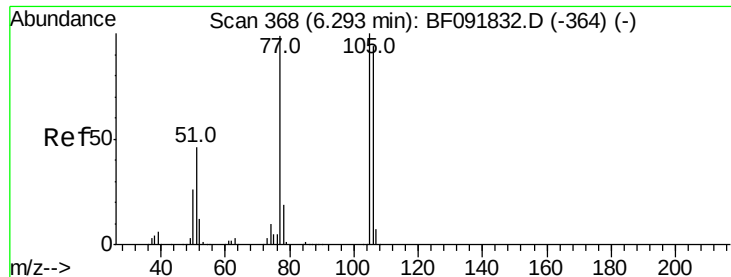


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.51 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

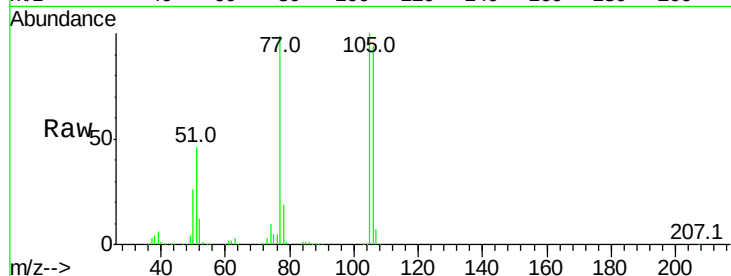
Tot Ion: 77 Resp: 498189

Ion Ratio Lower Upper

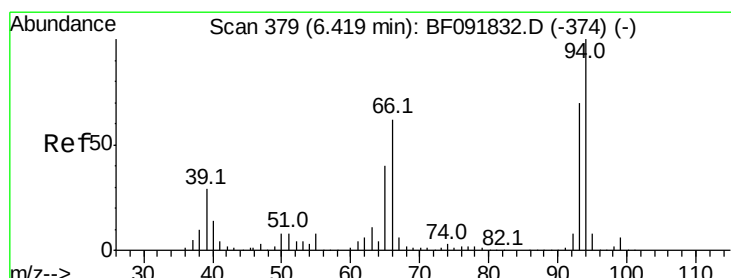
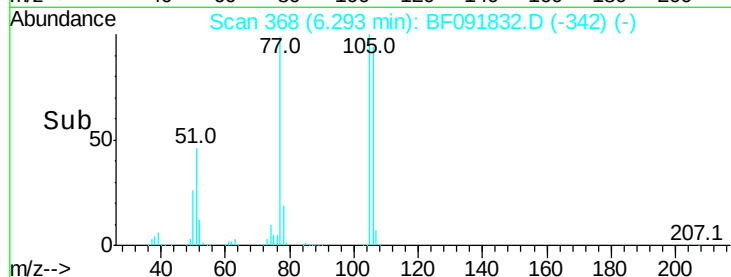
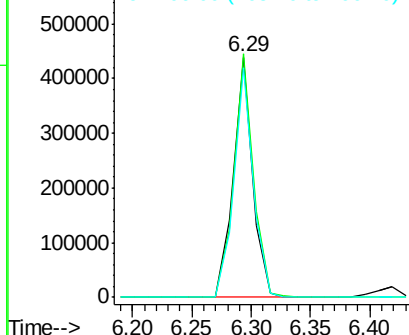
77 100

105 101.4 83.9 123.9

106 95.8 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: 44.24 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

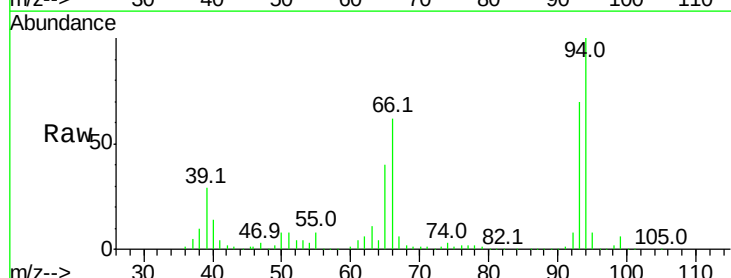
Tgt Ion: 94 Resp: 1067728

Ion Ratio Lower Upper

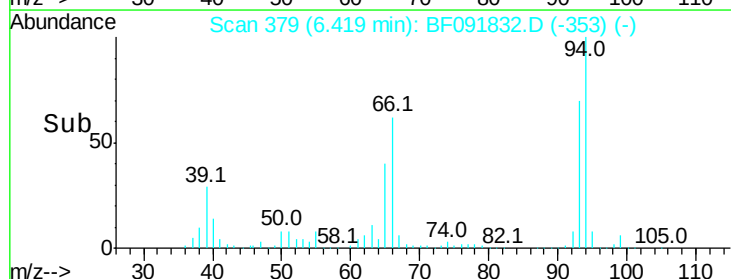
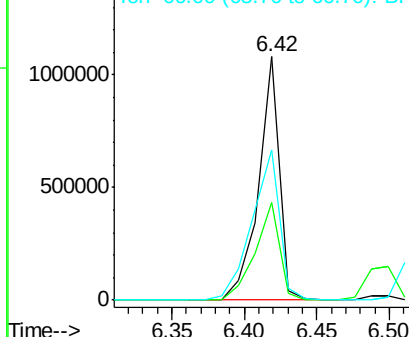
94 100

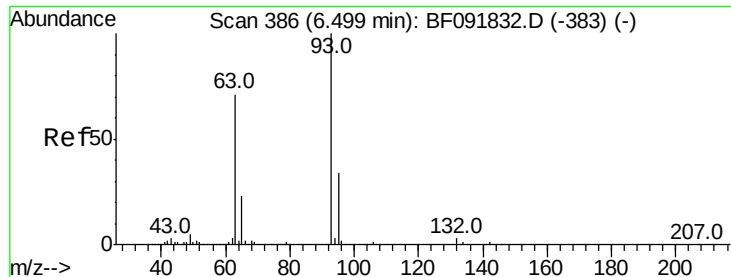
65 40.1 21.4 61.4

66 61.6 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: 43.74 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

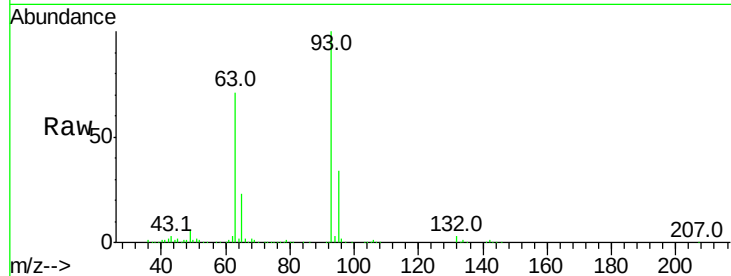
Tot Ion: 93 Resp: 843220

Ion Ratio Lower Upper

93 100

63 70.7 60.4 100.4

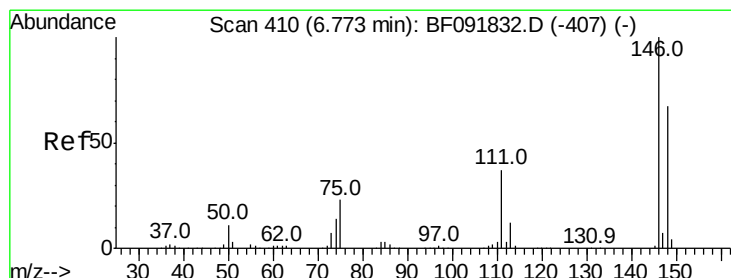
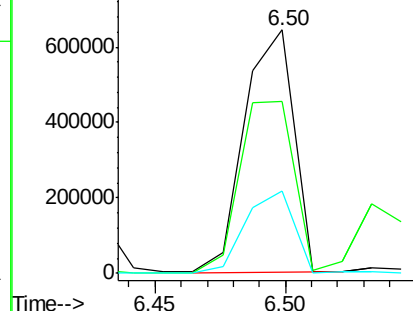
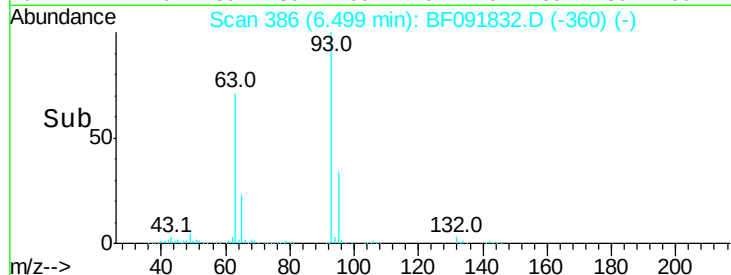
95 33.7 12.8 52.8



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: 41.87 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.08 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

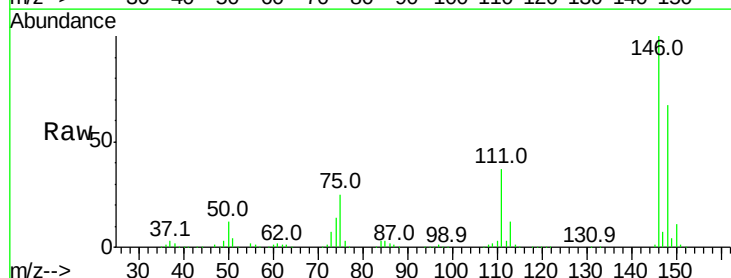
Tgt Ion: 146 Resp: 888639

Ion Ratio Lower Upper

146 100

148 66.7 53.4 80.0

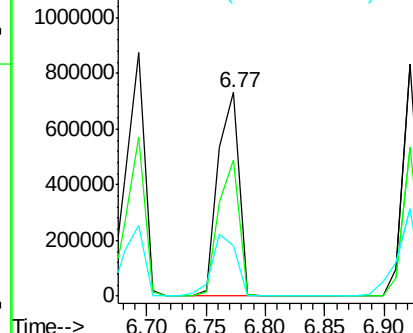
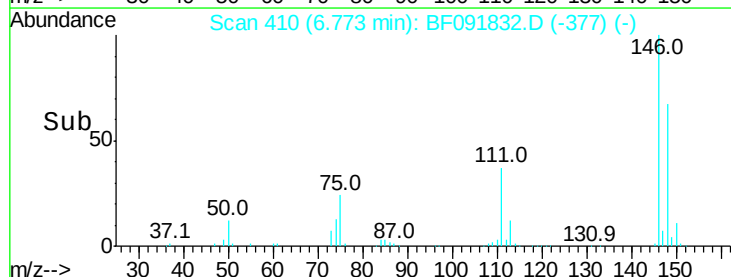
75 24.6 18.5 27.7

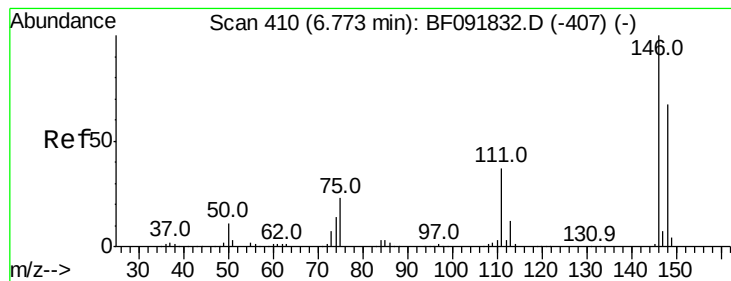


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

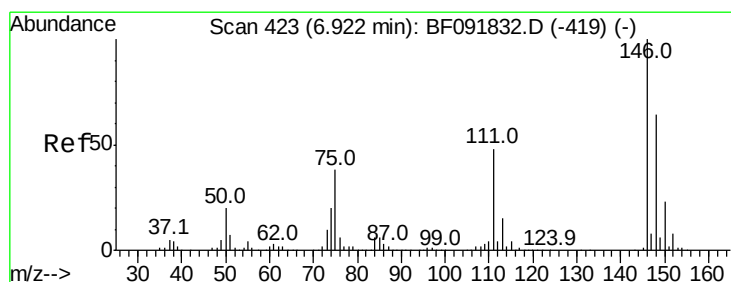
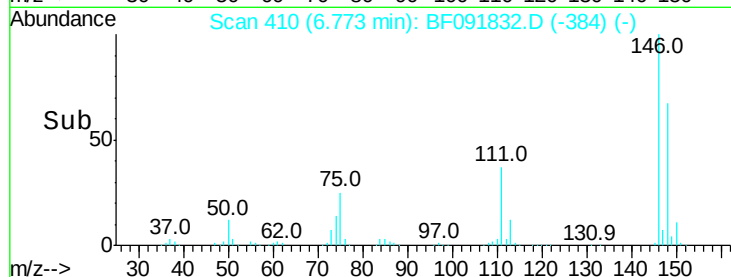
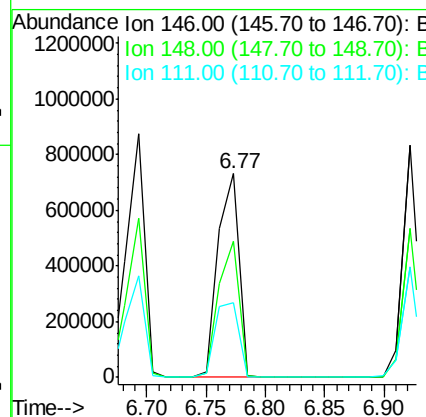
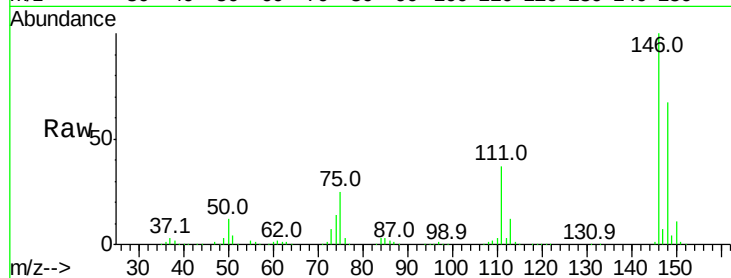
Ion 75.00 (74.70 to 75.70): BF0





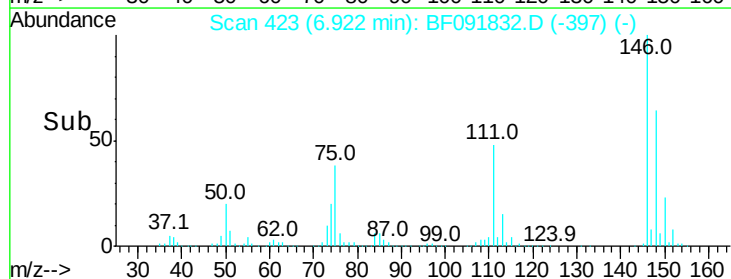
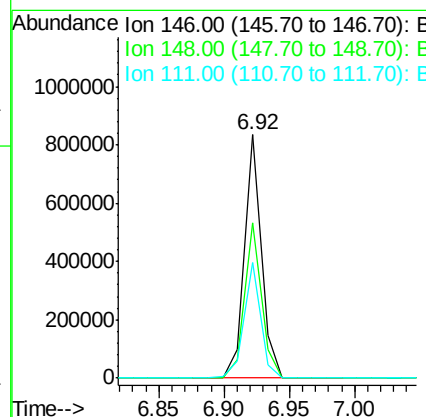
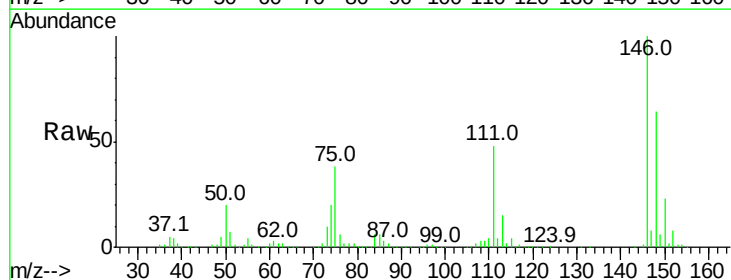
#13
 1,4-Dichlorobenzene
 Concen: 41.38 ng
 RT: 6.77 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

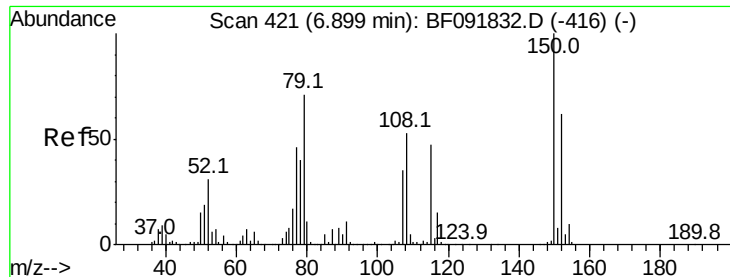
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.6	76.0
111	36.8	36.2	54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.54 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	47.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 40.95 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

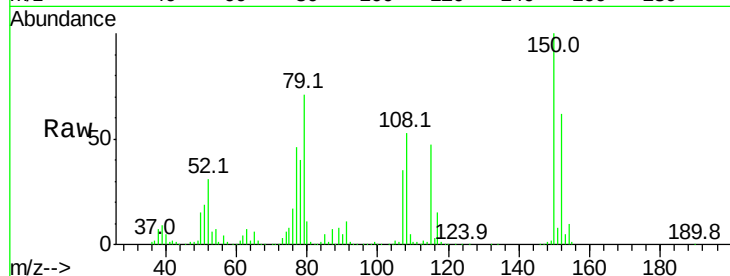
Tot Ion: 79 Resp: 678965

Ion Ratio Lower Upper

79 100

108 74.0 61.4 92.0

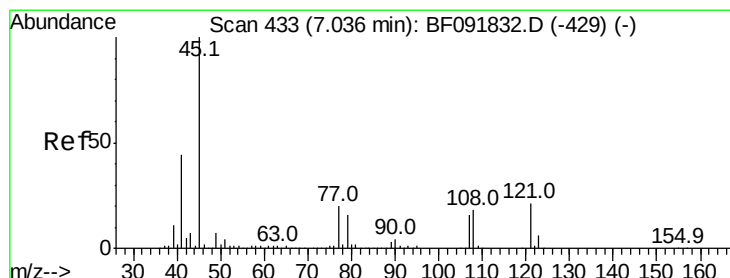
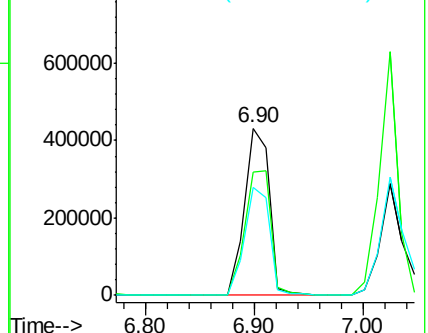
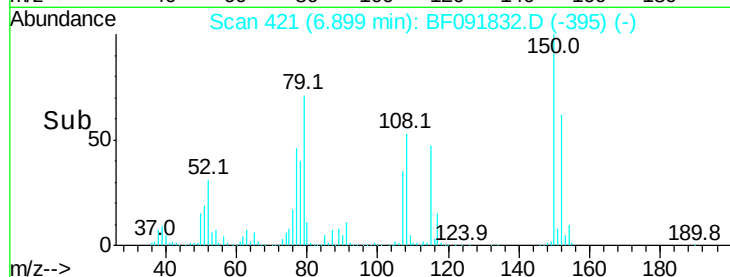
77 64.8 50.9 76.3



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: 39.78 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

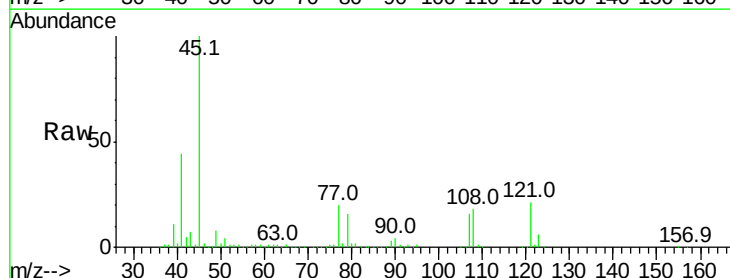
Tgt Ion: 45 Resp: 1171662

Ion Ratio Lower Upper

45 100

77 19.8 0.0 34.6

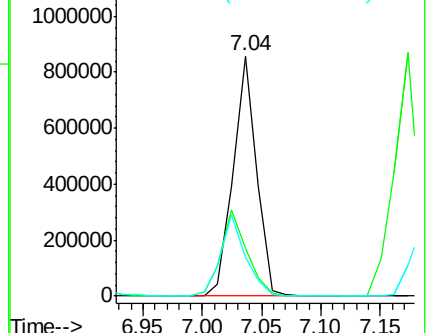
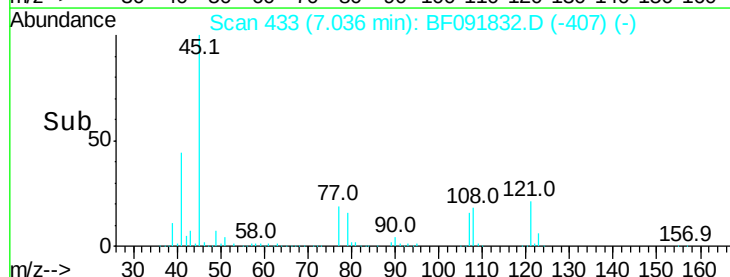
79 16.4 0.0 31.2

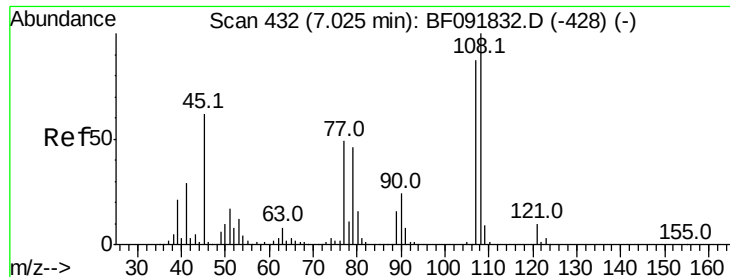


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

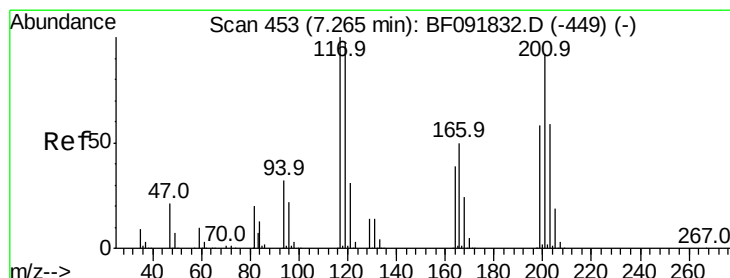
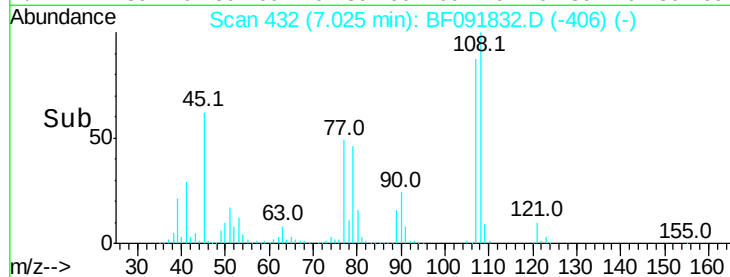
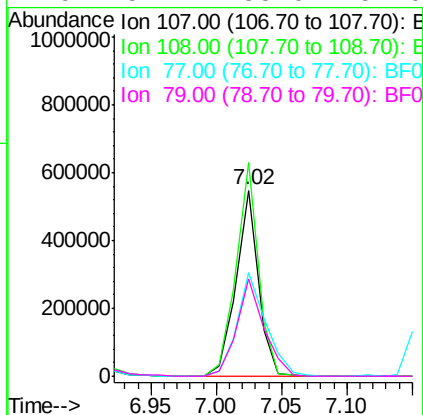
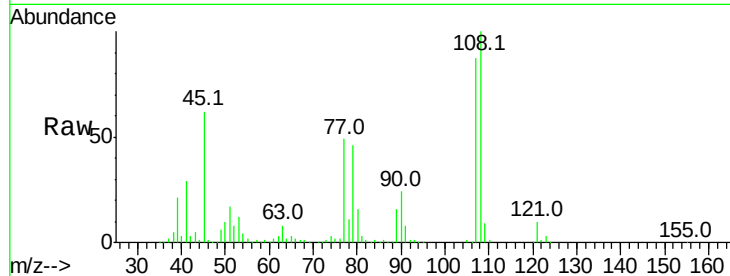
Ion 79.00 (78.70 to 79.70): BF0





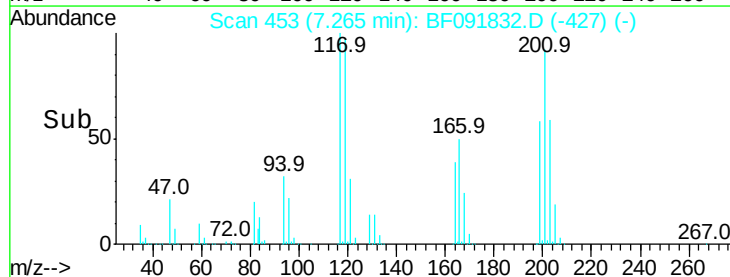
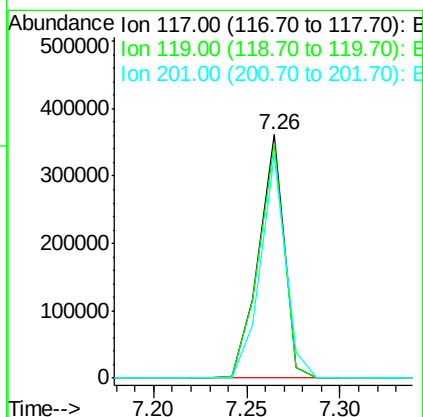
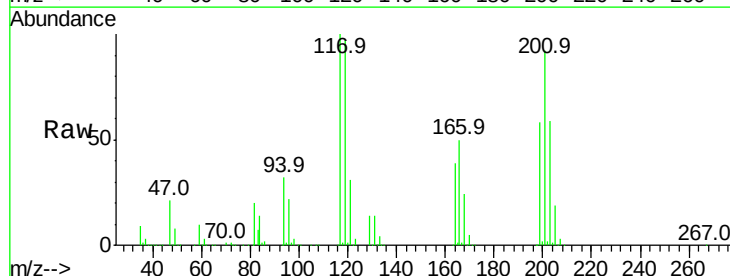
#17
2-Methylphenol
Concen: 40.05 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

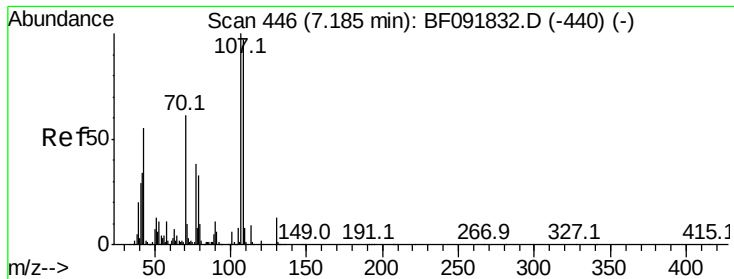
Tot Ion:	107	Resp:	646772
Ion	Ratio	Lower	Upper
107	100		
108	115.0	93.0	139.6
77	56.0	39.8	59.8
79	52.7	38.0	57.0



#18
Hexachloroethane
Concen: 42.72 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

