

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091858.D
 Acq On : 22 Dec 2016 2:34
 Operator : UM/SJ
 Sample : H6156-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 22 03:29:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	297763	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1208419	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	667210	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1028974	20.00	ng	0.00
75) Chrysene-d12	13.91	240	752055	20.00	ng	0.00
86) Perylene-d12	15.30	264	622336	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1473812	82.65	ng	0.01
7) Phenol-d6	6.40	99	1193527	54.82	ng	-0.01
23) Nitrobenzene-d5	7.32	82	2098030	96.54	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	698642	126.53	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3083755	96.43	ng	0.00
78) Terphenyl-d14	12.85	244	2472085	79.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	217626	24.79	ng	97
3) Pyridine	3.05	79	483389	15.78	ng	97
4) n-Nitrosodimethylamine	2.99	42	256577	22.20	ng	97
6) Aniline	6.41	93	927112	32.78	ng	# 69
8) 2-Chlorophenol	6.53	128	872428	43.01	ng	97
9) Benzaldehyde	6.29	77	156742	9.79	ng	95
10) Phenol	6.41	94	537716	21.67	ng	# 77
11) bis(2-Chloroethyl)ether	6.49	93	1007344	51.03	ng	98
12) 1,3-Dichlorobenzene	6.68	146	980194	45.26	ng	# 90
13) 1,4-Dichlorobenzene	6.76	146	961747	43.63	ng	99
14) 1,2-Dichlorobenzene	6.92	146	952177	49.79	ng	99
15) Benzyl Alcohol	6.90	79	578529	34.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1449627	49.31	ng	95
17) 2-Methylphenol	7.02	107	667201	40.90	ng	97
18) Hexachloroethane	7.26	117	384807	47.09	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	734915	50.74	ng	98
20) 3+4-Methylphenols	7.17	107	695688	35.75	ng	94
22) Acetophenone	7.16	105	1492491	50.07	ng	# 94
24) Nitrobenzene	7.33	77	1123005	48.52	ng	99
25) Isophorone	7.58	82	2193858	54.72	ng	99
26) 2-Nitrophenol	7.65	139	566636	49.64	ng	98
27) 2,4-Dimethylphenol	7.70	122	902045	47.65	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	1279967	52.64	ng	99
29) 2,4-Dichlorophenol	7.90	162	845808	52.76	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	881971	50.21	ng	98
31) Naphthalene	8.05	128	2836925	51.29	ng	100
32) Benzoic acid	7.81	122	225608	16.07	ng	92
33) 4-Chloroaniline	8.11	127	909144	36.46	ng	99
34) Hexachlorobutadiene	8.18	225	448767	48.40	ng	99
35) Caprolactam	8.50	113	49642	9.42	ng	# 73
36) 4-Chloro-3-methylphenol	8.60	107	891717	48.34	ng	94
37) 2-Methylnaphthalene	8.75	142	1896715	72.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	832560	49.39	ng	99
40) Hexachlorocyclopentadiene	8.91	237	718289	94.90	ng	100

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

42) 2,4,6-Trichlorophenol	9.04	196	597866	50.71	ng	99
43) 2,4,5-Trichlorophenol	9.08	196	550882	45.41	ng	97
45) 1,1'-Biphenyl	9.22	154	2501953	54.77	ng	99
46) 2-Chloronaphthalene	9.24	162	1863606	51.51	ng	99
47) 2-Nitroaniline	9.33	65	661830	51.38	ng	99
48) Acenaphthylene	9.65	152	2752687	49.47	ng	99
49) Dimethylphthalate	9.53	163	2301607	53.94	ng	98
50) 2,6-Dinitrotoluene	9.58	165	502636	53.81	ng	# 82
51) Acenaphthene	9.82	154	1991819	52.80	ng	99
52) 3-Nitroaniline	9.74	138	372494	32.23	ng	98
53) 2,4-Dinitrophenol	9.86	184	479450	92.25	ng	# 67
54) Dibenzofuran	10.00	168	2330601	45.75	ng	99
55) 4-Nitrophenol	9.93	139	365124	46.52	ng	90
56) 2,4-Dinitrotoluene	9.98	165	546245	46.60	ng	87
57) Fluorene	10.34	166	1849348	49.90	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	509567	53.10	ng	98
59) Diethylphthalate	10.22	149	2114173	51.01	ng	95
60) 4-Chlorophenyl-phenylether	10.33	204	730527	45.02	ng	97
61) 4-Nitroaniline	10.36	138	556003	46.42	ng	95
62) Azobenzene	10.49	77	2314462	50.72	ng	99
64) 4,6-Dinitro-2-methylphenol	10.40	198	327331	52.61	ng	# 63
65) n-Nitrosodiphenylamine	10.45	169	1626560	53.27	ng	100
66) 4-Bromophenyl-phenylether	10.82	248	541959	50.63	ng	96
67) Hexachlorobenzene	10.89	284	601845	52.60	ng	96
68) Atrazine	10.99	200	512983	52.08	ng	93
69) Pentachlorophenol	11.08	266	568185	101.21	ng	97
70) Phenanthrene	11.30	178	2863055	51.31	ng	100
71) Anthracene	11.34	178	2448444	52.46	ng	99
72) Carbazole	11.50	167	2440383	Below	Cal	100
73) Di-n-butylphthalate	11.84	149	2675112	51.16	ng	100
74) Fluoranthene	12.48	202	2483270	51.26	ng	99
76) Benzidine	12.60	184	235037	8.83	ng	97
77) Pyrene	12.70	202	2540423	46.04	ng	99
79) Butylbenzylphthalate	13.33	149	1358188	54.12	ng	86
80) Benzo(a)anthracene	13.89	228	1878026	44.24	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	570136	35.42	ng	# 97
82) Chrysene	13.93	228	1894576	44.49	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1434229	48.53	ng	# 96
84) Di-n-octyl phthalate	14.50	149	2736539	49.98	ng	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1939931	52.59	ng	97
87) Benzo(b)fluoranthene	14.93	252	3701507	95.53	ng	98
88) Benzo(k)fluoranthene	14.93	252	3703144	112.08	ng	98
89) Benzo(a)pyrene	15.24	252	1739851	50.59	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	1583625	56.03	ng	96
