

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091835.D
 Acq On : 21 Dec 2016 15:00
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 21 15:24:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 14:14:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	277045	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1136252	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	574846	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	920300	20.00	ng	0.01
75) Chrysene-d12	13.91	240	527377	20.00	ng	0.00
86) Perylene-d12	15.30	264	531996	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	2259588	136.65	ng	0.01
7) Phenol-d6	6.42	99	2714748	134.61	ng	0.01
23) Nitrobenzene-d5	7.33	82	2648095	134.40	ng	0.01
41) 2,4,6-Tribromophenol	10.59	330	669628	137.37	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	4125551	144.18	ng	0.01
78) Terphenyl-d14	12.86	244	3354390	160.60	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	617873	75.87	ng	99
3) Pyridine	2.99	79	2228626	84.95	ng	96
4) n-Nitrosodimethylamine	2.97	42	863676	85.06	ng	98
6) Aniline	6.43	93	1753218	67.56	ng	94
8) 2-Chlorophenol	6.54	128	1212047	66.59	ng	97
9) Benzaldehyde	6.29	77	651326	52.07	ng	97
10) Phenol	6.43	94	1589438	69.92	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	1244388	68.54	ng	99
12) 1,3-Dichlorobenzene	6.93	146	1201494	60.11	ng	99
13) 1,4-Dichlorobenzene	6.77	146	1400475	69.24	ng	98
14) 1,2-Dichlorobenzene	6.93	146	1202552	67.88	ng	96
15) Benzyl Alcohol	6.91	79	1030726	66.01	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1940582	69.95	ng	94
17) 2-Methylphenol	7.04	107	1070035	70.35	ng	# 87
18) Hexachloroethane	7.26	117	534038	71.07	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	881200	65.69	ng	98
20) 3+4-Methylphenols	7.20	107	1289090	75.98	ng	# 71
22) Acetophenone	7.18	105	1943030	70.82	ng	98
24) Nitrobenzene	7.36	77	1627249	76.91	ng	# 85
25) Isophorone	7.60	82	2745700	73.04	ng	98
26) 2-Nitrophenol	7.66	139	811167	79.47	ng	93
27) 2,4-Dimethylphenol	7.71	122	1157617	69.52	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	1480087	67.29	ng	99
29) 2,4-Dichlorophenol	7.92	162	1069117	69.62	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	1073188	64.48	ng	# 96
31) Naphthalene	8.06	128	3263942	60.13	ng	98
32) Benzoic acid	7.89	122	1006183	84.79	ng	99
33) 4-Chloroaniline	8.12	127	1649605	72.14	ng	99
34) Hexachlorobutadiene	8.18	225	595619	63.65	ng	99
35) Caprolactam	8.53	113	297275	60.16	ng	# 67
36) 4-Chloro-3-methylphenol	8.62	107	1250384	73.81	ng	88
37) 2-Methylnaphthalene	8.75	142	2345162	68.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	896685	62.58	ng	# 97
40) Hexachlorocyclopentadiene	8.91	237	472244	77.76	ng	97

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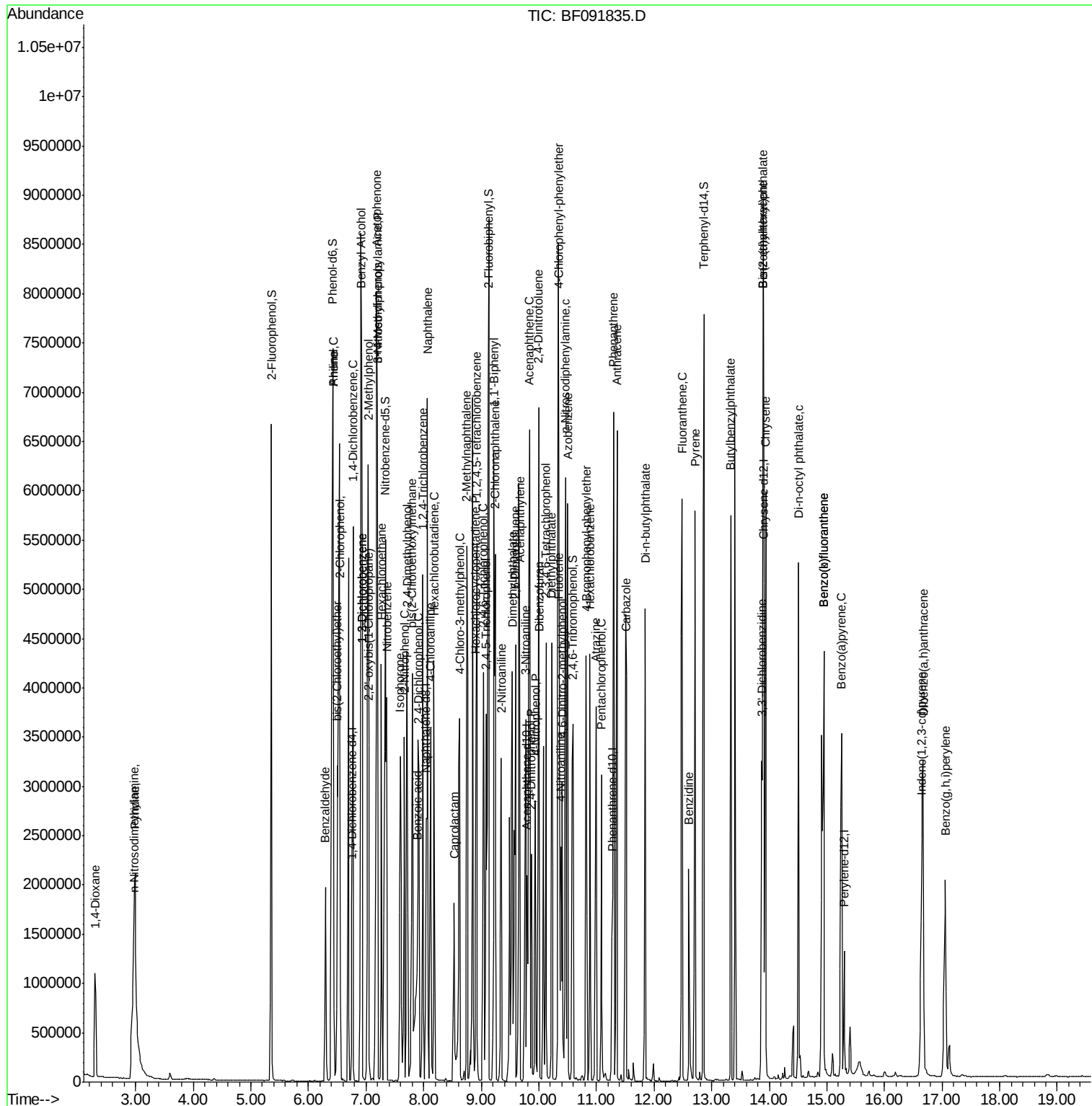
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

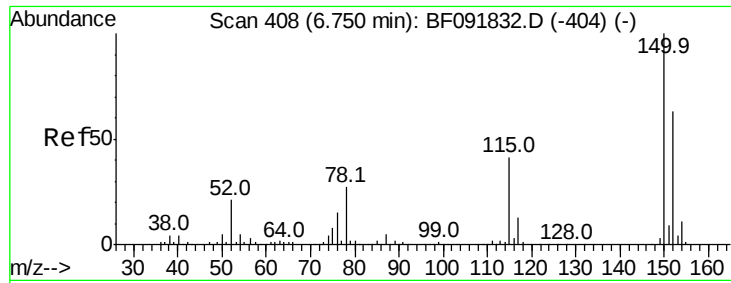
42) 2,4,6-Trichlorophenol	9.04	196	705733	68.93	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	700789	69.68	nq	97
45) 1,1'-Biphenyl	9.22	154	2536507	61.56	nq	97
46) 2-Chloronaphthalene	9.24	162	1981634	64.36	nq	94
47) 2-Nitroaniline	9.34	65	715745	68.08	nq	99
48) Acenaphthylene	9.66	152	3347337	70.16	nq	100
49) Dimethylphthalate	9.54	163	2588048	68.92	nq	98
50) 2,6-Dinitrotoluene	9.60	165	580892	70.56	nq	# 81
51) Acenaphthene	9.84	154	2272970	69.42	nq	99
52) 3-Nitroaniline	9.77	138	746472	72.83	nq	95
53) 2,4-Dinitrophenol	9.87	184	387327	87.09	nq	# 78
54) Dibenzofuran	10.01	168	2758693	70.85	nq	93
55) 4-Nitrophenol	9.94	139	473272	66.49	nq	98
56) 2,4-Dinitrotoluene	10.00	165	600947	58.43	nq	# 77
57) Fluorene	10.35	166	2051323	67.83	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	513943	61.81	nq	96
59) Diethylphthalate	10.22	149	2291689	62.09	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	975444	70.81	nq	91
61) 4-Nitroaniline	10.38	138	677690	69.78	nq	99
62) Azobenzene	10.50	77	2826128	71.96	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	412188	67.91	nq	# 51
65) n-Nitrosodiphenylamine	10.46	169	2014855	70.51	nq	100
66) 4-Bromophenyl-phenylether	10.82	248	652162	67.58	nq	92
67) Hexachlorobenzene	10.89	284	642013	63.49	nq	# 84
68) Atrazine	10.99	200	467085	54.08	nq	98
69) Pentachlorophenol	11.08	266	366504	67.16	nq	98
70) Phenanthrene	11.30	178	2828490	61.51	nq	99
71) Anthracene	11.36	178	3373210	69.26	nq	99
72) Carbazole	11.52	167	3119736	73.25	nq	98
73) Di-n-butylphthalate	11.85	149	3665713	67.13	nq	98
74) Fluoranthene	12.49	202	3343940	69.62	nq	95
76) Benzydine	12.60	184	924978	60.93	nq	# 94
77) Pyrene	12.72	202	3397106	89.20	nq	99
79) Butylbenzylphthalate	13.33	149	1371410	76.94	nq	99
80) Benzo(a)anthracene	13.89	228	2261440	74.97	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	873811	72.39	nq	# 95
82) Chrysene	13.94	228	2290263	73.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1595018	70.54	nq	99
84) Di-n-octyl phthalate	14.51	149	3138560	75.33	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	2143169	69.71	nq	100
87) Benzo(b)fluoranthene	14.95	252	4265462	126.44	nq	# 97
88) Benzo(k)fluoranthene	14.95	252	4265462	180.21	nq	99
89) Benzo(a)pyrene	15.25	252	2074358	71.65	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	1735201	68.75	nq	98
91) Benzo(g,h,i)perylene	17.06	276	1891488	73.74	nq	97

(#) = 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: BF091835.D

Acq: 21 Dec 2016 15:00

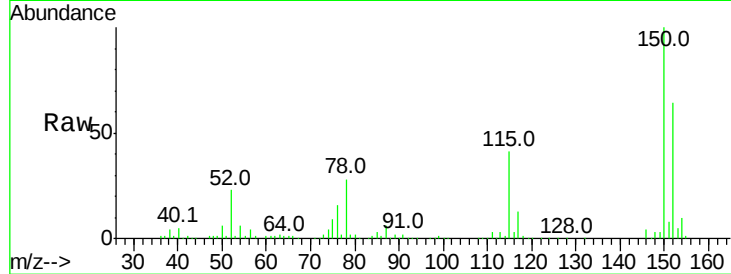
Tot Ion:152 Resp: 277045

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

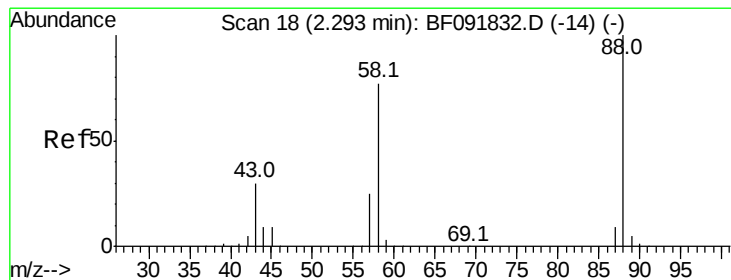
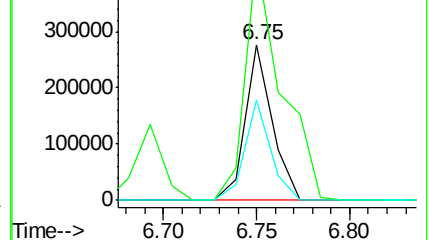
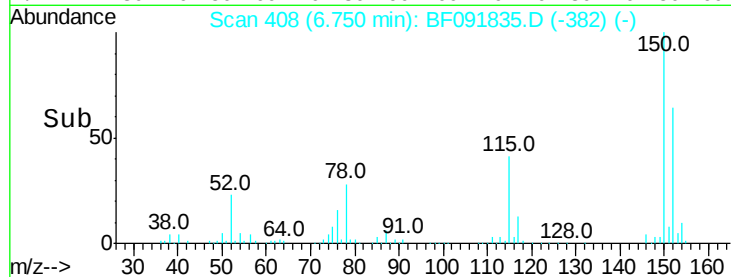
115 64.7 46.0 69.0



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: 75.87 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

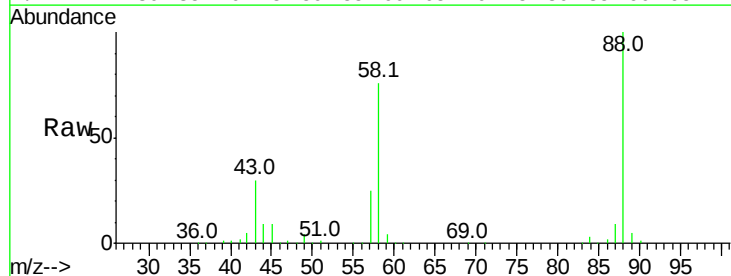
Tgt Ion: 88 Resp: 617873

Ion Ratio Lower Upper

88 100

58 73.3 57.8 86.8

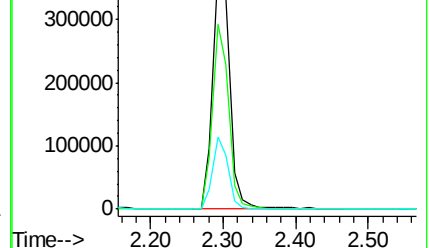
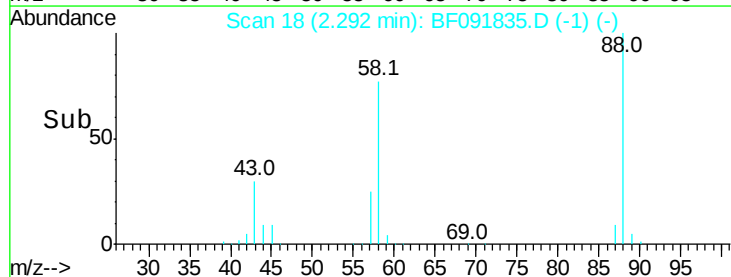
43 28.1 22.3 33.5

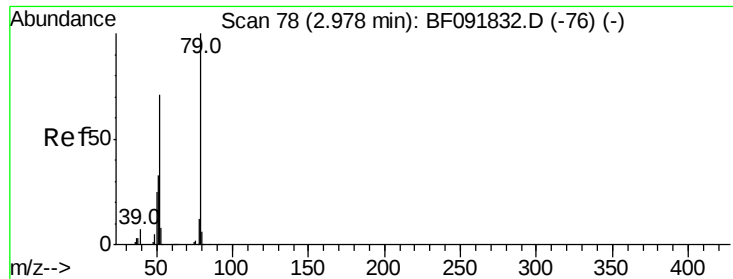


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

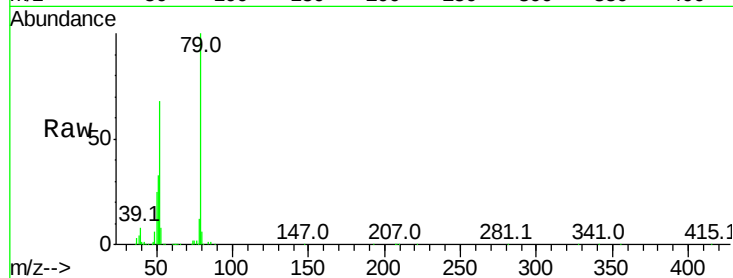




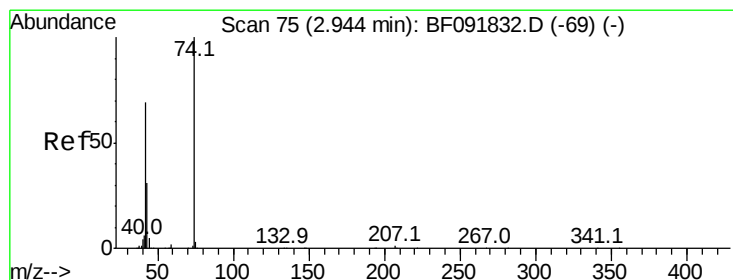
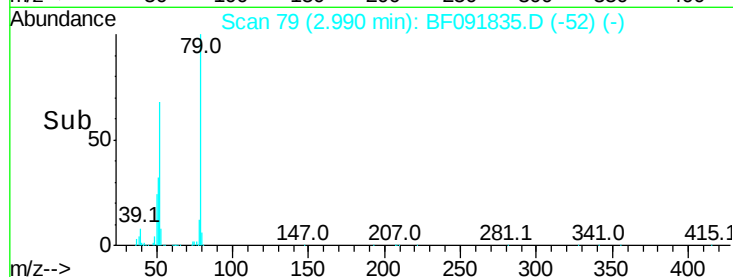
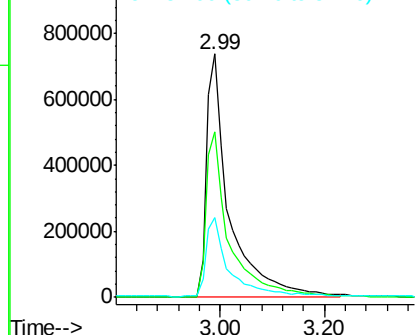
#3
 Pvridine
 Concen: 84.95 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion: 79 Resp: 2228626

Ion	Ratio	Lower	Upper
79	100		
52	67.8	57.1	85.7
51	32.9	27.3	40.9



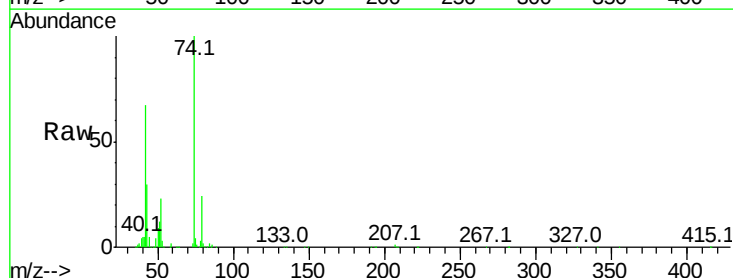
Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0



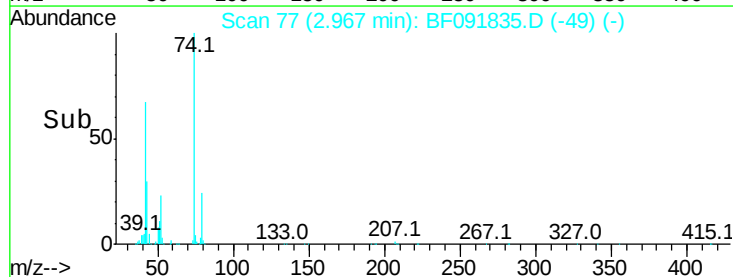
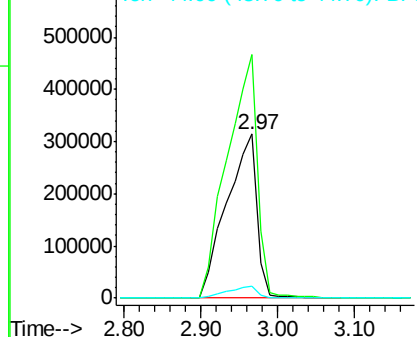
#4
 n-Nitrosodimethylamine
 Concen: 85.06 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.02 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

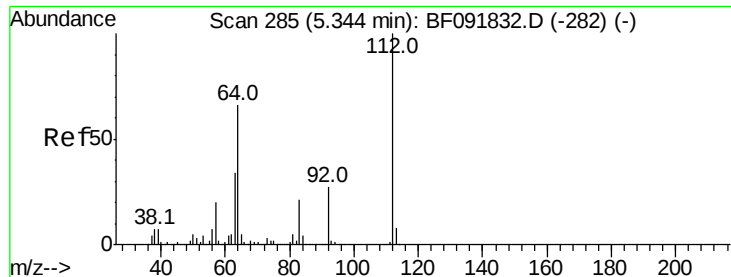
Tgt Ion: 42 Resp: 863676

Ion	Ratio	Lower	Upper
42	100		
74	148.4	117.0	175.4
44	7.1	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: 136.65 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

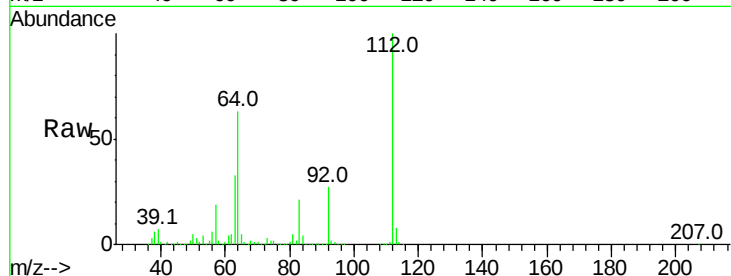
Tot Ion:112 Resp: 2259588

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

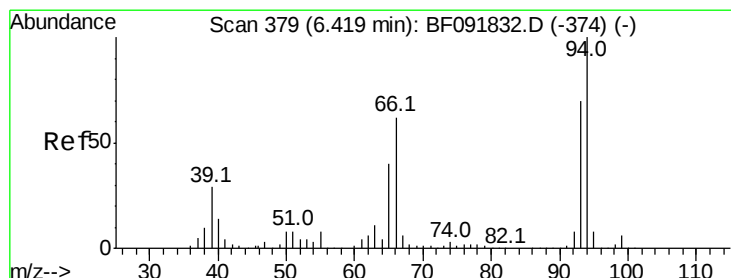
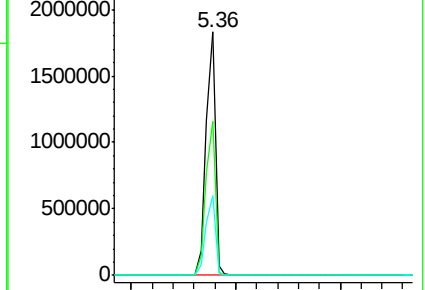
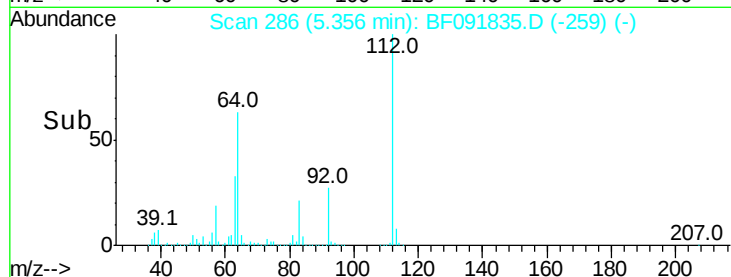
63 32.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 67.56 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

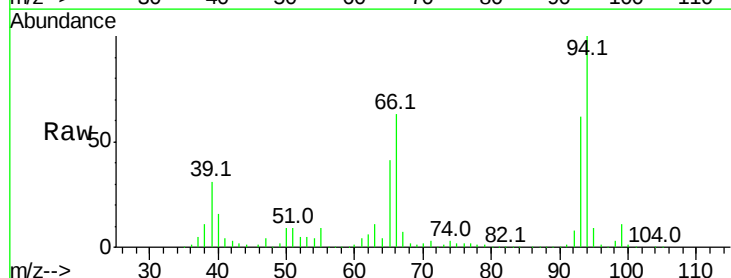
Tgt Ion: 93 Resp: 1753218

Ion Ratio Lower Upper

93 100

66 101.5 76.2 114.2

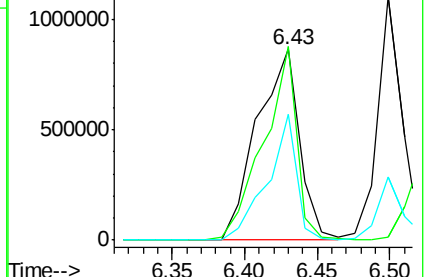
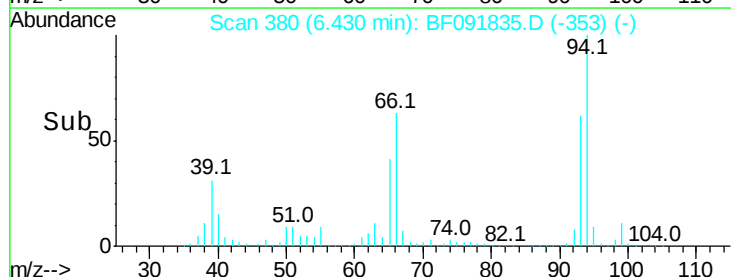
65 66.2 49.3 73.9



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: 134.61 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

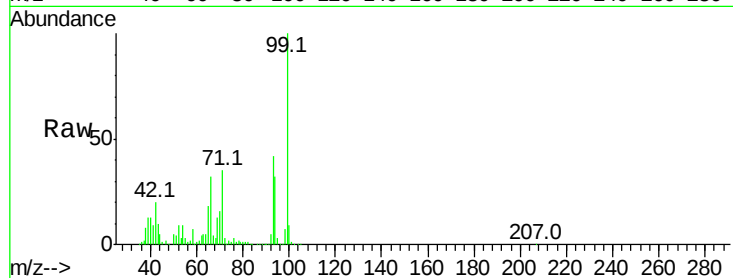
Tot Ion: 99 Resp: 2714748

Ion Ratio Lower Upper

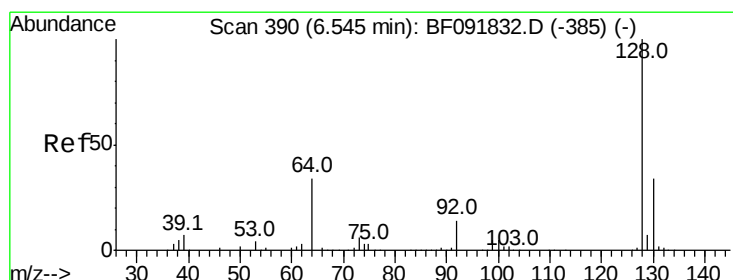
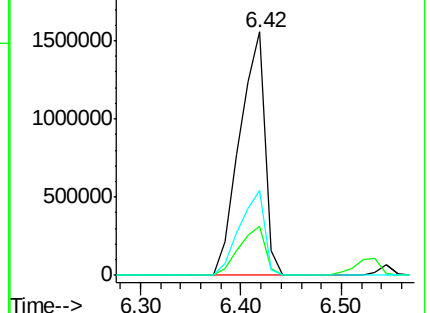
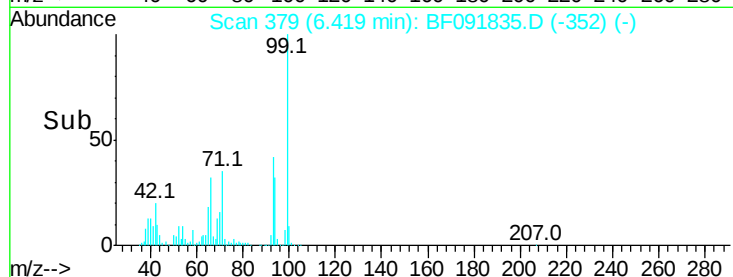
99 100

42 19.9 15.6 23.4

71 34.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 66.59 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

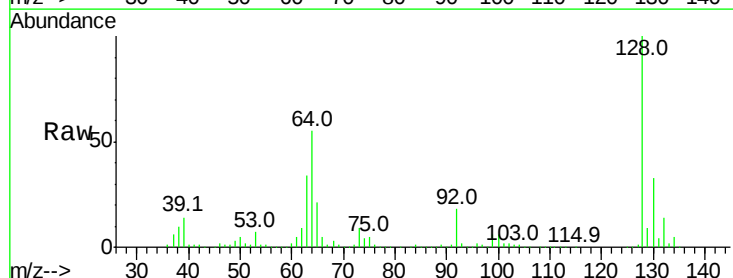
Tgt Ion:128 Resp: 1212047

Ion Ratio Lower Upper

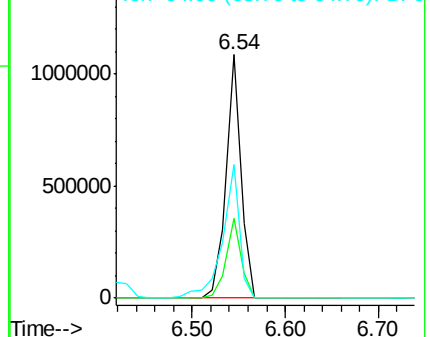
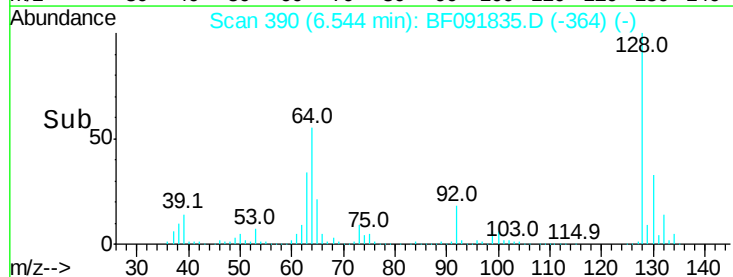
128 100

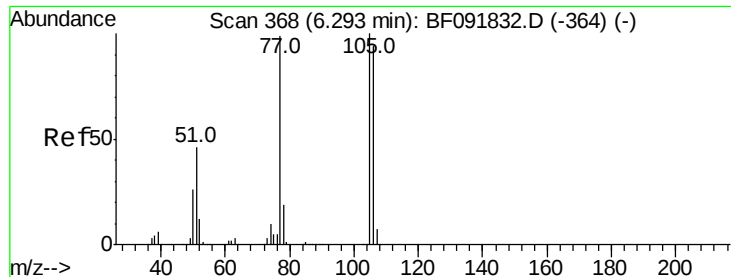
130 33.0 12.3 52.3

64 54.8 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 52.07 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