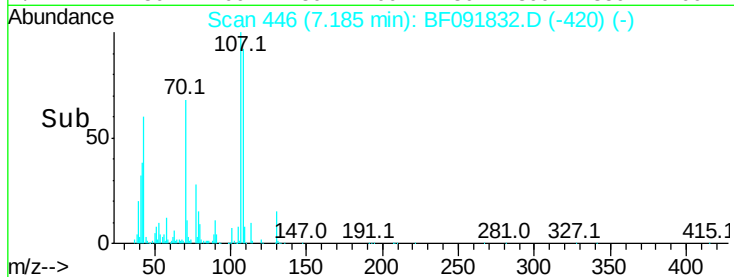
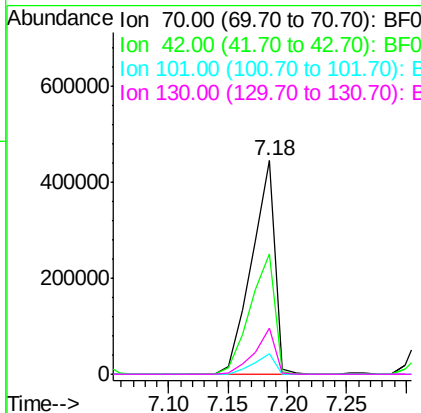
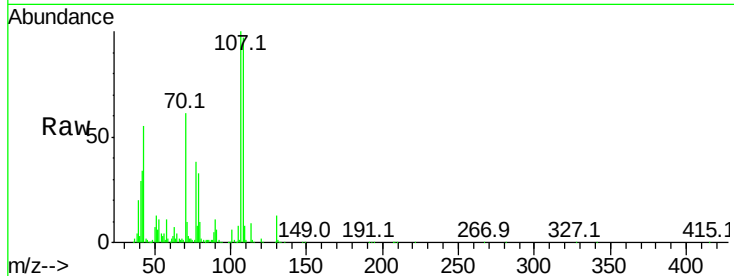
Tgt Ion:	117	Resp:	340875
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
201	91.9	78.6	117.8





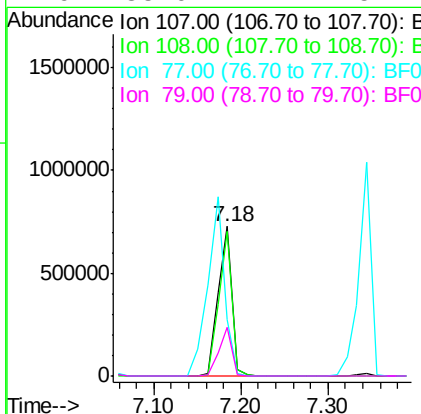
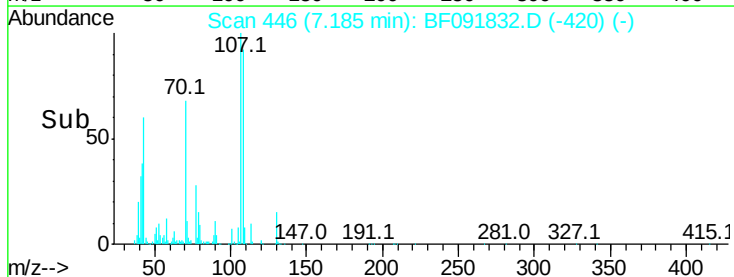
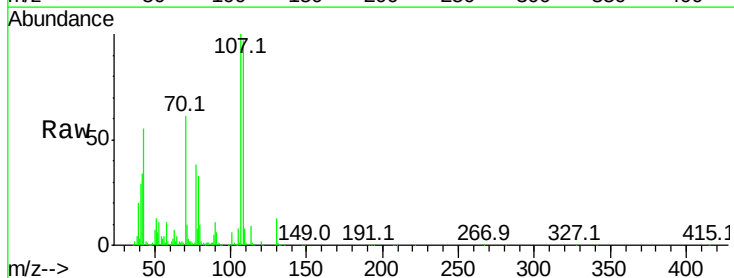
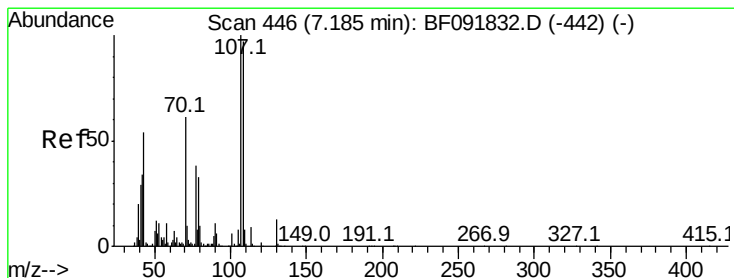
#19
n-Nitroso-di-n-propylamine
Concen: 42.55 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

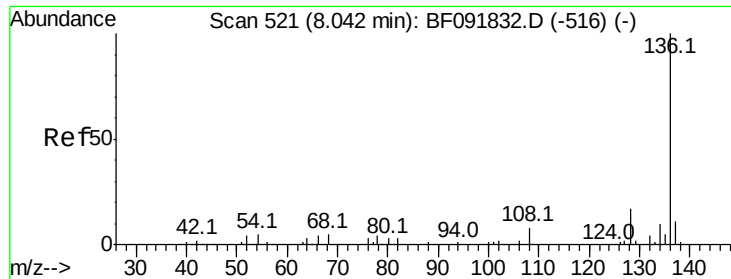
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	49.4	74.0	
101	9.7	7.4	11.2	
130	21.8	14.2	21.4	



#20
3+4-Methylphenols
Concen: 45.23 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

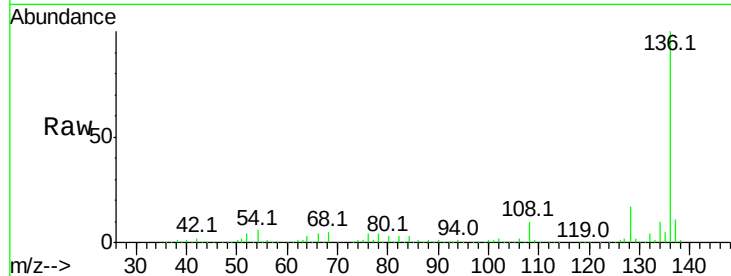
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	97.2	73.0	113.0	
77	38.1	71.3	111.3	
79	33.0	11.1	51.1	



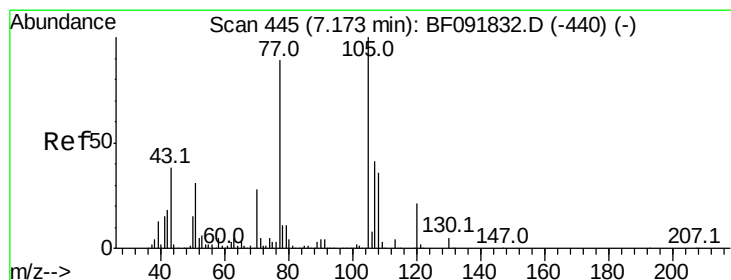
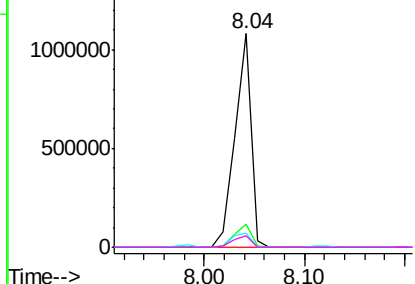
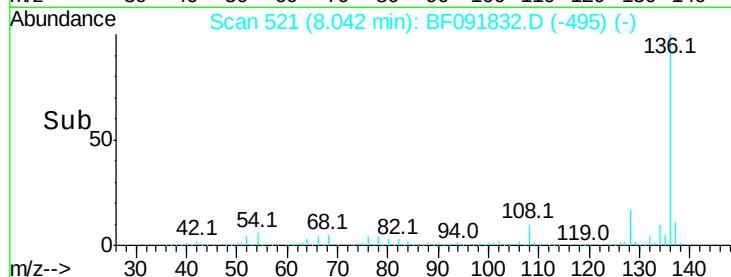


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion:136	Resp: 1198072
Ion Ratio	Lower Upper
136 100	
137 10.9	8.4 12.6
54 6.5	4.5 6.7
68 5.3	3.6 5.4

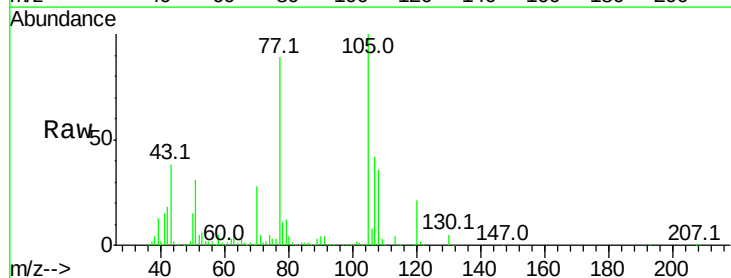


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

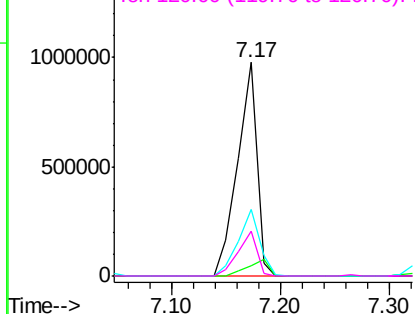
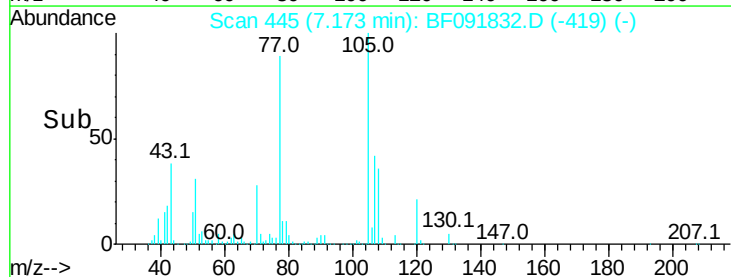


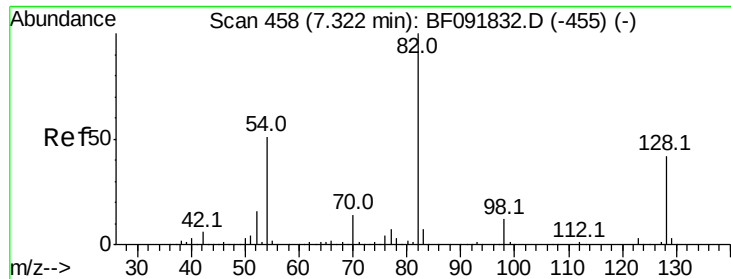
#22
Acetophenone
Concen: 41.44 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion:105	Resp: 1198693
Ion Ratio	Lower Upper
105 100	
71 4.6	3.2 4.8
51 31.0	26.2 39.4
120 21.2	16.6 24.8



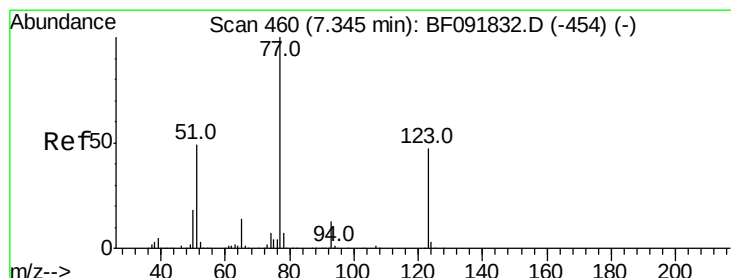
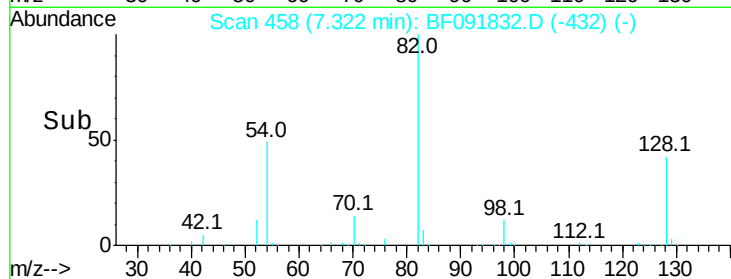
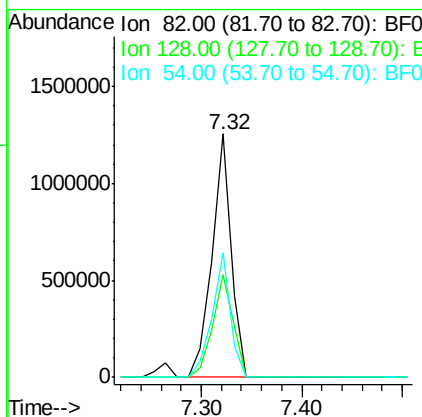
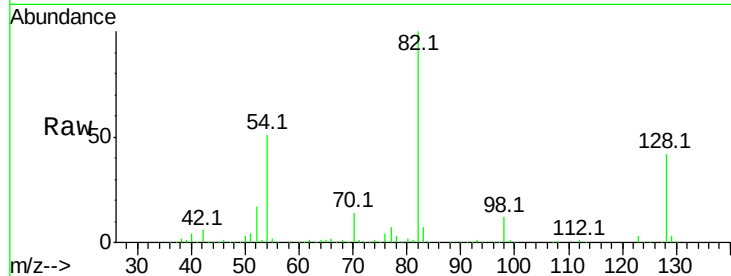
Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





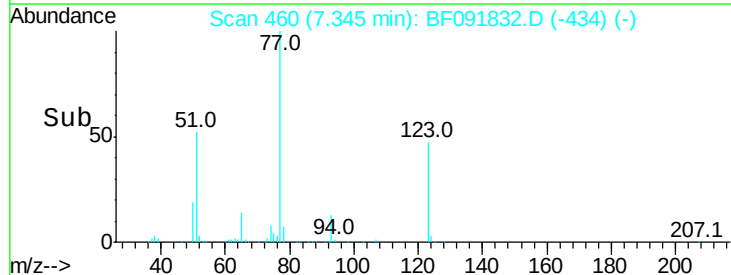
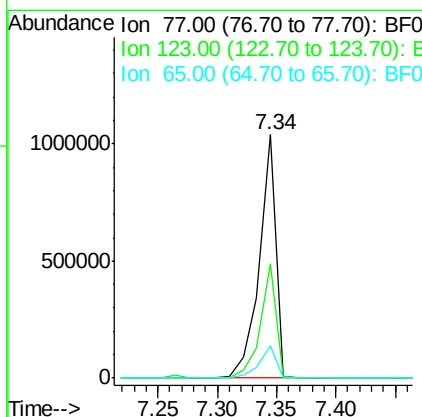
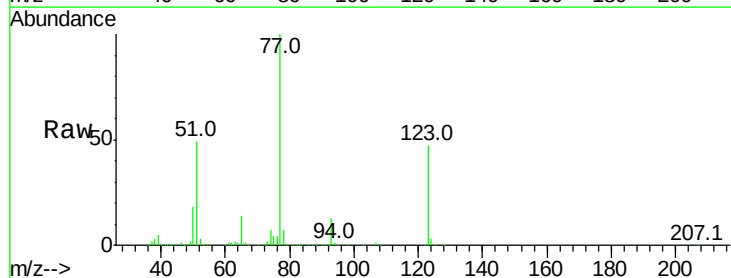
#23
 Nitrobenzene-d5
 Concen: 79.82 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

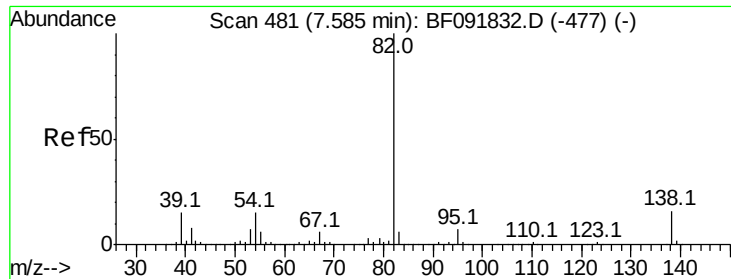
Tot Ion:	82	Resp:	1658287
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	51.0	39.5	59.3



#24
 Nitrobenzene
 Concen: 45.59 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion:	77	Resp:	1017020
Ion	Ratio	Lower	Upper
77	100		
123	47.1	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 40.09 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

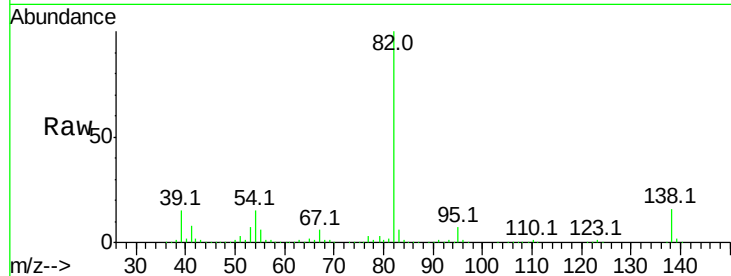
Tot Ion: 82 Resp: 1589176

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

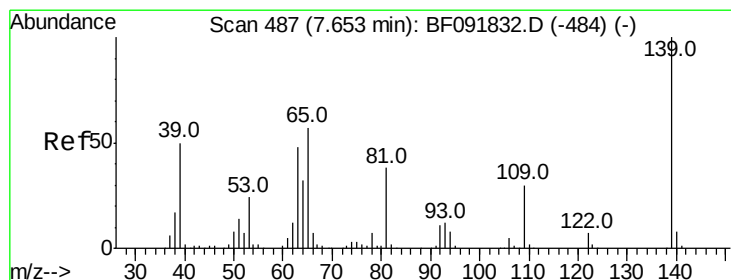
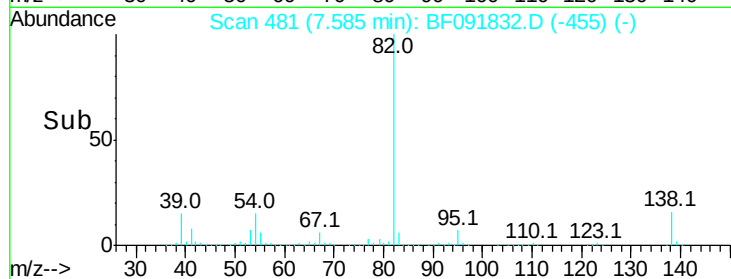
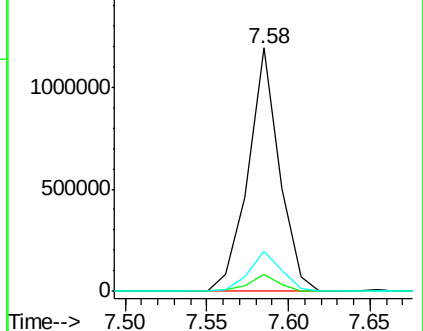
138 16.4 14.6 22.0



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: 41.21 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

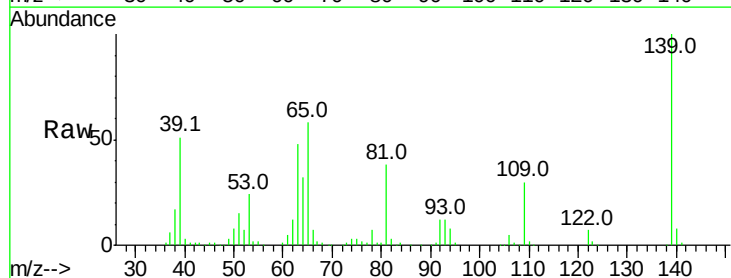
Tgt Ion:139 Resp: 443506

Ion Ratio Lower Upper

139 100

109 29.9 23.3 34.9

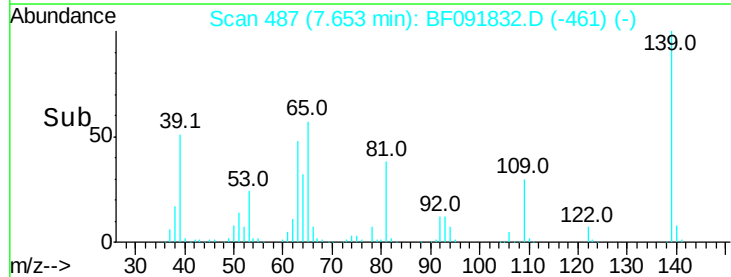
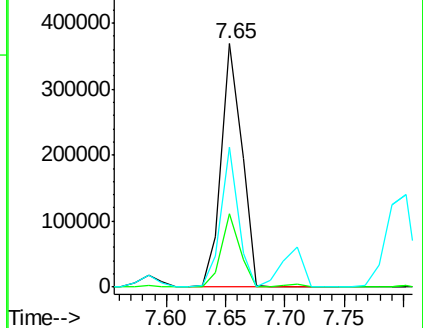
65 57.7 42.7 64.1

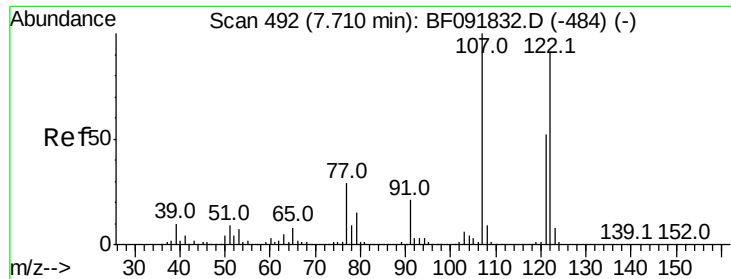


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

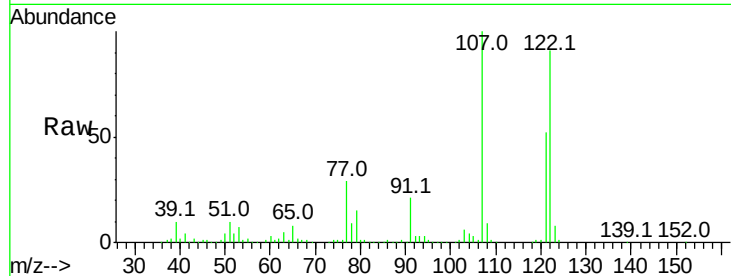
Ion 65.00 (64.70 to 65.70): BF0



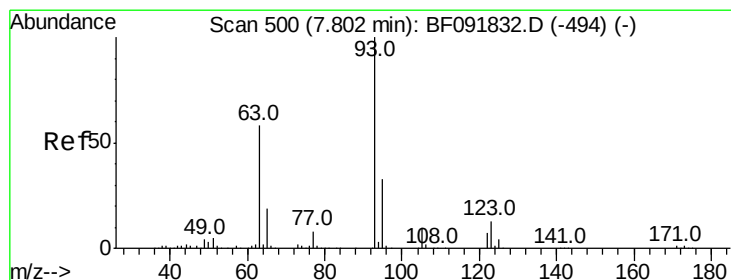
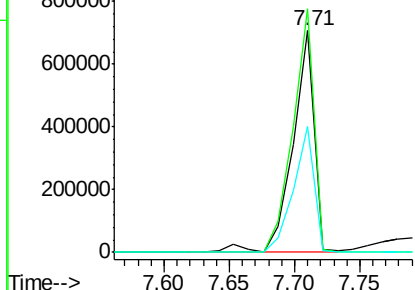
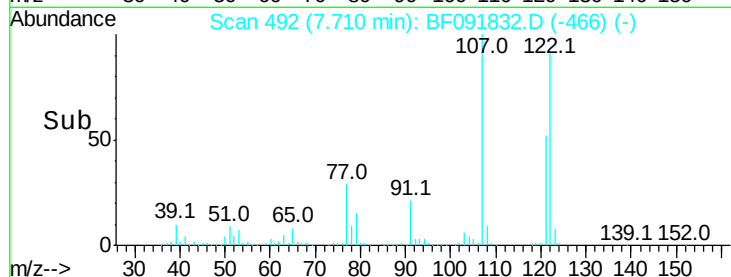


#27
 2,4-Dimethylphenol
 Concen: 46.54 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	94.1	141.1
121	56.7	46.0	69.0

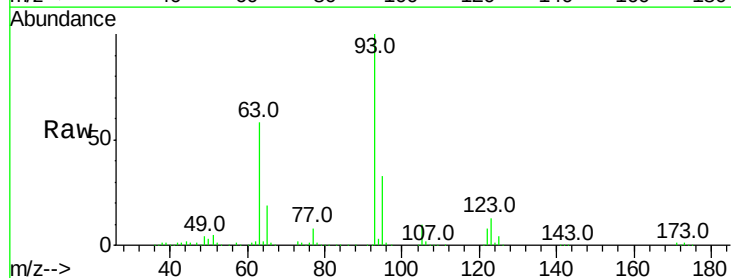


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

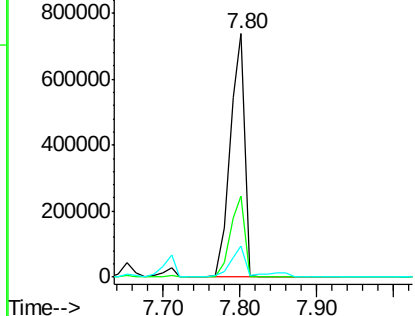
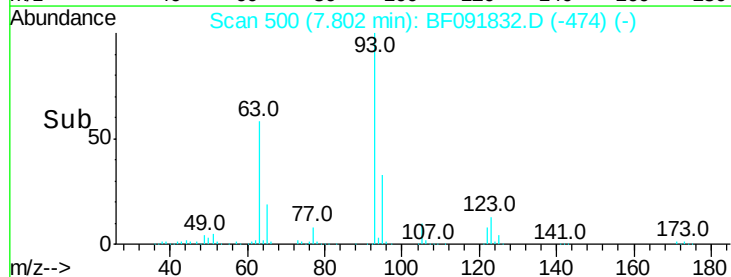


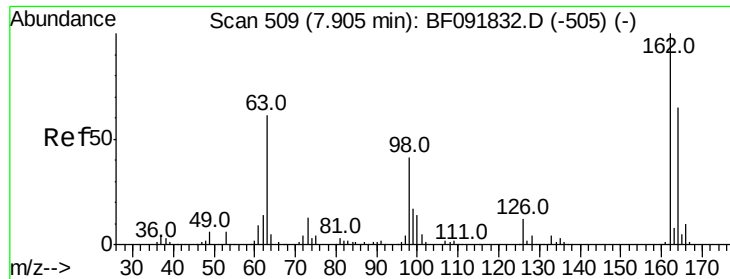
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.78 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	12.7	8.6	13.0



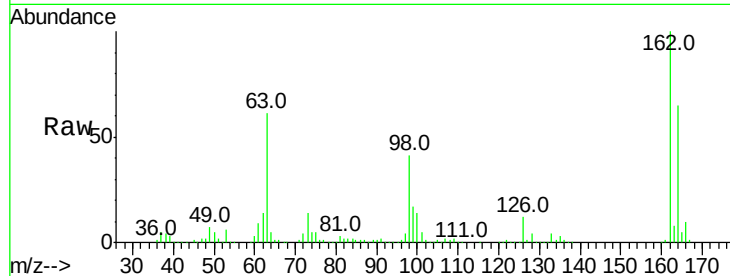
Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