91) Benzo(g,h,i)perylene	17.04	276	1700321	57.85	ng	# 92

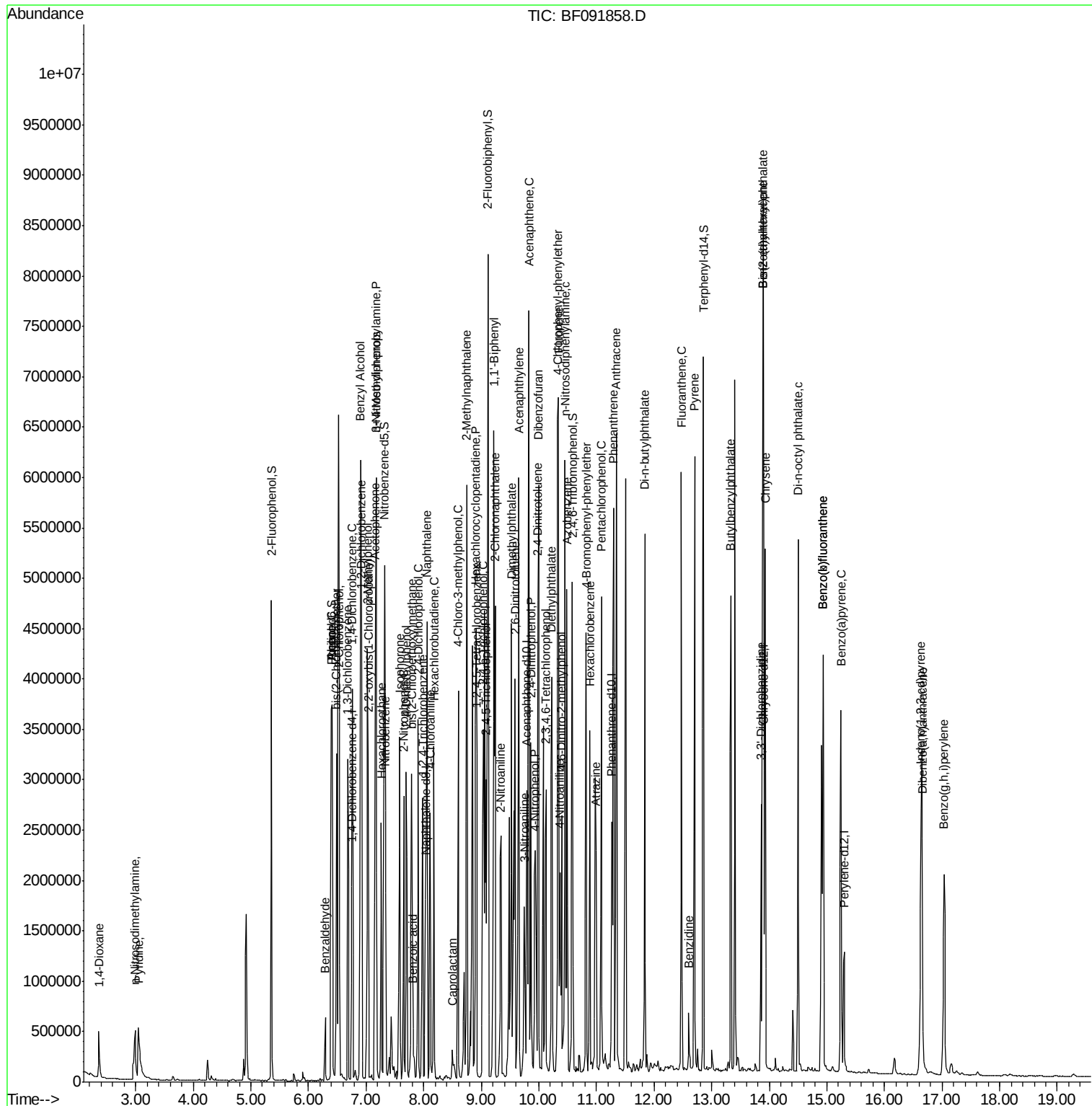
(#) = qualifier out of range (m) = manual integration (+) = signals summed

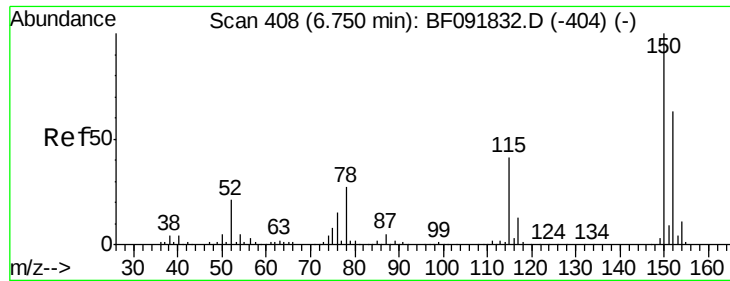
```

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

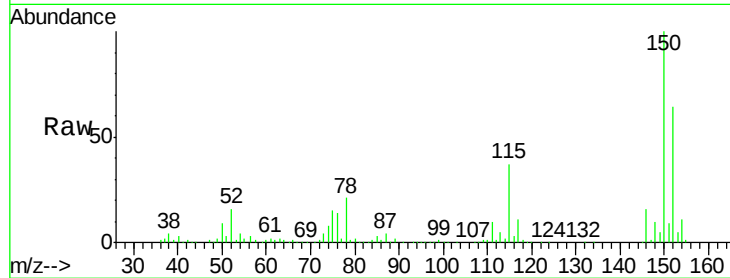
Tgt Ion: 152 Resp: 297763

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

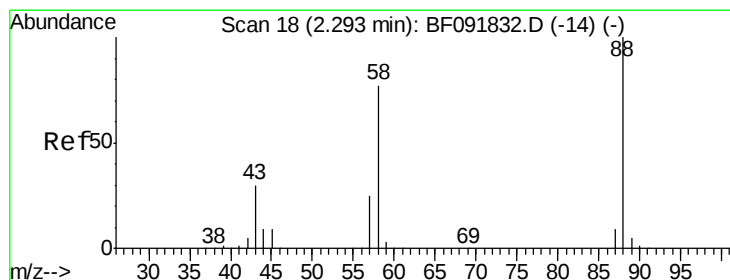
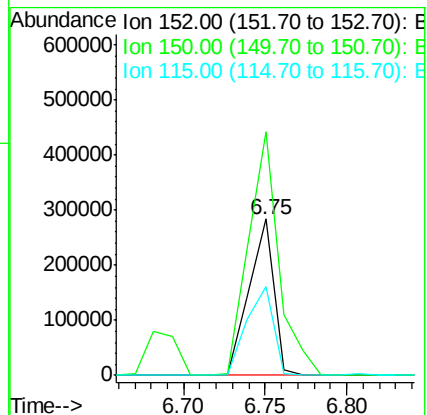
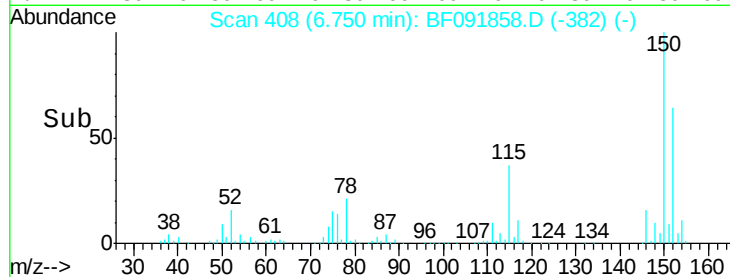
115 56.9 46.0 69.0



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: 24.79 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.07 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

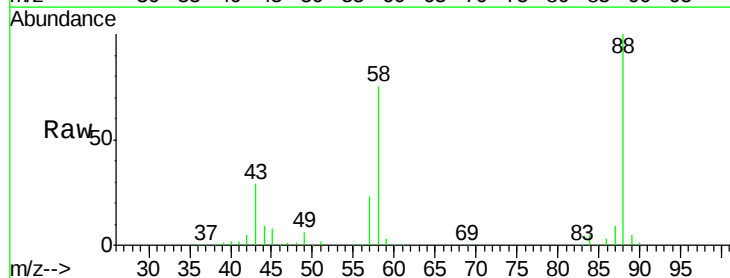
Tgt Ion: 88 Resp: 217626

Ion Ratio Lower Upper

88 100

58 74.7 57.8 86.8

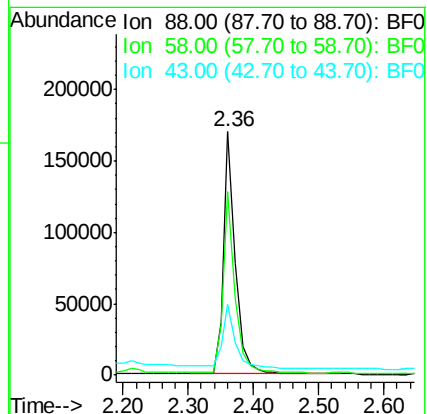
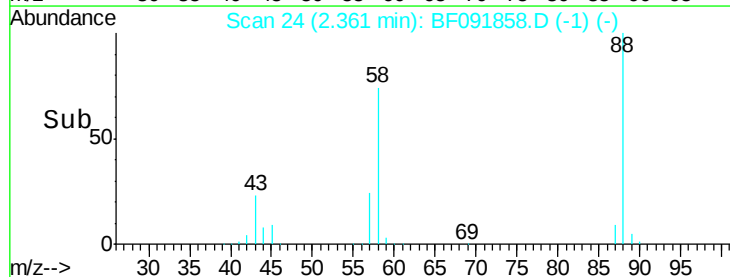
43 30.5 22.3 33.5

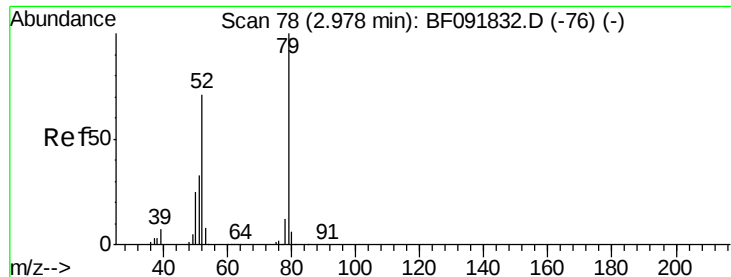


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.78 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.07 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

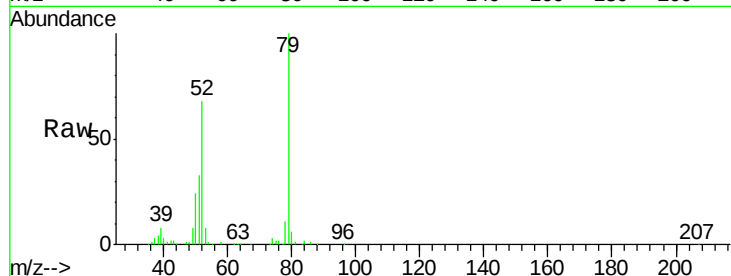
Tgt Ion: 79 Resp: 483389

Ion Ratio Lower Upper

79 100

52 67.9 57.1 85.7

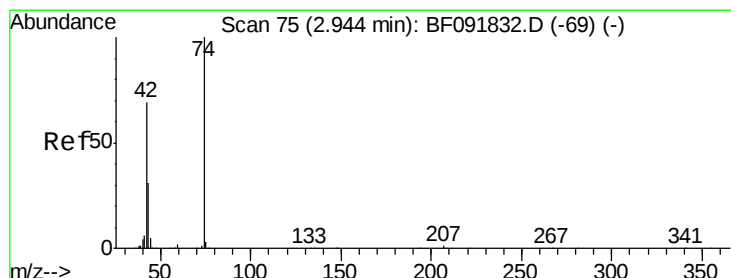
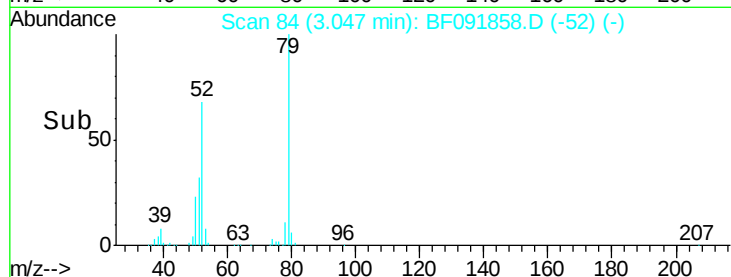
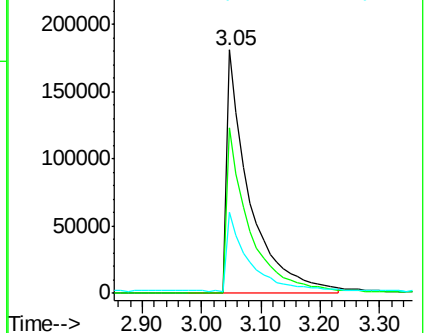
51 33.2 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 22.20 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.05 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

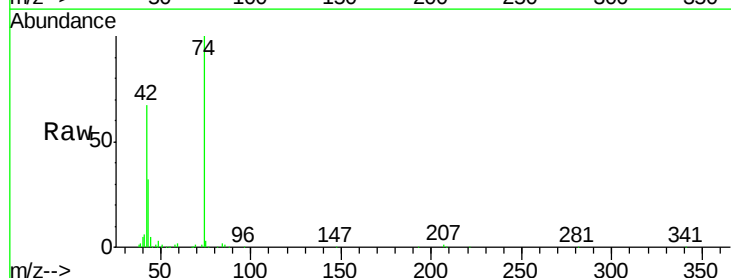
Tgt Ion: 42 Resp: 256577

Ion Ratio Lower Upper

42 100

74 149.5 117.0 175.4

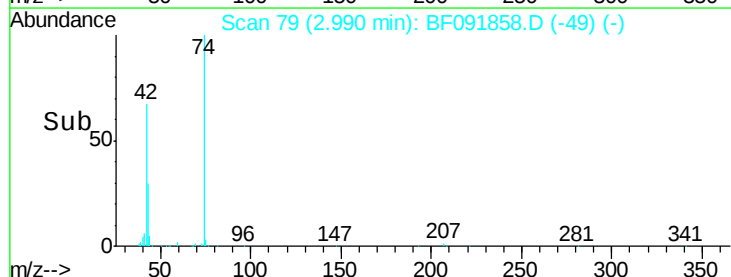
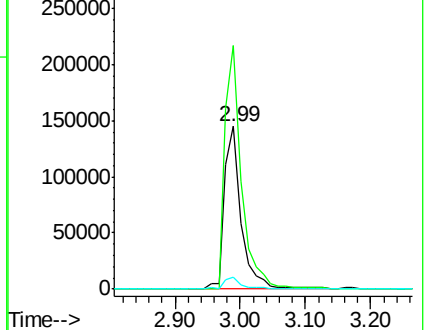
44 7.2 5.5 8.3

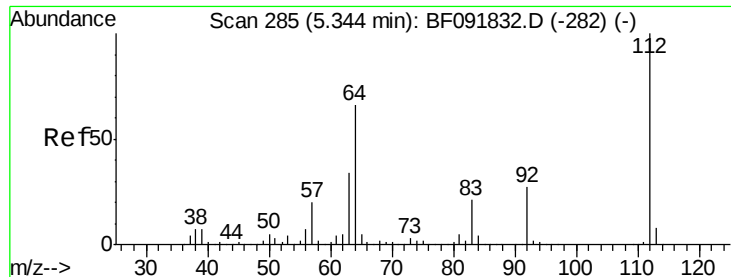


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.65 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

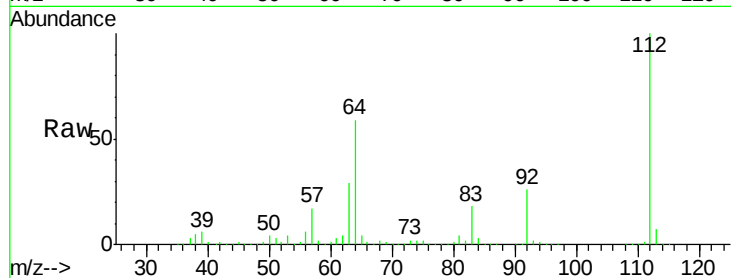
Tgt Ion: 112 Resp: 1473812

Ion Ratio Lower Upper

112 100

64 58.6 46.1 69.1

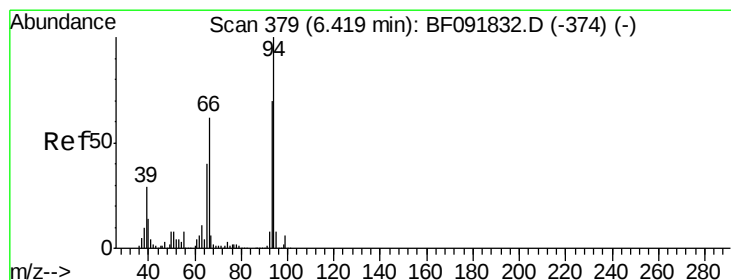
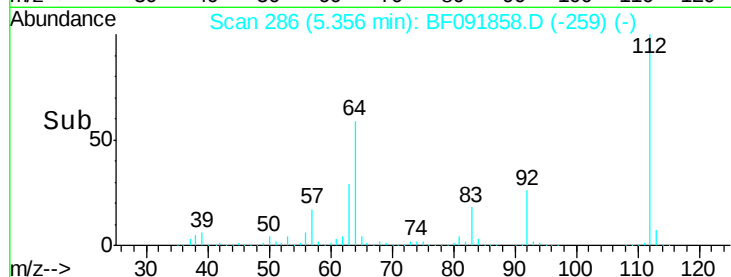
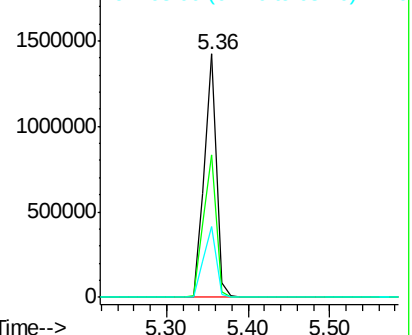
63 29.0 23.8 35.6



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: 32.78 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

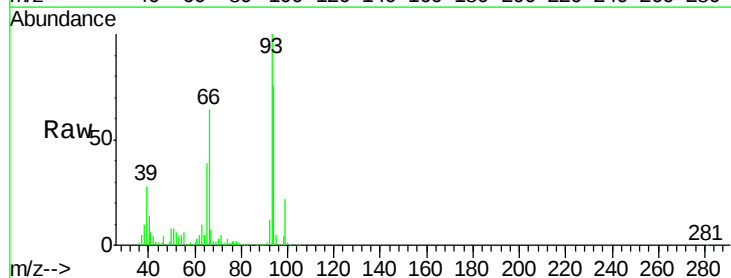
Tgt Ion: 93 Resp: 927112

Ion Ratio Lower Upper

93 100

66 64.1 76.2 114.2#

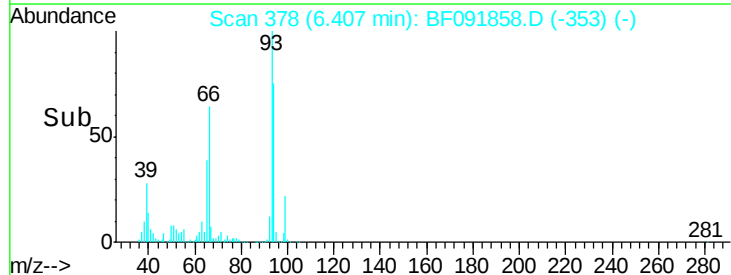
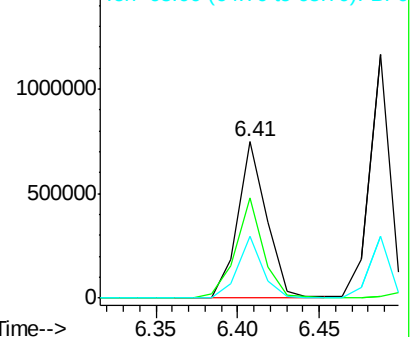
65 39.3 49.3 73.9#

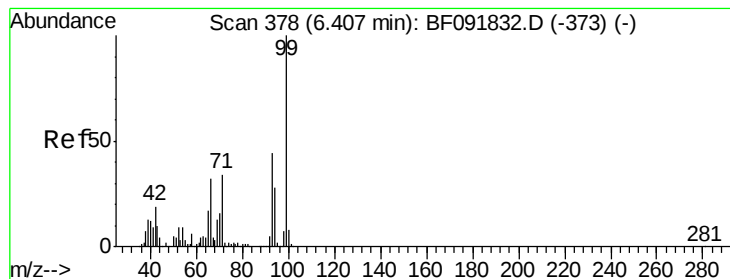


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.82 ng

RT: 6.40 min Scan# 377

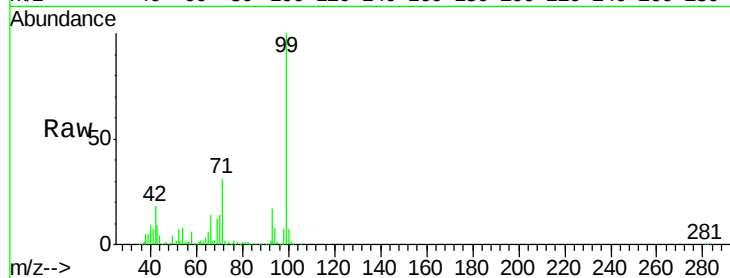
Delta R.T. -0.01 min

Lab File: BF091858.D

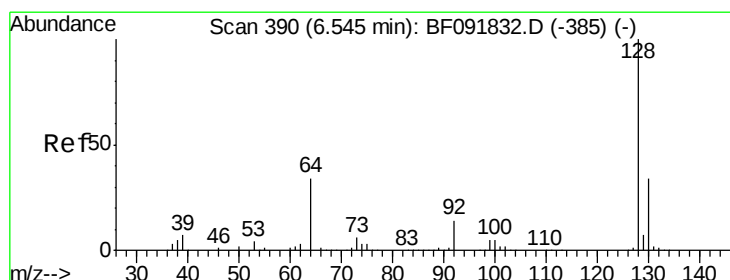
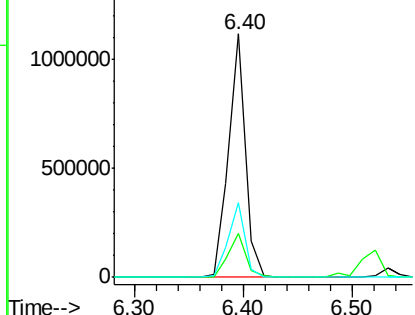
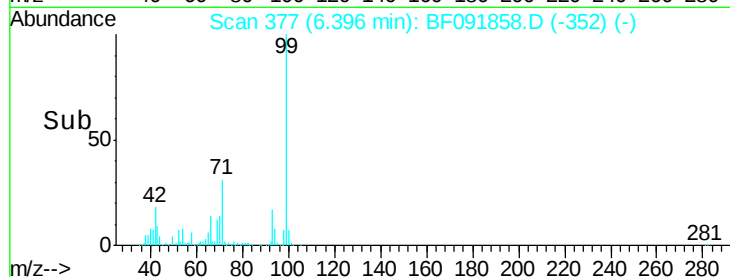
Acq: 22 Dec 2016 2:34

Tgt Ion: 99 Resp: 1193527

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	30.6	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: 43.01 ng

RT: 6.53 min Scan# 389

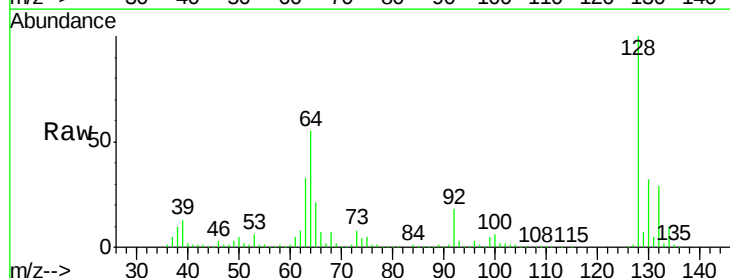
Delta R.T. -0.01 min

Lab File: BF091858.D

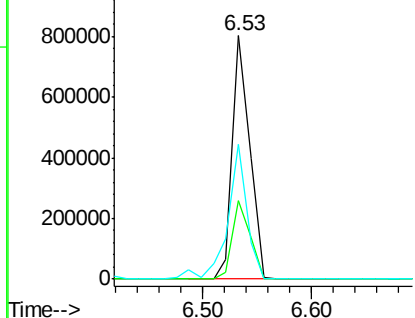
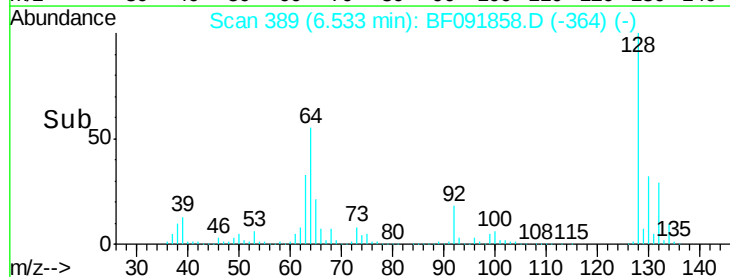
Acq: 22 Dec 2016 2:34

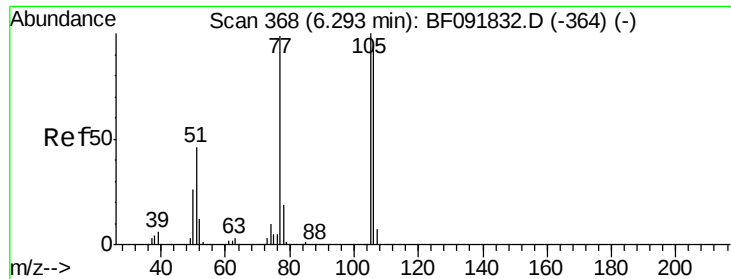
Tgt Ion: 128 Resp: 872428

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	55.2	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: 9.79 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

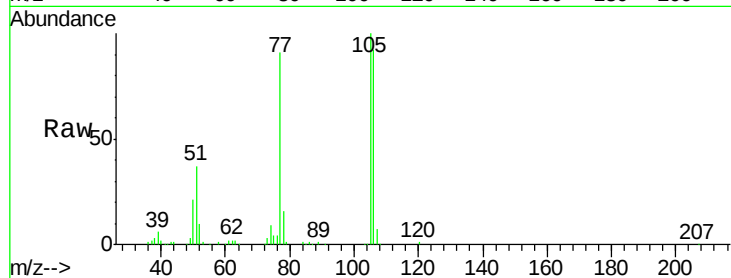
Tgt Ion: 77 Resp: 156742

Ion Ratio Lower Upper

77 100

105 110.2 83.9 123.9

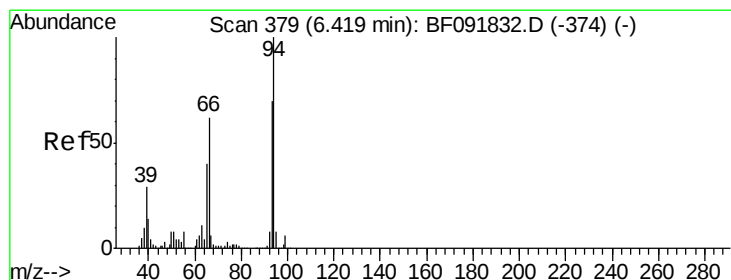
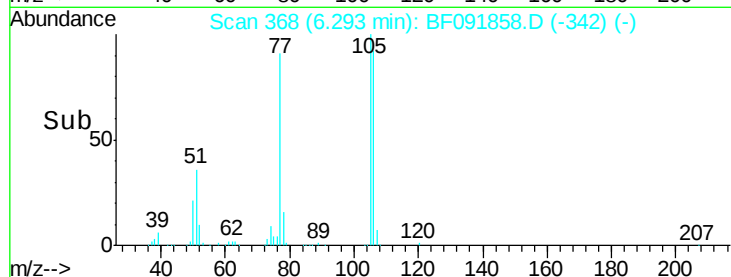
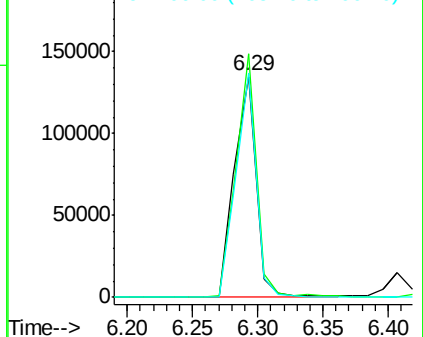
106 101.9 77.6 117.6



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: 21.67 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

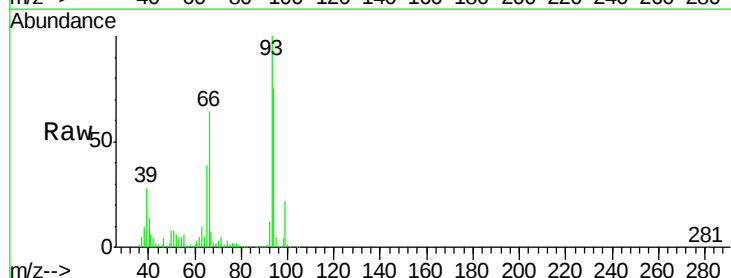
Tgt Ion: 94 Resp: 537716

Ion Ratio Lower Upper

94 100

65 52.1 21.4 61.4

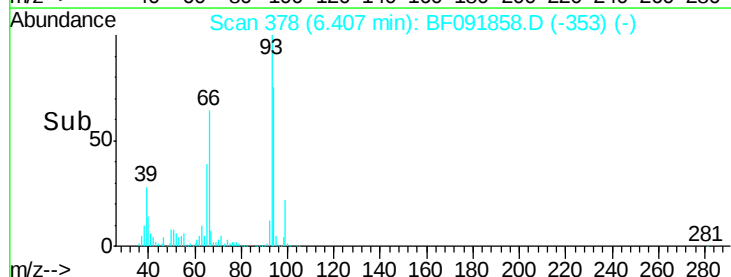
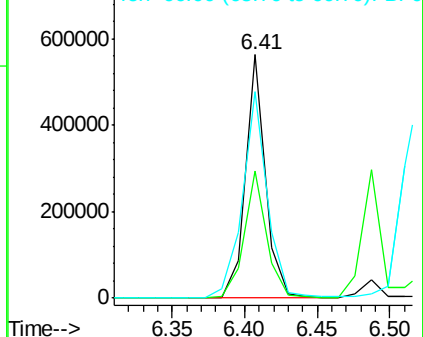
66 85.0 44.0 84.0#

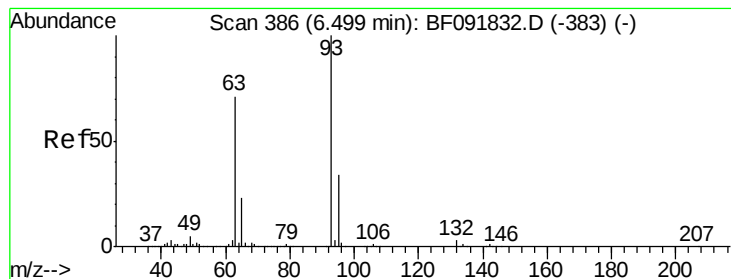


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.03 ng

RT: 6.49 min Scan# 385

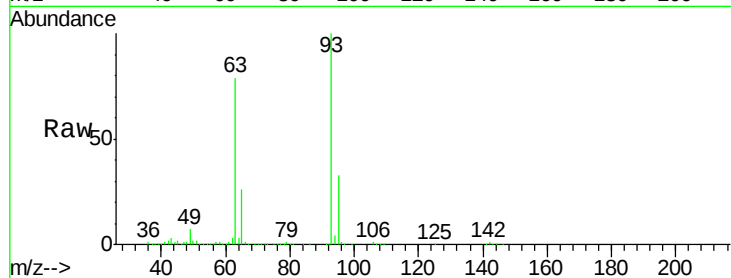
Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion: 93 Resp: 1007344

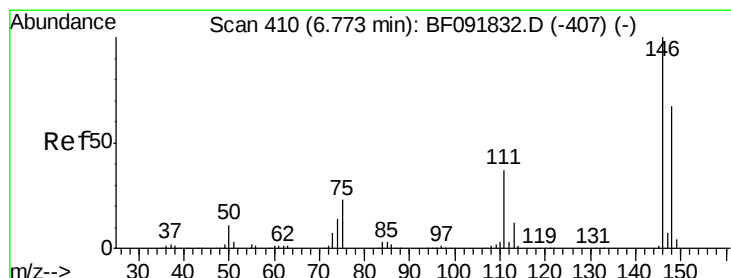
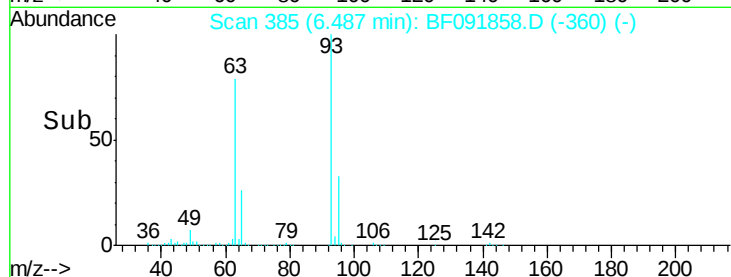
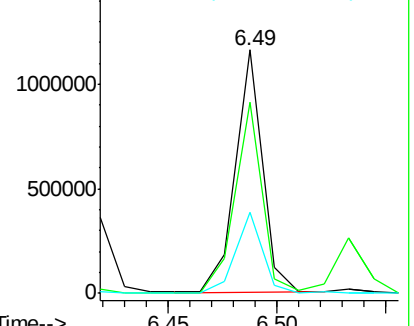
Ion	Ratio	Lower	Upper
93	100		
63	78.8	60.4	100.4
95	33.2	12.8	52.8



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: 45.26 ng

RT: 6.68 min Scan# 402

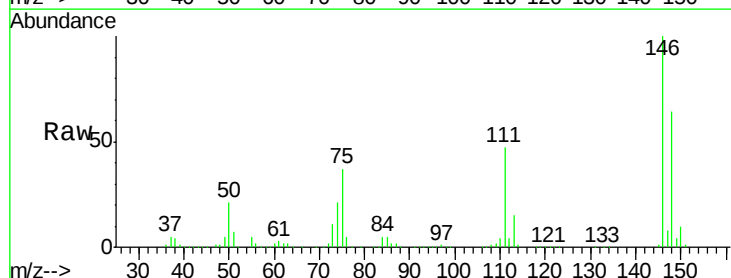
Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion: 146 Resp: 980194

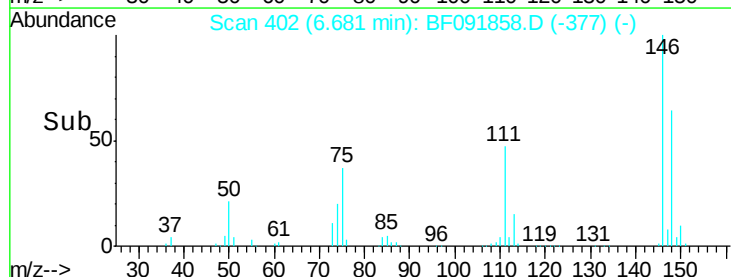
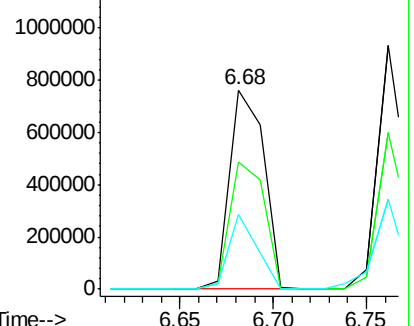
Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.4	80.0