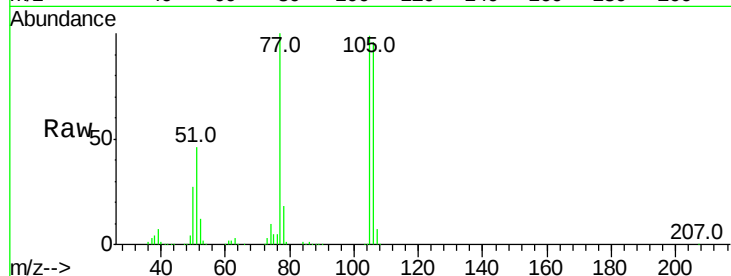
Tot Ion: 77 Resp: 651326

Ion Ratio Lower Upper

77 100

105 99.1 83.9 123.9

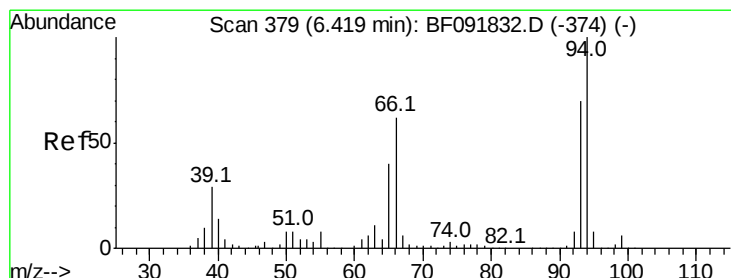
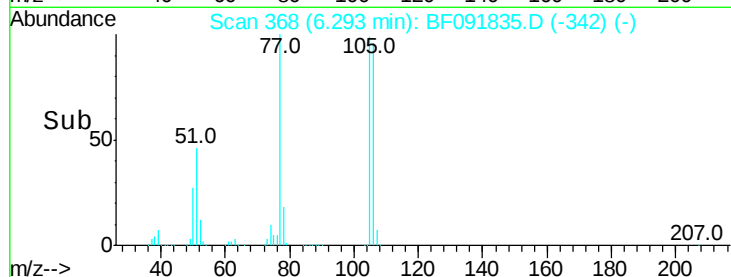
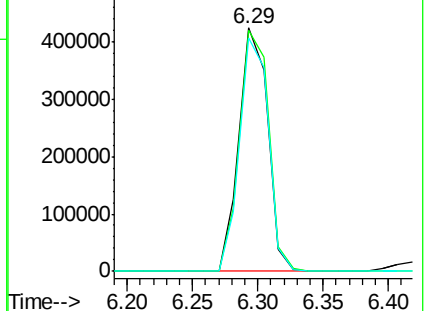
106 95.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 69.92 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

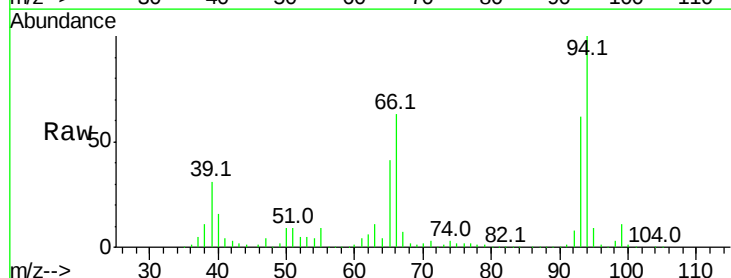
Tgt Ion: 94 Resp: 1589438

Ion Ratio Lower Upper

94 100

65 40.8 21.4 61.4

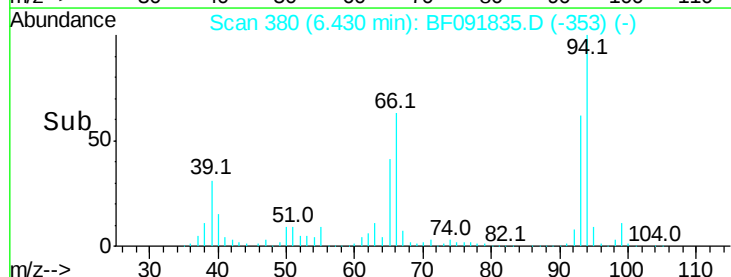
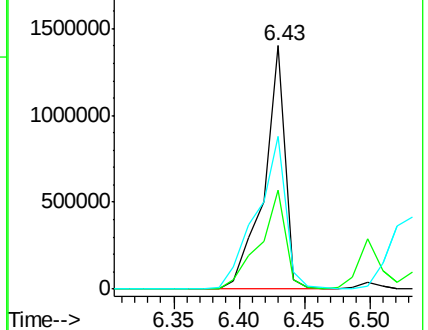
66 62.5 44.0 84.0

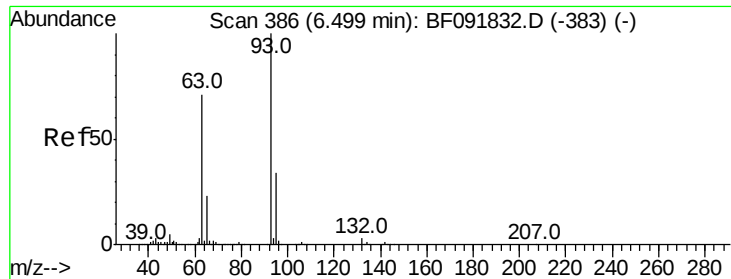


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 68.54 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

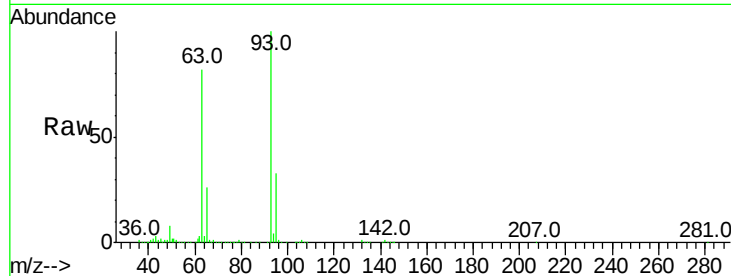
Tot Ion: 93 Resp: 1244388

Ion Ratio Lower Upper

93 100

63 82.0 60.4 100.4

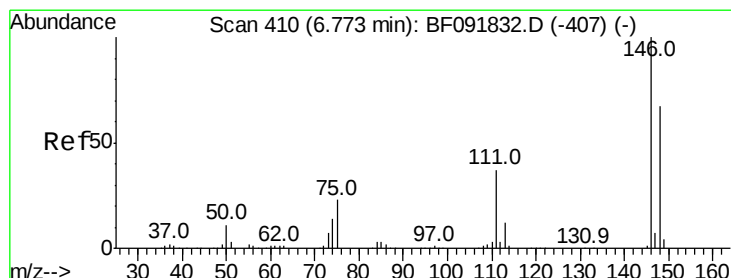
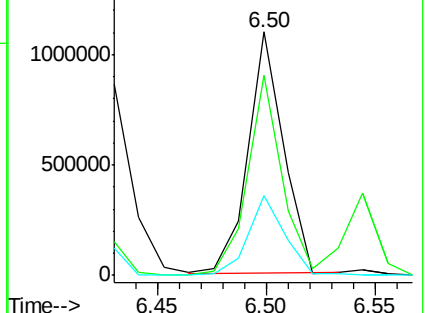
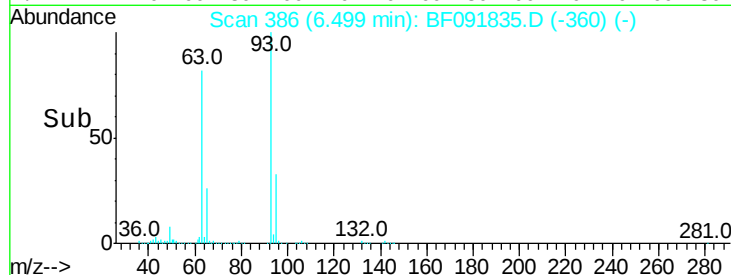
95 32.8 12.8 52.8



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: 60.11 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.24 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

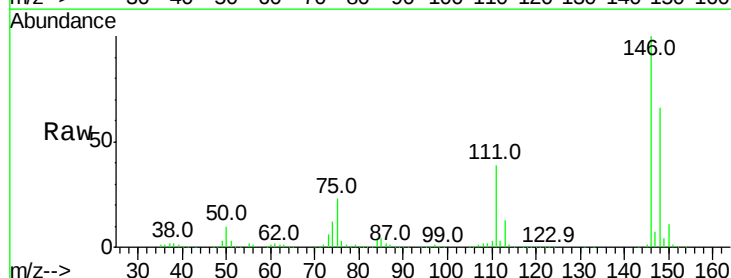
Tgt Ion: 146 Resp: 1201494

Ion Ratio Lower Upper

146 100

148 65.9 53.4 80.0

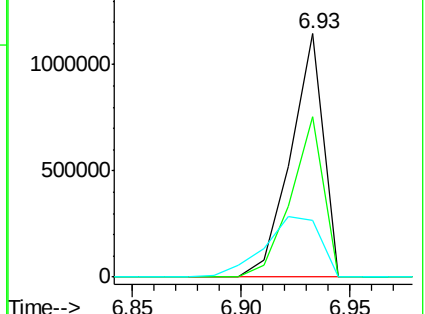
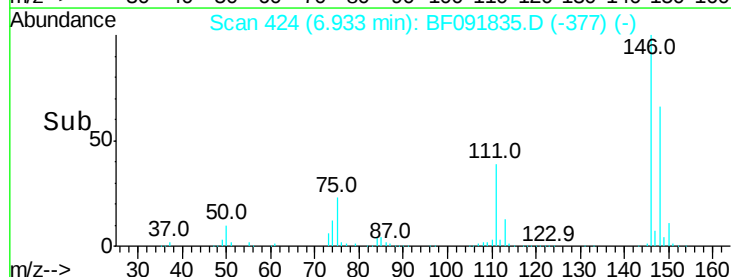
75 23.2 18.5 27.7

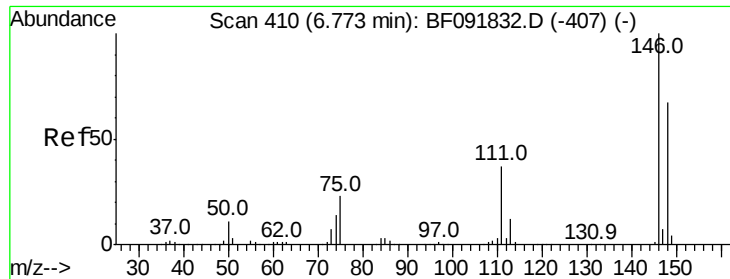


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

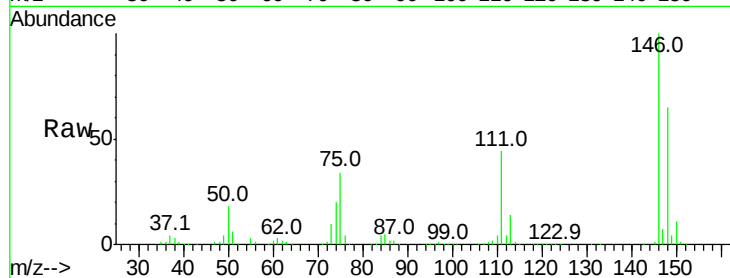
Ion 75.00 (74.70 to 75.70): BF0



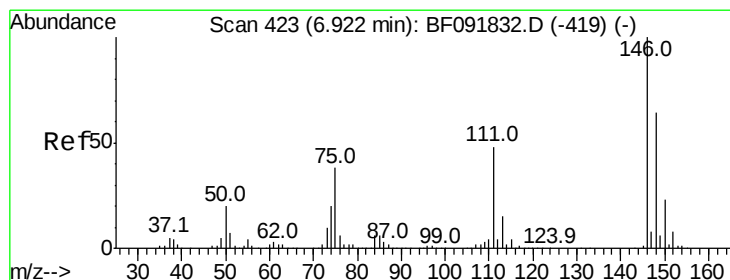
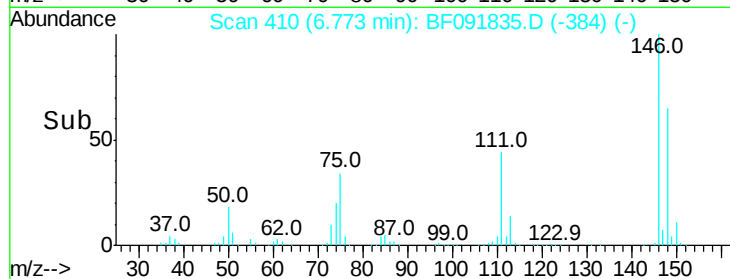
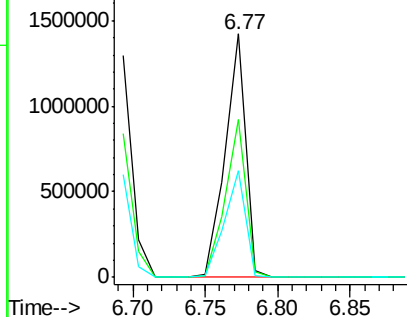


#13
 1,4-Dichlorobenzene
 Concen: 69.24 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion:146 Resp: 1400475
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 76.0
 111 43.6 36.2 54.4

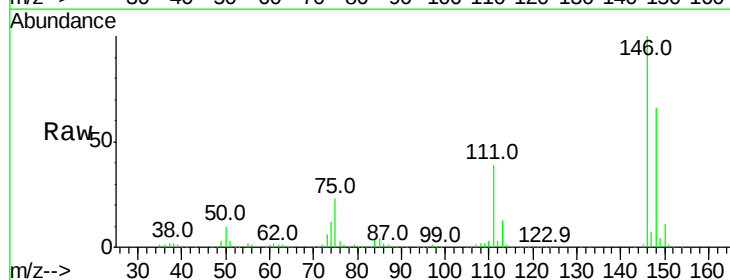


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

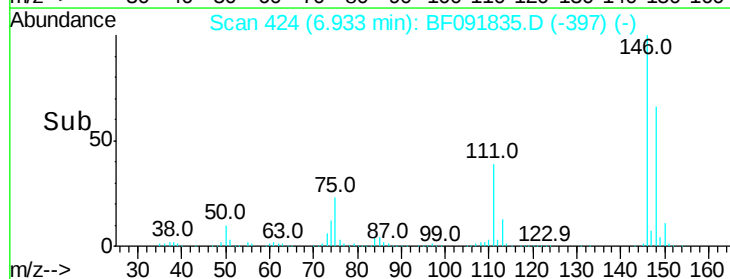
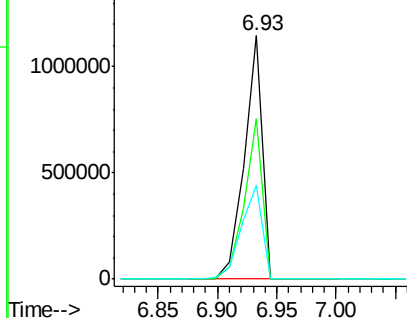


#14
 1,2-Dichlorobenzene
 Concen: 67.88 ng
 RT: 6.93 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion:146 Resp: 1202552
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.2 78.2
 111 38.8 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 66.01 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

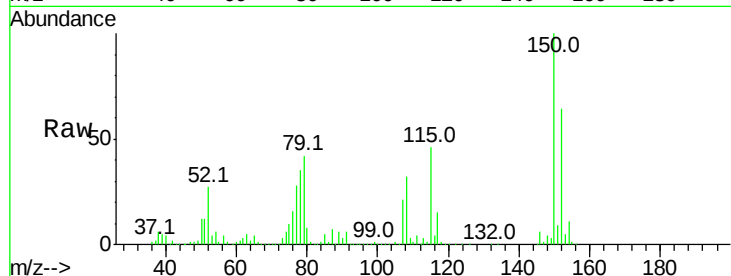
Tot Ion: 79 Resp: 1030726

Ion Ratio Lower Upper

79 100

108 76.0 61.4 92.0

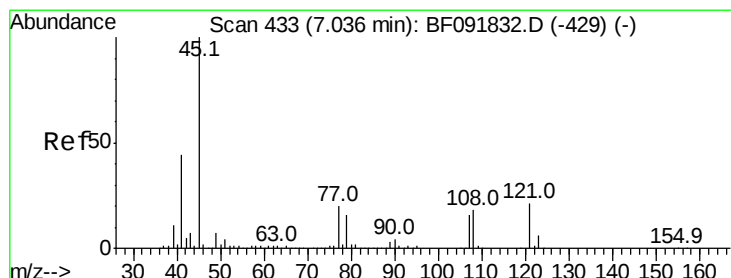
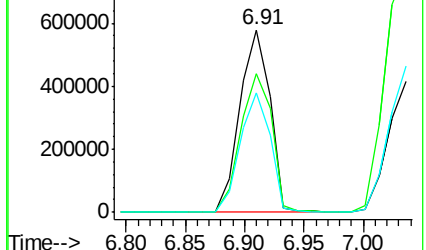
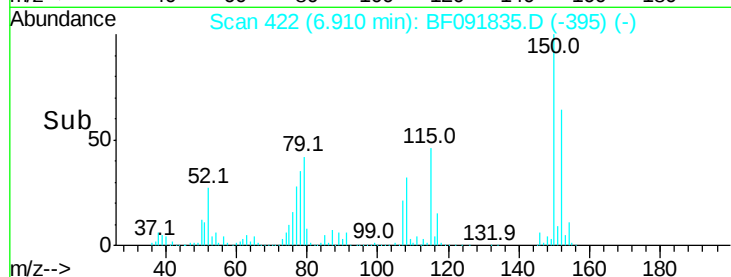
77 65.5 50.9 76.3



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: 69.95 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

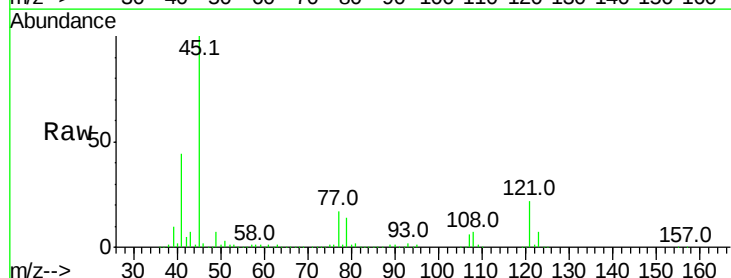
Tgt Ion: 45 Resp: 1940582

Ion Ratio Lower Upper

45 100

77 16.8 0.0 34.6

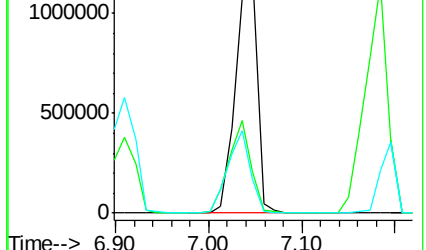
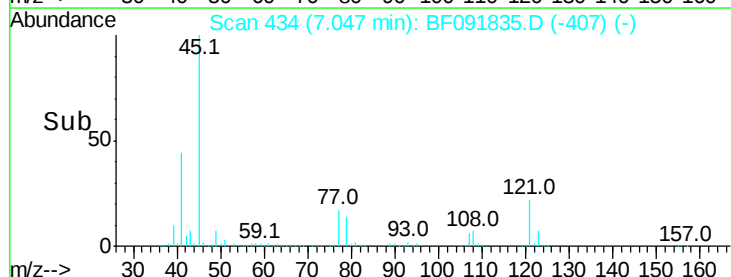
79 13.8 0.0 31.2

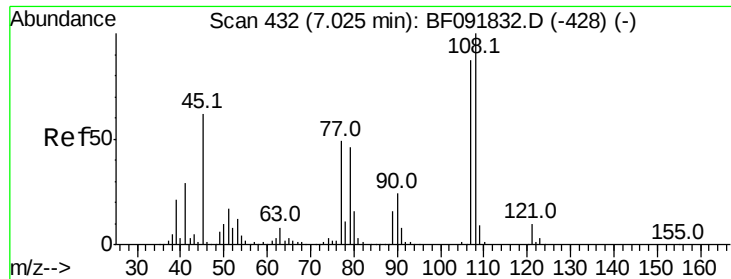


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

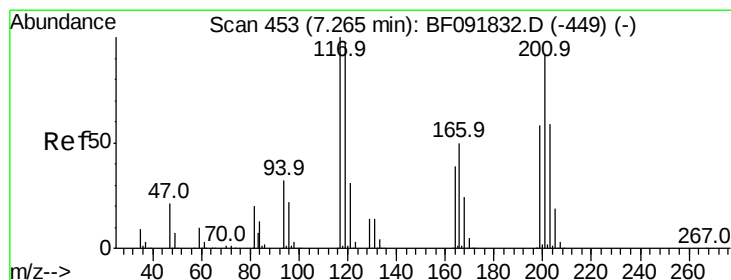
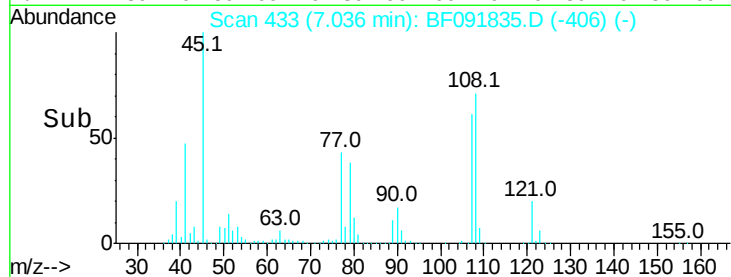
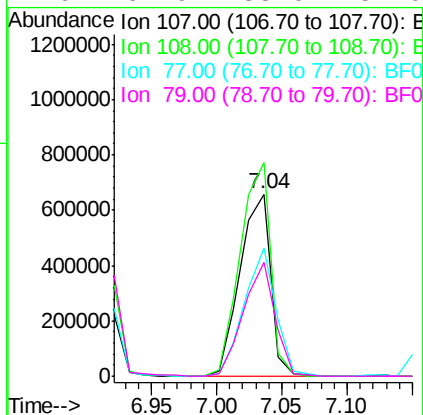
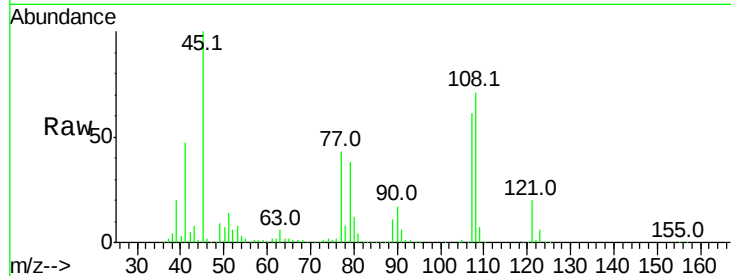
Ion 79.00 (78.70 to 79.70): BF0





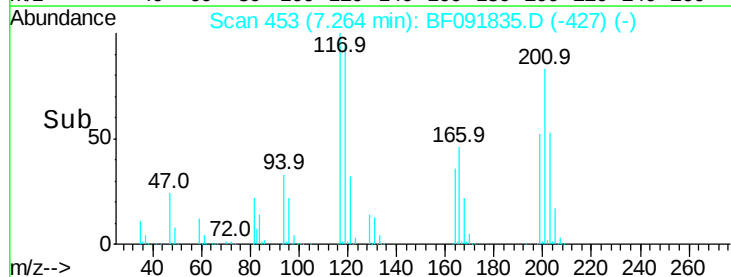
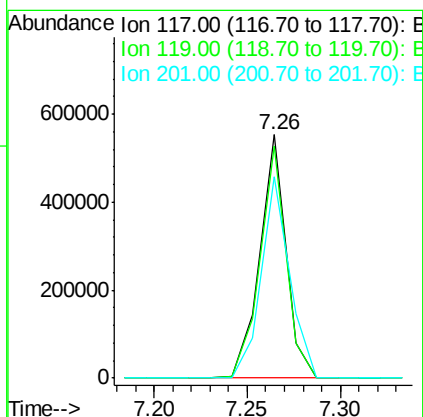
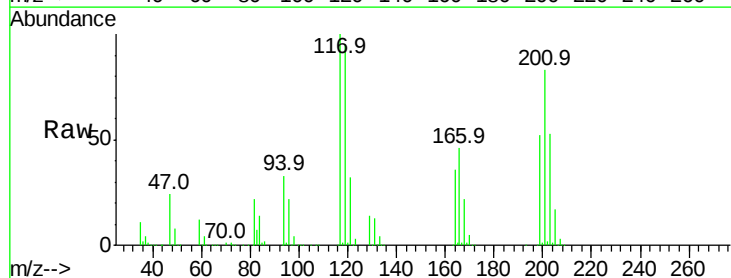
#17
2-Methylphenol
Concen: 70.35 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:107 Resp: 1070035
Ion Ratio Lower Upper
107 100
108 117.3 93.0 139.6
77 70.2 39.8 59.8#
79 62.9 38.0 57.0#



#18
Hexachloroethane
Concen: 71.07 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion:117 Resp: 534038
Ion Ratio Lower Upper
117 100
119 95.1 78.1 117.1
201 82.7 78.6 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 65.69 ng

RT: 7.20 min Scan# 447

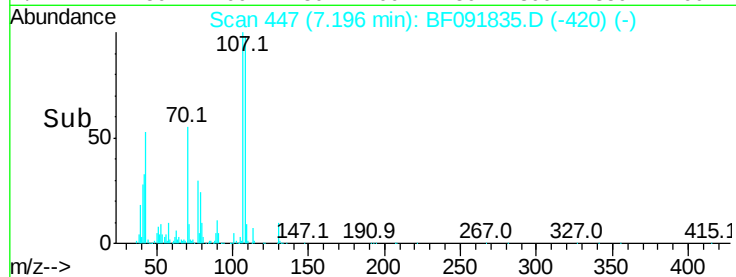
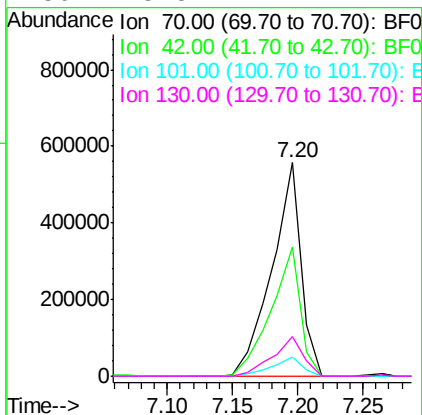
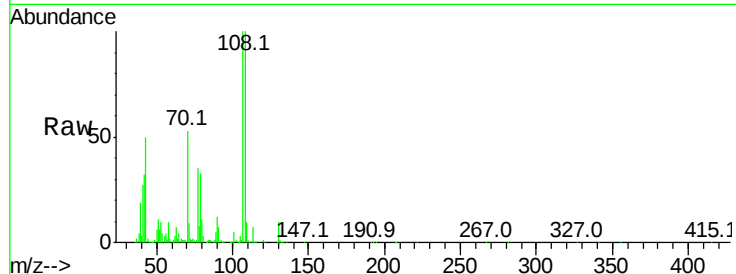
Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tot Ion: 70 Resp: 881200

Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.4	74.0
101	9.0	7.4	11.2
130	18.8	14.2	21.4



#20

3+4-Methylphenols

Concen: 75.98 ng

RT: 7.20 min Scan# 447

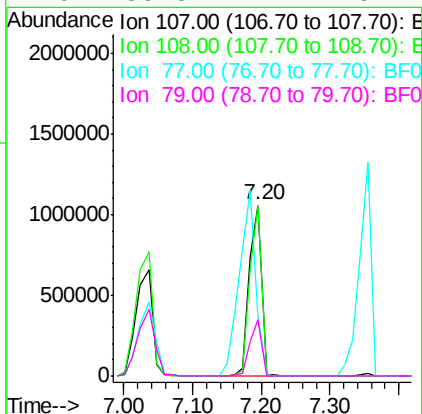
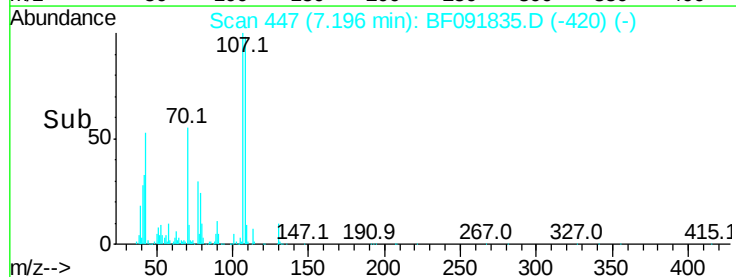
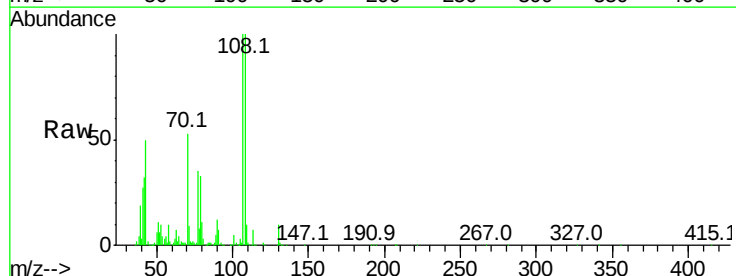
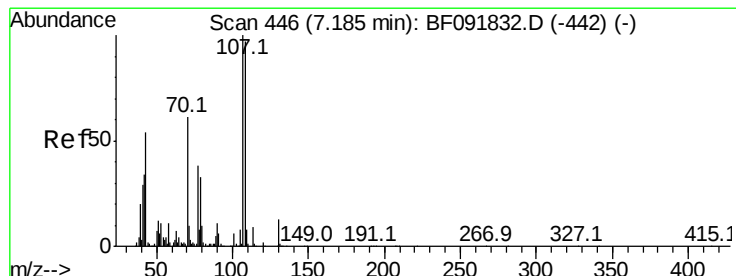
Delta R.T. 0.01 min

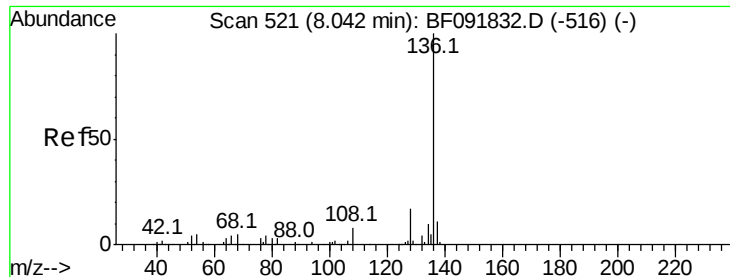
Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tgt Ion: 107 Resp: 1289090