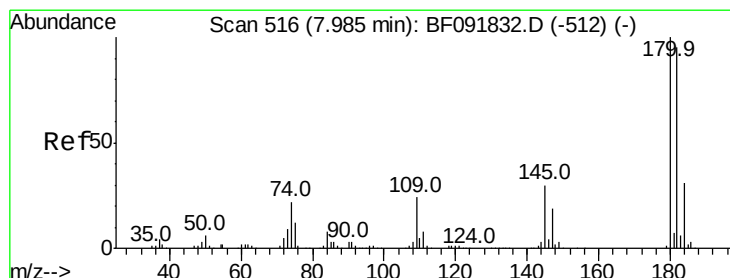
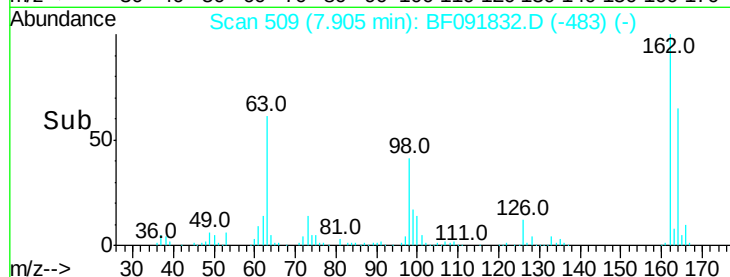
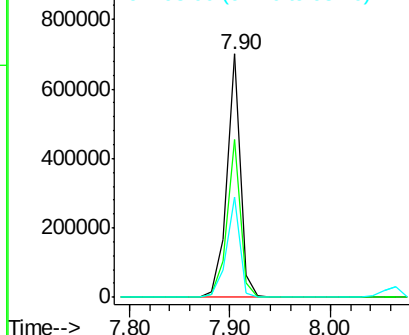


#29
2,4-Dichlorophenol
Concen: 40.47 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	46.8	86.8
98	41.3	9.1	49.1

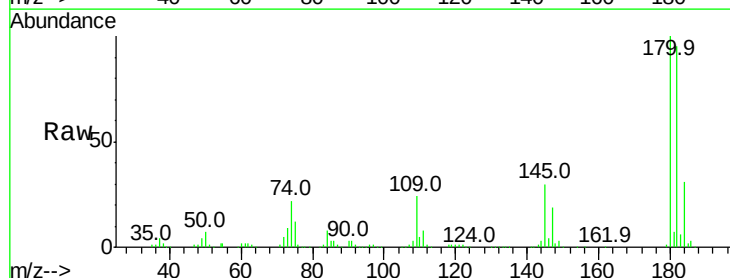


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

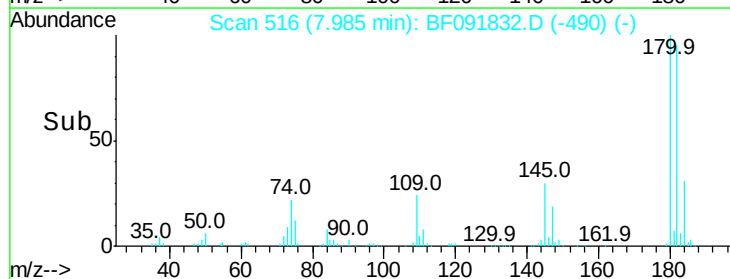
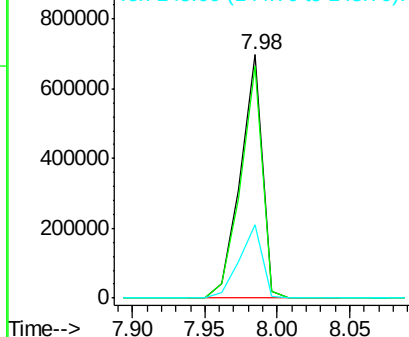


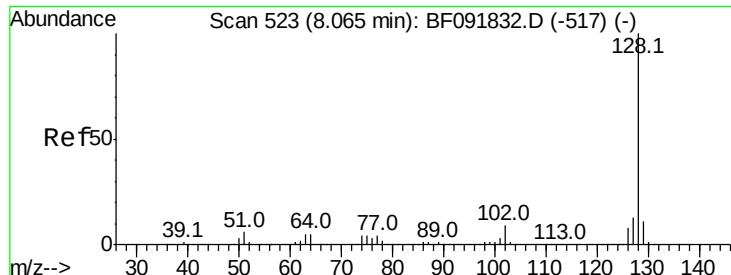
#30
1,2,4-Trichlorobenzene
Concen: 41.79 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.2	117.4
145	29.9	21.6	32.4



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

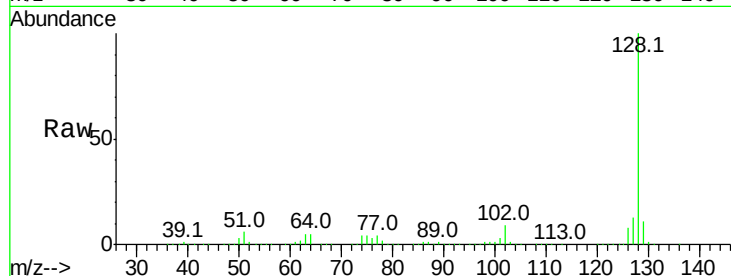




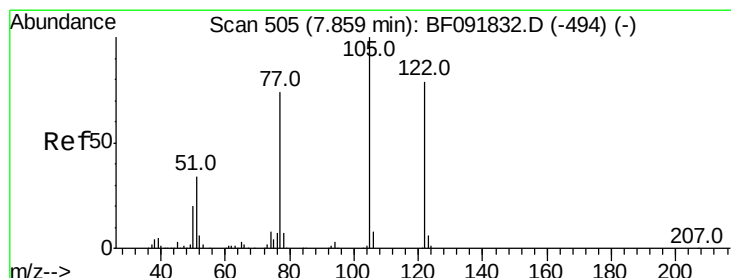
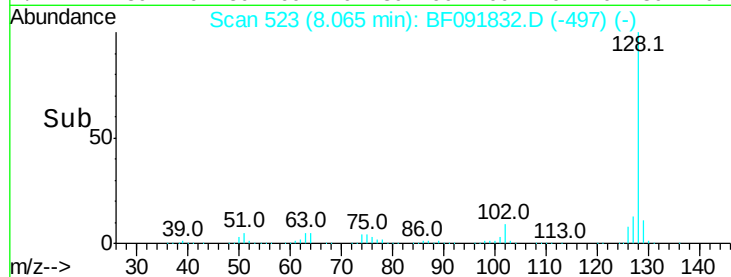
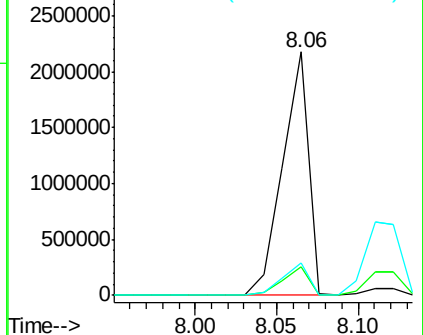
#31
Naphthalene
Concen: 42.15 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion:128 Resp: 2412692

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.5	10.8	16.2



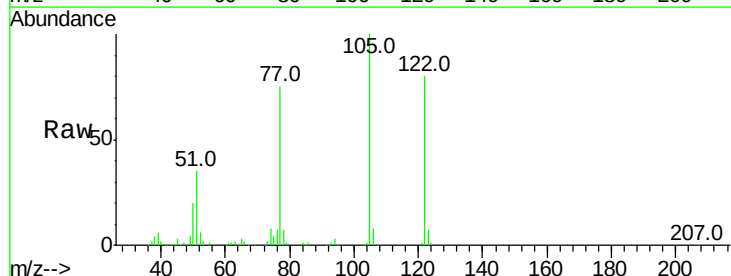
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



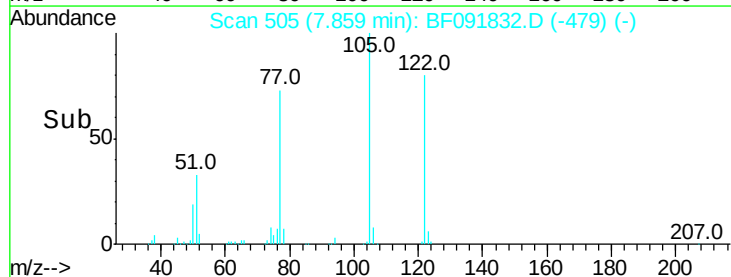
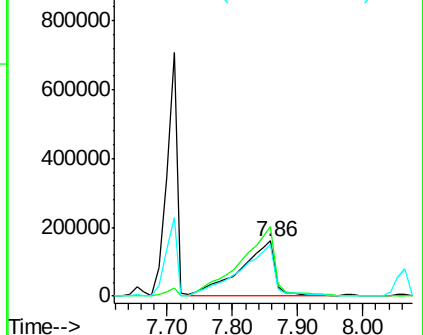
#32
Benzoic acid
Concen: 47.29 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

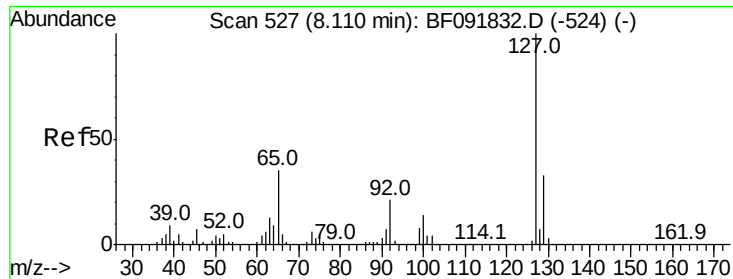
Tgt Ion:122 Resp: 591650

Ion	Ratio	Lower	Upper
122	100		
105	124.9	107.2	147.2
77	93.5	74.5	114.5



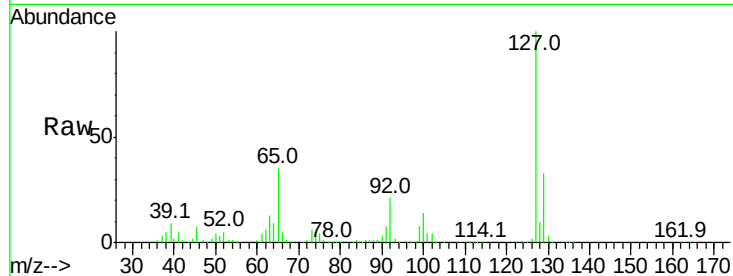
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 42.04 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion:	127	Resp:	1013525
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	35.3	25.8	38.8
92	21.1	16.1	24.1

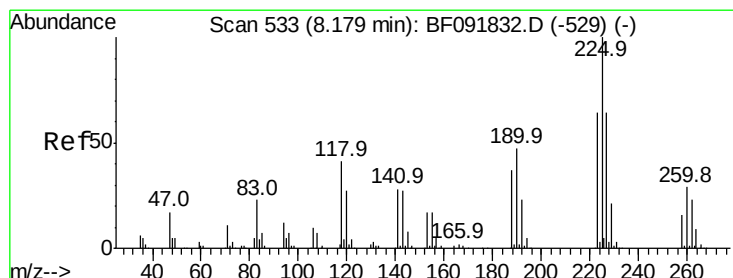
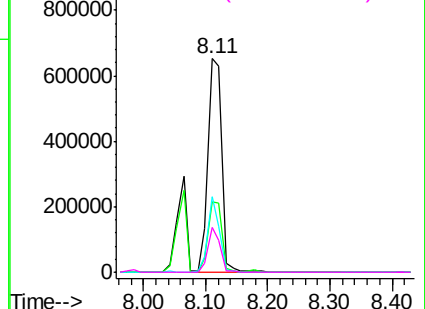
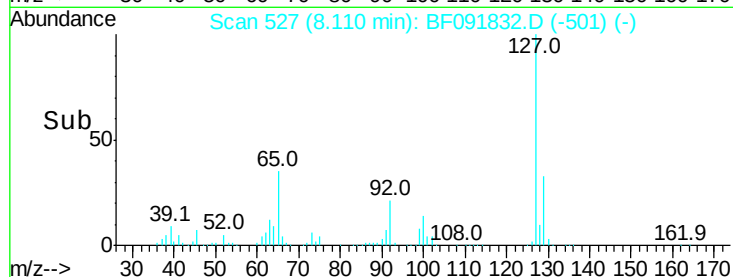


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

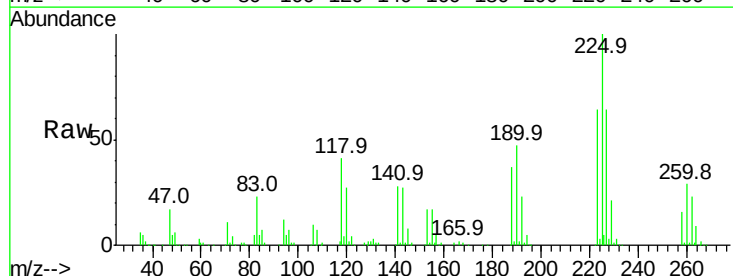
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 38.31 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

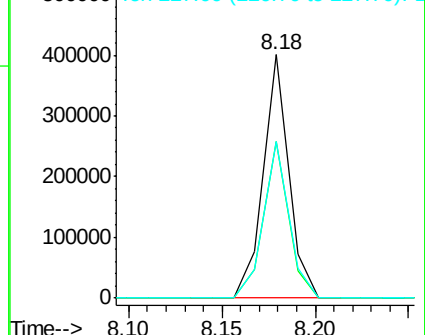
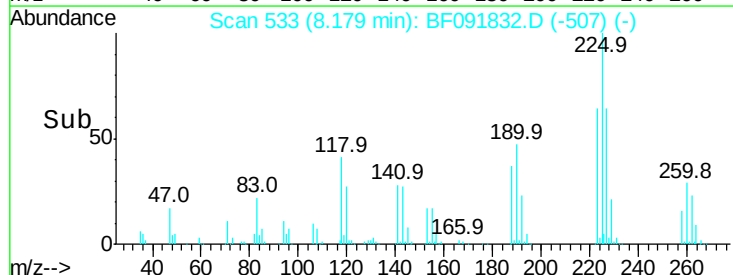
Tgt Ion:	225	Resp:	377975
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.1	50.6	76.0

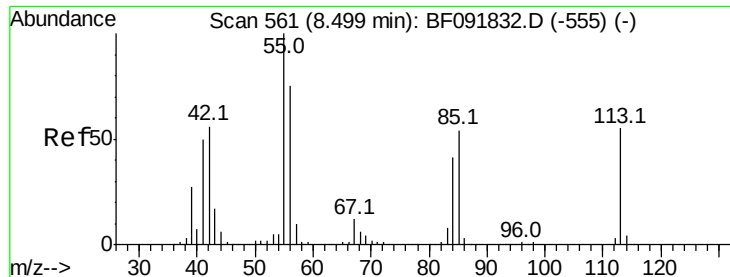


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

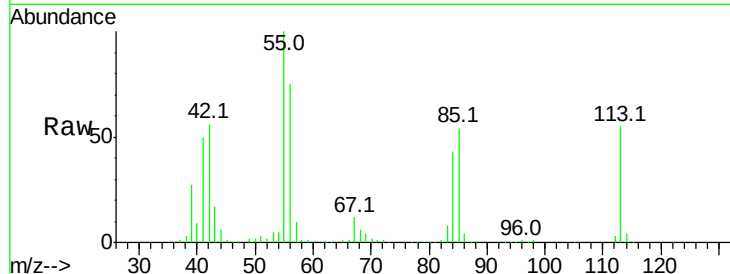
Ion 227.00 (226.70 to 227.70): E





#35
 Caprolactam
 Concen: 41.24 ng
 RT: 8.50 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

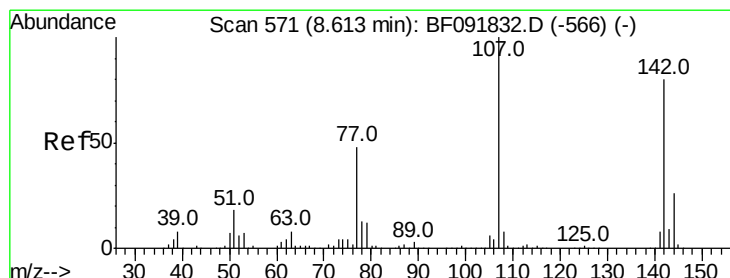
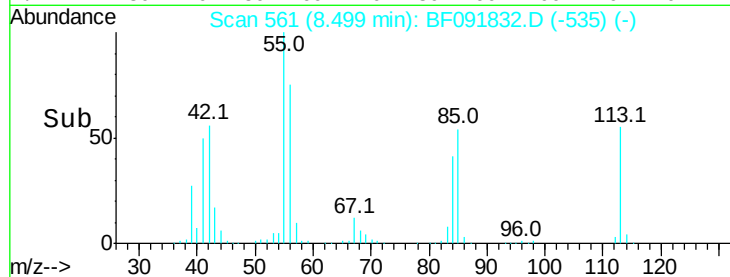
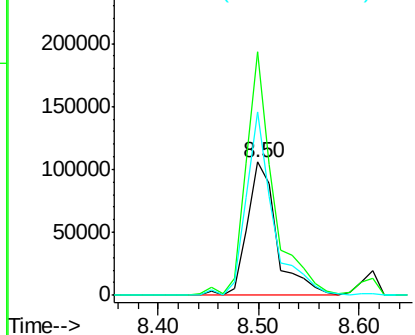
Tot Ion	Ratio	Lower	Upper
113	100		
55	183.1	119.2	159.2#
56	138.0	83.8	123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

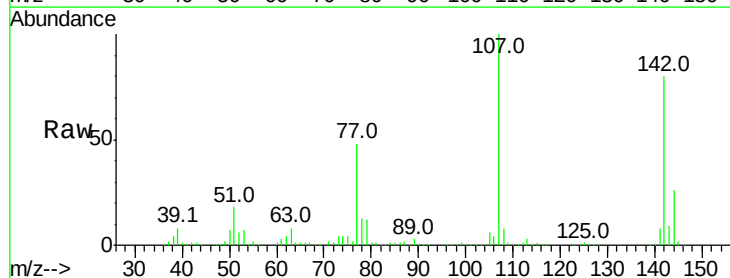
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 44.18 ng
 RT: 8.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

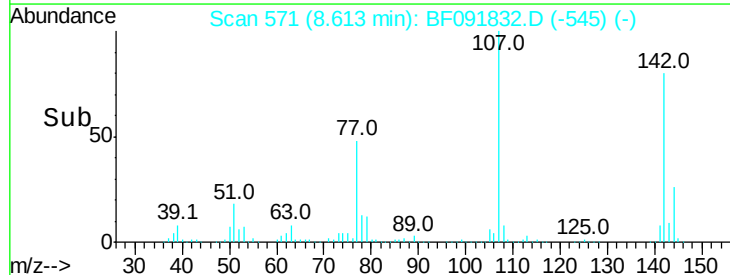
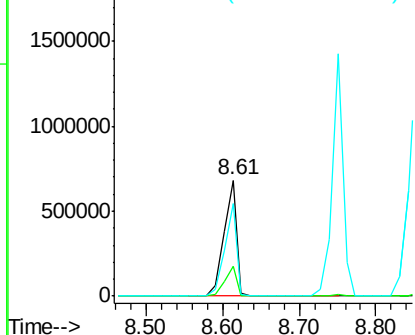
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.3	28.9
142	80.0	59.0	88.6

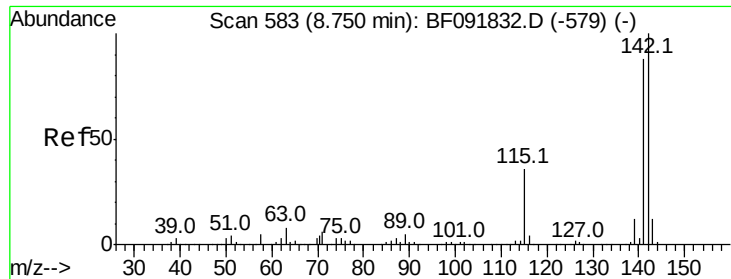


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

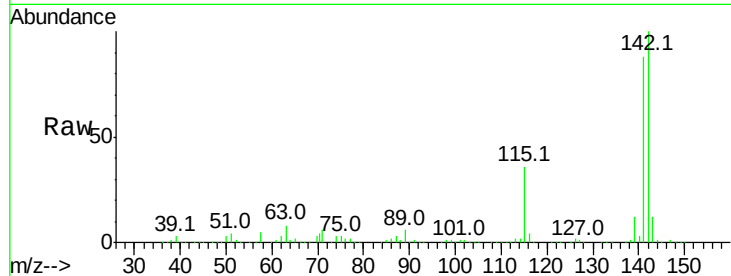




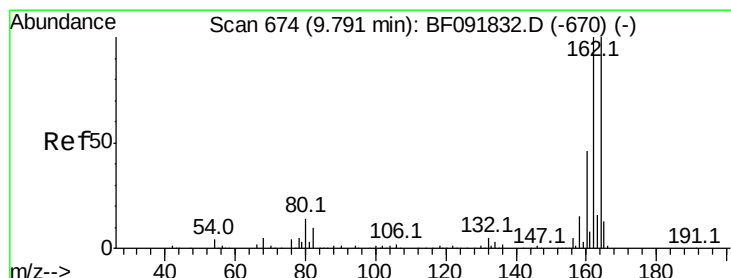
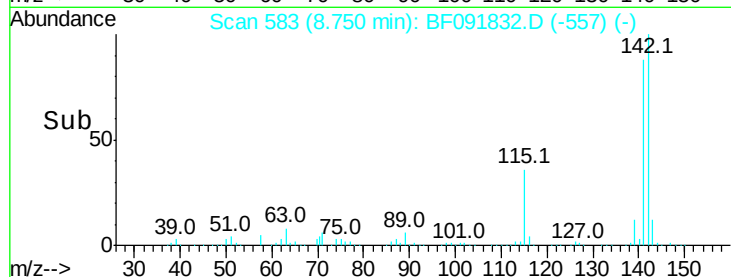
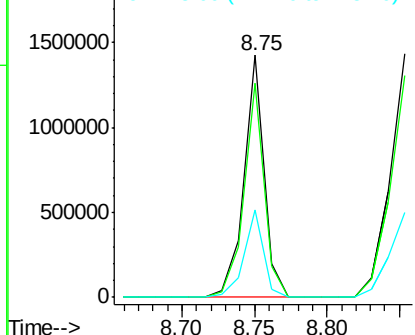
#37
2-Methylnaphthalene
Concen: 38.15 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion:142 Resp: 1376780

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	36.3	28.3	42.5



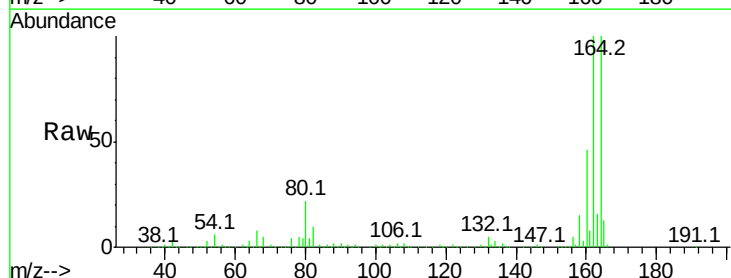
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



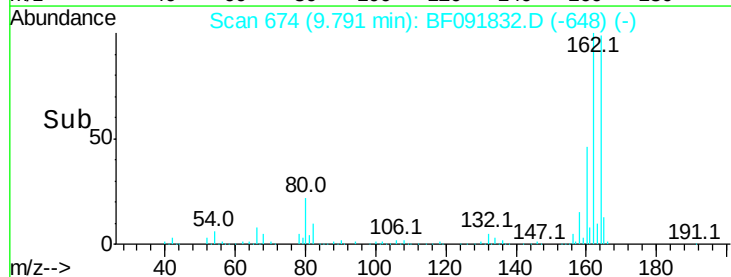
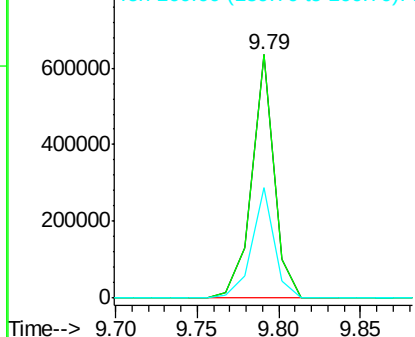
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

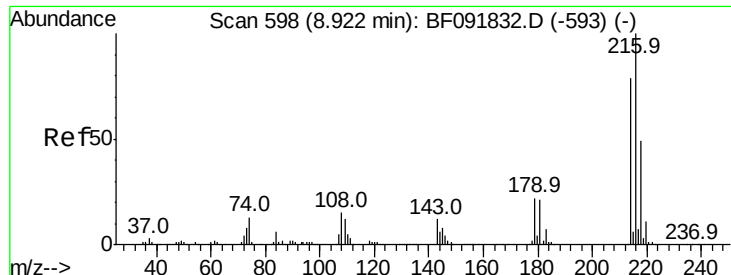
Tgt Ion:164 Resp: 605417

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	45.6	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: 45.09 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tot Ion:216 Resp: 680448

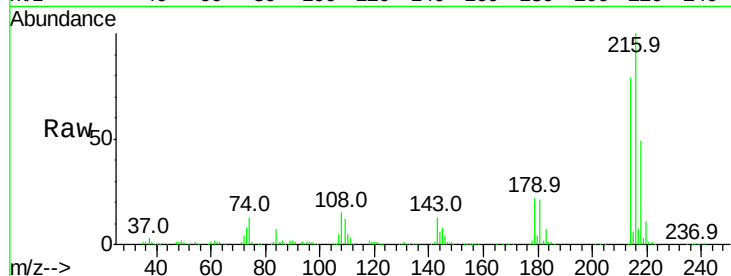
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	23.0	17.4	26.2
108	20.2	15.6	23.4

216 100

214 79.3 63.4 95.0

179 23.0 17.4 26.2

108 20.2 15.6 23.4

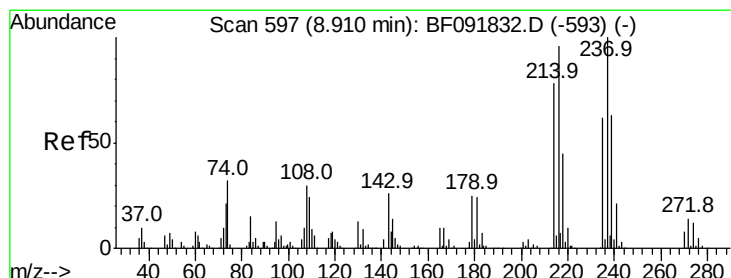
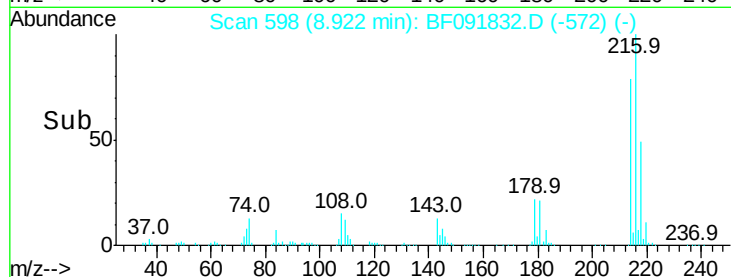
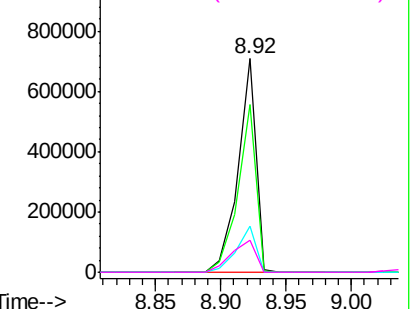