75	37.2	18.5	27.7

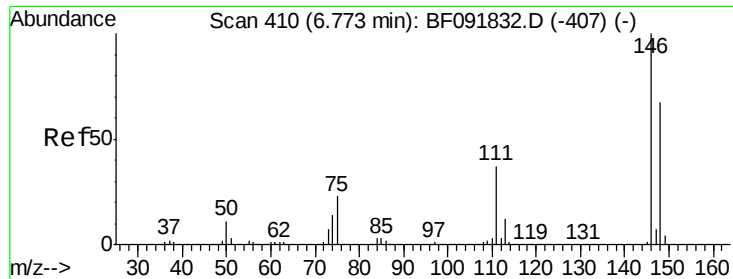


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

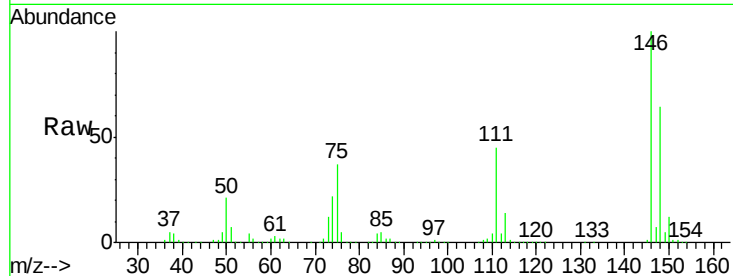
Ion 75.00 (74.70 to 75.70): BF0



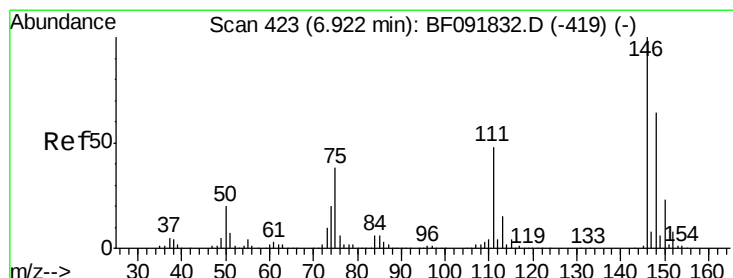
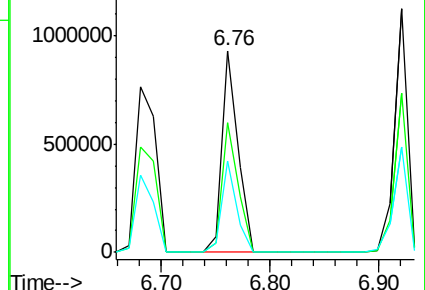
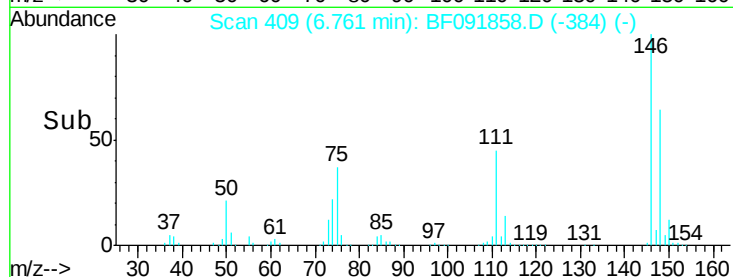


#13
 1,4-Dichlorobenzene
 Concen: 43.63 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	45.1	36.2	54.4

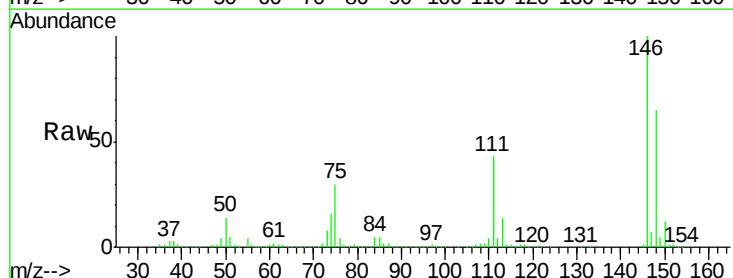


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

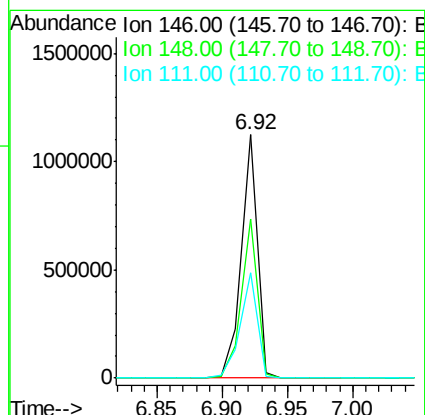
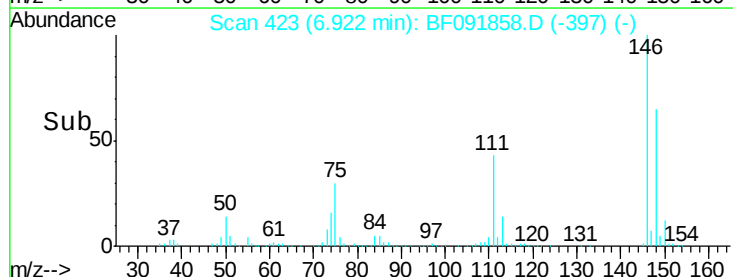


#14
 1,2-Dichlorobenzene
 Concen: 49.79 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	43.1	36.2	54.2



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





#15

Benzyl Alcohol

Concen: 34.20 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

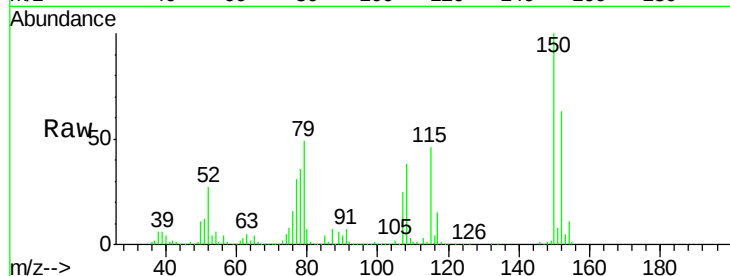
Tgt Ion: 79 Resp: 578529

Ion Ratio Lower Upper

79 100

108 77.3 61.4 92.0

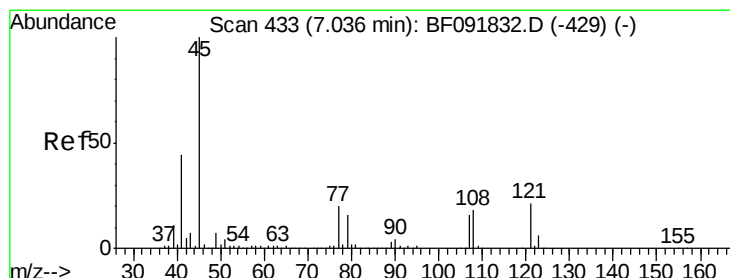
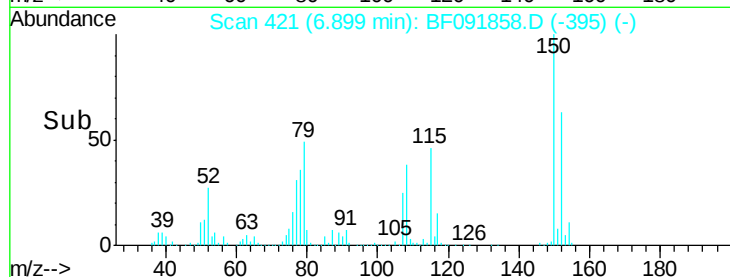
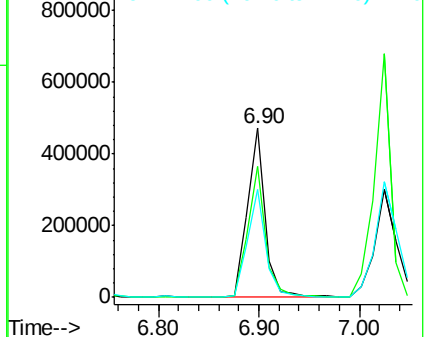
77 64.0 50.9 76.3



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: 49.31 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

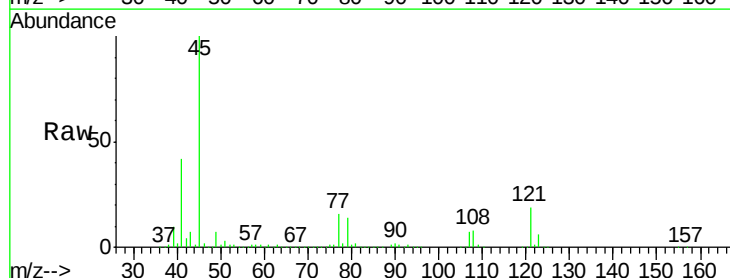
Tgt Ion: 45 Resp: 1449627

Ion Ratio Lower Upper

45 100

77 16.3 0.0 34.6

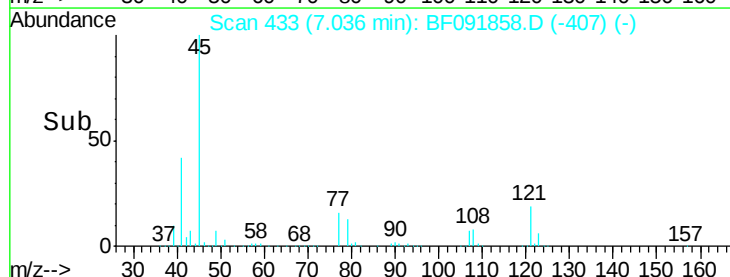
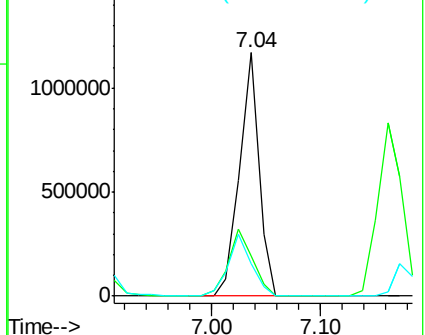
79 13.6 0.0 31.2

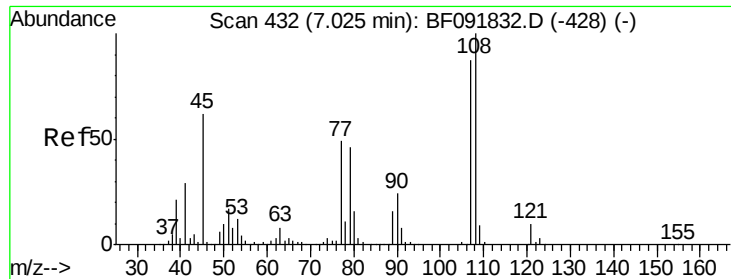


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

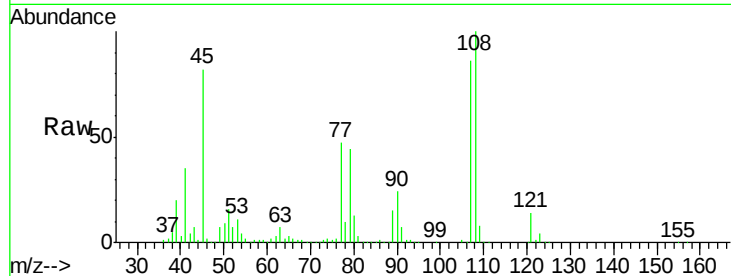
Ion 79.00 (78.70 to 79.70): BF0



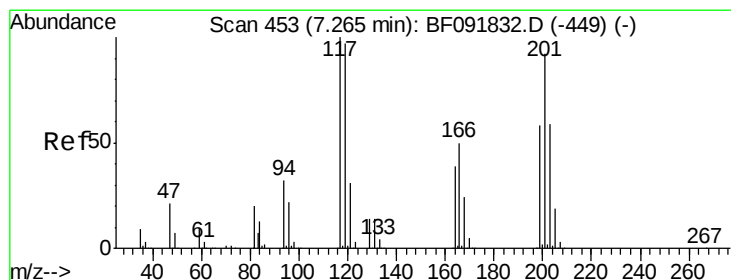
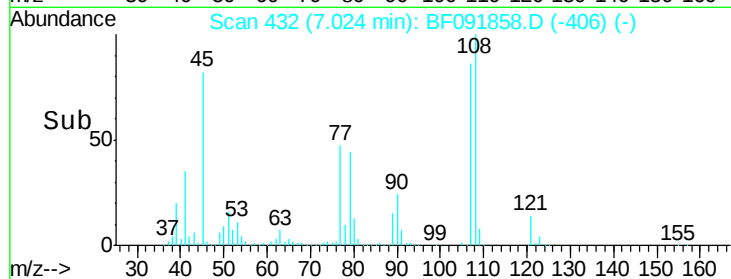
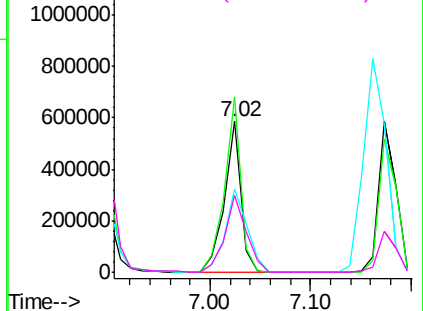


#17
2-Methylphenol
Concen: 40.90 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:	107	Resp:	667201
Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.0	139.6
77	55.0	39.8	59.8
79	51.2	38.0	57.0

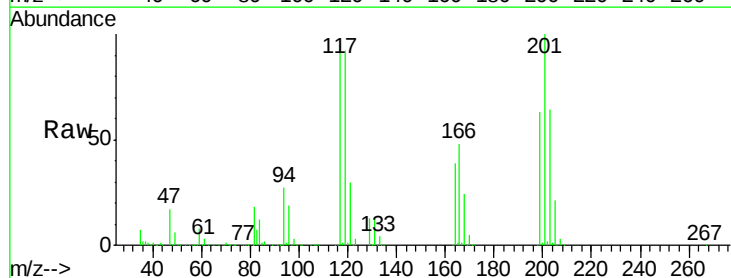


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

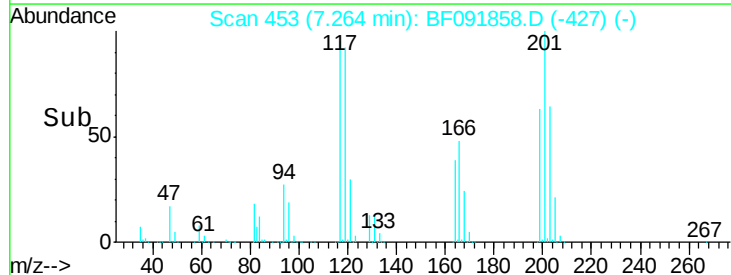
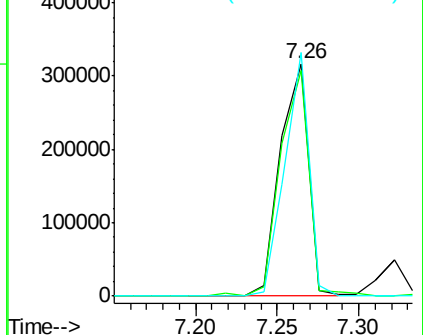


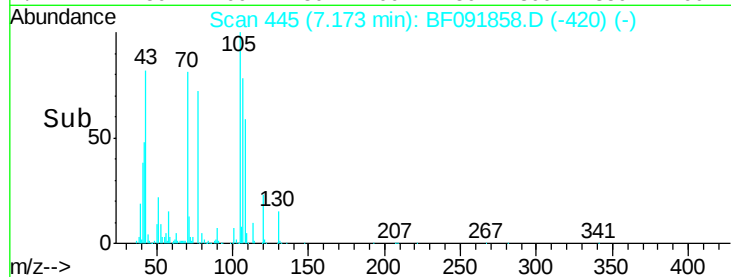
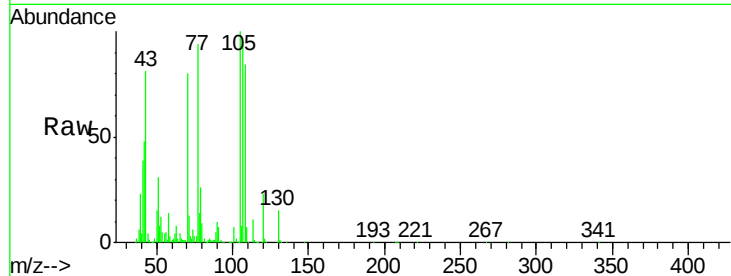
#18
Hexachloroethane
Concen: 47.09 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:	117	Resp:	384807
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.1	117.1
201	104.9	78.6	117.8



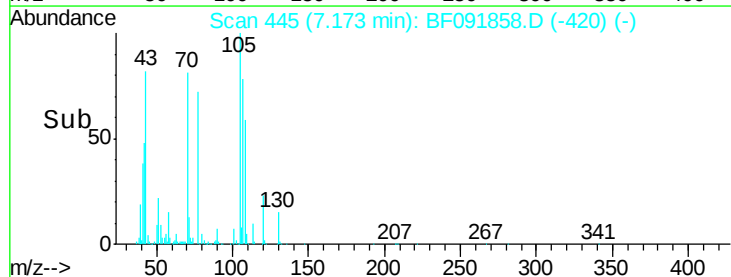
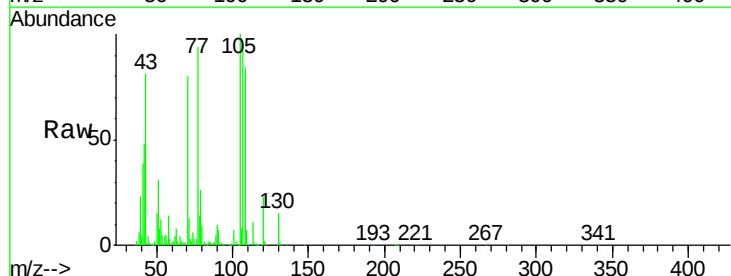
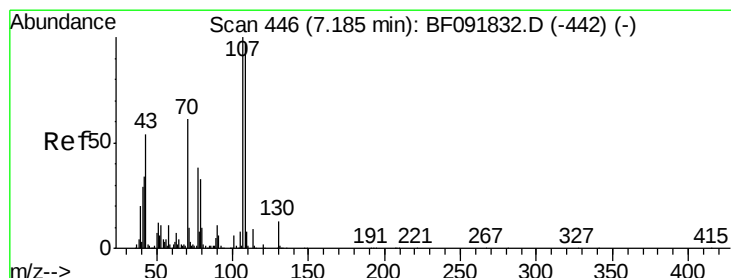
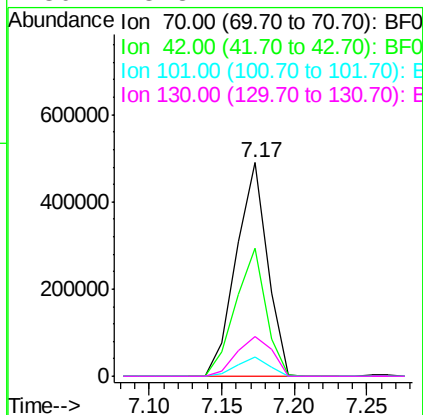
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





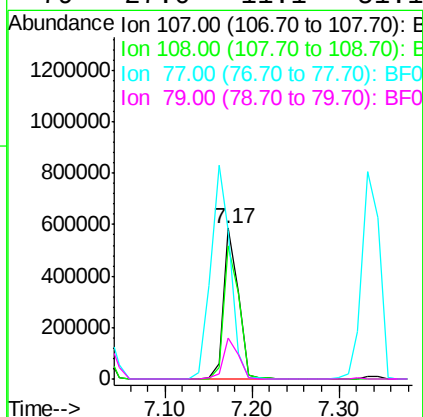
#19
n-Nitroso-di-n-propylamine
Concen: 50.74 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

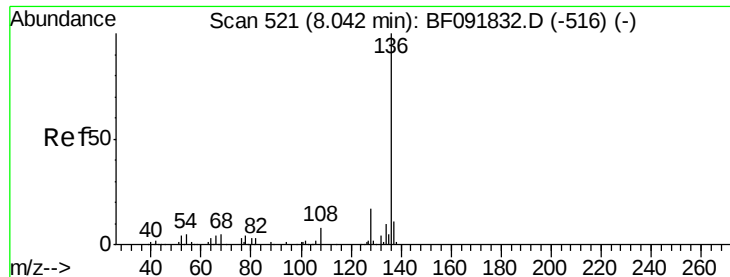
Tgt Ion:	70	Resp:	734915
Ion	Ratio	Lower	Upper
70	100		
42	59.9	49.4	74.0
101	8.8	7.4	11.2
130	18.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 35.75 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

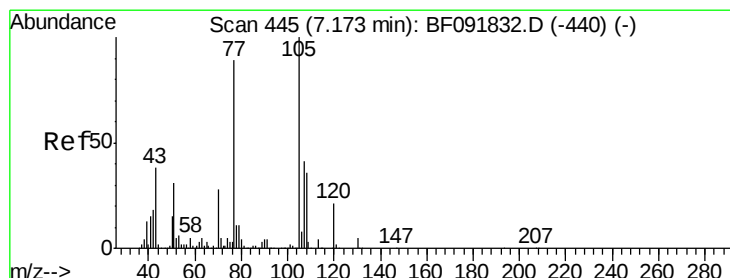
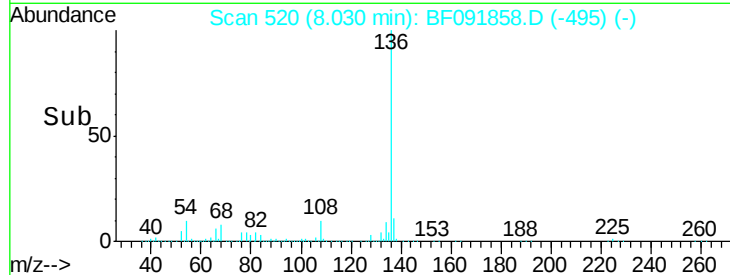
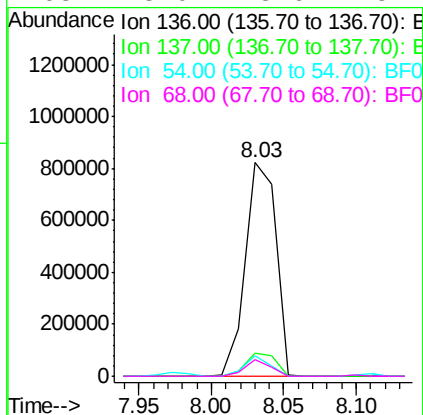
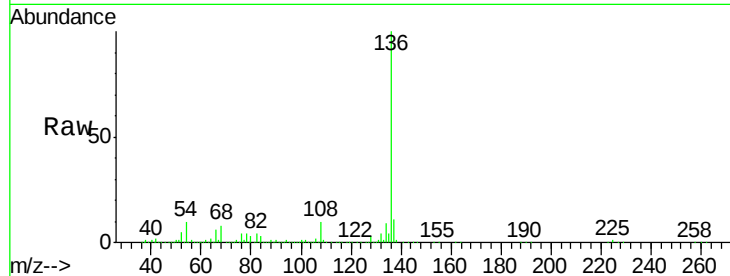
Tgt Ion:	107	Resp:	695688
Ion	Ratio	Lower	Upper
107	100		
108	88.6	73.0	113.0
77	98.4	71.3	111.3
79	27.0	11.1	51.1





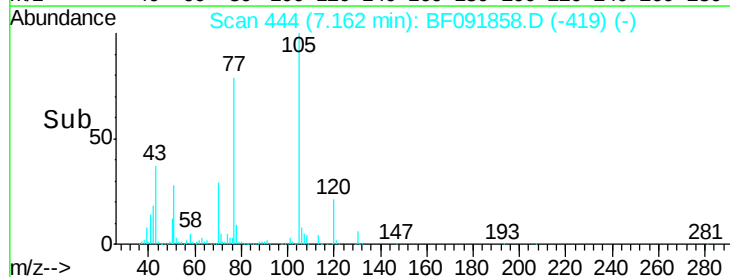
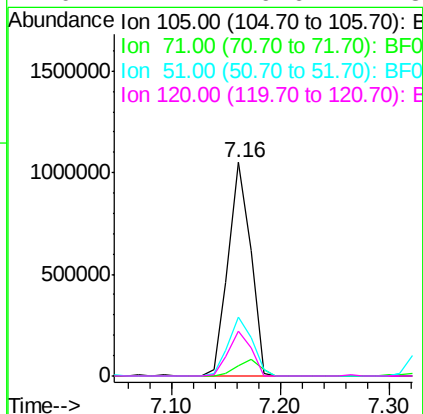
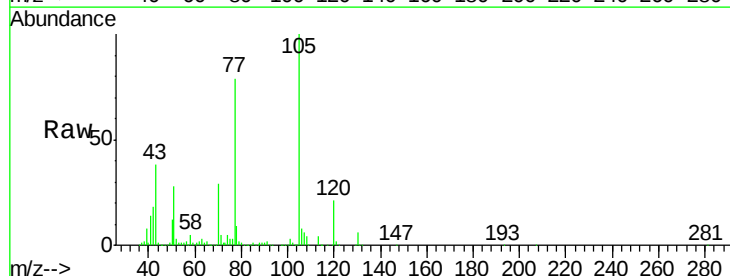
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

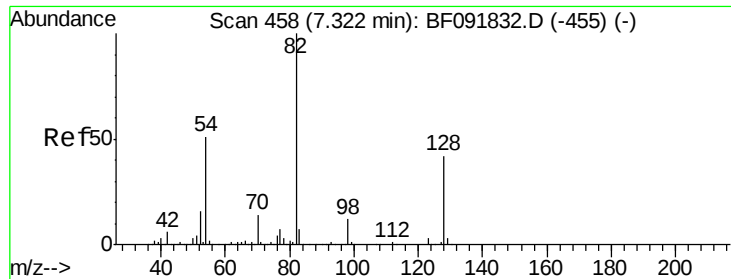
Tgt Ion:	136	Resp:	1208419
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.6	4.5	6.7#
68	8.0	3.6	5.4#



#22
Acetophenone
Concen: 50.07 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:	105	Resp:	1492491
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.2	4.8#
51	27.8	26.2	39.4
120	21.2	16.6	24.8

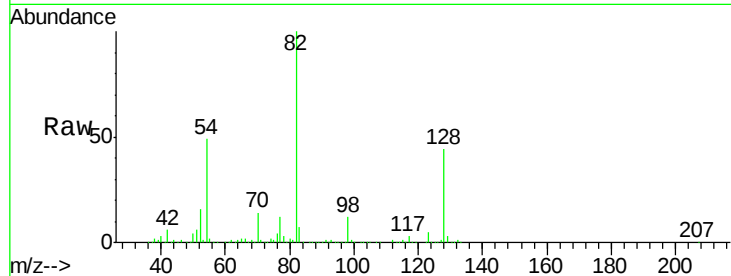




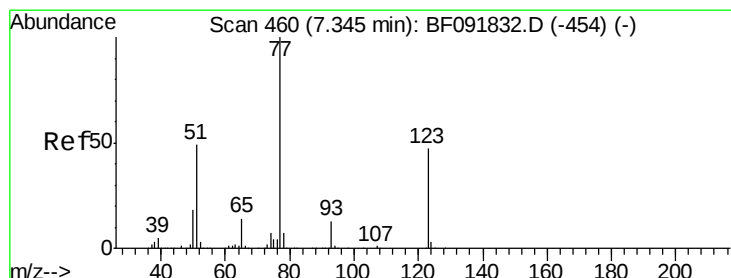
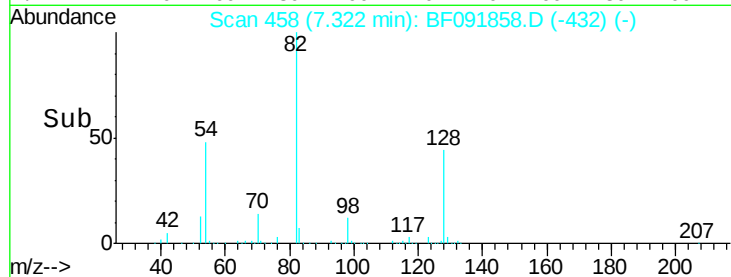
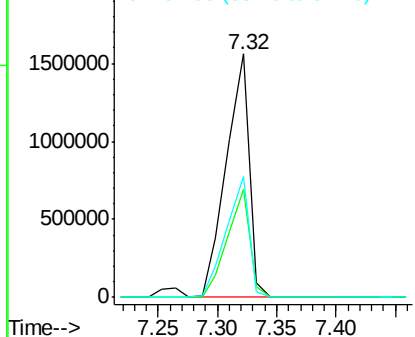
#23
 Nitrobenzene-d5
 Concen: 96.54 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion: 82 Resp: 2098030

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	49.3	39.5	59.3



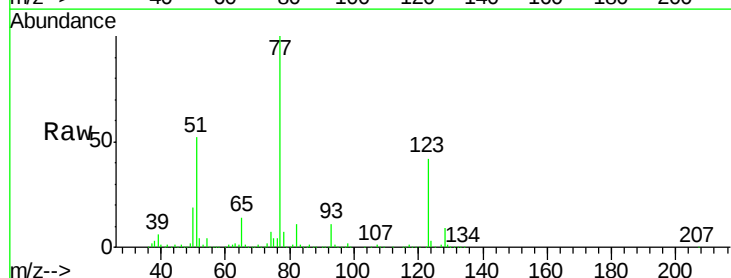
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



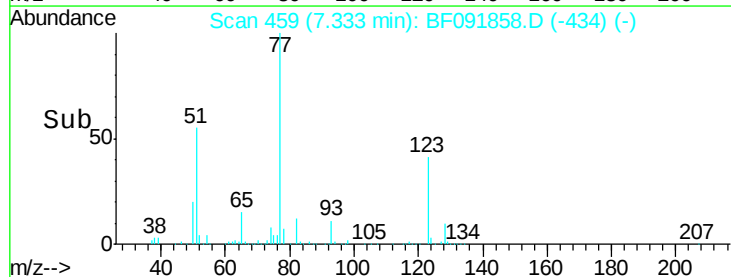
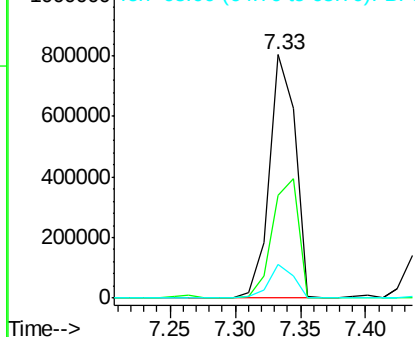
#24
 Nitrobenzene
 Concen: 48.52 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

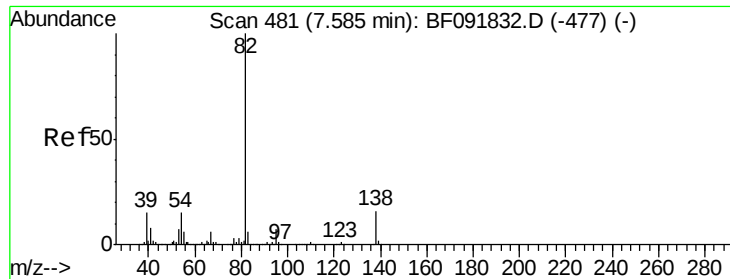
Tgt Ion: 77 Resp: 1123005

Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.0	49.4
65	13.7	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 54.72 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

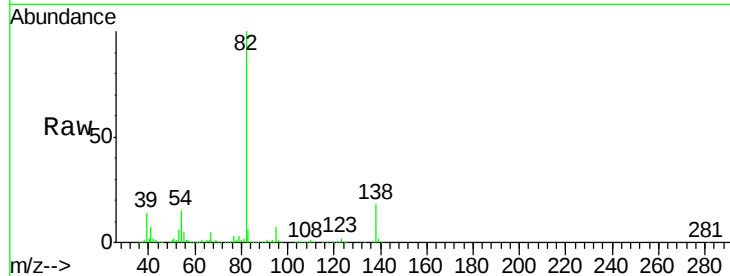
Tgt Ion: 82 Resp: 2193858

Ion Ratio Lower Upper

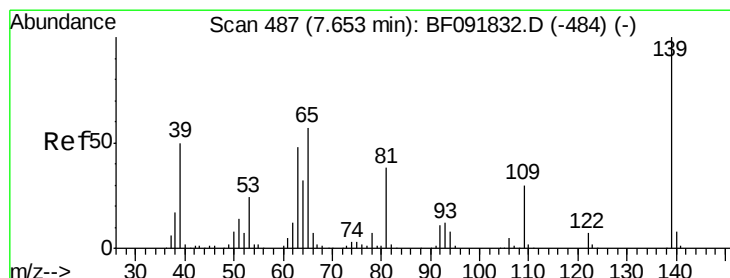
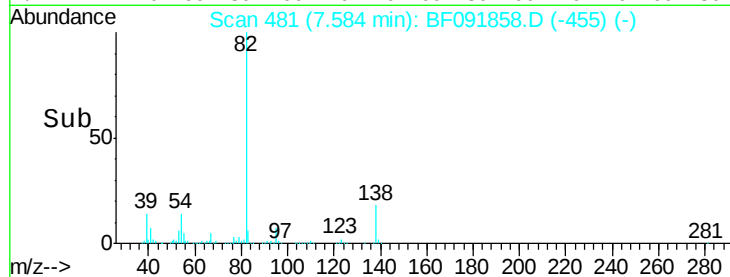
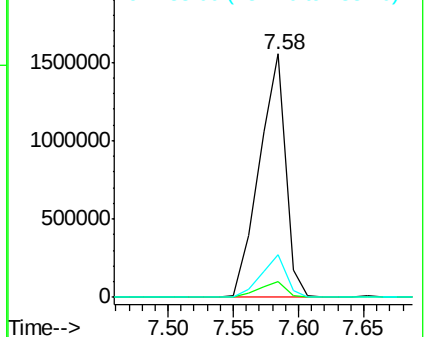
