

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091834.D
 Acq On : 21 Dec 2016 14:32
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 15:25:17 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	275973	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1138263	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	568529	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	925136	20.00	ng	0.00
75) Chrysene-d12	13.91	240	605238	20.00	ng	0.00
86) Perylene-d12	15.30	264	554344	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1879272	114.09	ng	0.01
7) Phenol-d6	6.41	99	2206852	109.85	ng	0.00
23) Nitrobenzene-d5	7.33	82	2295988	116.32	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	517884	107.42	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3288273	116.20	ng	0.00
78) Terphenyl-d14	12.87	244	2926212	122.08	ng	0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.29	88	468977	57.81	ng	98
3) Pyridine	2.99	79	1738974	66.54	ng	95
4) n-Nitrosodimethylamine	2.96	42	667954	66.04	ng	99
6) Aniline	6.42	93	1391952	53.85	ng	# 80
8) 2-Chlorophenol	6.54	128	1060112	58.47	ng	93
9) Benzaldehyde	6.29	77	572666	45.96	ng	94
10) Phenol	6.42	94	1164262	51.42	ng	# 76
11) bis(2-Chloroethyl)ether	6.50	93	1044785	57.77	ng	97
12) 1,3-Dichlorobenzene	6.69	146	1128109	56.65	ng	# 94
13) 1,4-Dichlorobenzene	6.77	146	1151740	57.17	ng	95
14) 1,2-Dichlorobenzene	6.92	146	888803	50.36	ng	96
15) Benzyl Alcohol	6.91	79	842837	54.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1505800	54.49	ng	64
17) 2-Methylphenol	7.02	107	838941	55.37	ng	95
18) Hexachloroethane	7.26	117	433701	57.94	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	698880	52.30	ng	98
20) 3+4-Methylphenols	7.18	107	900795	53.30	ng	# 85
22) Acetophenone	7.17	105	1448741	52.71	ng	# 98
24) Nitrobenzene	7.34	77	1044698	49.29	ng	98
25) Isophorone	7.60	82	2075431	55.11	ng	100
26) 2-Nitrophenol	7.66	139	612301	59.88	ng	# 75
27) 2,4-Dimethylphenol	7.71	122	944907	56.64	ng	100
28) bis(2-Chloroethoxy)methane	7.80	93	1273947	57.82	ng	99
29) 2,4-Dichlorophenol	7.90	162	765005	49.73	ng	88
30) 1,2,4-Trichlorobenzene	7.98	180	883627	53.00	ng	96
31) Naphthalene	8.06	128	2887610	53.10	ng	99
32) Benzoic acid	7.88	122	819196	68.91	ng	99
33) 4-Chloroaniline	8.12	127	1305510	56.99	ng	96
34) Hexachlorobutadiene	8.18	225	473999	50.56	ng	99
35) Caprolactam	8.52	113	286030	57.78	ng	98
36) 4-Chloro-3-methylphenol	8.61	107	901689	53.13	ng	99
37) 2-Methylnaphthalene	8.75	142	1686528	49.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	793124	55.97	ng	98
40) Hexachlorocyclopentadiene	8.91	237	372895	62.09	ng	97

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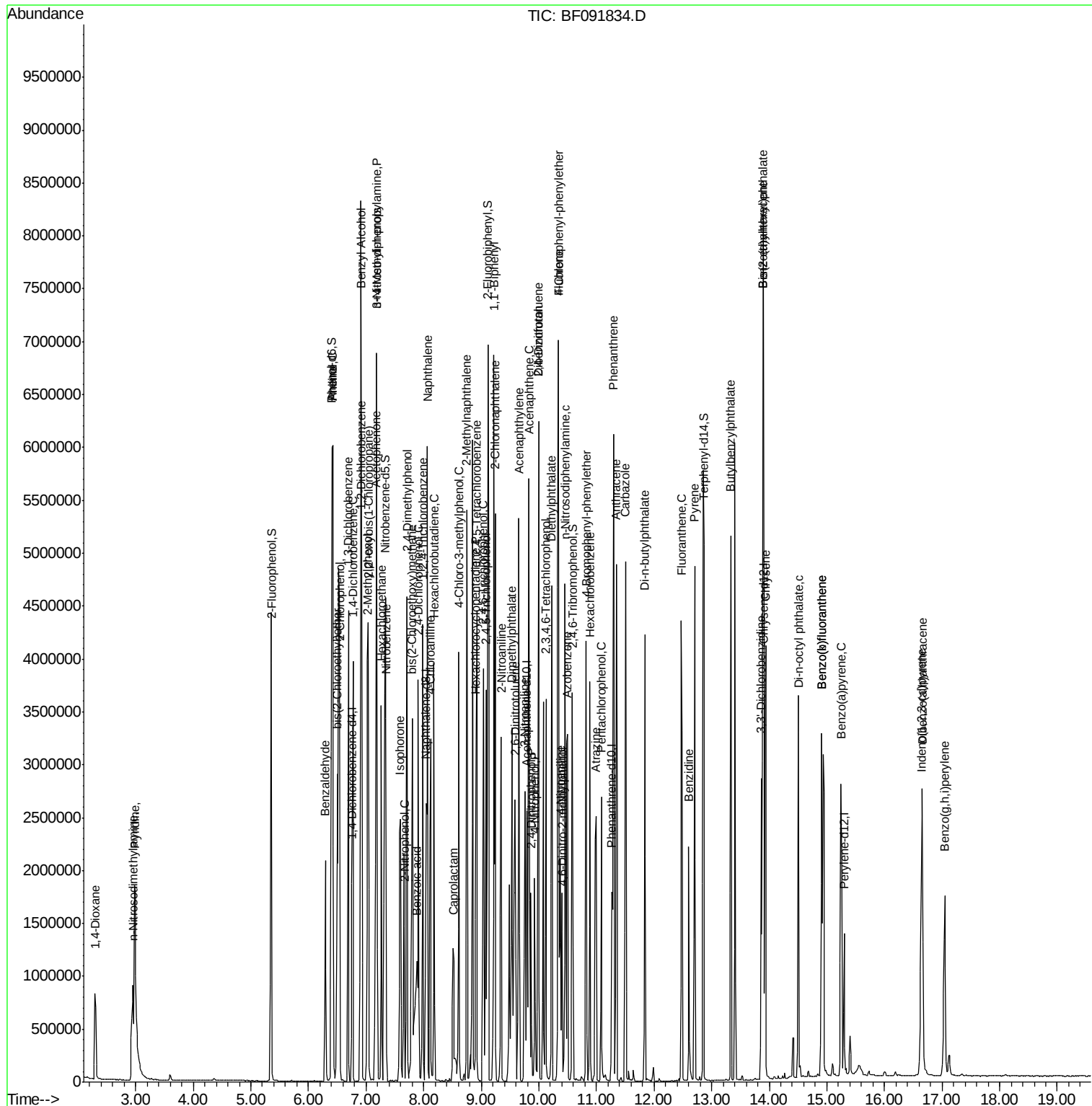
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

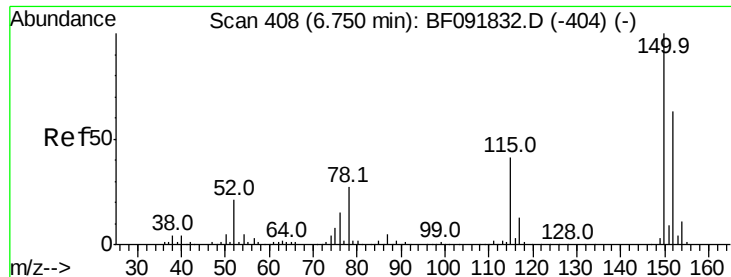
42) 2,4,6-Trichlorophenol	9.04	196	558385	55.15	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	554402	55.73	nq	97
45) 1,1'-Biphenyl	9.22	154	2040266	50.07	nq	97
46) 2-Chloronaphthalene	9.24	162	1586182	52.09	nq	94
47) 2-Nitroaniline	9.34	65	662160	63.69	nq	95
48) Acenaphthylene	9.65	152	2354935	49.91	nq	100
49) Dimethylphthalate	9.53	163	1990730	53.61	nq	98
50) 2,6-Dinitrotoluene	9.58	165	454600	55.83	nq	# 66
51) Acenaphthene	9.82	154	1676410	51.77	nq	99
52) 3-Nitroaniline	9.76	138	504273	49.74	nq	98
53) 2,4-Dinitrophenol	9.86	184	266029	60.48	nq	# 57
54) Dibenzofuran	10.00	168	1890562	49.10	nq	97
55) 4-Nitrophenol	9.93	139	378138	53.71	nq	96
56) 2,4-Dinitrotoluene	10.00	165	584167	57.43	nq	94
57) Fluorene	10.34	166	1520392	50.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	452411	55.01	nq	98
59) Diethylphthalate	10.22	149	1915611	52.47	nq	97
60) 4-Chlorophenyl-phenylether	10.34	204	753858	55.33	nq	# 77
61) 4-Nitroaniline	10.37	138	529823	55.16	nq	100
62) Azobenzene	10.49	77	2117673	54.52	nq	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	386692	63.38	nq	90
65) n-Nitrosodiphenylamine	10.45	169	1465228	51.00	nq	100
66) 4-Bromophenyl-phenylether	10.82	248	490323	50.54	nq	97
67) Hexachlorobenzene	10.89	284	529501	52.09	nq	# 91
68) Atrazine	10.99	200	463861	53.43	nq	96
69) Pentachlorophenol	11.08	266	295074	53.79	nq	99
70) Phenanthrene	11.30	178	2606557	56.39	nq	100
71) Anthracene	11.34	178	2421851	49.46	nq	99
72) Carbazole	11.51	167	2132685	49.81	nq	99
73) Di-n-butylphthalate	11.84	149	2673913	48.71	nq	100
74) Fluoranthene	12.48	202	2627227	54.42	nq	100
76) Benzidine	12.60	184	801315	45.99	nq	97
77) Pyrene	12.71	202	2500417	57.21	nq	99
79) Butylbenzylphthalate	13.33	149	1208146	59.06	nq	94
80) Benzo(a)anthracene	13.89	228	1856999	53.64	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	684980	49.45	nq	97
82) Chrysene	13.94	228	2044823	56.98	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1330679	51.28	nq	# 99
84) Di-n-octyl phthalate	14.51	149	2516869	52.63	nq	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	1686436	47.80	nq	99
87) Benzo(b)fluoranthene	14.91	252	1813846	51.60	nq	99
88) Benzo(k)fluoranthene	14.91	252	1813846	73.54	nq	99
89) Benzo(a)pyrene	15.24	252	1687894	55.95	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	1385733	52.69	nq	100
91) Benzo(g,h,i)perylene	17.05	276	1487001	55.64	nq	96

(#) = 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: BF091834.D

Acq: 21 Dec 2016 14:32

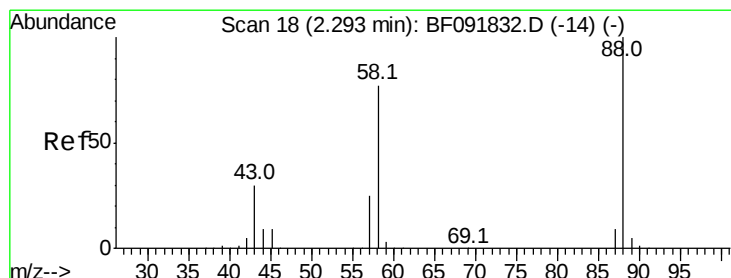
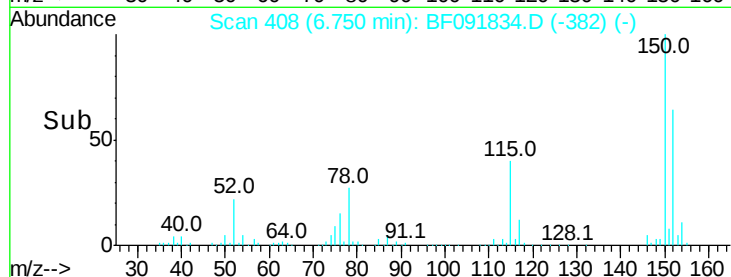
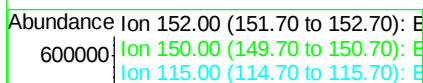
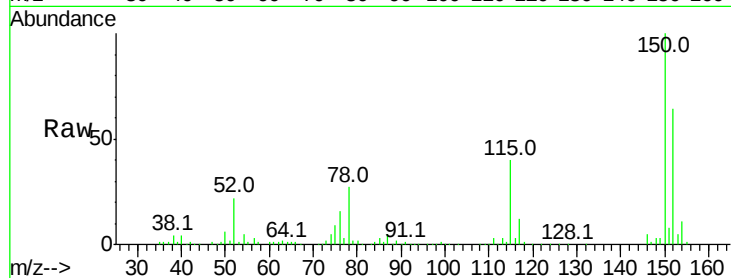
Tot Ion:152 Resp: 275973

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

115 62.5 46.0 69.0



#2

1,4-Dioxane

Concen: 57.81 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

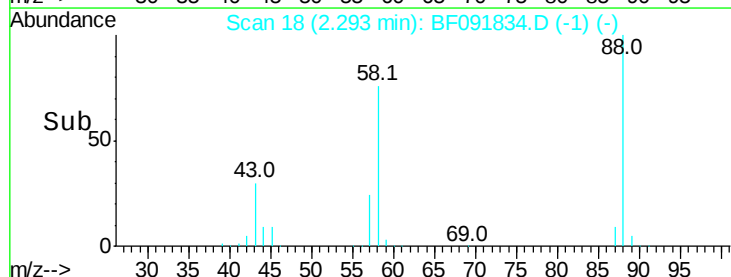
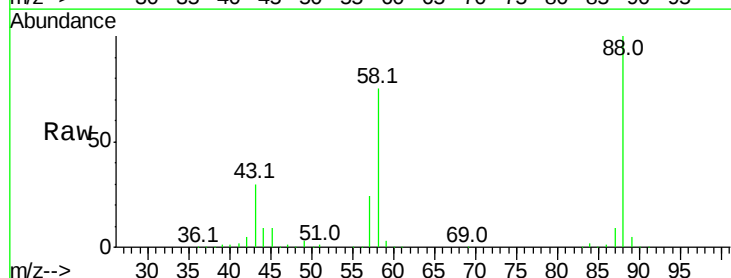
Tgt Ion: 88 Resp: 468977

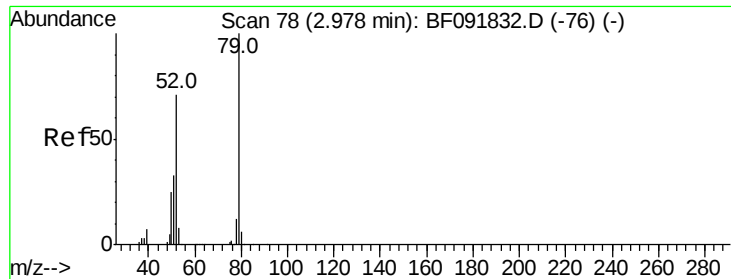
Ion Ratio Lower Upper

88 100

58 74.3 57.8 86.8

43 28.3 22.3 33.5





#3

Pvridine

Concen: 66.54 ng

RT: 2.99 min Scan# 79

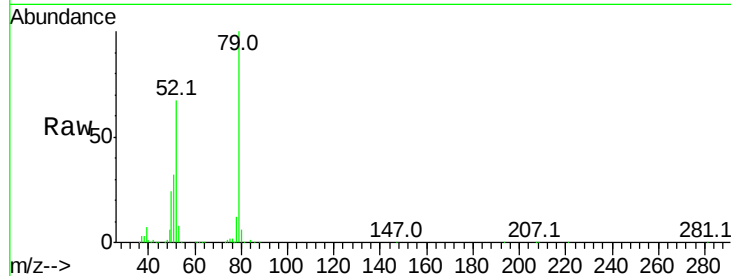
Delta R.T. 0.01 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tot Ion: 79 Resp: 1738974

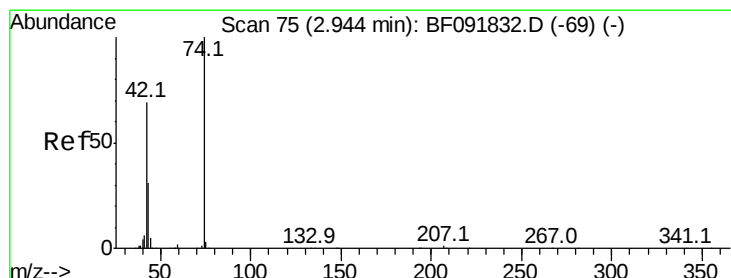
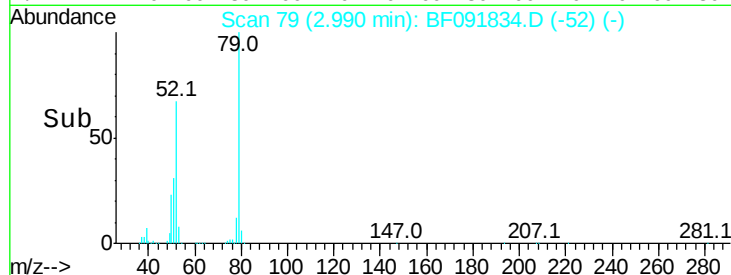
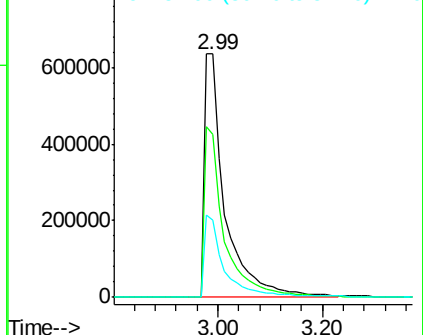
Ion	Ratio	Lower	Upper
79	100		
52	67.1	57.1	85.7
51	31.7	27.3	40.9



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: 66.04 ng

RT: 2.96 min Scan# 76

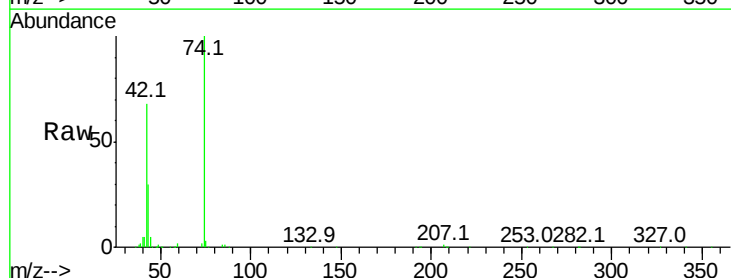
Delta R.T. 0.01 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tgt Ion: 42 Resp: 667954

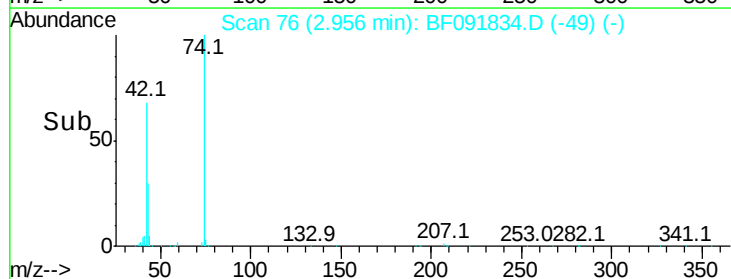
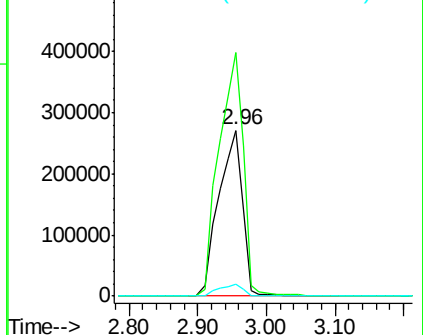
Ion	Ratio	Lower	Upper
42	100		
74	146.9	117.0	175.4
44	7.5	5.5	8.3

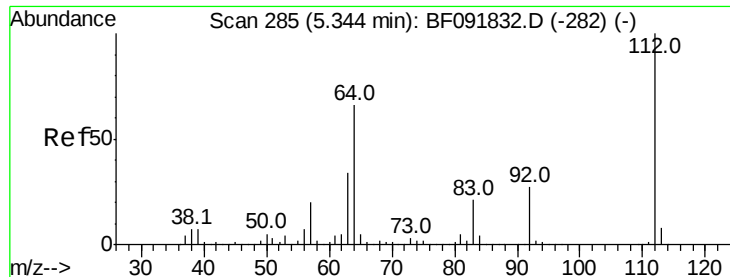


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.09 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

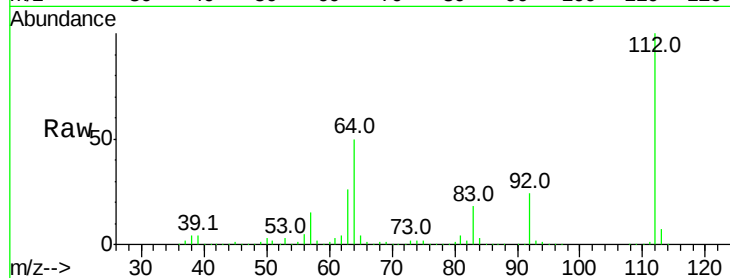
Tot Ion: 112 Resp: 1879272

Ion Ratio Lower Upper

112 100

64 49.8 46.1 69.1

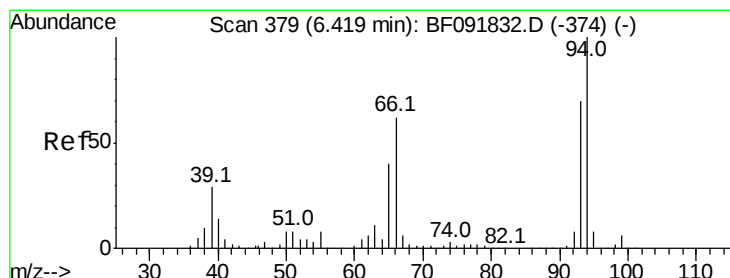
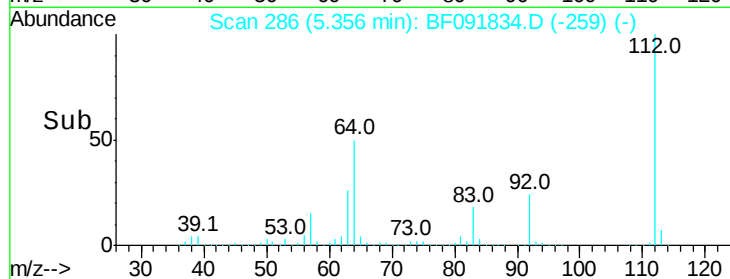
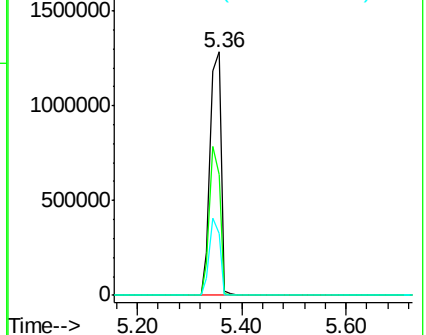
63 25.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 53.85 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