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.53 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

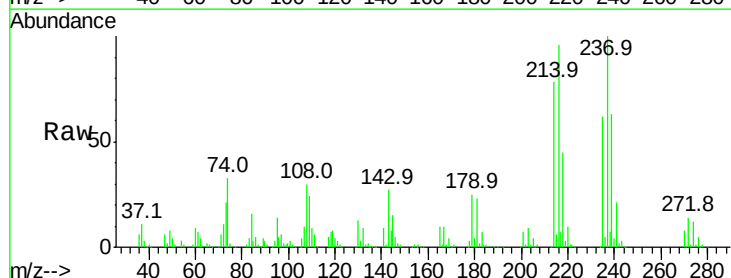
Tgt Ion:237 Resp: 278429

Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.2	81.2
272	13.7	0.0	35.4

237 100

235 62.2 41.2 81.2

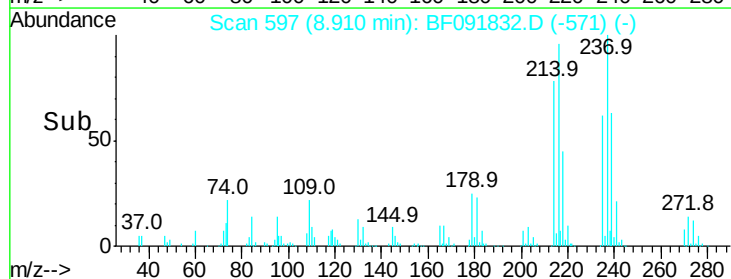
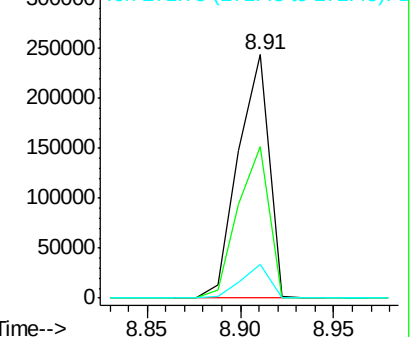
272 13.7 0.0 35.4

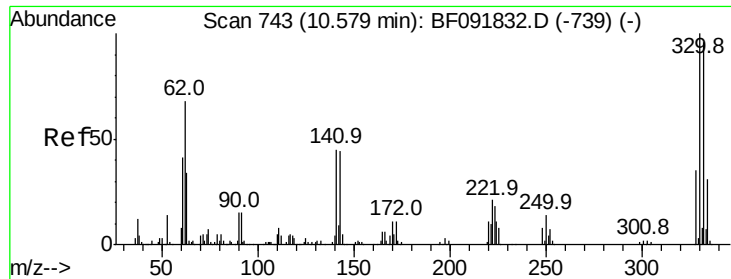


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

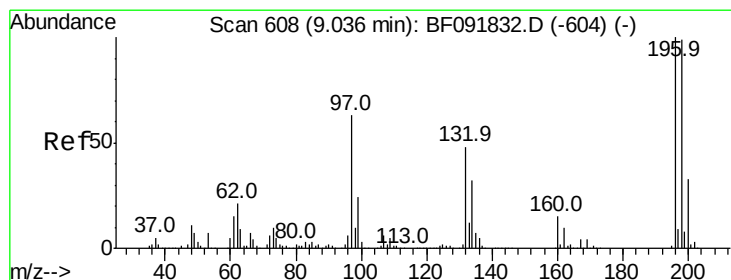
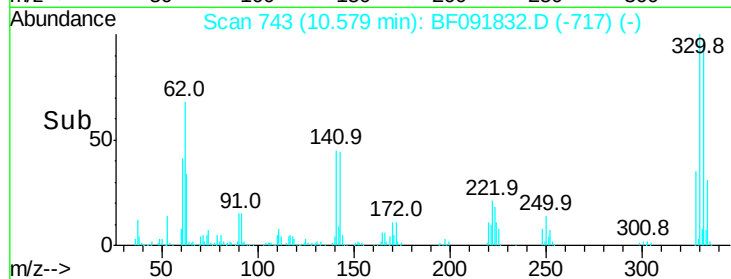
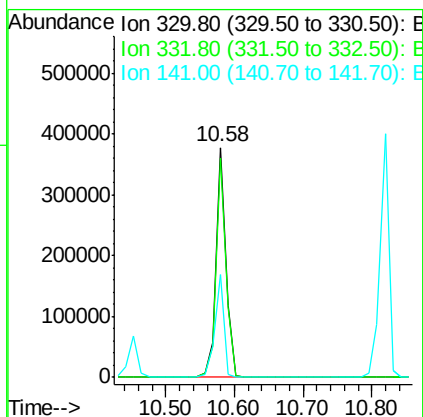
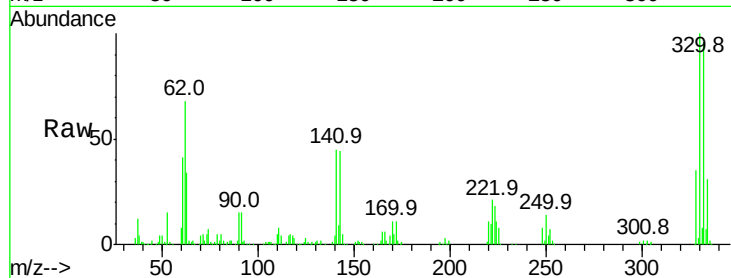
Ion 271.75 (271.45 to 272.45): E





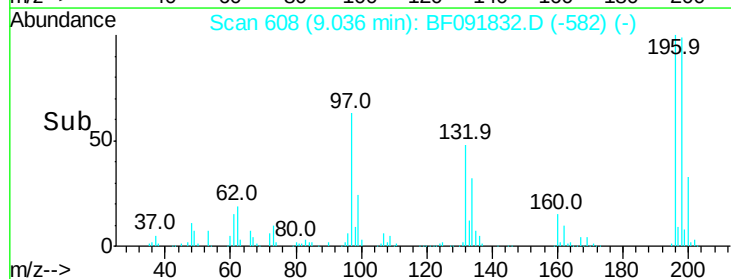
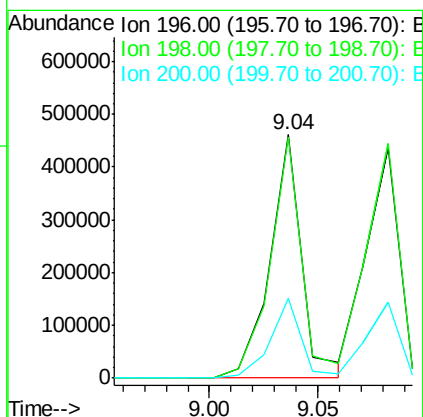
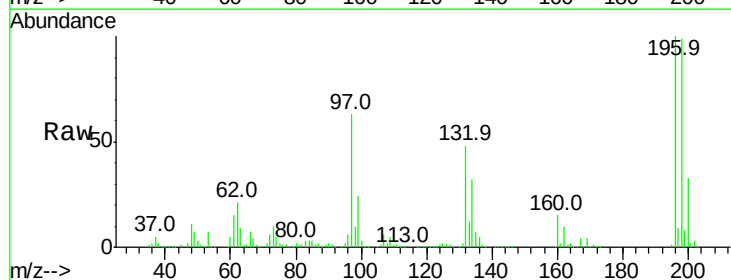
#41
 2,4,6-Tribromophenol
 Concen: 76.06 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

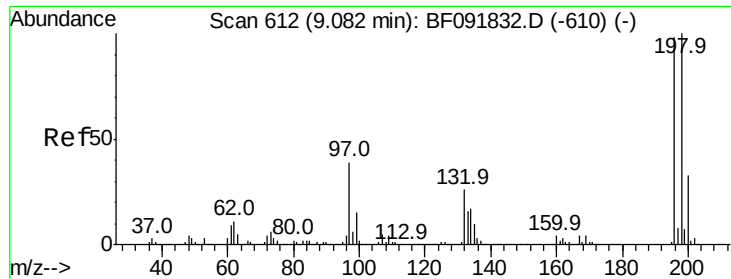
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	41.2	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 43.86 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

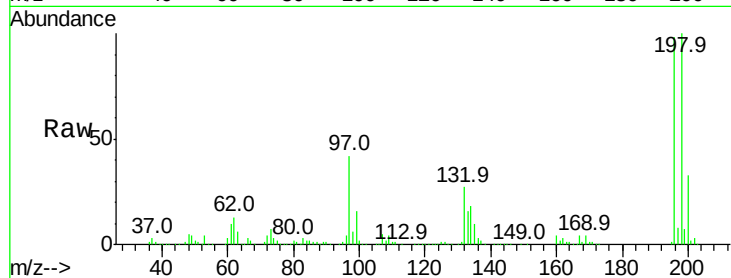
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	82.1	123.1
200	32.7	27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 43.35 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tot Ion:	196	Resp:	459180
Ion	Ratio	Lower	Upper
196	100		
198	101.6	79.4	119.2
97	42.7	51.5	77.3#
132	27.0	27.4	41.2#



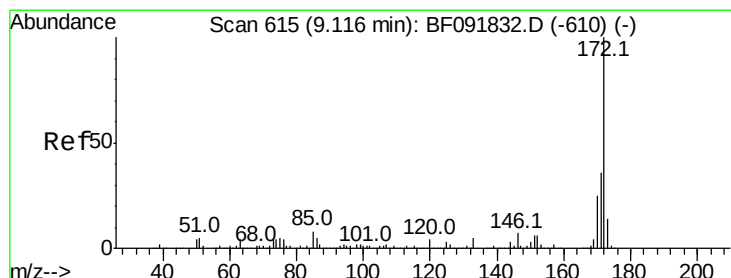
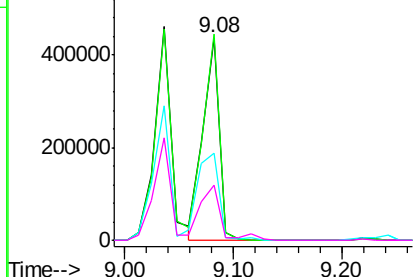
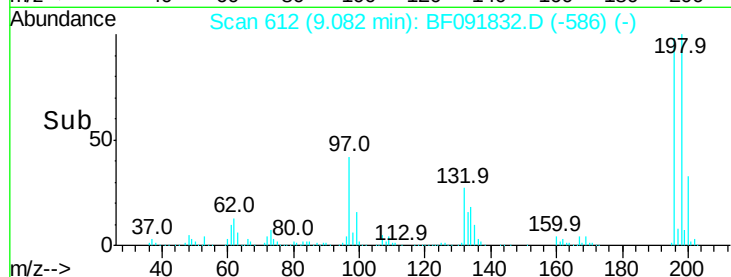
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

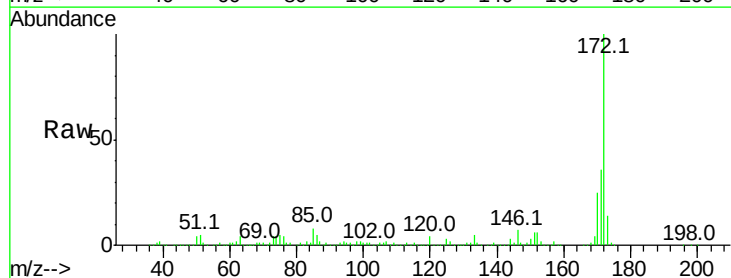
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion:	172	Resp:	2445111
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	25.0	20.2	30.4

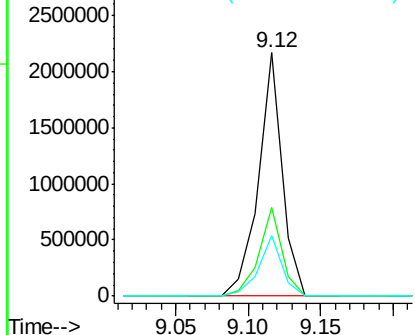
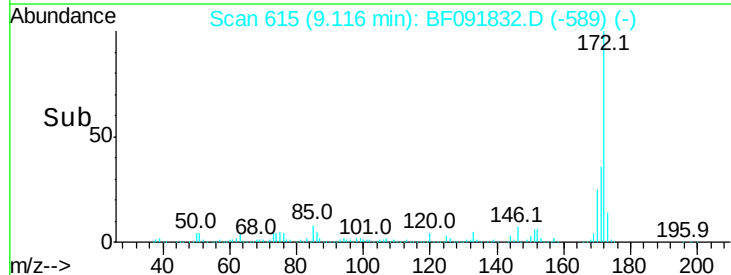


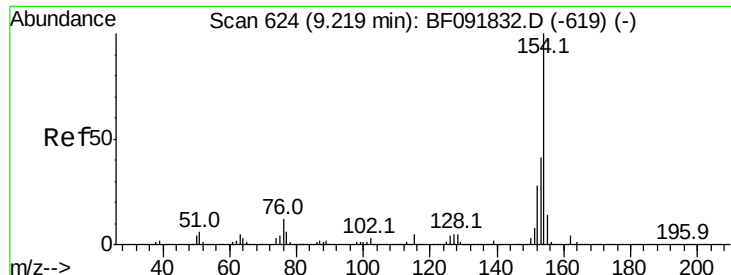
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

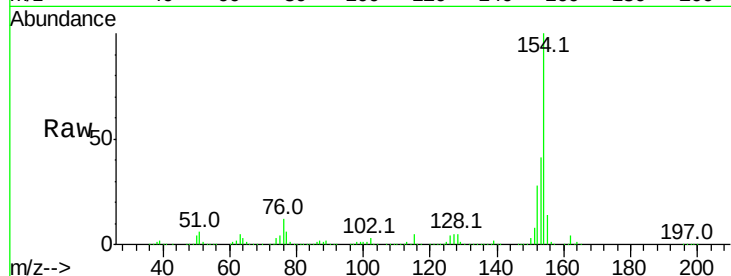
Ion 170.00 (169.70 to 170.70): E



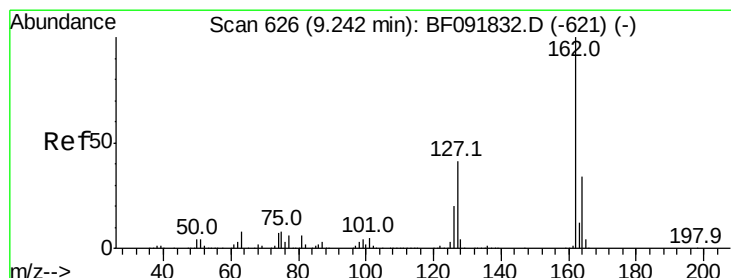
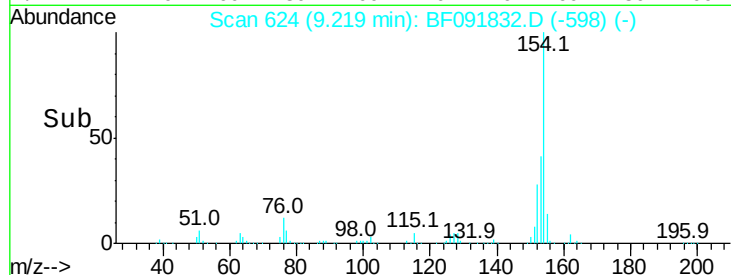
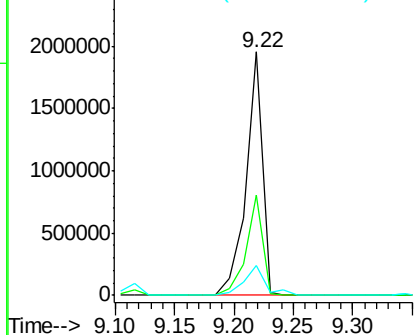


#45
1,1'-Biphenyl
Concen: 43.34 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion:154 Resp: 1880704
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 12.3 0.0 30.5

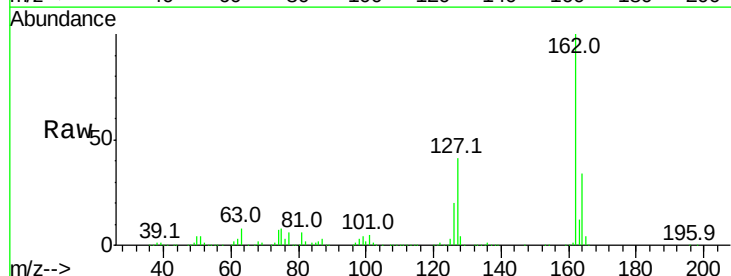


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

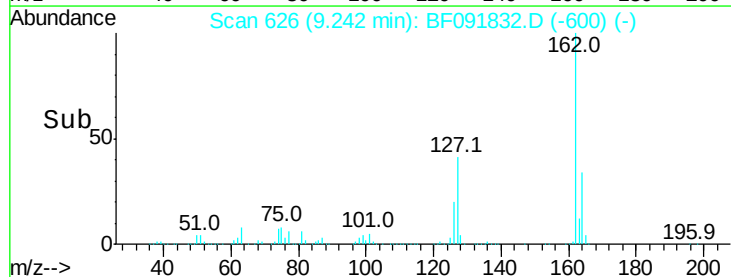
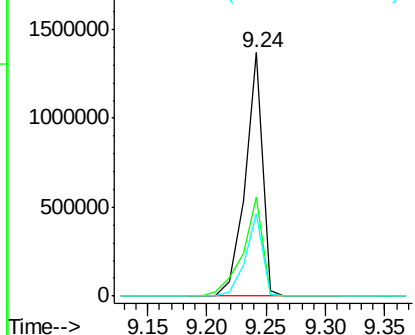


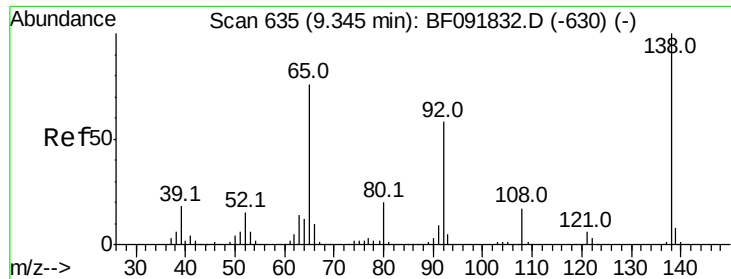
#46
2-Chloronaphthalene
Concen: 42.77 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion:162 Resp: 1387016
Ion Ratio Lower Upper
162 100
127 40.8 30.7 46.1
164 33.9 27.6 41.4



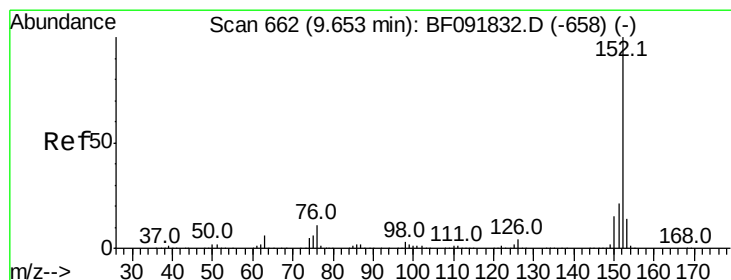
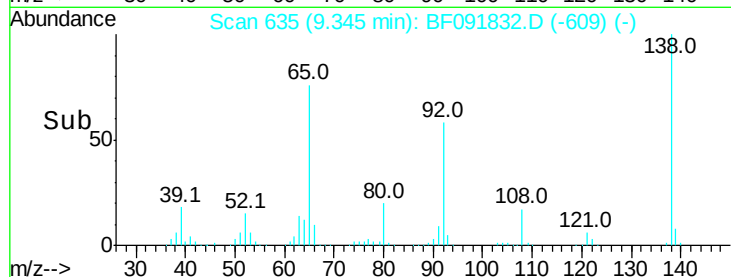
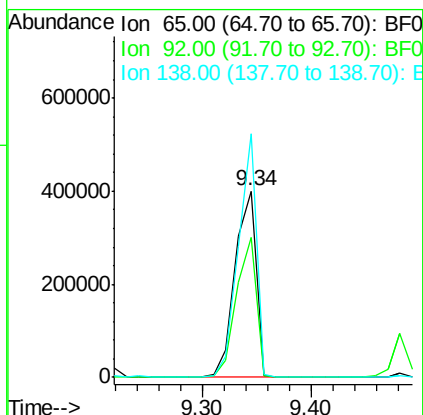
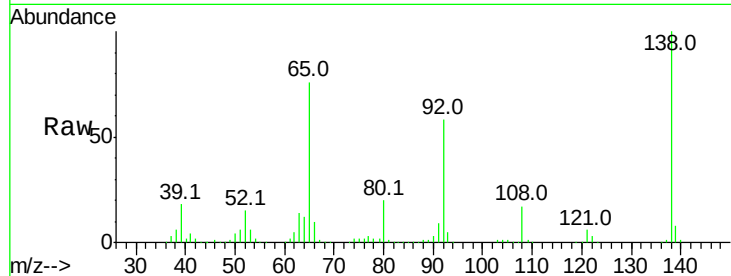
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





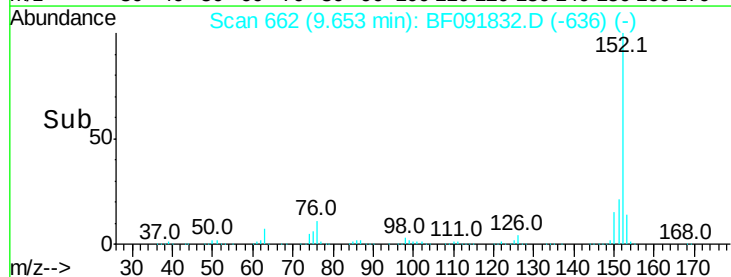
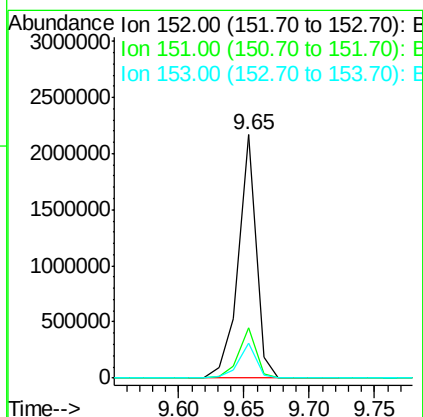
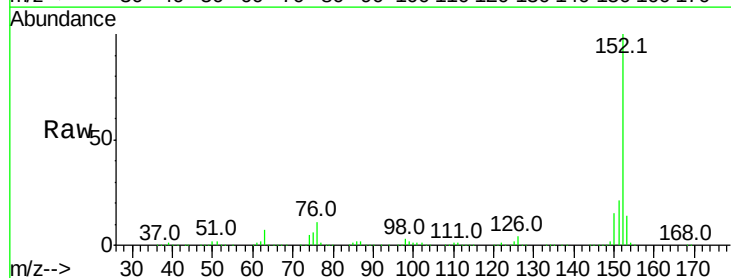
#47
2-Nitroaniline
Concen: 47.95 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

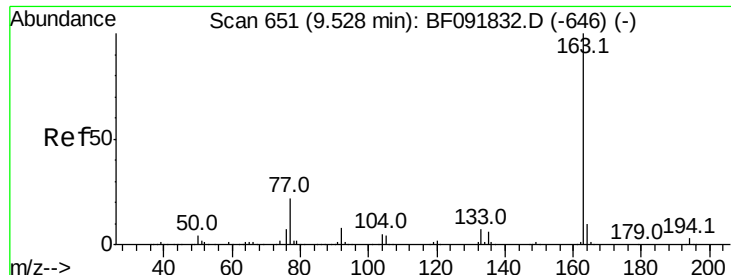
Tot Ion: 65 Resp: 530867
Ion Ratio Lower Upper
65 100
92 75.3 53.9 80.9
138 130.9 76.8 115.2#



#48
Acenaphthylene
Concen: 40.66 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion: 152 Resp: 2043121
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 41.25 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

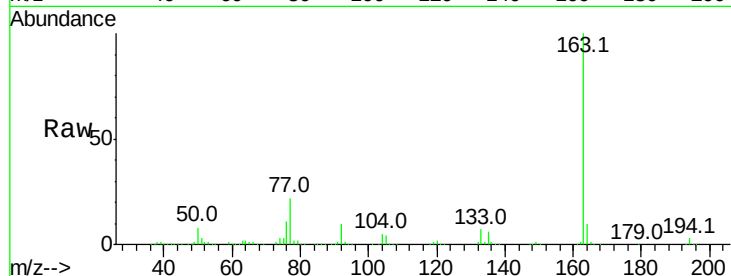
Tot Ion:163 Resp: 1631372

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

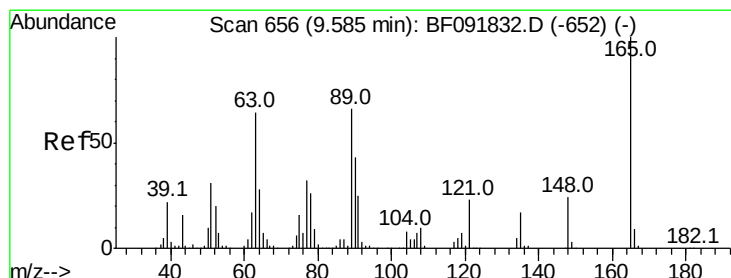
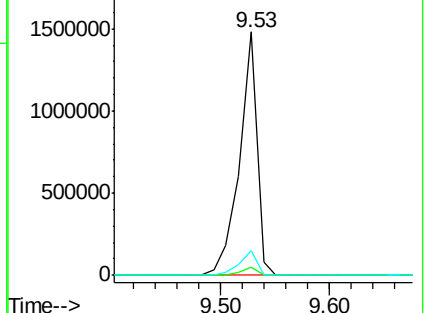
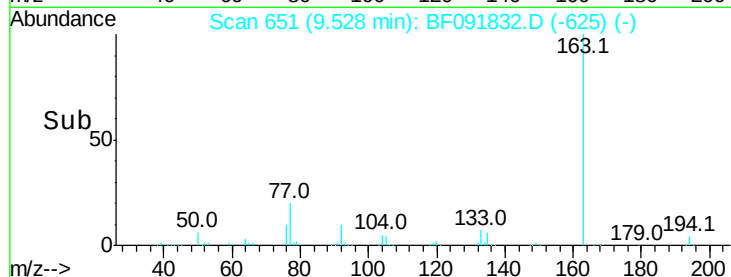
164 10.4 8.0 12.0



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: 39.67 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

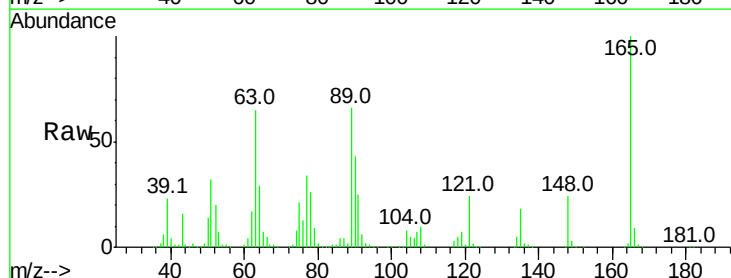
Tgt Ion:165 Resp: 343993

Ion Ratio Lower Upper

165 100

63 64.8 36.2 54.4#

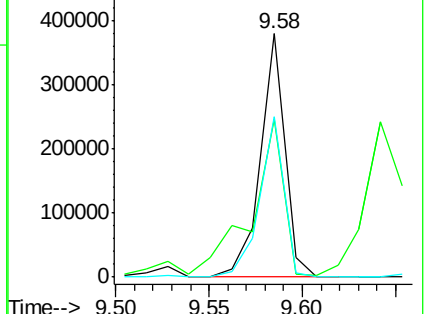
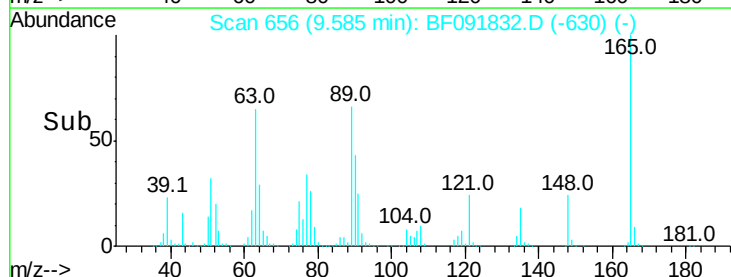
89 65.9 40.2 60.4#