82 100

95 6.6 5.6 8.4

138 17.7 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: 49.64 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

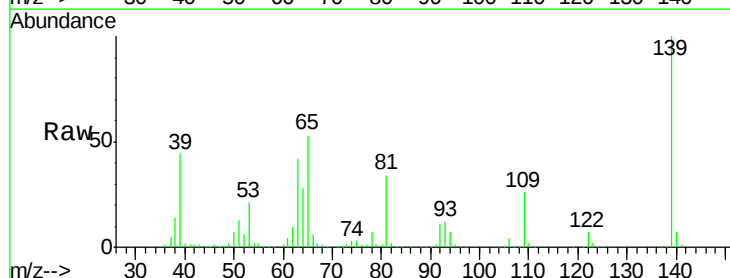
Tgt Ion: 139 Resp: 566636

Ion Ratio Lower Upper

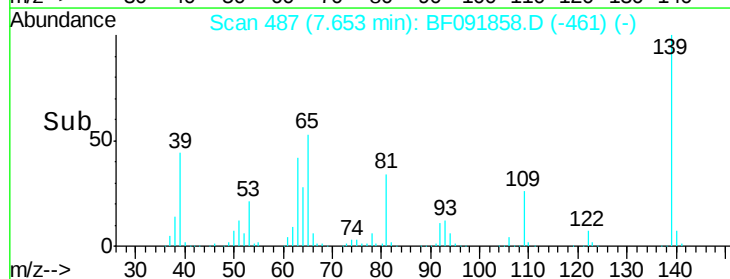
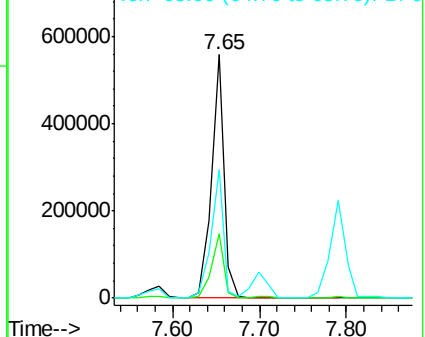
139 100

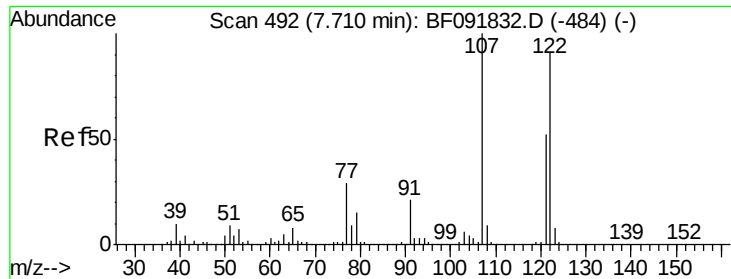
109 26.3 23.3 34.9

65 53.0 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: 47.65 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

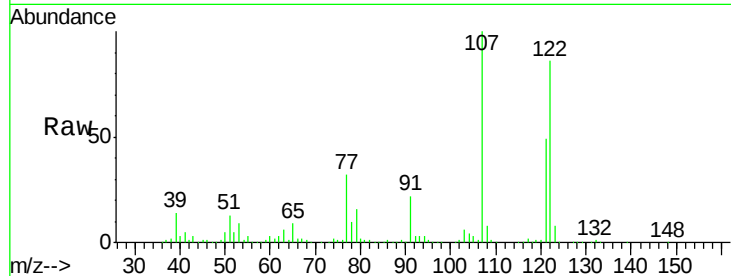
Tgt Ion: 122 Resp: 902045

Ion Ratio Lower Upper

122 100

107 115.6 94.1 141.1

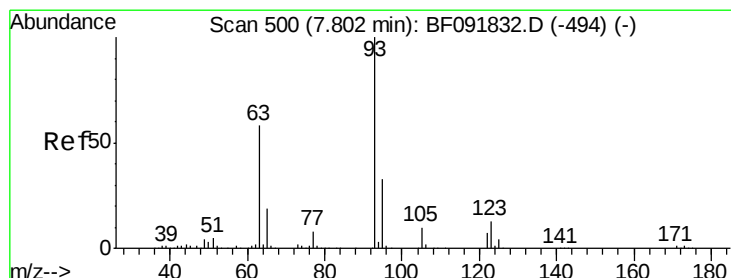
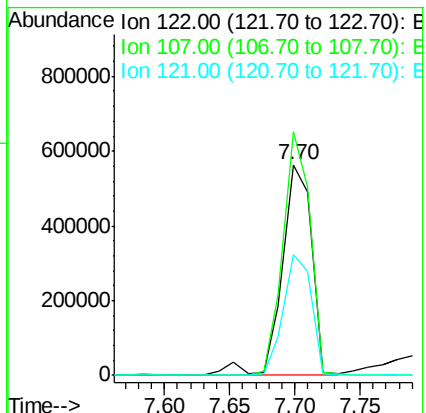
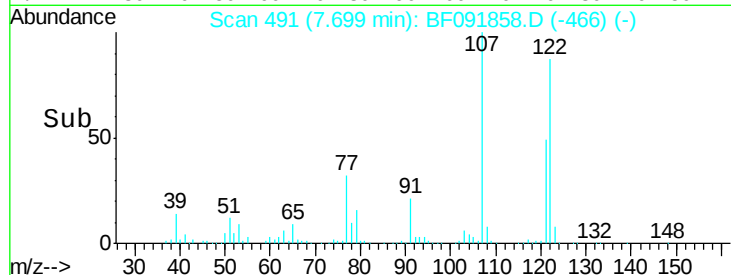
121 57.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.64 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

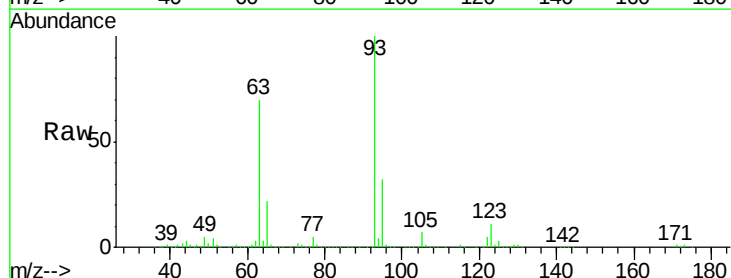
Tgt Ion: 93 Resp: 1279967

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

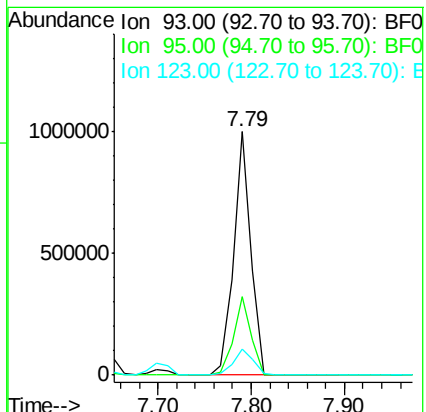
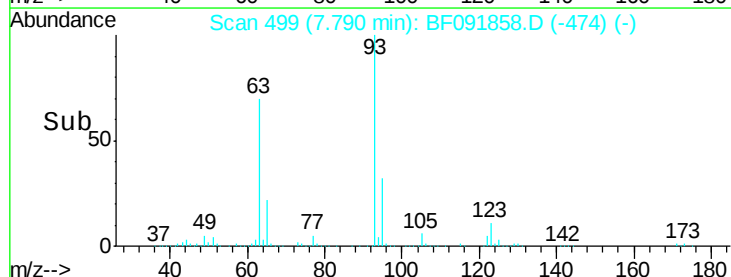
123 10.7 8.6 13.0

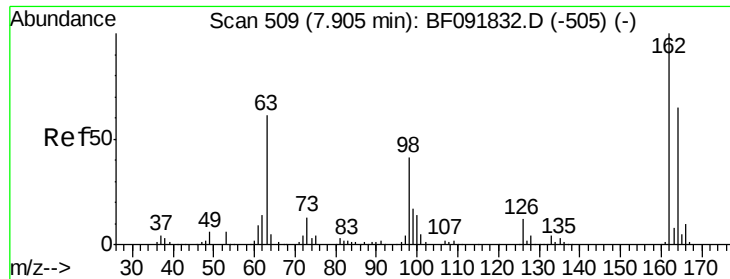


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

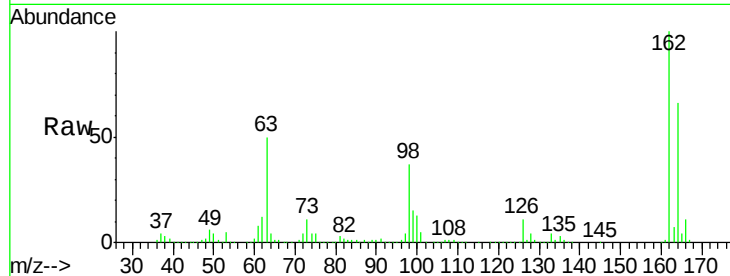
Ion 123.00 (122.70 to 123.70): E



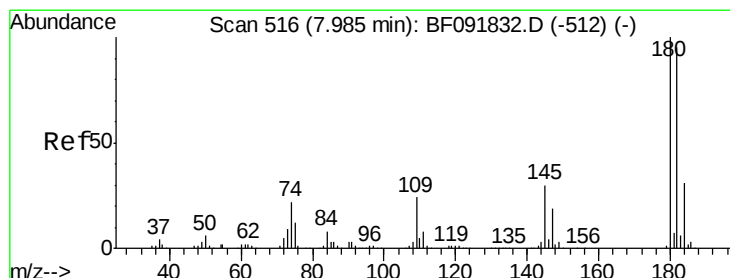
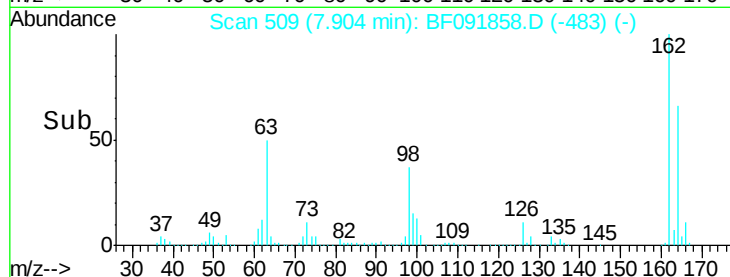
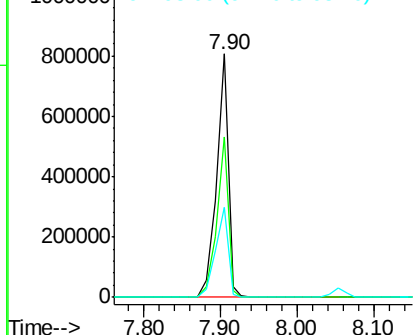


#29
 2,4-Dichlorophenol
 Concen: 52.76 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.8	86.8
98	37.2	9.1	49.1

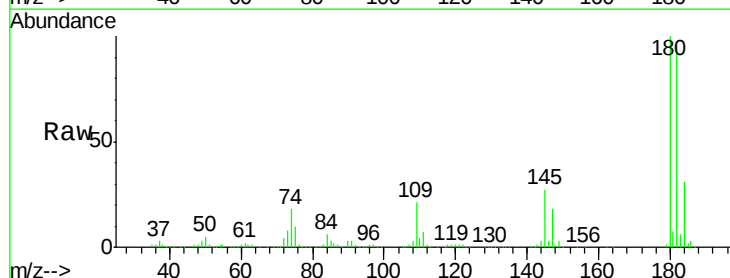


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

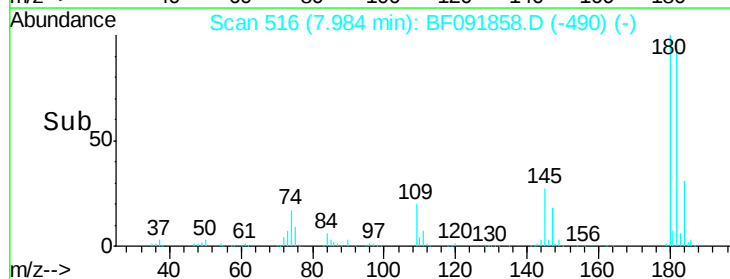
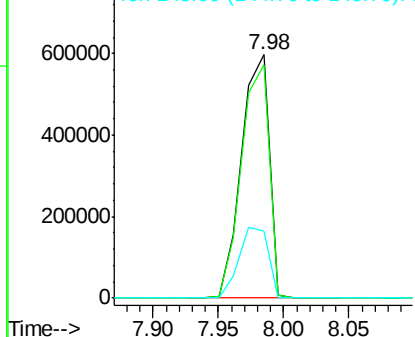


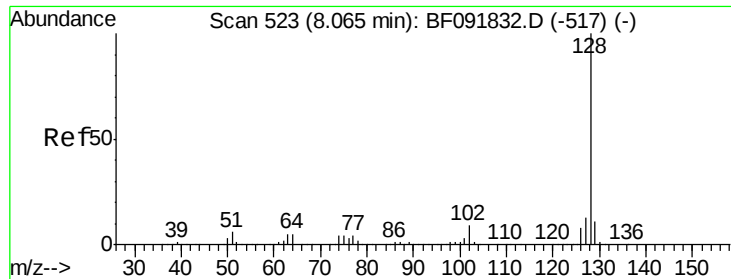
#30
 1,2,4-Trichlorobenzene
 Concen: 50.21 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.2	117.4
145	27.3	21.6	32.4



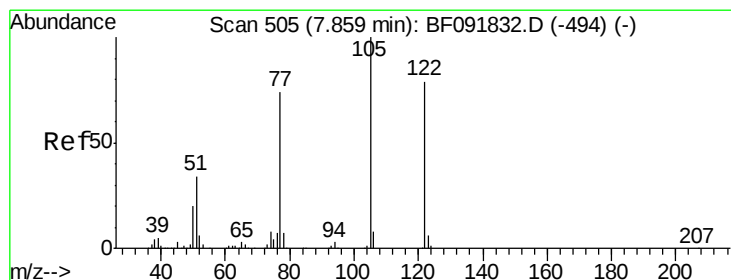
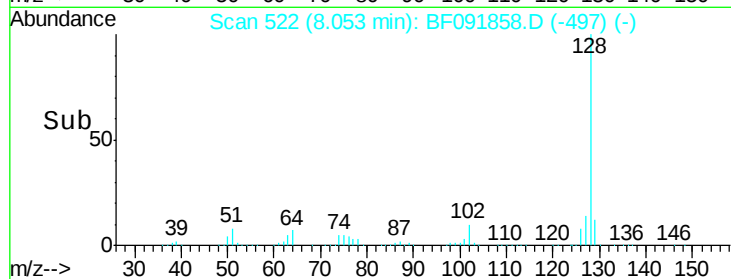
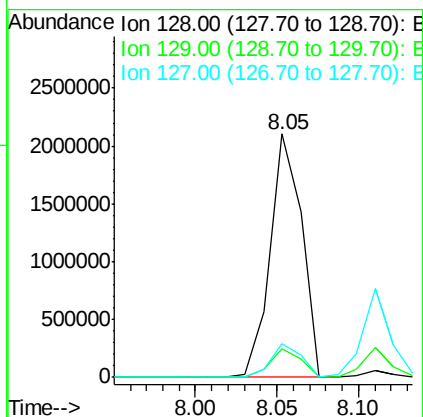
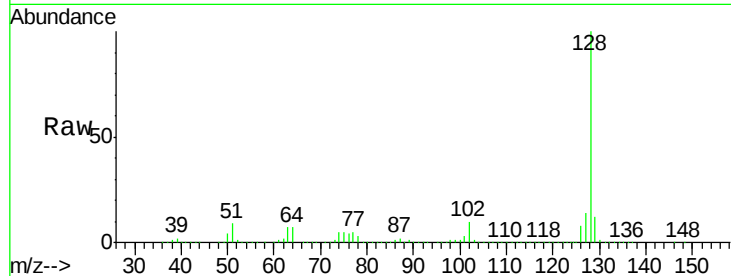
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





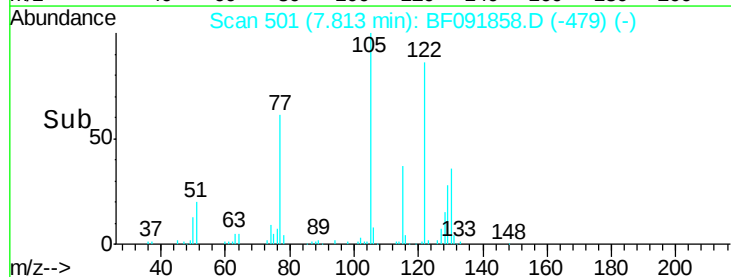
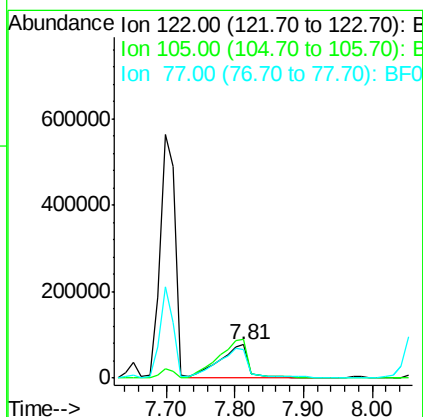
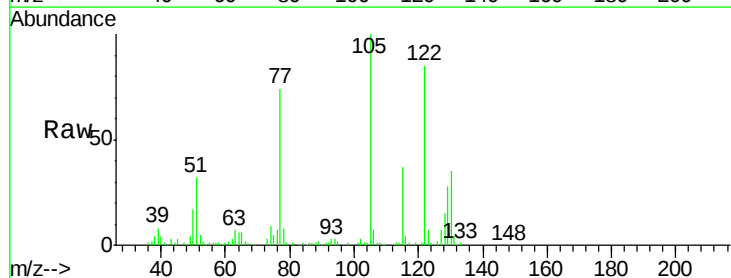
#31
Naphthalene
Concen: 51.29 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:128 Resp: 2836925
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 16.07 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

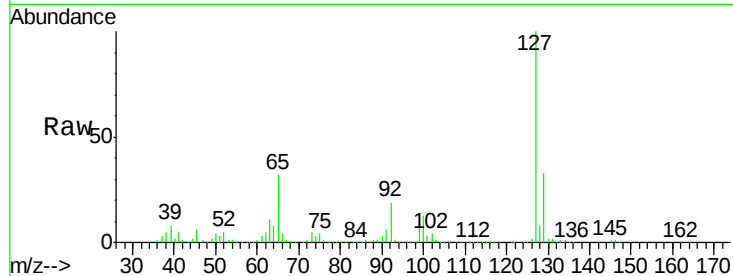
Tgt Ion:122 Resp: 225608
Ion Ratio Lower Upper
122 100
105 117.8 107.2 147.2
77 86.8 74.5 114.5



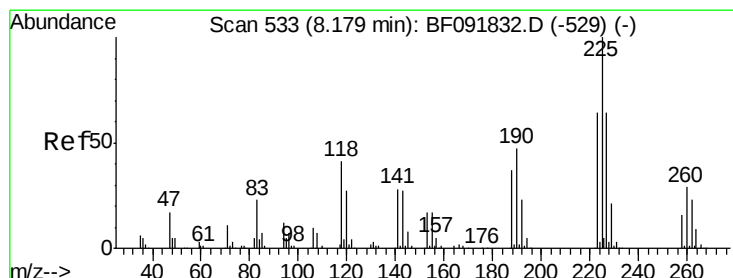
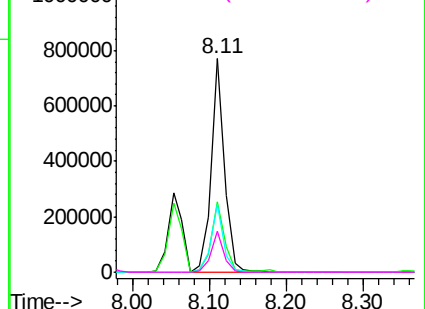
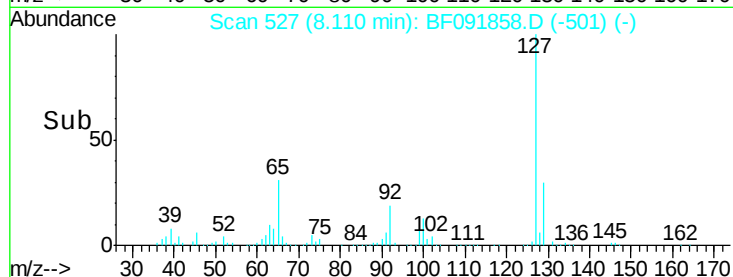


#33
4-Chloroaniline
Concen: 36.46 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:	127	Resp:	909144
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	31.9	25.8	38.8
92	19.4	16.1	24.1

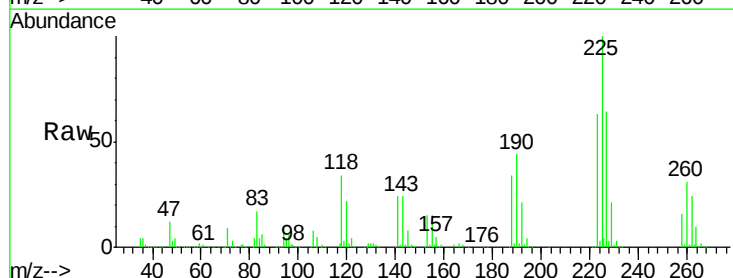


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

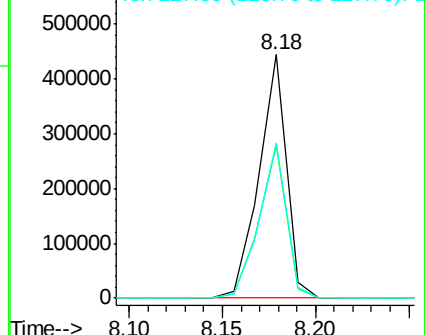
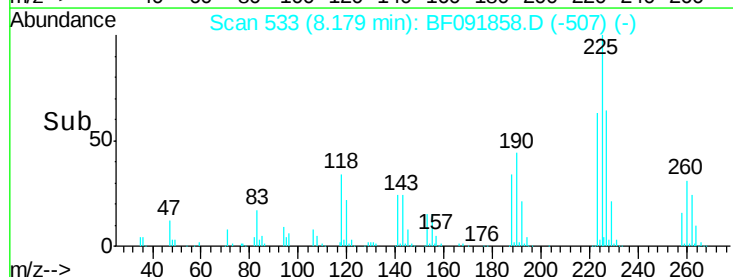


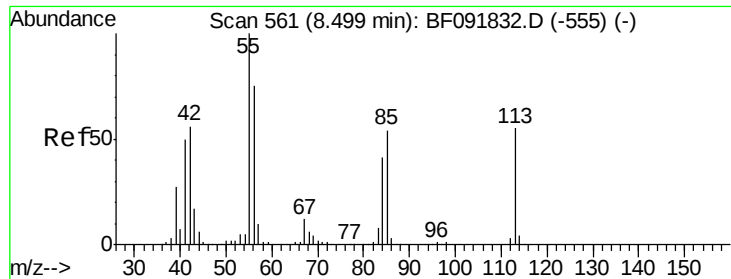
#34
Hexachlorobutadiene
Concen: 48.40 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:	225	Resp:	448767
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	63.7	50.6	76.0



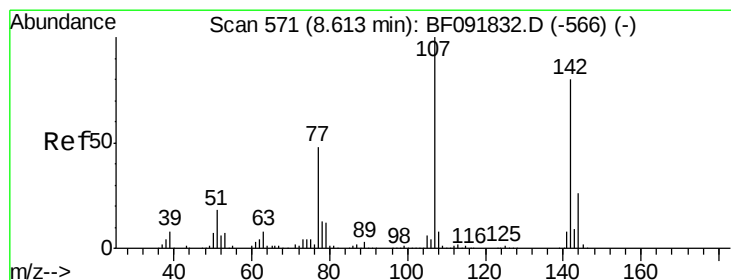
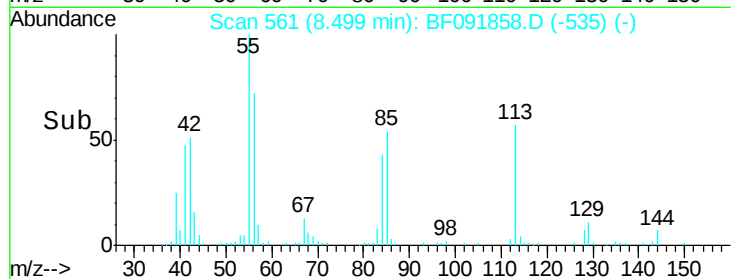
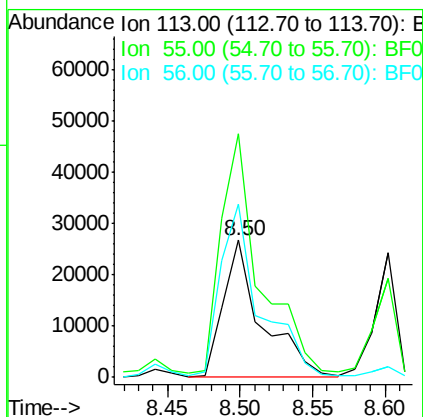
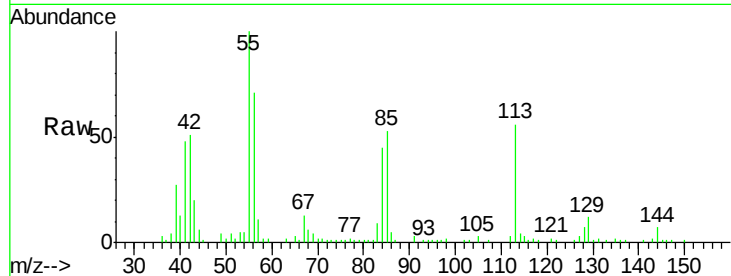
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





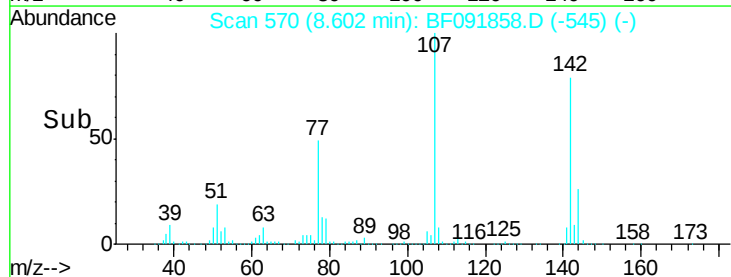
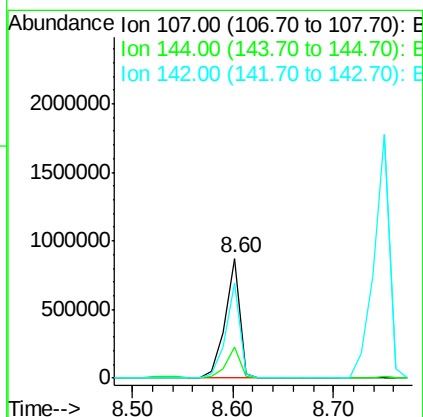
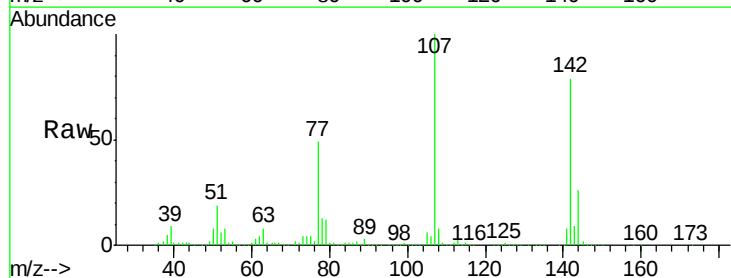
#35
 Caprolactam
 Concen: 9.42 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

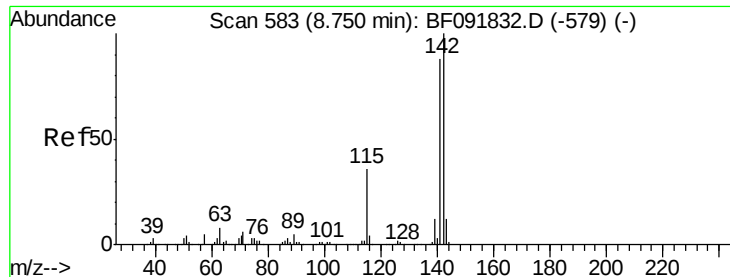
Tgt Ion:113 Resp: 49642
 Ion Ratio Lower Upper
 113 100
 55 177.3 119.2 159.2#
 56 125.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 48.34 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

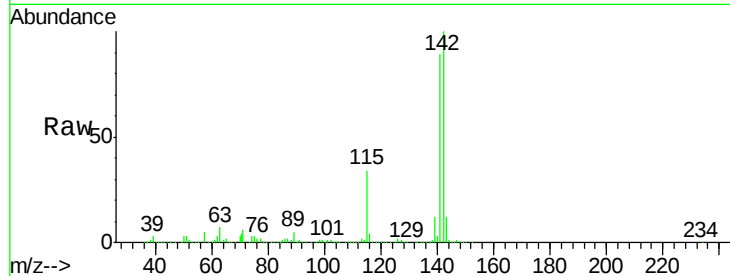
Tgt Ion:107 Resp: 891717
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.3 28.9
 142 79.3 59.0 88.6



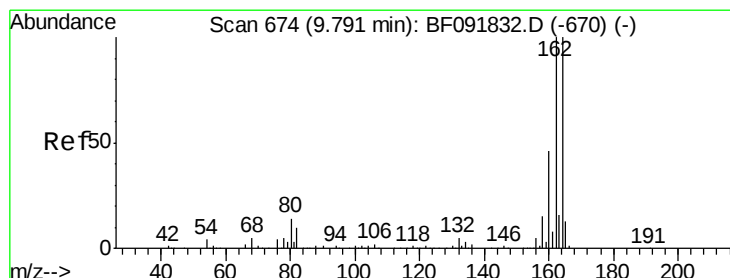
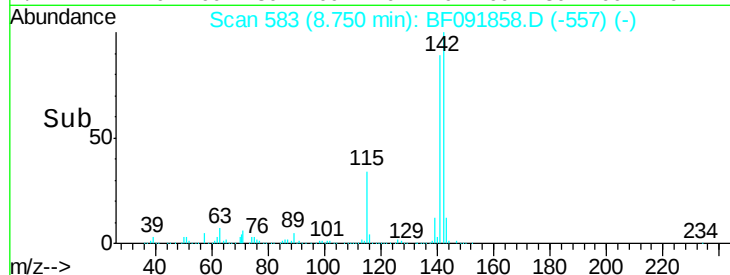
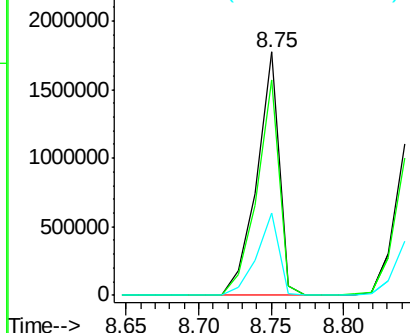


#37
2-Methylnaphthalene
Concen: 72.10 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:142 Resp: 1896715
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 34.0 28.3 42.5

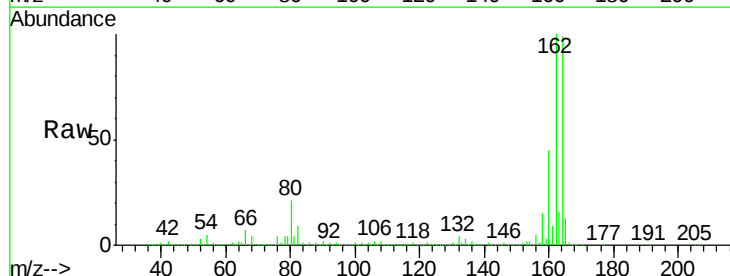


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

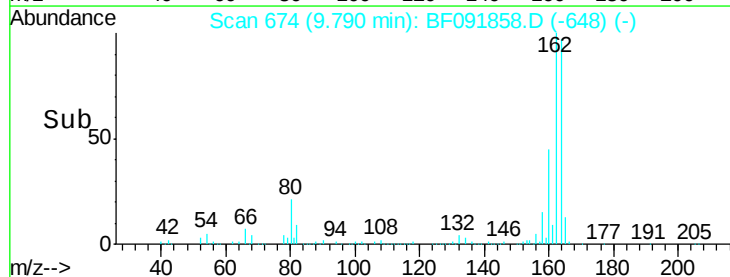
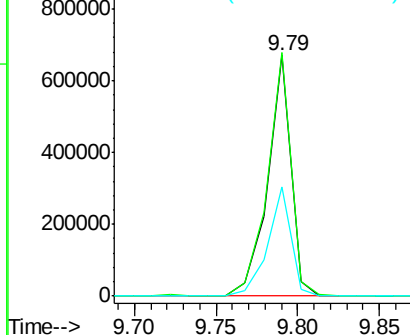


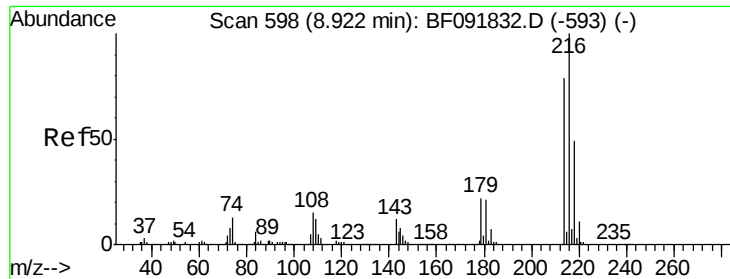
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:164 Resp: 667210
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 45.5 36.9 55.3



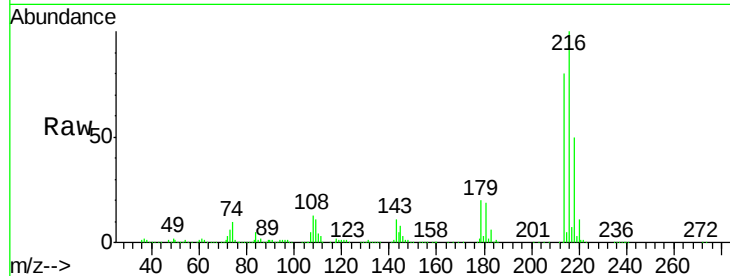
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



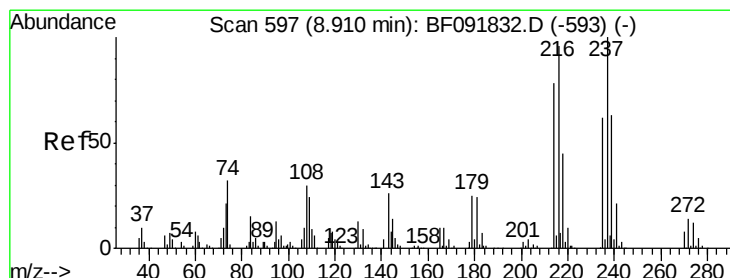