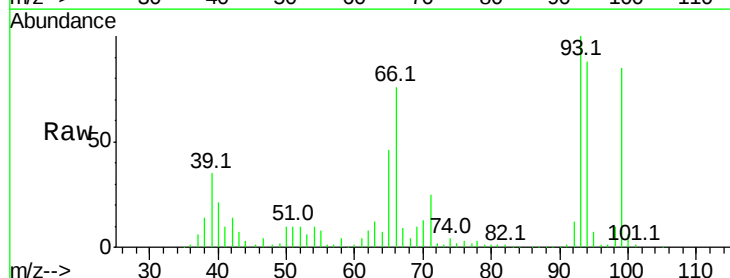
Tgt Ion: 93 Resp: 1391952

Ion Ratio Lower Upper

93 100

66 75.7 76.2 114.2#

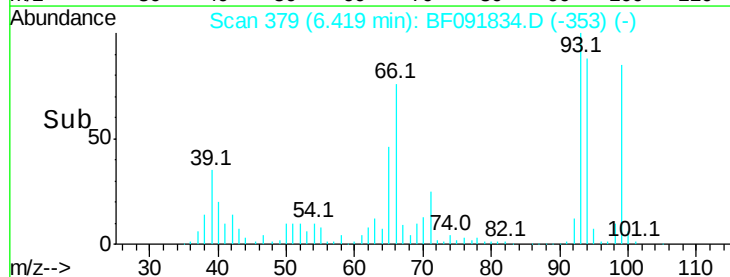
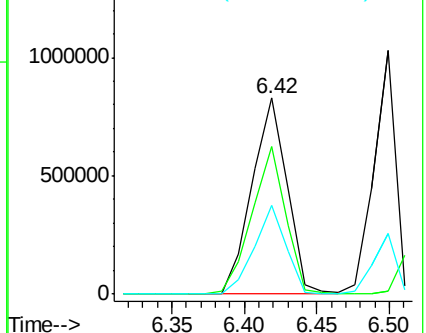
65 45.6 49.3 73.9#

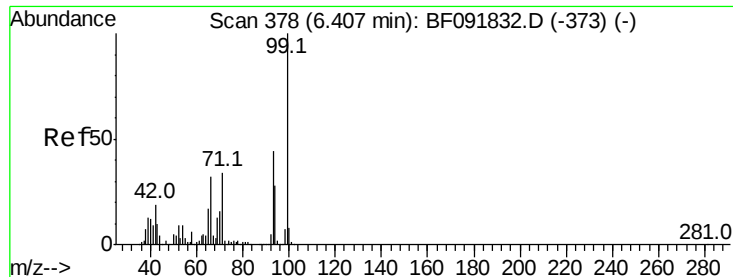


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.85 ng

RT: 6.41 min Scan# 378

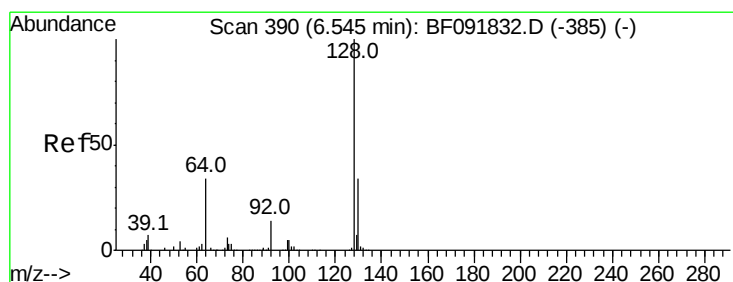
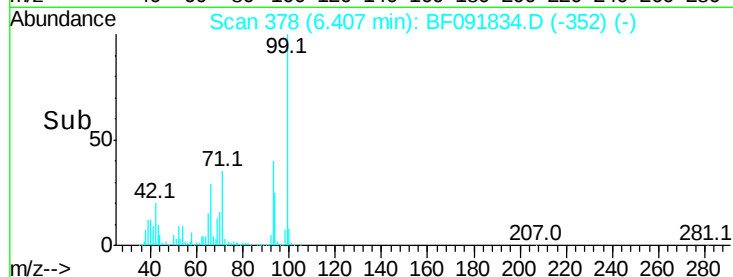
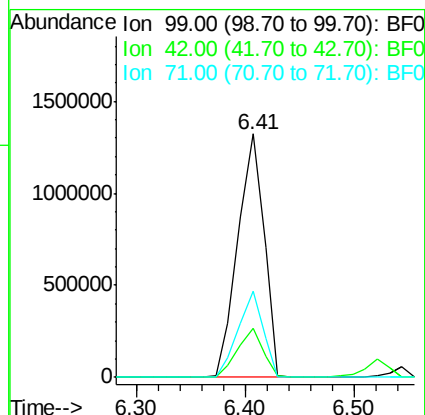
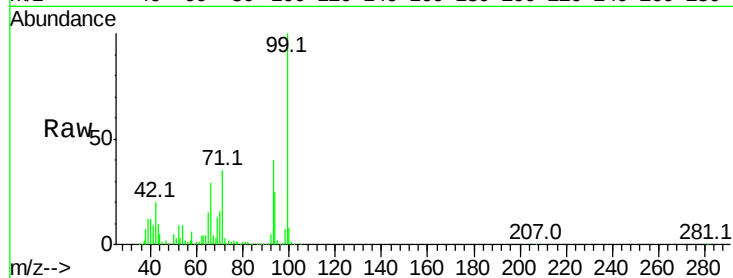
Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tot Ion: 99 Resp: 2206852

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	35.4	27.5	41.3



#8

2-Chlorophenol

Concen: 58.47 ng

RT: 6.54 min Scan# 390

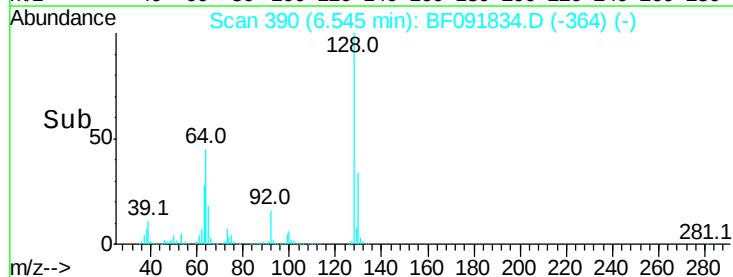
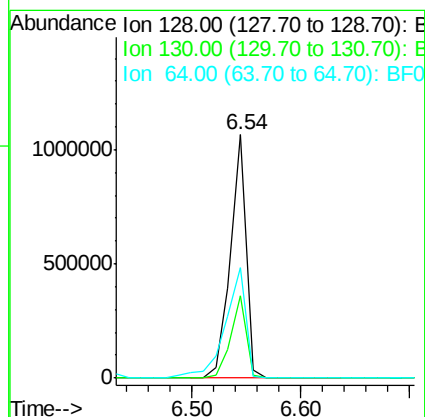
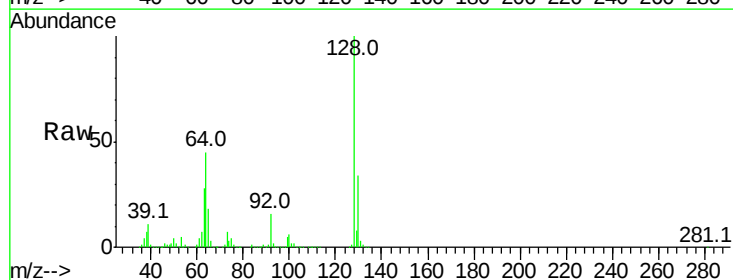
Delta R.T. -0.00 min

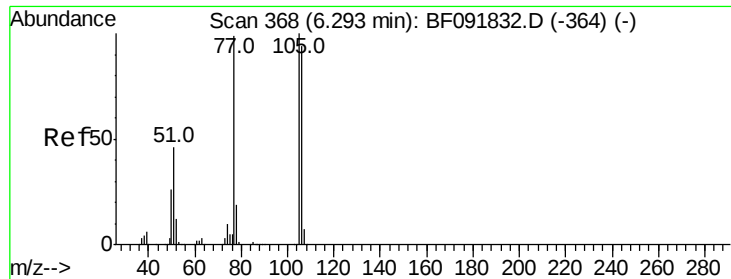
Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tgt Ion: 128 Resp: 1060112

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.3	52.3
64	45.4	32.2	72.2





#9

Benzaldehyde

Concen: 45.96 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

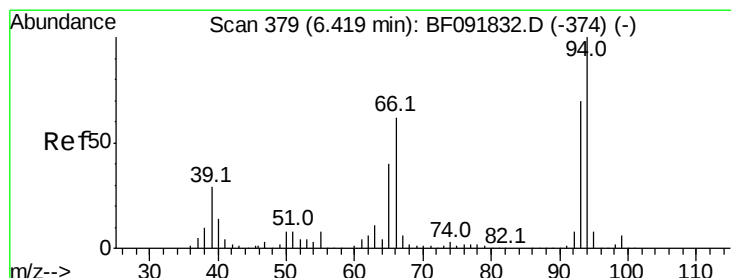
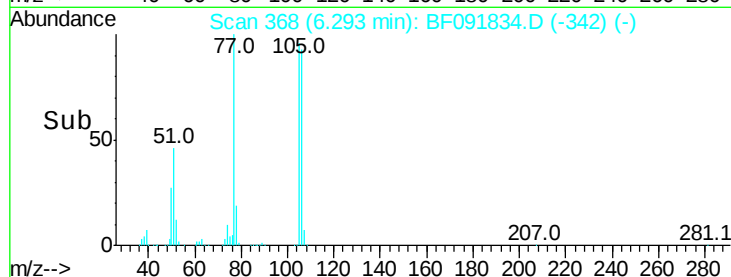
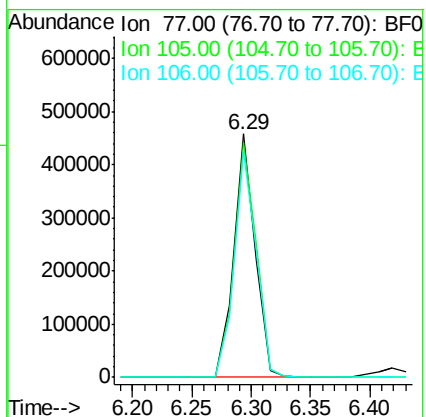
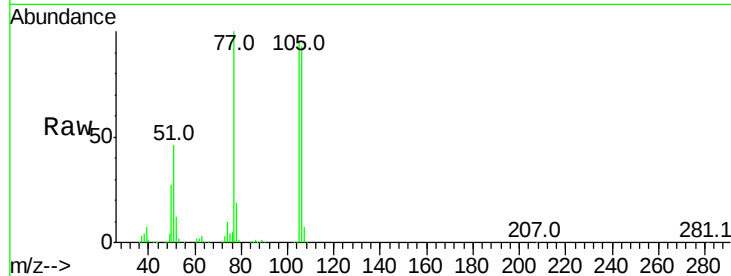
Tot Ion: 77 Resp: 572666

Ion Ratio Lower Upper

77 100

105 96.2 83.9 123.9

106 92.9 77.6 117.6



#10

Phenol

Concen: 51.42 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

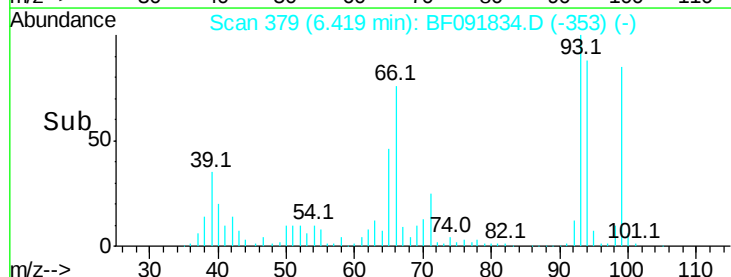
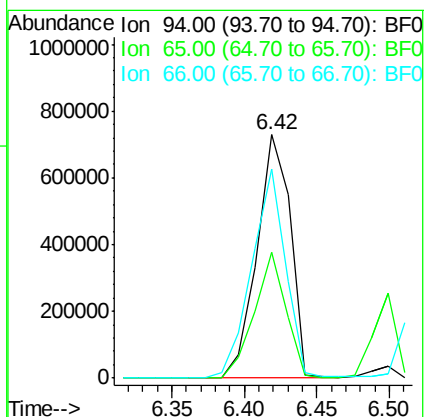
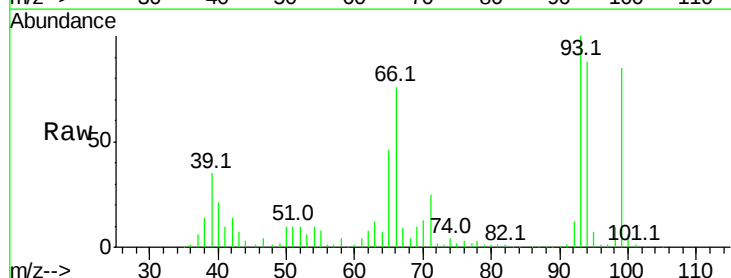
Tgt Ion: 94 Resp: 1164262

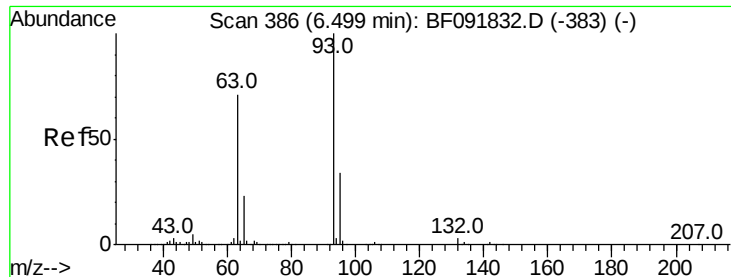
Ion Ratio Lower Upper

94 100

65 51.8 21.4 61.4

66 85.9 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 57.77 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

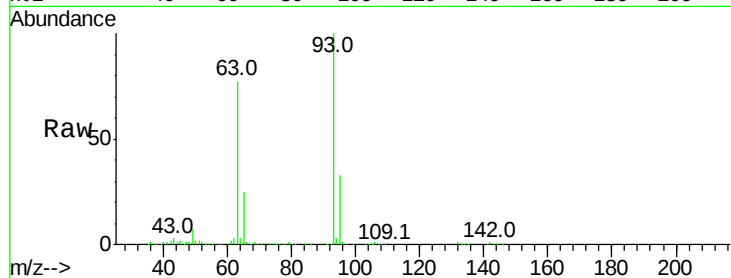
Tot Ion: 93 Resp: 1044785

Ion Ratio Lower Upper

93 100

63 77.4 60.4 100.4

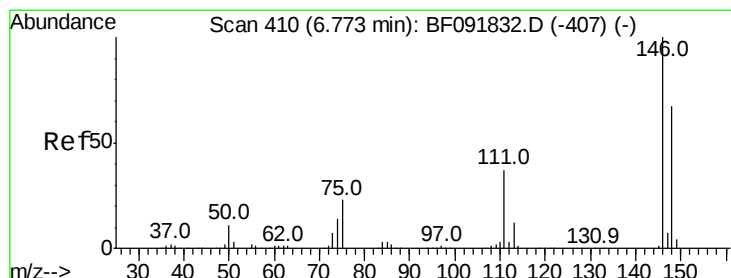
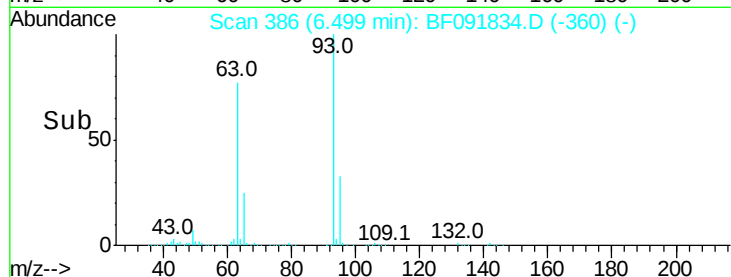
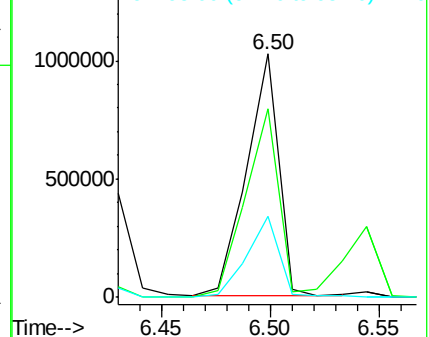
95 33.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 56.65 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

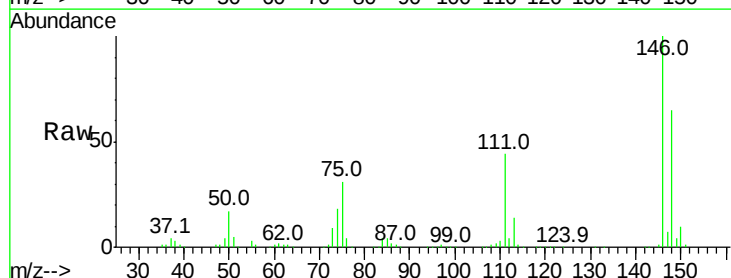
Tgt Ion: 146 Resp: 1128109

Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.0

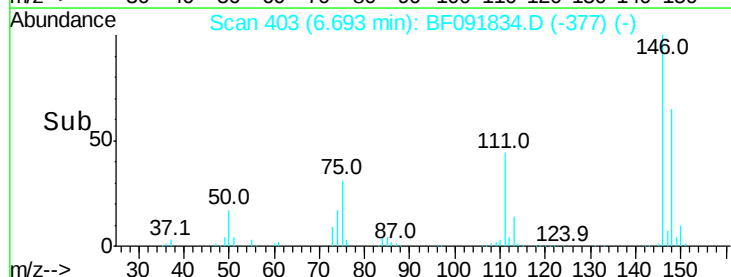
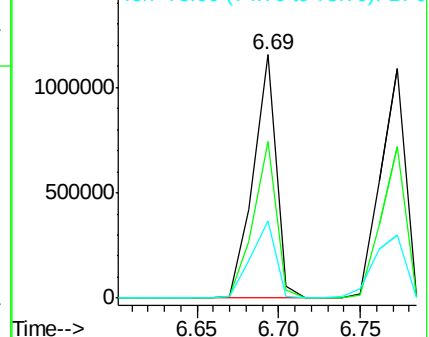
75 31.5 18.5 27.7#

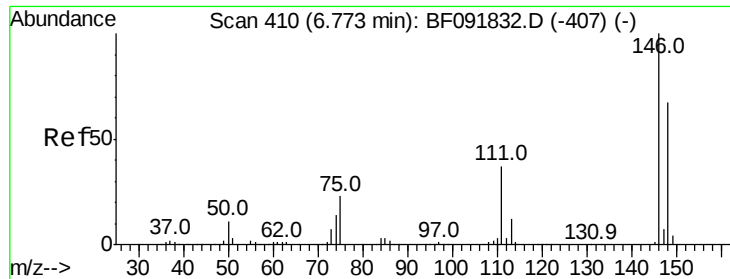


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

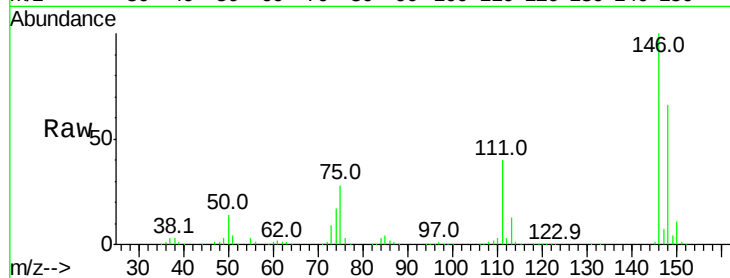
Ion 75.00 (74.70 to 75.70): BF0



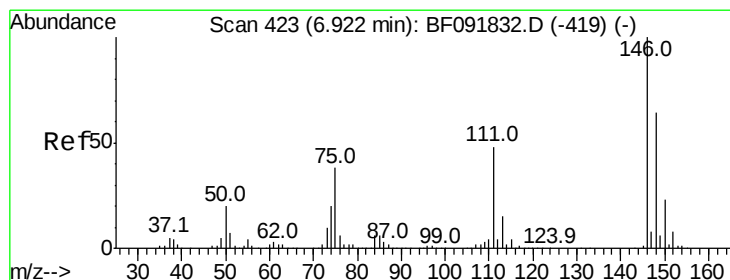
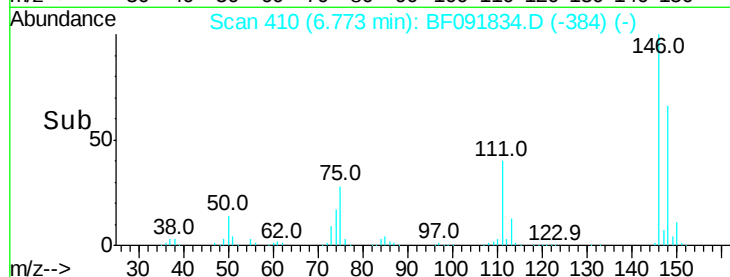
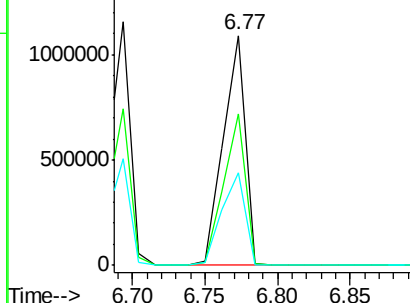


#13
 1,4-Dichlorobenzene
 Concen: 57.17 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:146 Resp: 1151740
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.6 76.0
 111 40.1 36.2 54.4

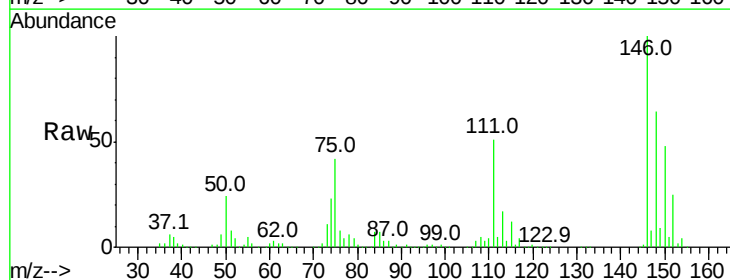


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

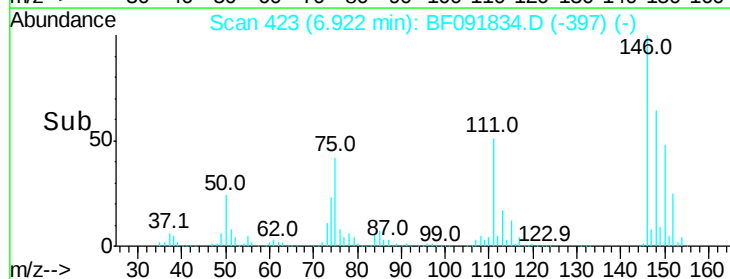
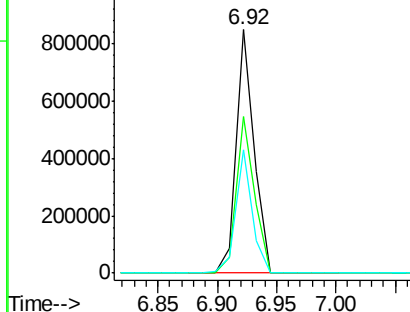


#14
 1,2-Dichlorobenzene
 Concen: 50.36 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion:146 Resp: 888803
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 50.7 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: 54.19 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