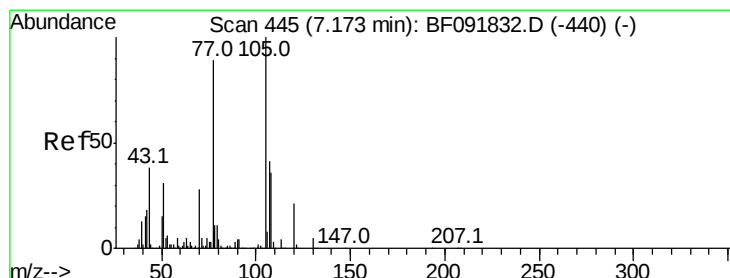
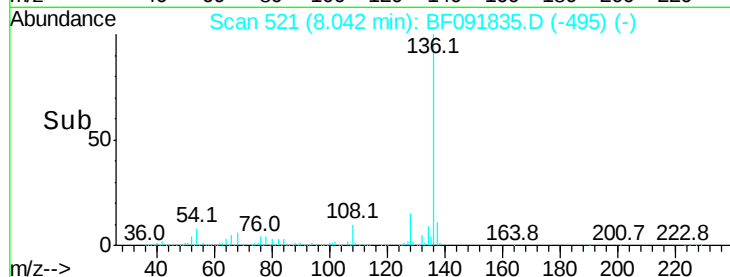
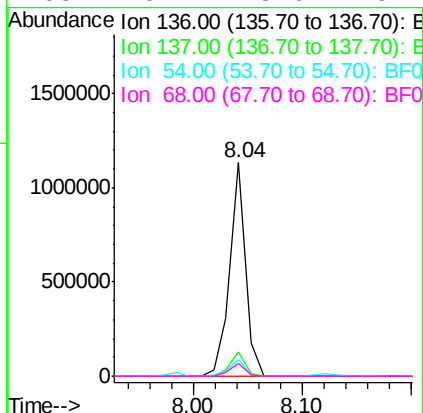
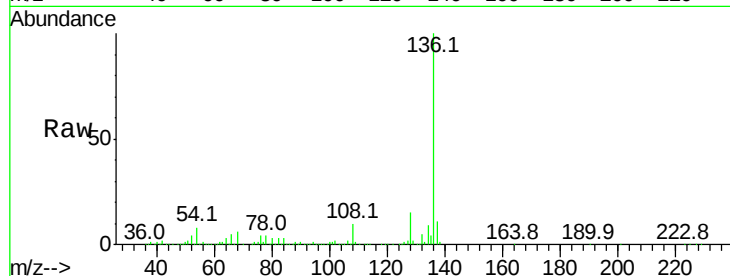
Ion	Ratio	Lower	Upper
107	100		
108	100.0	73.0	113.0
77	35.0	71.3	111.3
79	33.3	11.1	51.1





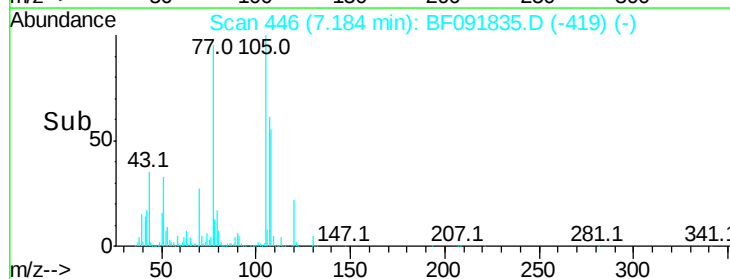
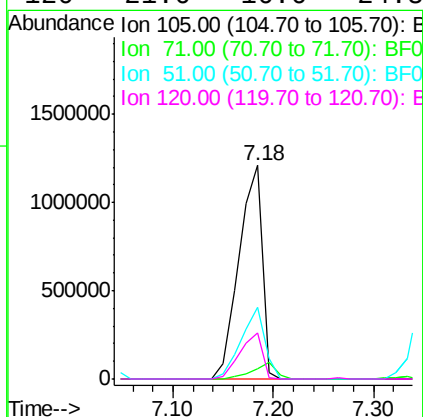
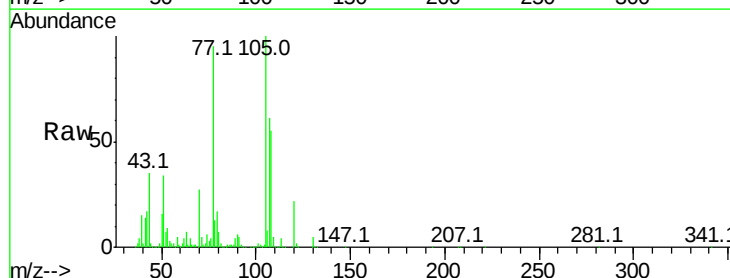
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

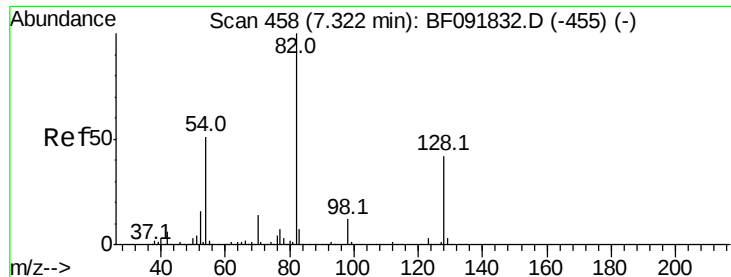
Tot Ion:136	Resp: 1136252
Ion Ratio	Lower Upper
136 100	
137 11.2	8.4 12.6
54 7.8	4.5 6.7#
68 6.2	3.6 5.4#



#22
Acetophenone
Concen: 70.82 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt	Ion:105	Resp:	1943030
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.2	4.8
51	33.6	26.2	39.4
120	21.6	16.6	24.8

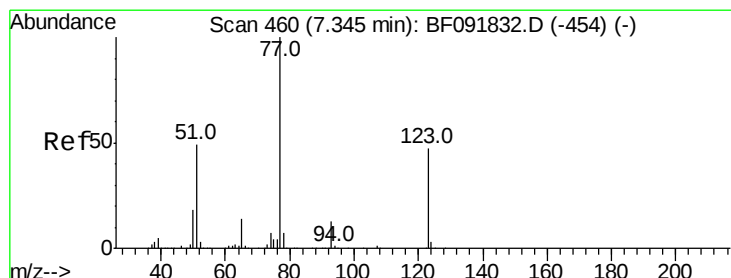
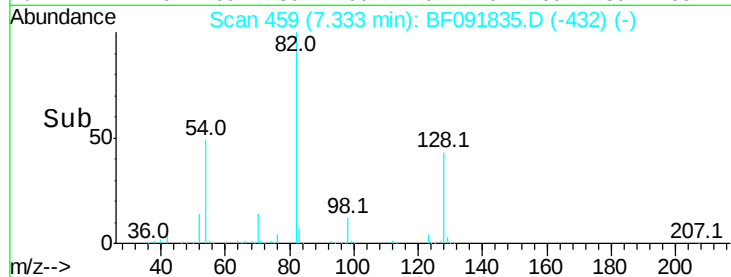
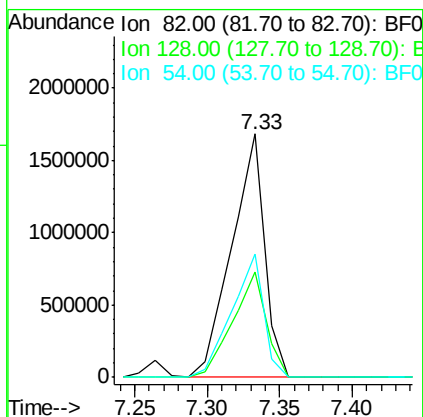
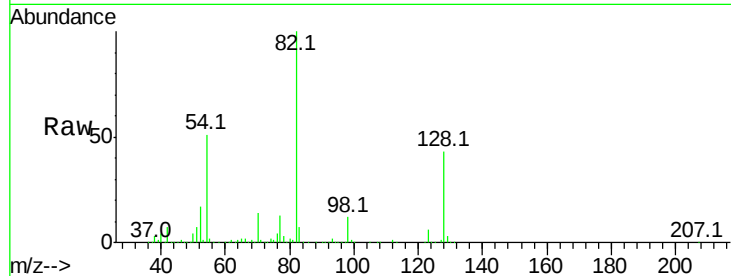




#23
Nitrobenzene-d5
Concen: 134.40 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion: 82 Resp: 2648095

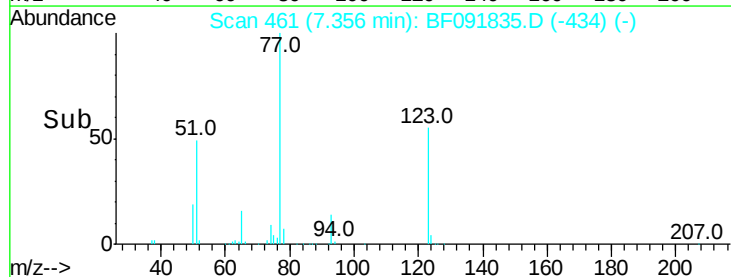
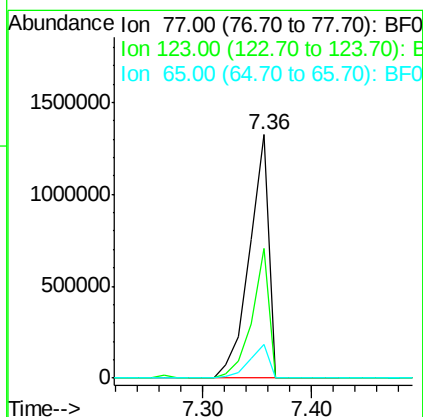
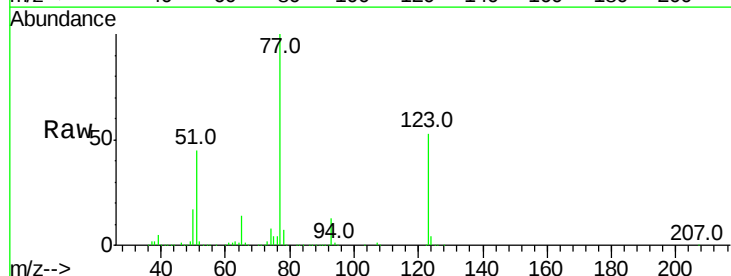
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	50.9	39.5	59.3

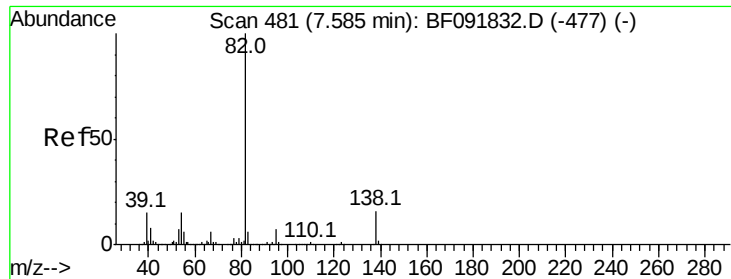


#24
Nitrobenzene
Concen: 76.91 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion: 77 Resp: 1627249

Ion	Ratio	Lower	Upper
77	100		
123	53.4	33.0	49.4#
65	13.6	11.2	16.8





#25

Isophorone

Concen: 73.04 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

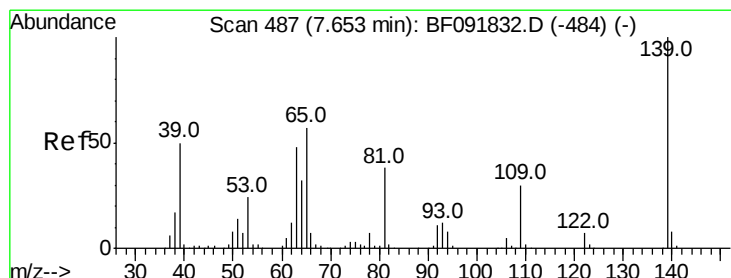
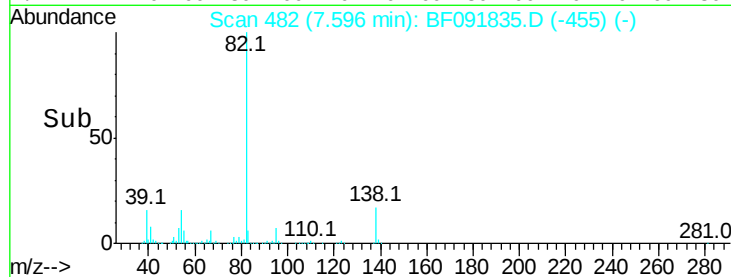
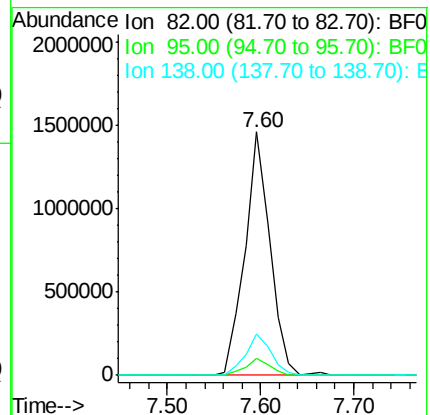
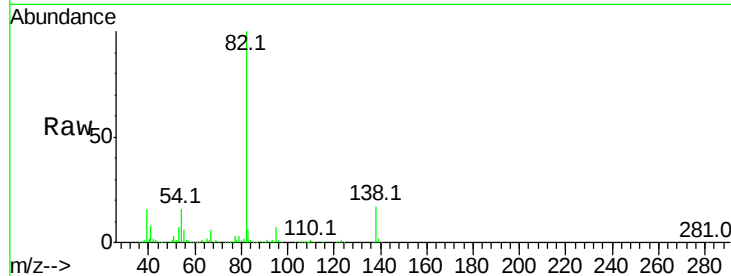
Tot Ion: 82 Resp: 2745700

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 16.9 14.6 22.0



#26

2-Nitrophenol

Concen: 79.47 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

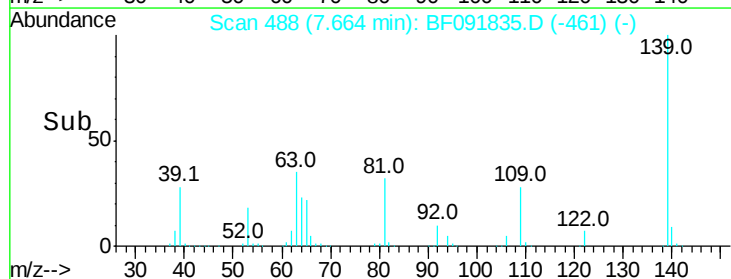
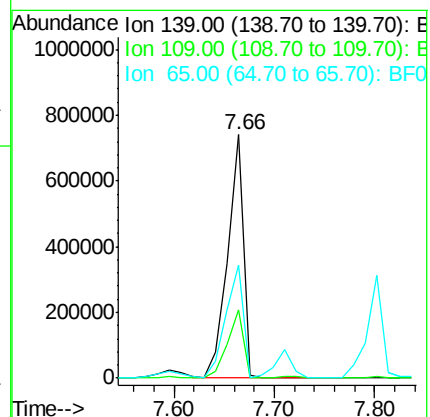
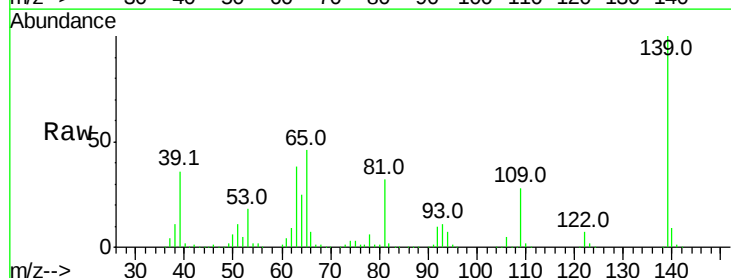
Tgt Ion: 139 Resp: 811167

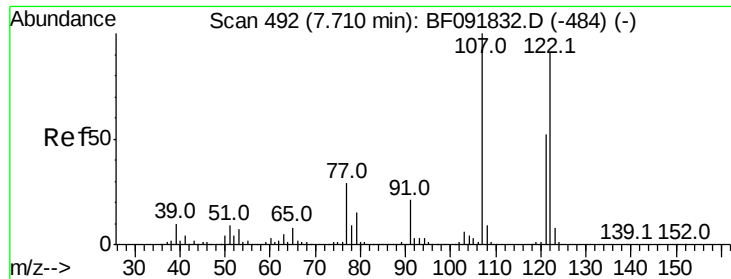
Ion Ratio Lower Upper

139 100

109 28.1 23.3 34.9

65 46.3 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 69.52 ng

RT: 7.71 min Scan# 492

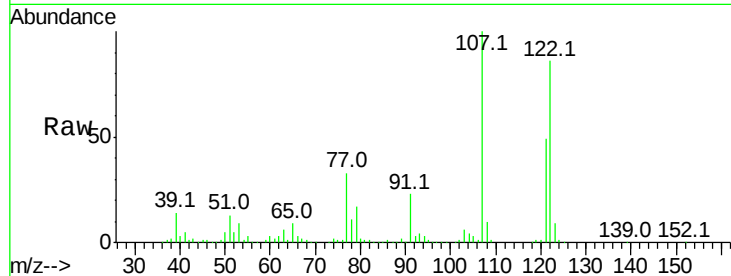
Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tot Ion:122 Resp: 1157617

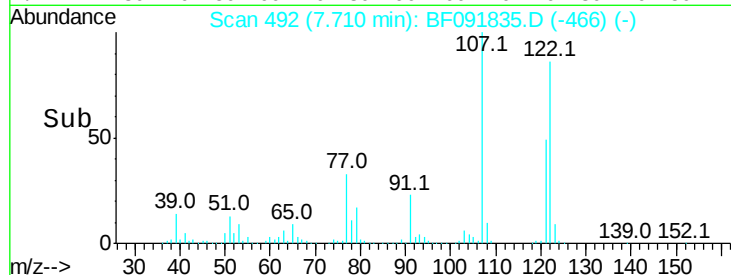
Ion	Ratio	Lower	Upper
122	100		
107	116.6	94.1	141.1
121	57.0	46.0	69.0



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



Time-->

7.60 7.65 7.70 7.75

7.71

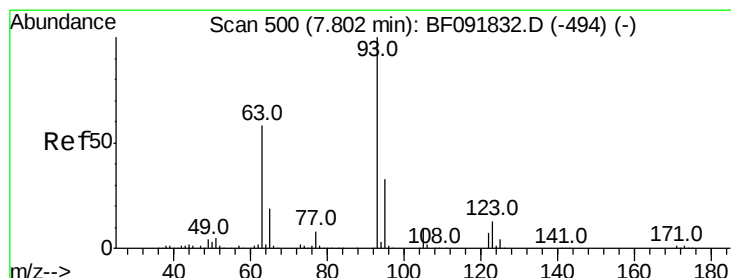
800000

600000

400000

200000

0



#28

bis(2-Chloroethoxy)methane

Concen: 67.29 ng

RT: 7.80 min Scan# 500

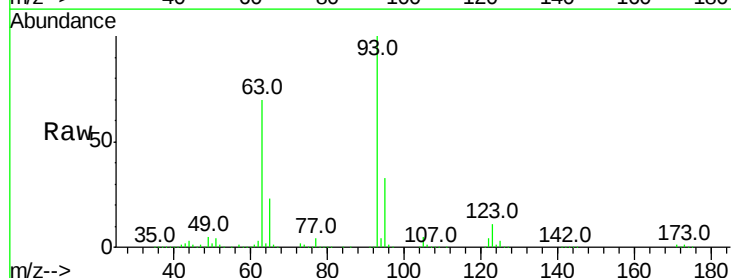
Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tgt Ion: 93 Resp: 1480087

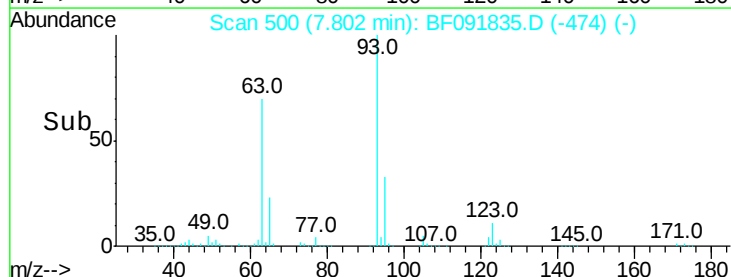
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	10.9	8.6	13.0



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



Time-->

7.70 7.80 7.90 8.00

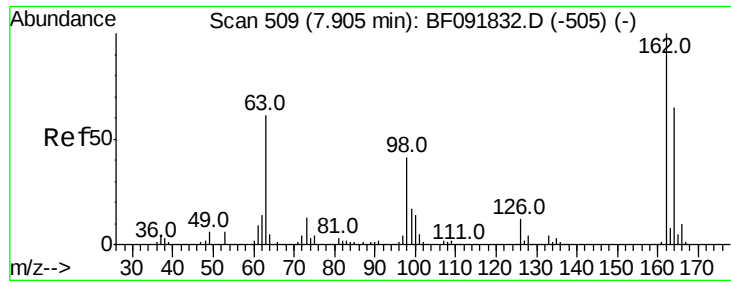
7.80

1500000

1000000

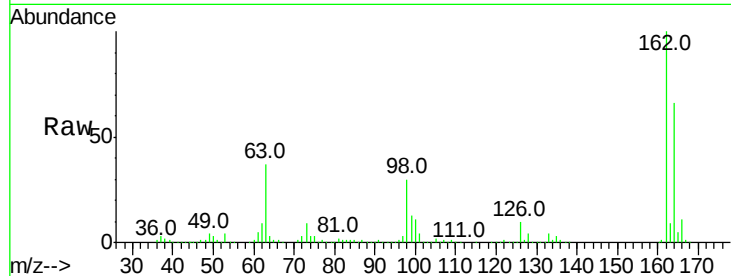
500000

0

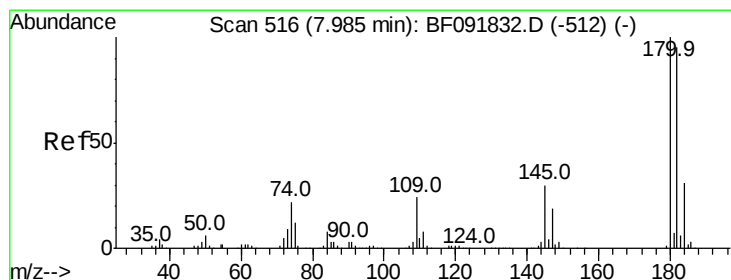
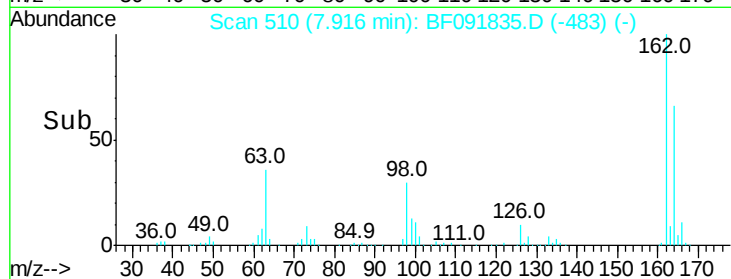
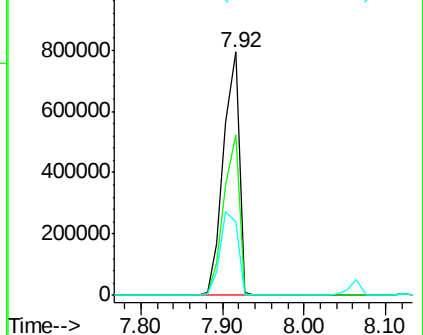


#29
 2,4-Dichlorophenol
 Concen: 69.62 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion:162 Resp: 1069117
 Ion Ratio Lower Upper
 162 100
 164 65.9 46.8 86.8
 98 30.2 9.1 49.1

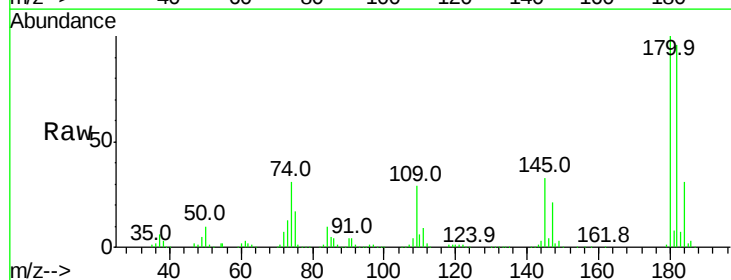


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

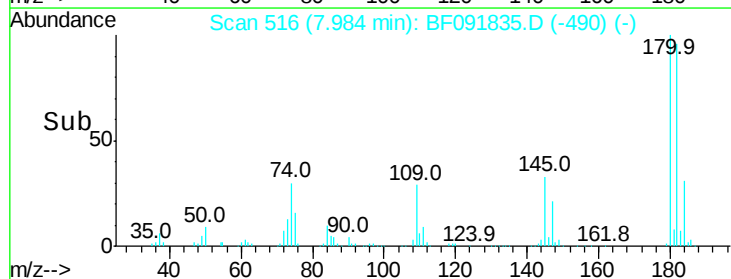
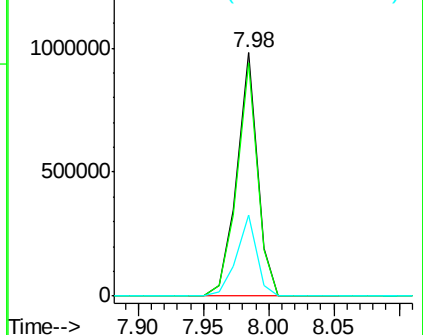


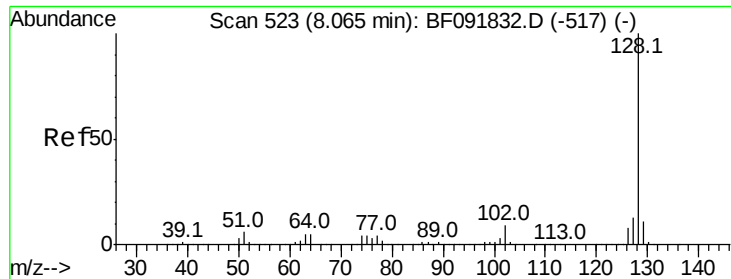
#30
 1,2,4-Trichlorobenzene
 Concen: 64.48 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion:180 Resp: 1073188
 Ion Ratio Lower Upper
 180 100
 182 96.1 78.2 117.4
 145 33.4 21.6 32.4#



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

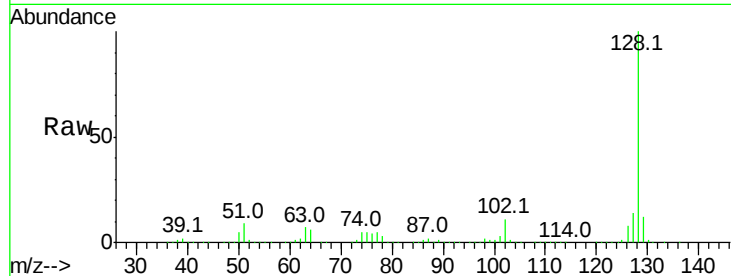




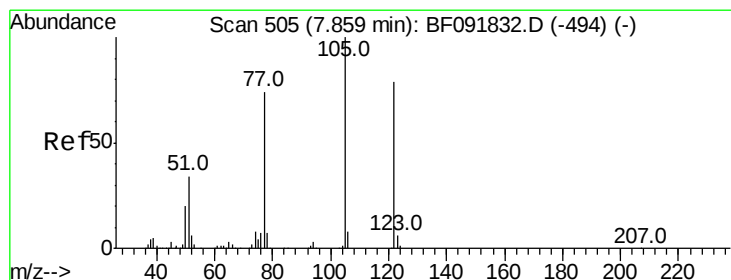
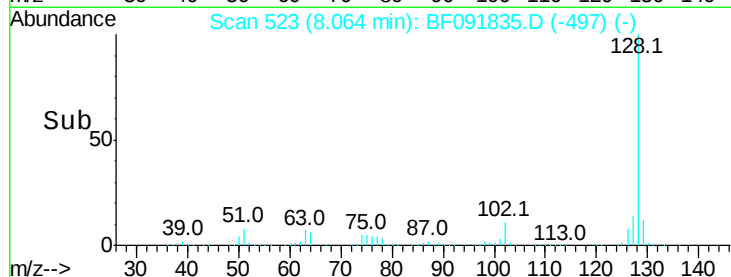
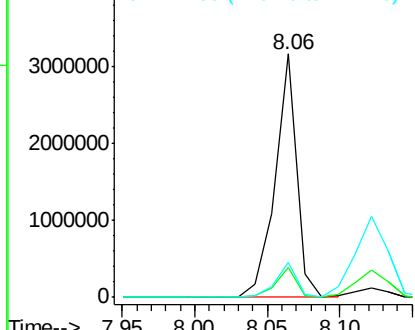
#31
Naphthalene
Concen: 60.13 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:128 Resp: 3263942

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.5	14.3
127	14.3	10.8	16.2



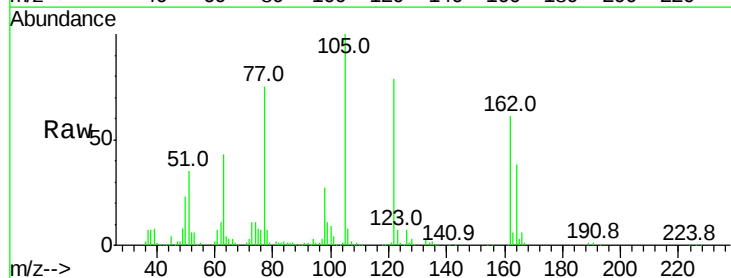
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



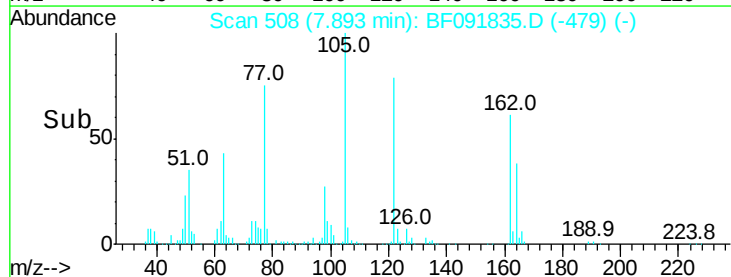
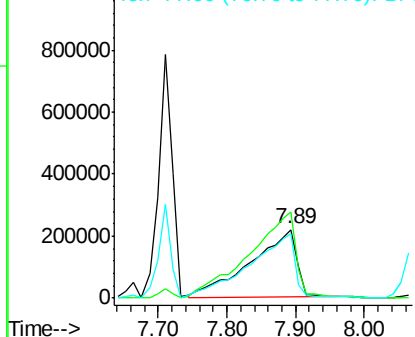
#32
Benzoic acid
Concen: 84.79 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.03 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