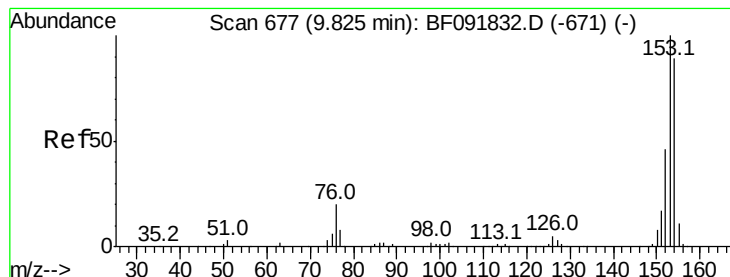


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.57 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

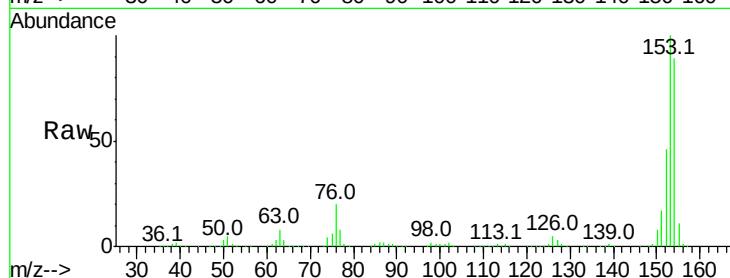
Tot Ion:154 Resp: 1364670

Ion Ratio Lower Upper

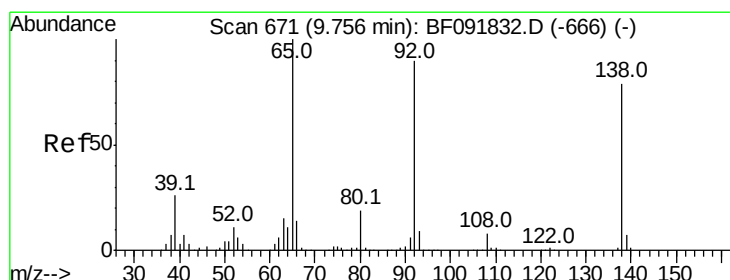
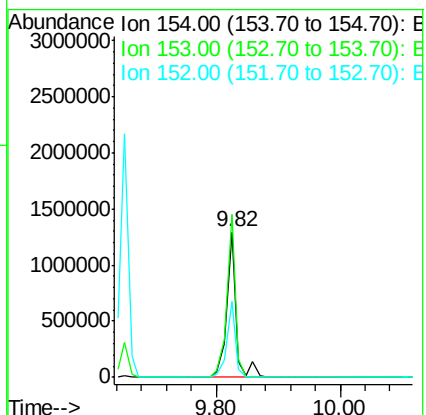
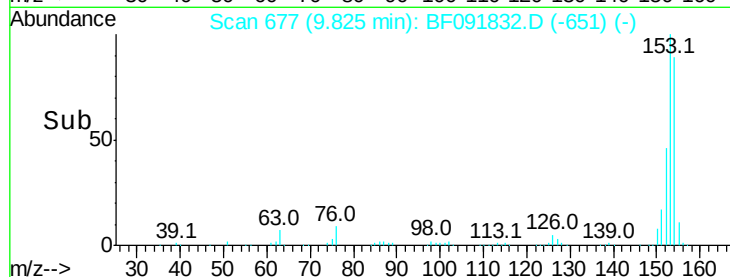
154 100

153 112.0 88.6 133.0

152 52.1 41.6 62.4



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



#52

3-Nitroaniline

Concen: 44.53 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

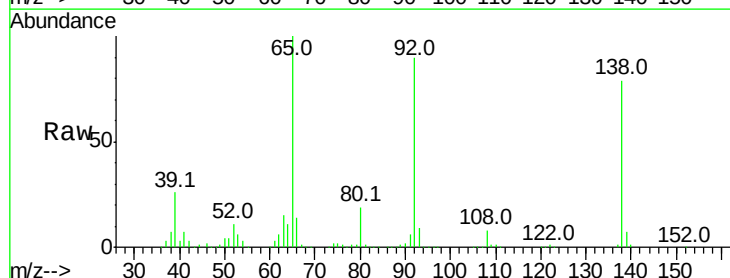
Tgt Ion:138 Resp: 480725

Ion Ratio Lower Upper

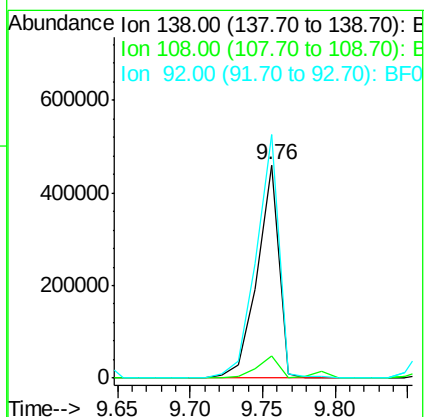
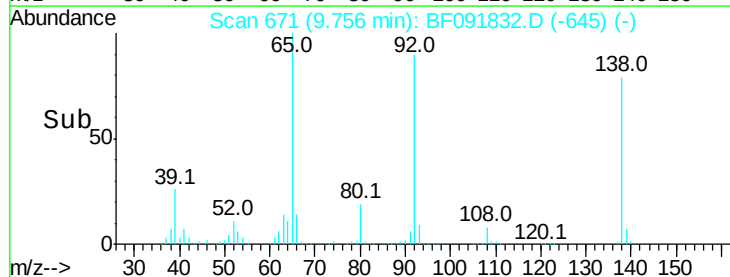
138 100

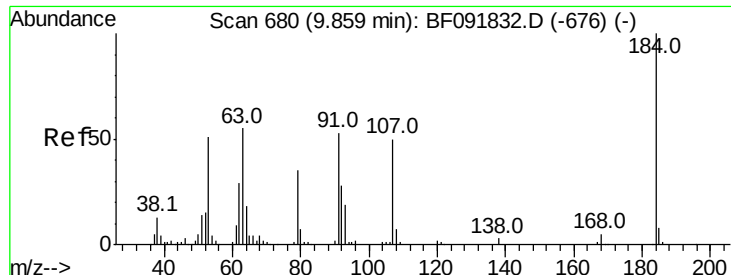
108 10.3 8.5 12.7

92 114.1 97.8 146.8



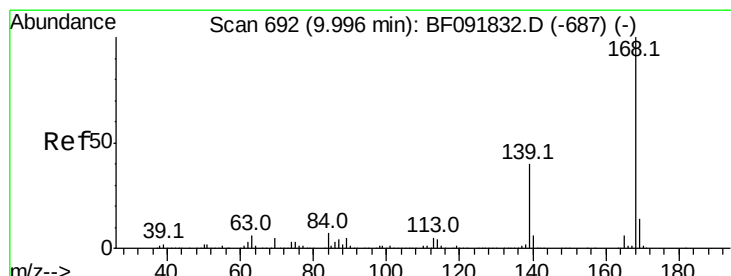
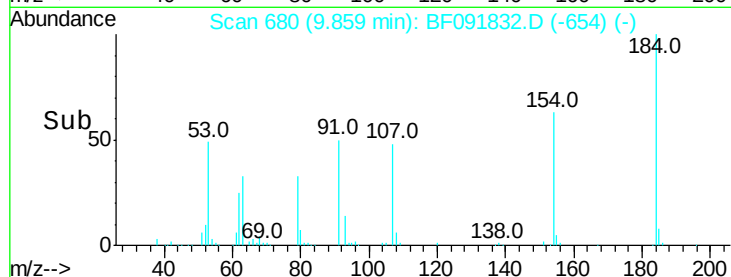
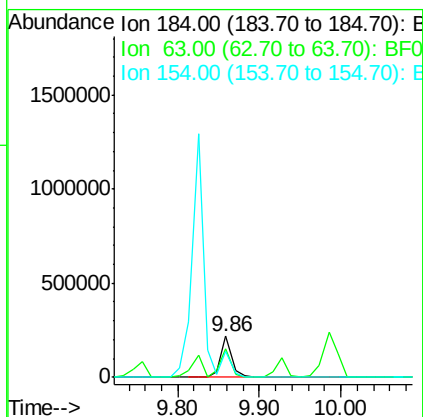
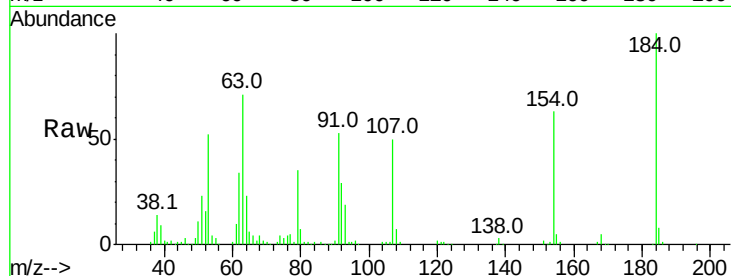
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





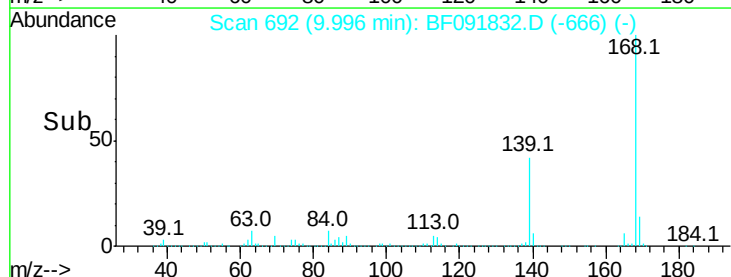
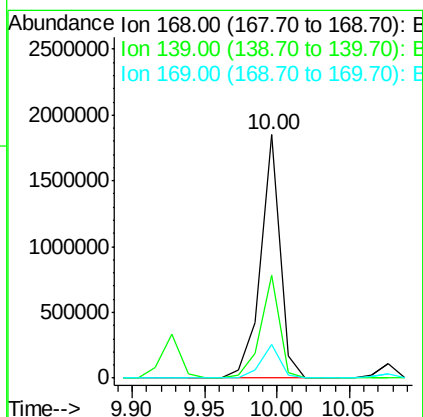
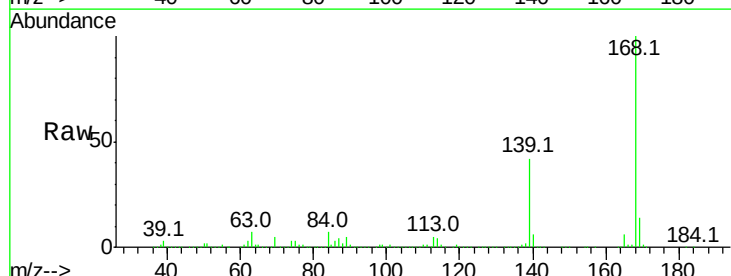
#53
 2,4-Dinitrophenol
 Concen: 46.35 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

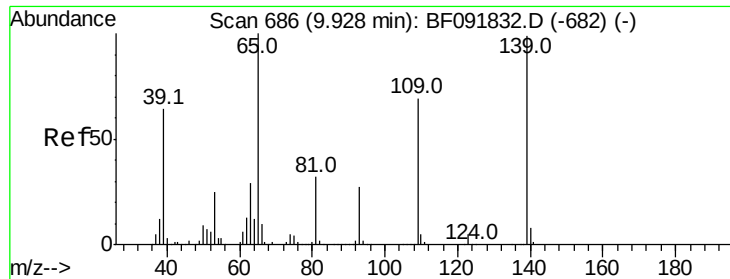
Tot Ion:184 Resp: 217118
 Ion Ratio Lower Upper
 184 100
 63 70.5 28.4 42.6#
 154 63.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 41.87 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

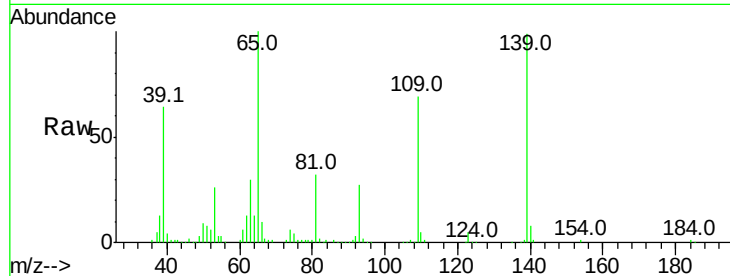
Tgt Ion:168 Resp: 1716804
 Ion Ratio Lower Upper
 168 100
 139 42.1 32.6 49.0
 169 14.0 11.3 16.9



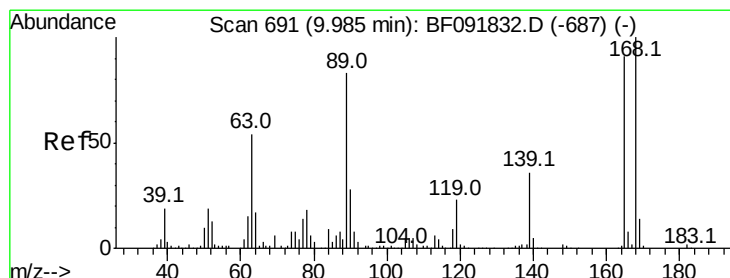
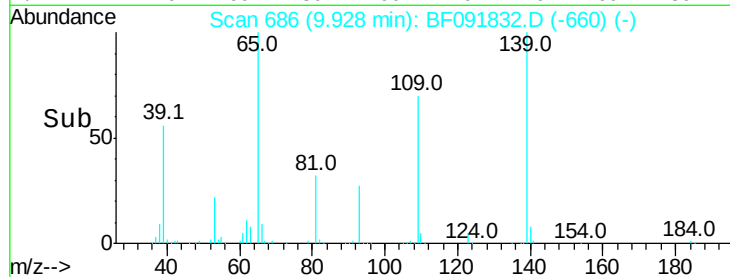
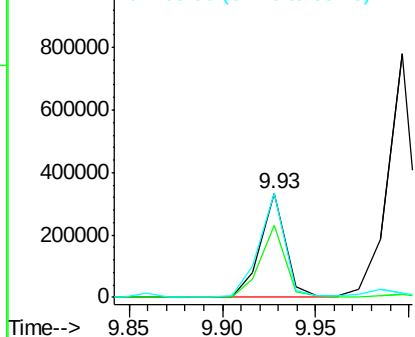


#55
4-Nitrophenol
Concen: 41.82 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.8	52.2	92.2
65	100.9	85.8	125.8



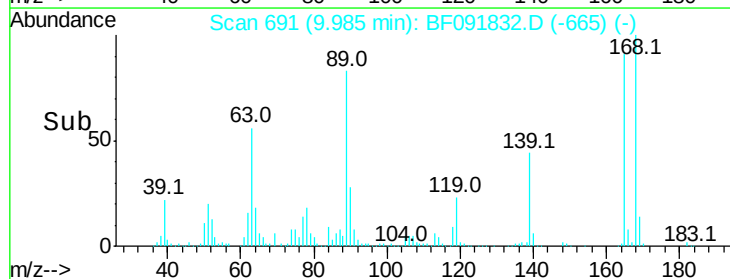
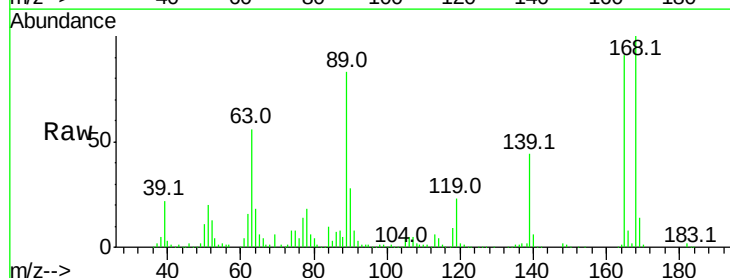
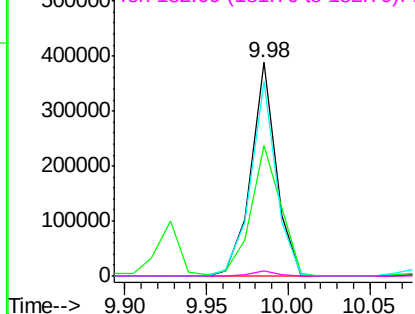
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

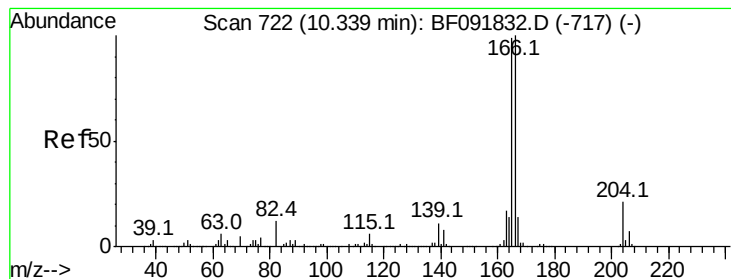


#56
2,4-Dinitrotoluene
Concen: 38.58 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.4	40.2	60.4#
89	90.9	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: 44.24 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

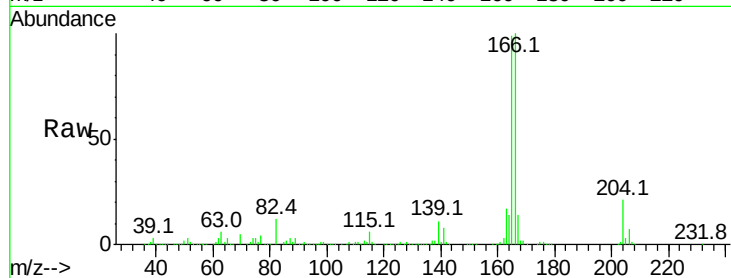
Tot Ion:166 Resp: 1409065

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

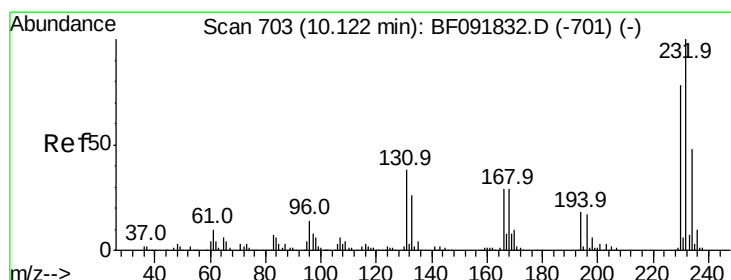
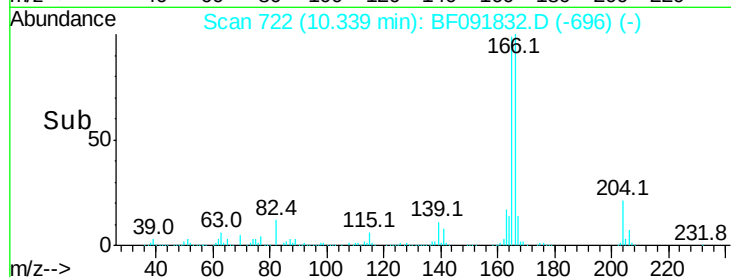
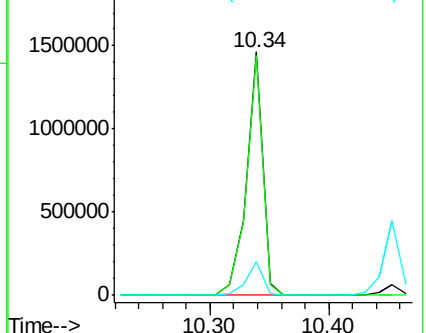
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.21 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:232 Resp: 378411

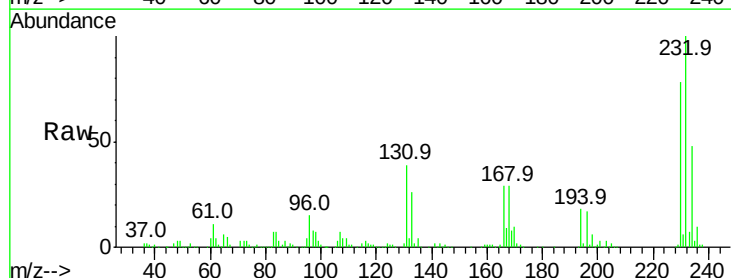
Ion Ratio Lower Upper

232 100

131 48.4 40.1 60.1

130 2.4 1.8 2.8

166 32.8 26.6 39.8

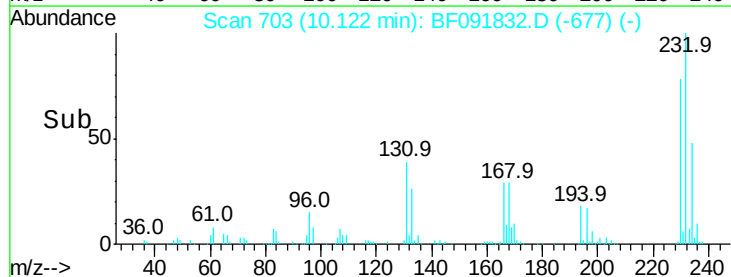
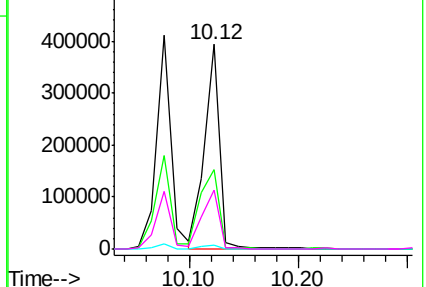


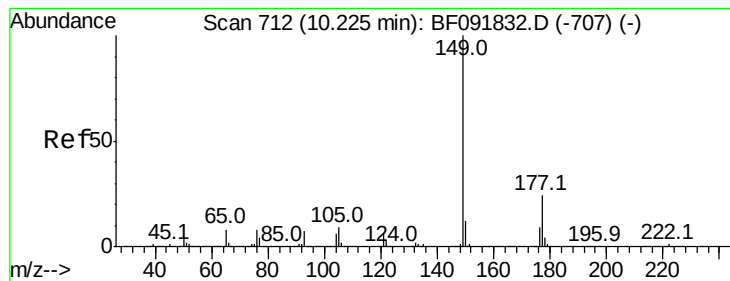
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.37 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

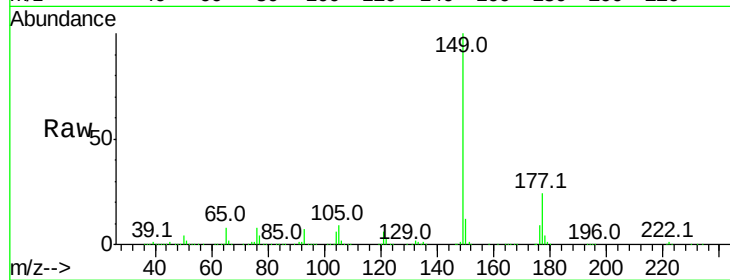
Tot Ion:149 Resp: 1647178

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

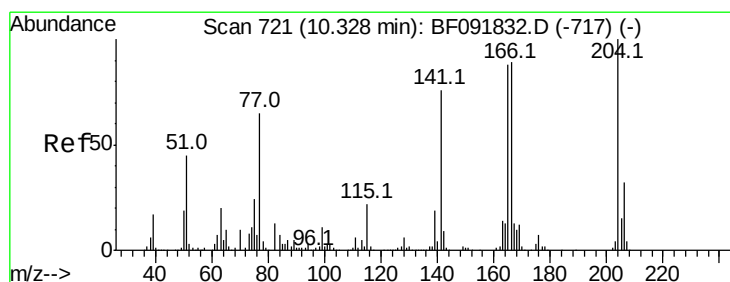
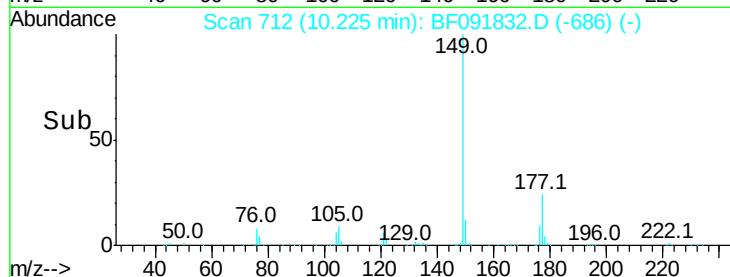
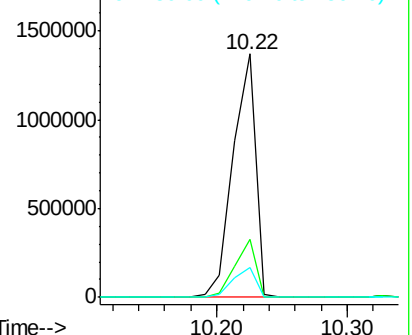
150 12.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.70 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

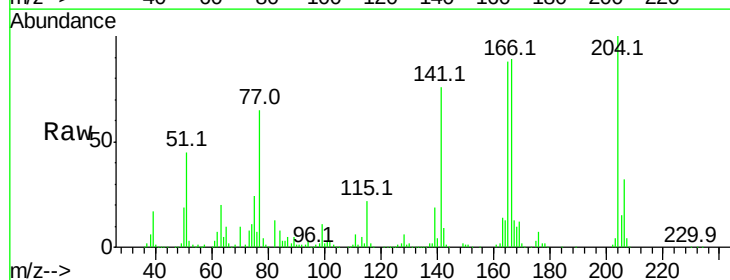
Tgt Ion:204 Resp: 590445

Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.6

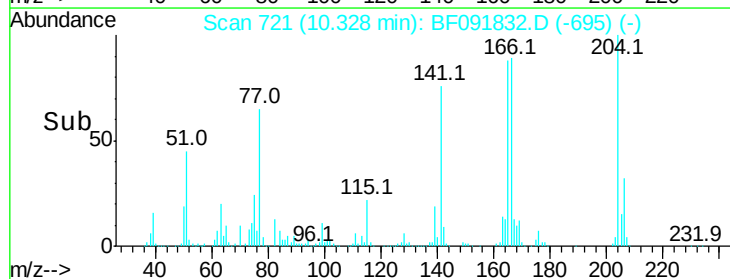
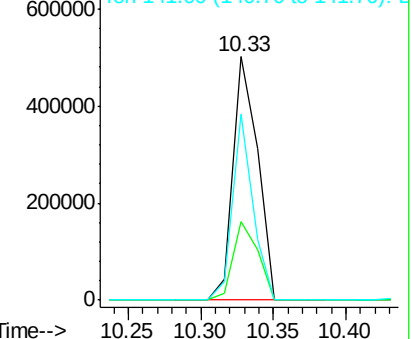
141 76.4 59.4 89.0