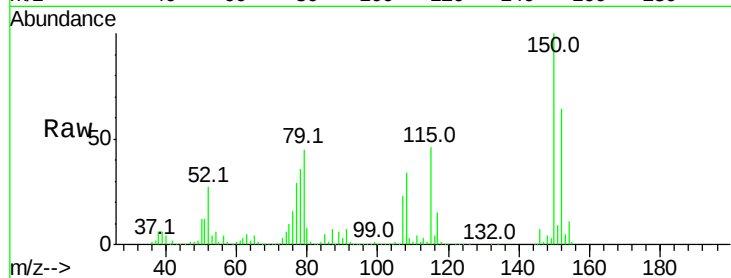
Tot Ion: 79 Resp: 842837

Ion Ratio Lower Upper

79 100

108 76.4 61.4 92.0

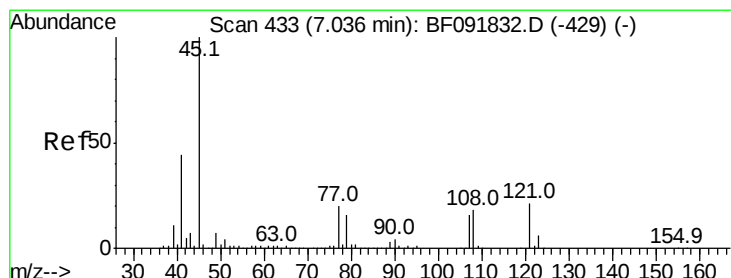
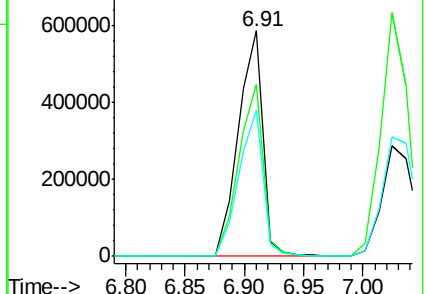
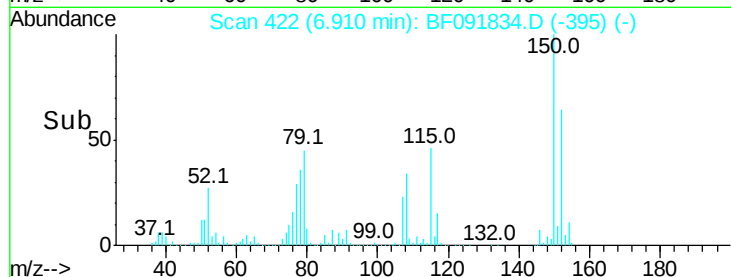
77 64.9 50.9 76.3



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: 54.49 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

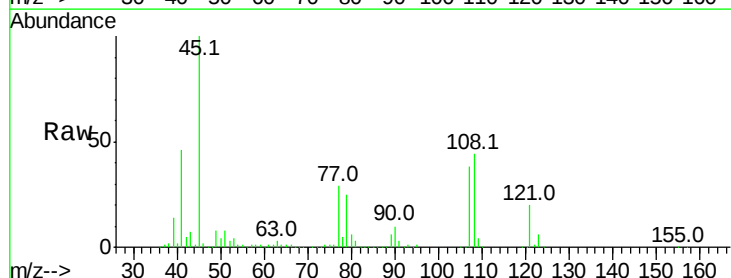
Tgt Ion: 45 Resp: 1505800

Ion Ratio Lower Upper

45 100

77 29.1 0.0 34.6

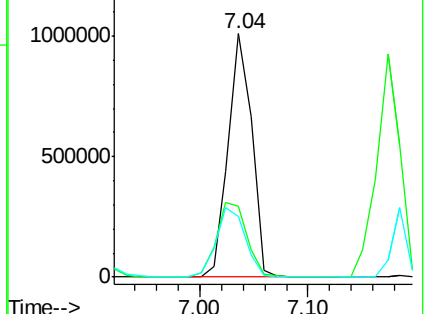
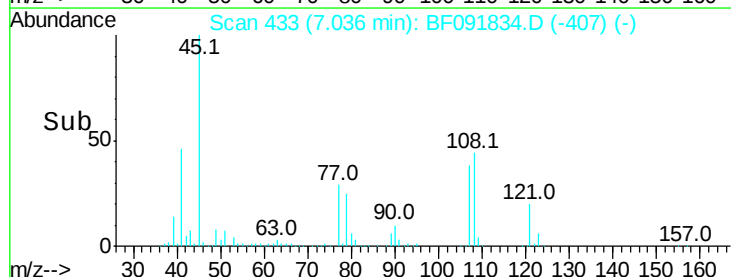
79 25.1 0.0 31.2

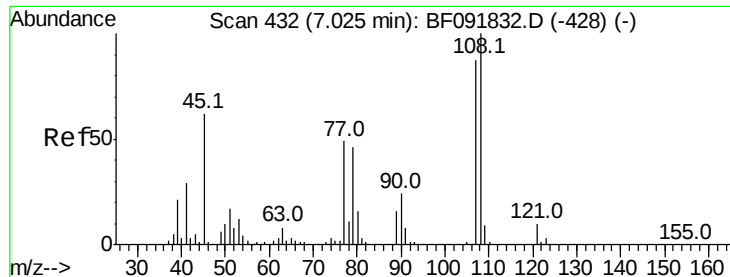


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 55.37 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tot Ion:107 Resp: 838941

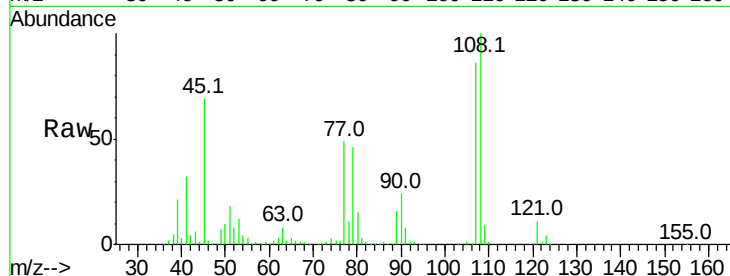
Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.0	139.6
77	57.3	39.8	59.8
79	53.3	38.0	57.0

107 100

108 116.9 93.0 139.6

77 57.3 39.8 59.8

79 53.3 38.0 57.0

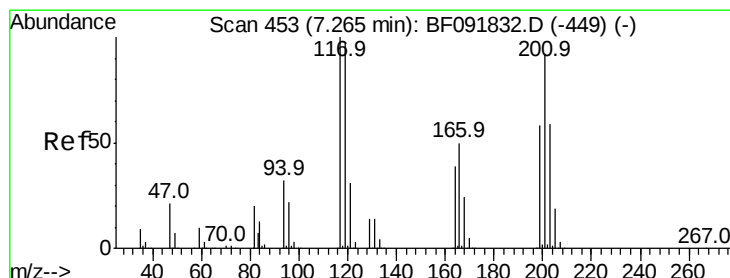
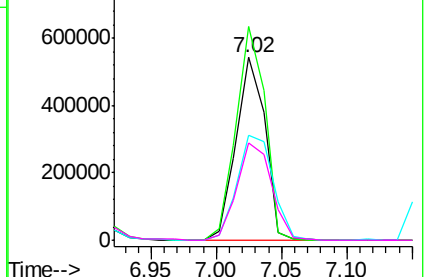
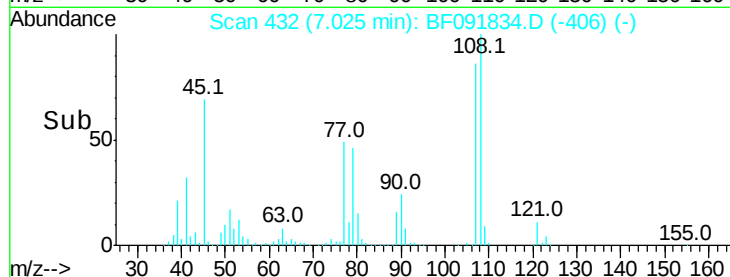


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 57.94 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

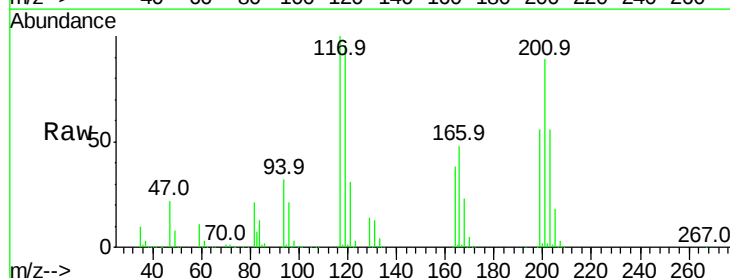
Tgt Ion:117 Resp: 433701

Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.1	117.1
201	88.9	78.6	117.8

117 100

119 96.0 78.1 117.1

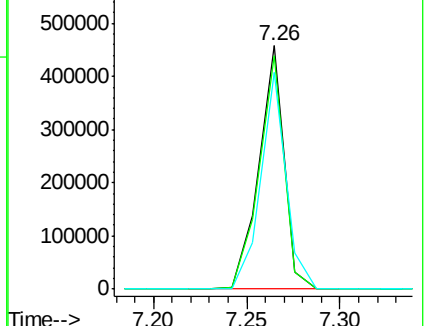
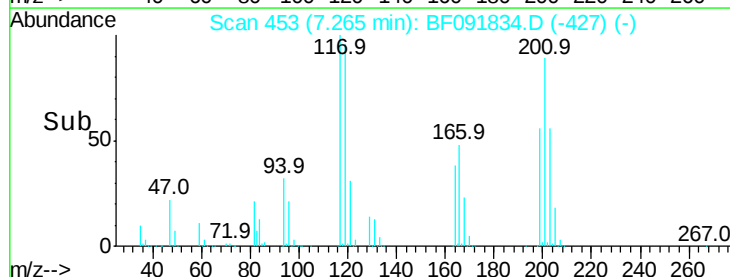
201 88.9 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

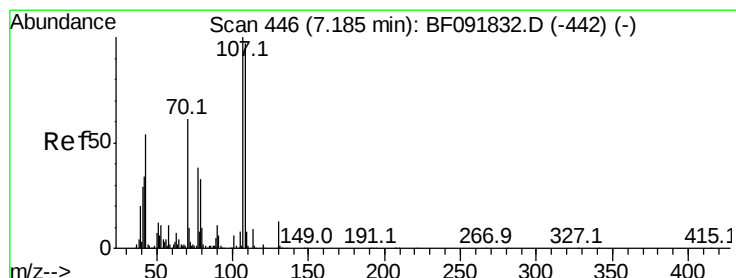
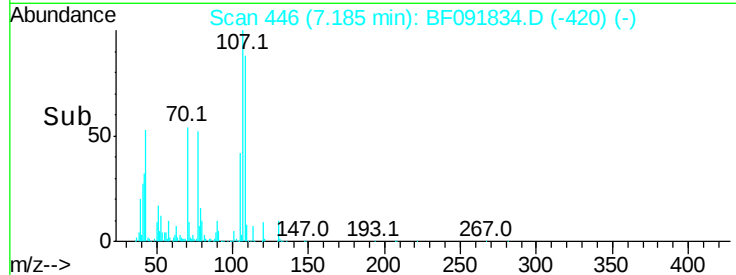
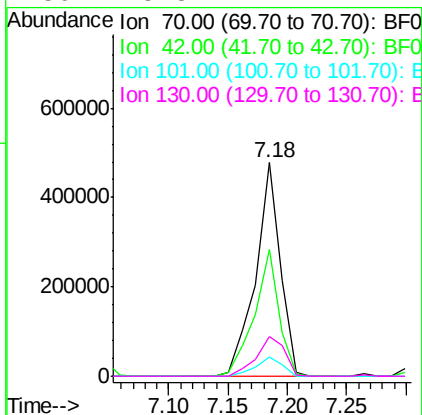
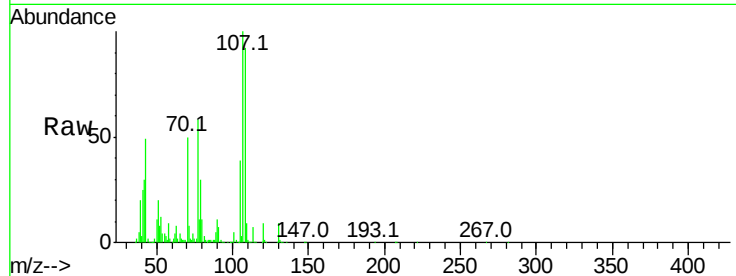
Ion 201.00 (200.70 to 201.70): E





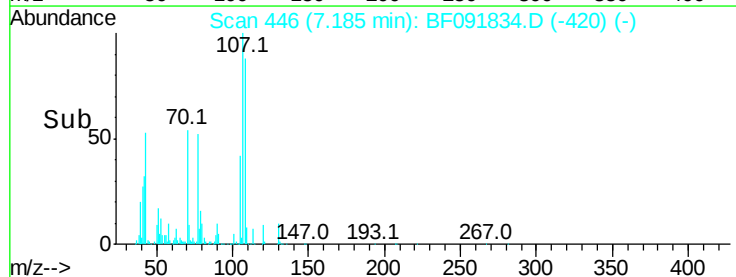
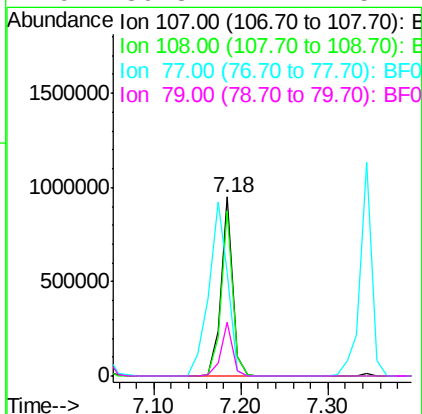
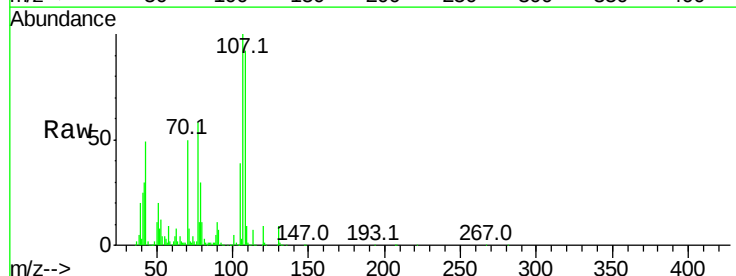
#19
n-Nitroso-di-n-propylamine
Concen: 52.30 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

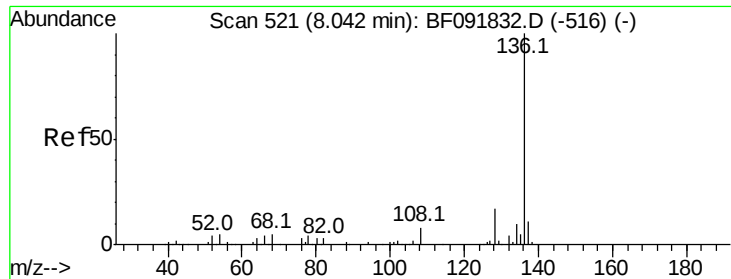
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.4	74.0
101	9.2	7.4	11.2
130	18.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 53.30 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.0	113.0
77	57.9	71.3	111.3
79	30.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

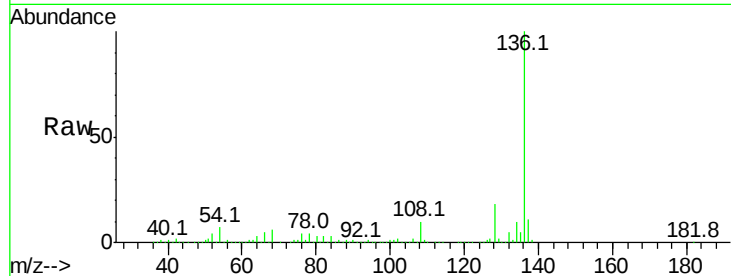
Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tot Ion:136 Resp: 1138263

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.9	4.5	6.7#
68	5.7	3.6	5.4#

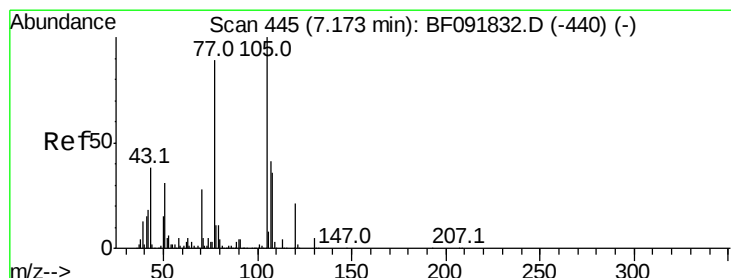
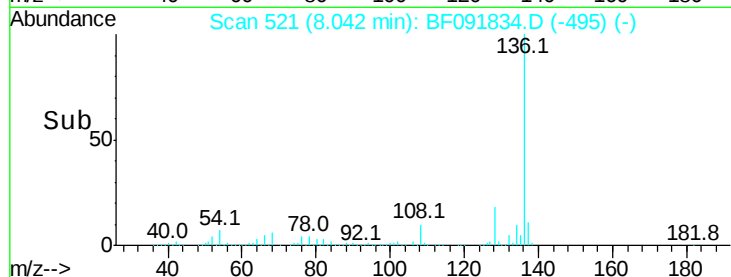
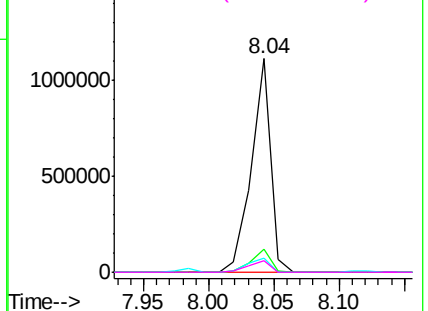


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.71 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tgt Ion:105 Resp: 1448741

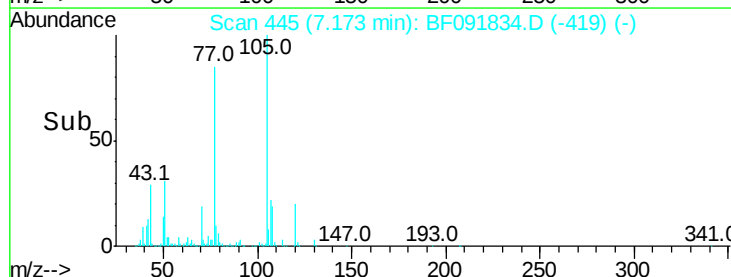
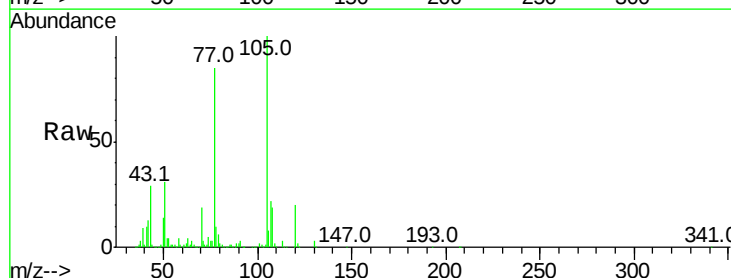
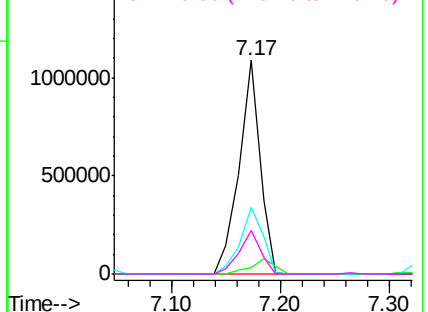
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.2	4.8#
51	30.9	26.2	39.4
120	20.5	16.6	24.8

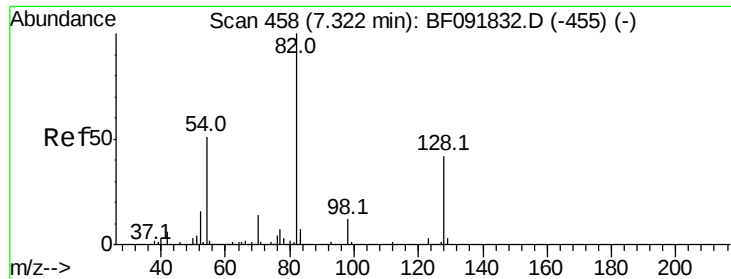
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

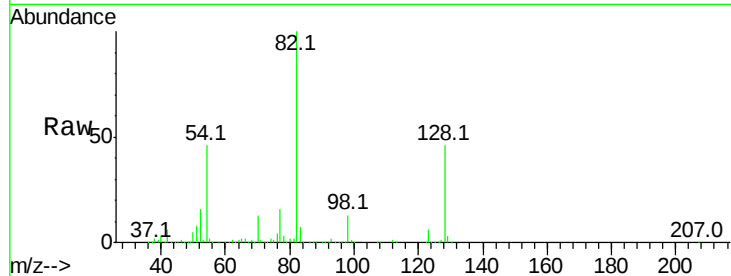




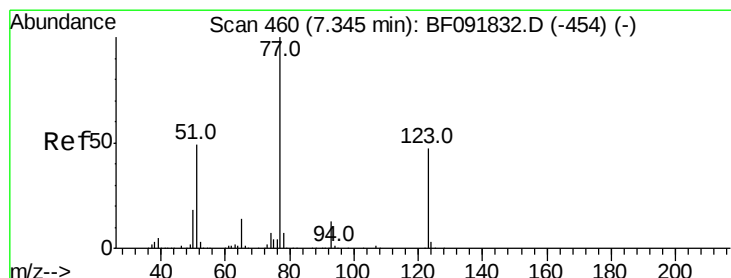
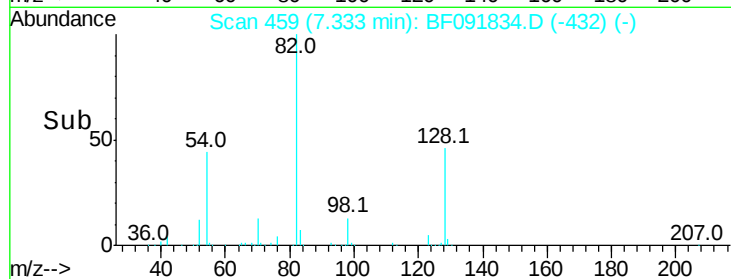
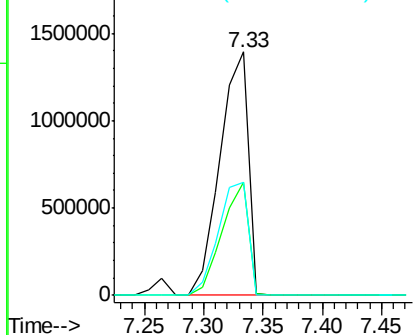
#23
 Nitrobenzene-d5
 Concen: 116.32 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion: 82 Resp: 2295988

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.6	52.0
54	46.3	39.5	59.3



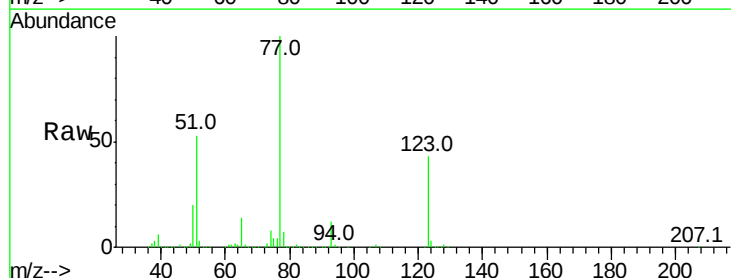
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



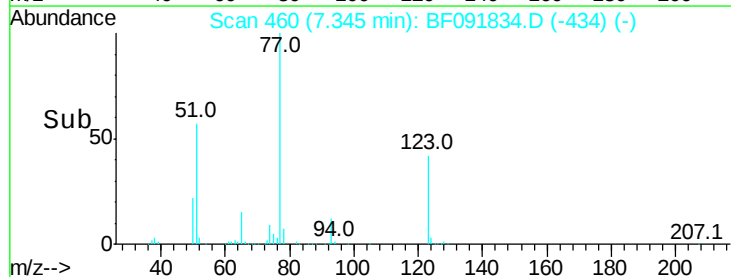
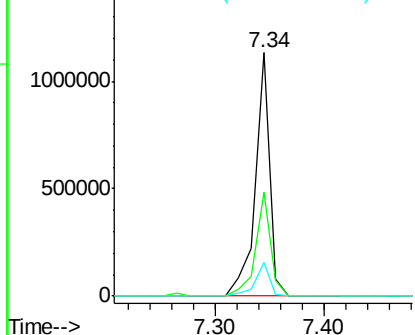
#24
 Nitrobenzene
 Concen: 49.29 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