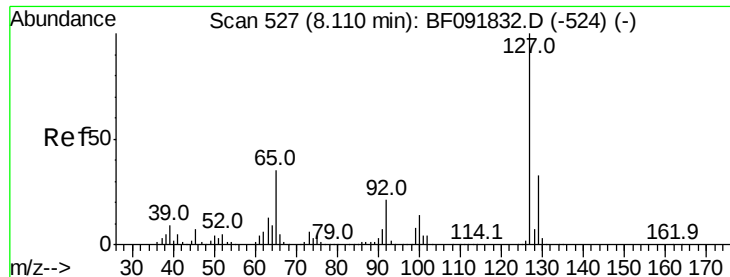
Tgt Ion:122 Resp: 1006183

Ion	Ratio	Lower	Upper
122	100		
105	126.4	107.2	147.2
77	95.0	74.5	114.5



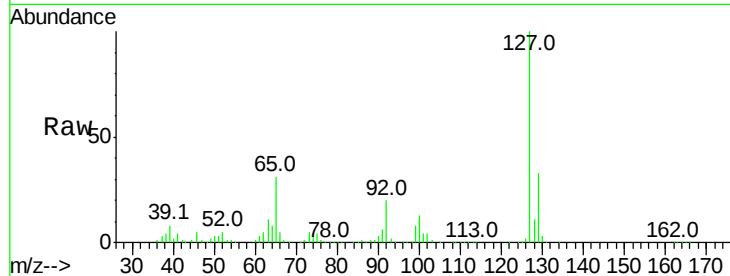
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 72.14 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:	127	Resp:	1649605
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	31.0	25.8	38.8
92	19.6	16.1	24.1



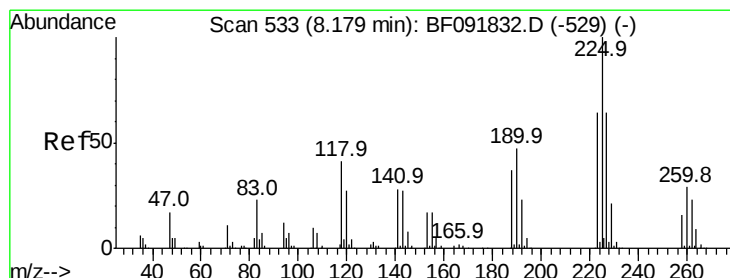
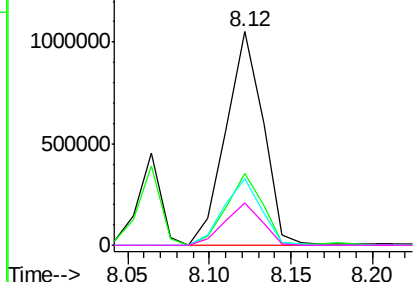
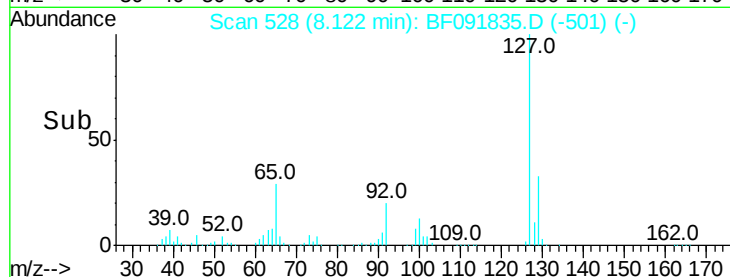
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

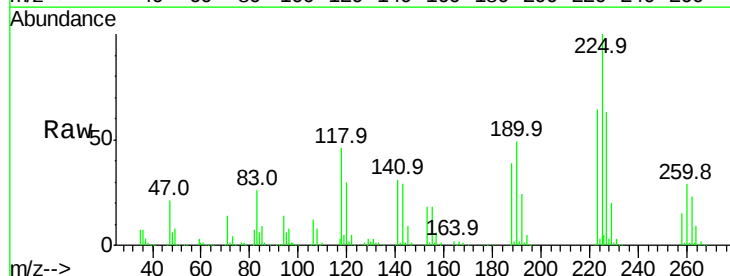
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 63.65 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion:	225	Resp:	595619
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	63.5	50.6	76.0

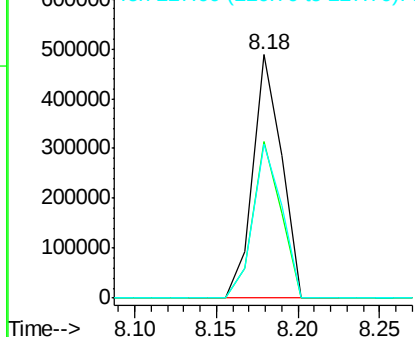
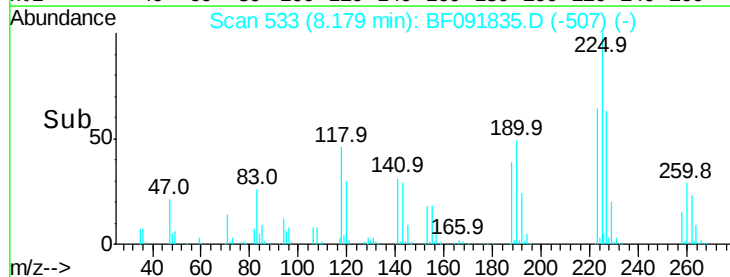


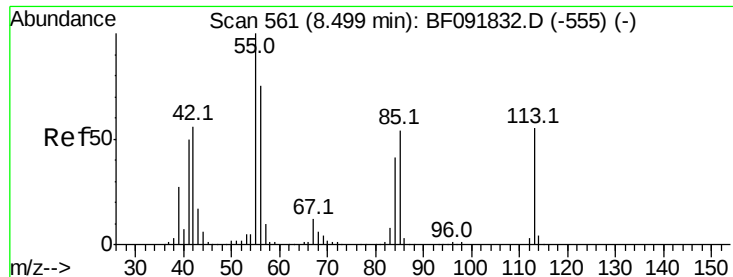
Abundance

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: 60.16 ng

RT: 8.53 min Scan# 564

Delta R.T. 0.03 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

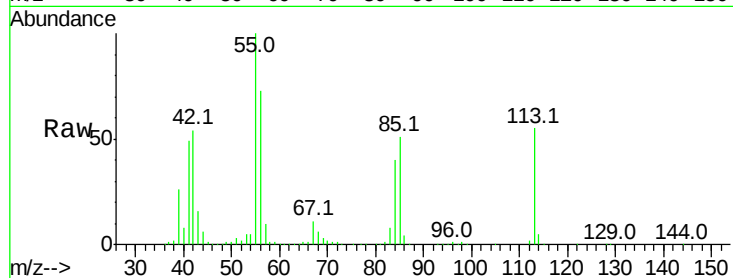
Tot Ion:113 Resp: 297275

Ion Ratio Lower Upper

113 100

55 182.2 119.2 159.2#

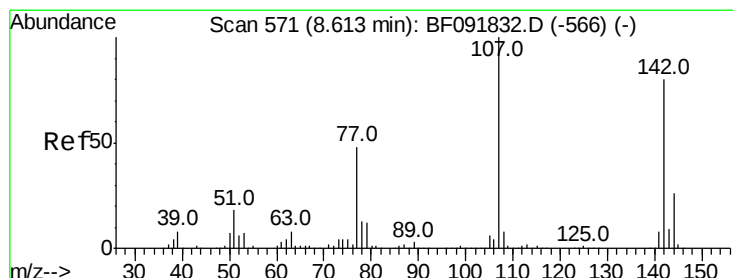
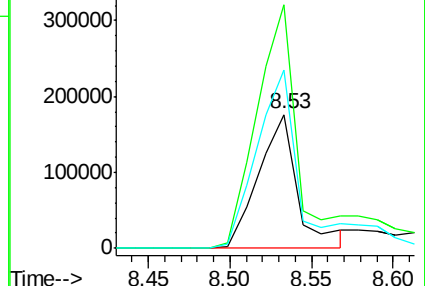
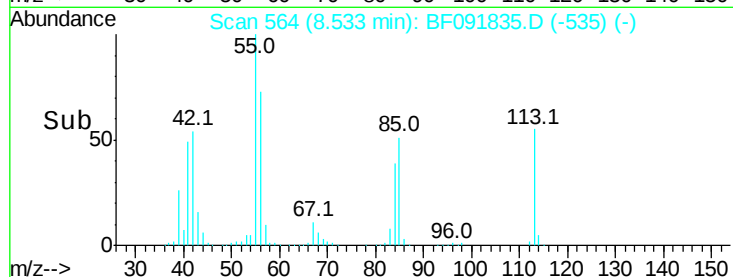
56 133.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 73.81 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

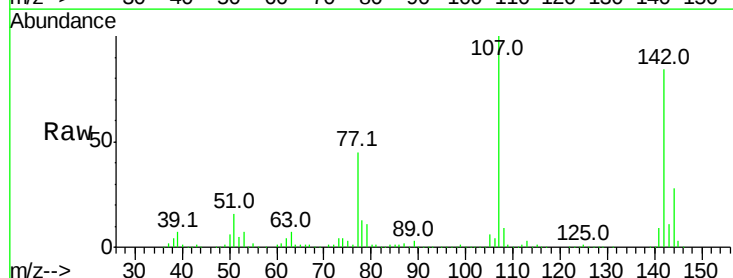
Tgt Ion:107 Resp: 1250384

Ion Ratio Lower Upper

107 100

144 28.2 19.3 28.9

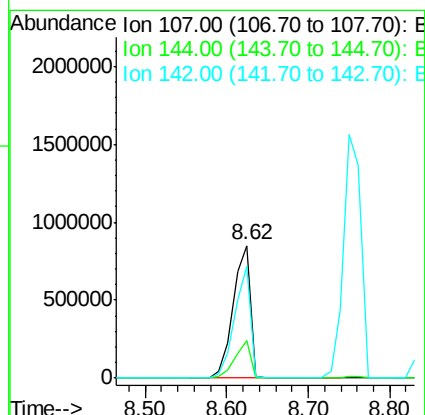
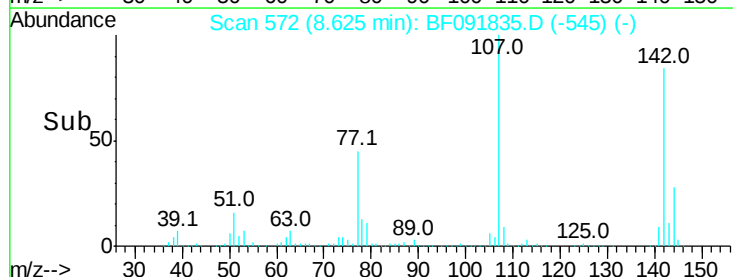
142 84.4 59.0 88.6

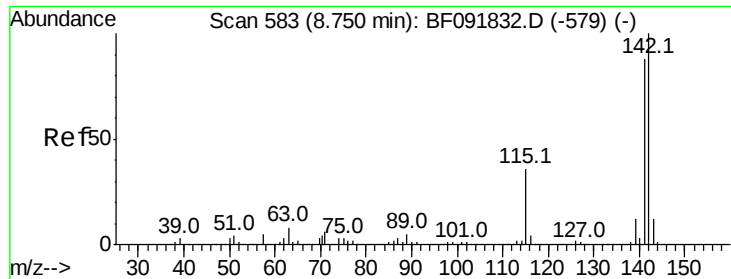


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

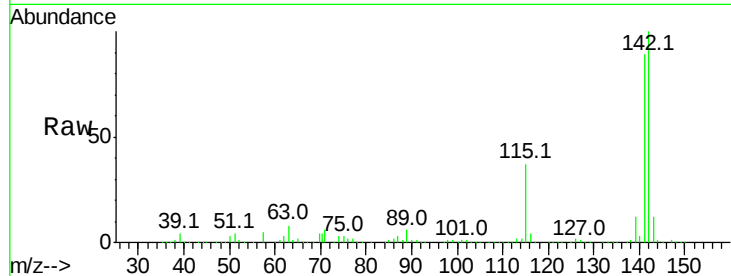




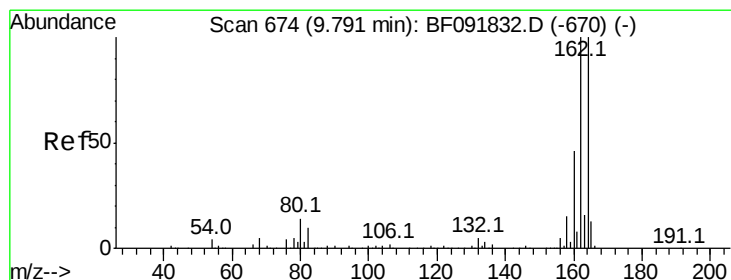
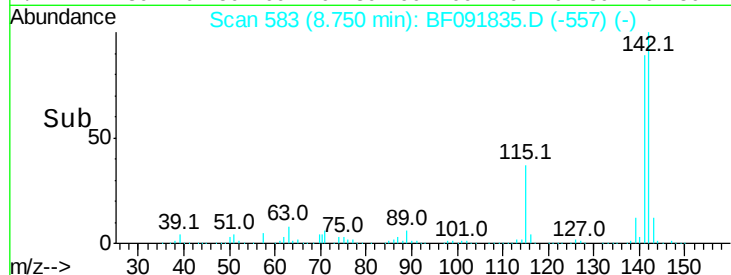
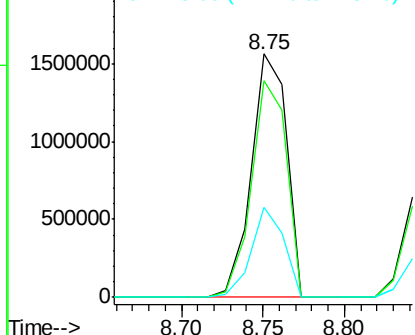
#37
2-Methylnaphthalene
Concen: 68.53 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:142 Resp: 2345162

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	36.9	28.3	42.5



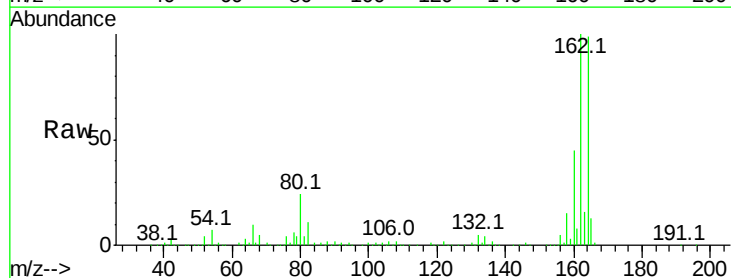
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



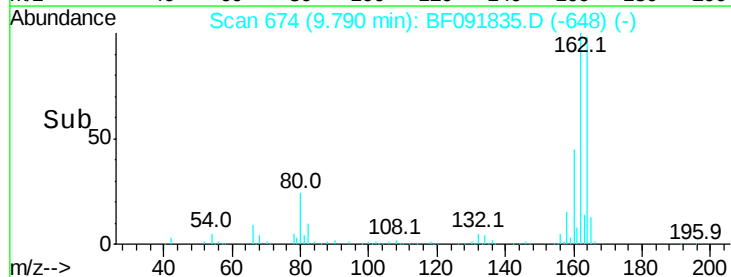
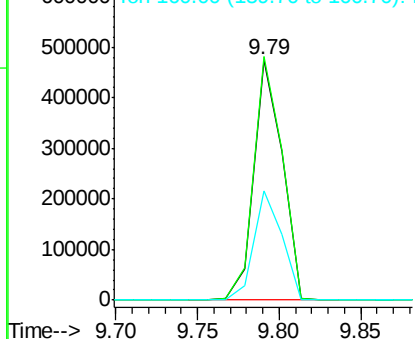
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

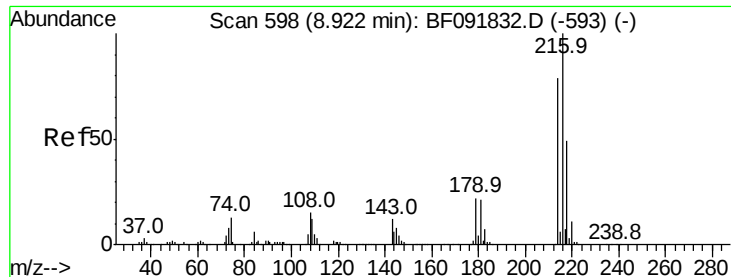
Tgt Ion:164 Resp: 574846

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.6	36.9	55.3



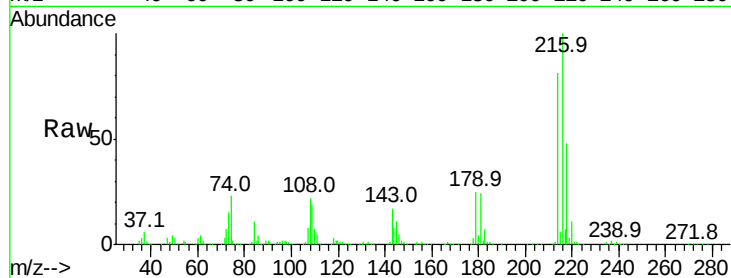
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



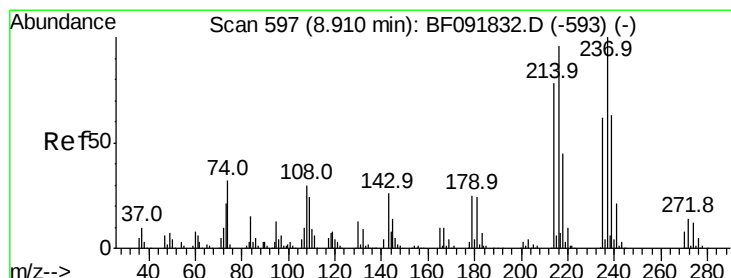
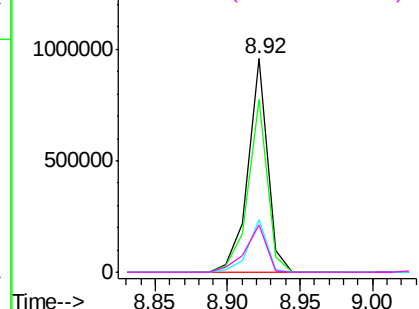
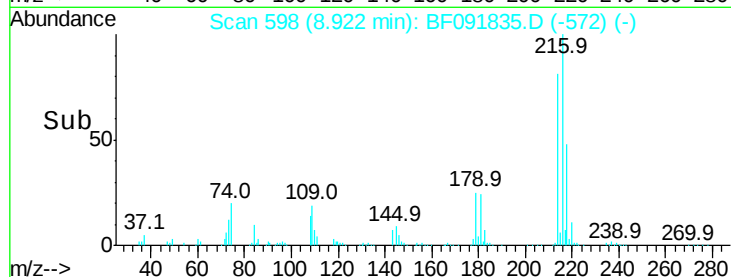


#39
1,2,4,5-Tetrachlorobenzene
Concen: 62.58 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:	216	Resp:	896685
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.0
179	24.0	17.4	26.2
108	24.1	15.6	23.4

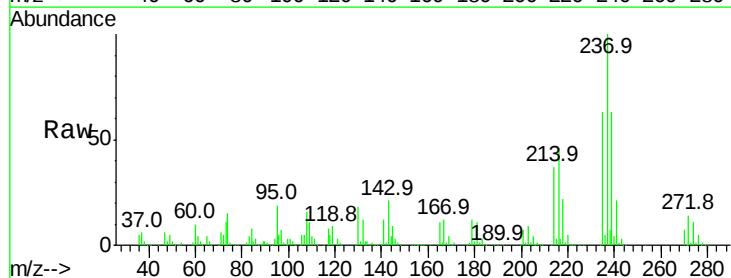


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

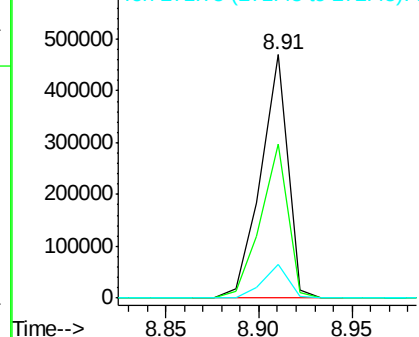
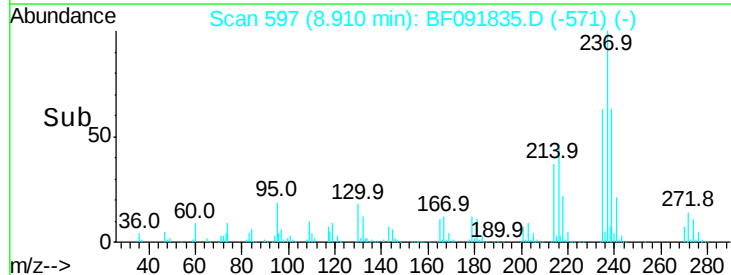


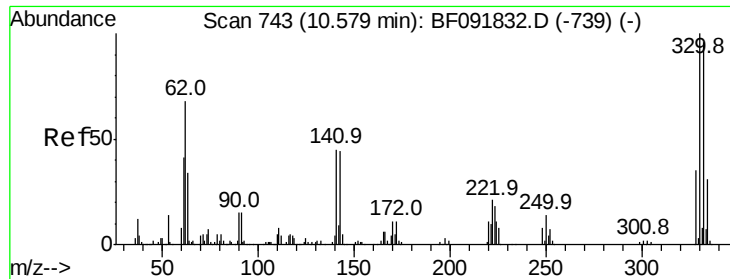
#40
Hexachlorocyclopentadiene
Concen: 77.76 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion:	237	Resp:	472244
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.2	81.2
272	13.8	0.0	35.4



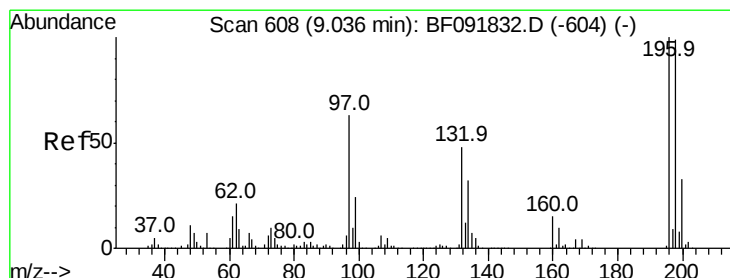
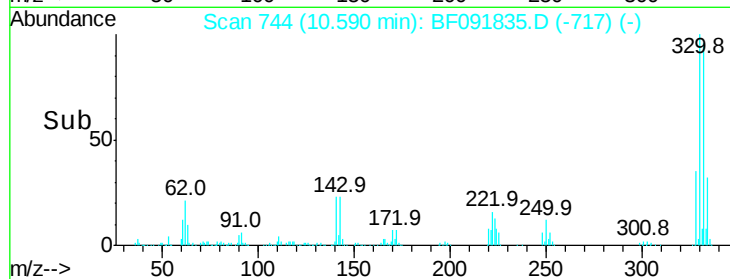
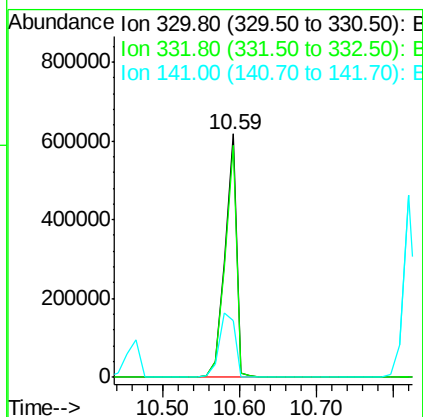
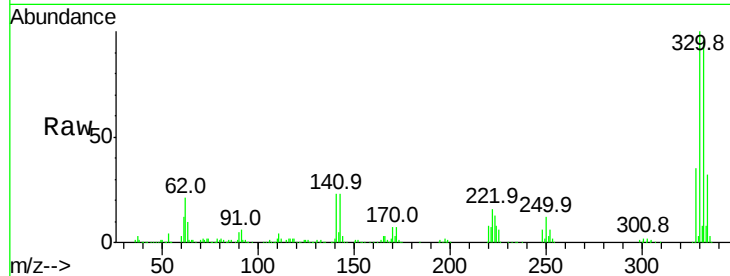
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





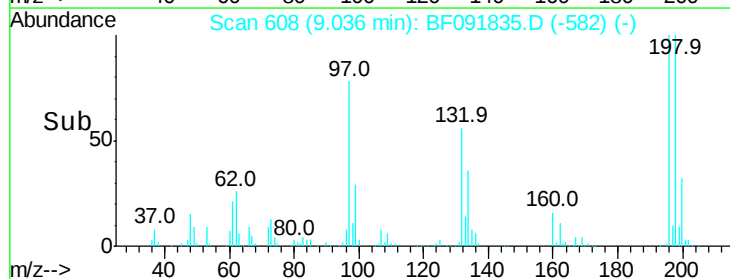
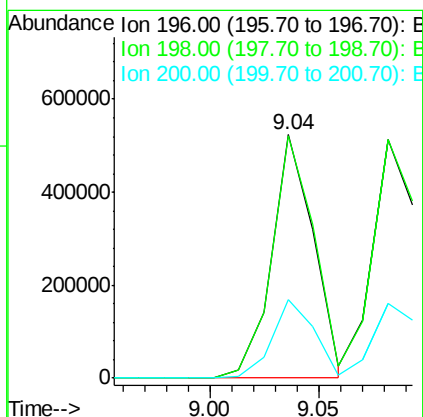
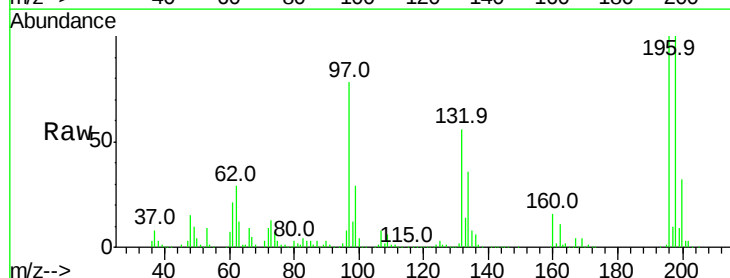
#41
 2,4,6-Tribromophenol
 Concen: 137.37 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	35.7	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 68.93 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

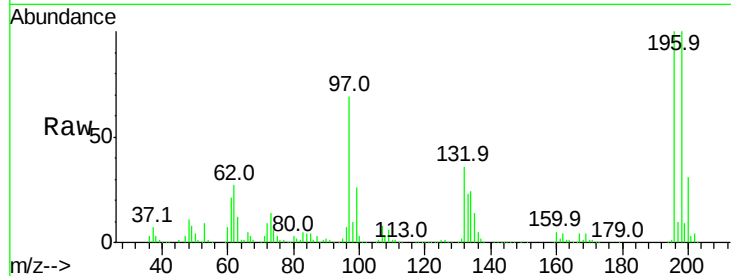
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	82.1	123.1
200	32.1	27.0	40.4





#43
 2,4,5-Trichlorophenol
 Concen: 69.68 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion:	196	Resp:	700789
Ion	Ratio	Lower	Upper
196	100		
198	100.0	79.4	119.2
97	69.4	51.5	77.3
132	36.4	27.4	41.2



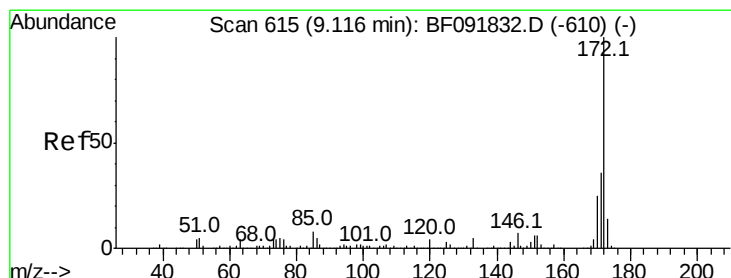
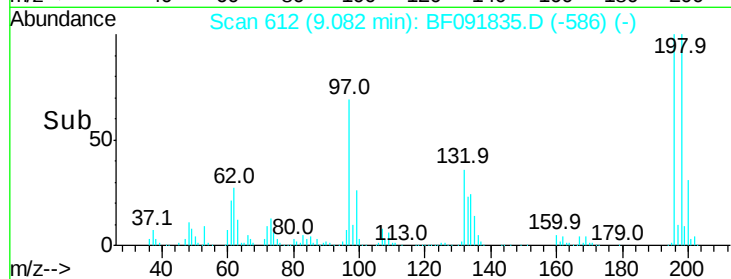
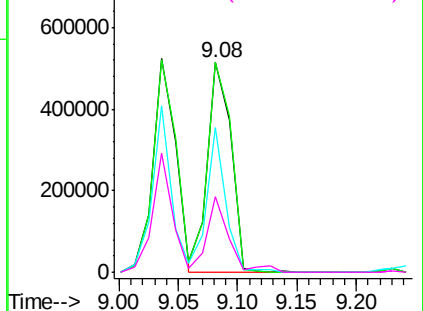
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

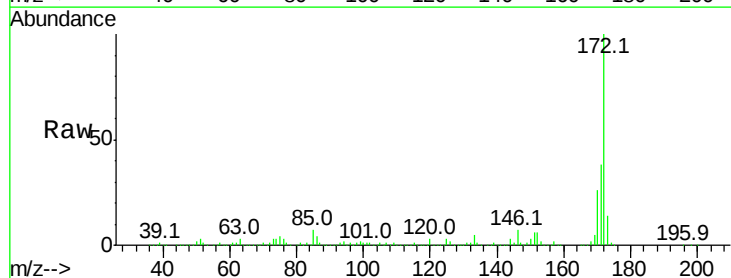
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 144.18 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion:	172	Resp:	4125551
Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.0
170	26.0	20.2	30.4