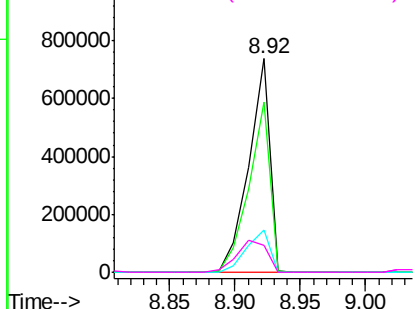
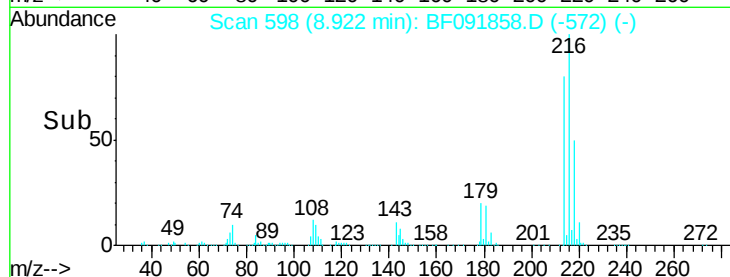


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.39 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:	216	Resp:	832560
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.0
179	21.6	17.4	26.2
108	21.3	15.6	23.4

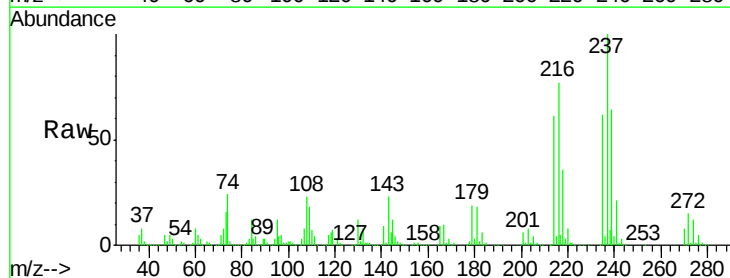


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

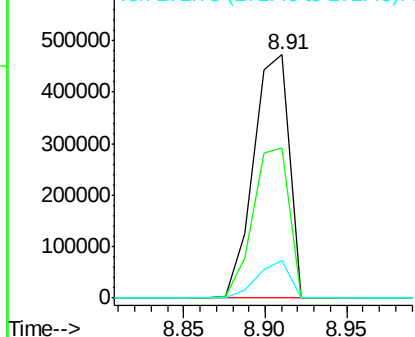
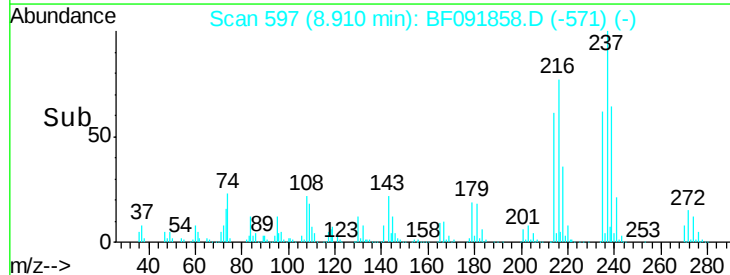


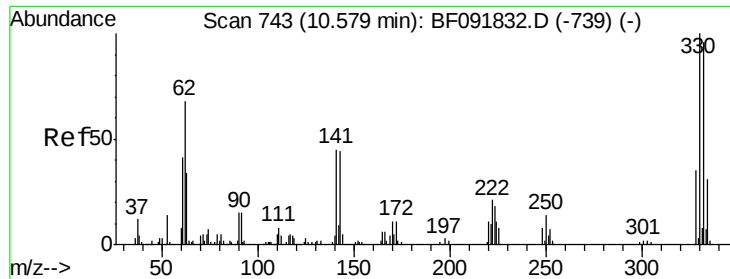
#40
 Hexachlorocyclopentadiene
 Concen: 94.90 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:	237	Resp:	718289
Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.2	81.2
272	15.3	0.0	35.4



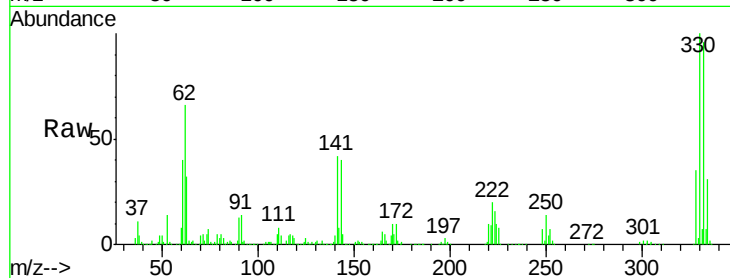
Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E



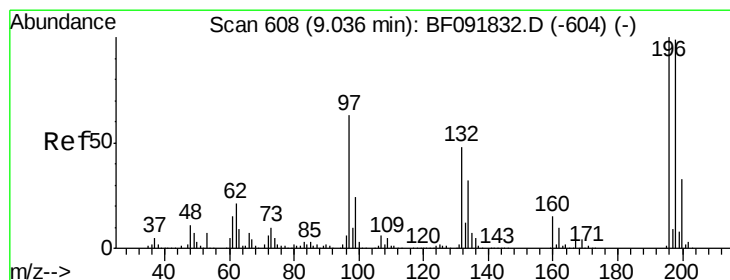
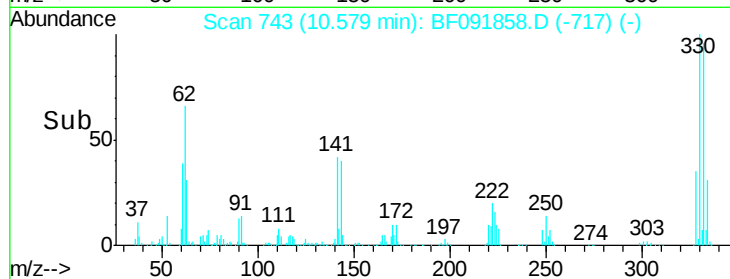
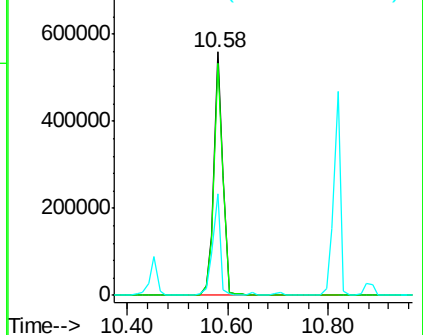


#41
 2,4,6-Tribromophenol
 Concen: 126.53 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:330 Resp: 698642
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 35.3 34.1 51.1

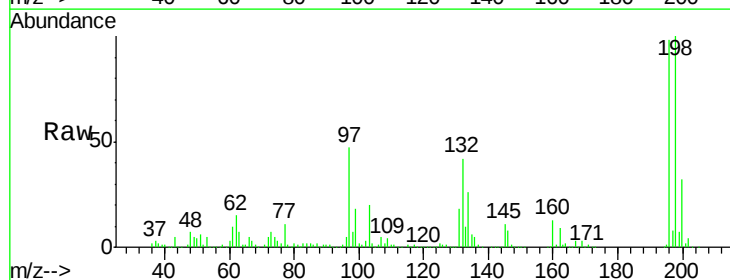


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

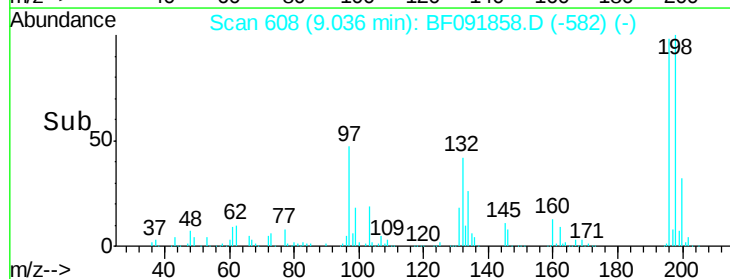
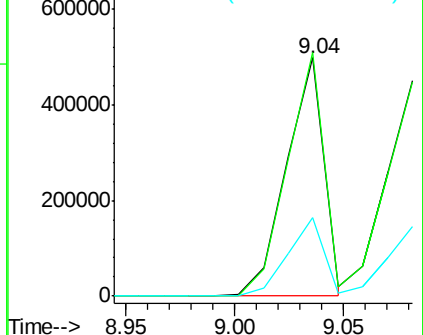


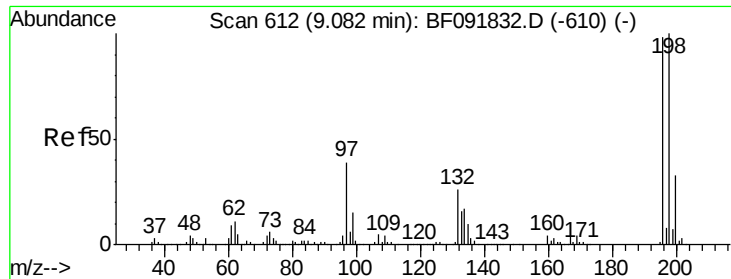
#42
 2,4,6-Trichlorophenol
 Concen: 50.71 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:196 Resp: 597866
 Ion Ratio Lower Upper
 196 100
 198 102.2 82.1 123.1
 200 33.1 27.0 40.4



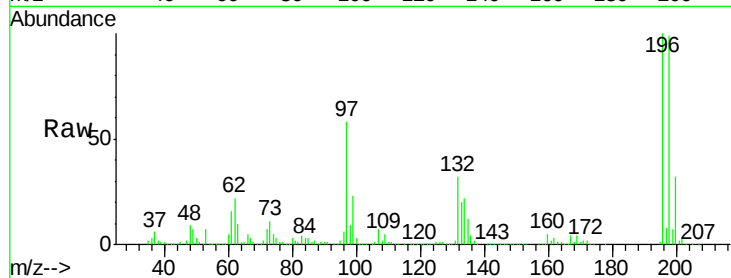
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



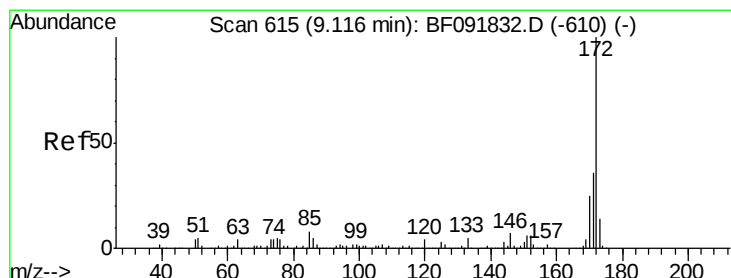
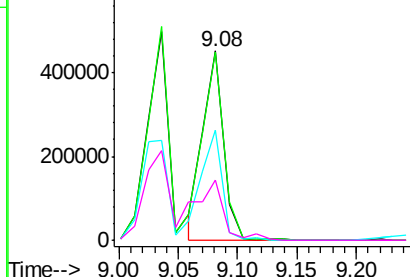
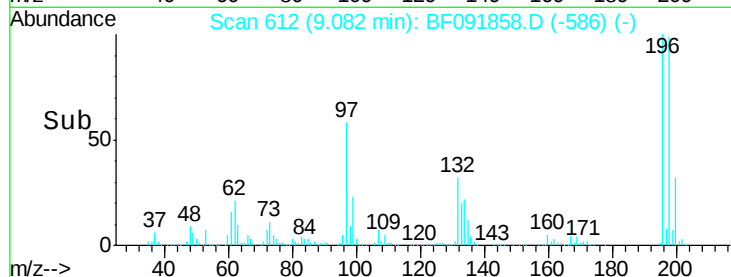


#43
 2,4,5-Trichlorophenol
 Concen: 45.41 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:	196	Resp:	550882
Ion Ratio	Lower	Upper	
196	100		
198	99.1	79.4	119.2
97	58.1	51.5	77.3
132	32.1	27.4	41.2

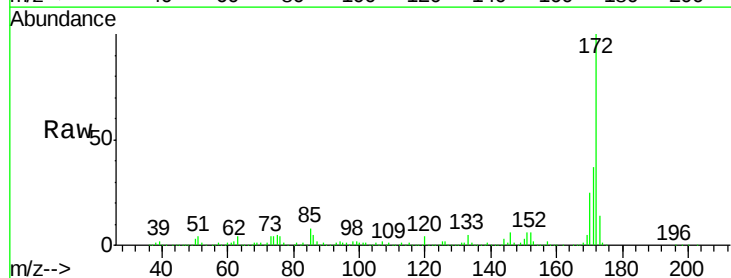


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

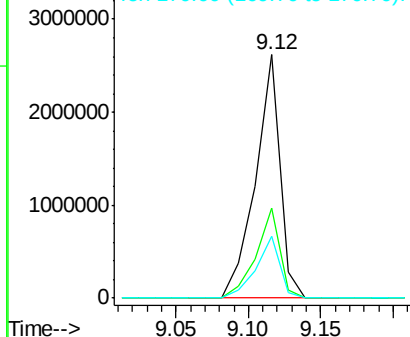
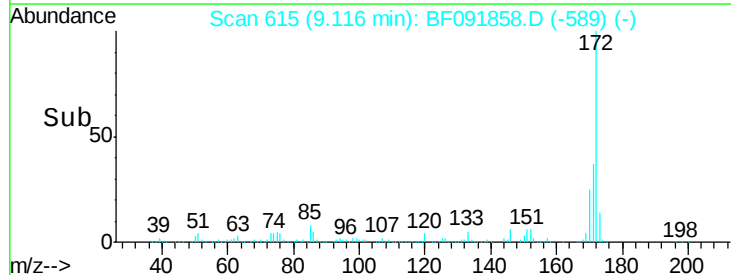


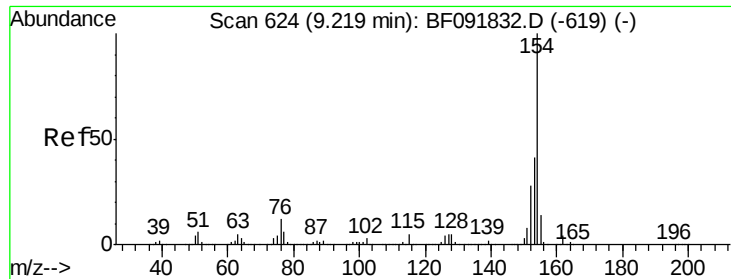
#44
 2-Fluorobiphenyl
 Concen: 96.43 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:	172	Resp:	3083755
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.4	44.0
170	25.3	20.2	30.4



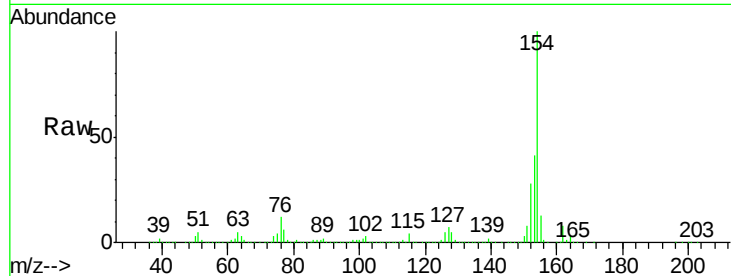
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



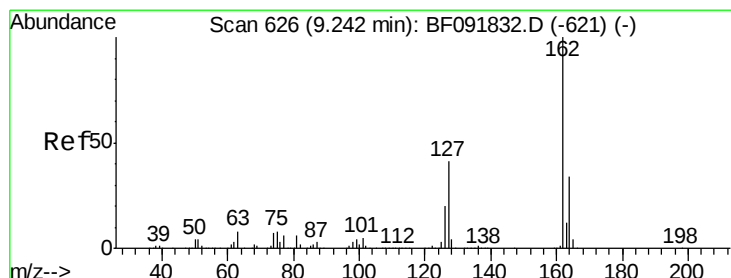
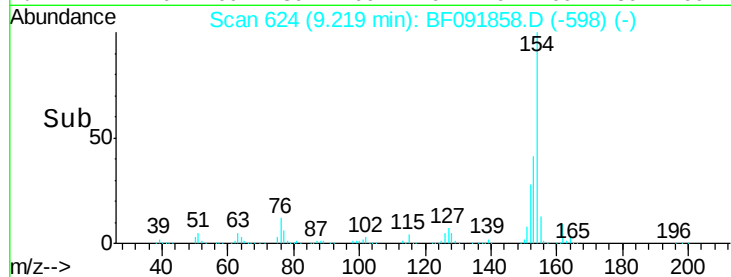
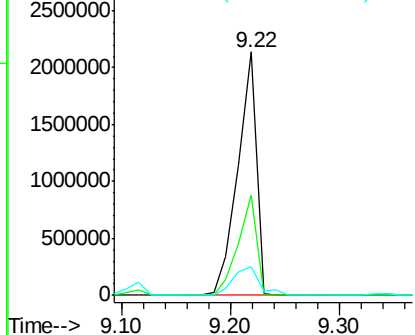


#45
 1,1'-Biphenyl
 Concen: 54.77 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:154 Resp: 2501953
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 11.8 0.0 30.5

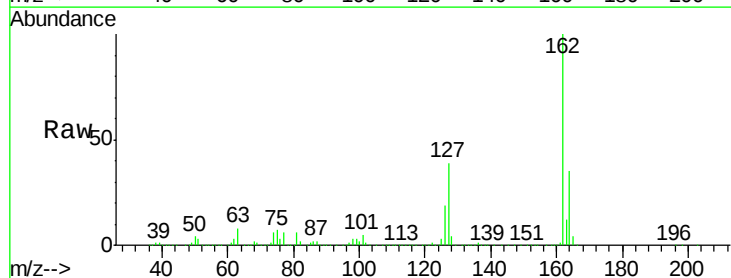


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

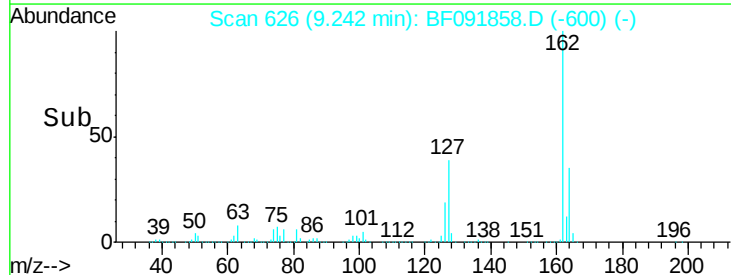
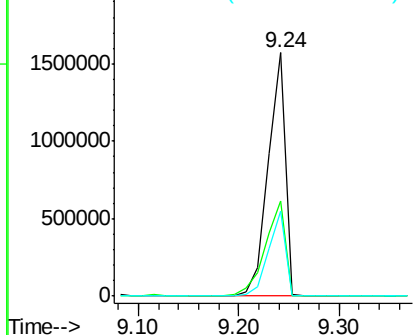


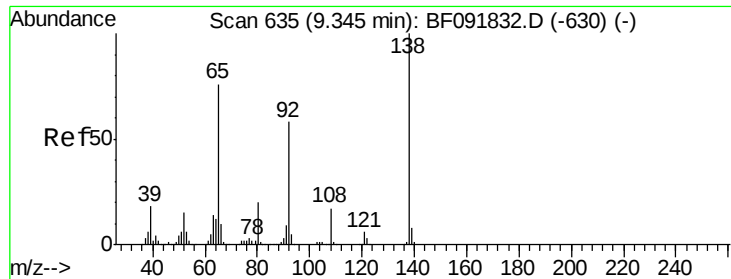
#46
 2-Chloronaphthalene
 Concen: 51.51 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:162 Resp: 1863606
 Ion Ratio Lower Upper
 162 100
 127 39.1 30.7 46.1
 164 34.7 27.6 41.4



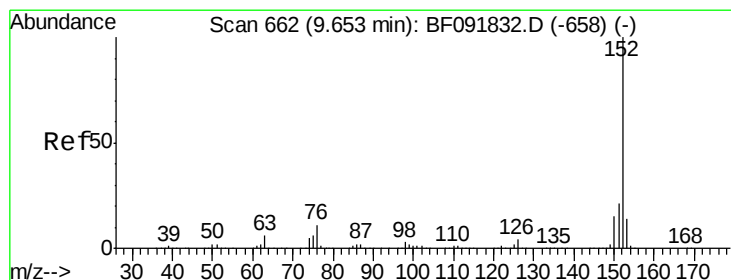
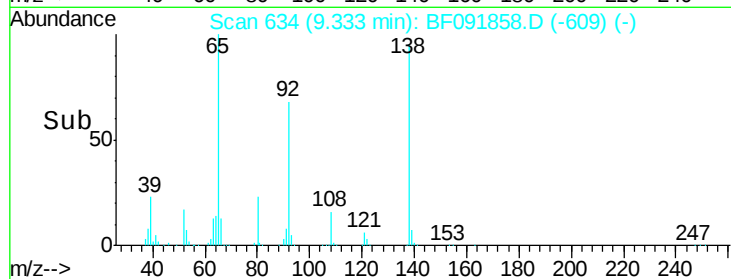
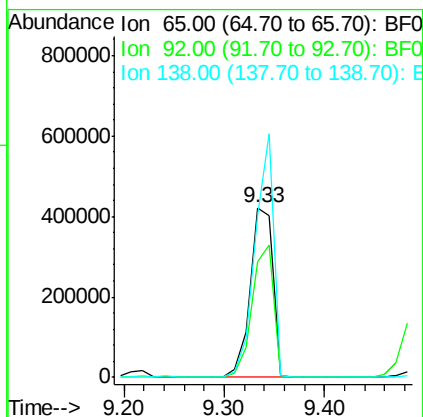
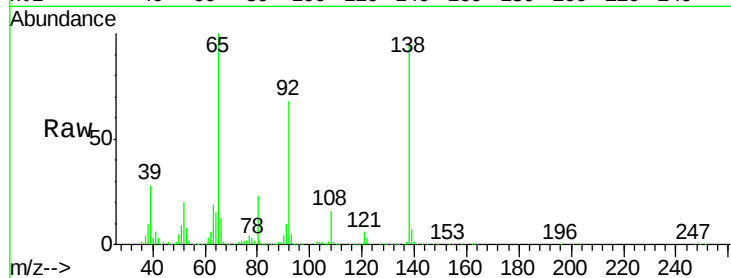
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





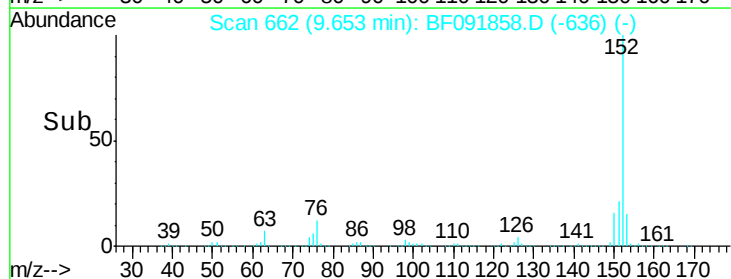
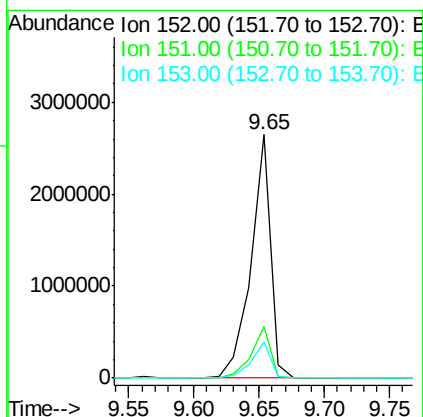
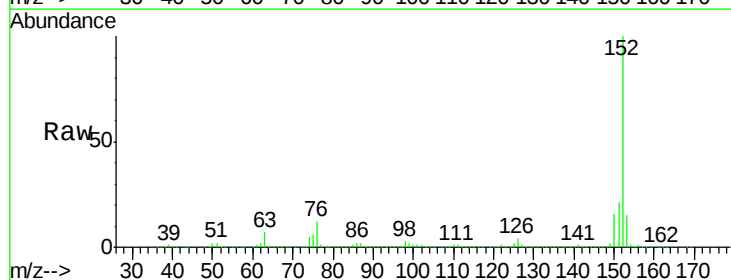
#47
 2-Nitroaniline
 Concen: 51.38 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

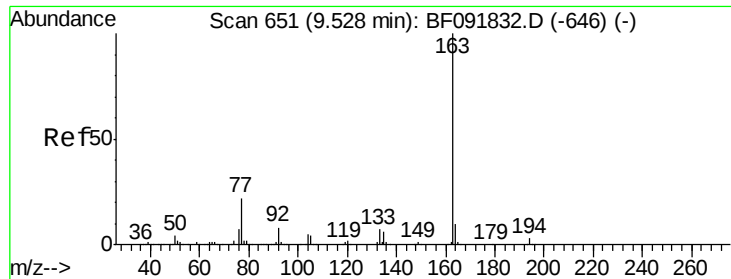
Tgt Ion:	65	Resp:	661830
Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.9	80.9
138	95.2	76.8	115.2



#48
 Acenaphthylene
 Concen: 49.47 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:	152	Resp:	2752687
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	14.8	11.4	17.2





#49

Dimethylphthalate

Concen: 53.94 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

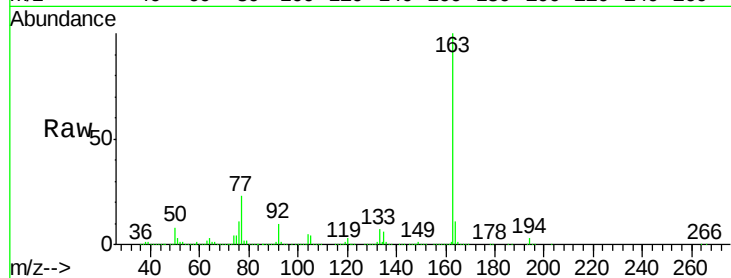
Tgt Ion:163 Resp: 2301607

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

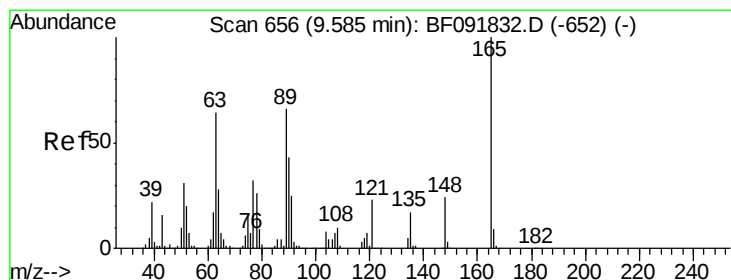
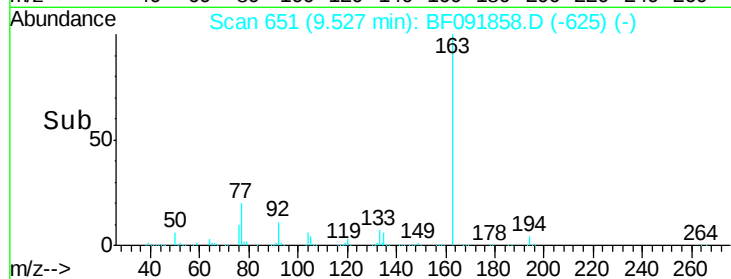
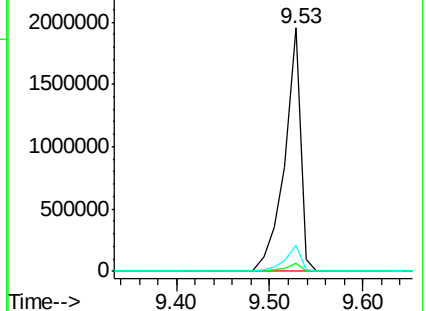
164 10.8 8.0 12.0



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: 53.81 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

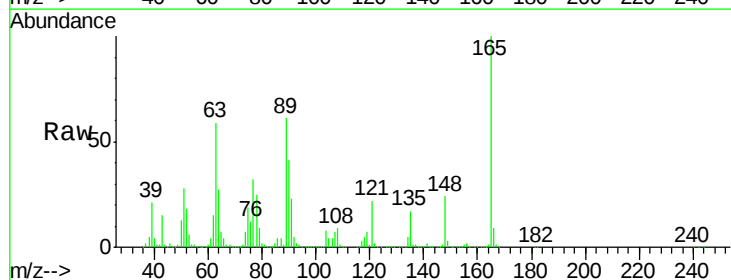
Tgt Ion:165 Resp: 502636

Ion Ratio Lower Upper

165 100

63 58.7 36.2 54.4#

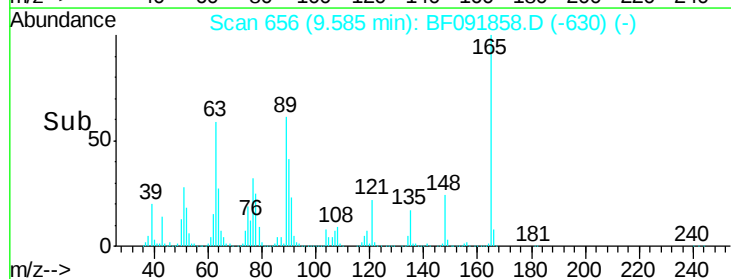
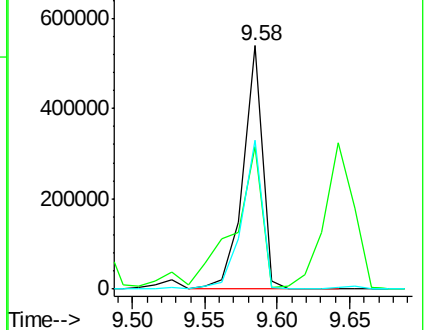
89 60.9 40.2 60.4#

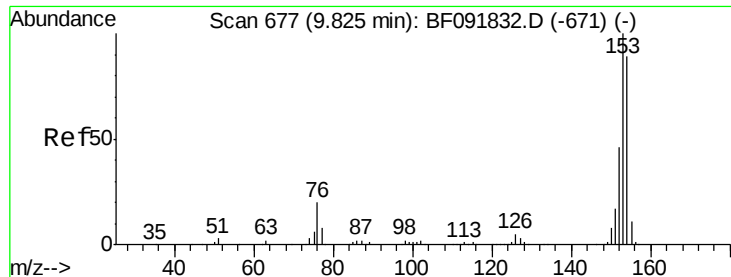


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.80 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

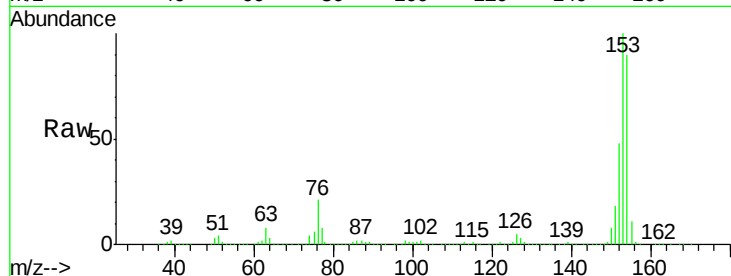
Tgt Ion:154 Resp: 1991819

Ion Ratio Lower Upper

154 100