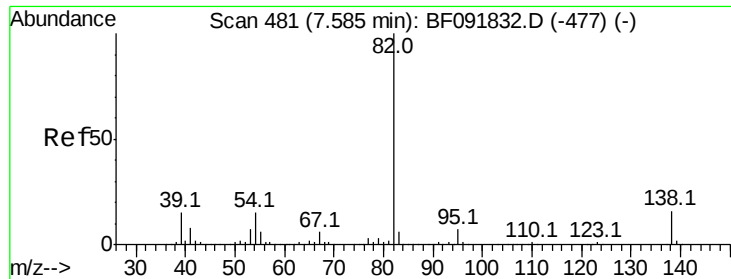
Tgt Ion: 77 Resp: 1044698

Ion	Ratio	Lower	Upper
77	100		
123	42.9	33.0	49.4
65	14.0	11.2	16.8



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





#25

Isophorone

Concen: 55.11 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.01 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

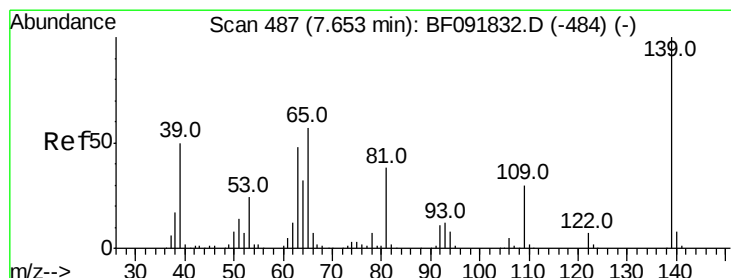
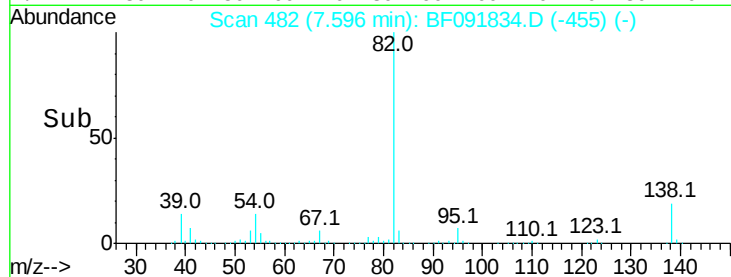
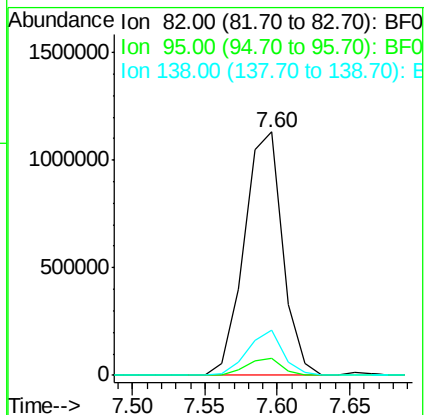
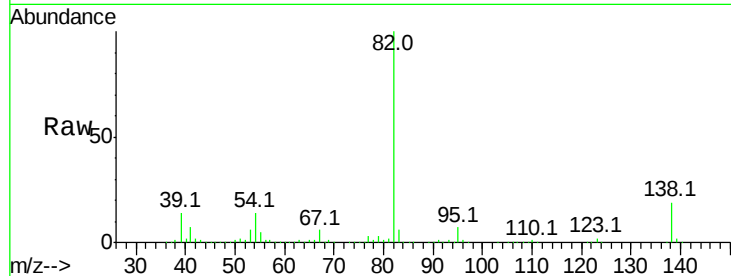
Tot Ion: 82 Resp: 2075431

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.5 14.6 22.0



#26

2-Nitrophenol

Concen: 59.88 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

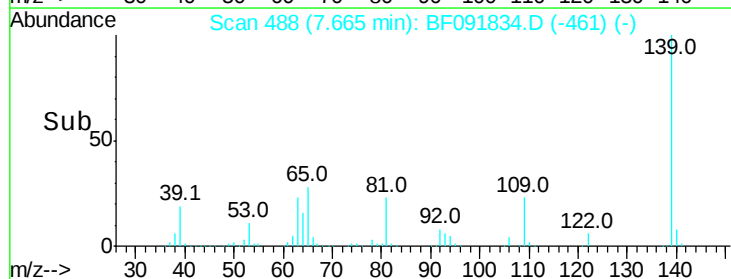
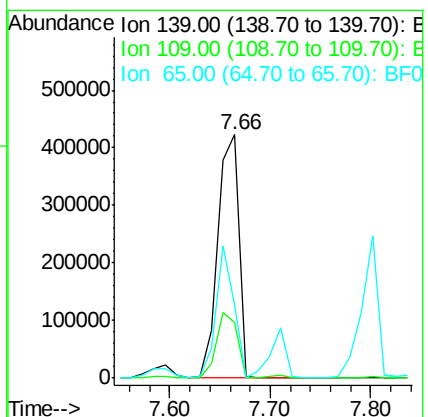
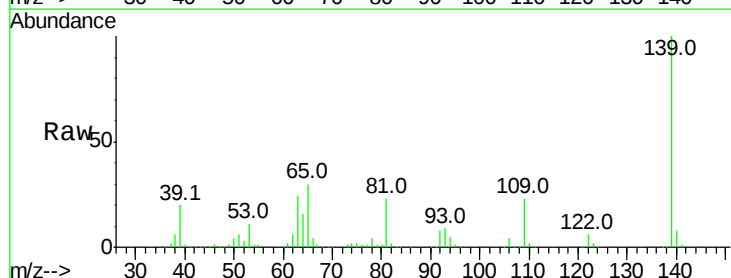
Tgt Ion: 139 Resp: 612301

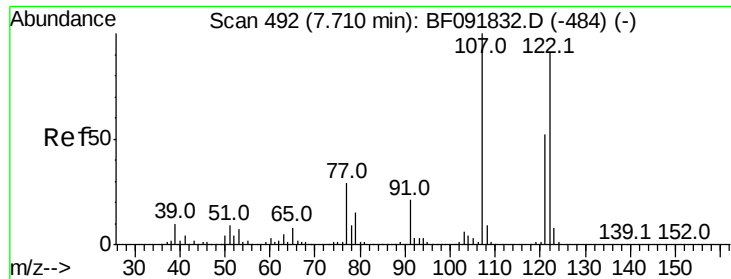
Ion Ratio Lower Upper

139 100

109 22.9 23.3 34.9#

65 30.0 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 56.64 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

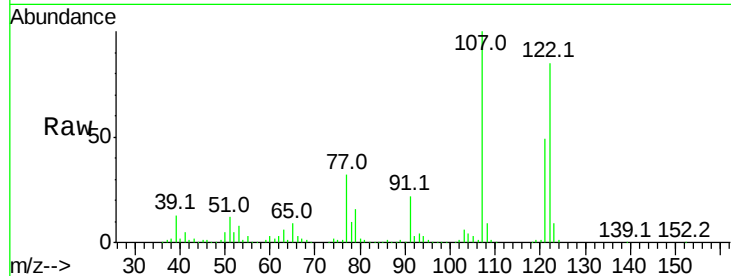
Tot Ion:122 Resp: 944907

Ion Ratio Lower Upper

122 100

107 117.0 94.1 141.1

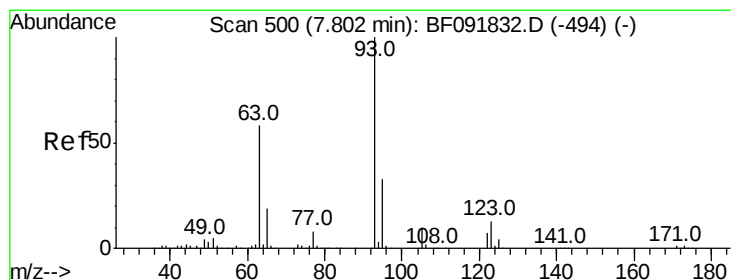
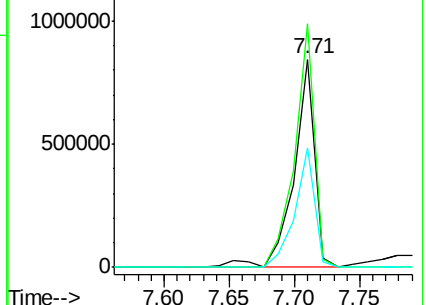
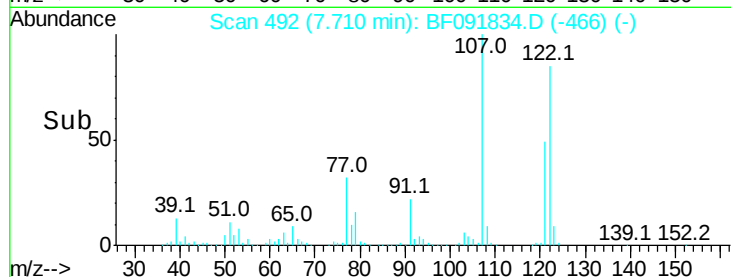
121 57.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 57.82 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

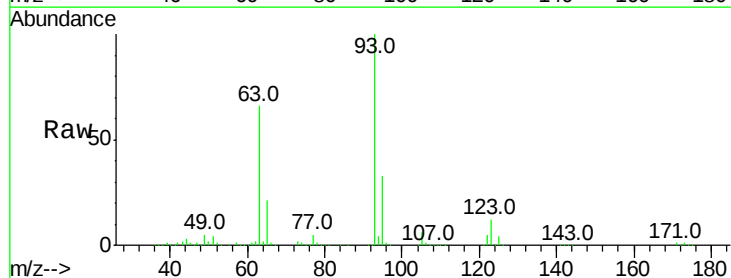
Tgt Ion: 93 Resp: 1273947

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

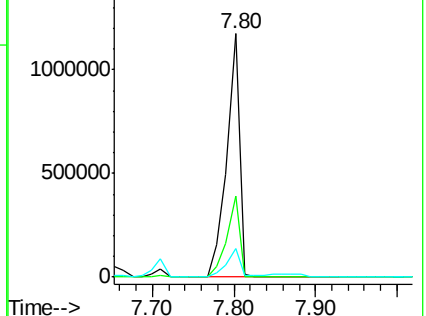
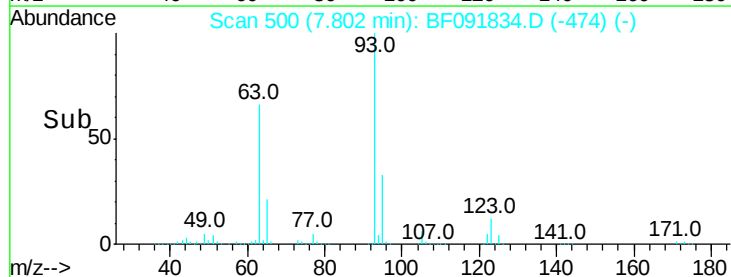
123 11.7 8.6 13.0

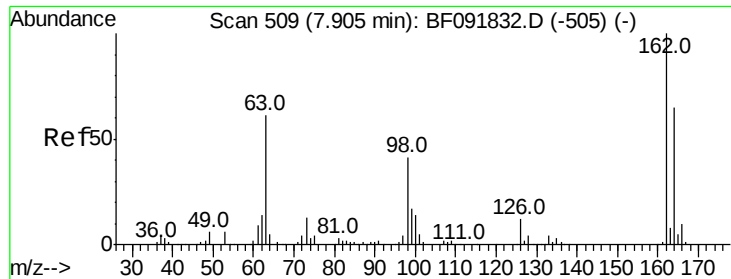


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

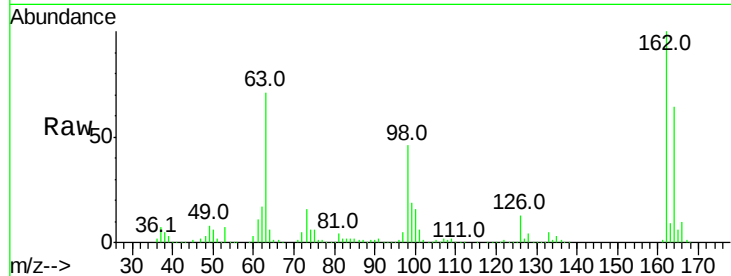
Ion 123.00 (122.70 to 123.70): E



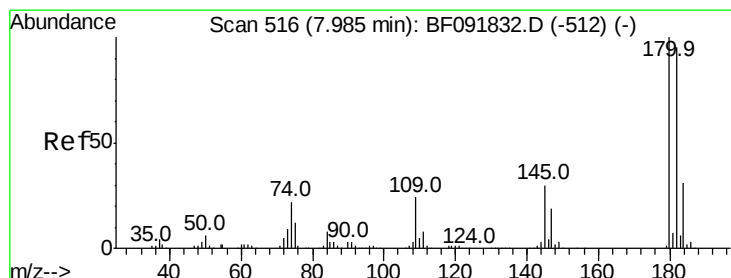
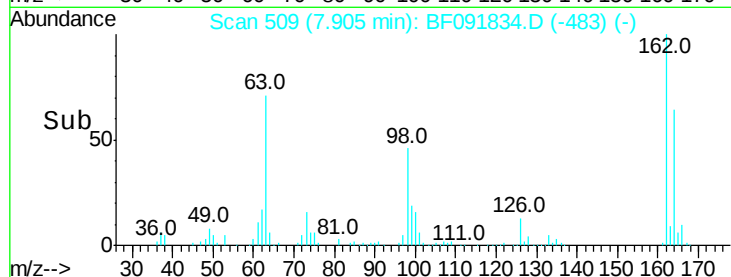
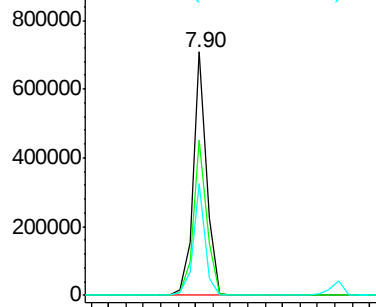


#29
 2,4-Dichlorophenol
 Concen: 49.73 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:	162	Resp:	765005
Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.8	86.8
98	46.1	9.1	49.1

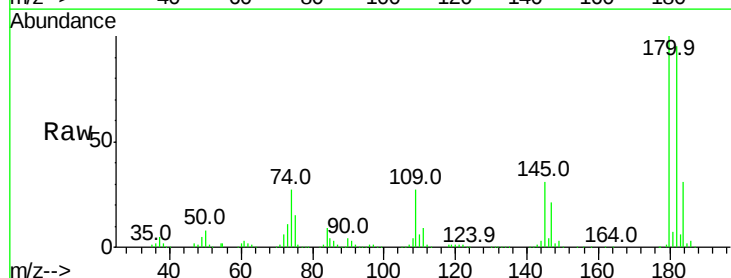


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

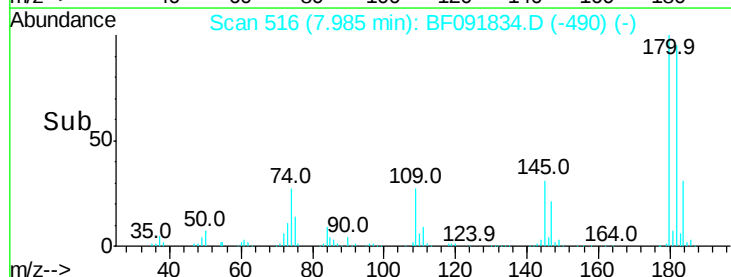
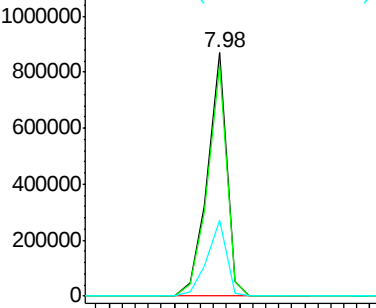


#30
 1,2,4-Trichlorobenzene
 Concen: 53.00 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion:	180	Resp:	883627
Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.2	117.4
145	31.4	21.6	32.4



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





#31

Naphthalene

Concen: 53.10 ng

RT: 8.06 min Scan# 523

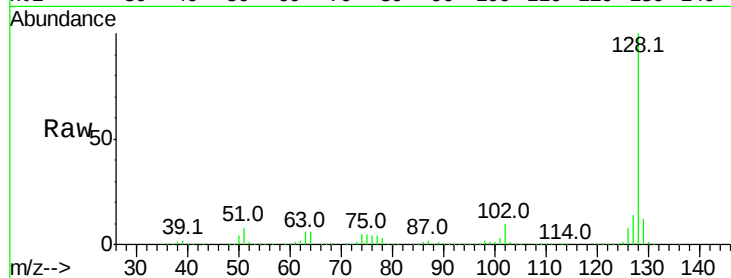
Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tot Ion:128 Resp: 2887610

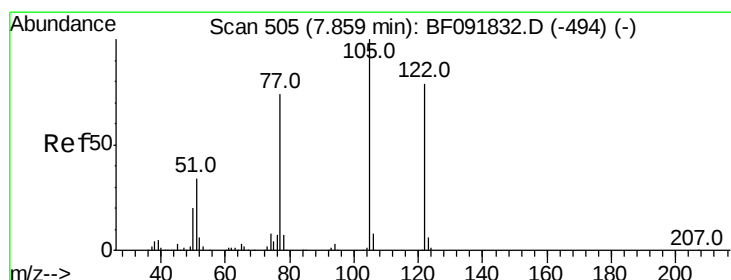
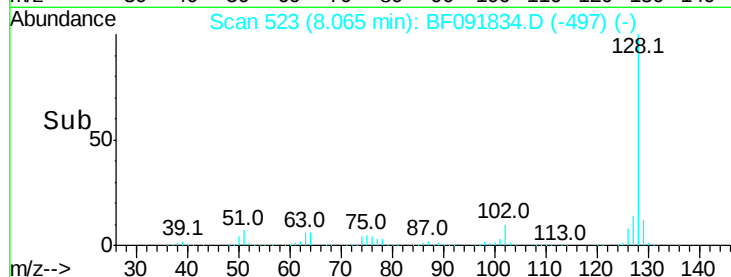
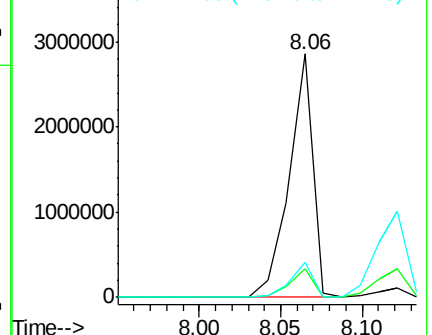
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.5	14.3
127	14.1	10.8	16.2



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: 68.91 ng

RT: 7.88 min Scan# 507

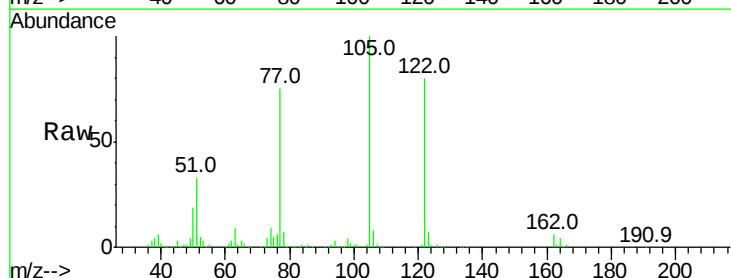
Delta R.T. 0.02 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tgt Ion:122 Resp: 819196

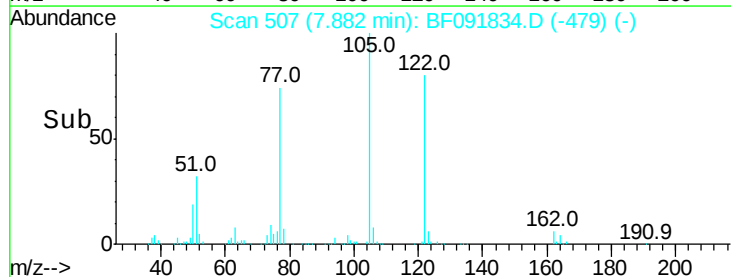
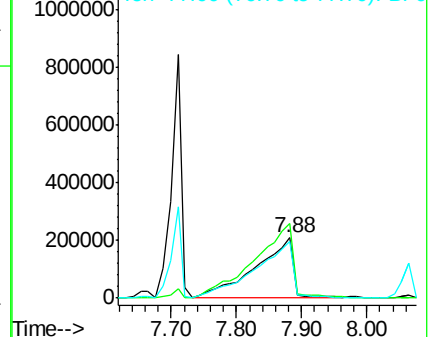
Ion	Ratio	Lower	Upper
122	100		
105	125.0	107.2	147.2
77	93.8	74.5	114.5

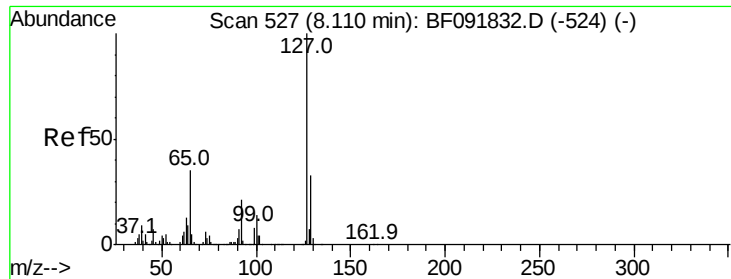


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

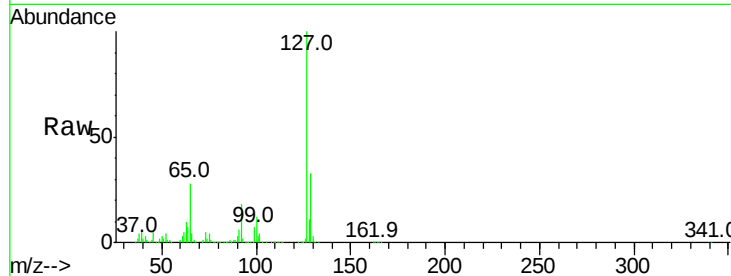
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 56.99 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:	127	Resp:	1305510
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	27.7	25.8	38.8
92	18.2	16.1	24.1



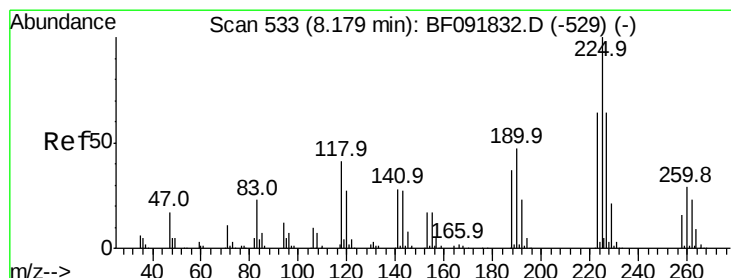
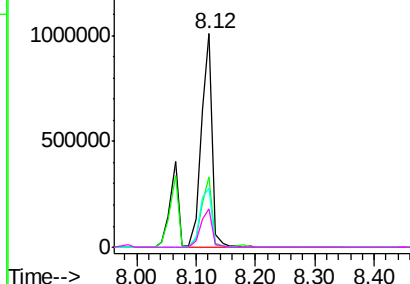
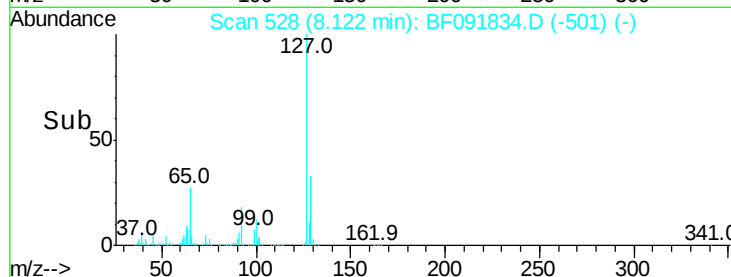
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