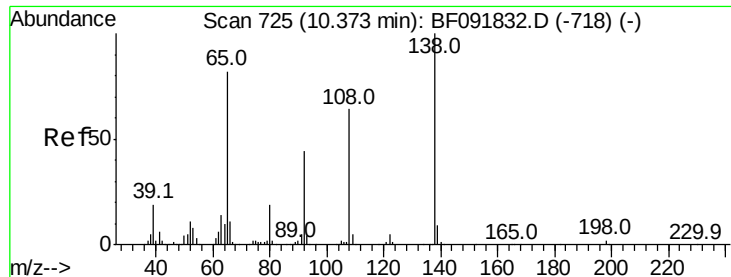


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

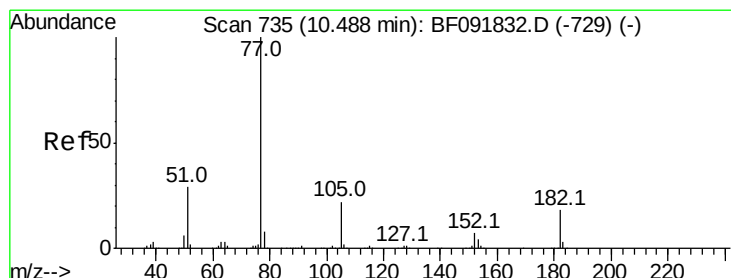
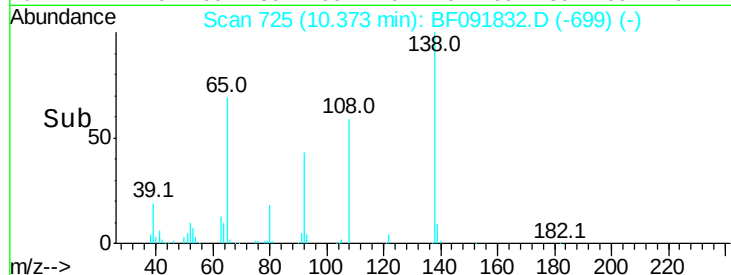
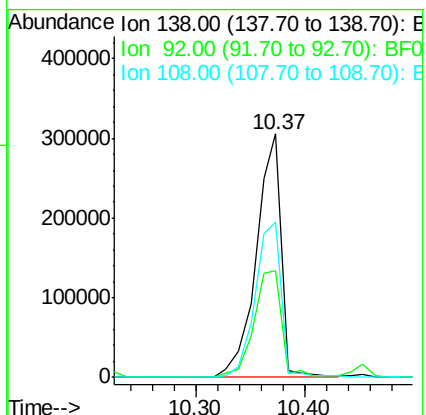
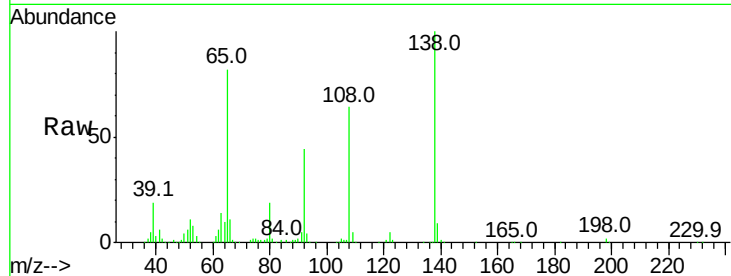
Ion 141.00 (140.70 to 141.70): E





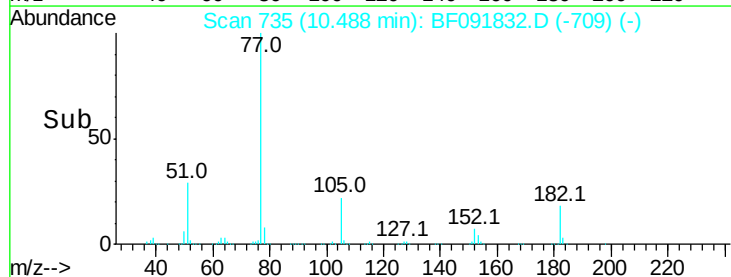
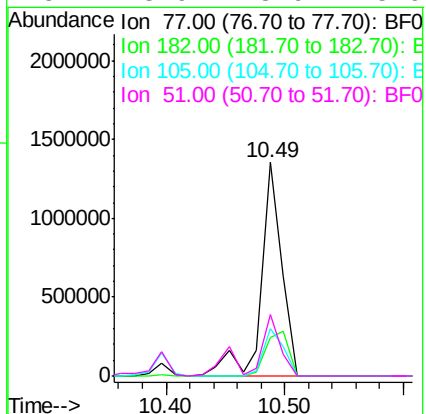
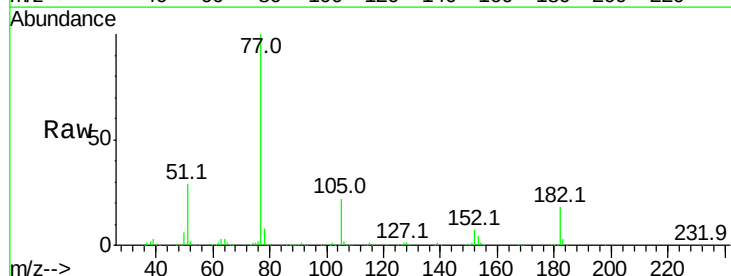
#61
4-Nitroaniline
Concen: 47.91 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

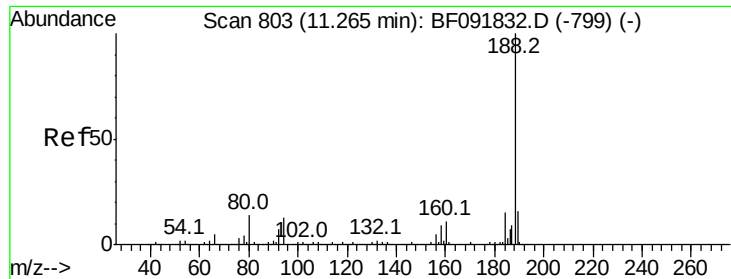
Tot Ion:138 Resp: 489994
Ion Ratio Lower Upper
138 100
92 43.6 31.7 71.7
108 63.9 52.6 92.6



#62
Azobenzene
Concen: 39.82 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

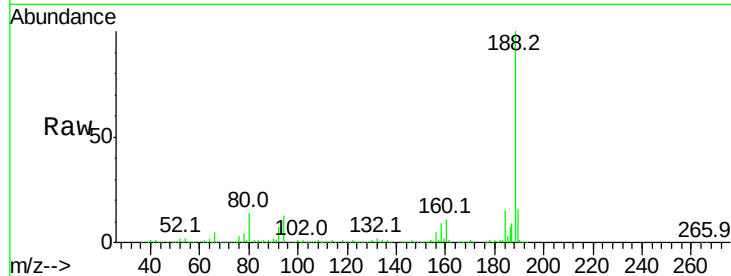
Tgt Ion: 77 Resp: 1647080
Ion Ratio Lower Upper
77 100
182 17.7 0.0 39.3
105 22.0 2.3 42.3
51 28.9 8.9 48.9



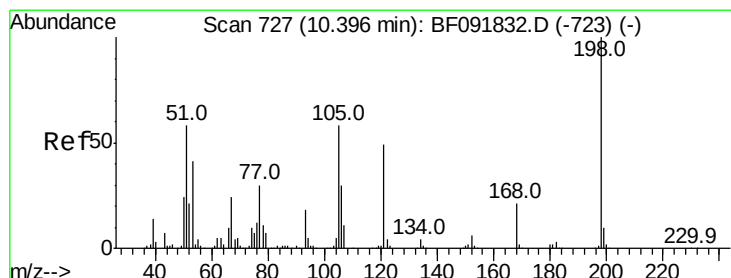
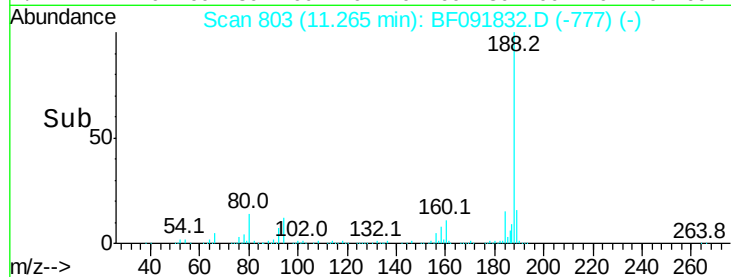
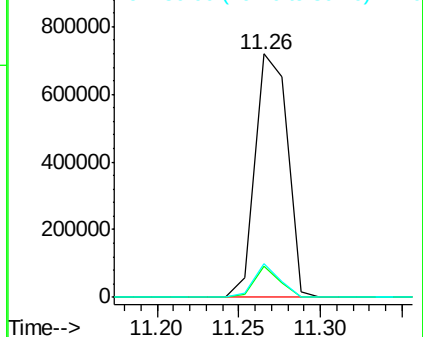


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion:188 Resp: 994063
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 13.8 11.2 16.8

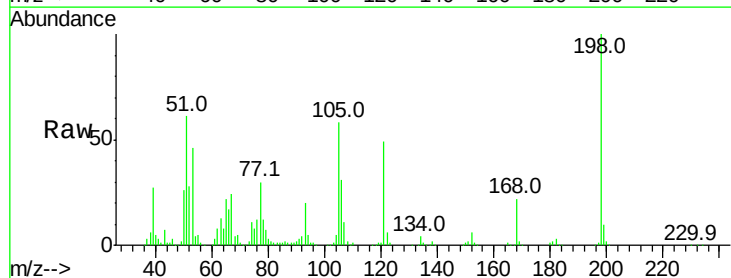


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

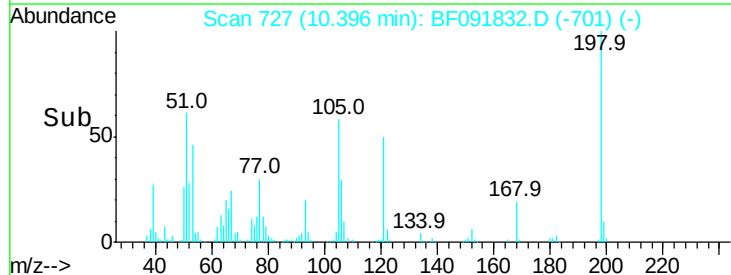
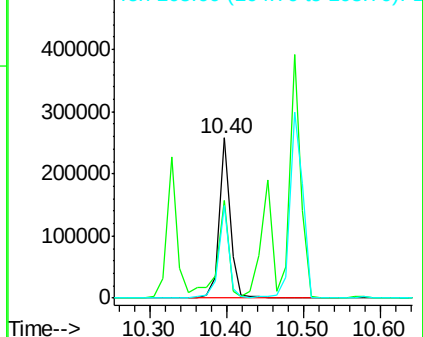


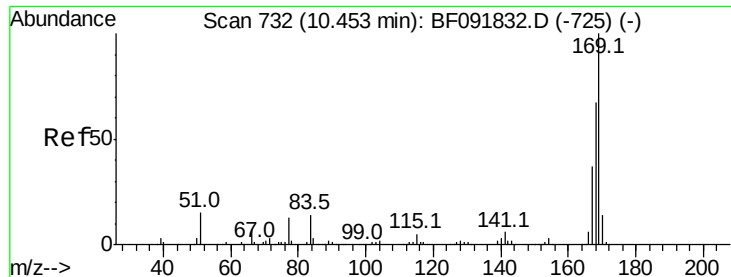
#64
4,6-Dinitro-2-methylphenol
Concen: 39.48 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion:198 Resp: 258819
Ion Ratio Lower Upper
198 100
51 61.2 6.7 46.7#
105 57.8 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: 38.07 ng

RT: 10.45 min Scan# 732

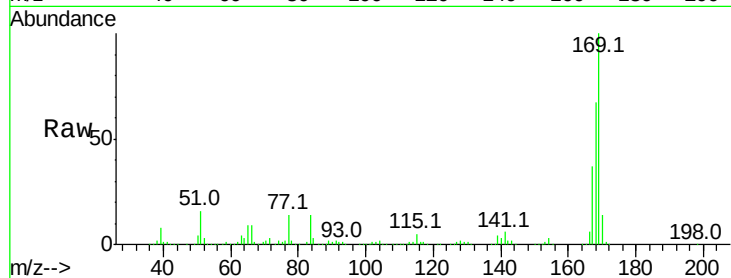
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tot Ion:169 Resp: 1175152

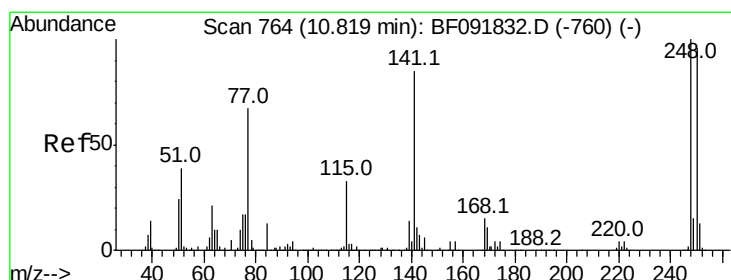
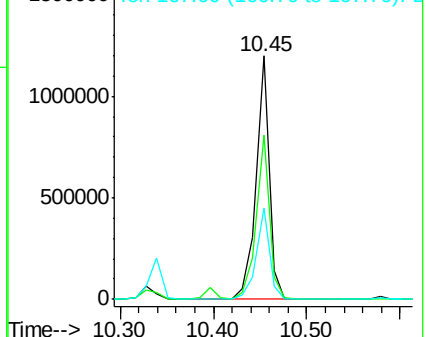
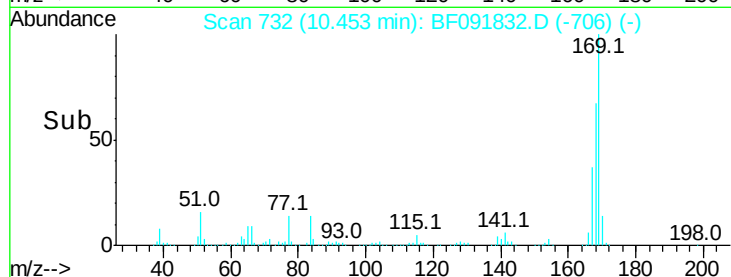
Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.2	81.2
167	37.3	30.2	45.4



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: 39.40 ng

RT: 10.82 min Scan# 764

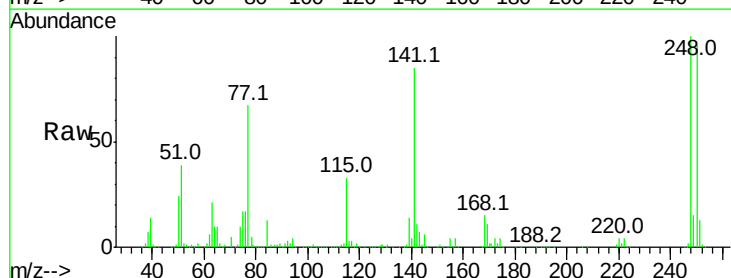
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:248 Resp: 410719

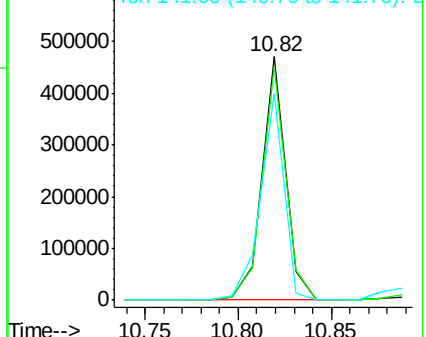
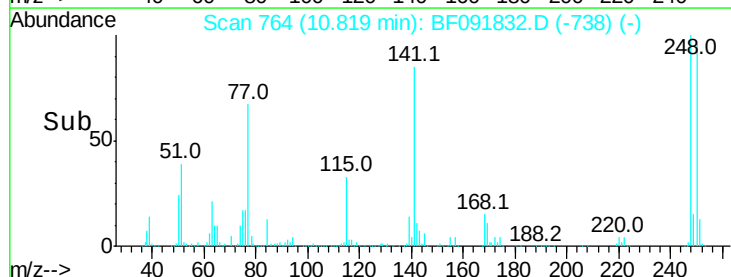
Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.9	115.3
141	85.0	68.2	102.4

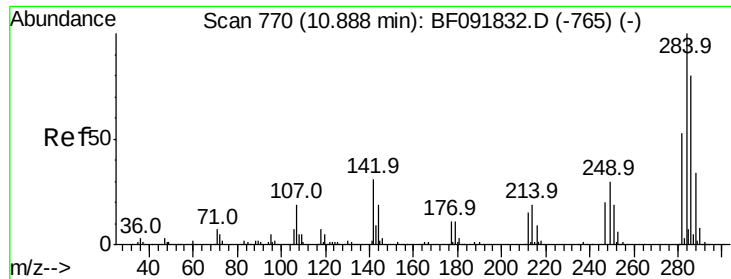


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.46 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

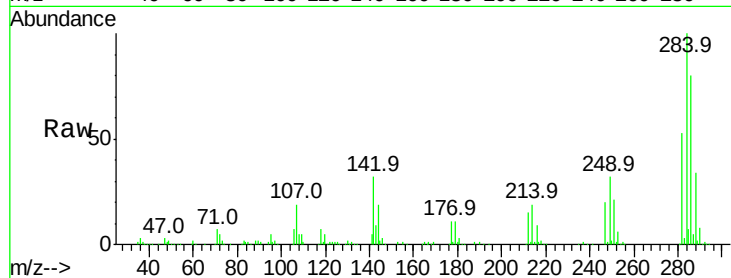
Tot Ion:284 Resp: 452843

Ion Ratio Lower Upper

284 100

142 31.8 22.6 33.8

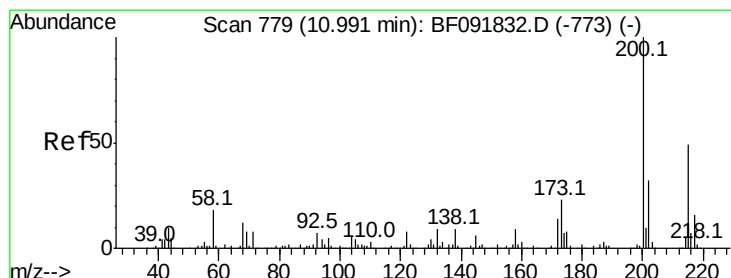
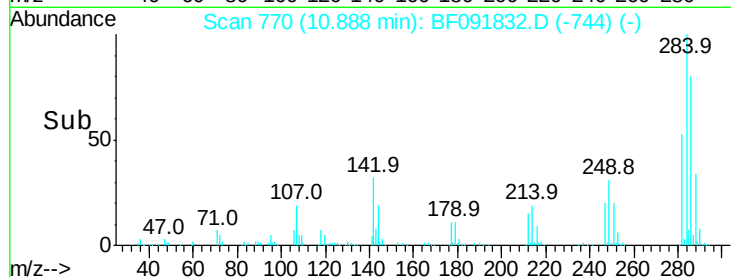
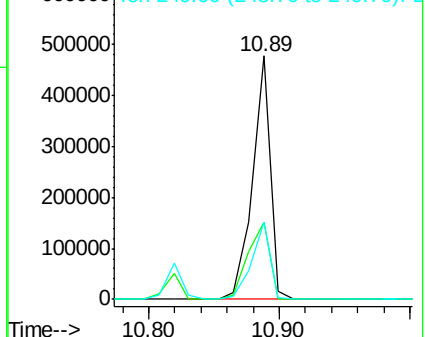
249 31.7 25.4 38.0



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: 40.80 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

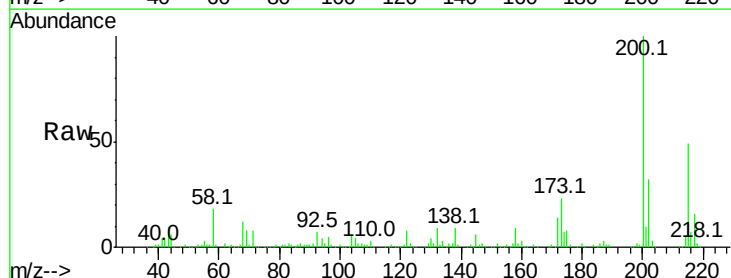
Tgt Ion:200 Resp: 380617

Ion Ratio Lower Upper

200 100

173 22.8 9.6 49.6

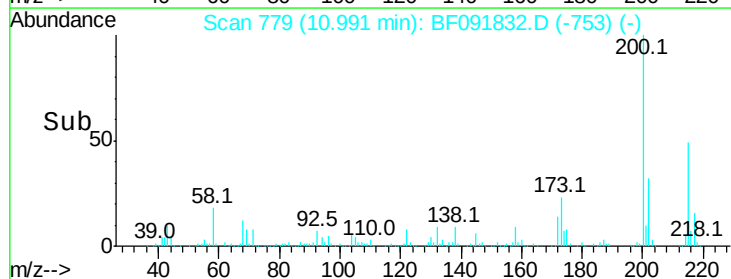
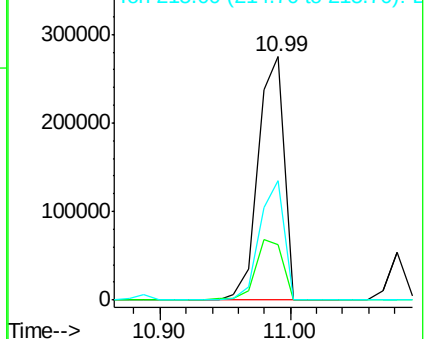
215 48.9 25.7 65.7

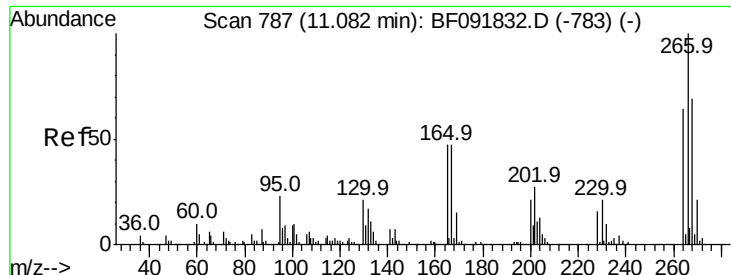


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

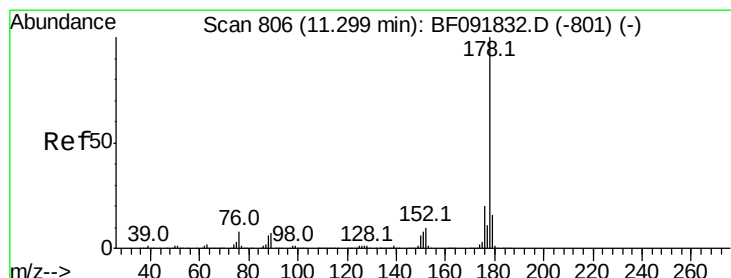
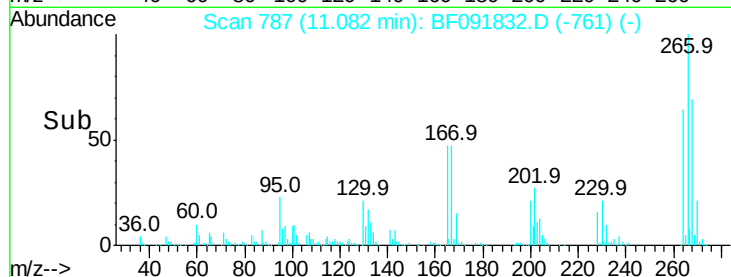
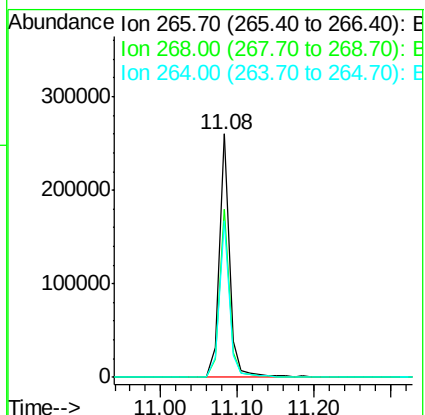
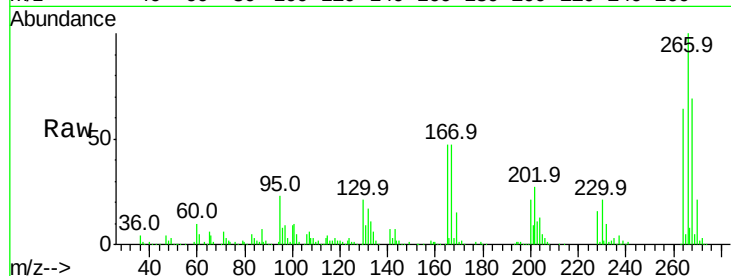
Ion 215.00 (214.70 to 215.70): E





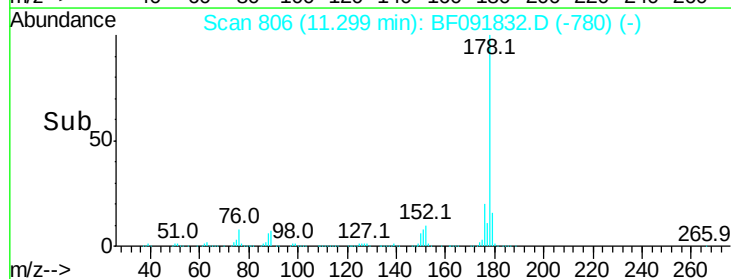
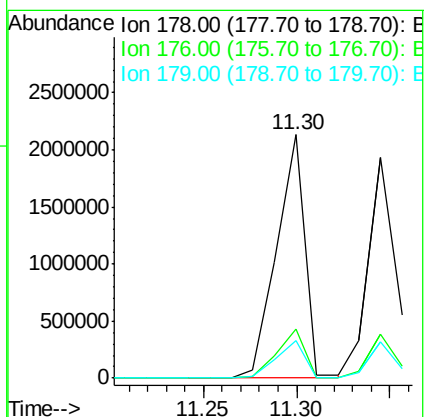
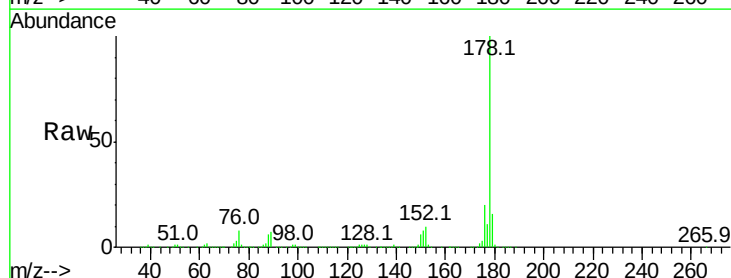
#69
 Pentachlorophenol
 Concen: 41.38 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

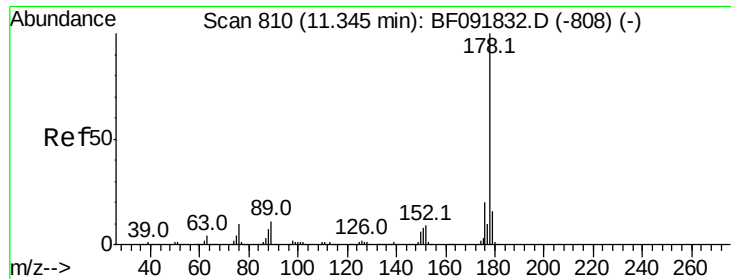
Tot Ion	Ratio	Lower	Upper
266	100		
268	69.1	53.3	79.9
264	64.1	50.3	75.5