153 110.9 88.6 133.0

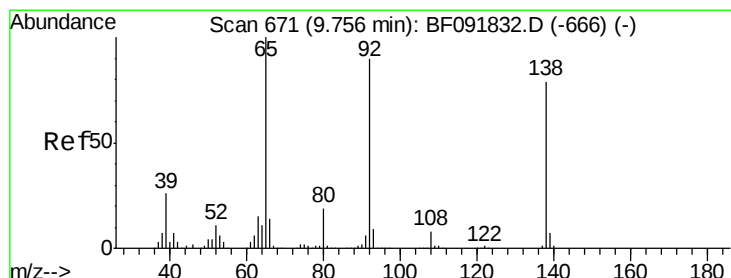
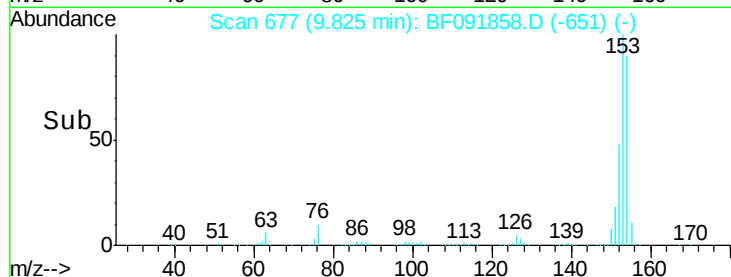
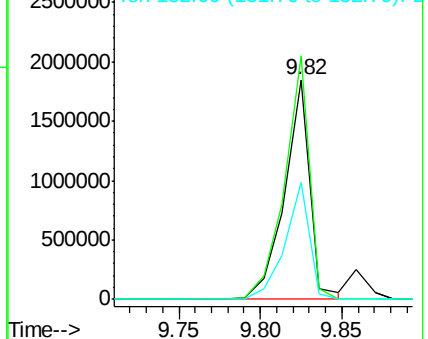
152 53.1 41.6 62.4



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: 32.23 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

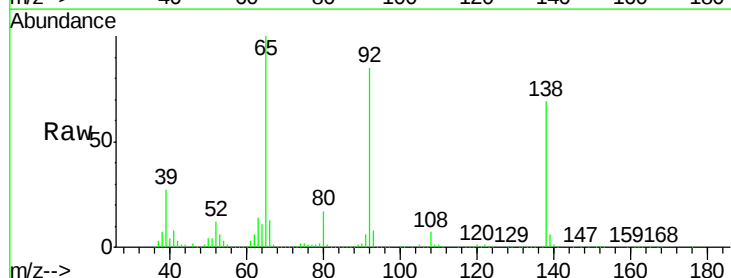
Tgt Ion:138 Resp: 372494

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

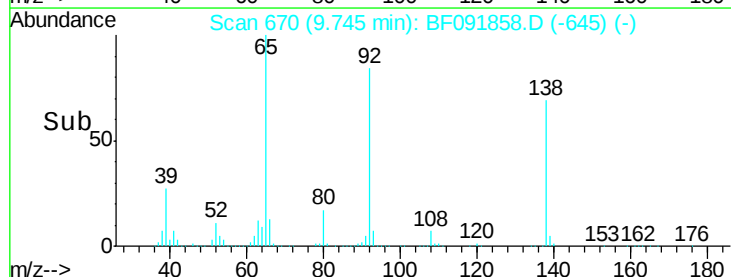
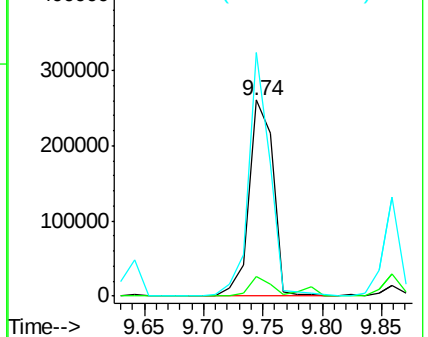
92 124.4 97.8 146.8

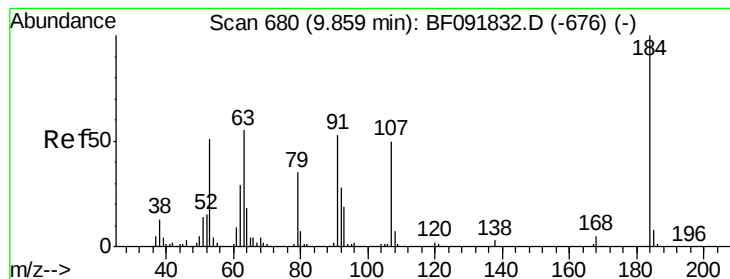


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 92.25 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

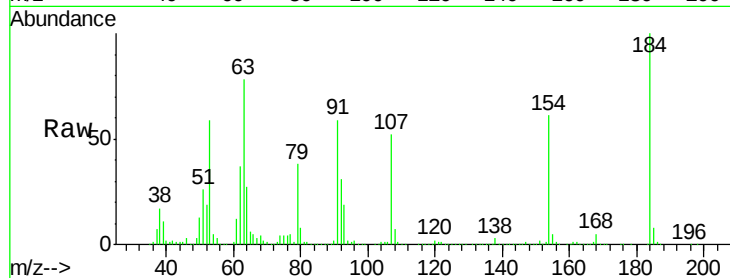
Tgt Ion:184 Resp: 479450

Ion Ratio Lower Upper

184 100

63 77.5 28.4 42.6#

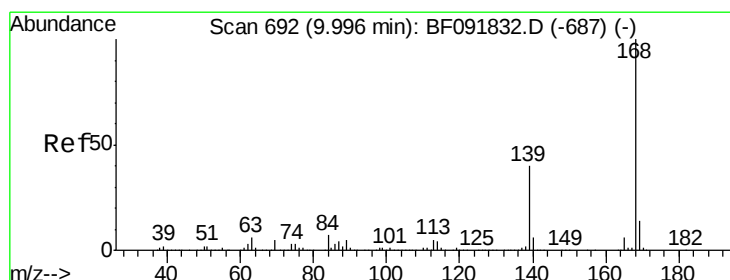
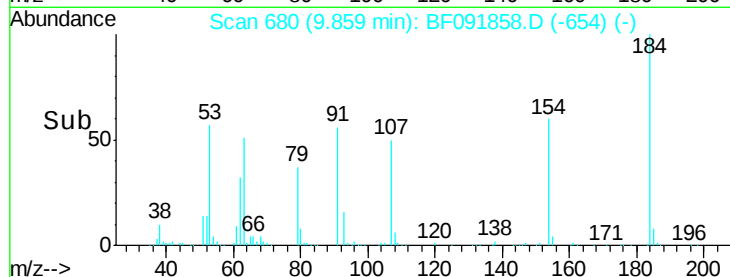
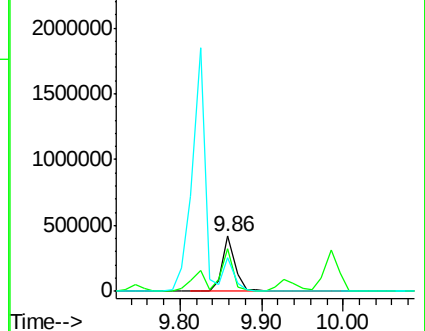
154 60.8 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.75 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

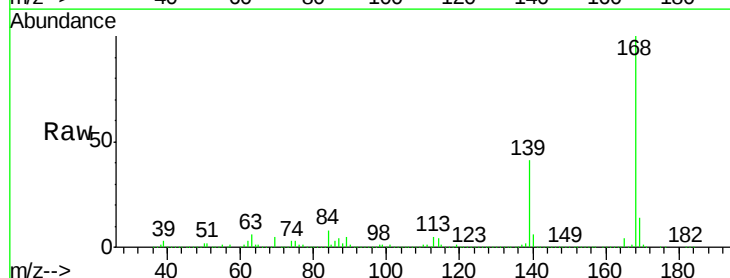
Tgt Ion:168 Resp: 2330601

Ion Ratio Lower Upper

168 100

139 41.2 32.6 49.0

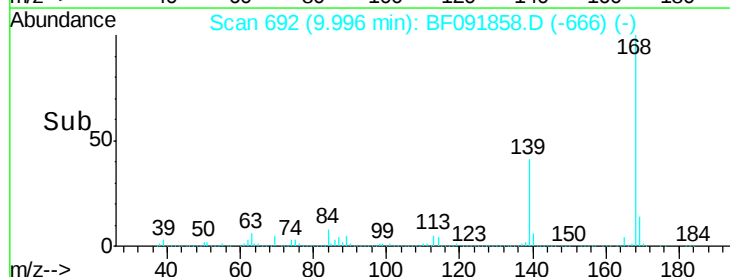
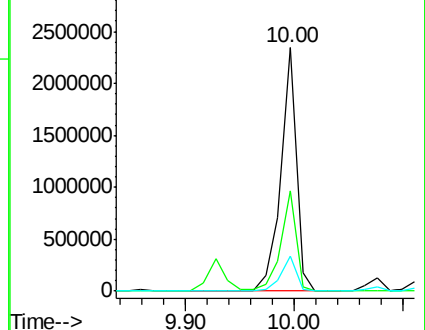
169 14.4 11.3 16.9

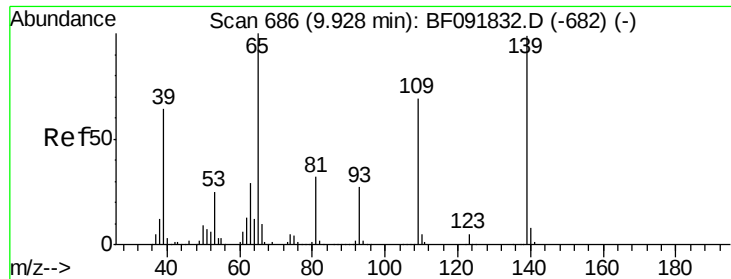


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

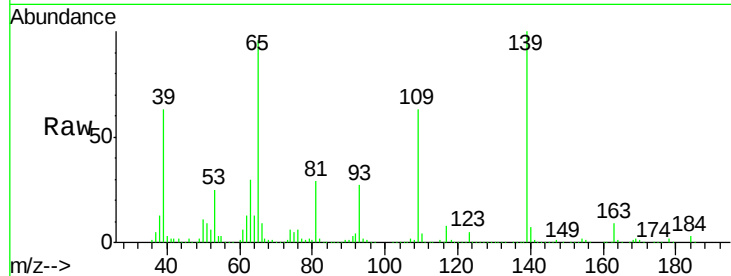
Ion 169.00 (168.70 to 169.70): E



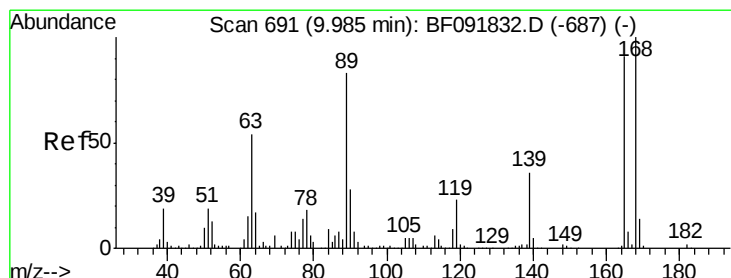
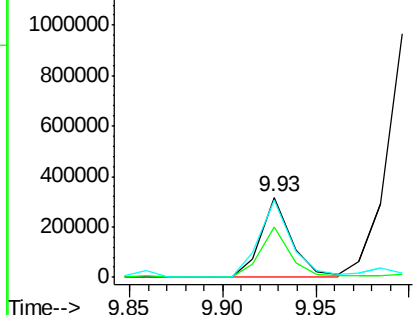
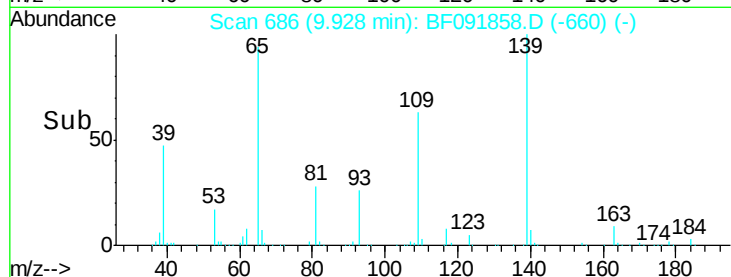


#55
4-Nitrophenol
Concen: 46.52 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:139 Resp: 365124
Ion Ratio Lower Upper
139 100
109 63.0 52.2 92.2
65 96.3 85.8 125.8

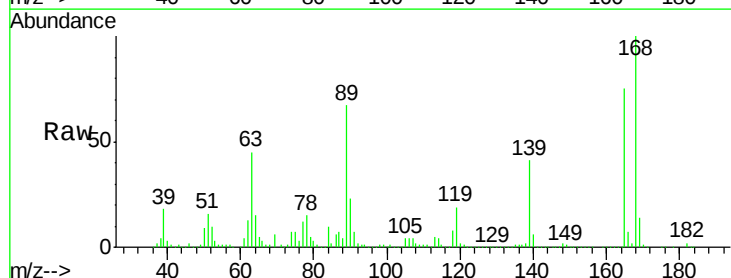


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

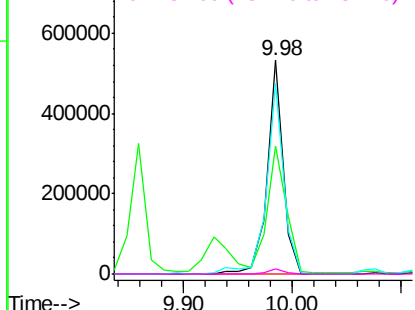
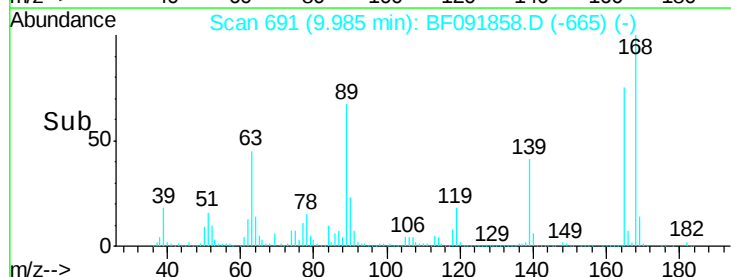


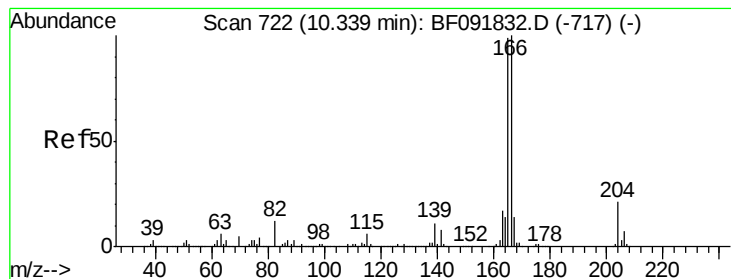
#56
2,4-Dinitrotoluene
Concen: 46.60 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:165 Resp: 546245
Ion Ratio Lower Upper
165 100
63 59.8 40.2 60.4
89 89.1 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: 49.90 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

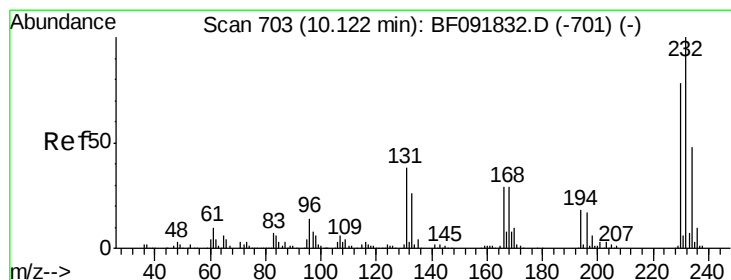
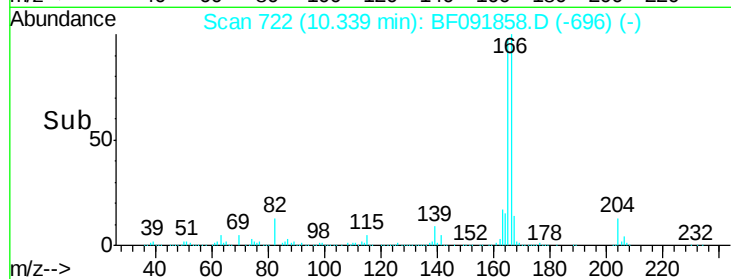
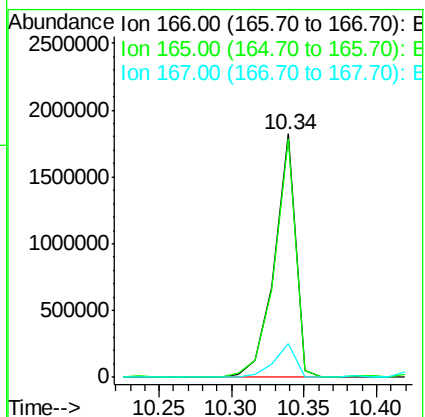
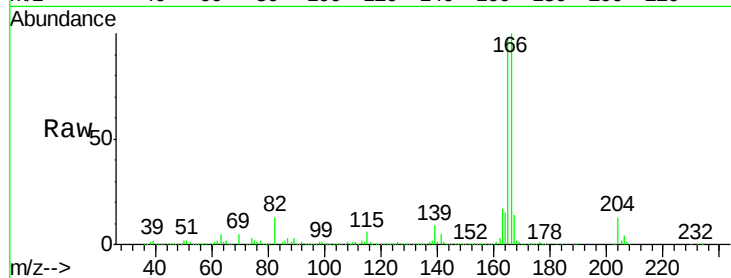
Tgt Ion:166 Resp: 1849348

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

167 14.0 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.10 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:232 Resp: 509567

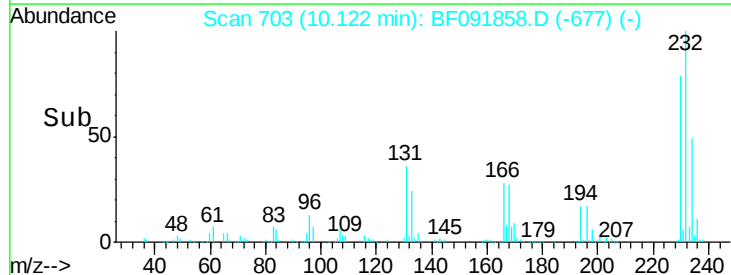
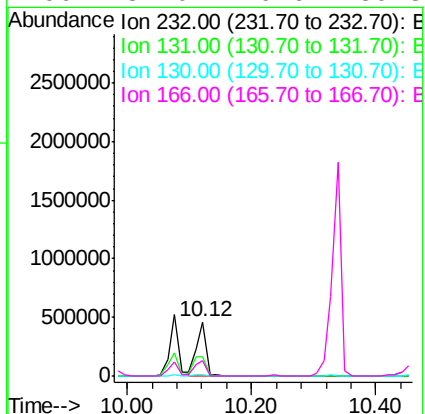
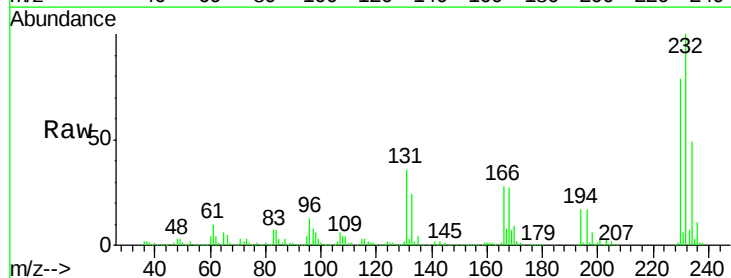
Ion Ratio Lower Upper

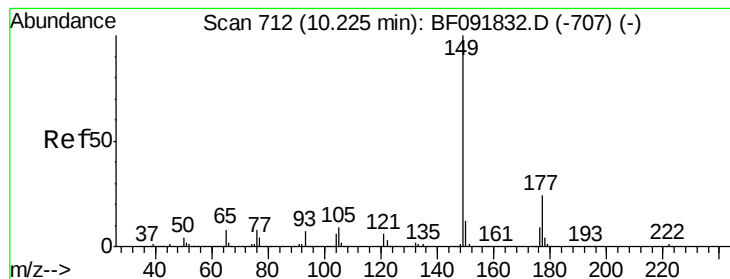
232 100

131 48.6 40.1 60.1

130 2.2 1.8 2.8

166 32.0 26.6 39.8





#59

Diethylphthalate

Concen: 51.01 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

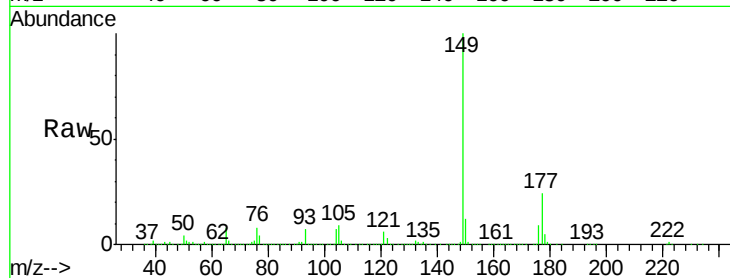
Tgt Ion:149 Resp: 2114173

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

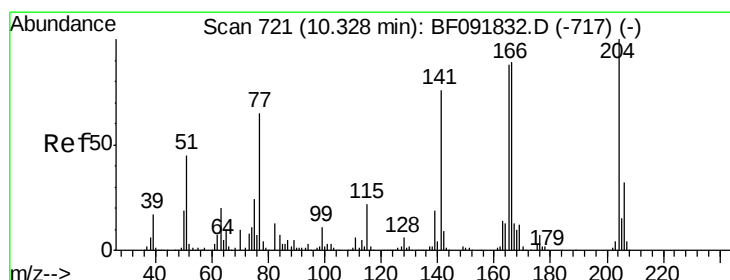
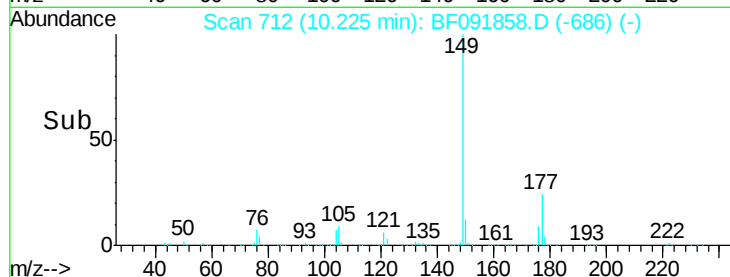
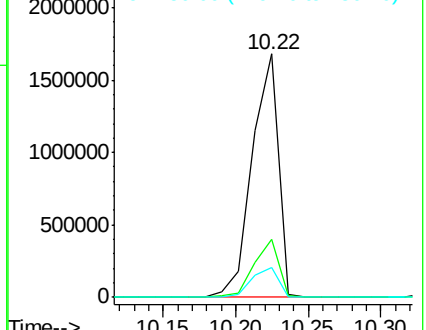
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.02 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

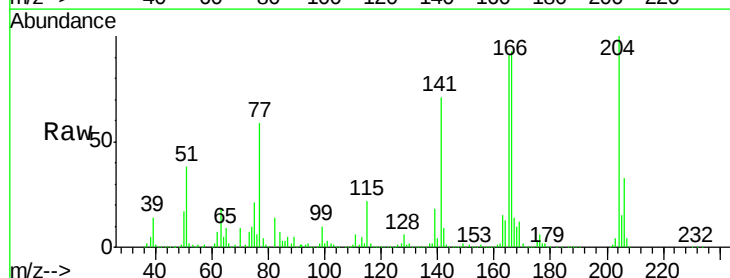
Tgt Ion:204 Resp: 730527

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

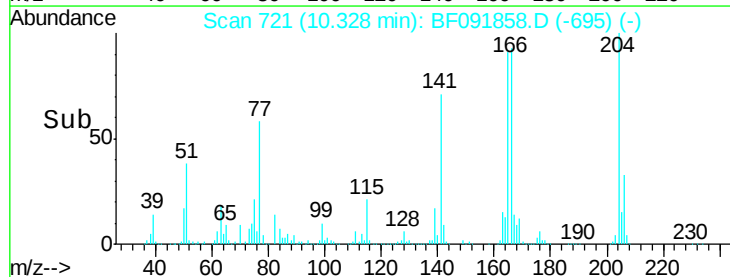
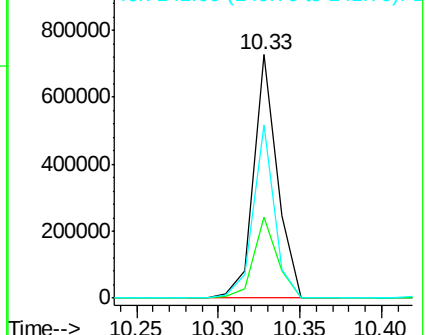
141 71.0 59.4 89.0

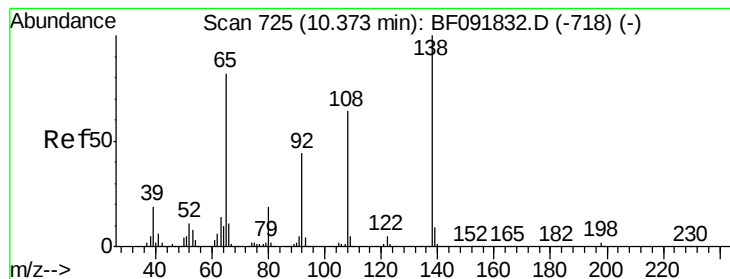


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.42 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

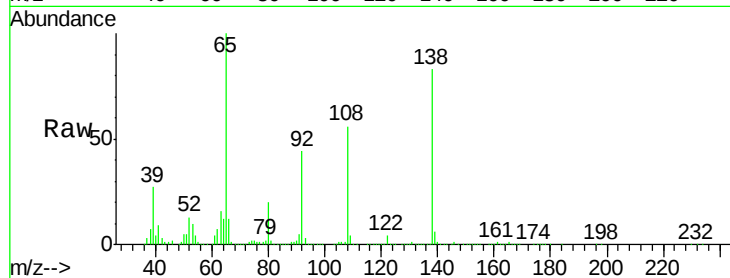
Tgt Ion: 138 Resp: 556003

Ion Ratio Lower Upper

138 100

92 53.7 31.7 71.7

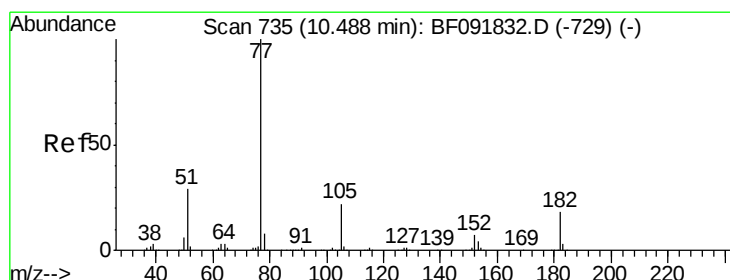
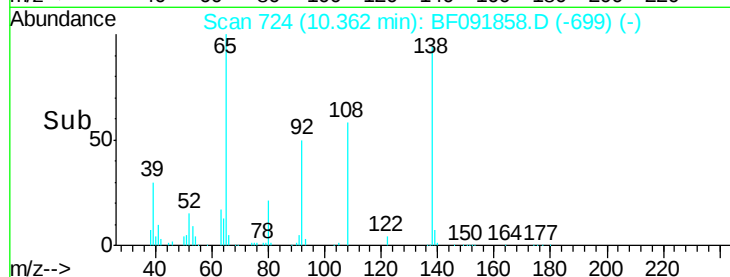
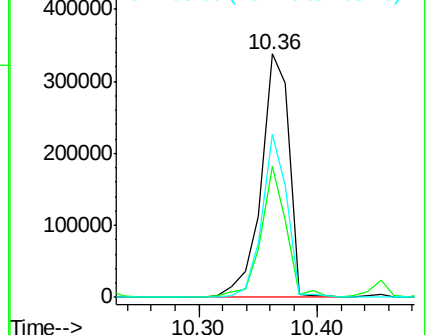
108 67.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.72 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion: 77 Resp: 2314462

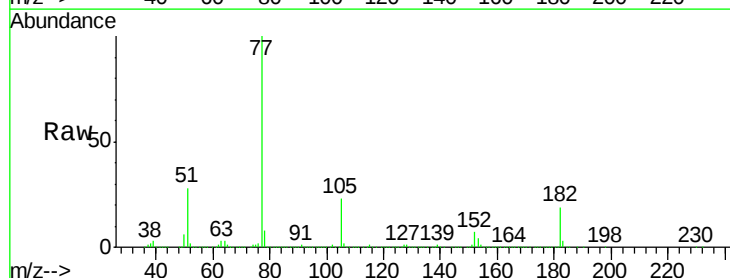
Ion Ratio Lower Upper

77 100

182 19.2 0.0 39.3

105 23.3 2.3 42.3

51 28.2 8.9 48.9

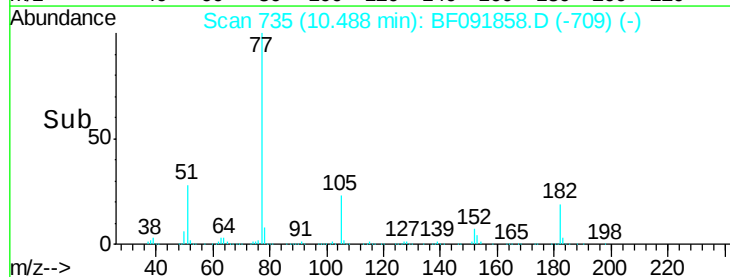
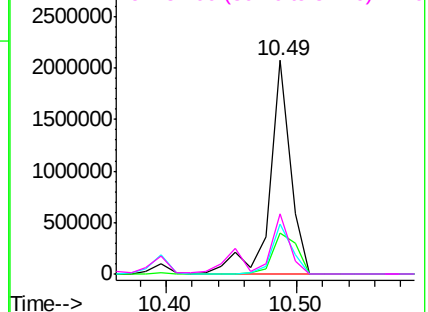


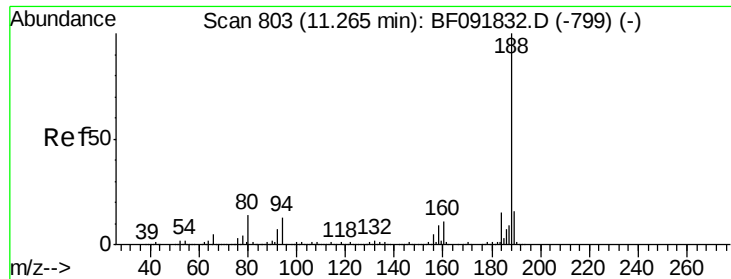
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

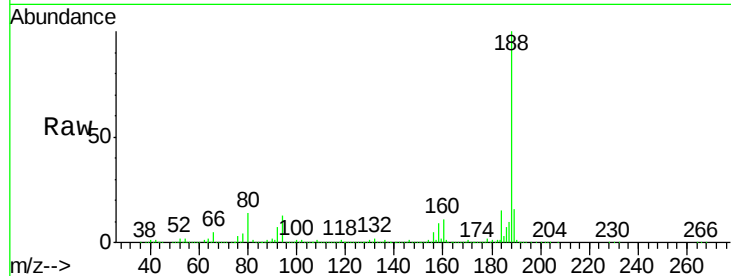
Tgt Ion:188 Resp: 1028974

Ion Ratio Lower Upper

188 100

94 13.3 10.0 15.0

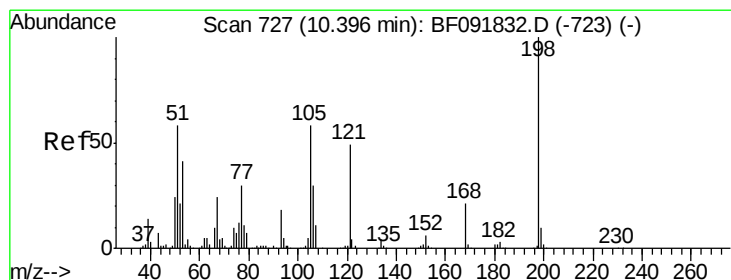
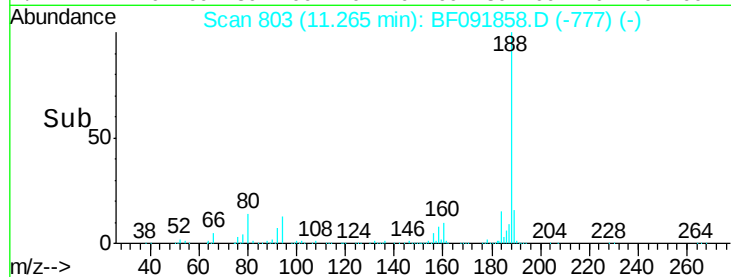
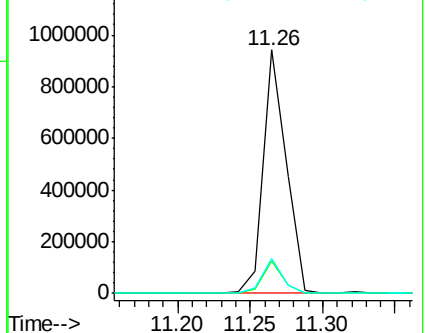
80 14.1 11.2 16.8



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: 52.61 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

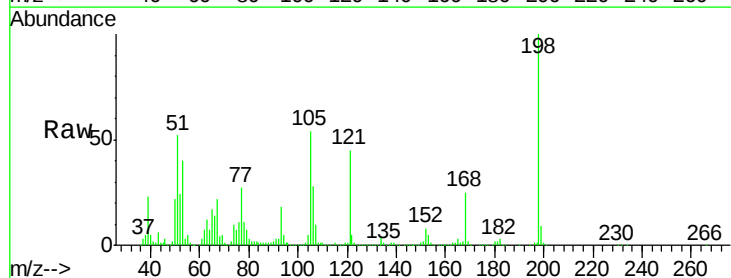
Tgt Ion:198 Resp: 327331

Ion Ratio Lower Upper

198 100

51 51.6 6.7 46.7#

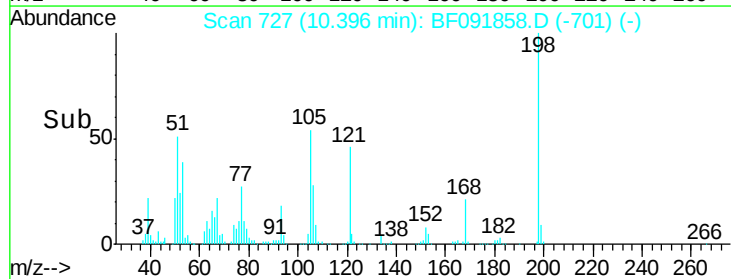