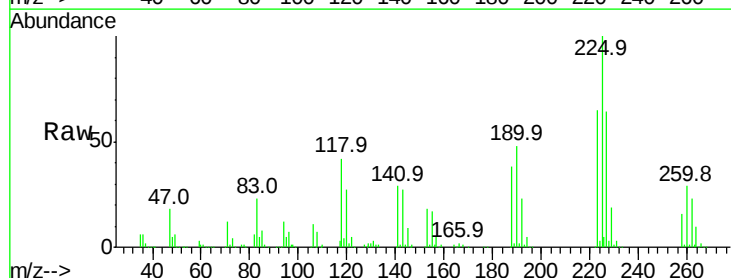
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 50.56 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:	225	Resp:	473999
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.0	76.6
227	64.3	50.6	76.0

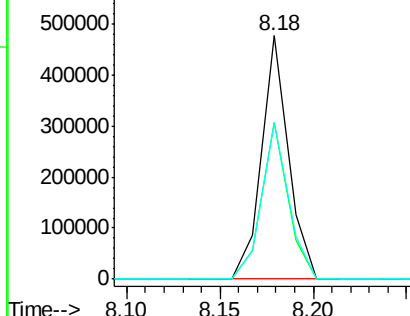
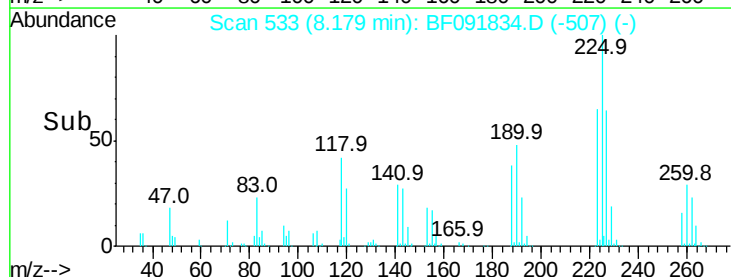


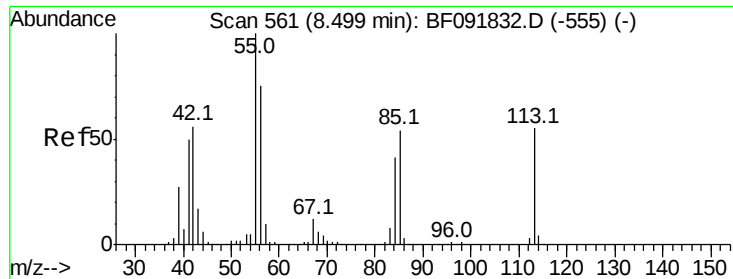
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

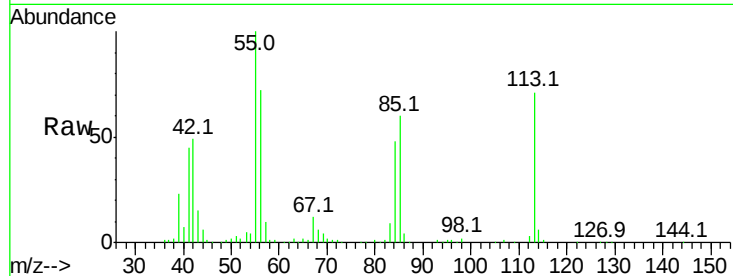
Ion 227.00 (226.70 to 227.70): E



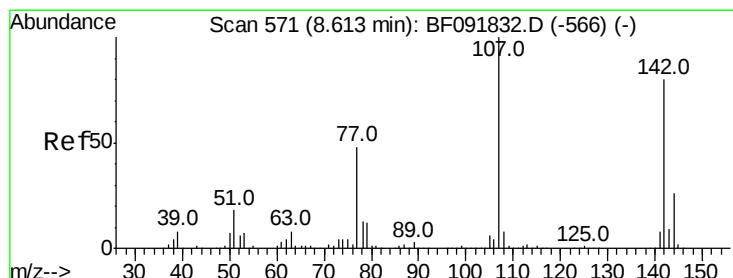
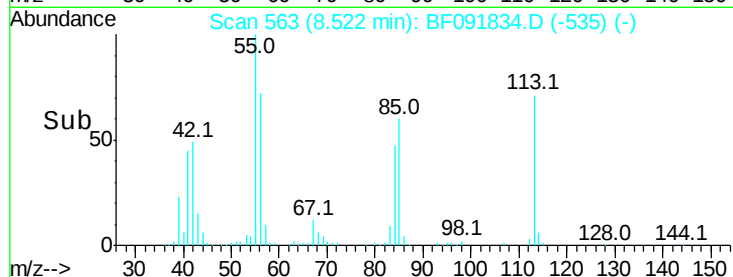
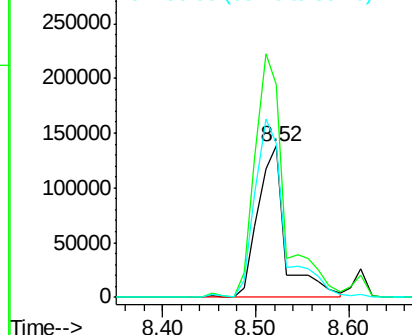


#35
Caprolactam
Concen: 57.78 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:113 Resp: 286030
Ion Ratio Lower Upper
113 100
55 140.6 119.2 159.2
56 101.8 83.8 123.8

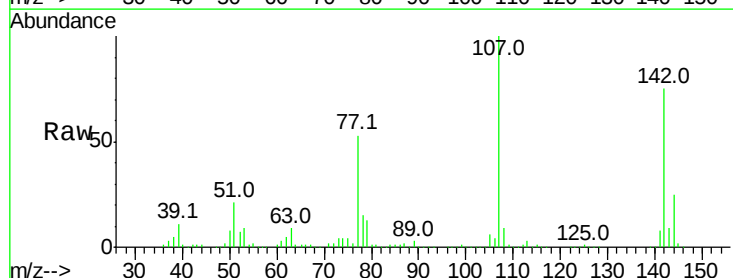


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

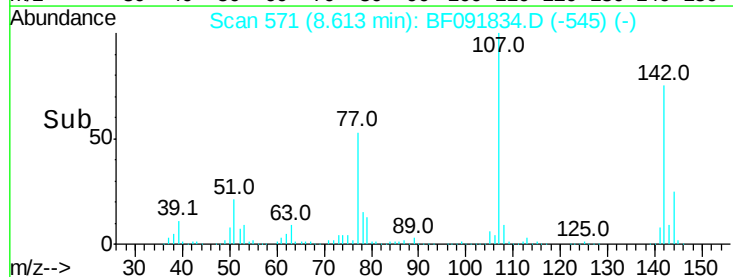
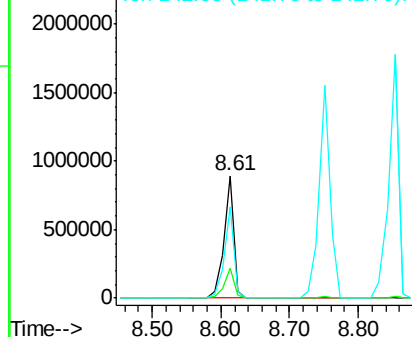


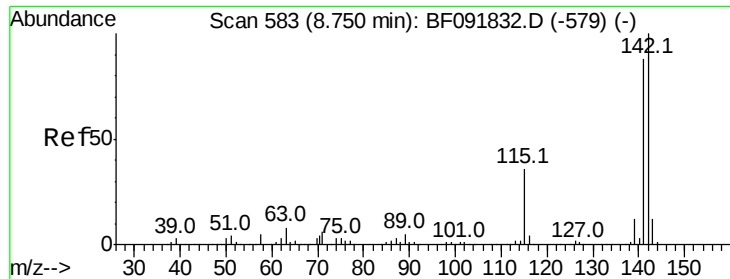
#36
4-Chloro-3-methylphenol
Concen: 53.13 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:107 Resp: 901689
Ion Ratio Lower Upper
107 100
144 24.5 19.3 28.9
142 74.9 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

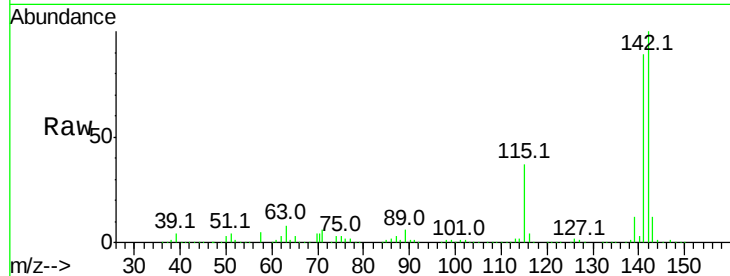




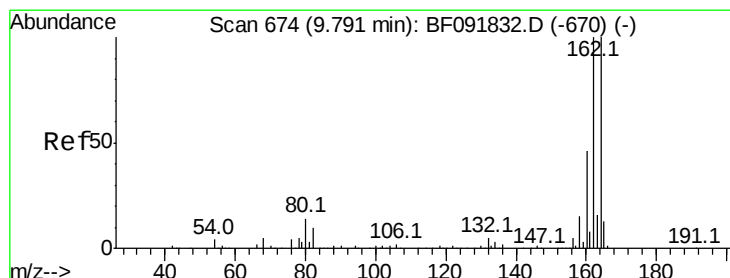
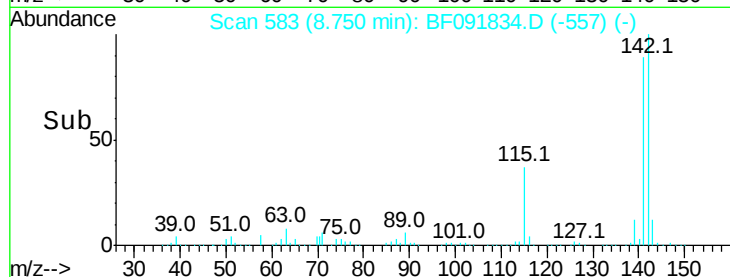
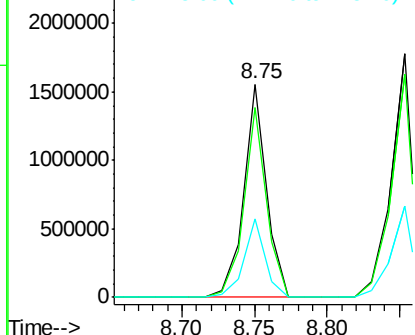
#37
2-Methylnaphthalene
Concen: 49.19 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:142 Resp: 1686528

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	36.6	28.3	42.5



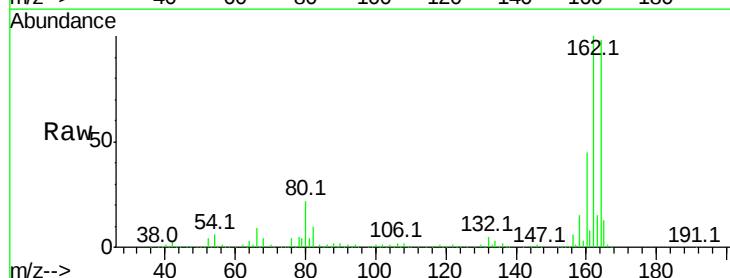
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



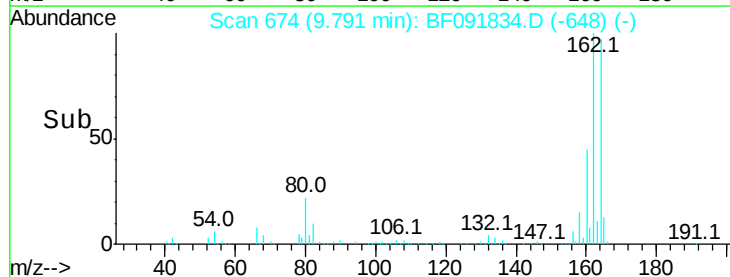
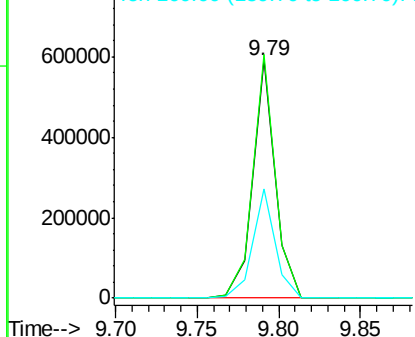
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

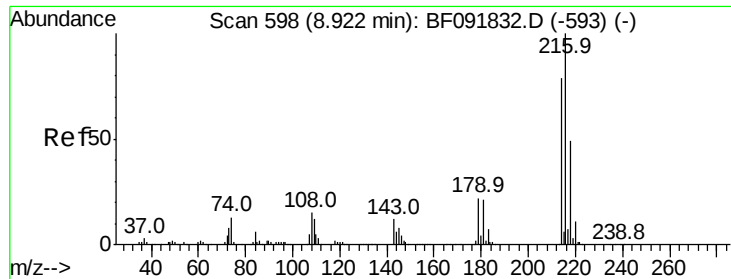
Tgt Ion:164 Resp: 568529

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	45.8	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: 55.97 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tot Ion:216 Resp: 793124

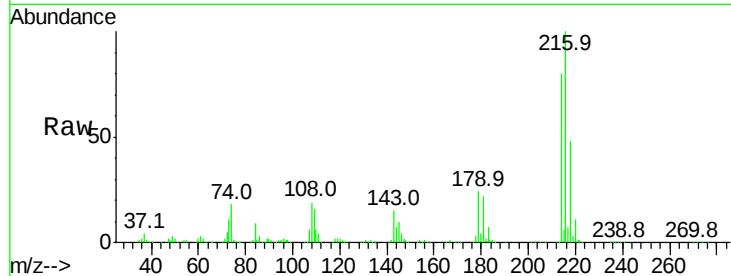
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.0

179 24.1 17.4 26.2

108 22.4 15.6 23.4

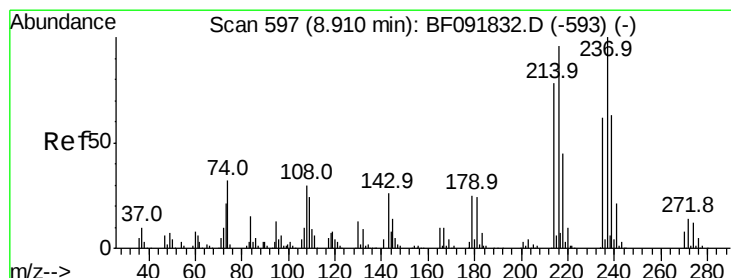
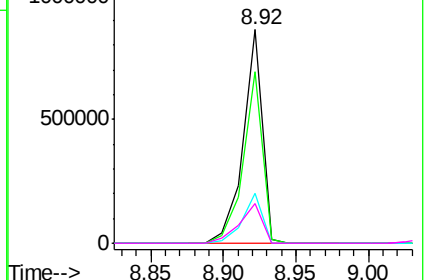
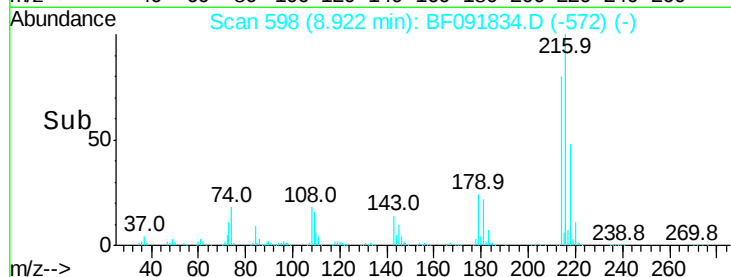


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.09 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

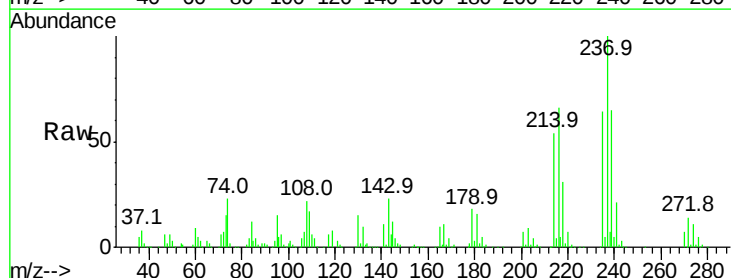
Tgt Ion:237 Resp: 372895

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

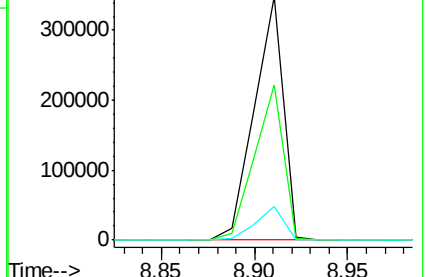
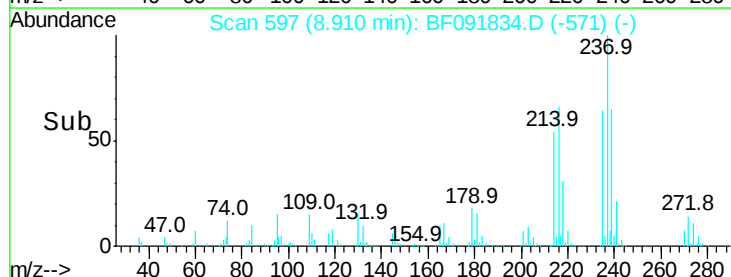
272 14.1 0.0 35.4

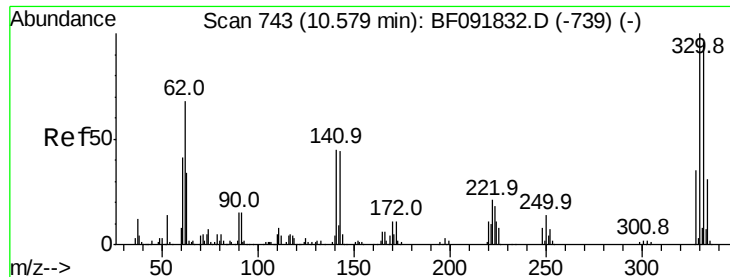


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

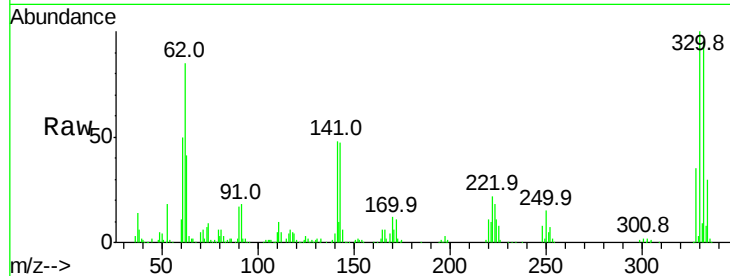
Ion 271.75 (271.45 to 272.45): E



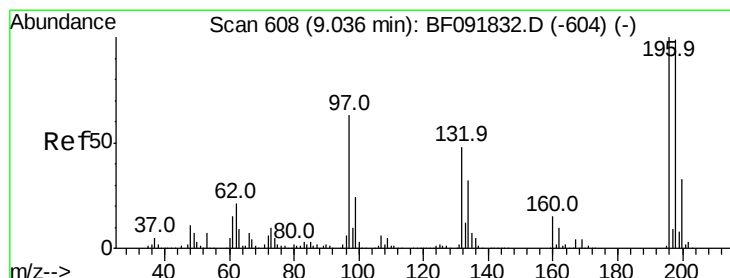
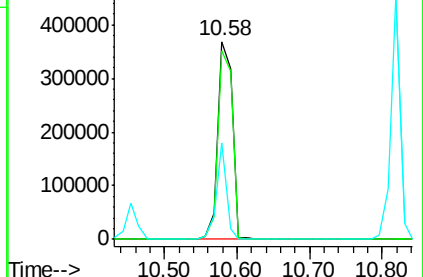
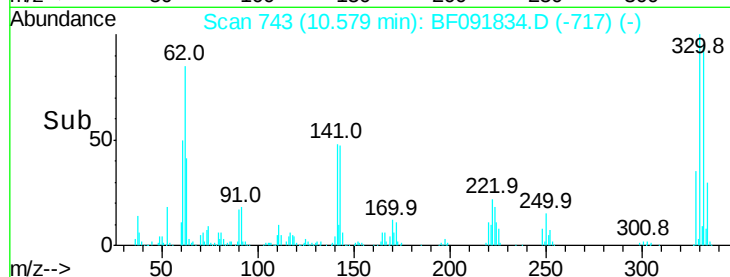


#41
 2,4,6-Tribromophenol
 Concen: 107.42 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:330 Resp: 517884
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 33.3 34.1 51.1#

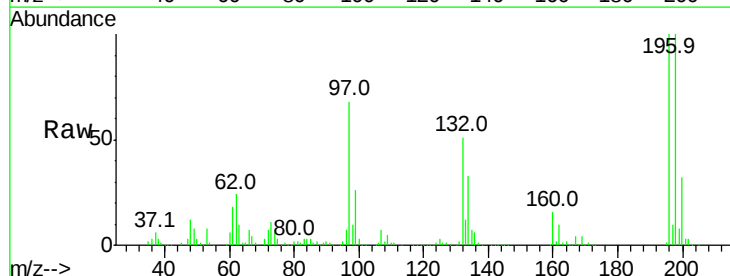


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

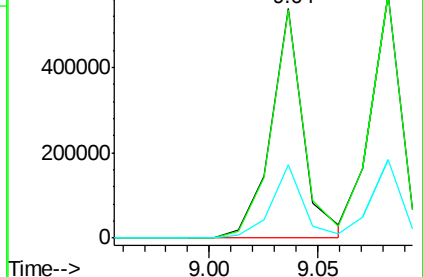
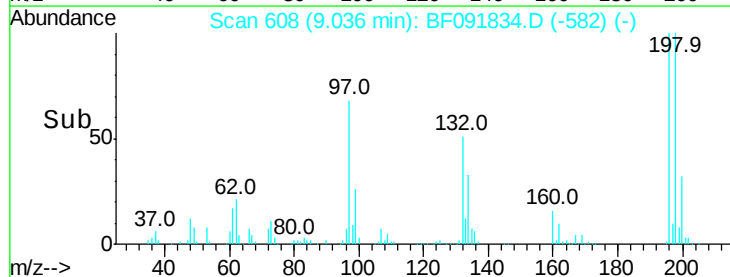


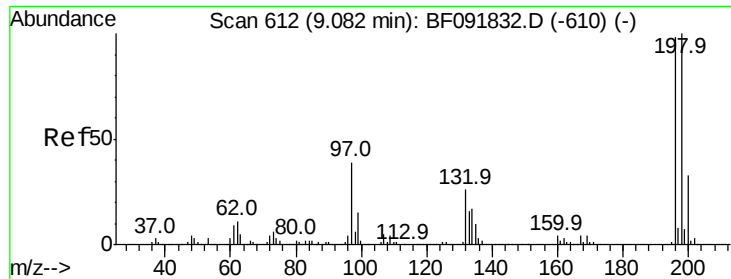
#42
 2,4,6-Trichlorophenol
 Concen: 55.15 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion:196 Resp: 558385
 Ion Ratio Lower Upper
 196 100
 198 99.7 82.1 123.1
 200 32.2 27.0 40.4



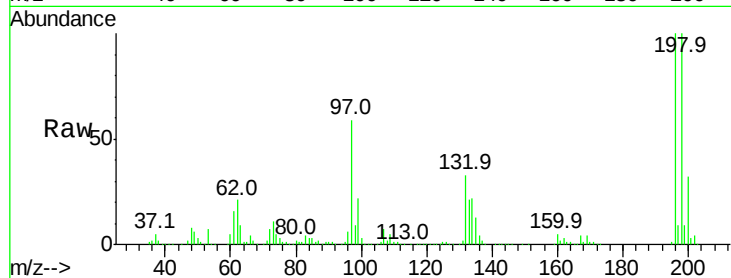
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 55.73 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.0	79.4	119.2
97	58.7	51.5	77.3
132	32.6	27.4	41.2