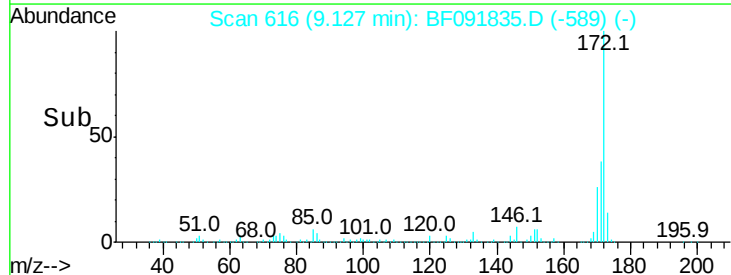
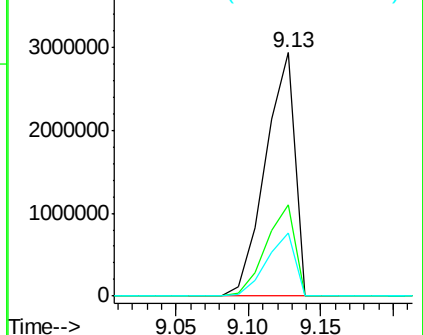


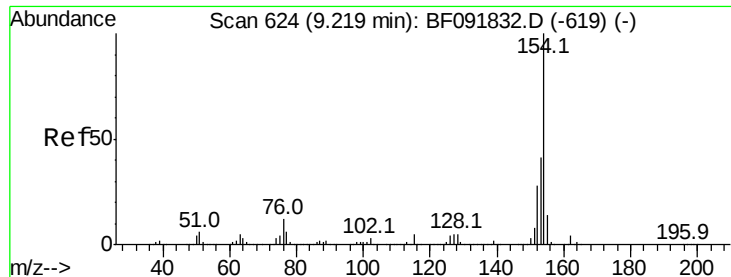
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

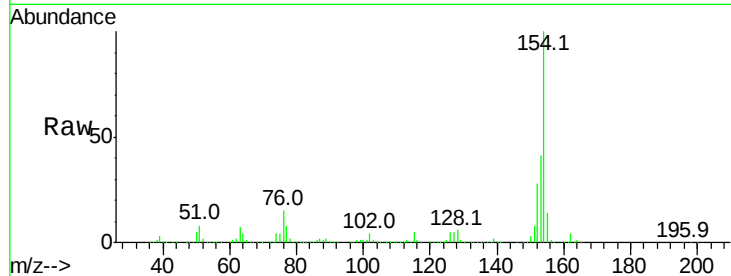
Ion 170.00 (169.70 to 170.70): E



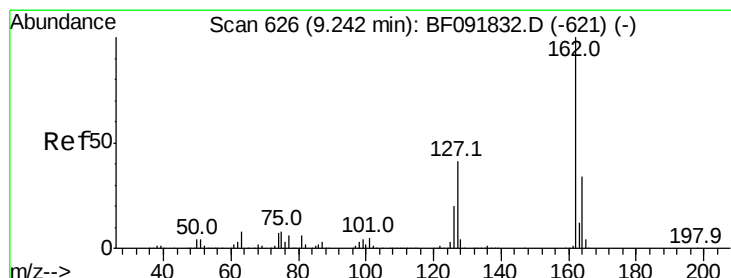
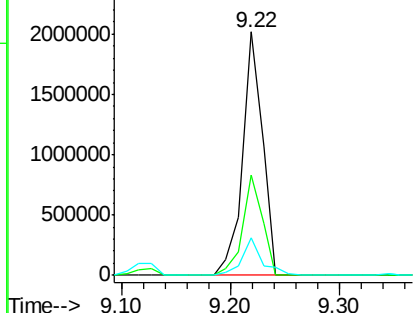
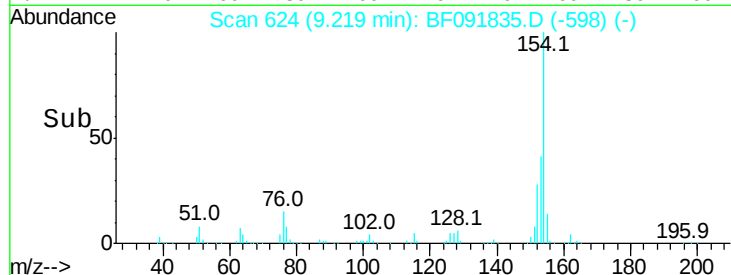


#45
1,1'-Biphenyl
Concen: 61.56 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:154 Resp: 2536507
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 15.3 0.0 30.5

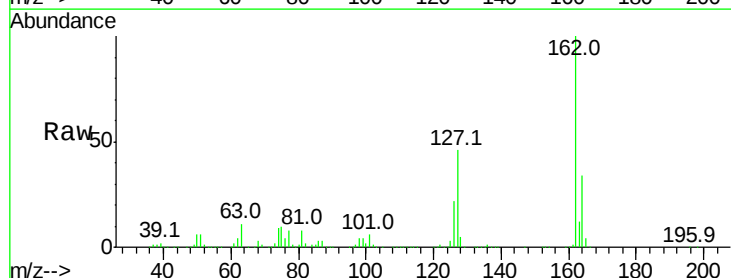


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

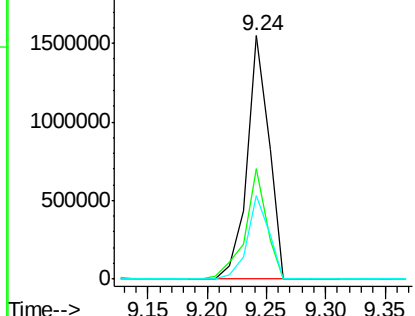
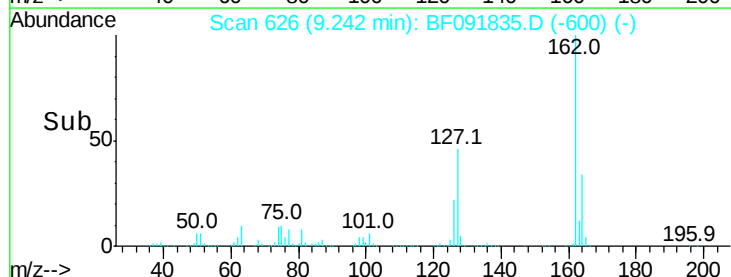


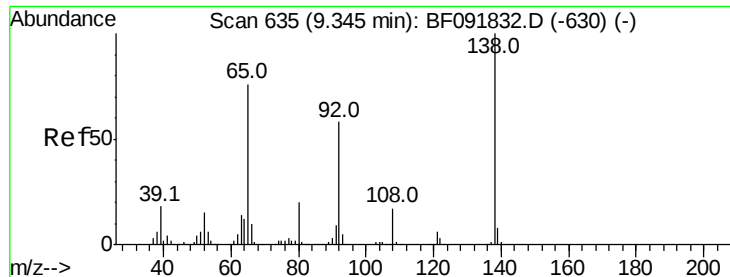
#46
2-Chloronaphthalene
Concen: 64.36 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion:162 Resp: 1981634
Ion Ratio Lower Upper
162 100
127 45.6 30.7 46.1
164 34.2 27.6 41.4



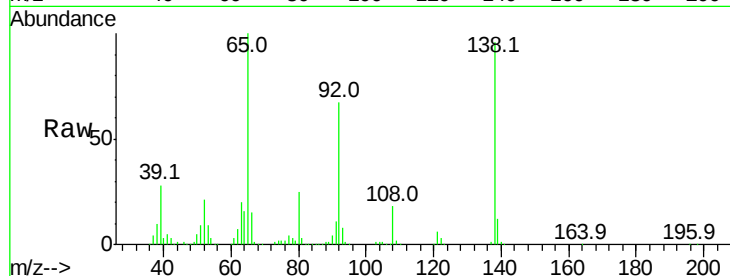
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



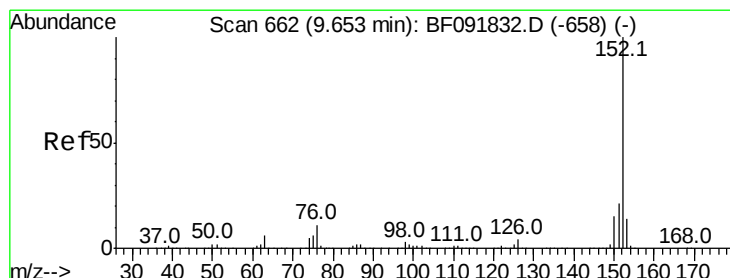
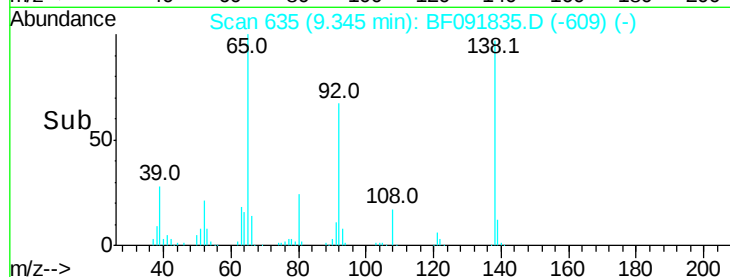
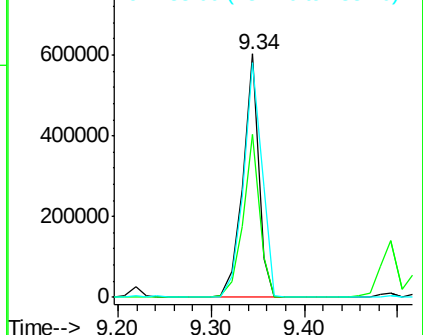


#47
2-Nitroaniline
Concen: 68.08 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.9	80.9
138	96.4	76.8	115.2

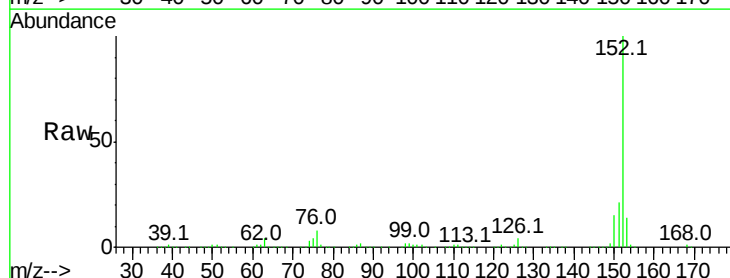


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

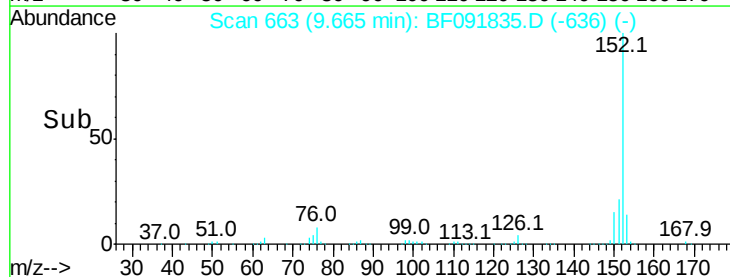
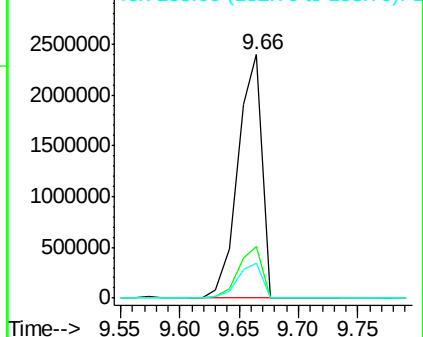


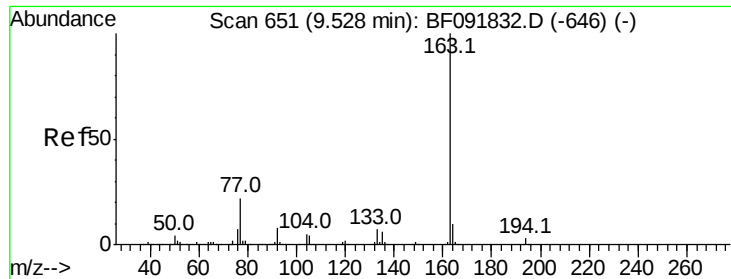
#48
Acenaphthylene
Concen: 70.16 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	14.1	11.4	17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 68.92 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

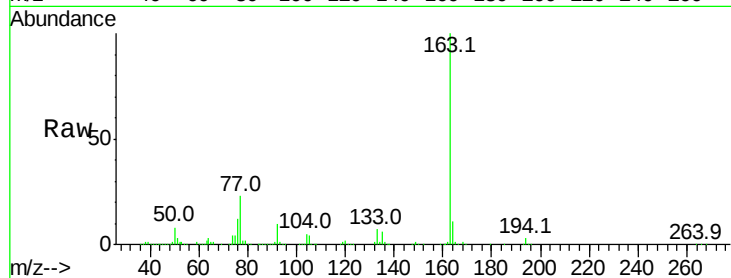
Tot Ion:163 Resp: 2588048

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

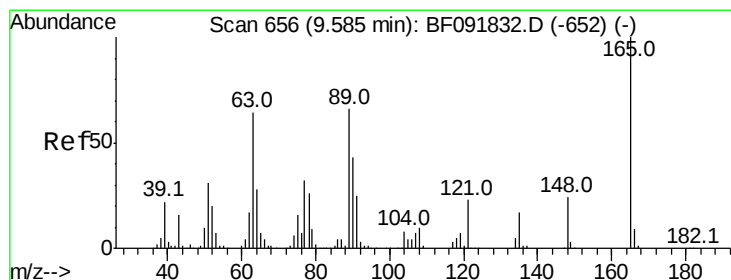
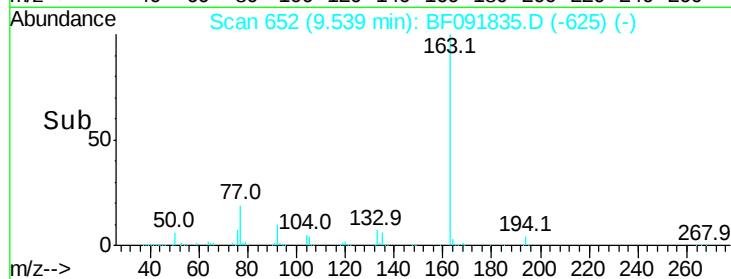
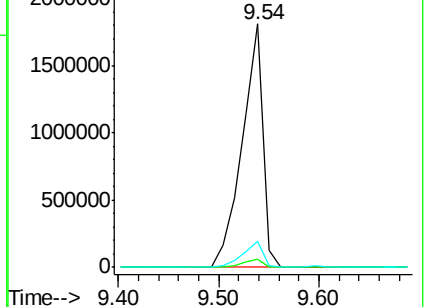
164 10.9 8.0 12.0



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: 70.56 ng

RT: 9.60 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

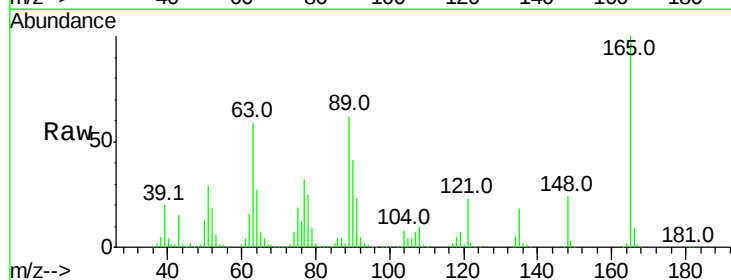
Tgt Ion:165 Resp: 580892

Ion Ratio Lower Upper

165 100

63 59.4 36.2 54.4#

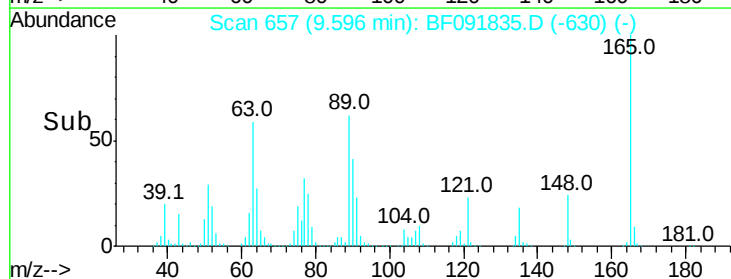
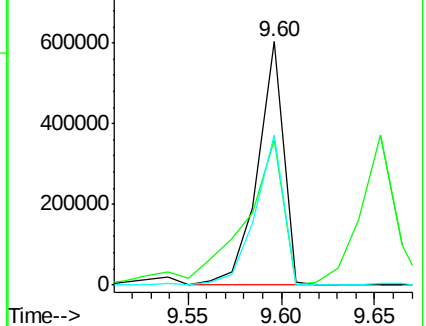
89 61.9 40.2 60.4#

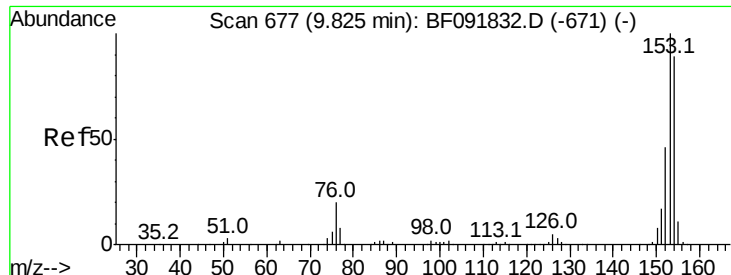


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 69.42 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

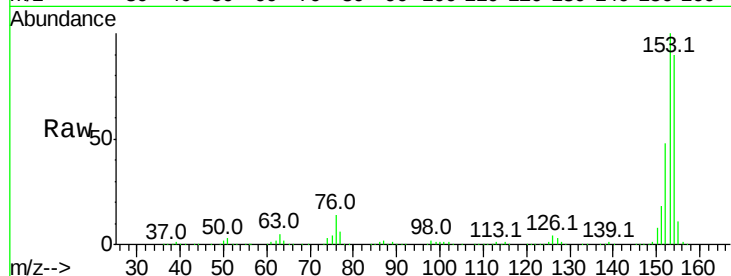
Tot Ion:154 Resp: 2272970

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

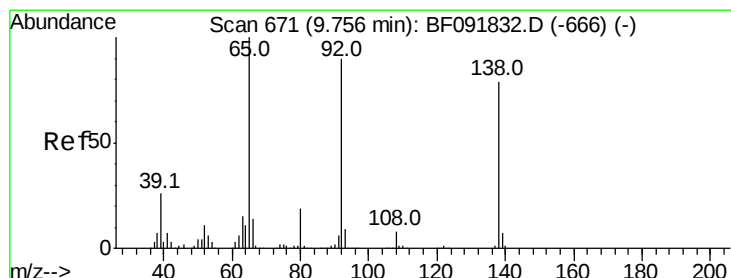
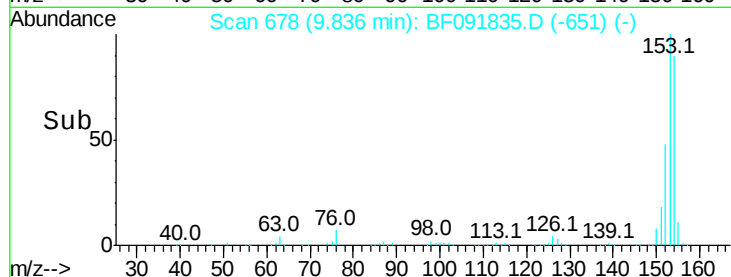
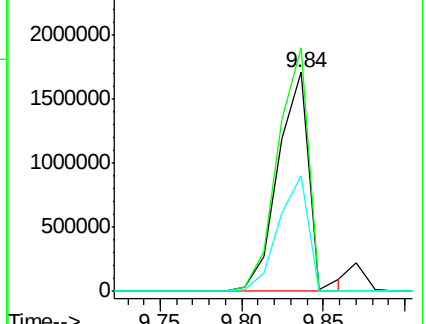
152 52.8 41.6 62.4



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: 72.83 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

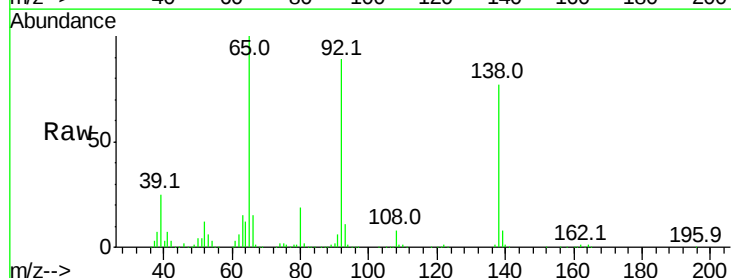
Tgt Ion:138 Resp: 746472

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

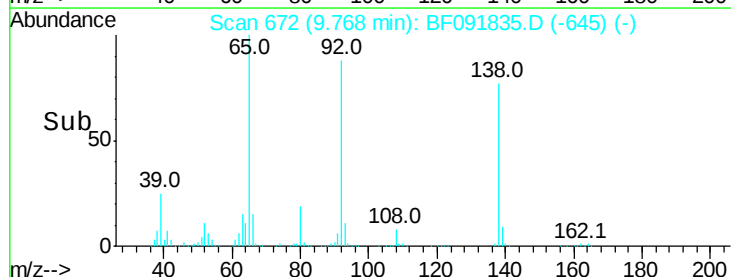
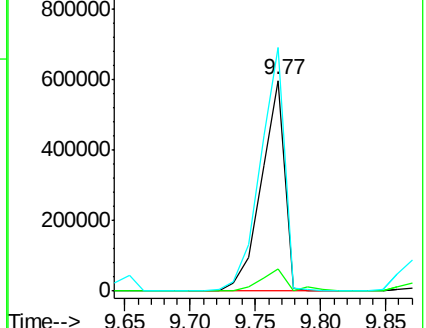
92 115.7 97.8 146.8

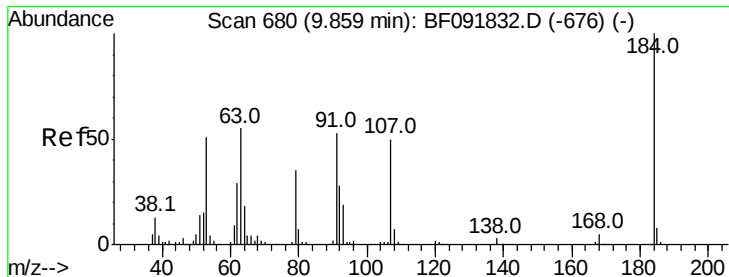


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

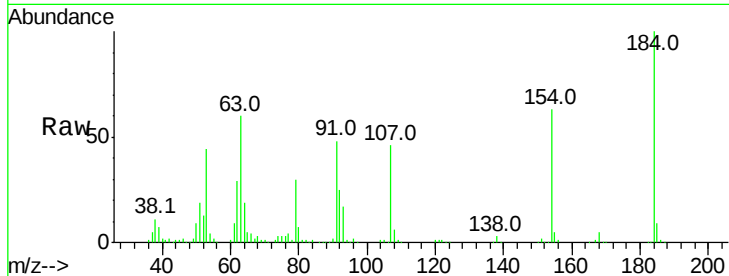
Ion 92.00 (91.70 to 92.70): BF0



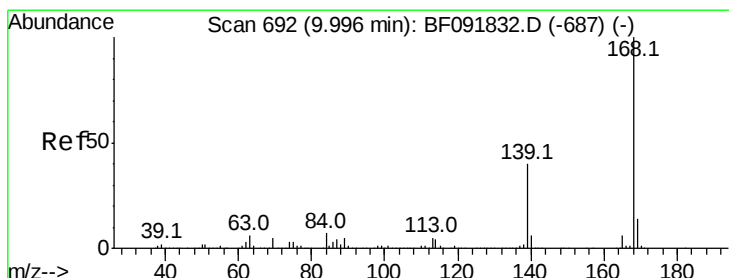
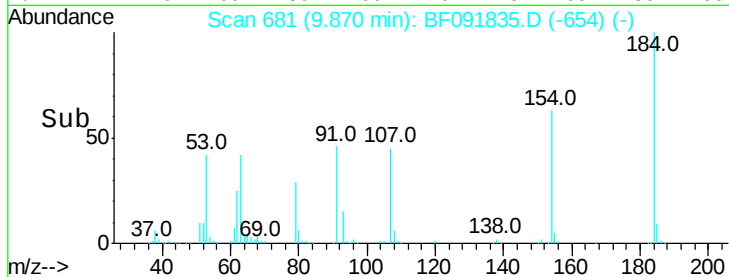
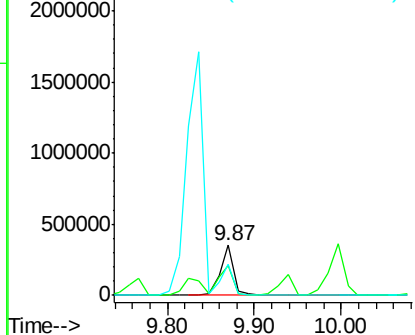


#53
 2,4-Dinitrophenol
 Concen: 87.09 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion:184 Resp: 387327
 Ion Ratio Lower Upper
 184 100
 63 59.7 28.4 42.6#
 154 62.7 44.3 66.5

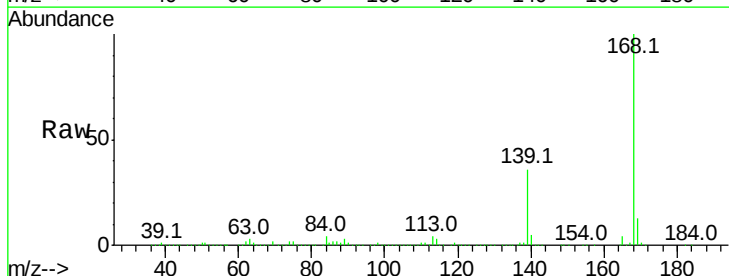


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

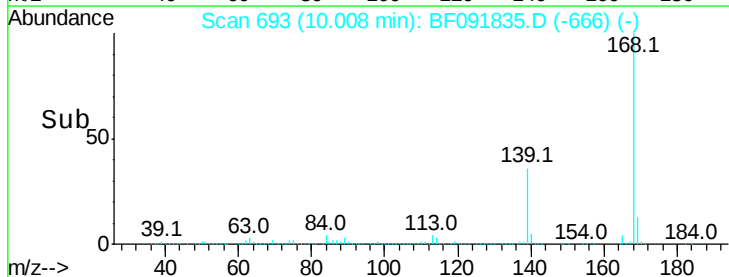
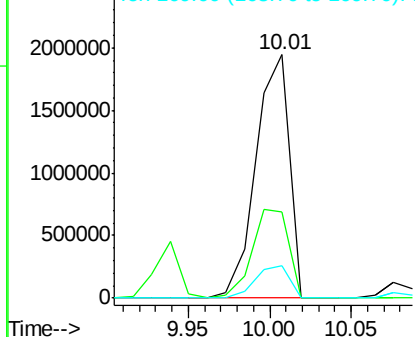


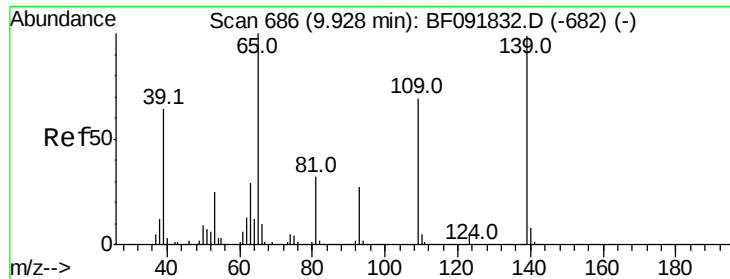
#54
 Dibenzofuran
 Concen: 70.85 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion:168 Resp: 2758693
 Ion Ratio Lower Upper
 168 100
 139 35.5 32.6 49.0
 169 13.3 11.3 16.9



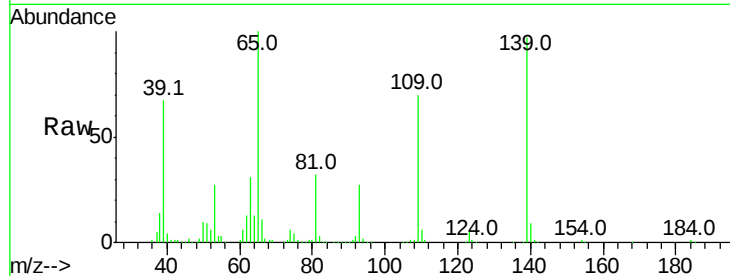
Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E



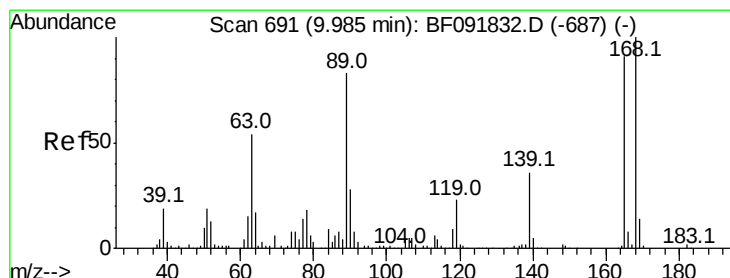
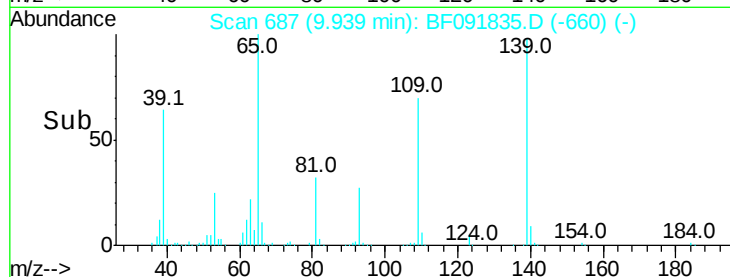
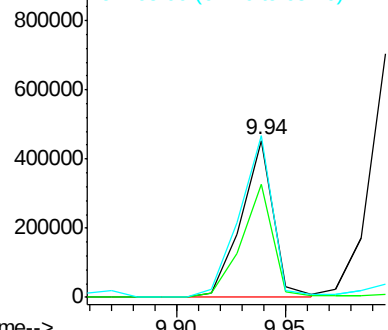


#55
4-Nitrophenol
Concen: 66.49 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:139 Resp: 473272
Ion Ratio Lower Upper
139 100
109 71.7 52.2 92.2
65 102.7 85.8 125.8