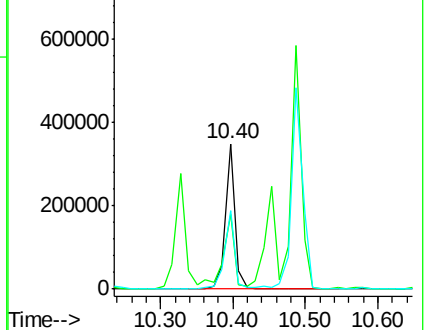
105 54.1 16.6 56.6

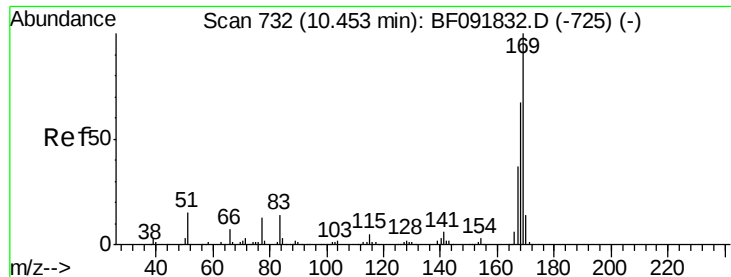


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.27 ng

RT: 10.45 min Scan# 732

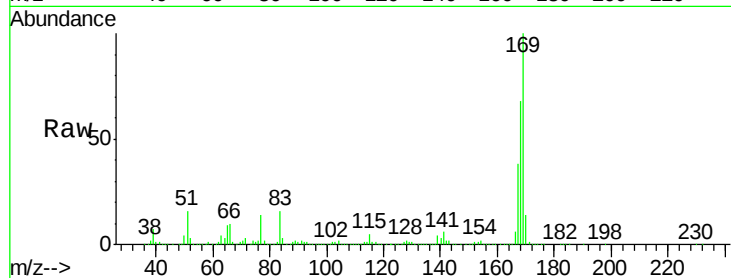
Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:169 Resp: 1626560

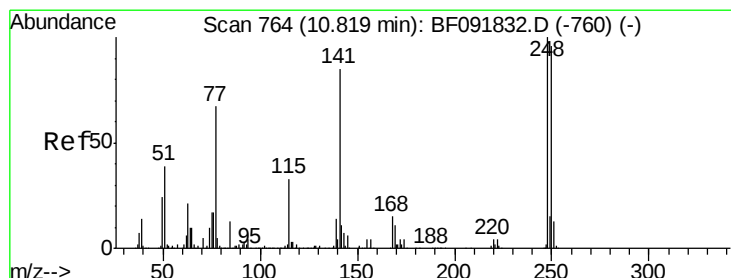
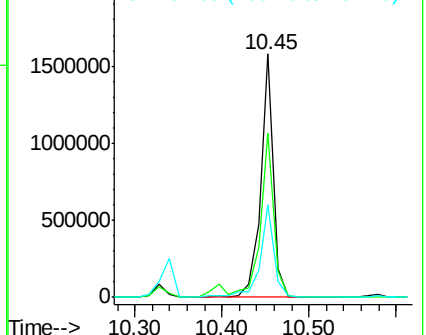
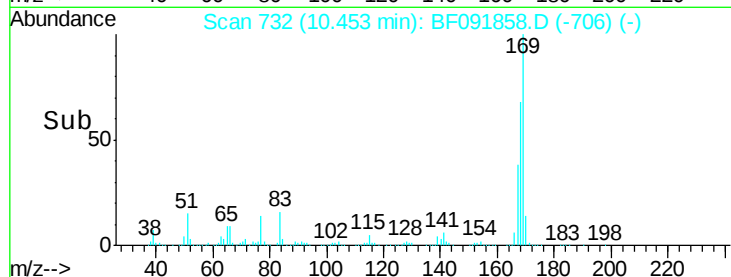
Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.2
167	38.1	30.2	45.4



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: 50.63 ng

RT: 10.82 min Scan# 764

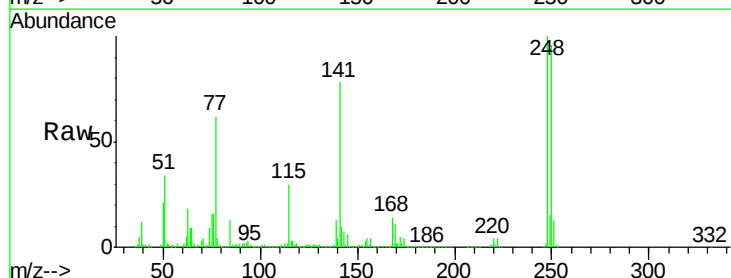
Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

Tgt Ion:248 Resp: 541959

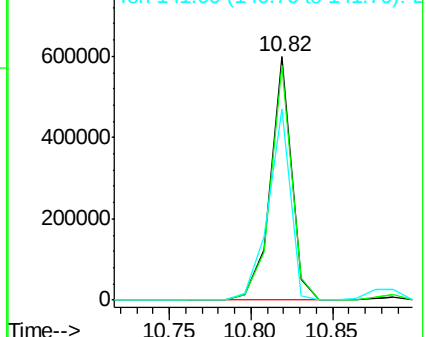
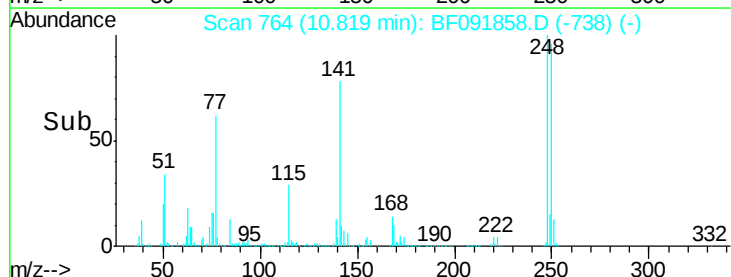
Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	78.4	68.2	102.4

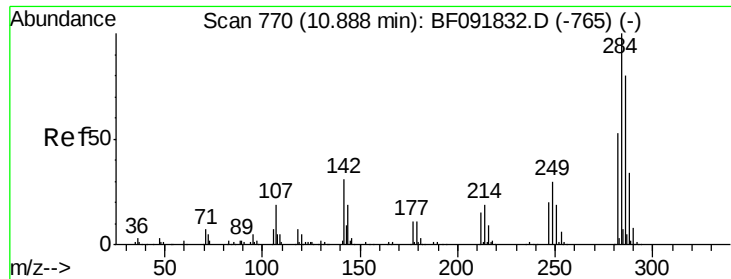


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

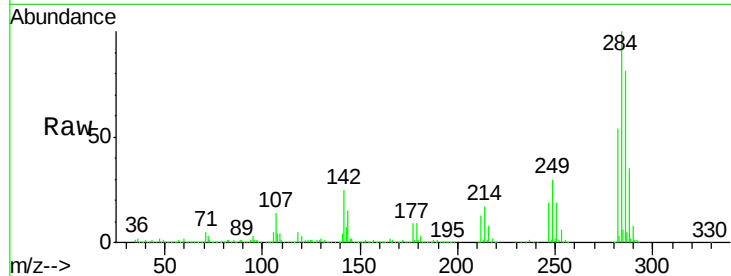
Ion 141.00 (140.70 to 141.70): E



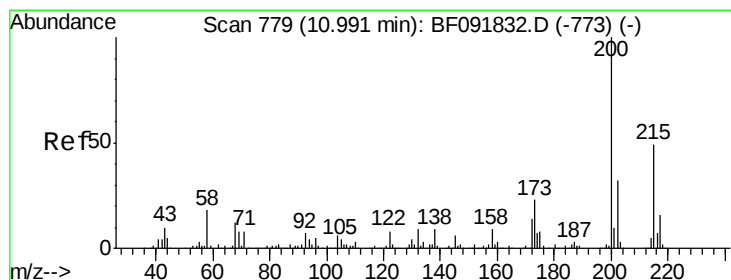
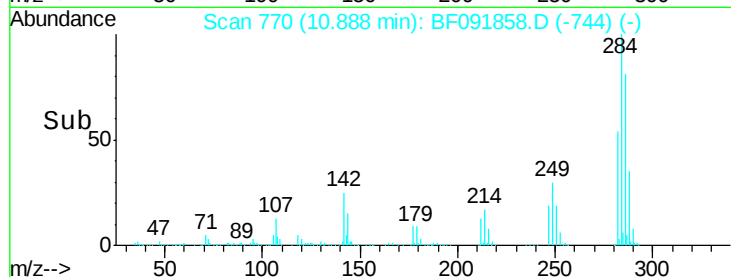
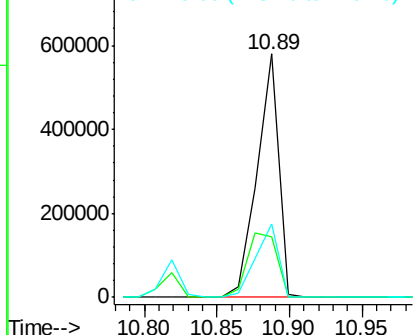


#67
Hexachlorobenzene
Concen: 52.60 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	22.6	33.8
249	30.2	25.4	38.0

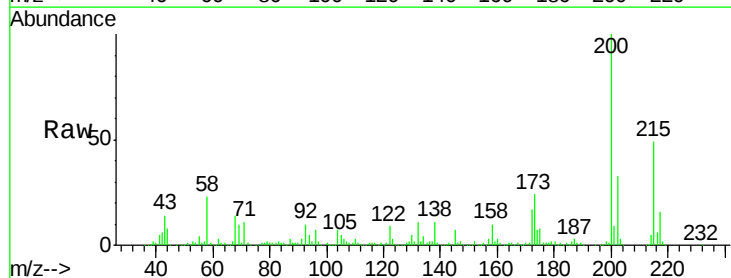


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

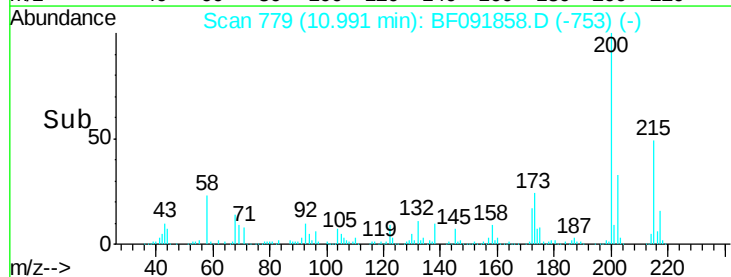
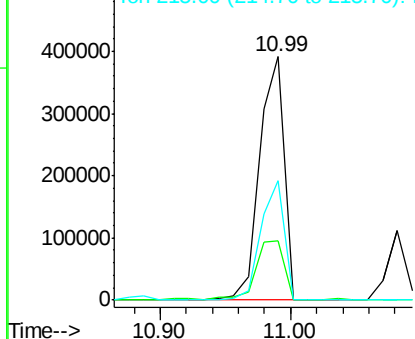


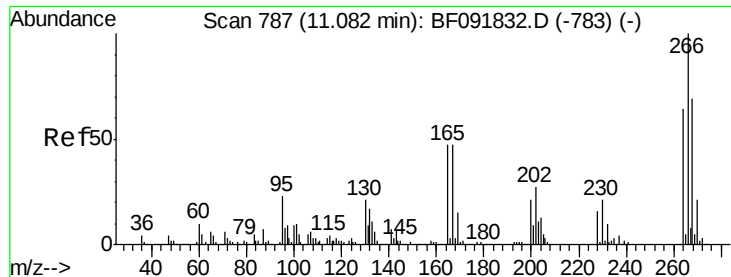
#68
Atrazine
Concen: 52.08 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	9.6	49.6
215	49.0	25.7	65.7



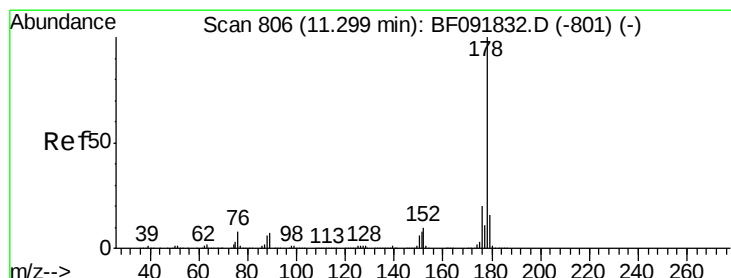
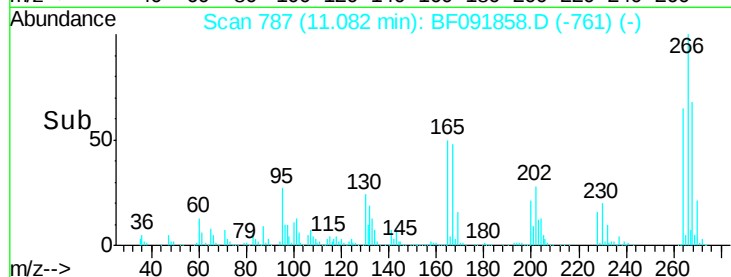
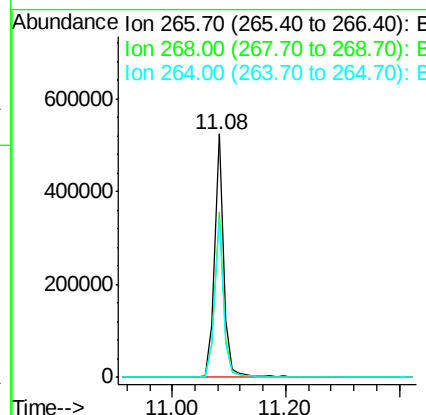
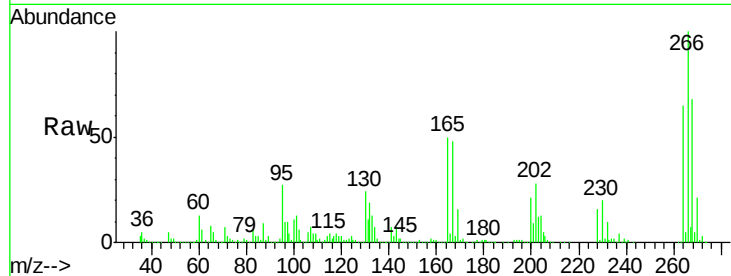
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





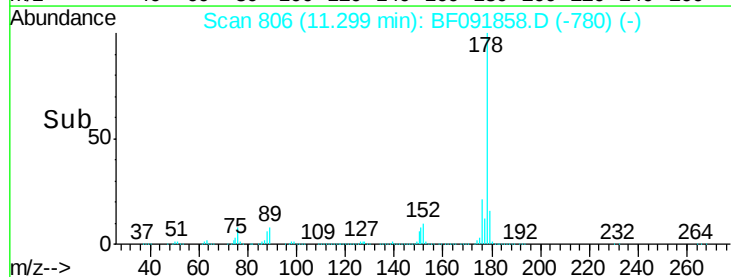
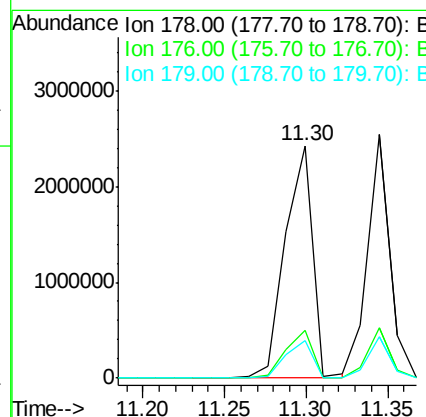
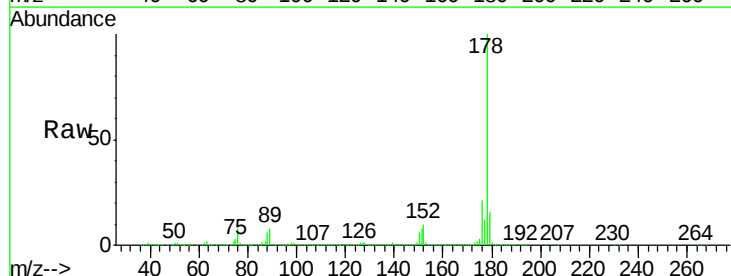
#69
 Pentachlorophenol
 Concen: 101.21 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

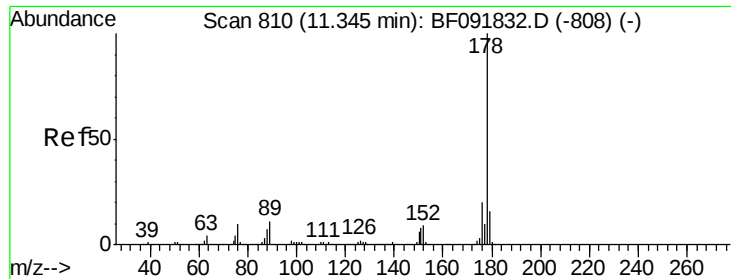
Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	53.3	79.9
264	65.4	50.3	75.5



#70
 Phenanthrene
 Concen: 51.31 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.2	12.8	19.2

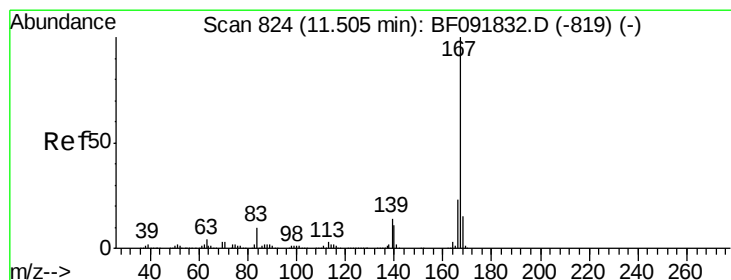
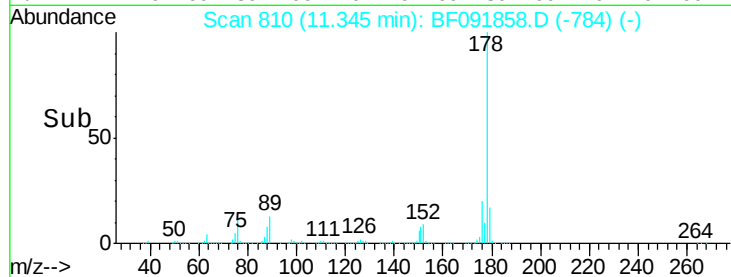
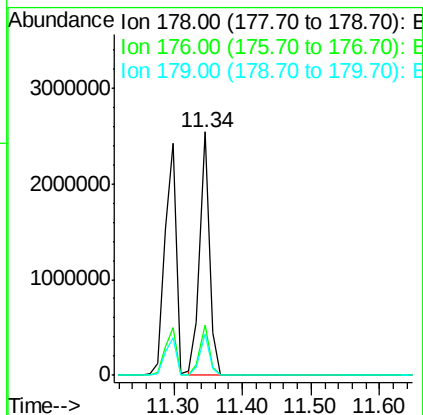
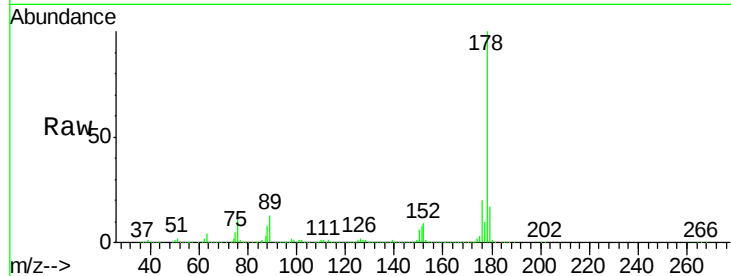




#71
 Anthracene
 Concen: 52.46 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:178 Resp: 2448444

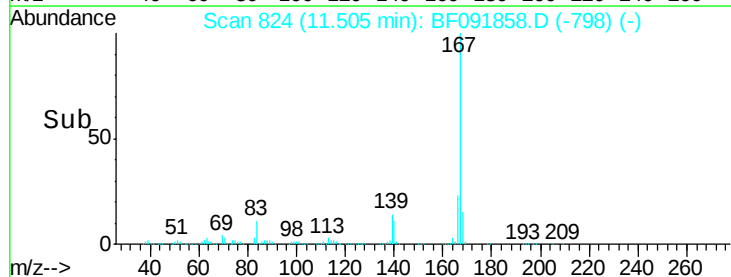
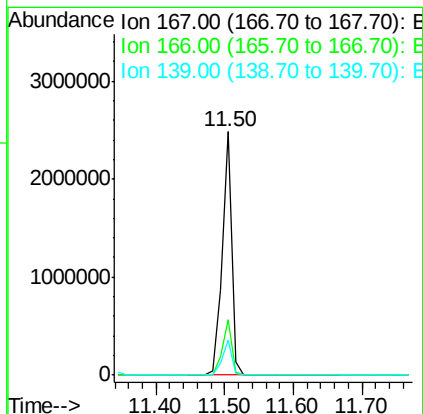
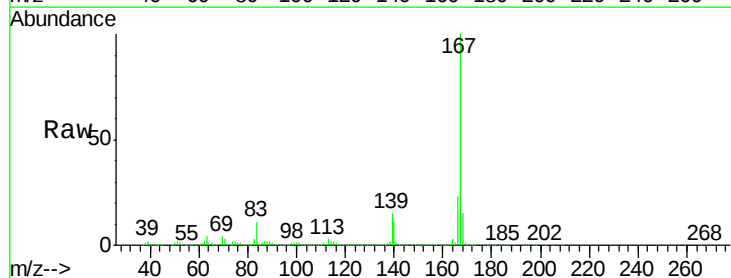
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	17.0	13.2	19.8



#72
 Carbazole
 Concen: Below Cal
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:167 Resp: 2440383

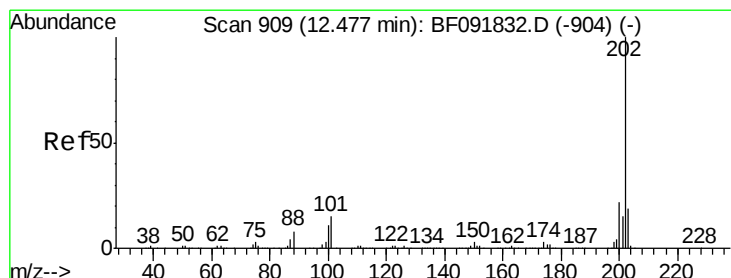
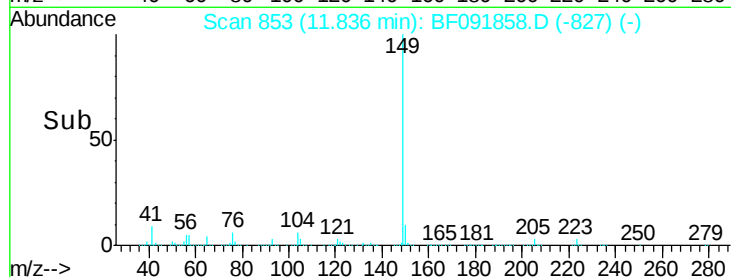
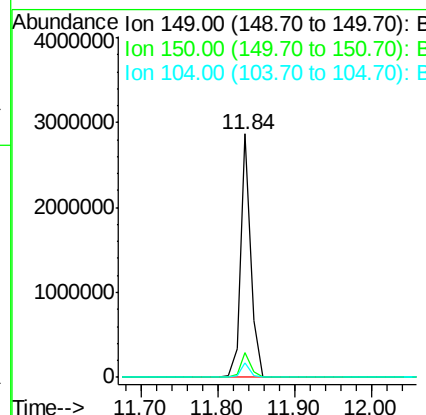
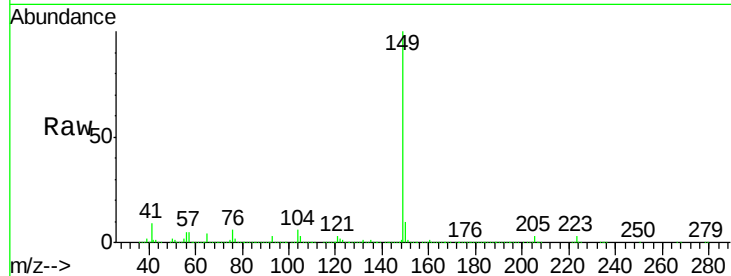
Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.2
139	14.5	11.4	17.2





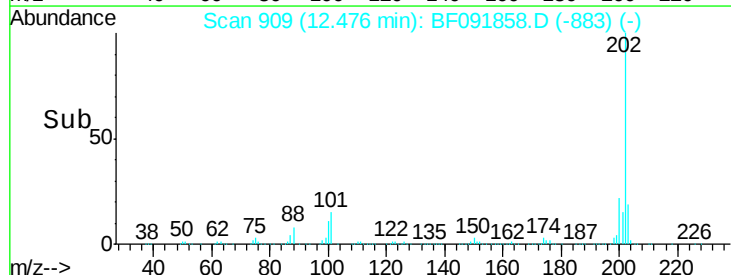
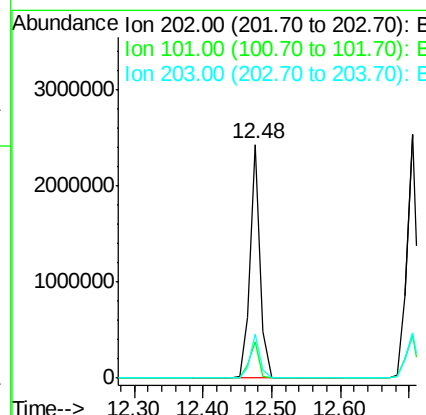
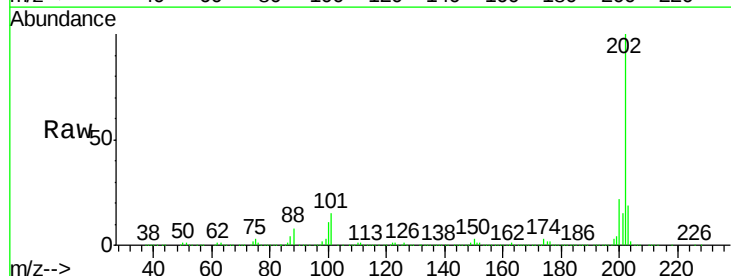
#73
Di-n-butylphthalate
Concen: 51.16 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

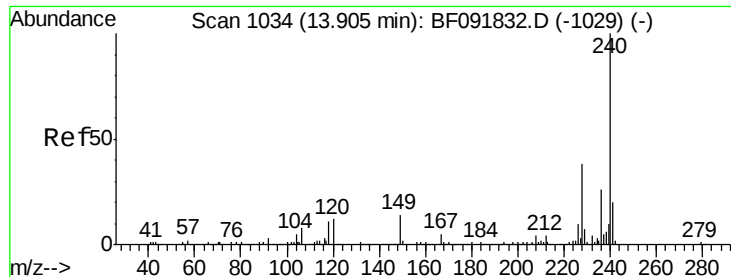
Tgt Ion:149 Resp: 2675112
Ion Ratio Lower Upper
149 100
150 10.3 8.1 12.1
104 5.7 4.6 7.0



#74
Fluoranthene
Concen: 51.26 ng
RT: 12.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:202 Resp: 2483270
Ion Ratio Lower Upper
202 100
101 15.5 0.0 34.6
203 18.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

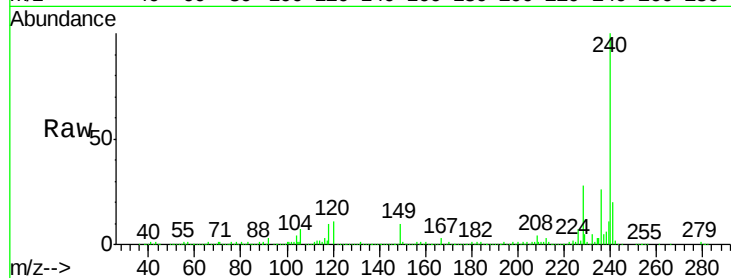
RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

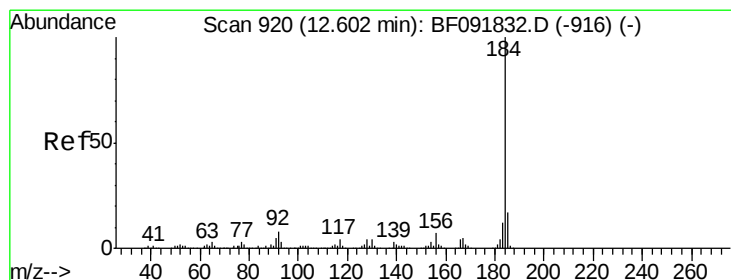
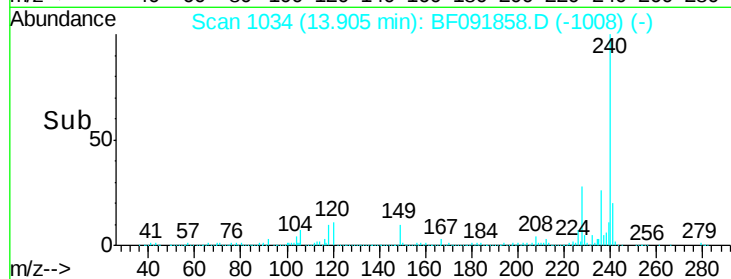
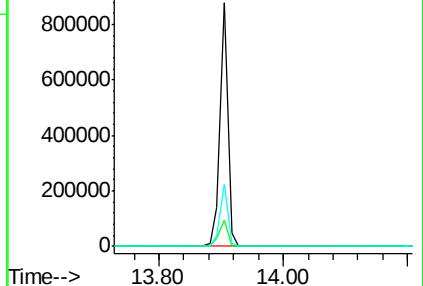
Tgt Ion:	240	Resp:	752055
Ion Ratio		Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	25.6	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.83 ng

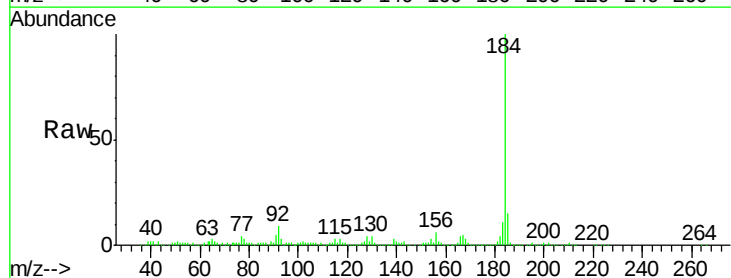
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

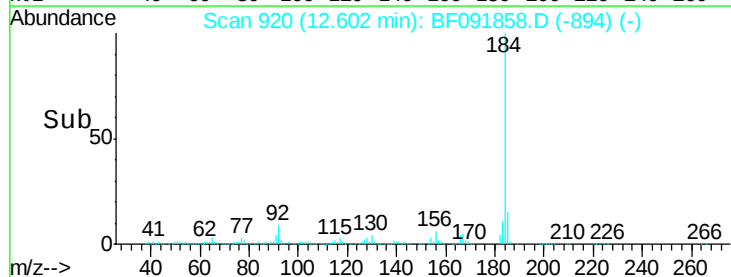
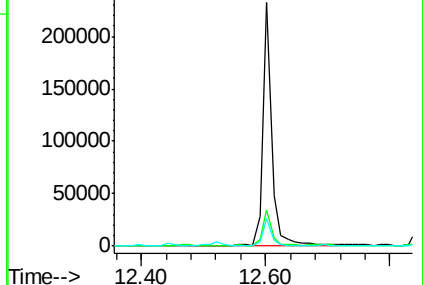
Tgt Ion:	184	Resp:	235037
Ion Ratio		Lower	Upper
184	100		
185	15.0	13.4	20.0
183	11.3	9.2	13.8

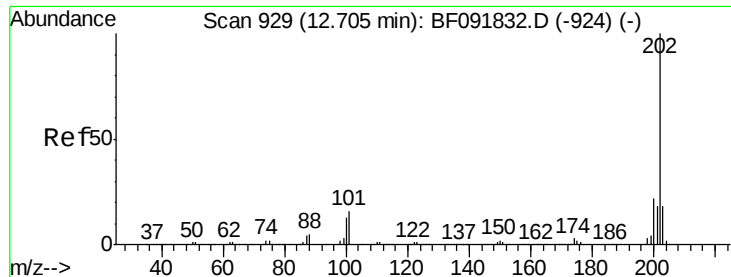


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

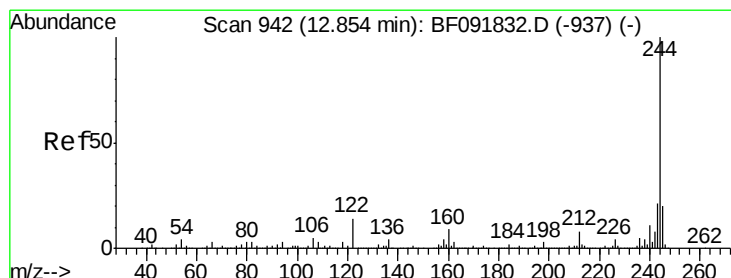
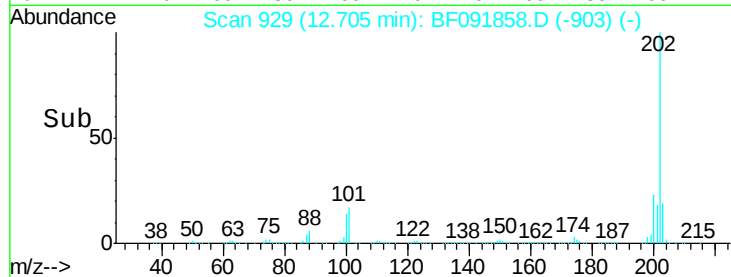
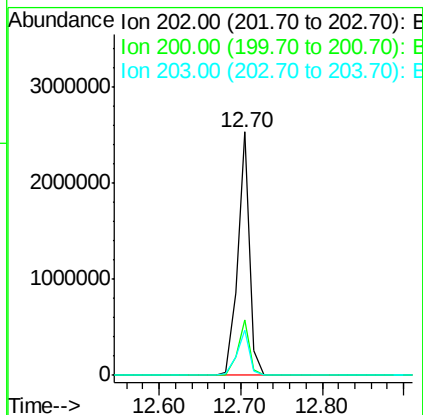
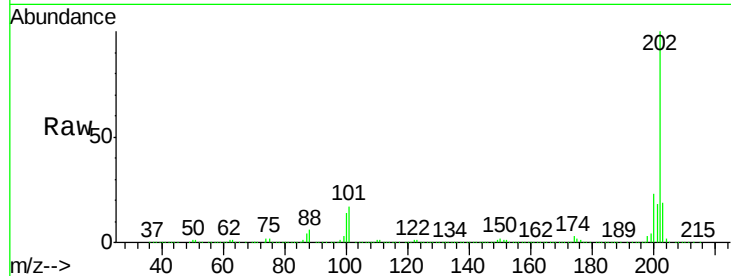




#77
 Pyrene
 Concen: 46.04 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion: 202 Resp: 2540423

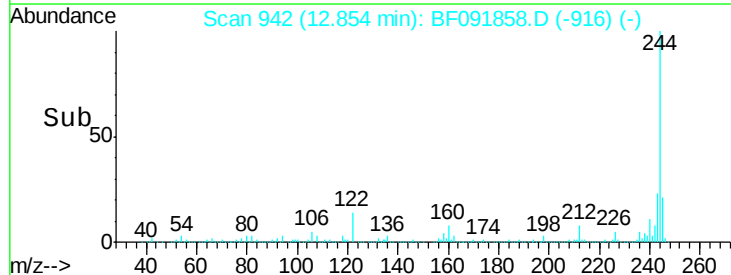
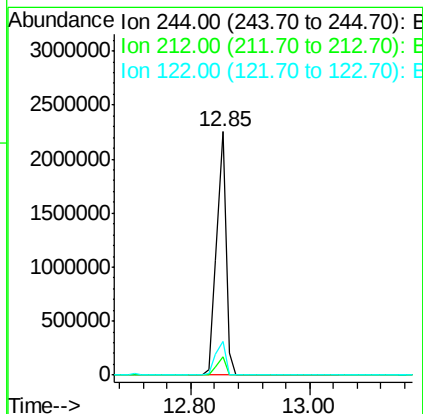
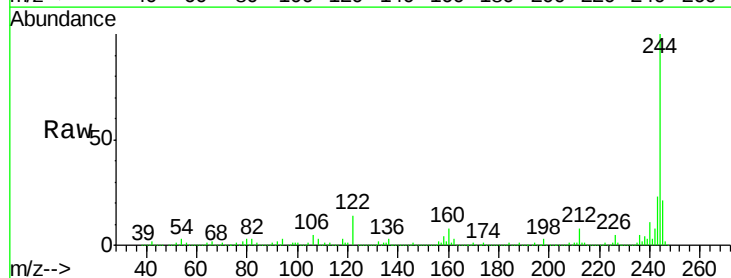
Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	18.6	14.7	22.1

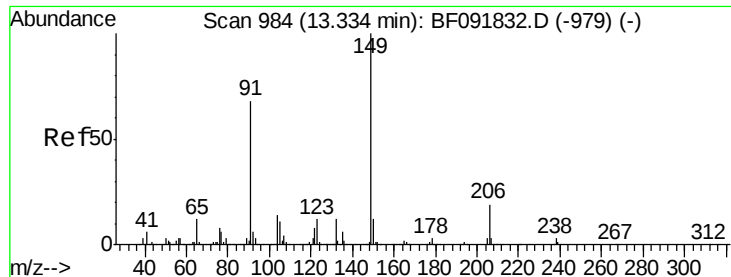


#78