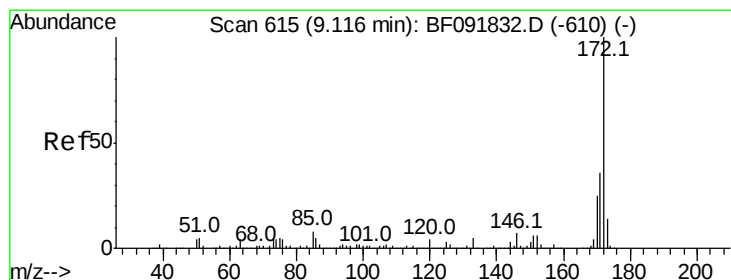
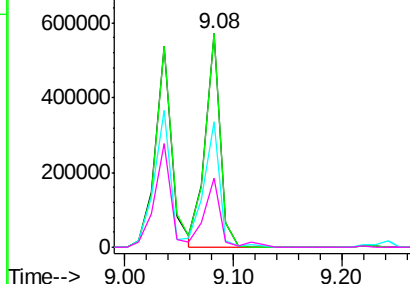
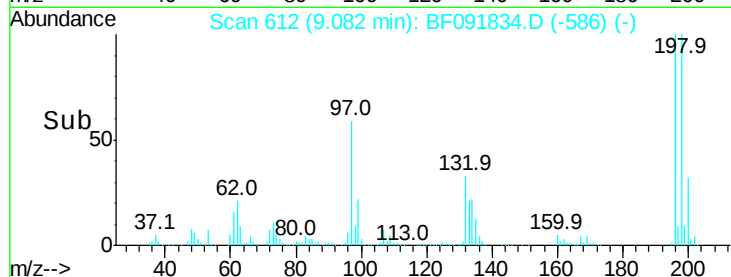
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

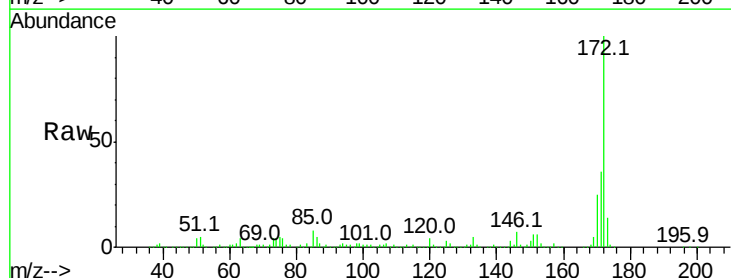
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.20 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.6	20.2	30.4

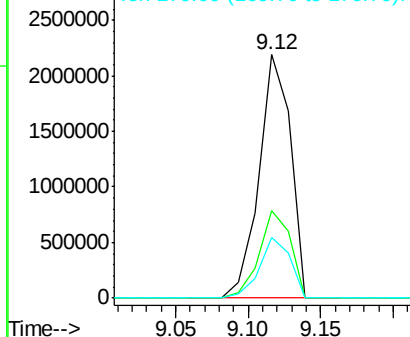
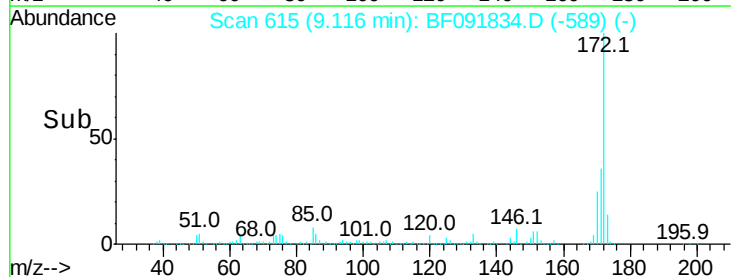


Abundance

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: 50.07 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

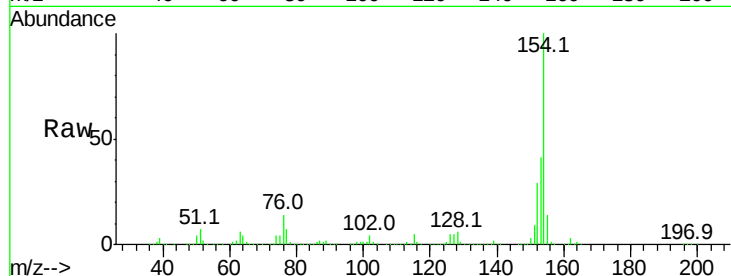
Tot Ion:154 Resp: 2040266

Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

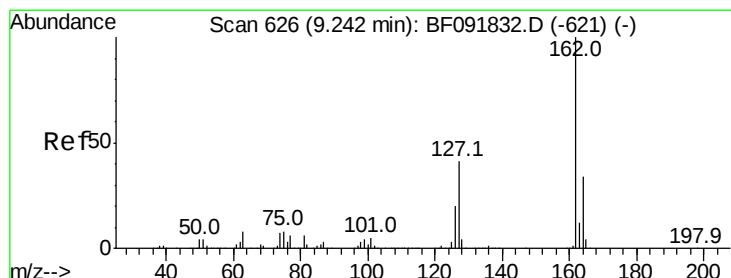
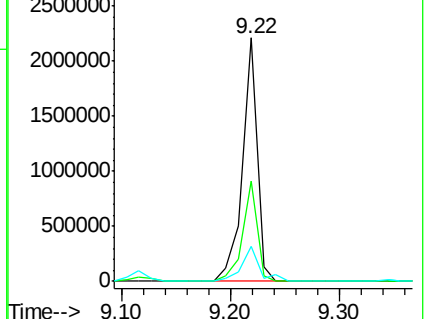
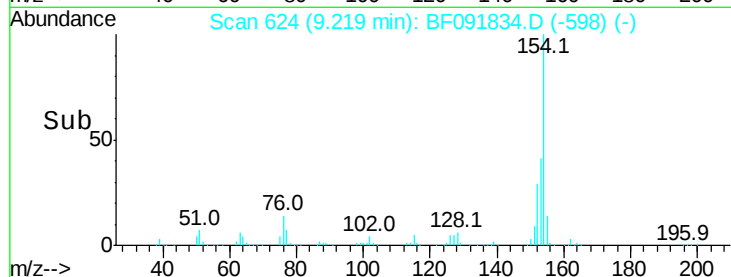
76 14.4 0.0 30.5



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: 52.09 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

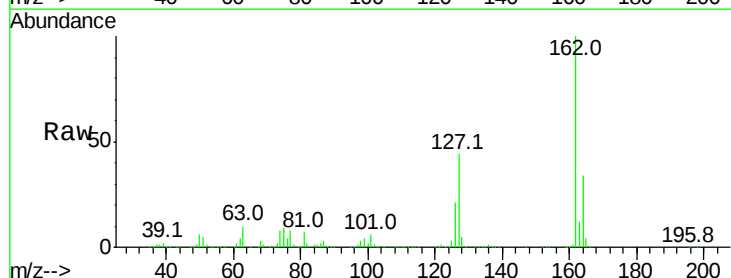
Tgt Ion:162 Resp: 1586182

Ion Ratio Lower Upper

162 100

127 44.2 30.7 46.1

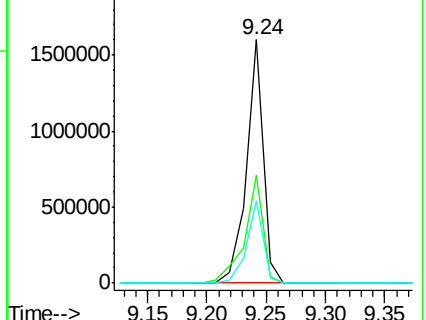
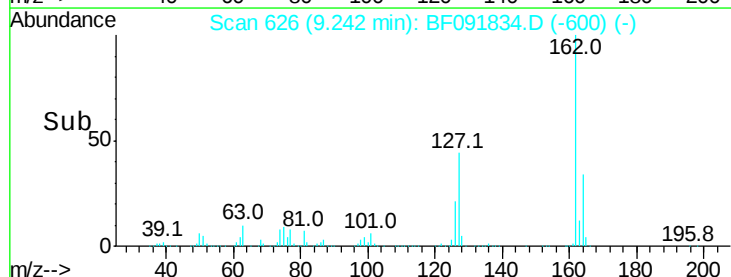
164 33.9 27.6 41.4

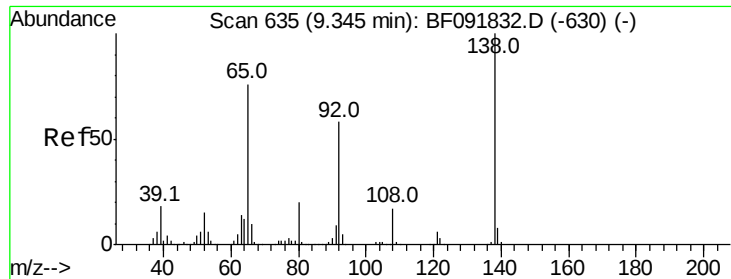


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

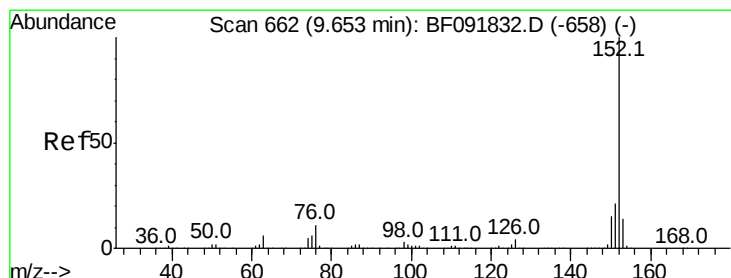
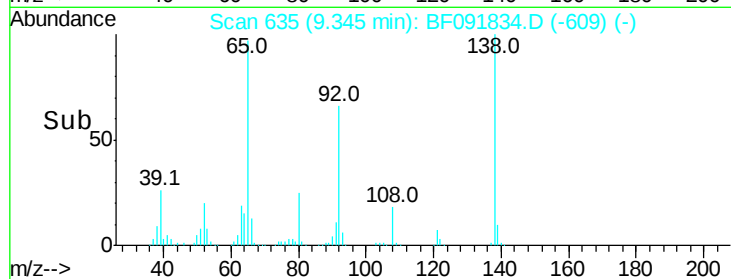
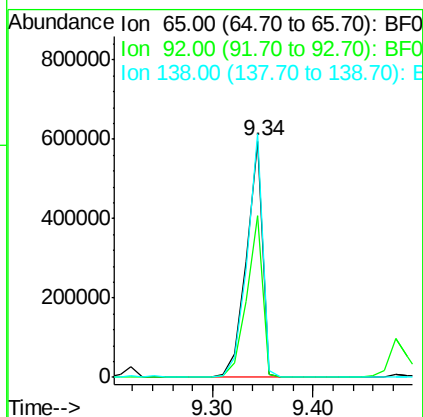
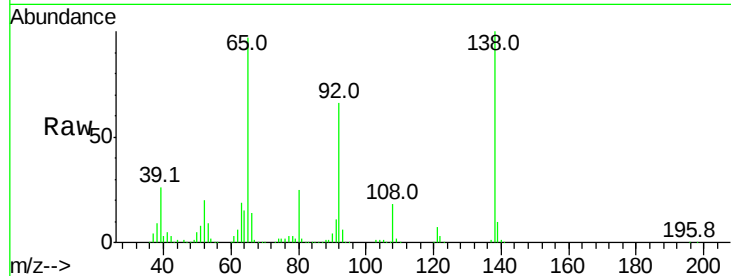
Ion 164.00 (163.70 to 164.70): E





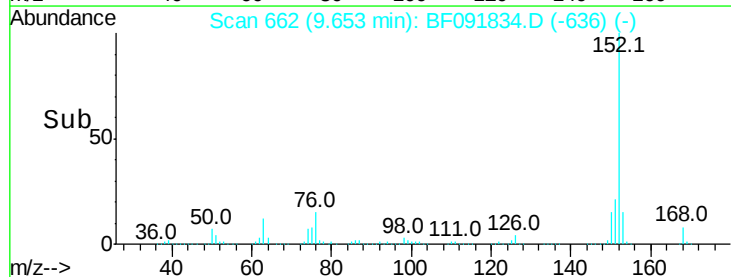
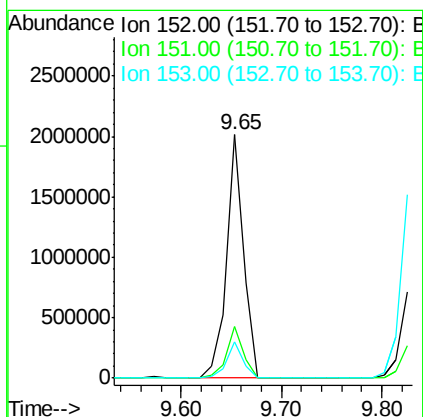
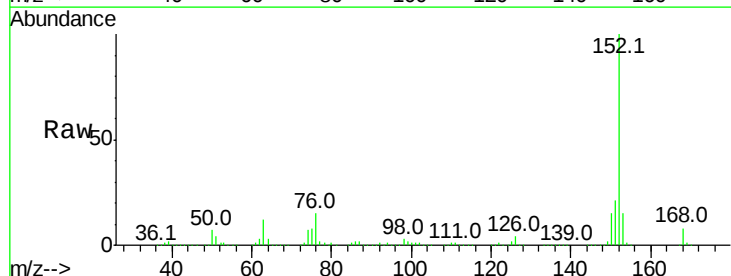
#47
2-Nitroaniline
Concen: 63.69 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

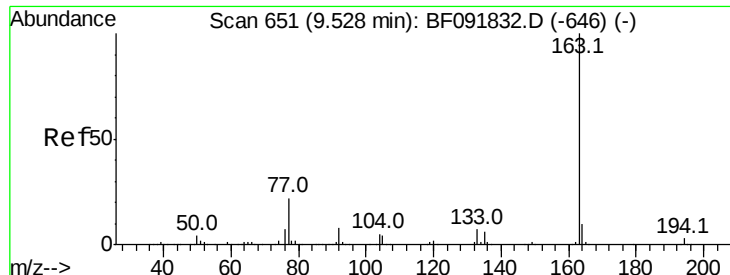
Tot Ion: 65 Resp: 662160
Ion Ratio Lower Upper
65 100
92 68.5 53.9 80.9
138 103.2 76.8 115.2



#48
Acenaphthylene
Concen: 49.91 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion: 152 Resp: 2354935
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 14.7 11.4 17.2





#49

Dimethylphthalate

Concen: 53.61 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

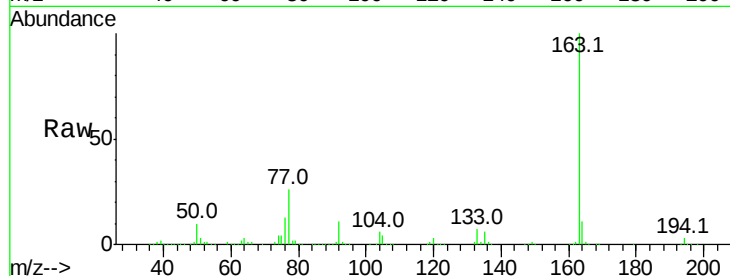
Tot Ion:163 Resp: 1990730

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

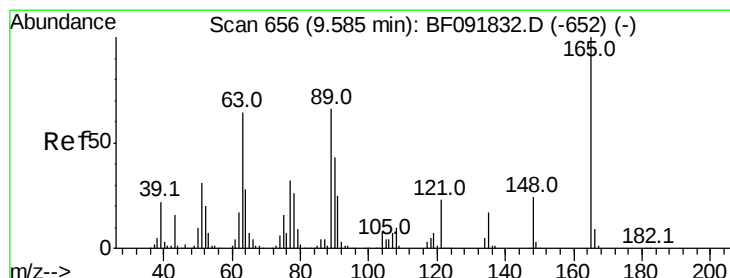
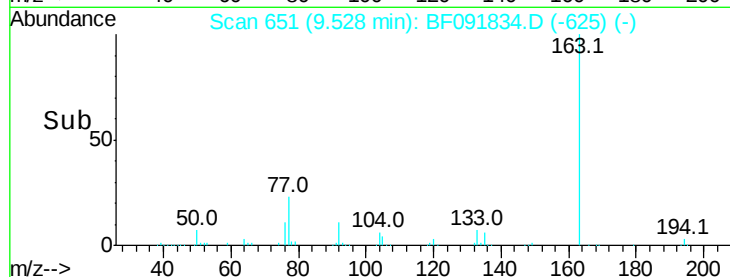
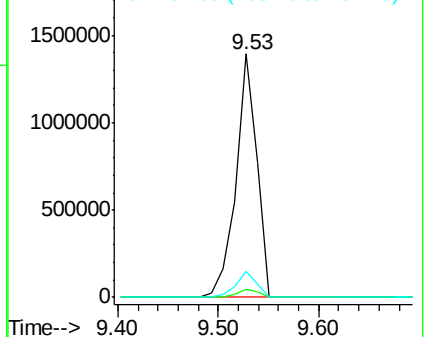
164 10.9 8.0 12.0



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: 55.83 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

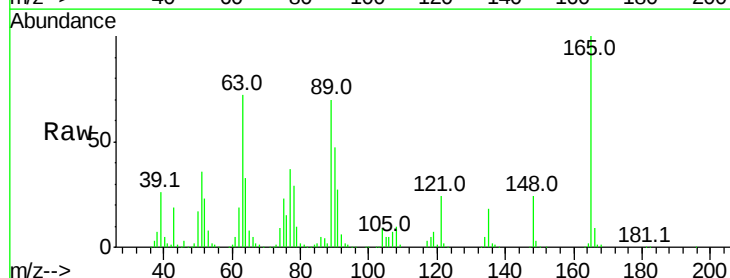
Tgt Ion:165 Resp: 454600

Ion Ratio Lower Upper

165 100

63 71.7 36.2 54.4#

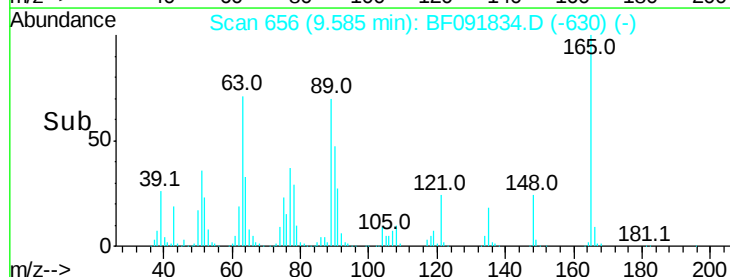
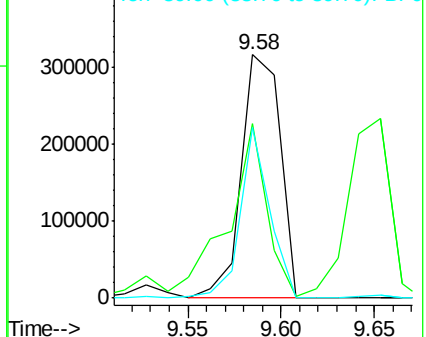
89 70.2 40.2 60.4#

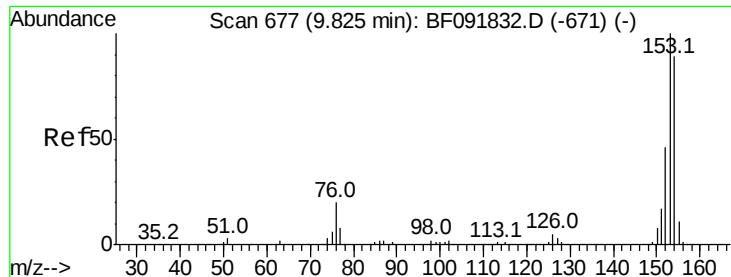


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

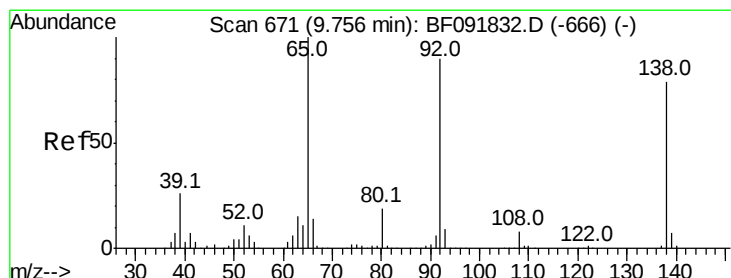
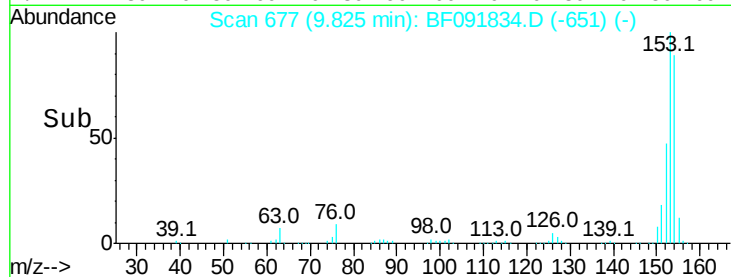
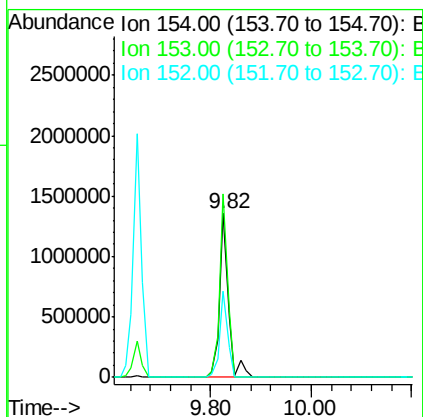
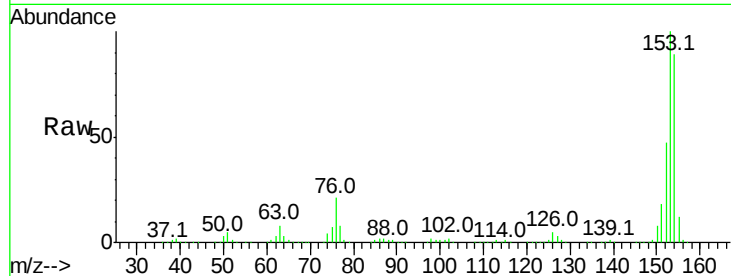




#51
Acenaphthene
Concen: 51.77 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:154 Resp: 1676410

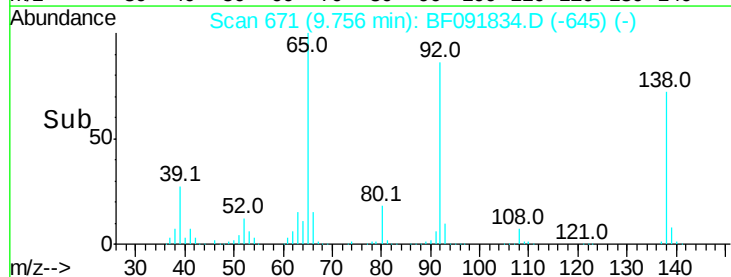
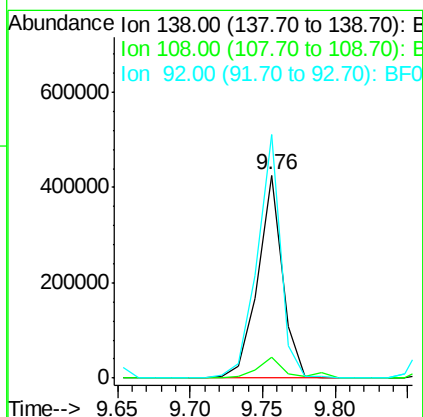
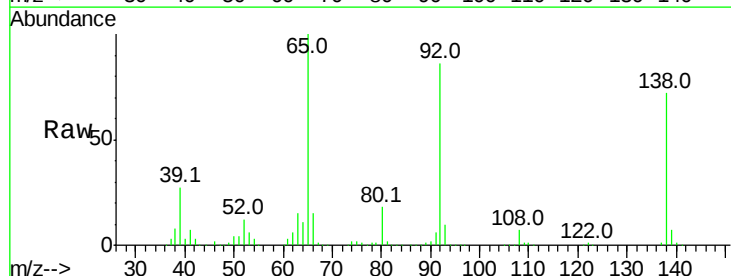
Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.6	133.0
152	52.6	41.6	62.4