#70
 Phenanthrene
 Concen: 45.19 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

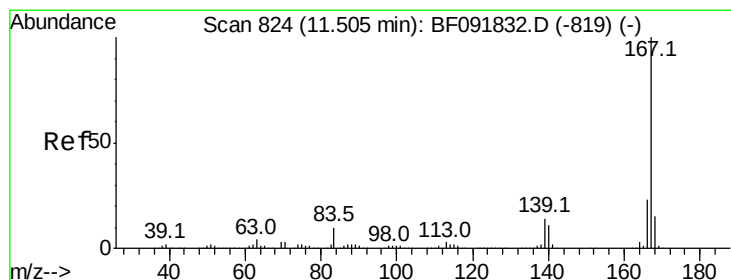
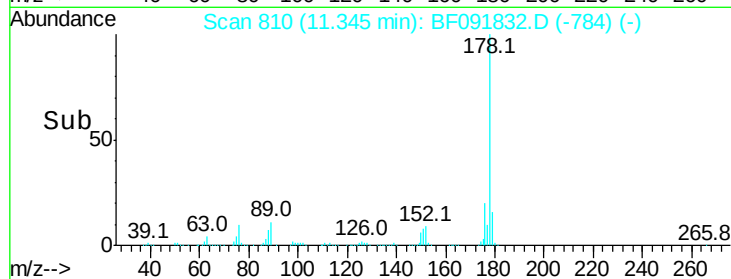
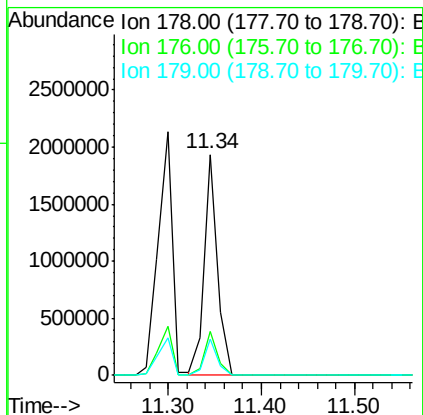
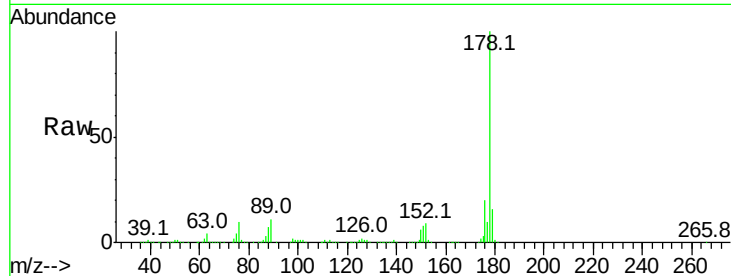
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	15.6	12.8	19.2





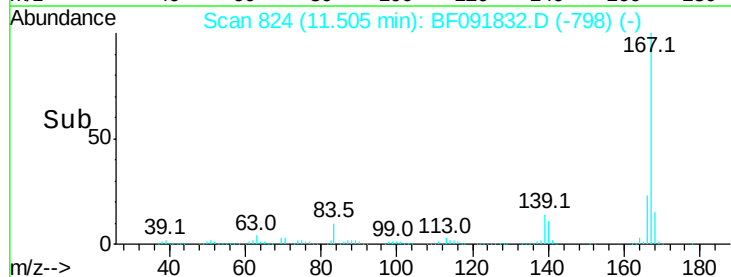
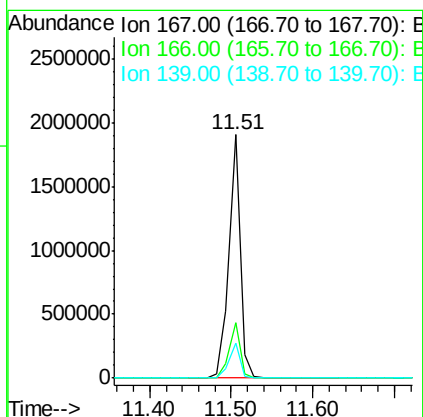
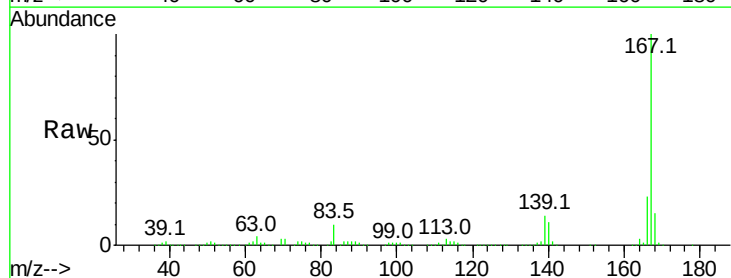
#71
 Anthracene
 Concen: 36.94 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

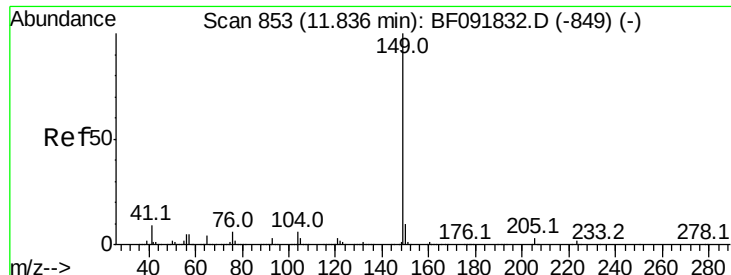
Tot Ion:178 Resp: 1943571
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.4 13.2 19.8



#72
 Carbazole
 Concen: 39.75 ng
 RT: 11.51 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

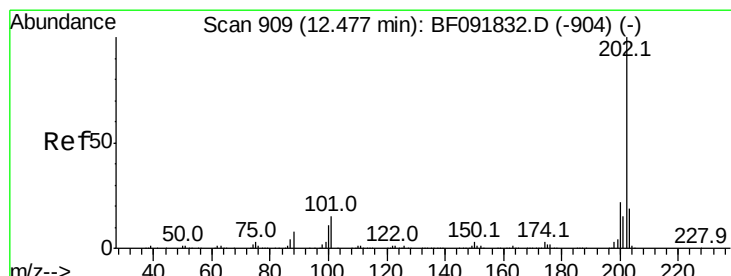
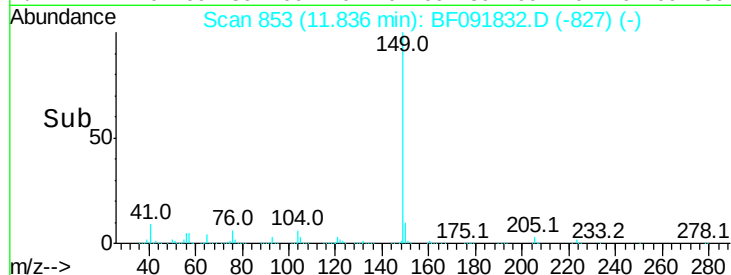
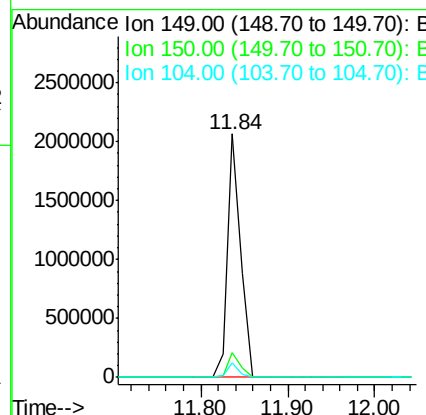
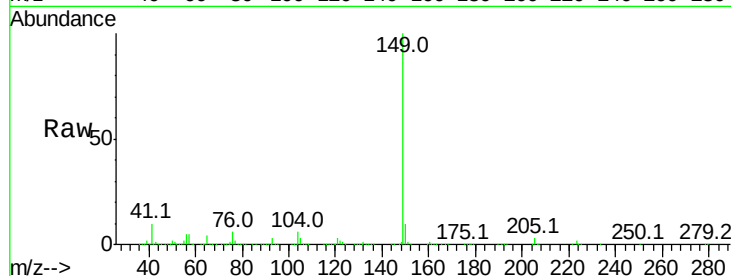
Tgt Ion:167 Resp: 1828544
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 14.5 11.4 17.2





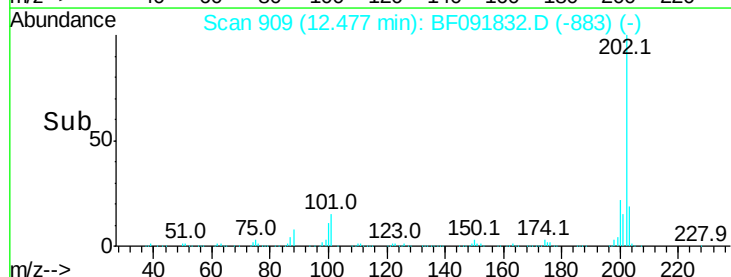
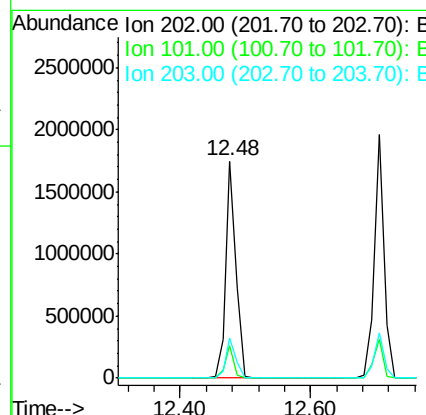
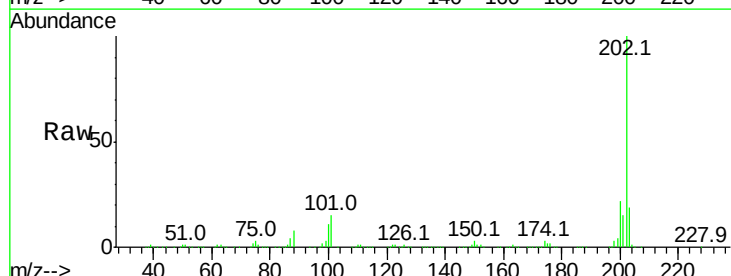
#73
Di-n-butylphthalate
Concen: 36.81 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

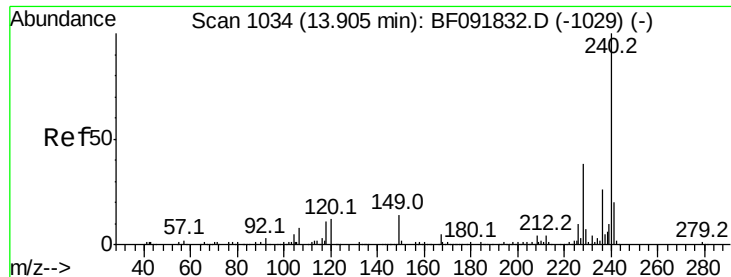
Tot Ion:149 Resp: 2170927
Ion Ratio Lower Upper
149 100
150 10.1 8.1 12.1
104 5.7 4.6 7.0



#74
Fluoranthene
Concen: 37.23 ng
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

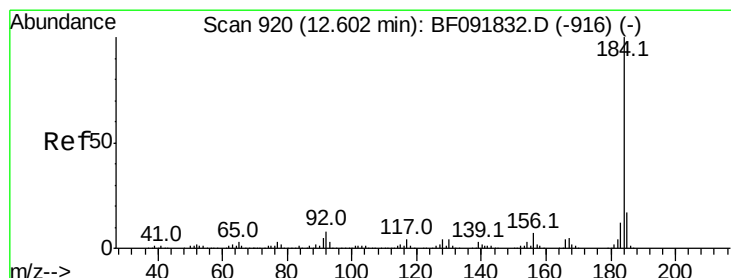
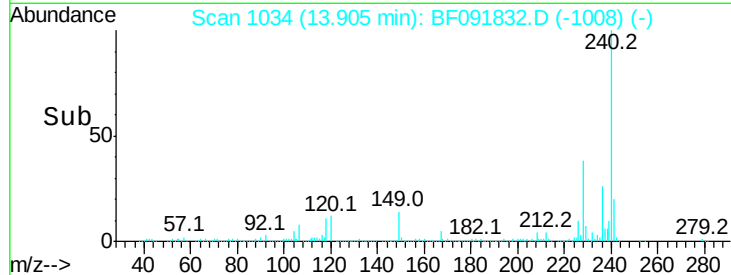
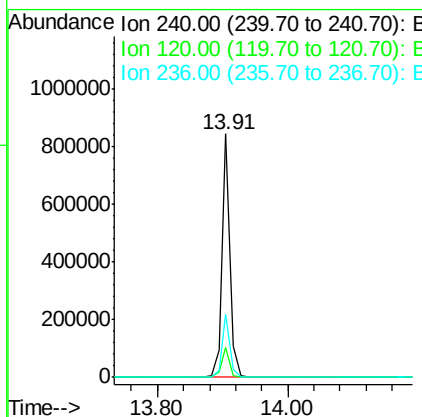
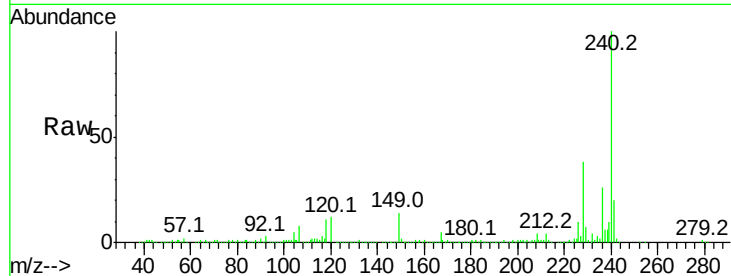
Tgt Ion:202 Resp: 1931624
Ion Ratio Lower Upper
202 100
101 14.7 0.0 34.6
203 18.6 0.0 38.7





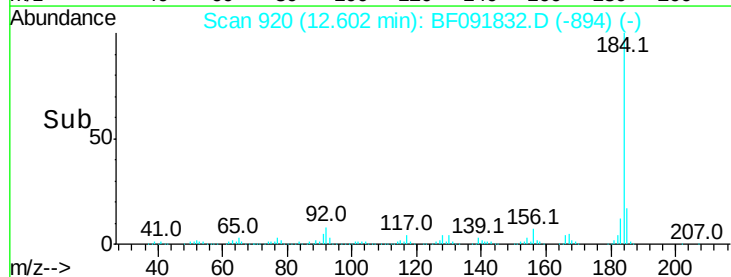
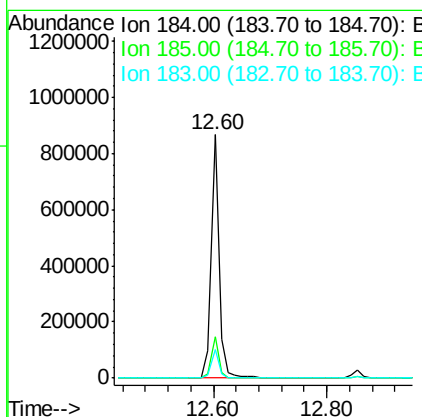
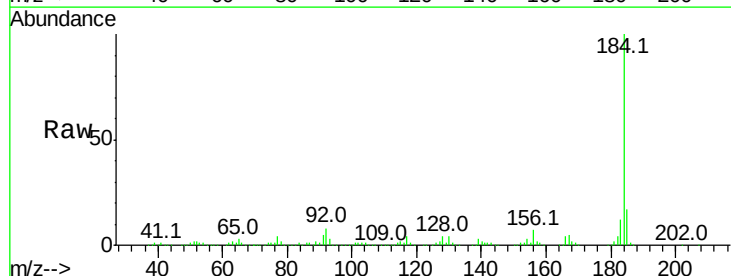
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

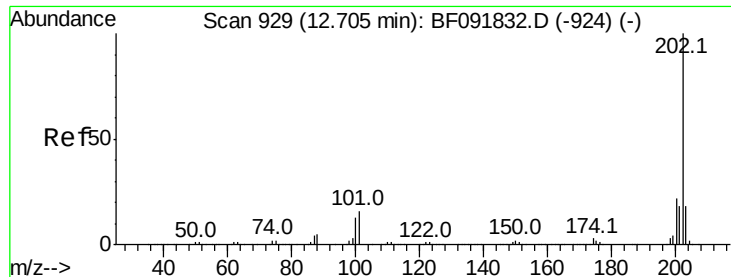
Tot Ion:240 Resp: 728345
Ion Ratio Lower Upper
240 100
120 12.4 12.9 19.3#
236 25.8 20.9 31.3



#76
Benzidine
Concen: 38.25 ng
RT: 12.60 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion:184 Resp: 801944
Ion Ratio Lower Upper
184 100
185 16.9 13.4 20.0
183 11.5 9.2 13.8





#77

Pvrene

Concen: 37.81 ng

RT: 12.71 min Scan# 929

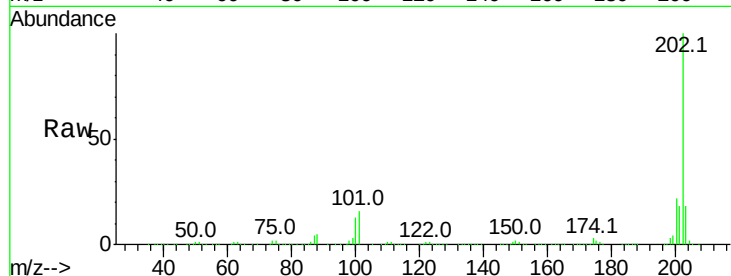
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tot Ion:202 Resp: 1988912

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.5	14.7	22.1

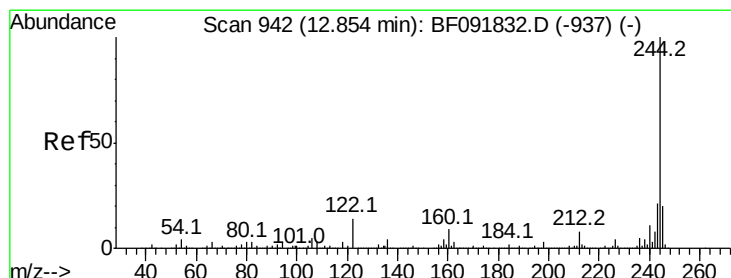
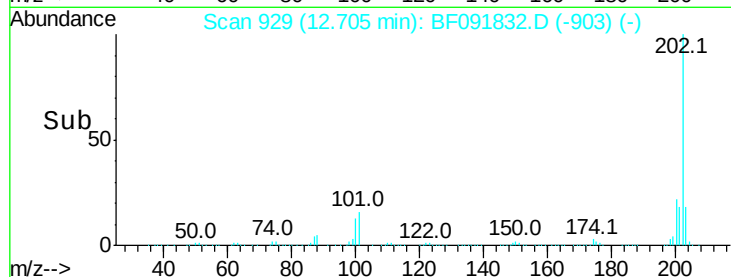
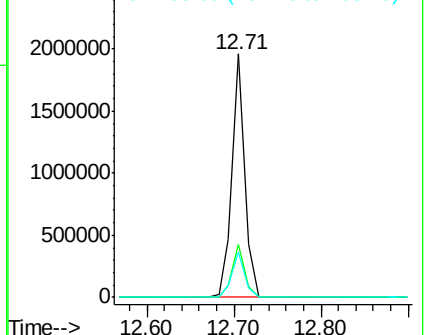


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.87 ng

RT: 12.85 min Scan# 942

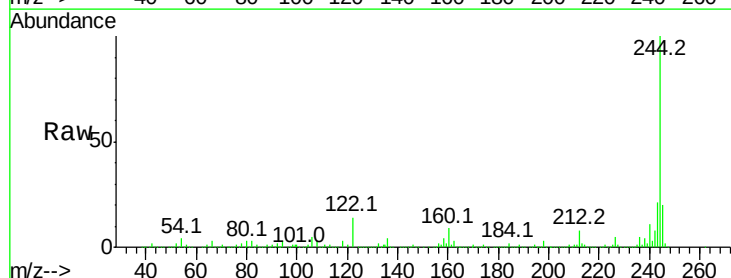
Delta R.T. 0.00 min

Lab File: BF091832.D

Acq: 21 Dec 2016 13:37

Tgt Ion:244 Resp: 2188567

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.2	11.4	17.2

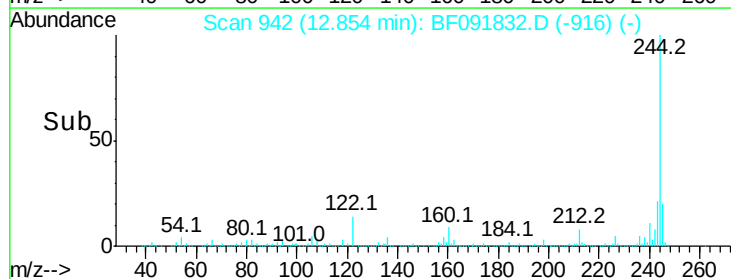
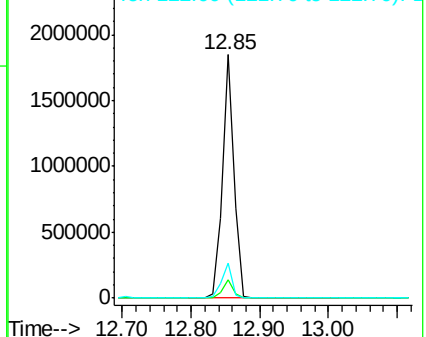


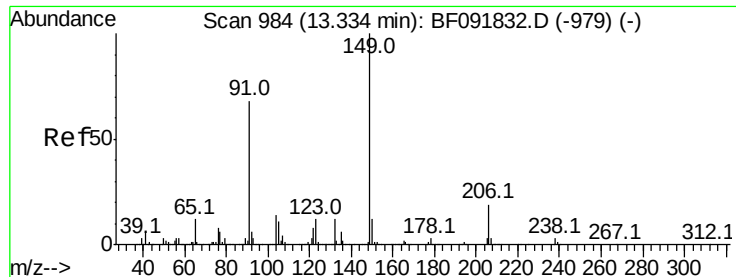
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

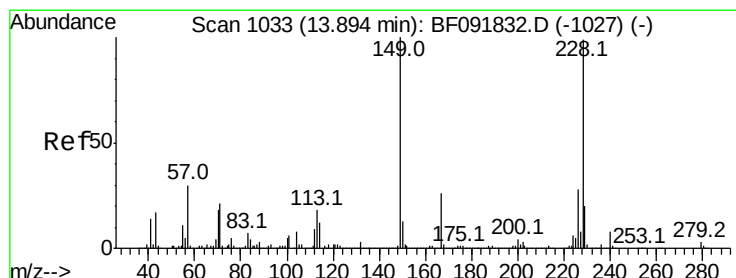
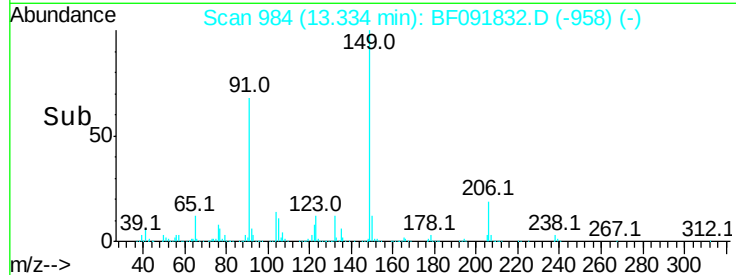
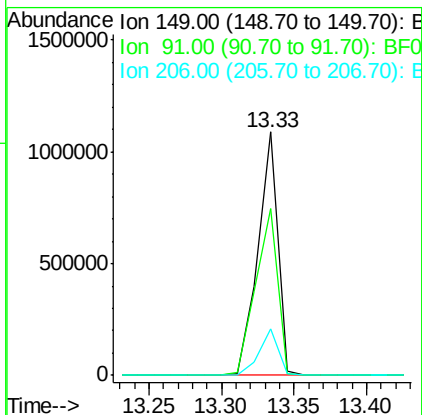
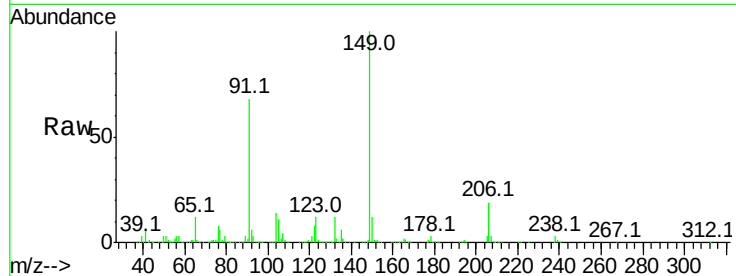




#79
Butylbenzylphthalate
Concen: 42.35 ng
RT: 13.33 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tot Ion:149 Resp: 1042702

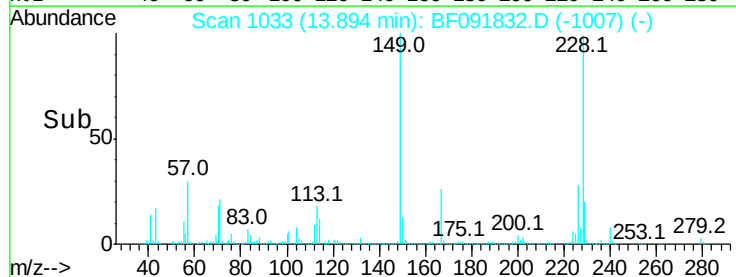
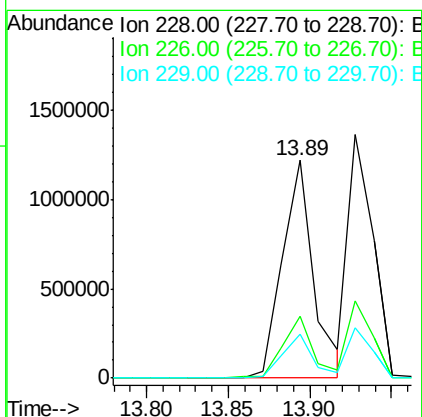
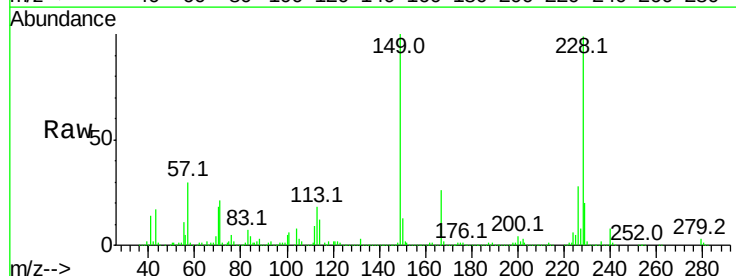
Ion	Ratio	Lower	Upper
149	100		
91	68.5	63.9	95.9
206	19.3	14.6	21.8

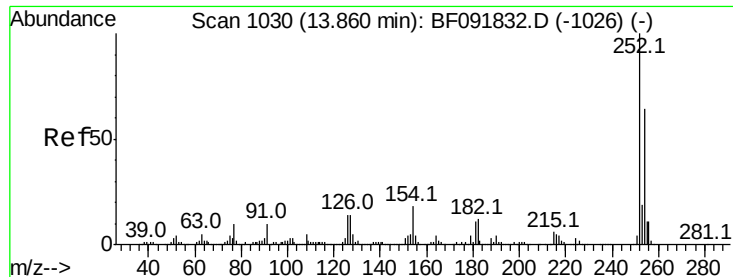


#80
Benzo(a)anthracene
Concen: 39.06 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