 Terphenyl-d14
 Concen: 79.72 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion: 244 Resp: 2472085

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.8	11.4	17.2





#79

Butylbenzylphthalate

Concen: 54.12 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

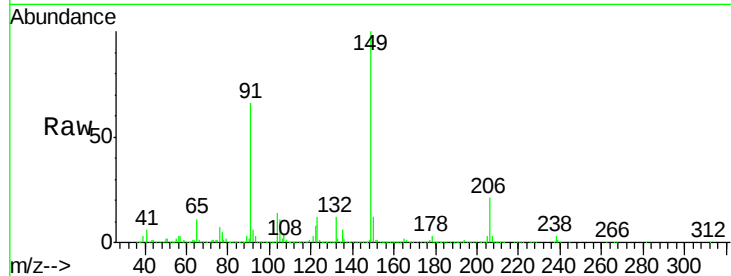
Tgt Ion:149 Resp: 1358188

Ion Ratio Lower Upper

149 100

91 66.4 63.9 95.9

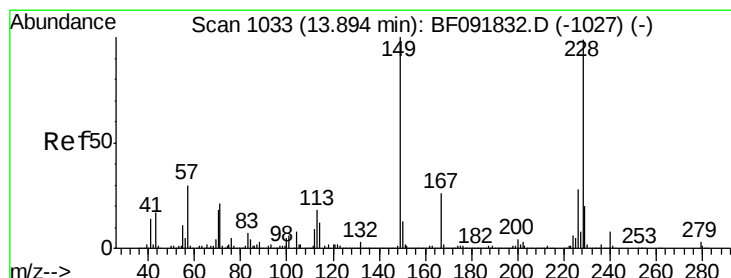
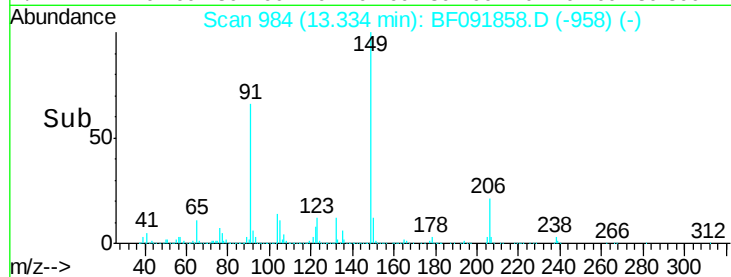
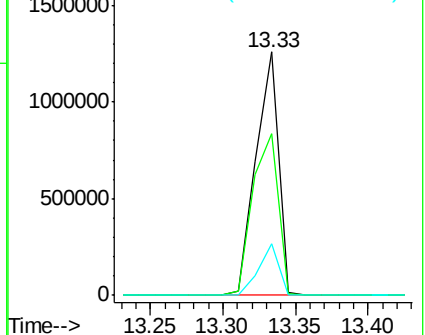
206 21.0 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.24 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091858.D

Acq: 22 Dec 2016 2:34

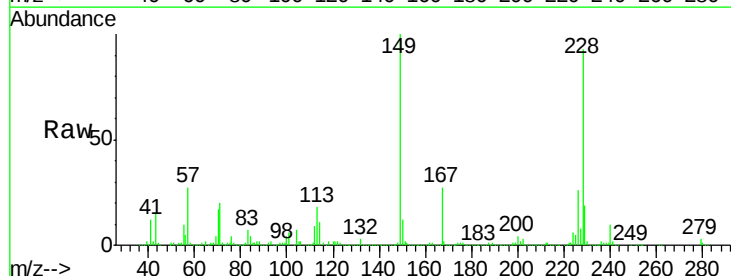
Tgt Ion:228 Resp: 1878026

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

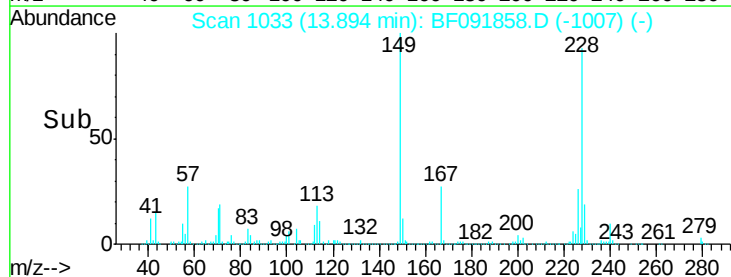
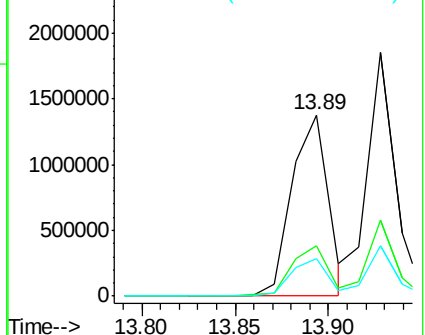
229 20.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

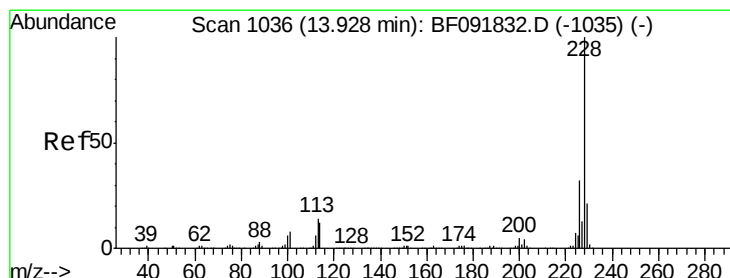
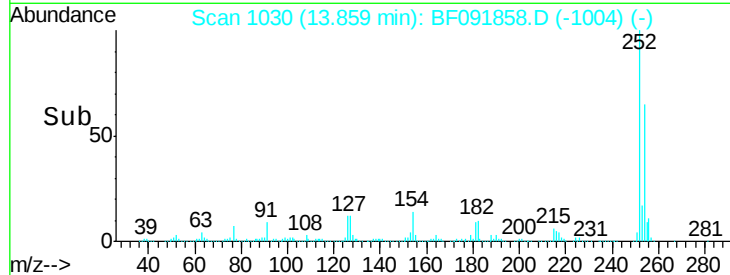
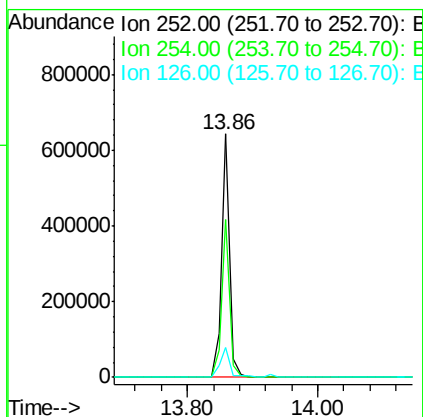
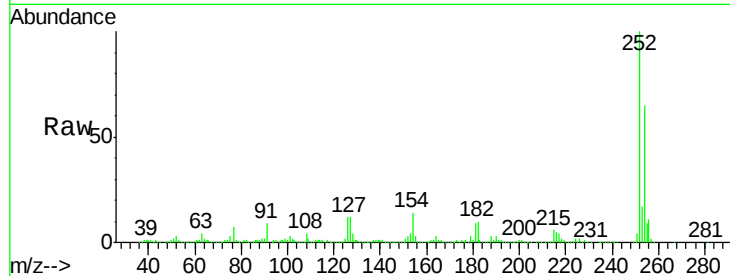
Ion 229.00 (228.70 to 229.70): E





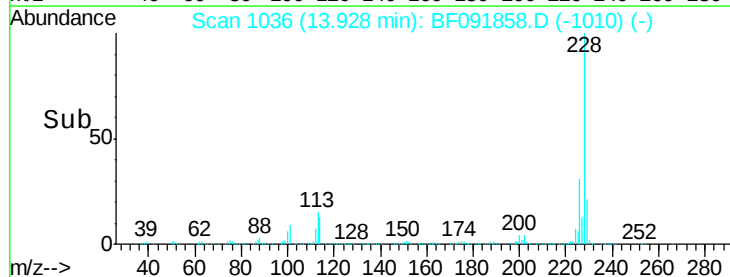
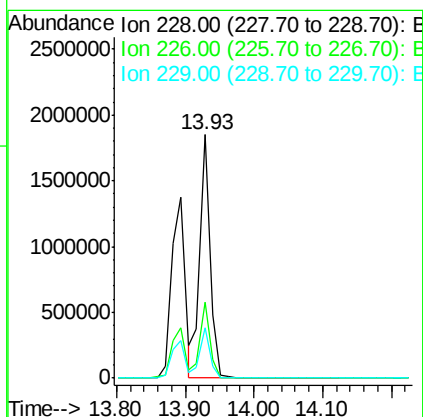
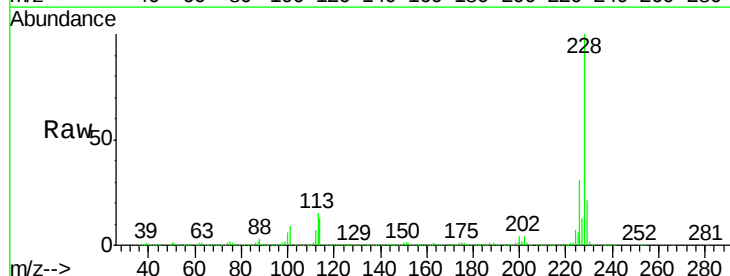
#81
 3,3'-Dichlorobenzidine
 Concen: 35.42 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

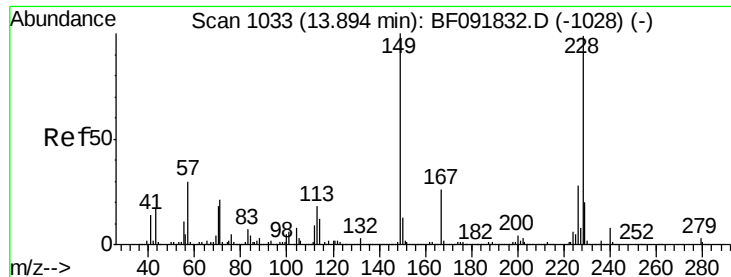
Tgt Ion: 252 Resp: 570136
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.3 78.5
 126 12.2 13.6 20.4#



#82
 Chrysene
 Concen: 44.49 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

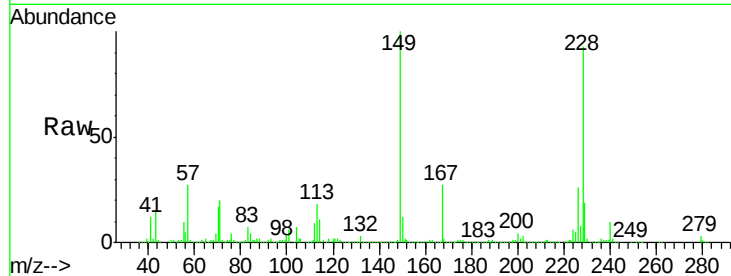
Tgt Ion: 228 Resp: 1894576
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 20.7 16.2 24.2



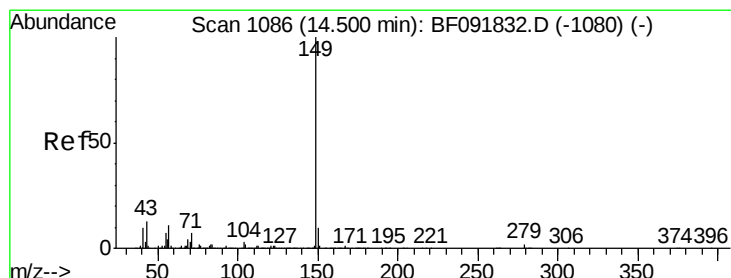
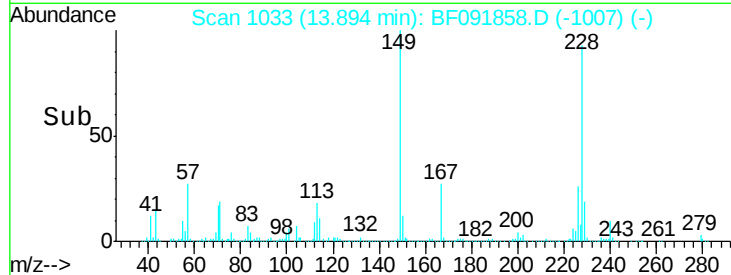
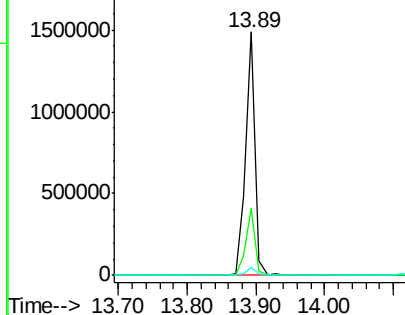


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.53 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:	149	Resp:	1434229
Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.2	30.4
279	3.2	1.8	2.8#

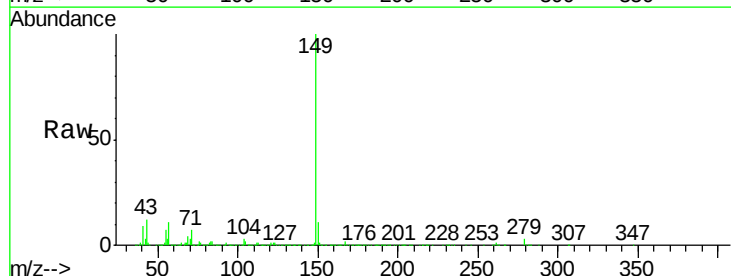


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

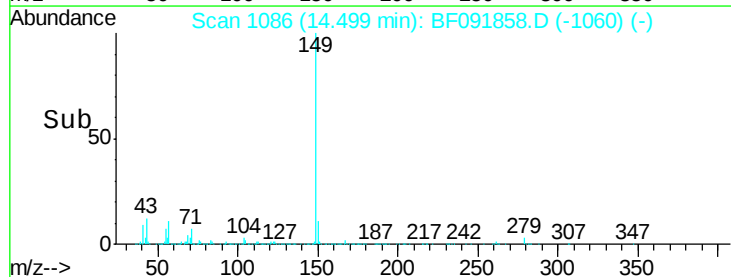
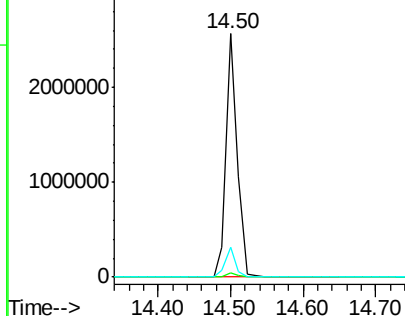


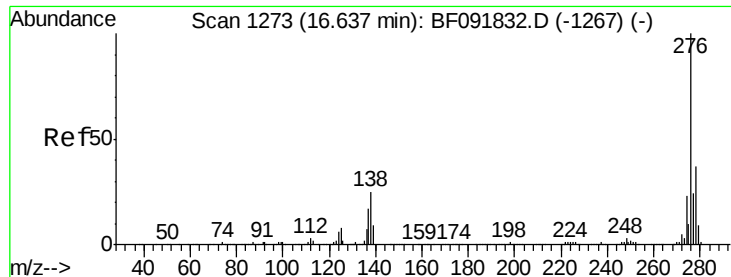
#84
 Di-n-octyl phthalate
 Concen: 49.98 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion:	149	Resp:	2736539
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.8	8.9	13.3



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

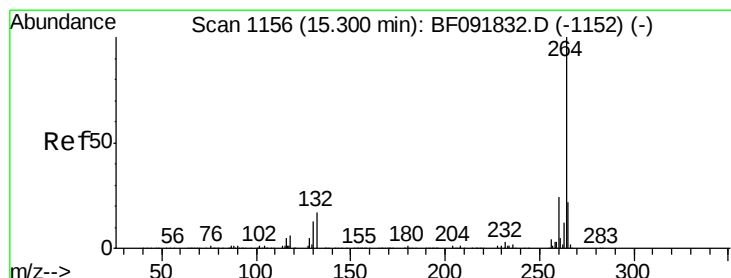
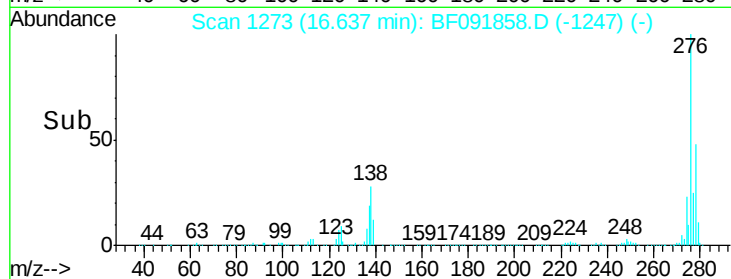
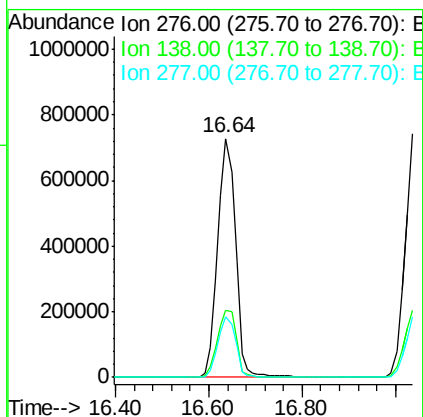
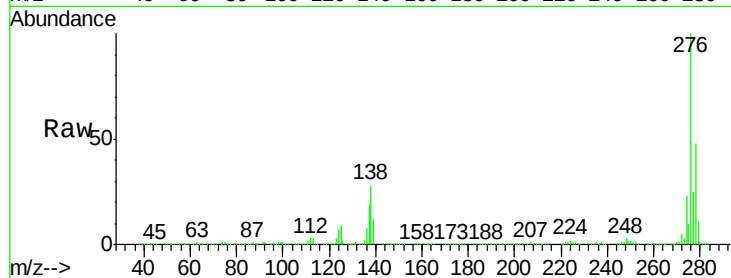




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.59 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion: 276 Resp: 1939931

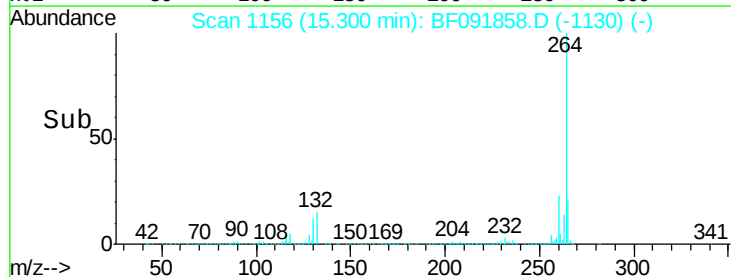
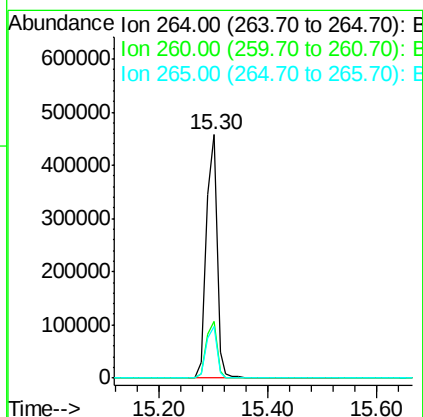
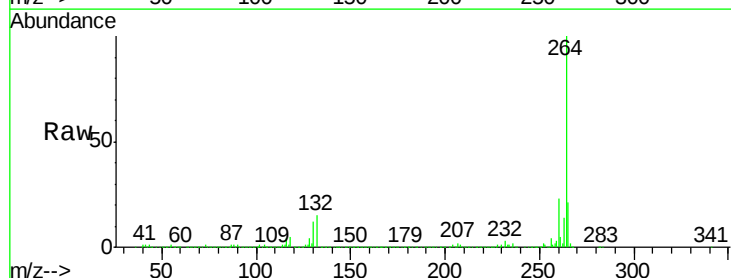
Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.8	32.6
277	25.4	20.2	30.4

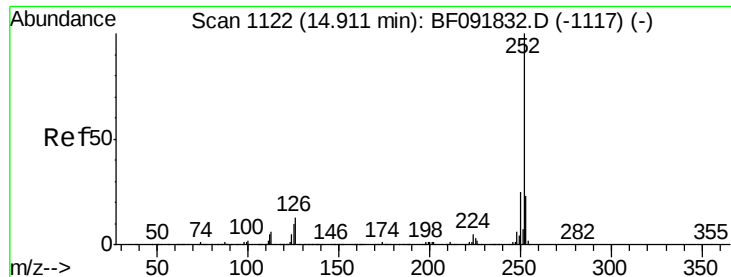


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion: 264 Resp: 622336

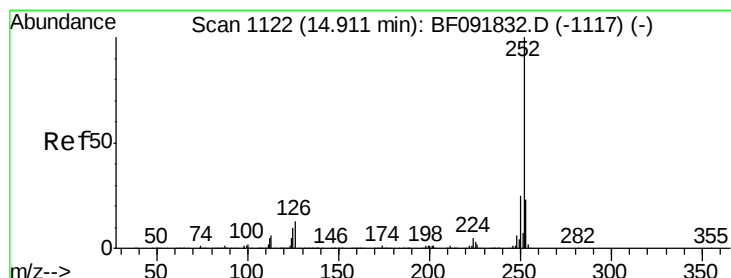
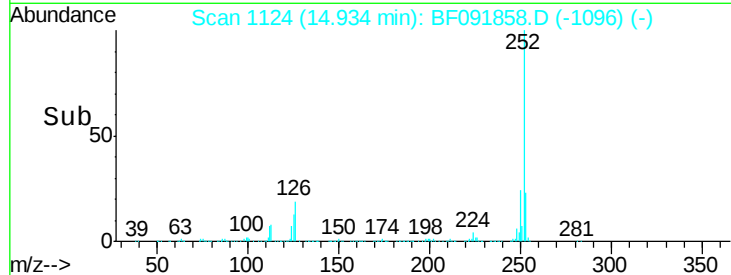
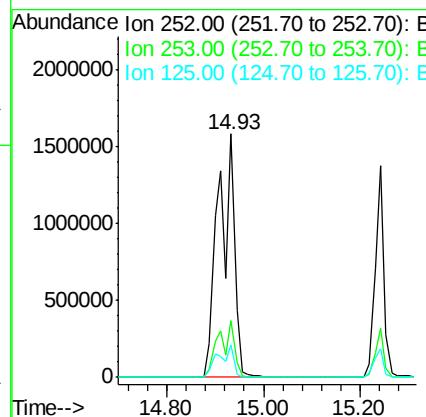
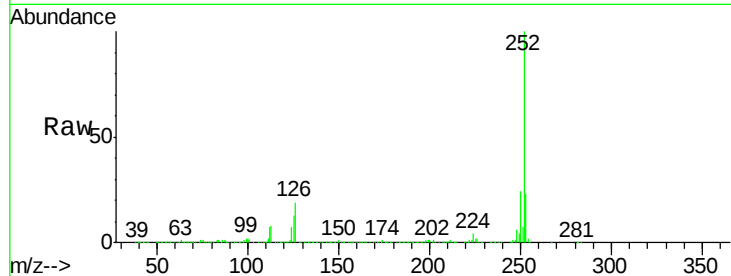
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.4	26.0





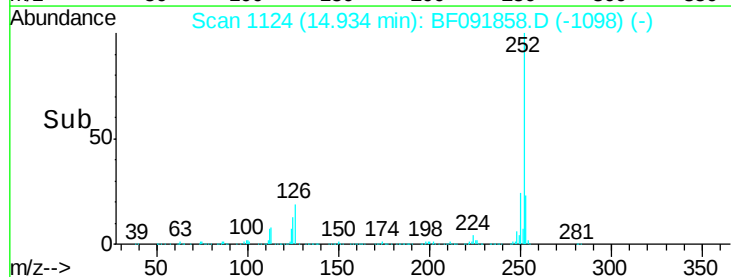
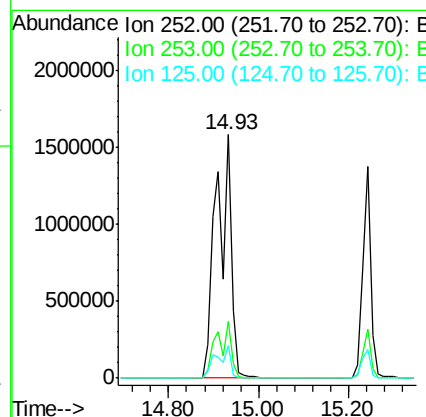
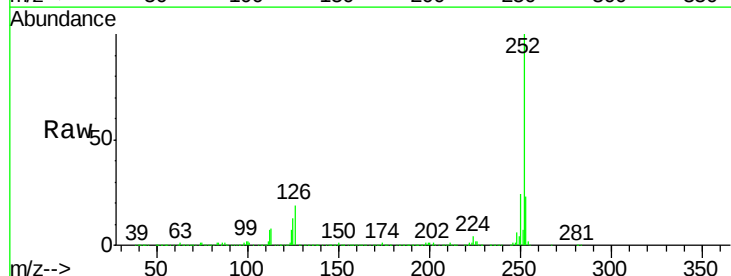
#87
Benzo(b)fluoranthene
Concen: 95.53 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:252 Resp: 3701507
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 13.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 112.08 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion:252 Resp: 3703144
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 13.2 8.9 13.3

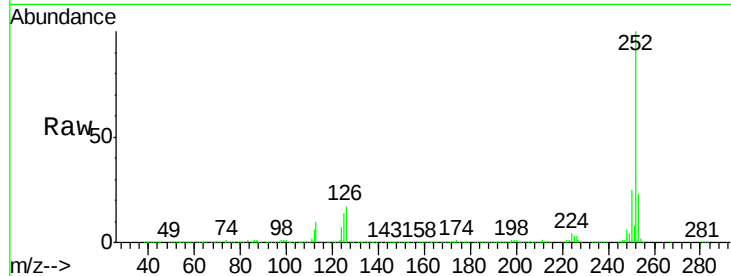




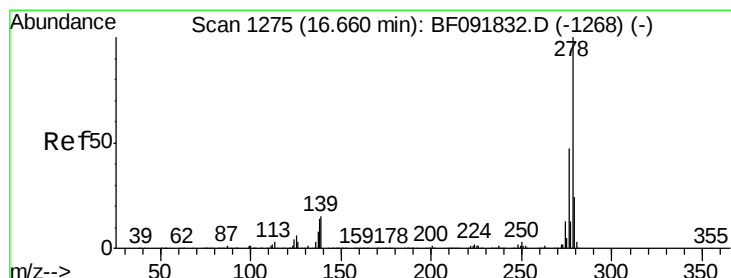
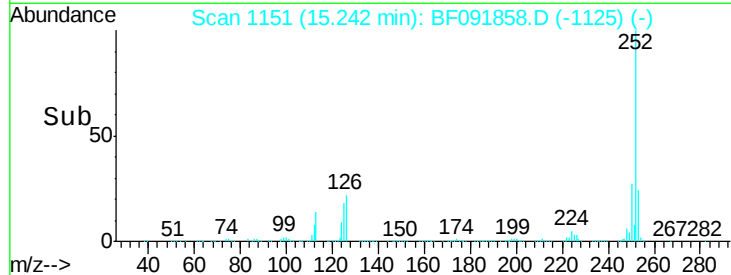
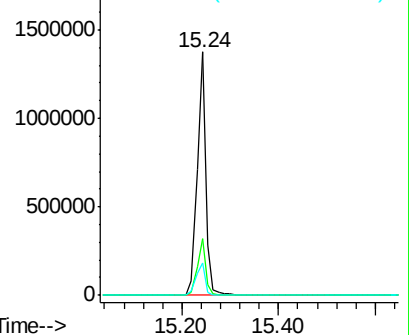
#89
Benzo(a)pyrene
Concen: 50.59 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

Tgt Ion: 252 Resp: 1739851

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	13.5	10.0	15.0



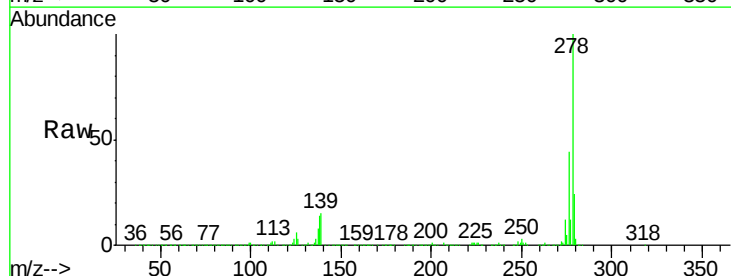
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



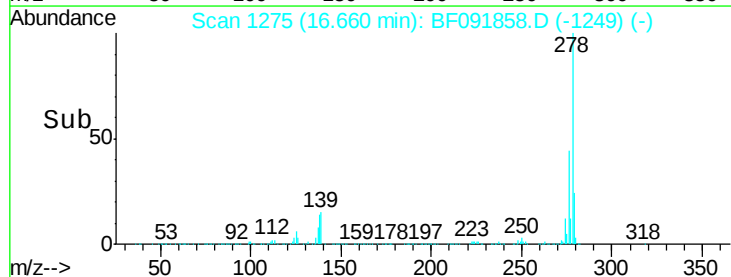
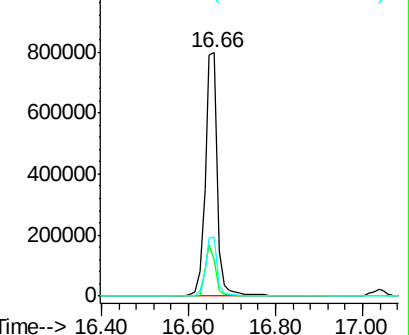
#90
Dibenzo(a,h)anthracene
Concen: 56.03 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF091858.D
Acq: 22 Dec 2016 2:34

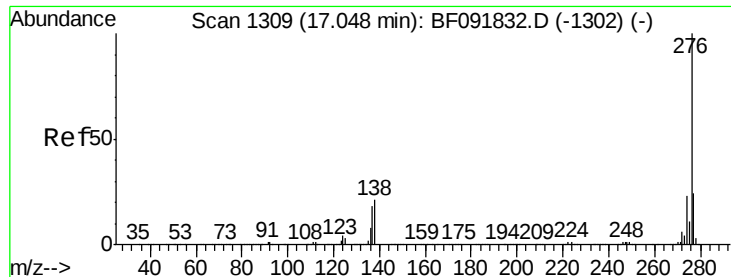
Tgt Ion: 278 Resp: 1583625

Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.8	22.2
279	24.3	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 57.85 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091858.D
 Acq: 22 Dec 2016 2:34

Tgt Ion: 276 Resp: 1700321
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.2 28.8
 138 27.7 16.0 24.0#