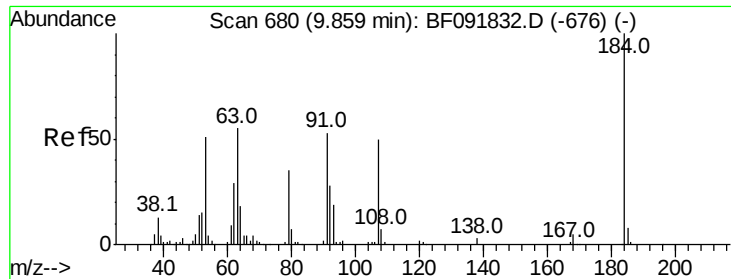


#52
3-Nitroaniline
Concen: 49.74 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:138 Resp: 504273

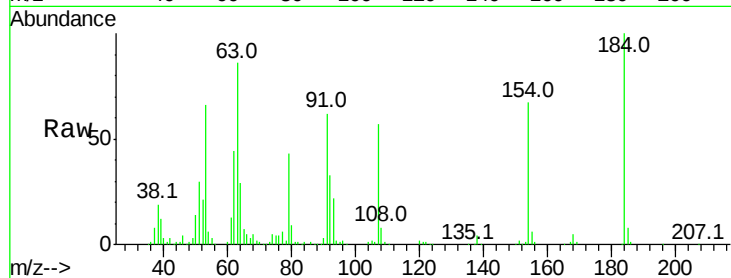
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	120.1	97.8	146.8



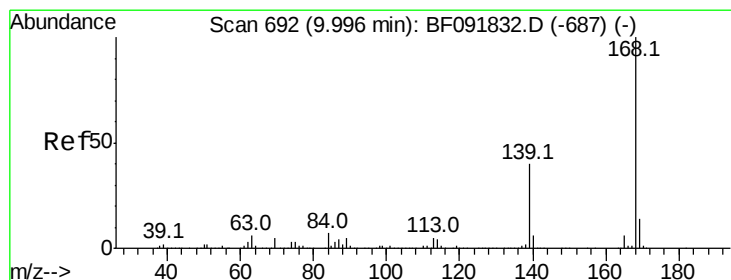
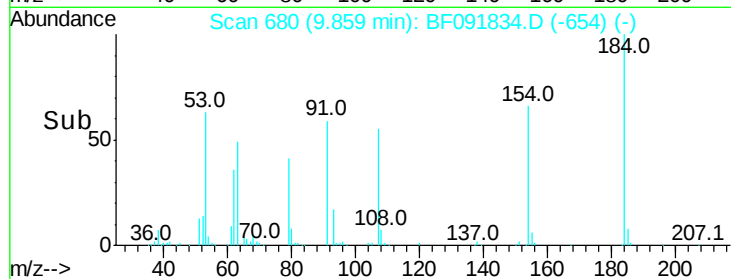
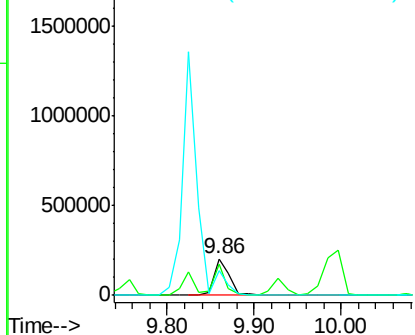


#53
2,4-Dinitrophenol
Concen: 60.48 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion	Ratio	Lower	Upper
184	100		
63	86.1	28.4	42.6#
154	66.5	44.3	66.5#

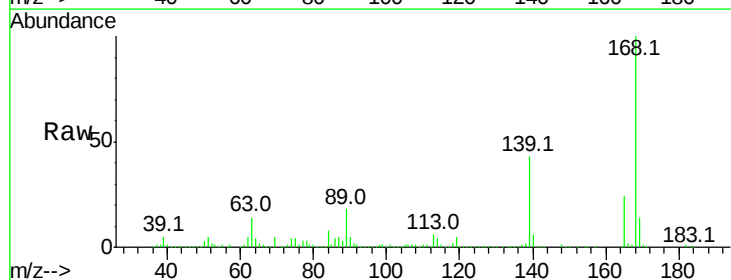


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

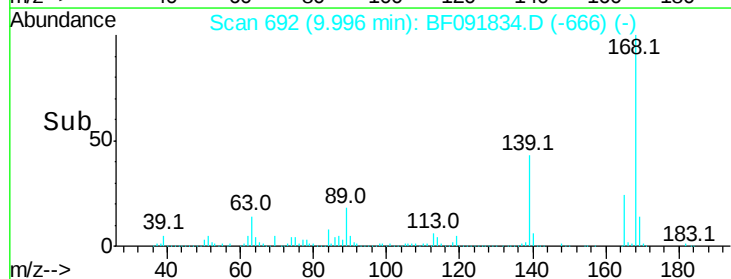
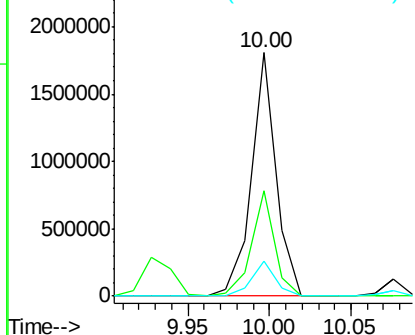


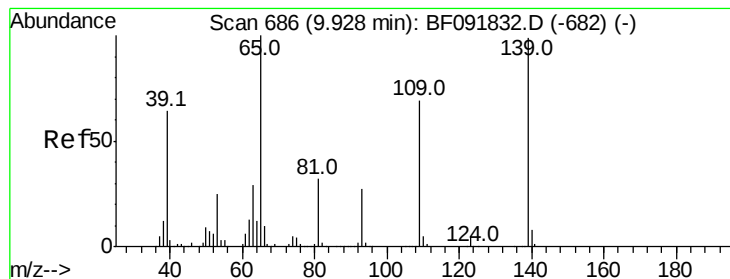
#54
Dibenzofuran
Concen: 49.10 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.4	32.6	49.0
169	14.4	11.3	16.9



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





#55

4-Nitrophenol

Concen: 53.71 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

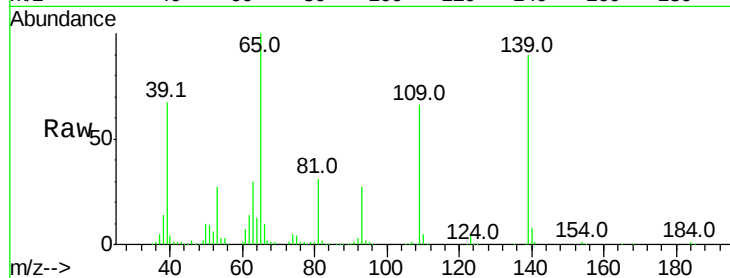
Tot Ion:139 Resp: 378138

Ion Ratio Lower Upper

139 100

109 73.6 52.2 92.2

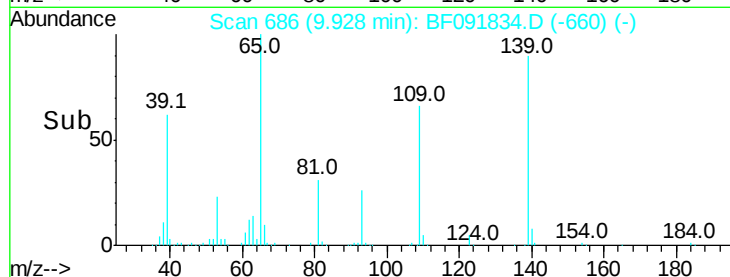
65 111.7 85.8 125.8



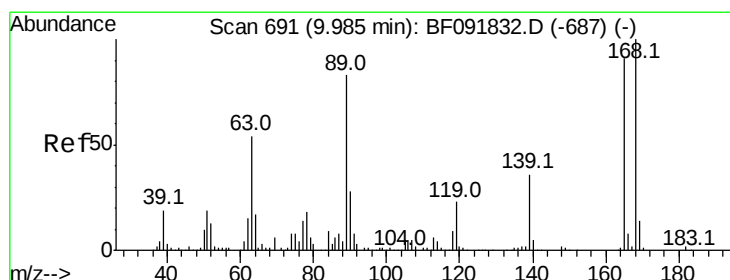
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 57.43 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tgt Ion:165 Resp: 584167

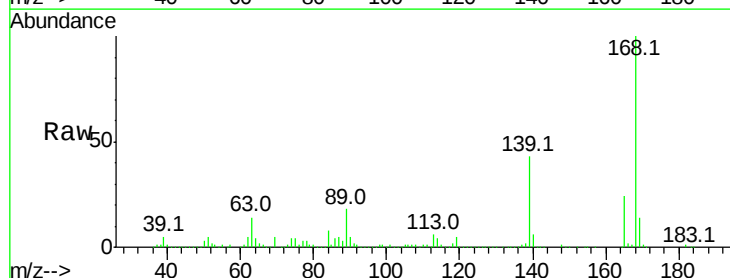
Ion Ratio Lower Upper

165 100

63 57.8 40.2 60.4

89 74.8 62.5 93.7

182 2.4 1.8 2.8

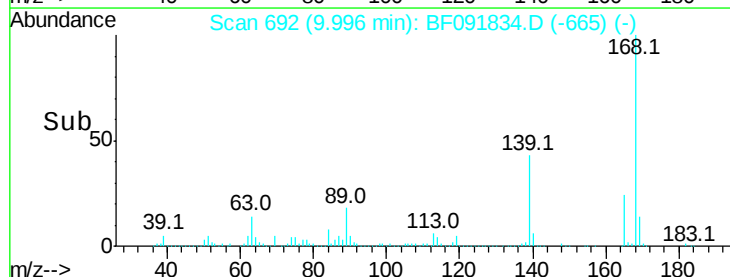


Abundance Ion 165.00 (164.70 to 165.70): E

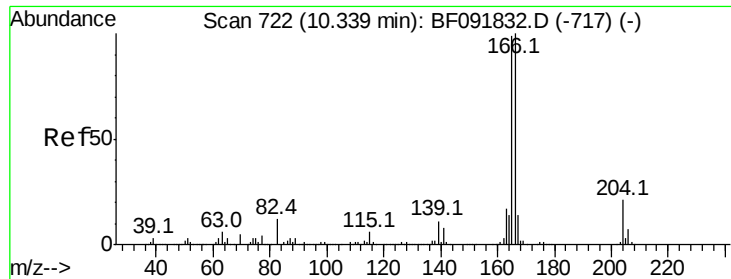
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



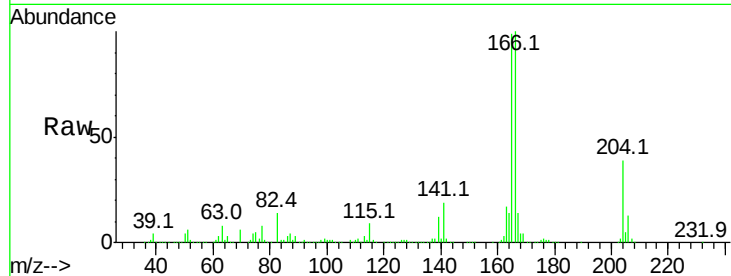
Time-->



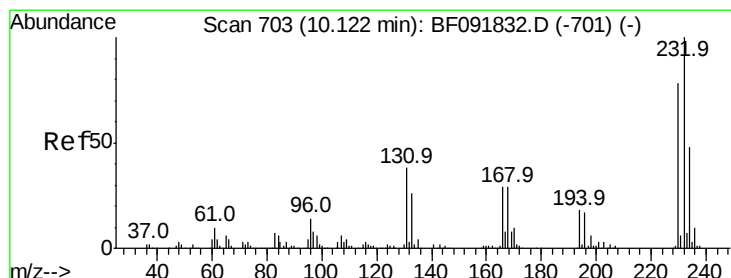
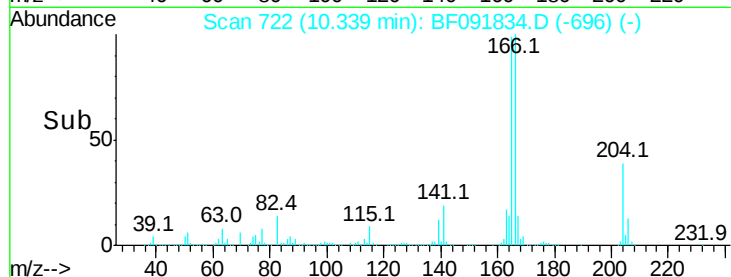
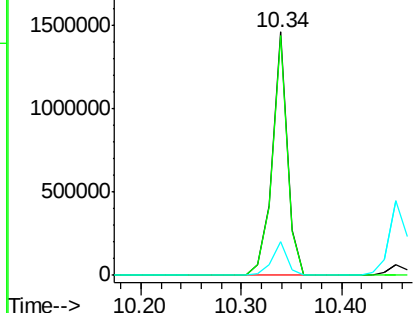
#57
Fluorene
 Concen: 50.83 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:166 Resp: 1520392

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	13.9	10.8	16.2



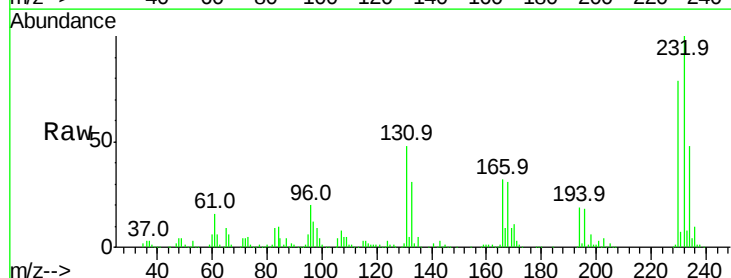
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



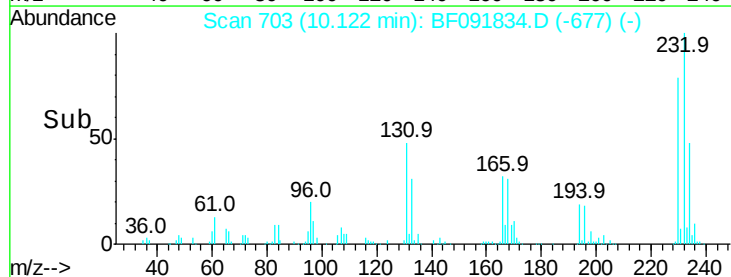
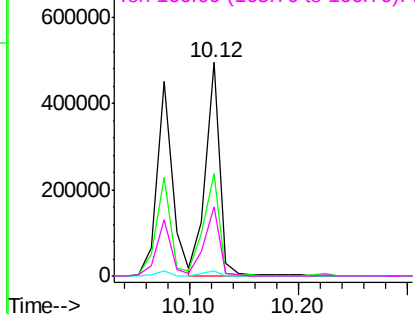
#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.01 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

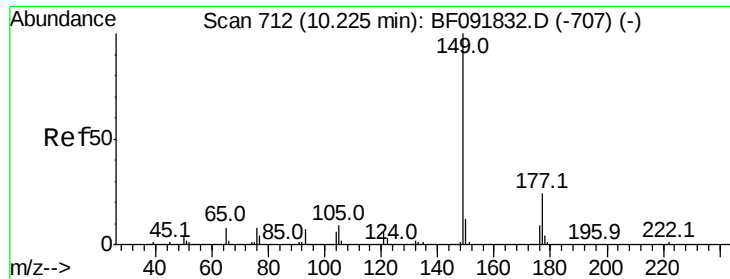
Tgt Ion:232 Resp: 452411

Ion	Ratio	Lower	Upper
232	100		
131	52.1	40.1	60.1
130	2.6	1.8	2.8
166	34.0	26.6	39.8



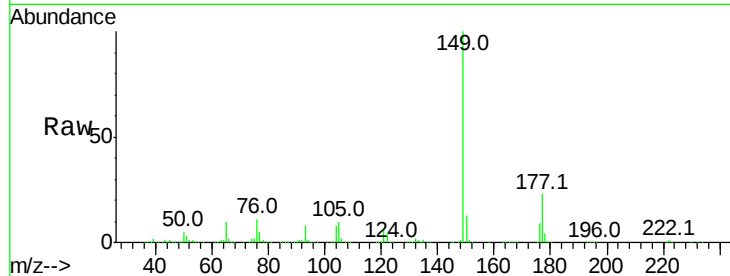
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



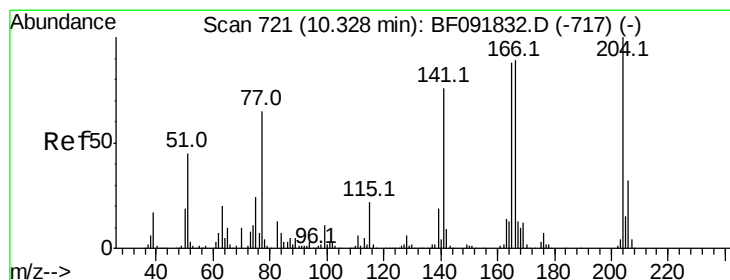
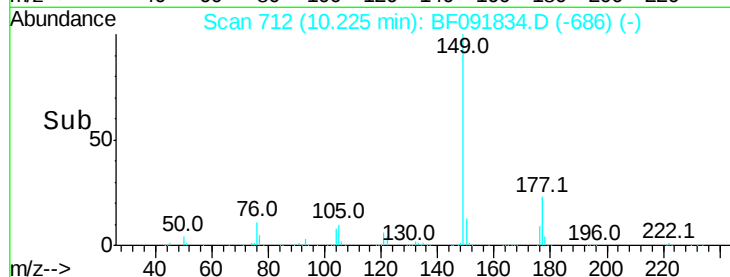
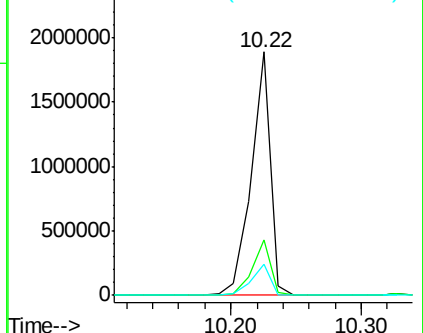


#59
Diethylphthalate
Concen: 52.47 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:149 Resp: 1915611
Ion Ratio Lower Upper
149 100
177 22.6 16.6 25.0
150 12.8 10.4 15.6

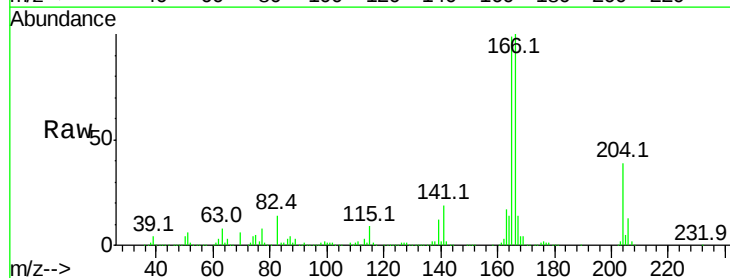


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

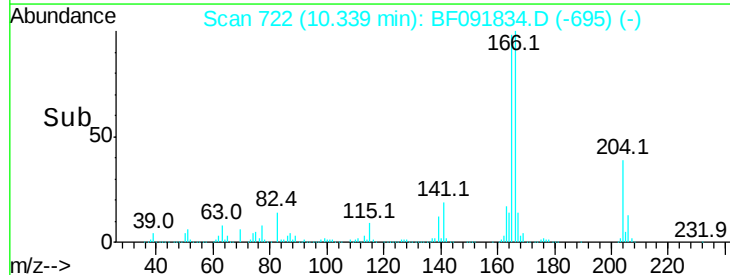
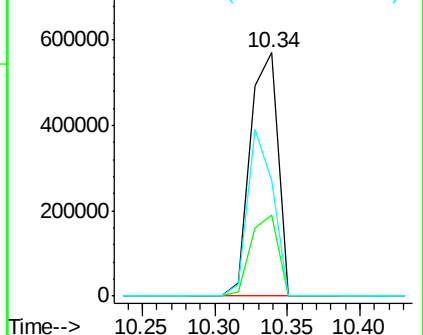


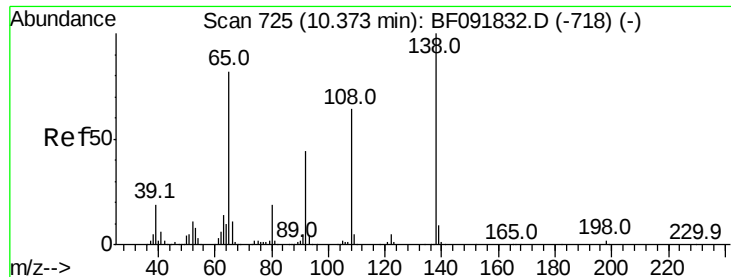
#60
4-Chlorophenyl-phenylether
Concen: 55.33 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:204 Resp: 753858
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 47.5 59.4 89.0#



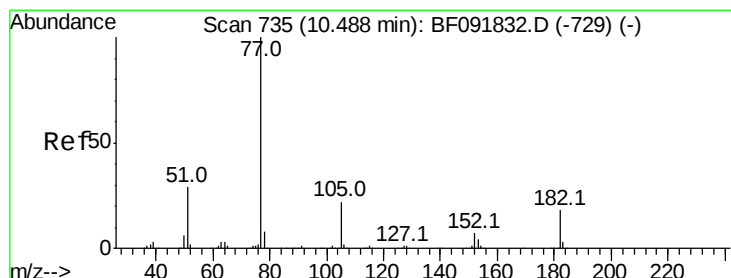
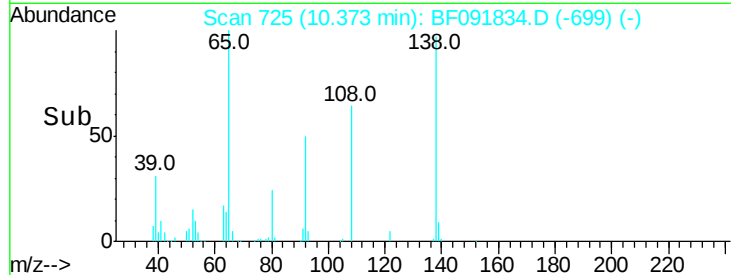
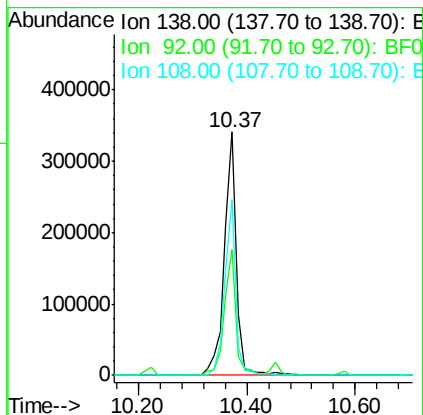
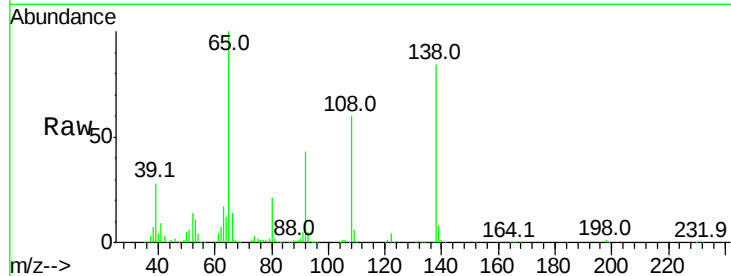
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