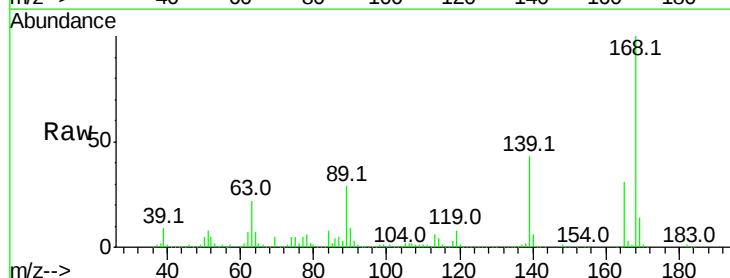


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

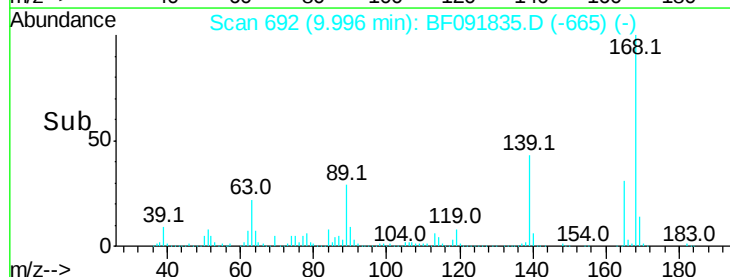
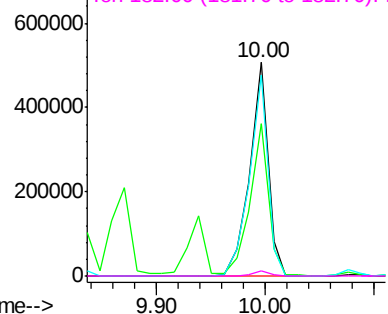


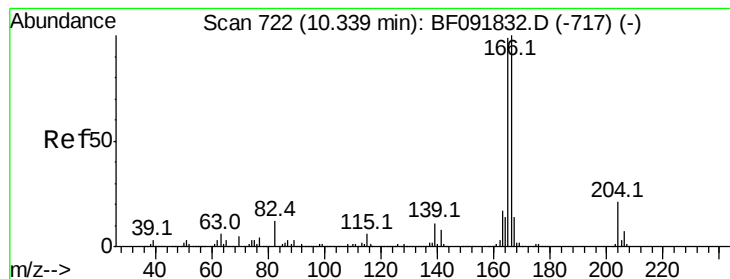
#56
2,4-Dinitrotoluene
Concen: 58.43 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion:165 Resp: 600947
Ion Ratio Lower Upper
165 100
63 71.4 40.2 60.4#
89 94.1 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: 67.83 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

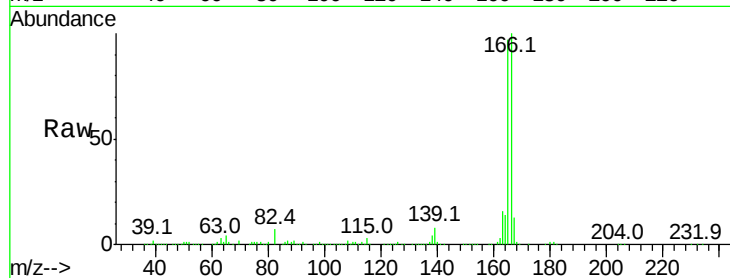
Tot Ion:166 Resp: 2051323

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.8

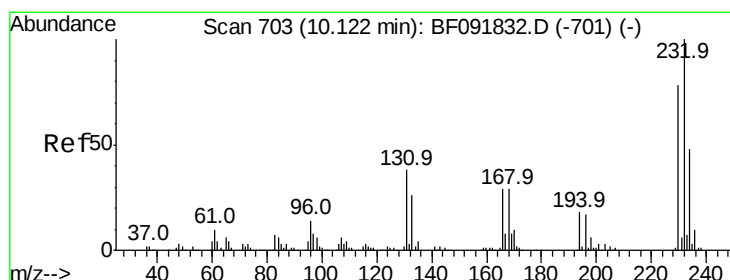
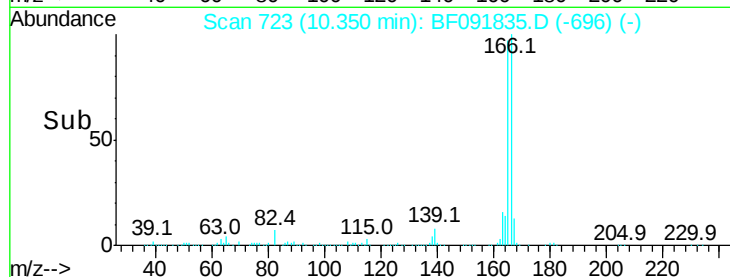
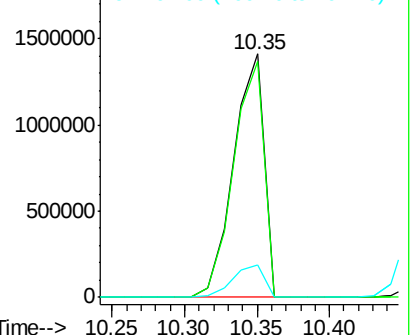
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.81 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tgt Ion:232 Resp: 513943

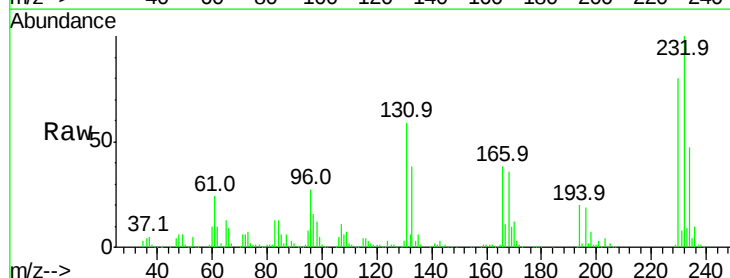
Ion Ratio Lower Upper

232 100

131 54.1 40.1 60.1

130 2.6 1.8 2.8

166 34.2 26.6 39.8

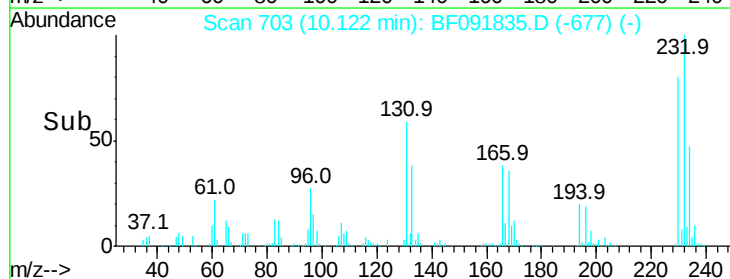
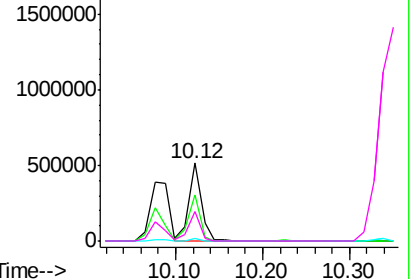


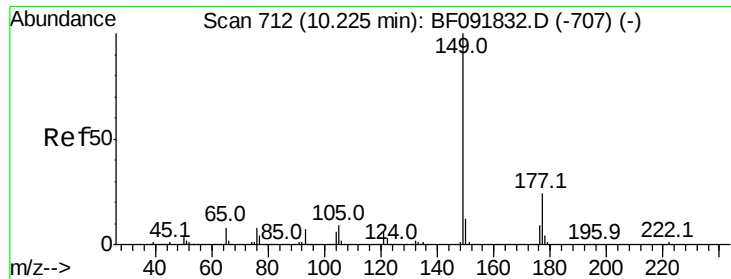
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

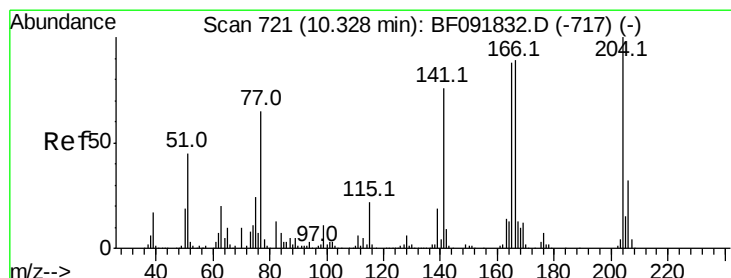
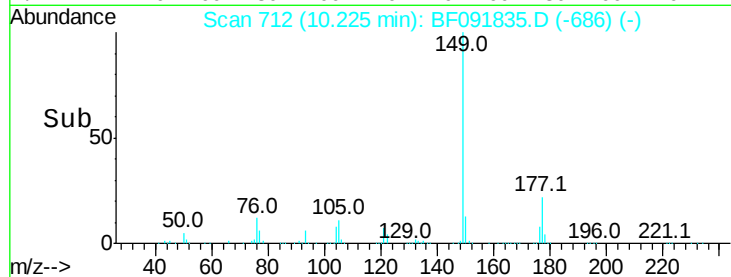
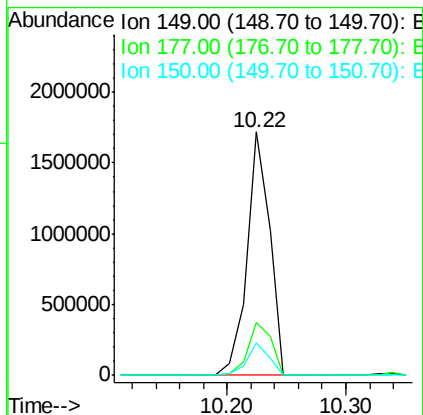
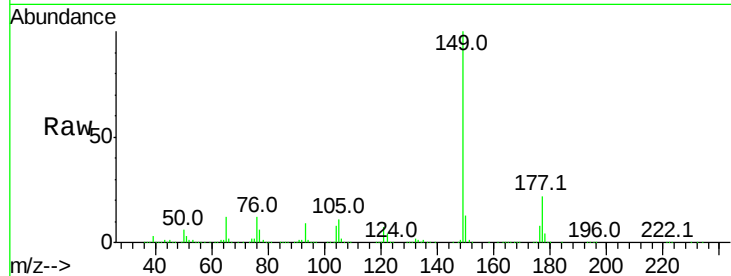
Ion 166.00 (165.70 to 166.70): E





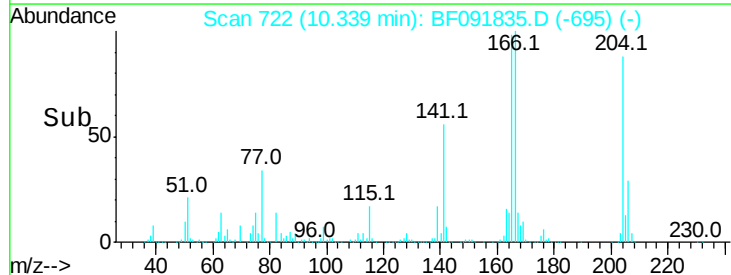
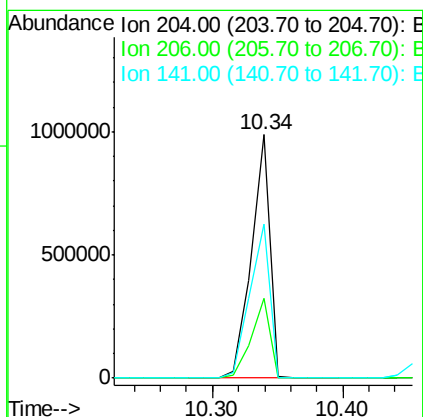
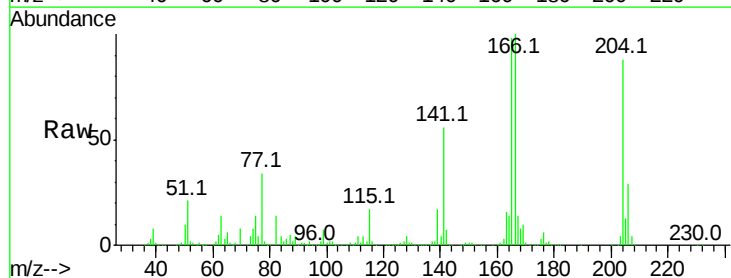
#59
Diethylphthalate
Concen: 62.09 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

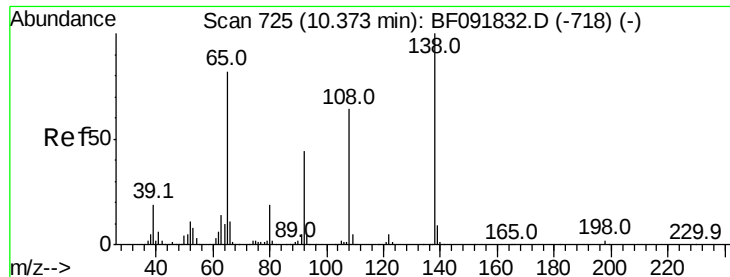
Tot Ion:149 Resp: 2291689
Ion Ratio Lower Upper
149 100
177 21.8 16.6 25.0
150 13.1 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 70.81 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

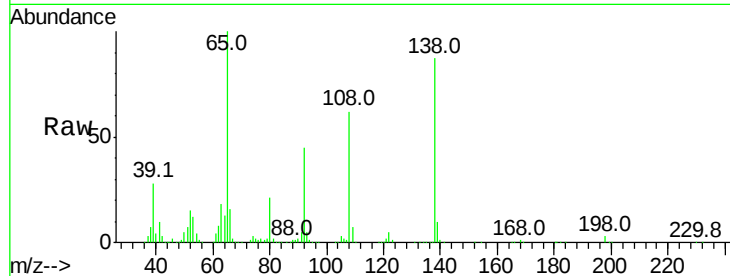
Tgt Ion:204 Resp: 975444
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 63.3 59.4 89.0



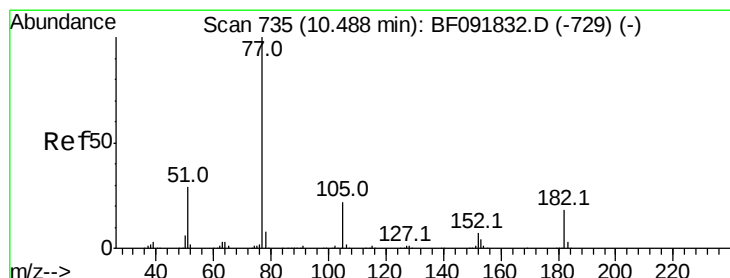
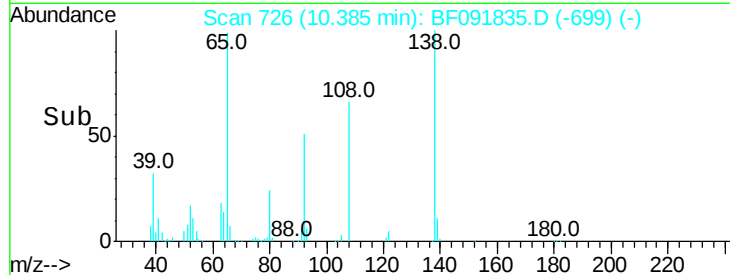
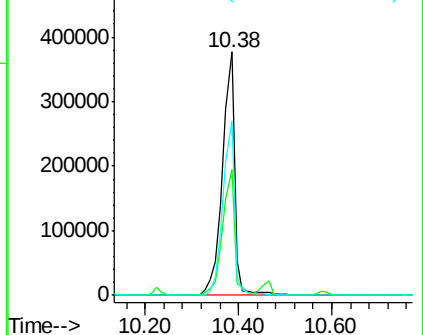


#61
4-Nitroaniline
Concen: 69.78 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:138 Resp: 677690
Ion Ratio Lower Upper
138 100
92 51.6 31.7 71.7
108 71.8 52.6 92.6

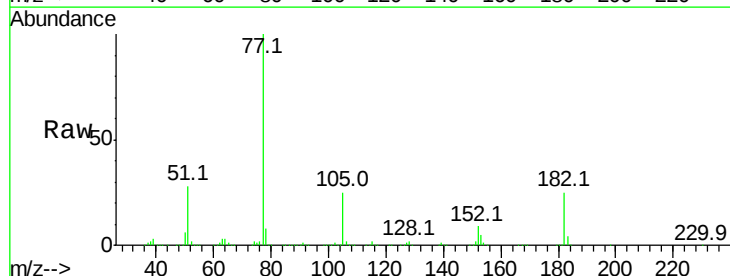


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

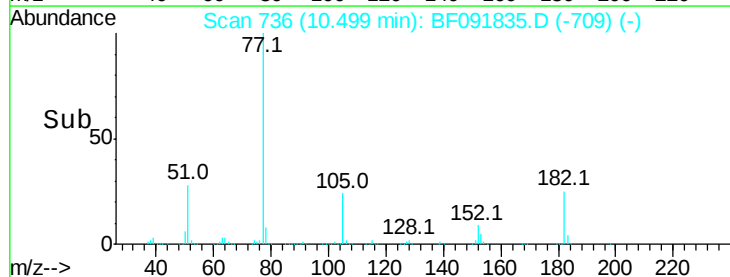
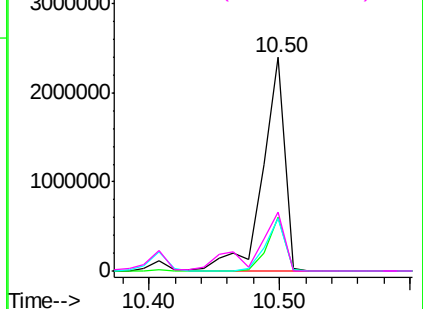


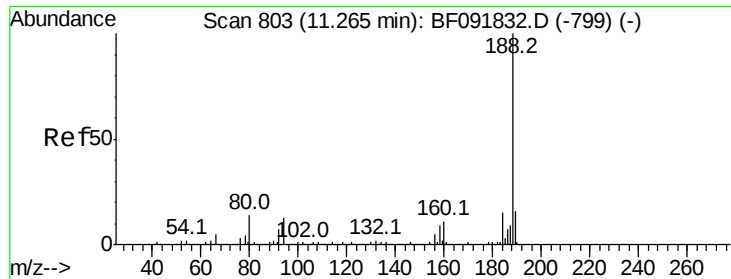
#62
Azobenzene
Concen: 71.96 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion: 77 Resp: 2826128
Ion Ratio Lower Upper
77 100
182 24.9 0.0 39.3
105 24.5 2.3 42.3
51 27.8 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: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

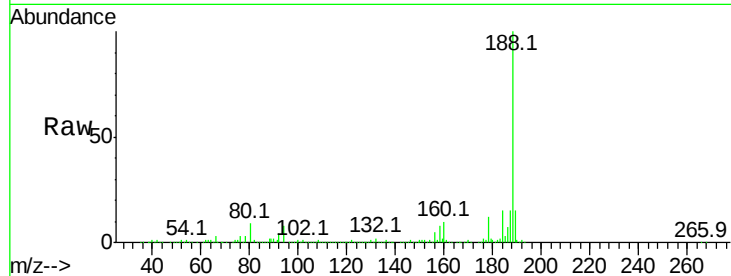
Tot Ion:188 Resp: 920300

Ion Ratio Lower Upper

188 100

94 8.0 10.0 15.0#

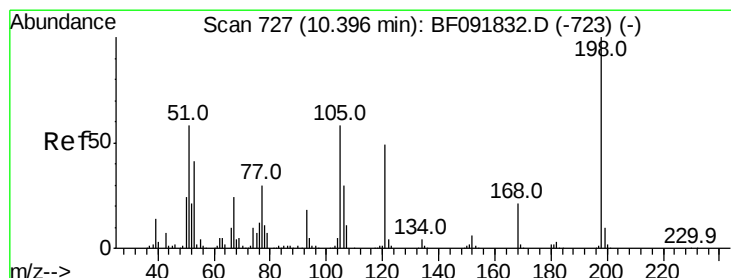
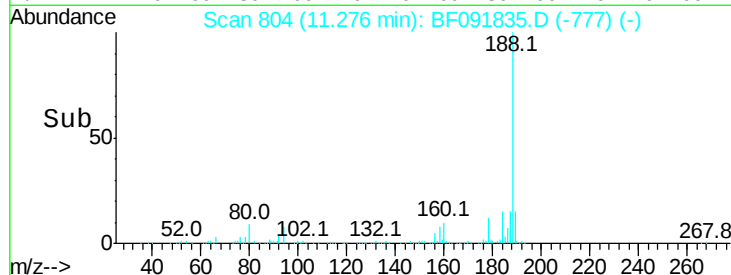
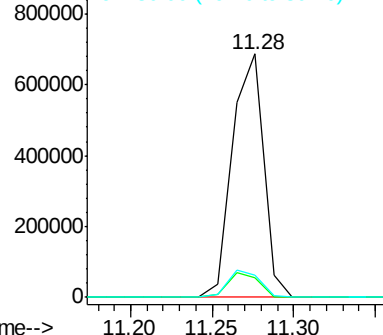
80 9.0 11.2 16.8#



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: 67.91 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

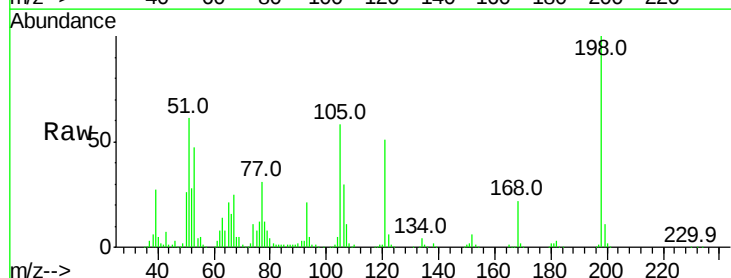
Tgt Ion:198 Resp: 412188

Ion Ratio Lower Upper

198 100

51 60.9 6.7 46.7#

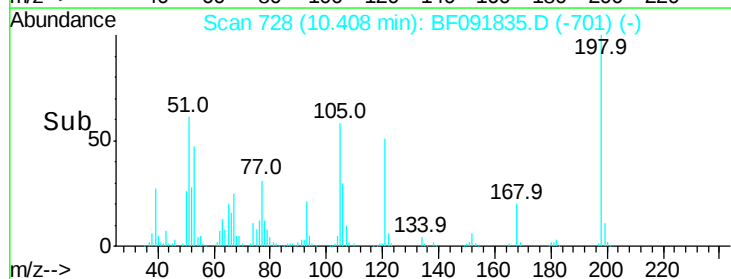
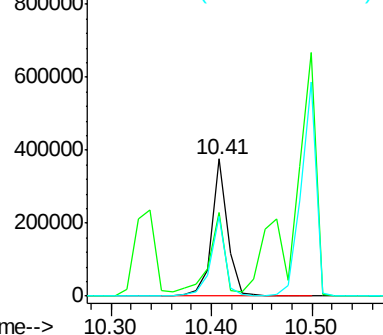
105 58.3 16.6 56.6#

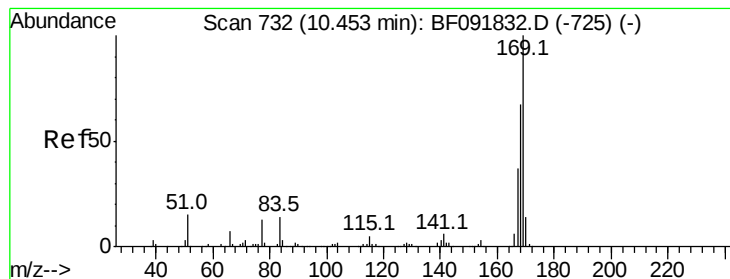


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 70.51 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

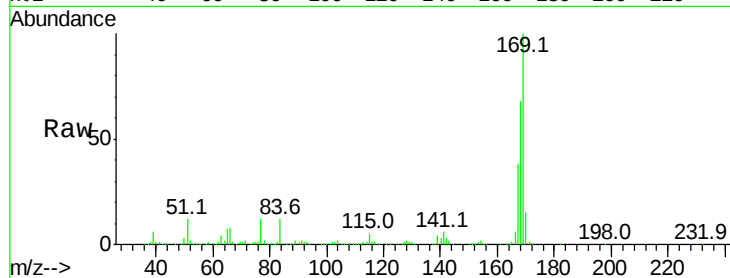
Tot Ion:169 Resp: 2014855

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

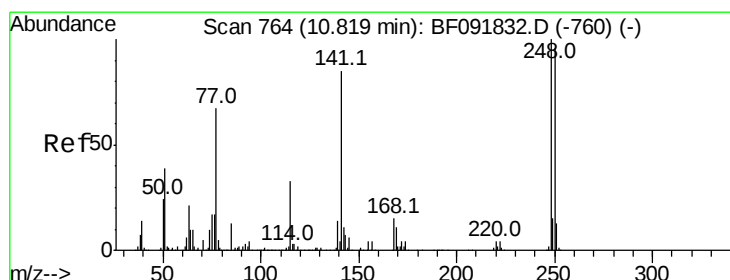
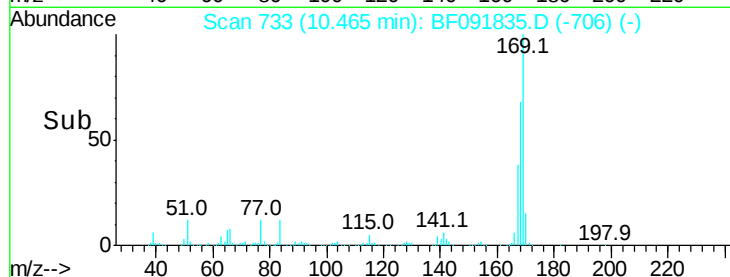
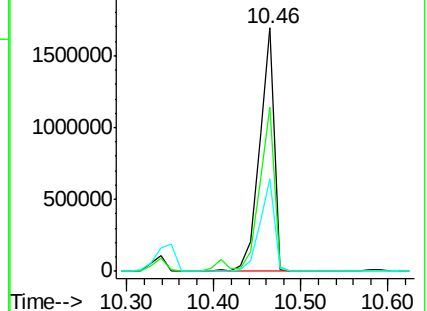
167 38.2 30.2 45.4



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: 67.58 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

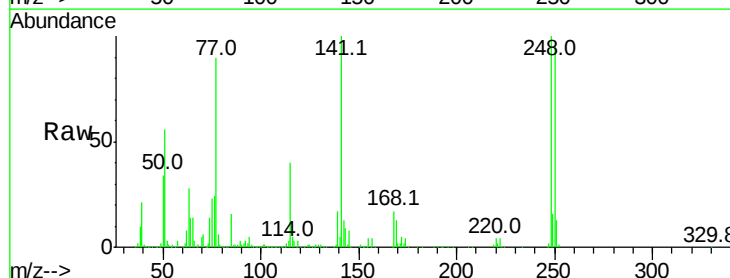
Tgt Ion:248 Resp: 652162

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

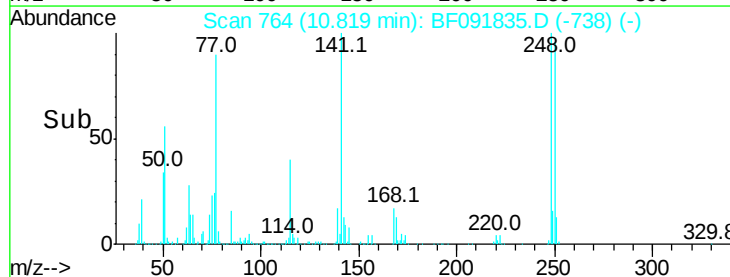
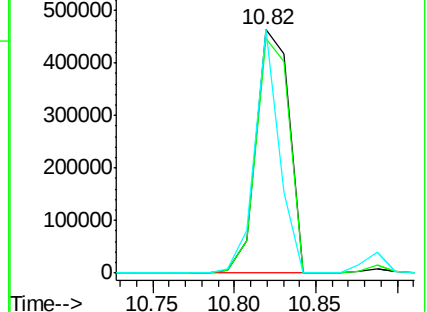
141 99.9 68.2 102.4

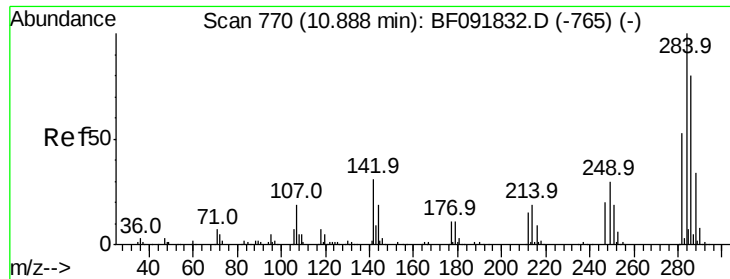


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 63.49 ng

RT: 10.89 min Scan# 770

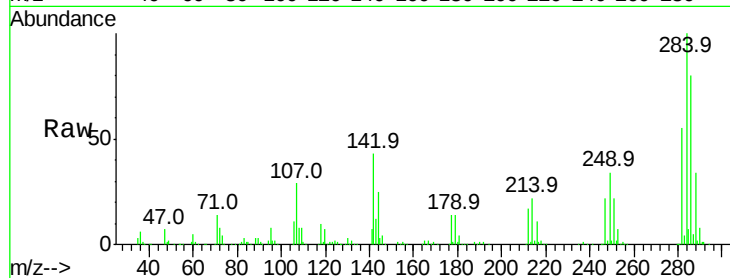
Delta R.T. -0.00 min

Lab File: BF091835.D

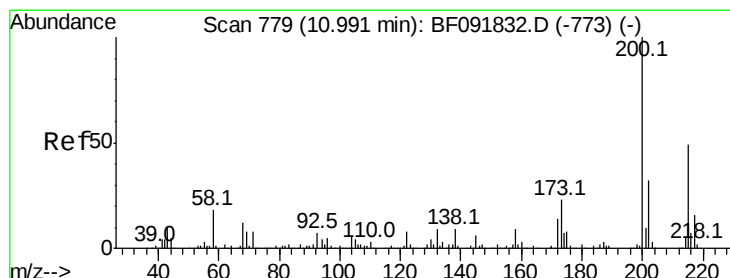
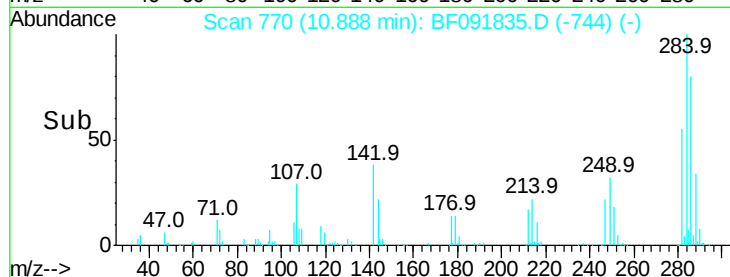
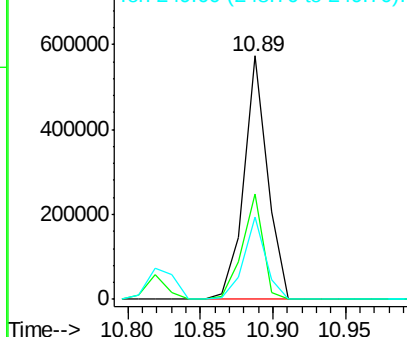
Acq: 21 Dec 2016 15:00