Tgt Ion:228 Resp: 1627395

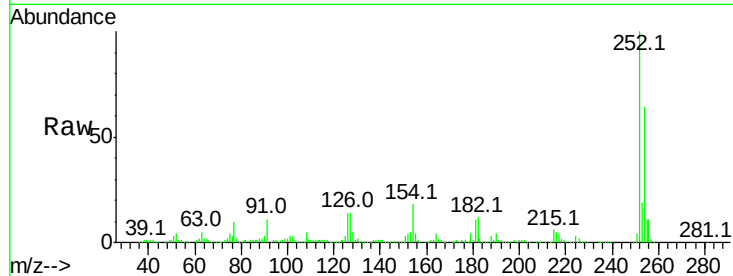
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.1	16.2	24.4



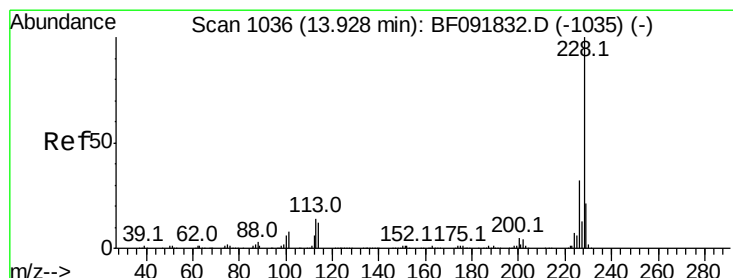
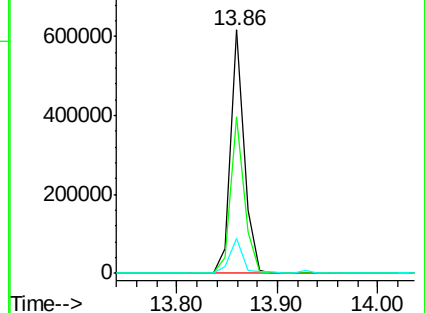
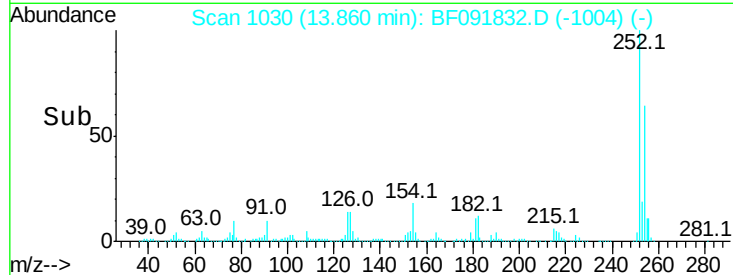


#81
 3,3'-Dichlorobenzidine
 Concen: 35.15 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.3	78.5
126	14.4	13.6	20.4

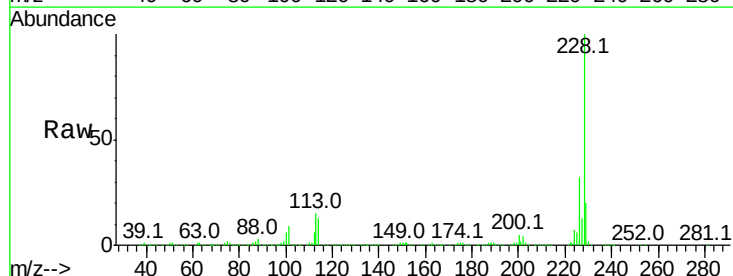


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

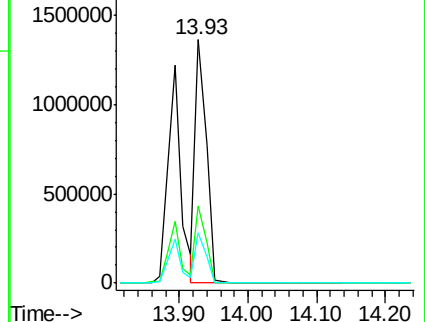
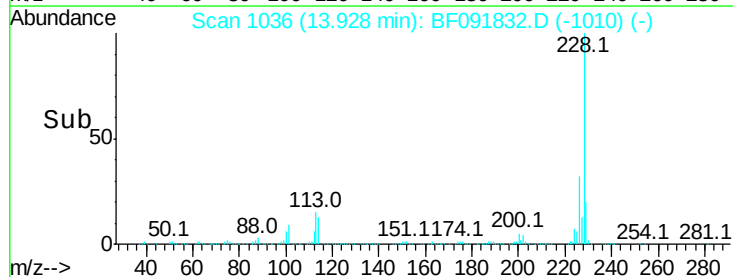


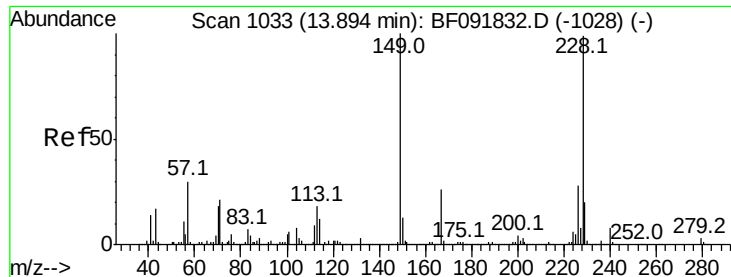
#82
 Chrysene
 Concen: 34.59 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.5	16.2	24.2



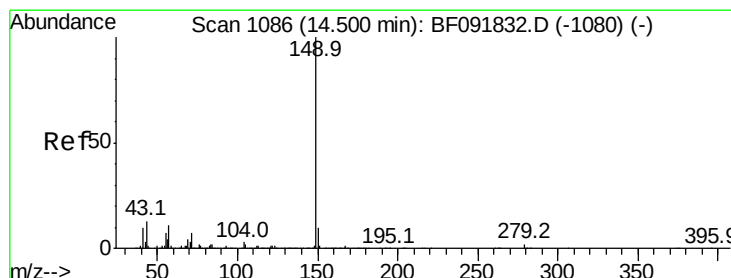
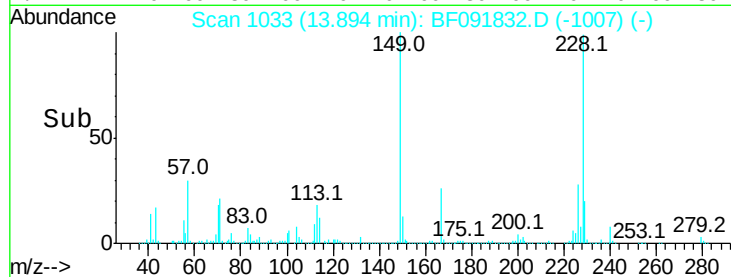
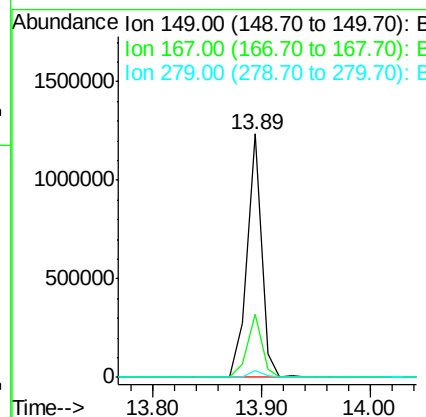
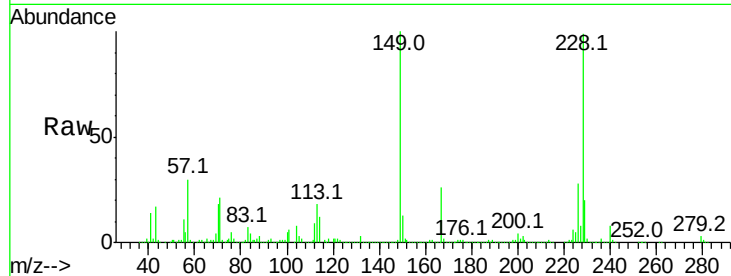
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





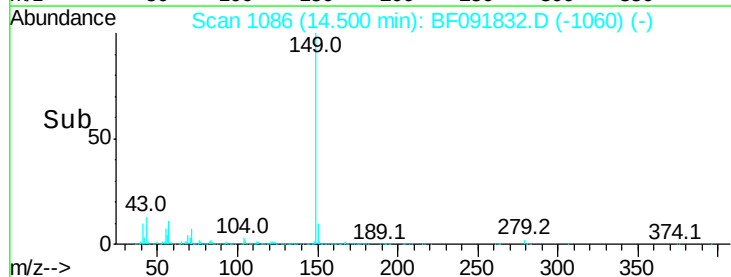
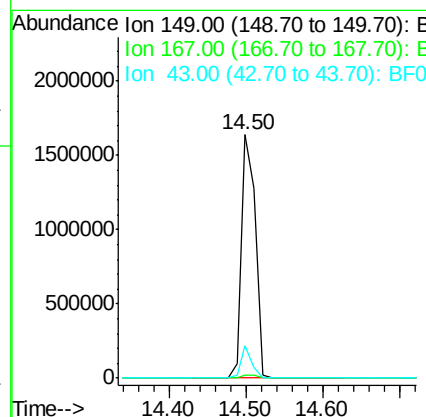
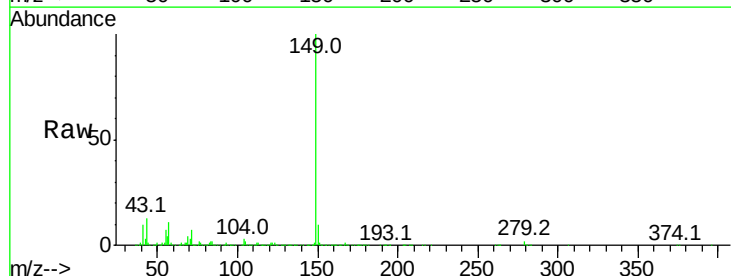
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.38 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

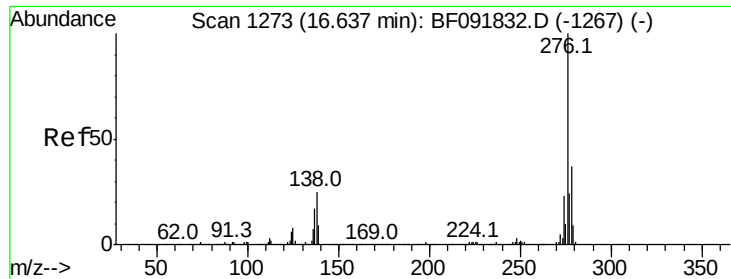
Tot Ion:149 Resp: 1136029
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 36.46 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tgt Ion:149 Resp: 2097936
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.4 8.9 13.3

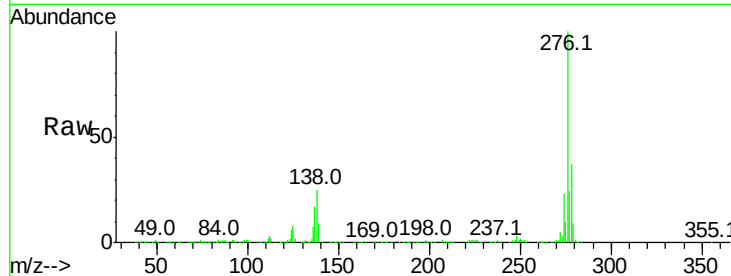




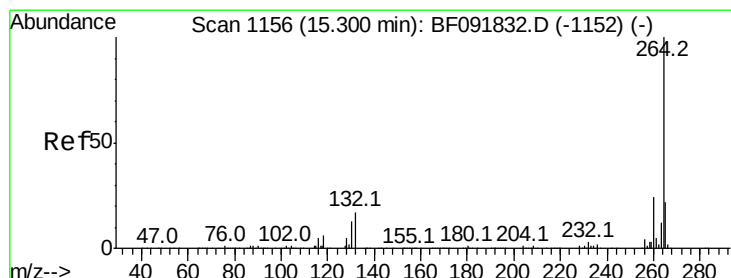
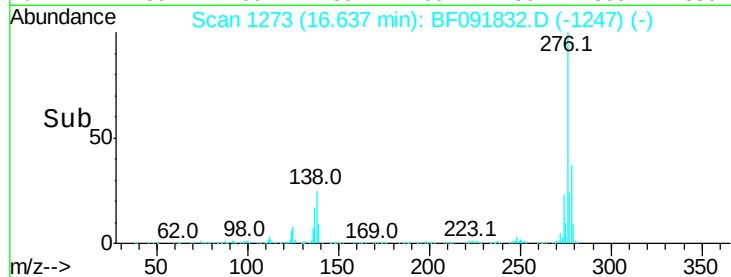
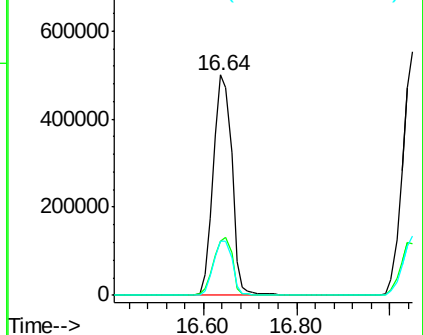
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.76 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tot Ion:276 Resp: 1391038

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.3	20.2	30.4



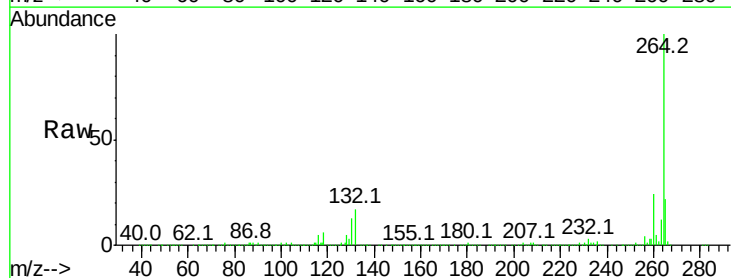
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



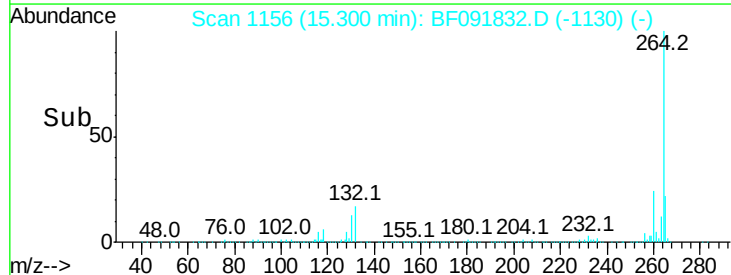
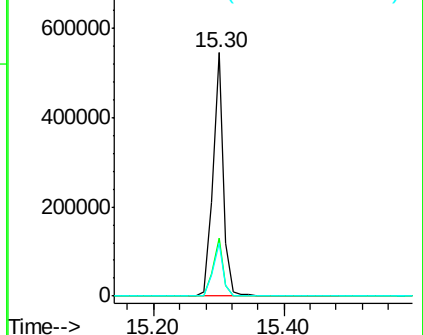
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

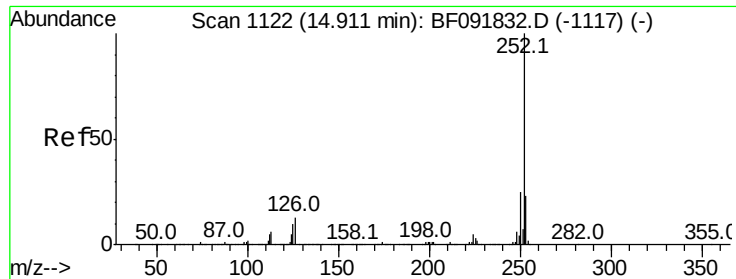
Tgt Ion:264 Resp: 621371

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.4	26.0



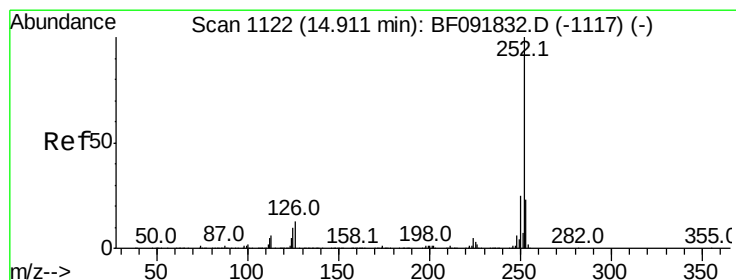
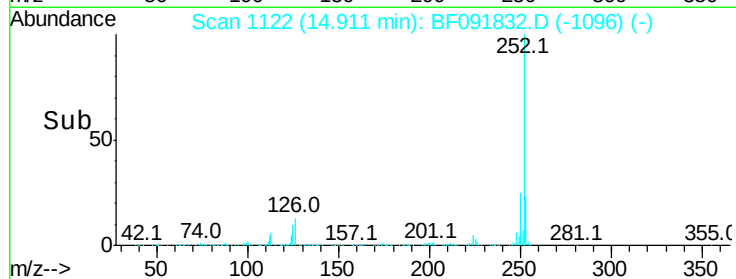
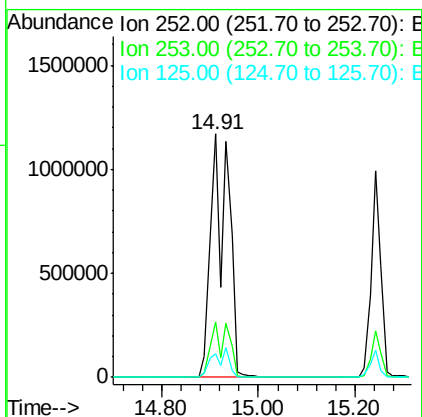
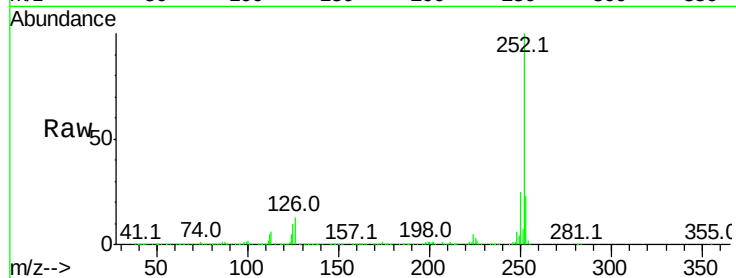
Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





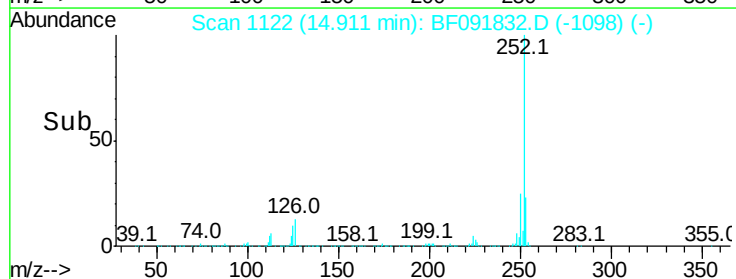
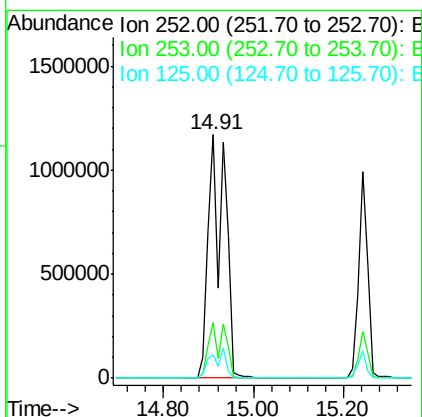
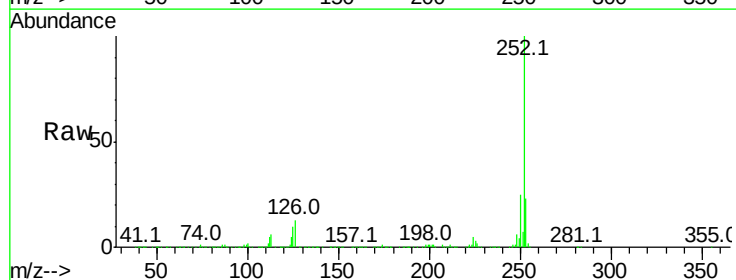
#87
Benzo(b)fluoranthene
Concen: 75.05 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

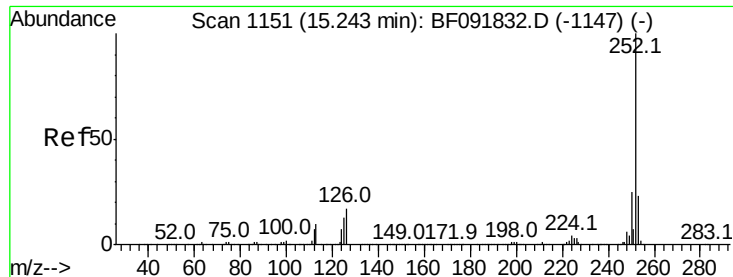
Tot Ion:252 Resp: 2957127
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.5 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 107.00 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

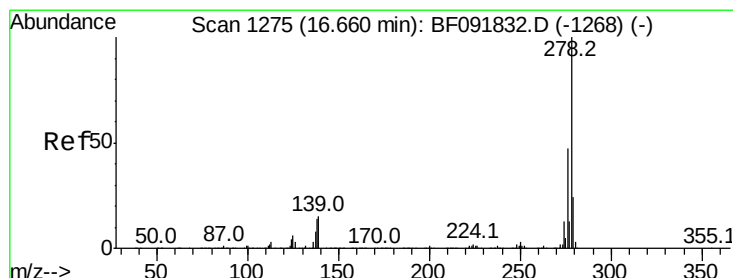
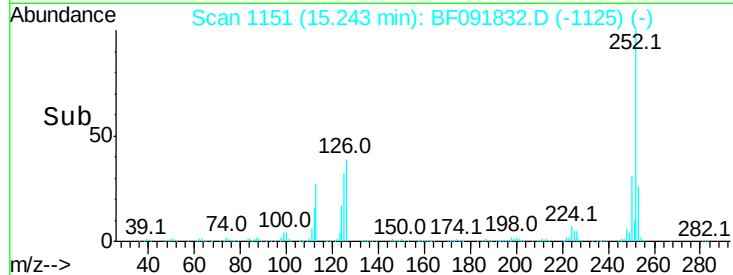
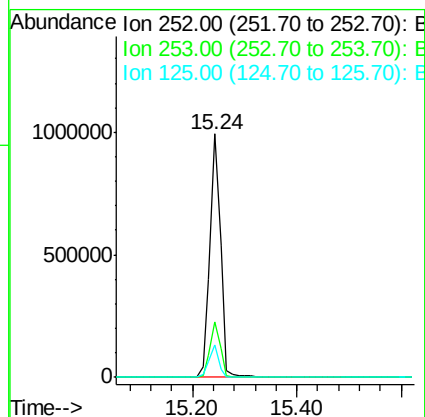
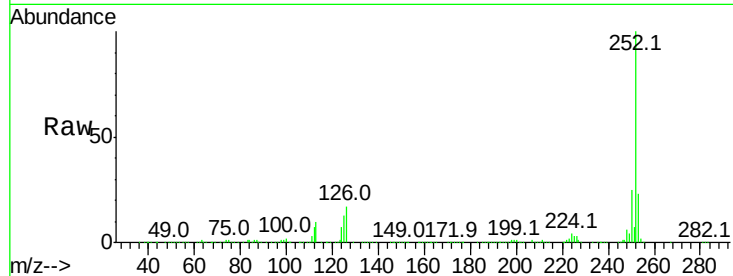
Tgt Ion:252 Resp: 2958230
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 9.5 8.9 13.3





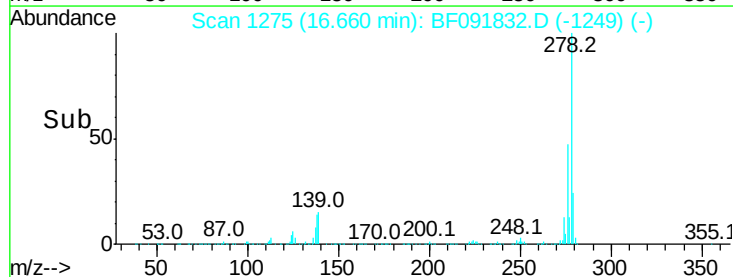
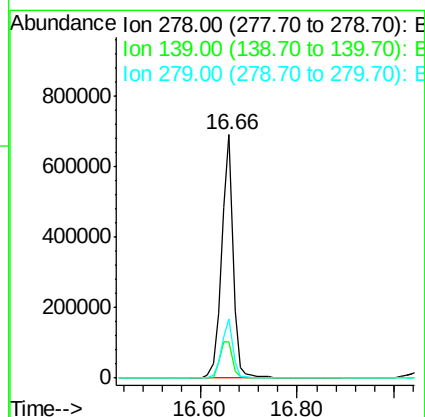
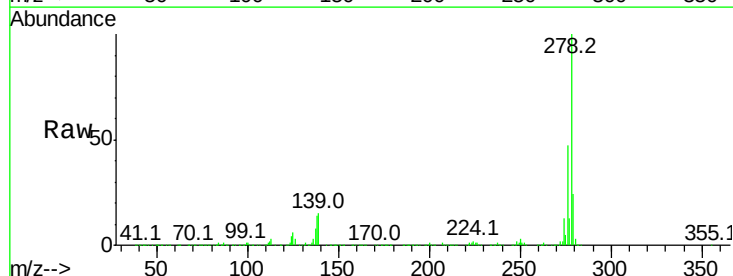
#89
Benzo(a)pyrene
Concen: 41.38 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

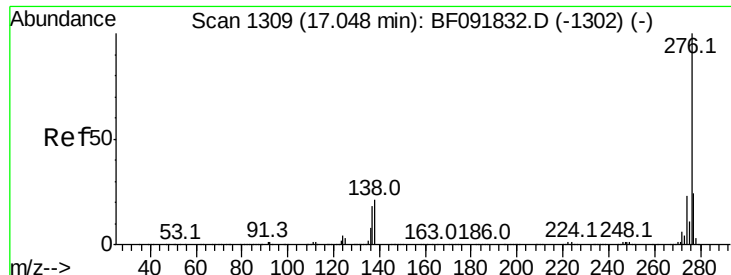
Tot Ion:252 Resp: 1399232
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 13.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 39.11 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF091832.D
Acq: 21 Dec 2016 13:37

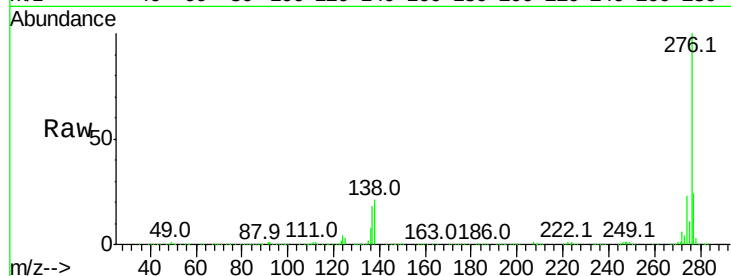
Tgt Ion:278 Resp: 1152784
Ion Ratio Lower Upper
278 100
139 14.7 14.8 22.2#
279 24.3 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.95 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF091832.D
 Acq: 21 Dec 2016 13:37

Tot	Ion:276	Resp:	1196873
Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	21.3	16.0	24.0



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