Tot Ion:284 Resp: 642013

Ion	Ratio	Lower	Upper
284	100		
142	43.1	22.6	33.8#
249	34.1	25.4	38.0



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



#68

Atrazine

Concen: 54.08 ng

RT: 10.99 min Scan# 779

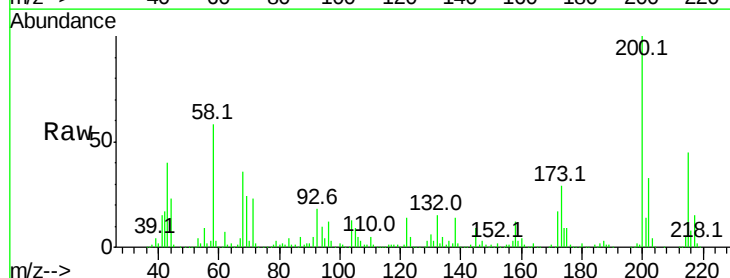
Delta R.T. -0.00 min

Lab File: BF091835.D

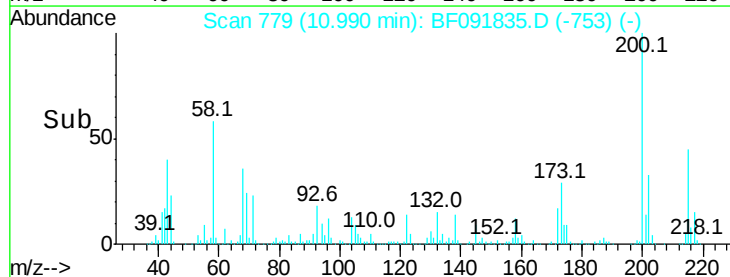
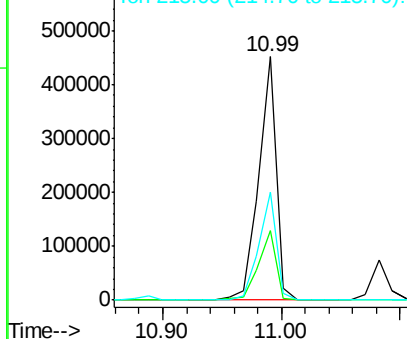
Acq: 21 Dec 2016 15:00

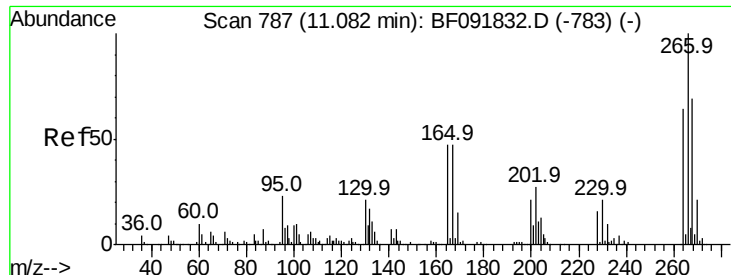
Tgt Ion:200 Resp: 467085

Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.6	49.6
215	44.6	25.7	65.7



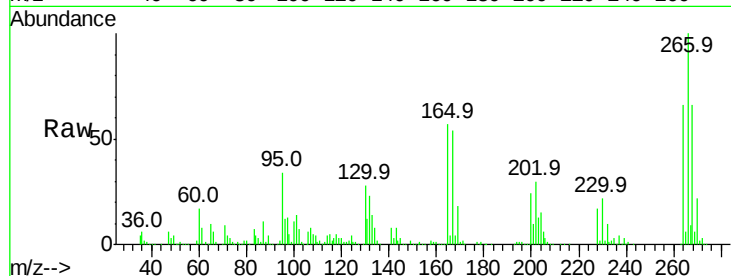
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



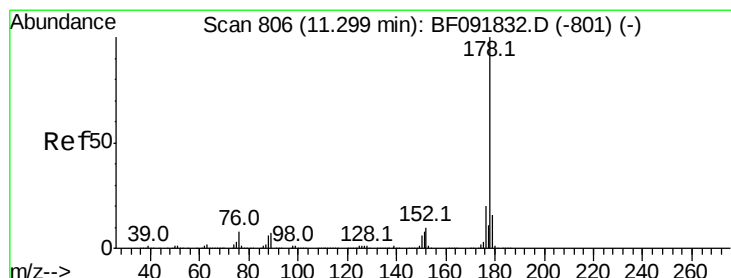
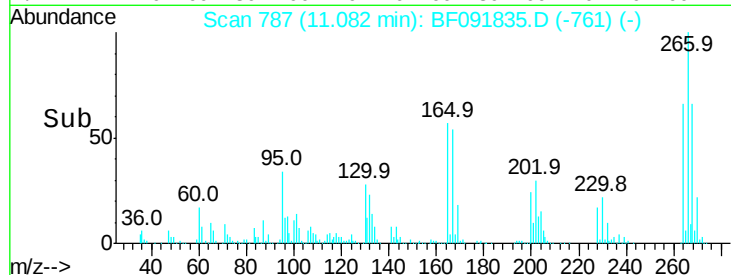
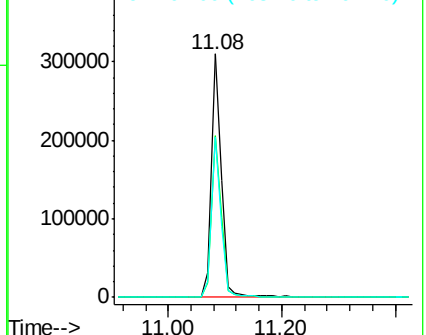


#69
 Pentachlorophenol
 Concen: 67.16 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	53.3	79.9
264	65.8	50.3	75.5

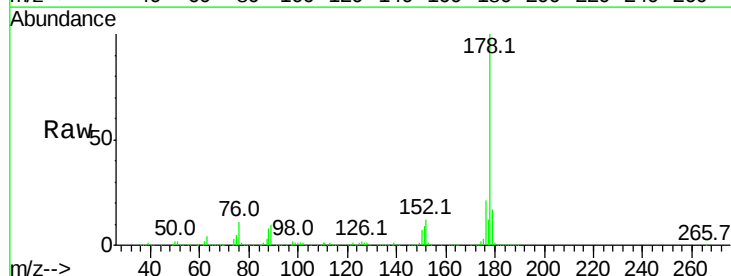


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

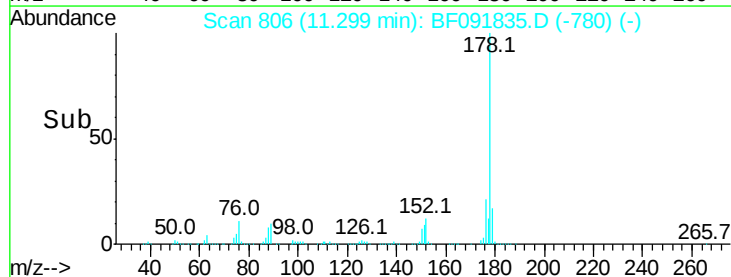
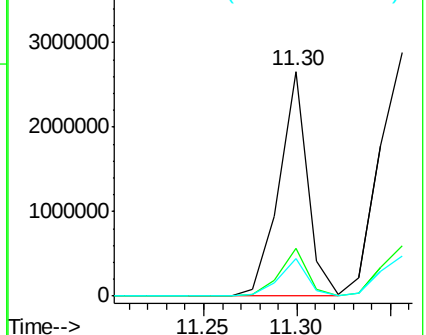


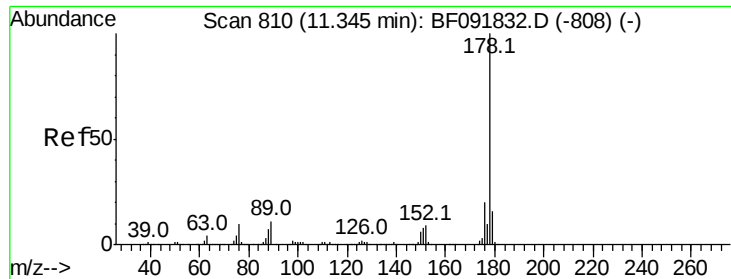
#70
 Phenanthrene
 Concen: 61.51 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	25.0
179	16.7	12.8	19.2



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





#71

Anthracene

Concen: 69.26 ng

RT: 11.36 min Scan# 811

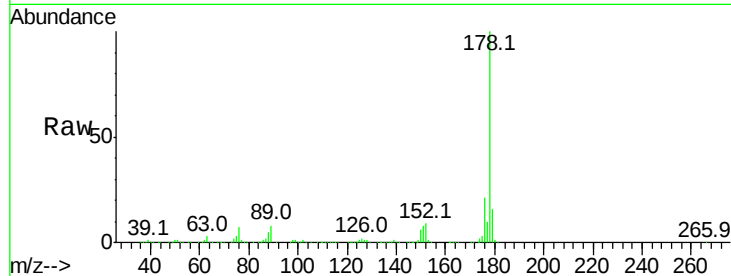
Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tot Ion:178 Resp: 3373210

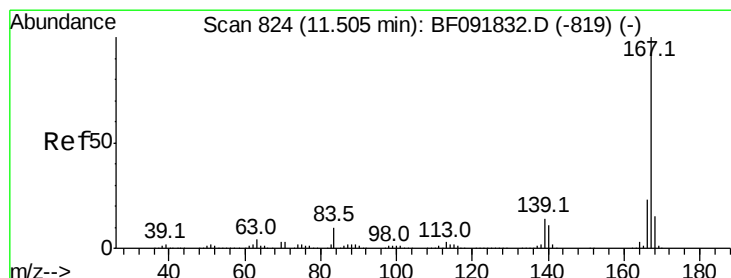
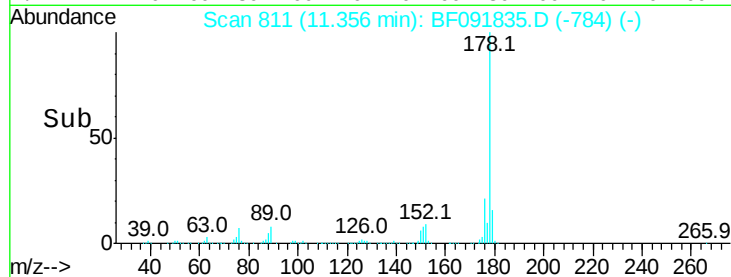
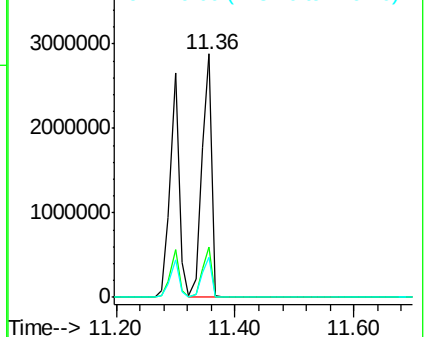
Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	16.4	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 73.25 ng

RT: 11.52 min Scan# 825

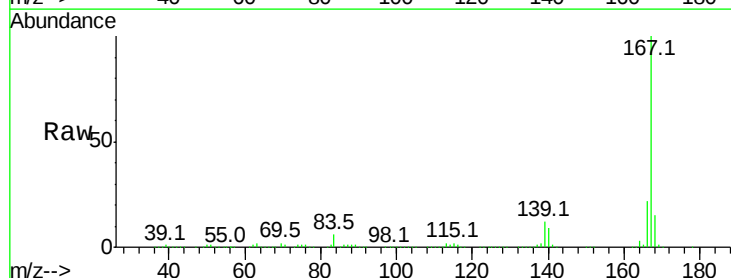
Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tgt Ion:167 Resp: 3119736

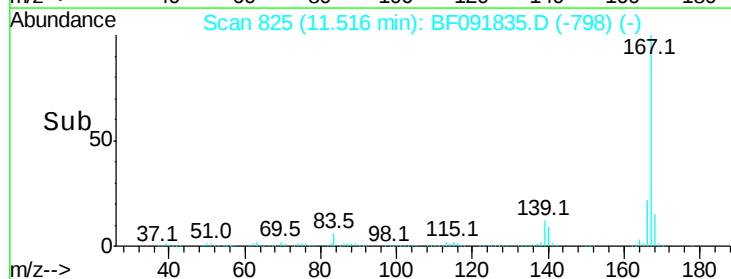
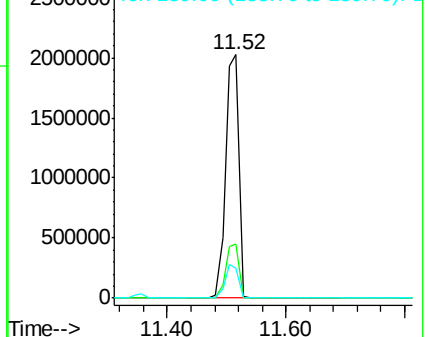
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	12.4	11.4	17.2

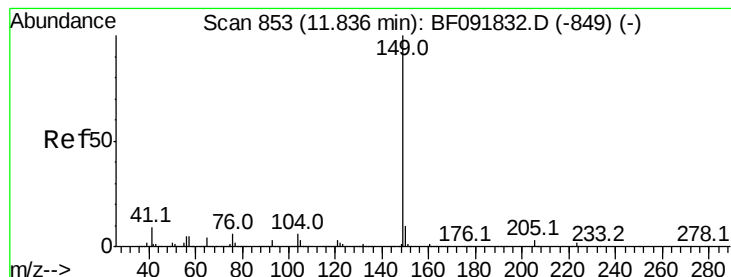


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 67.13 ng

RT: 11.85 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

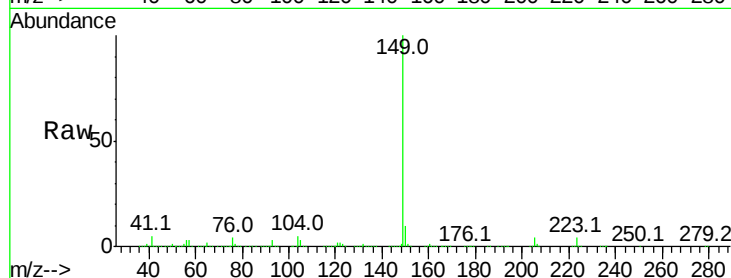
Tot Ion:149 Resp: 3665713

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

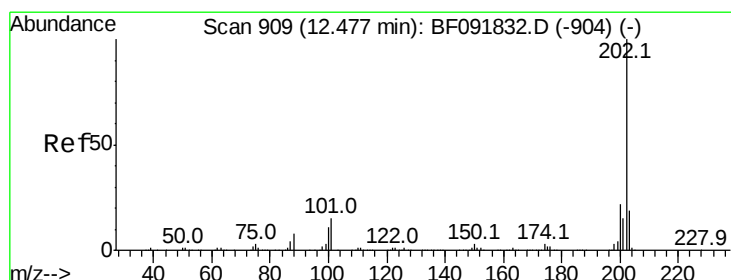
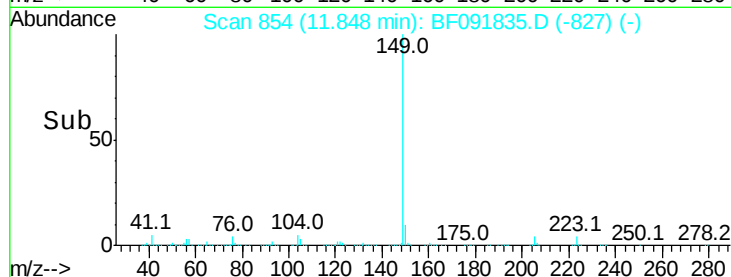
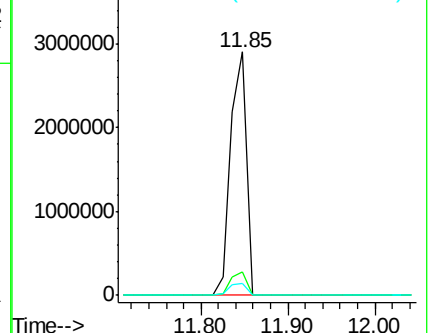
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 69.62 ng

RT: 12.49 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

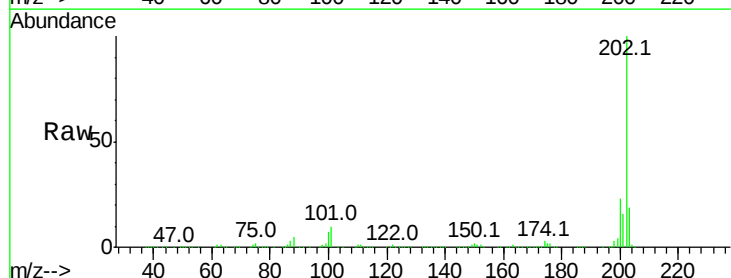
Tgt Ion:202 Resp: 3343940

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.6

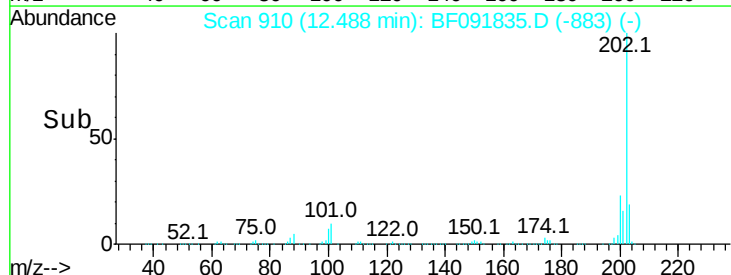
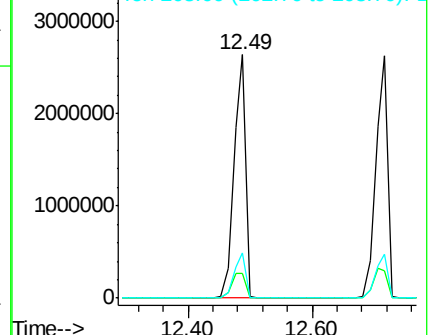
203 18.7 0.0 38.7

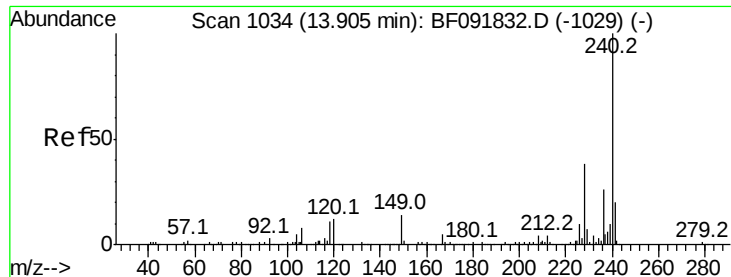


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

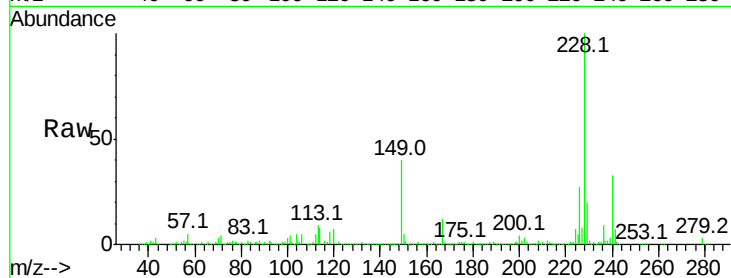
Tot Ion:240 Resp: 527377

Ion Ratio Lower Upper

240 100

120 20.6 12.9 19.3#

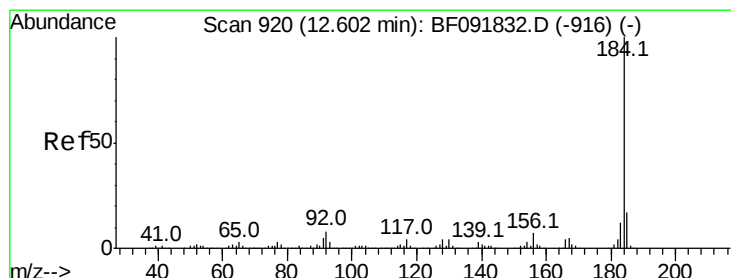
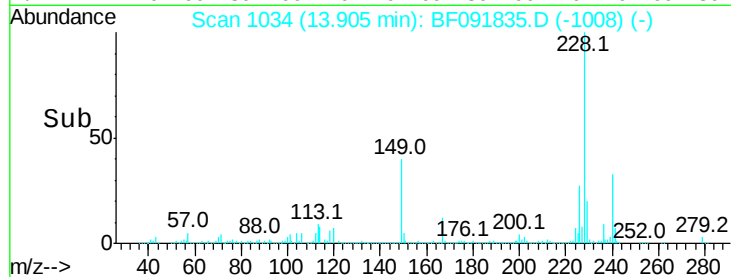
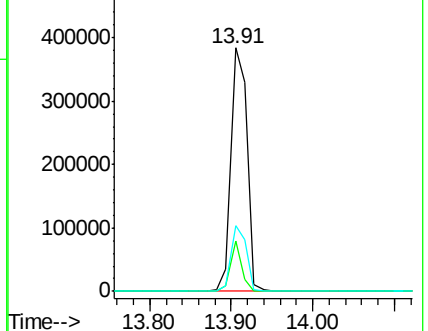
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.93 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

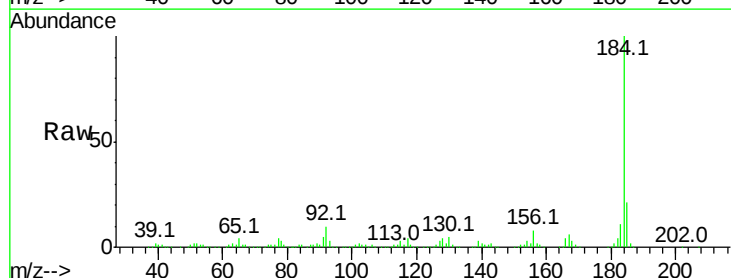
Tgt Ion:184 Resp: 924978

Ion Ratio Lower Upper

184 100

185 20.7 13.4 20.0#

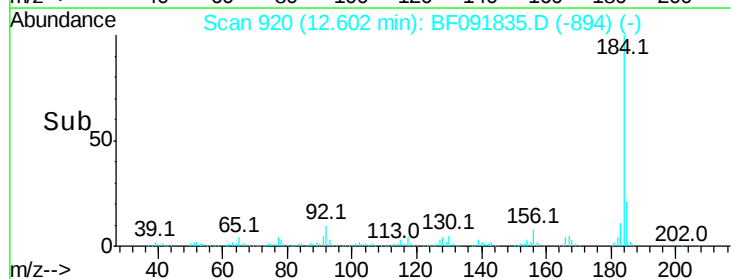
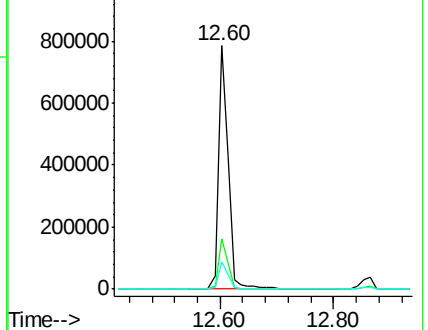
183 11.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

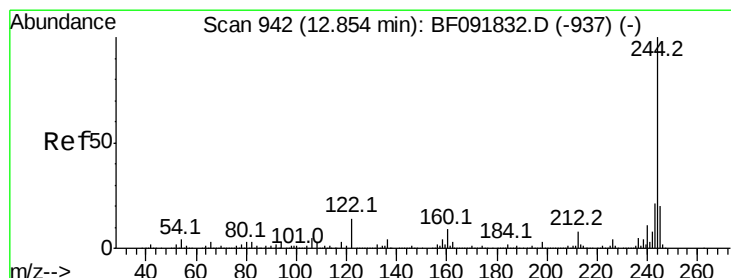
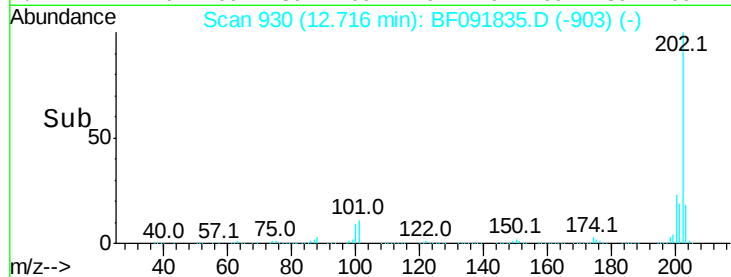
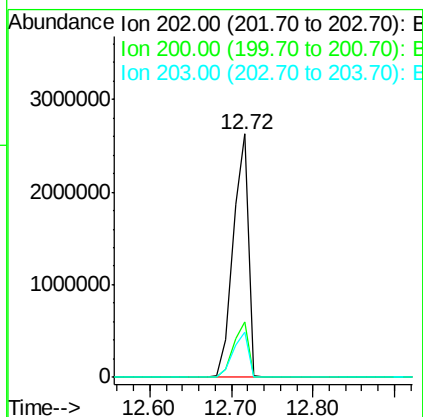
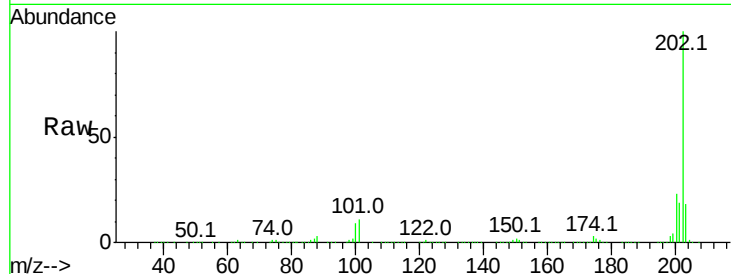




#77
Pvrene
Concen: 89.20 ng
RT: 12.72 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:202 Resp: 3397106

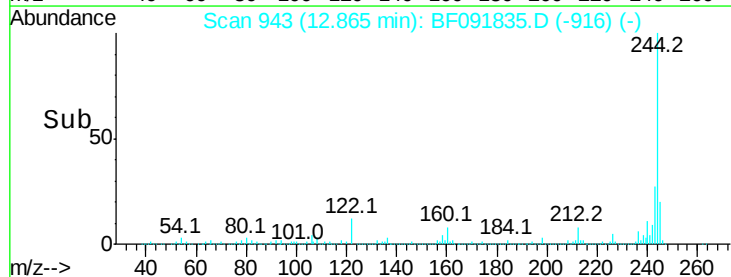
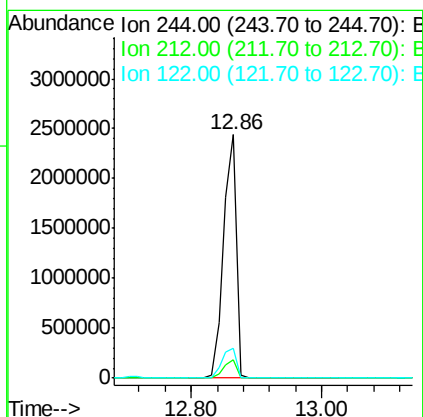
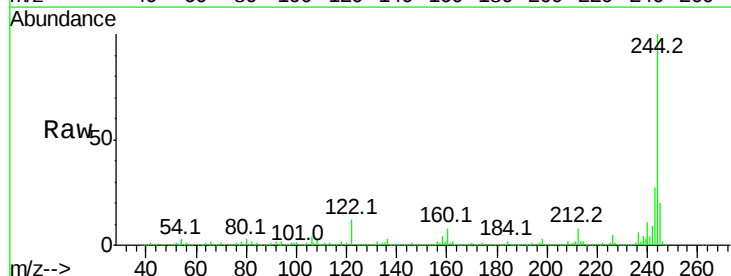
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.7	26.5
203	18.3	14.7	22.1

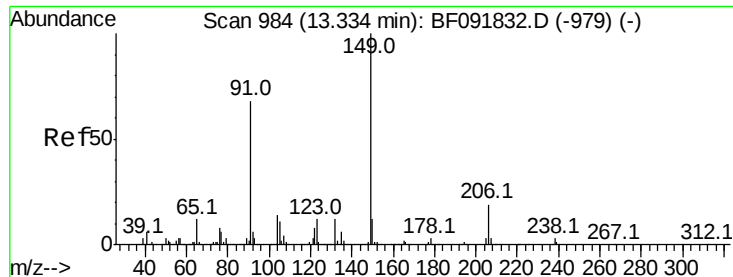


#78
Terphenyl-d14
Concen: 160.60 ng
RT: 12.86 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tgt Ion:244 Resp: 3354390

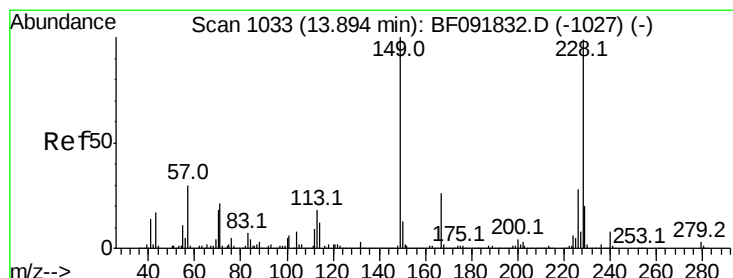
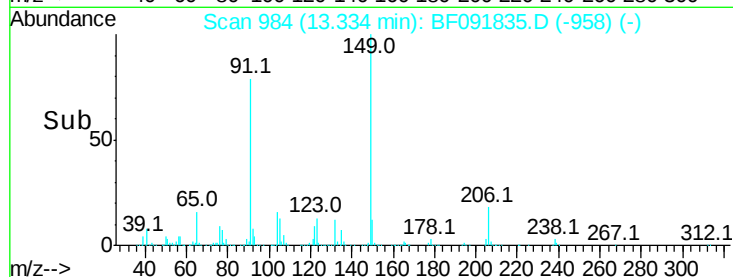
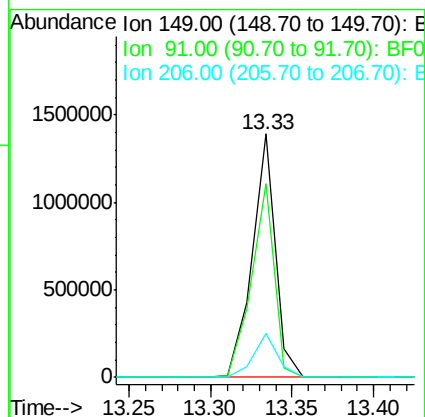
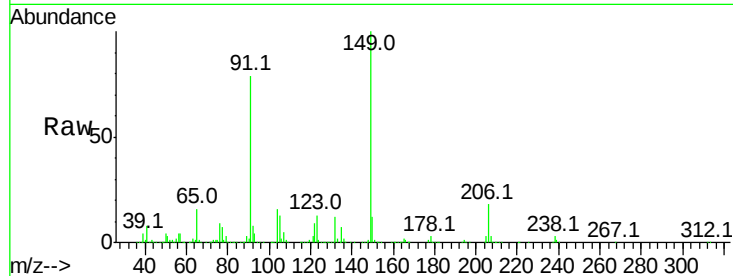
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.1	11.4	17.2





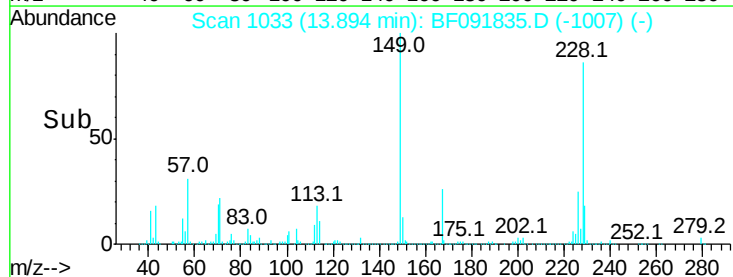
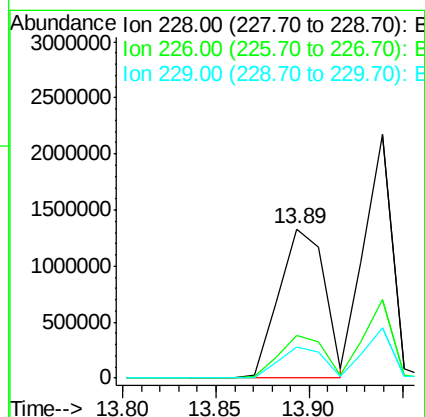
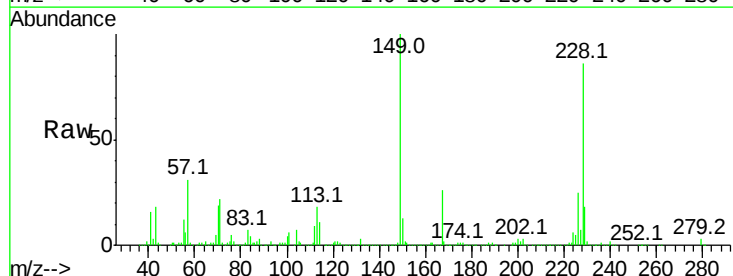
#79
Butylbenzylphthalate
Concen: 76.94 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

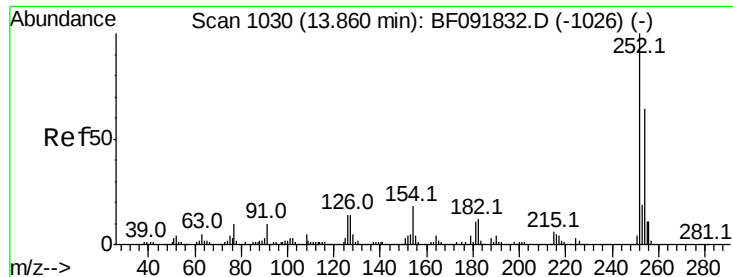
Tot Ion:149 Resp: 1371410
Ion Ratio Lower Upper
149 100
91 79.4 63.9 95.9
206 18.3 14.6 21.8



#80
Benzo(a)anthracene
Concen: 74.97 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

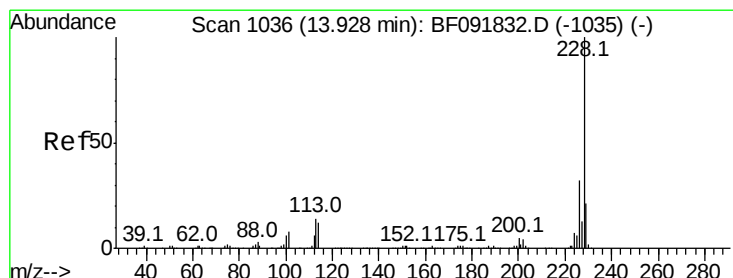
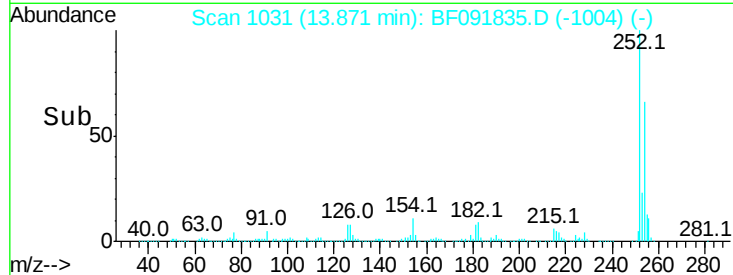
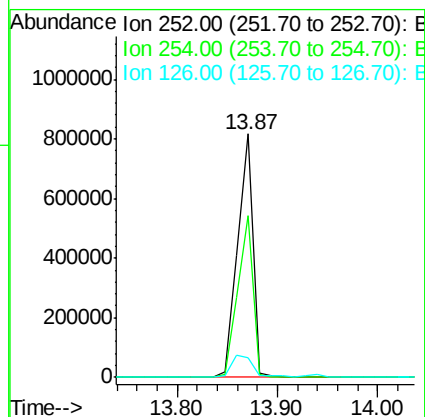
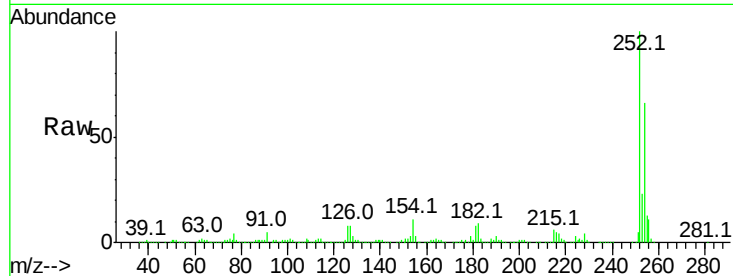
Tgt Ion:228 Resp: 2261440
Ion Ratio Lower Upper
228 100
226 28.7 22.4 33.6
229 20.5 16.2 24.4





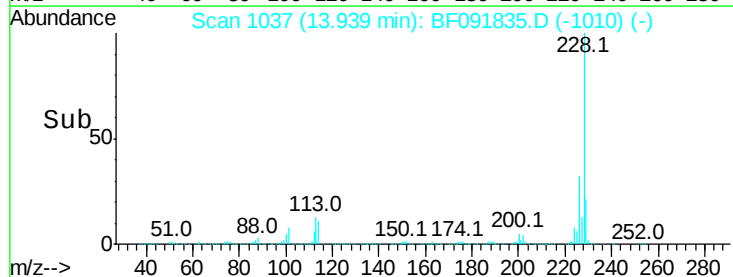
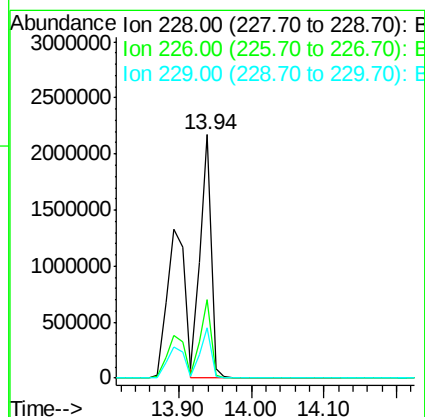
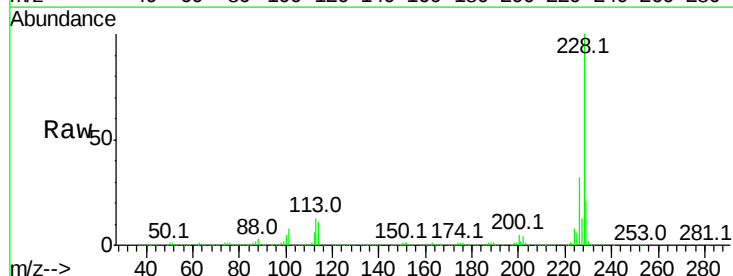
#81
 3,3'-Dichlorobenzidine
 Concen: 72.39 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.3	78.5
126	7.9	13.6	20.4



#82
 Chrysene
 Concen: 73.25 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	20.8	16.2	24.2

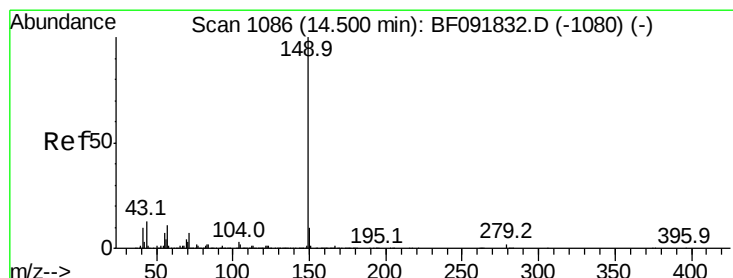
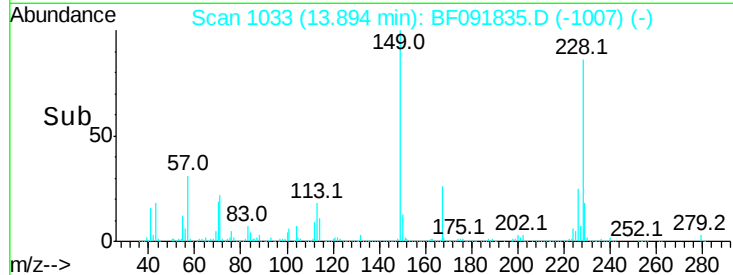
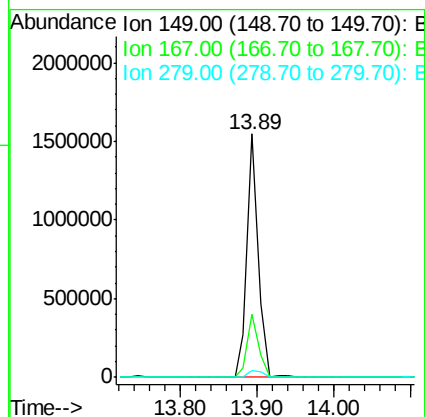
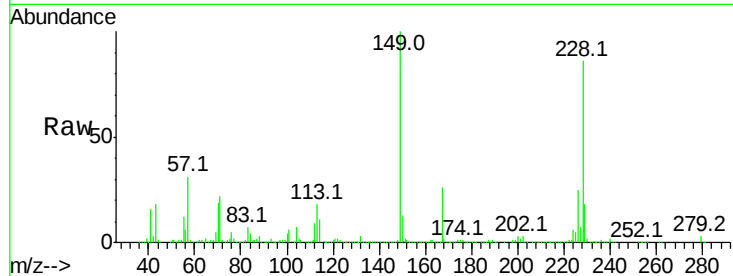




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 70.54 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion:149 Resp: 1595018

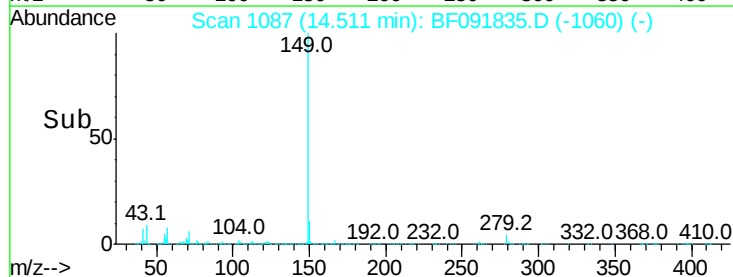
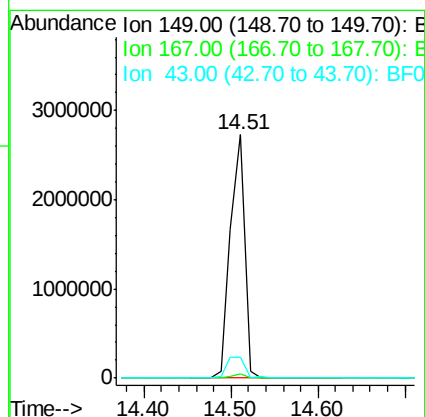
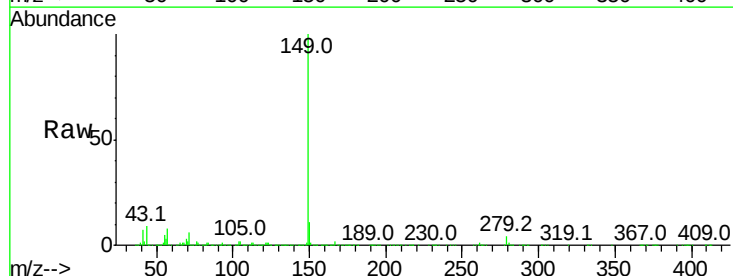
Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.2	30.4
279	2.7	1.8	2.8

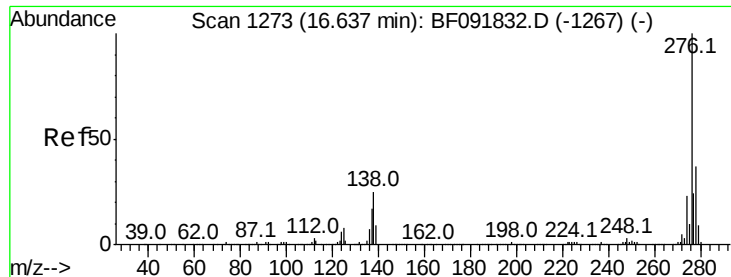


#84
 Di-n-octyl phthalate
 Concen: 75.33 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion:149 Resp: 3138560

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.3	8.9	13.3

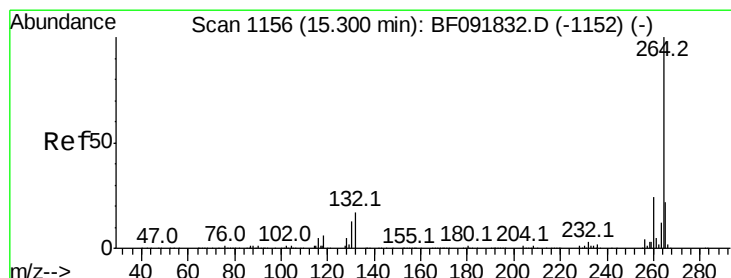
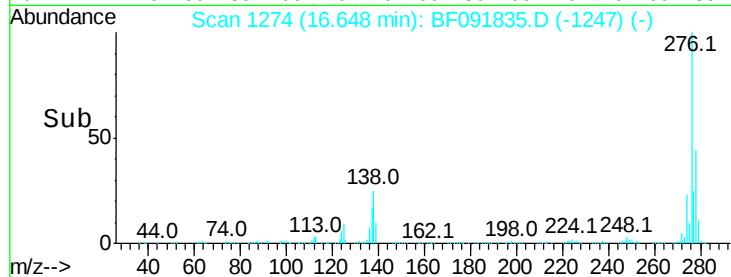
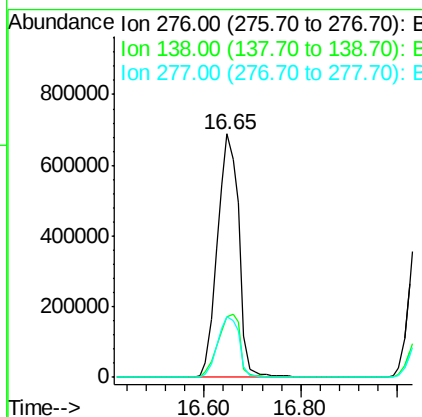
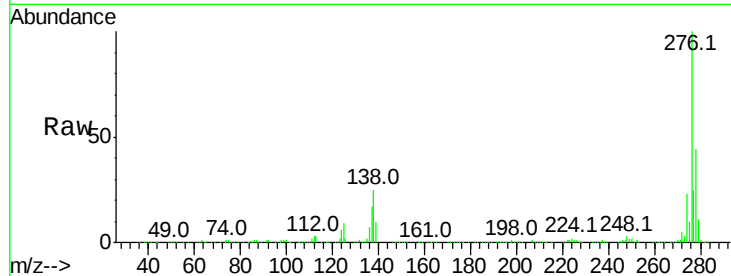




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 69.71 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion:276 Resp: 2143169

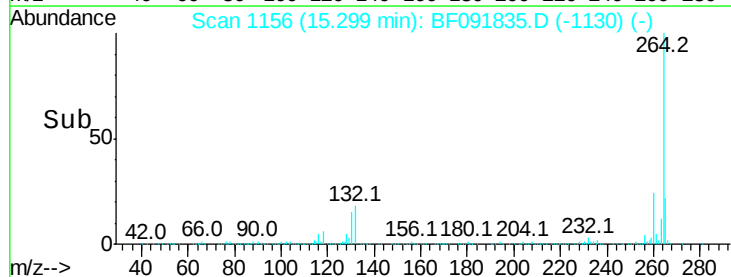
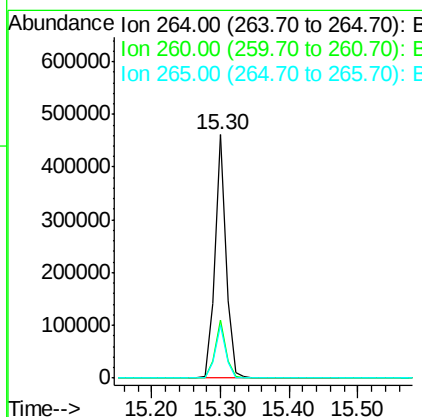
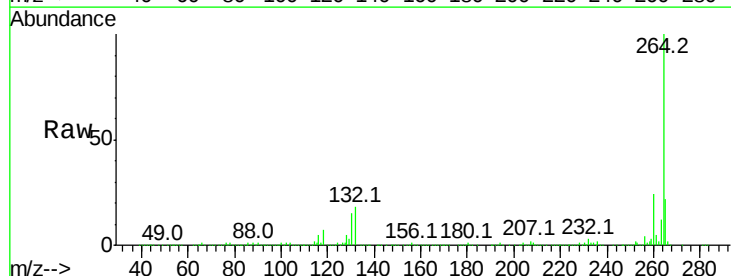
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	25.2	20.2	30.4

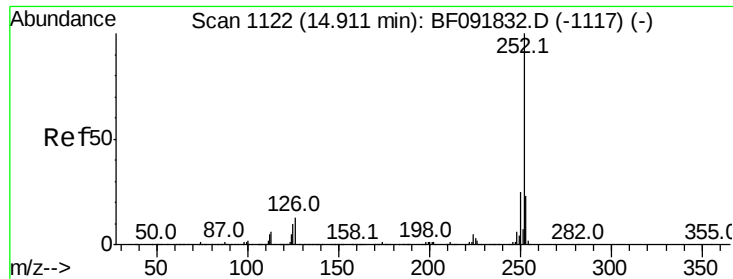


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tgt Ion:264 Resp: 531996

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 126.44 ng

RT: 14.95 min Scan# 1125

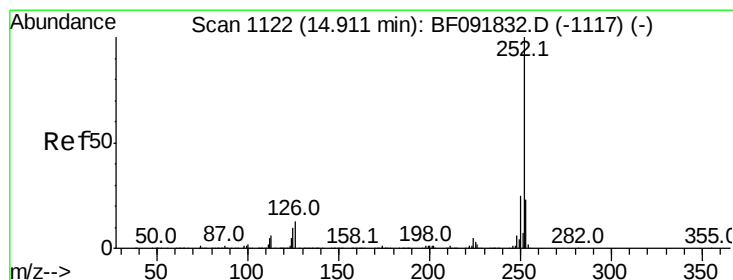
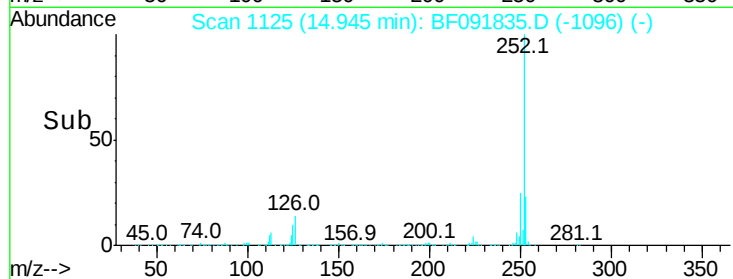
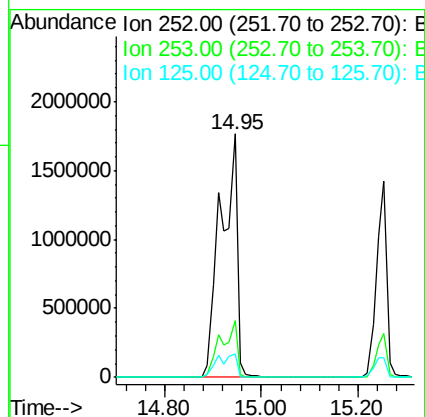
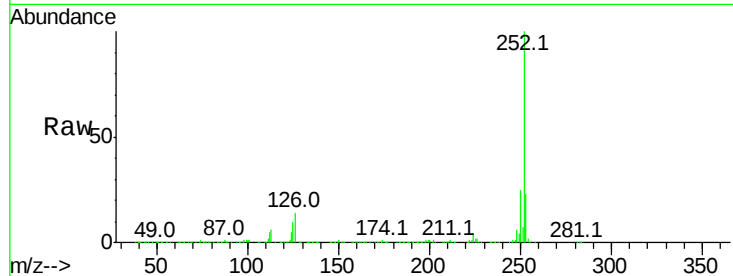
Delta R.T. 0.03 min

Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tot Ion:252 Resp: 4265462

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	9.7	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 180.21 ng

RT: 14.95 min Scan# 1125

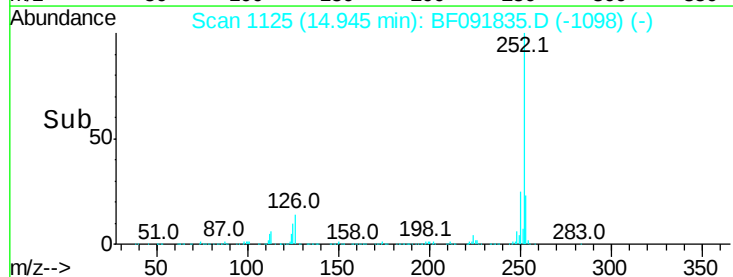
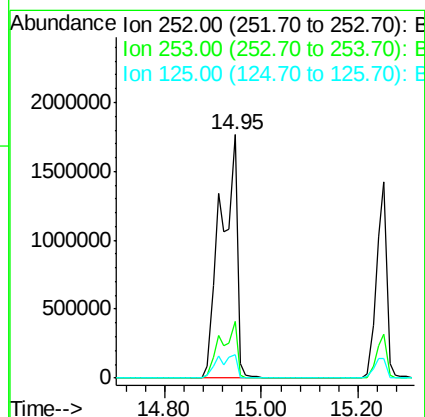
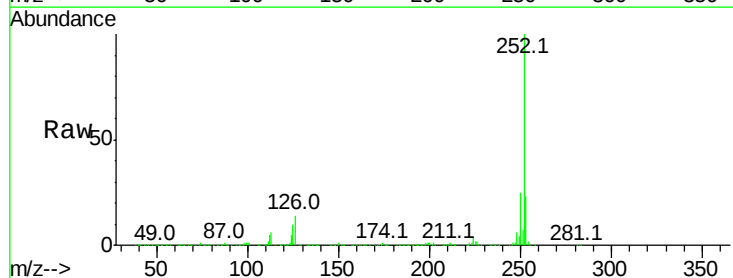
Delta R.T. 0.01 min

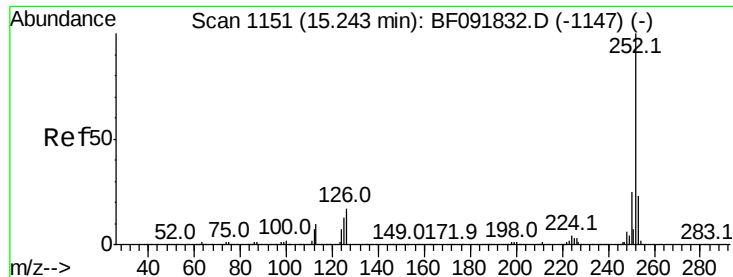
Lab File: BF091835.D

Acq: 21 Dec 2016 15:00

Tgt Ion:252 Resp: 4265462

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	9.7	8.9	13.3

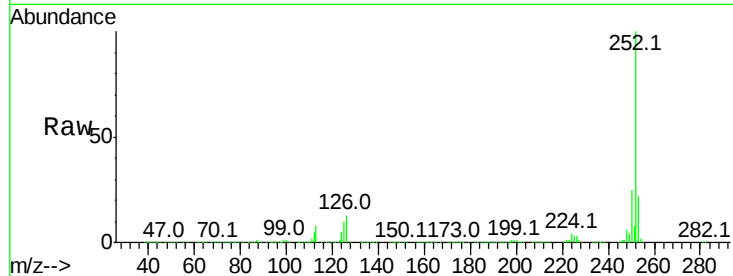




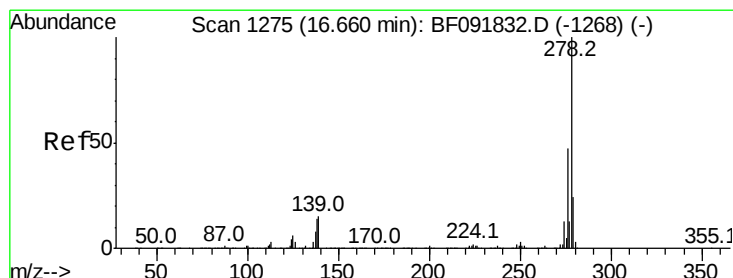
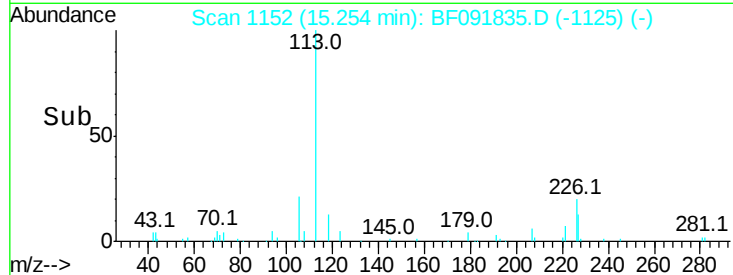
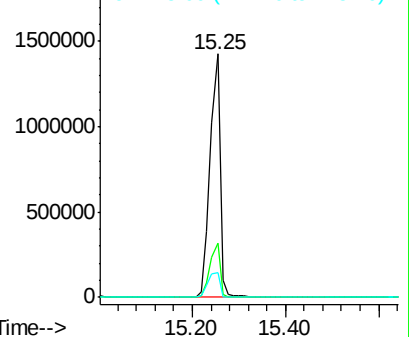
#89
Benzo(a)pyrene
Concen: 71.65 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

Tot Ion:252 Resp: 2074358

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.1	10.0	15.0



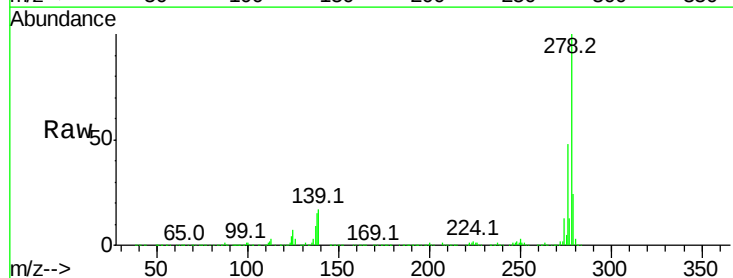
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



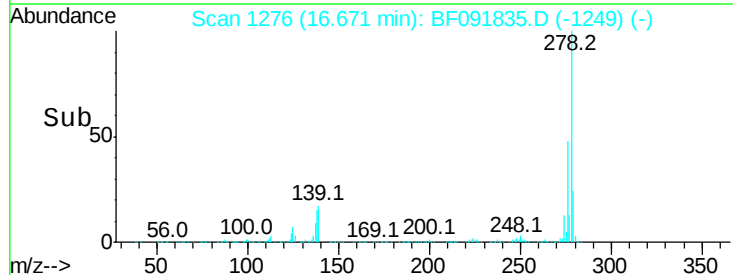
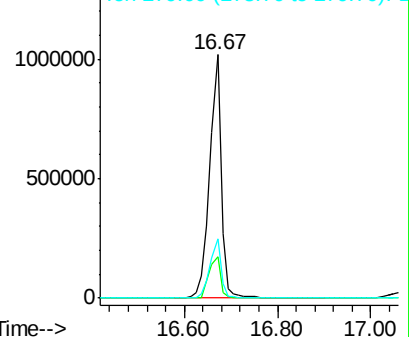
#90
Dibenzo(a,h)anthracene
Concen: 68.75 ng
RT: 16.67 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BF091835.D
Acq: 21 Dec 2016 15:00

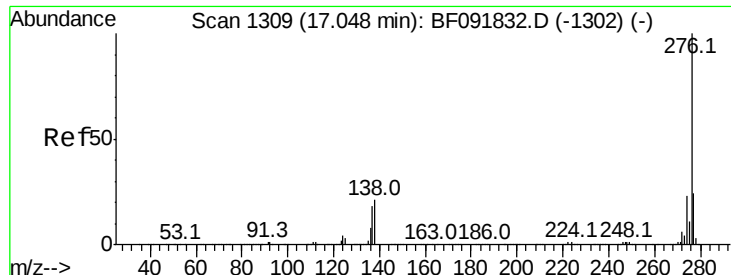
Tgt Ion:278 Resp: 1735201

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.8	22.2
279	24.3	19.8	29.6



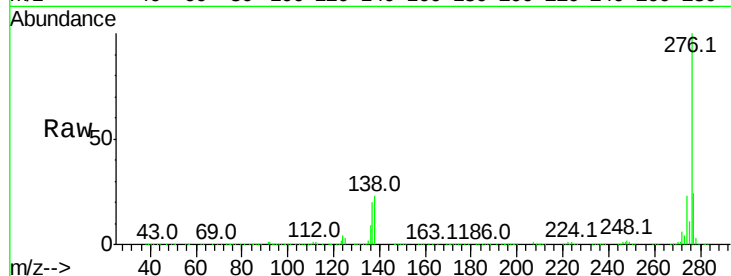
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 73.74 ng
 RT: 17.06 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF091835.D
 Acq: 21 Dec 2016 15:00

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	22.8	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