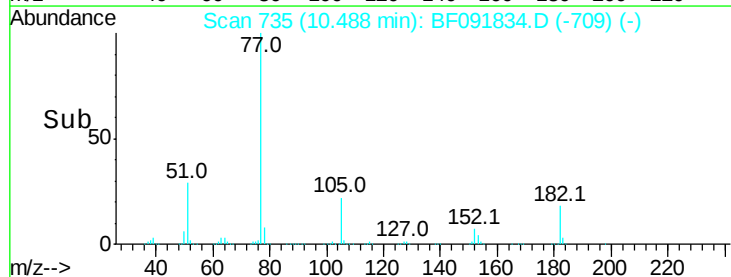
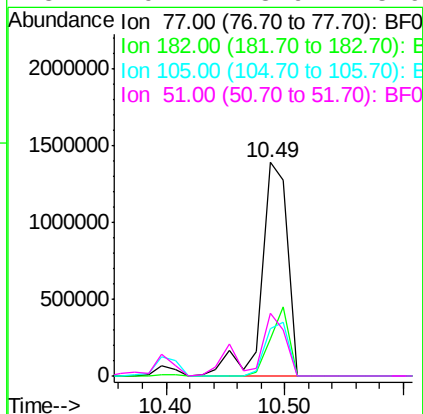
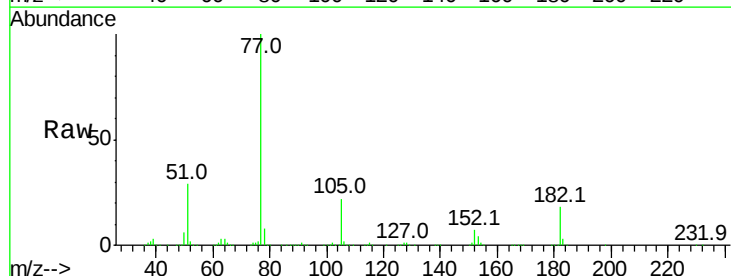
#61
 4-Nitroaniline
 Concen: 55.16 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

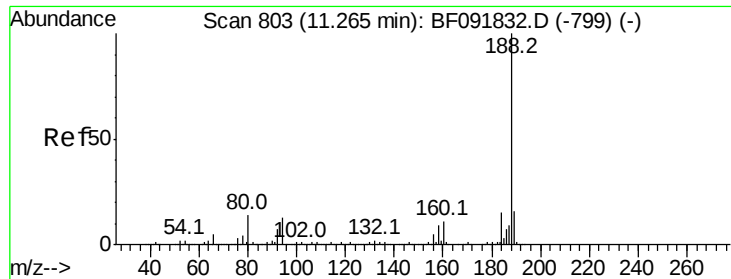
Tot Ion:138	Resp: 529823
Ion Ratio	Lower Upper
138 100	
92 51.8	31.7 71.7
108 72.1	52.6 92.6



#62
 Azobenzene
 Concen: 54.52 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

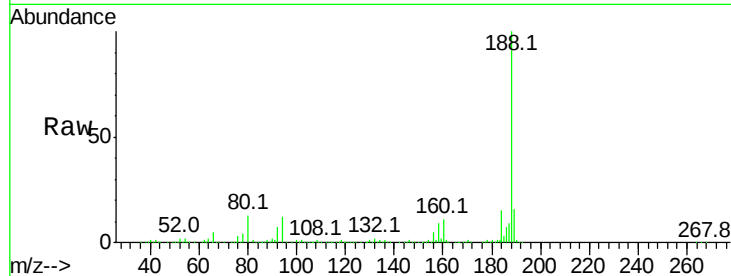
Tgt Ion: 77	Resp: 2117673
Ion Ratio	Lower Upper
77 100	
182 17.7	0.0 39.3
105 22.0	2.3 42.3
51 29.4	8.9 48.9



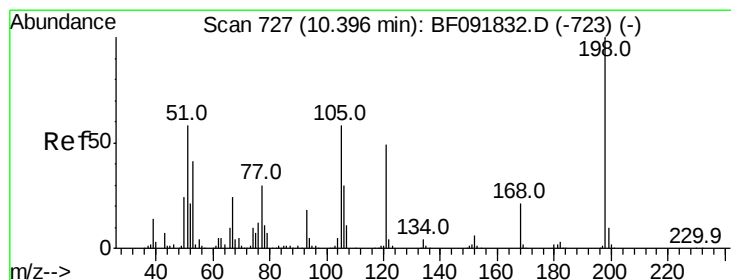
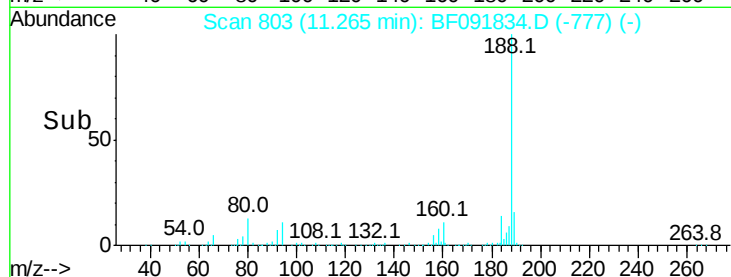
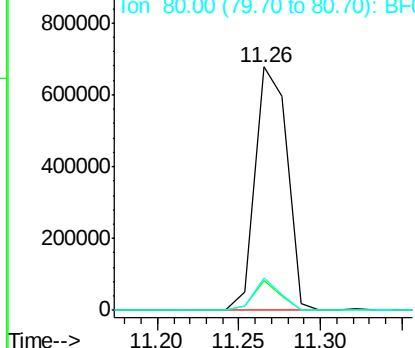


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:188 Resp: 925136
Ion Ratio Lower Upper
188 100
94 12.2 10.0 15.0
80 13.4 11.2 16.8

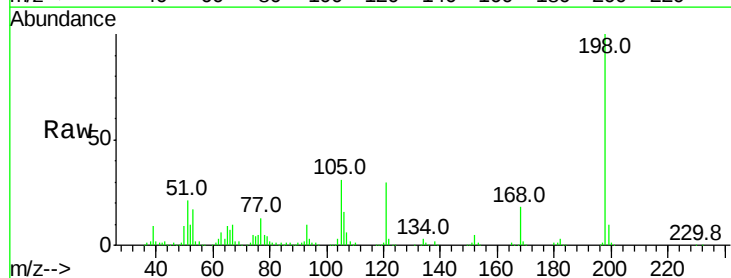


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

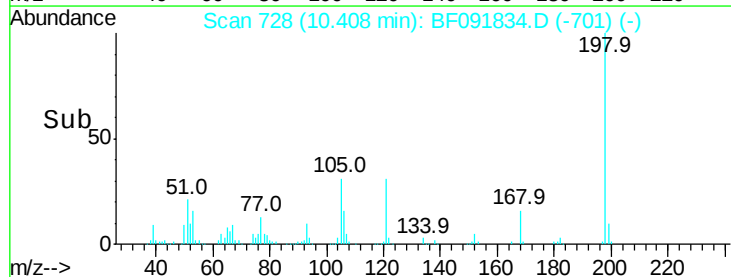
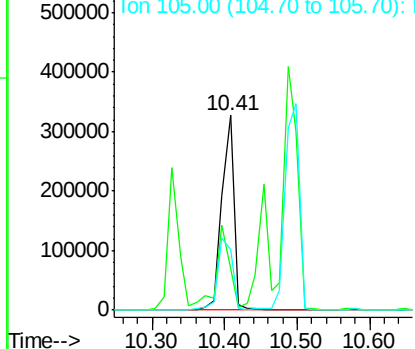


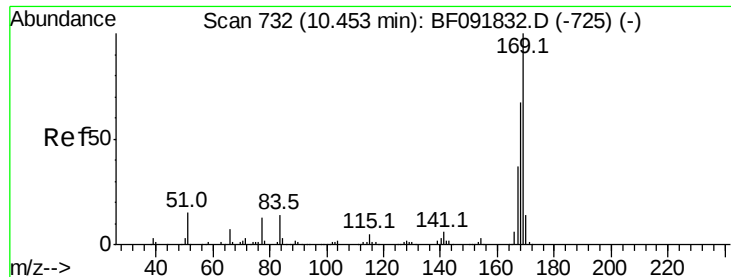
#64
4,6-Dinitro-2-methylphenol
Concen: 63.38 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:198 Resp: 386692
Ion Ratio Lower Upper
198 100
51 21.4 6.7 46.7
105 31.2 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: 51.00 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

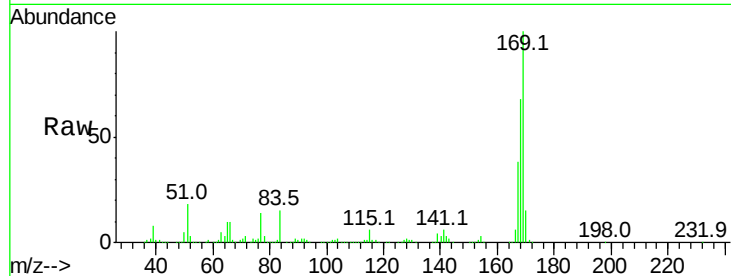
Tot Ion:169 Resp: 1465228

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

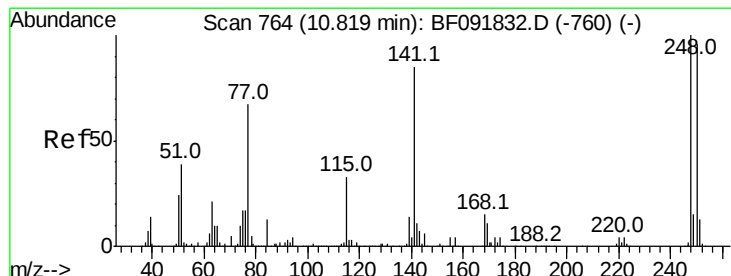
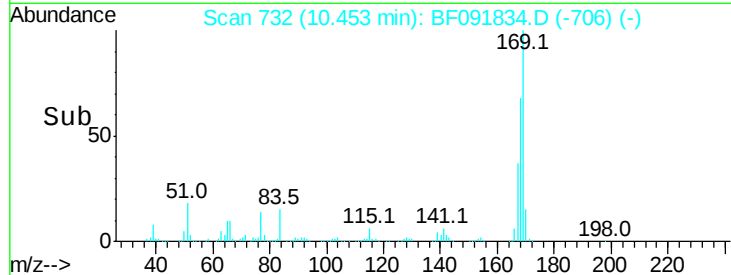
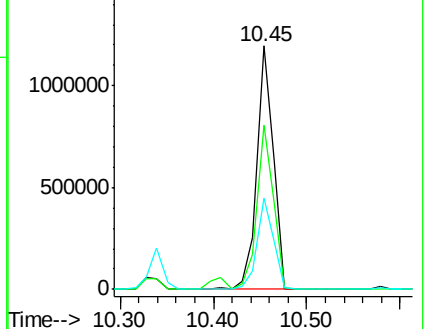
167 37.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.54 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

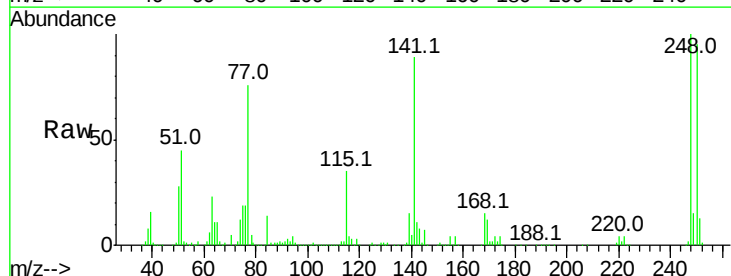
Tgt Ion:248 Resp: 490323

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

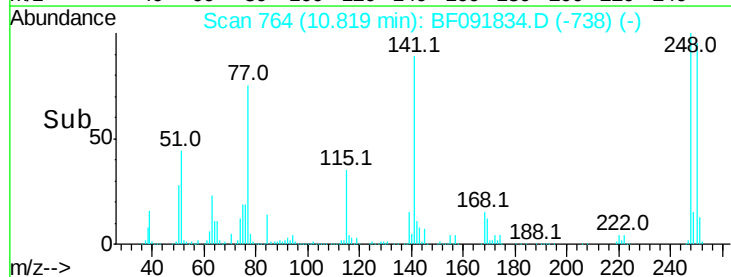
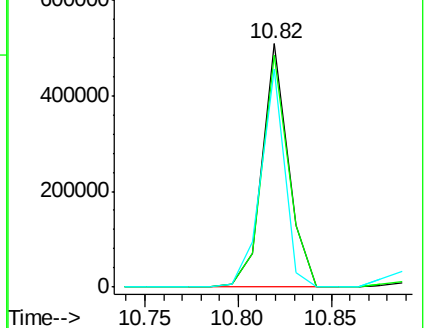
141 89.3 68.2 102.4

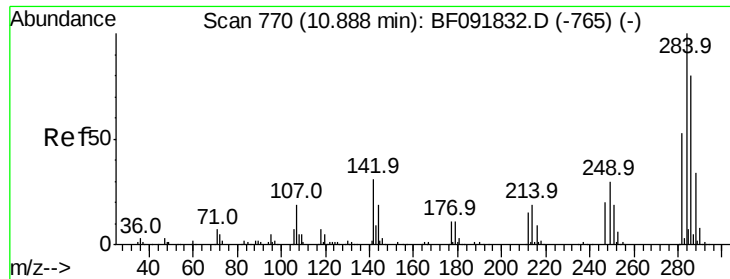


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

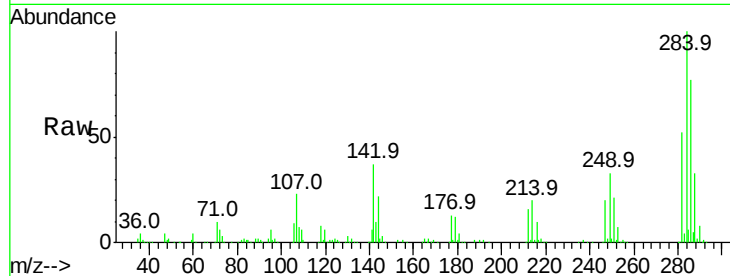
Ion 141.00 (140.70 to 141.70): E



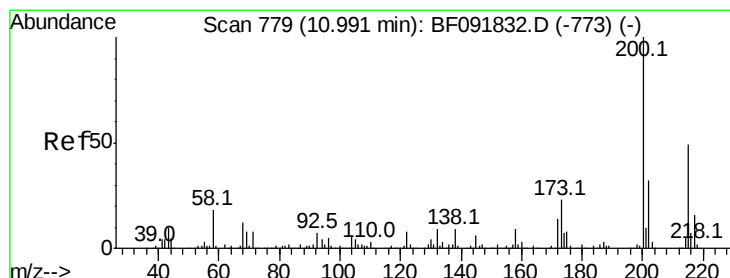
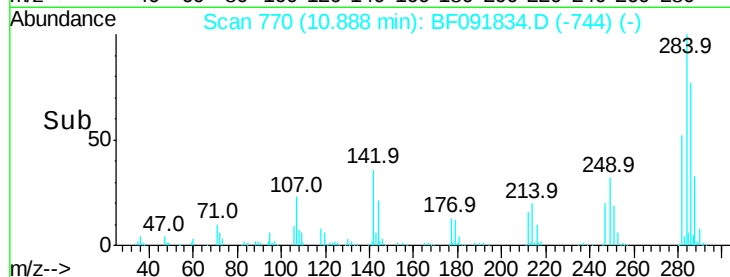
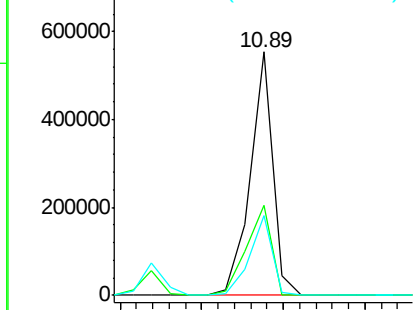


#67
Hexachlorobenzene
Concen: 52.09 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.9	22.6	33.8
249	32.8	25.4	38.0

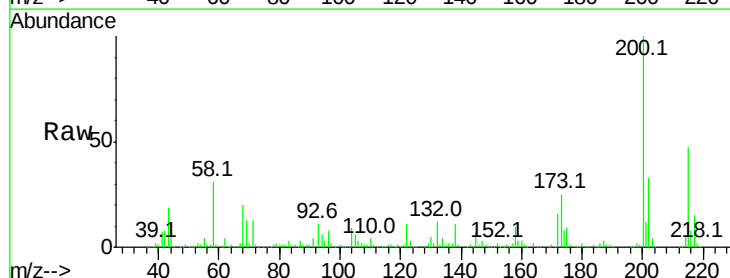


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

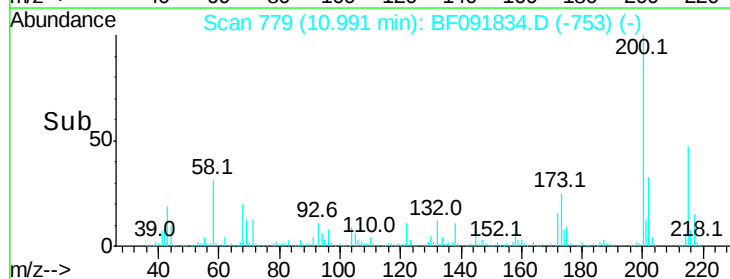
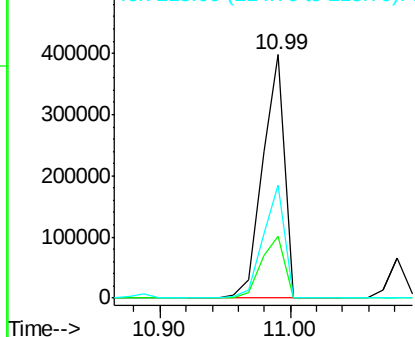


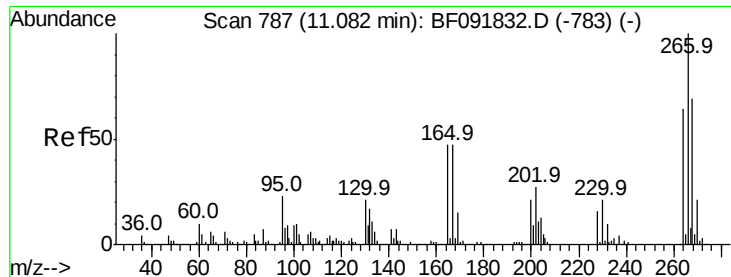
#68
Atrazine
Concen: 53.43 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	9.6	49.6
215	46.7	25.7	65.7



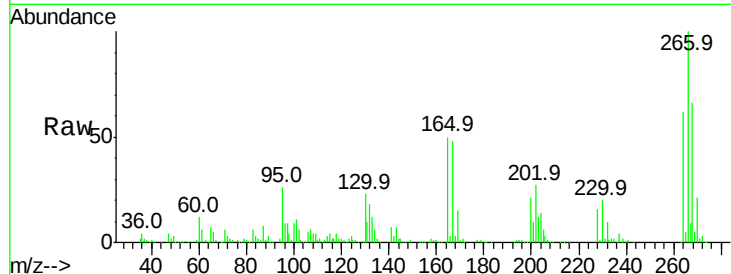
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



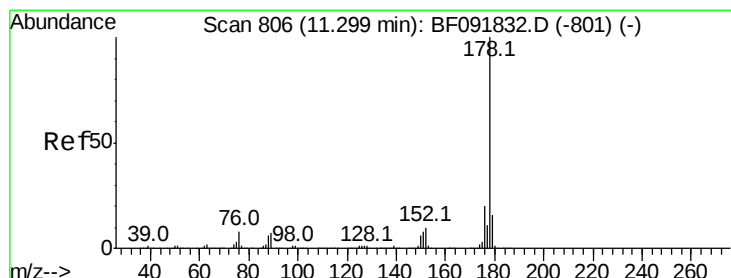
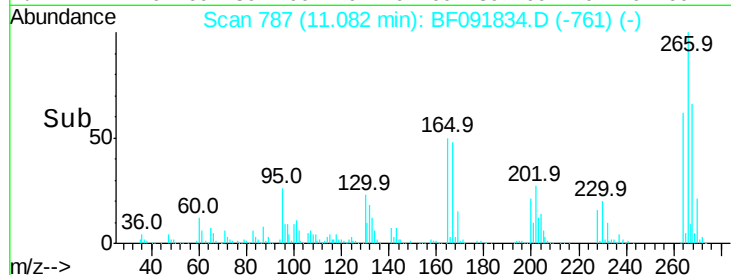
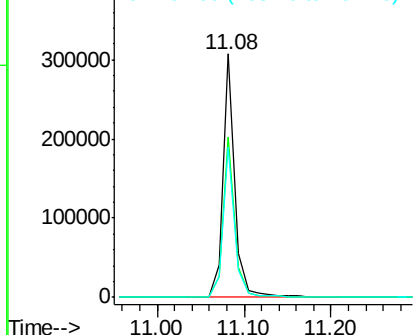


#69
 Pentachlorophenol
 Concen: 53.79 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	53.3	79.9
264	61.6	50.3	75.5

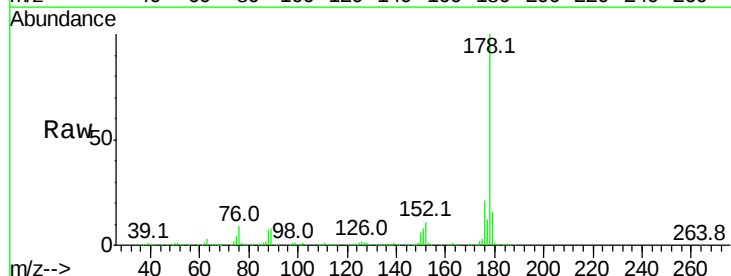


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

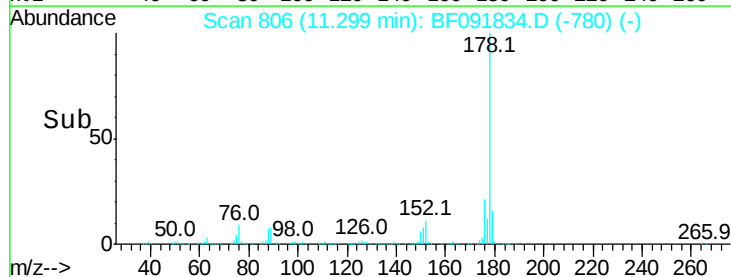
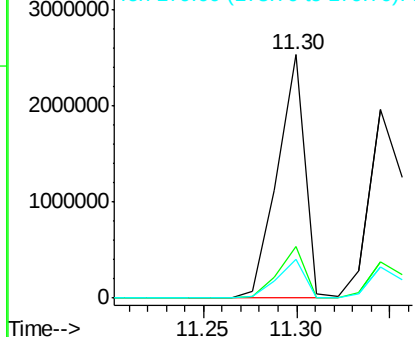


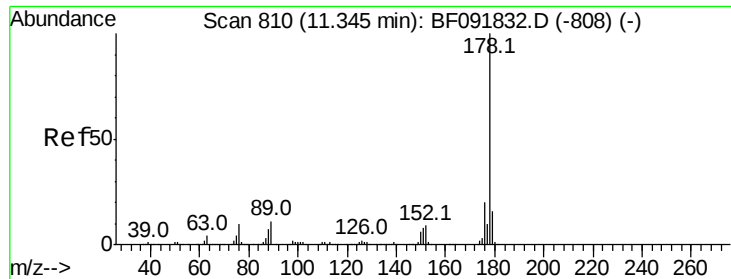
#70
 Phenanthrene
 Concen: 56.39 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	25.0
179	16.2	12.8	19.2



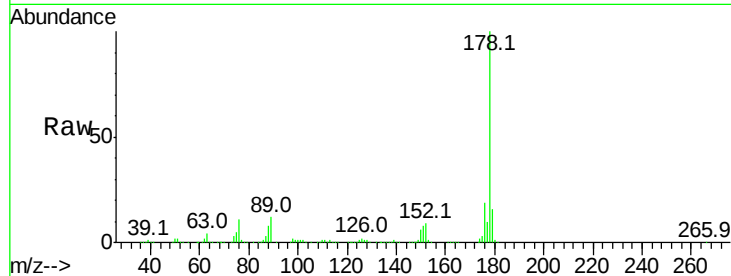
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



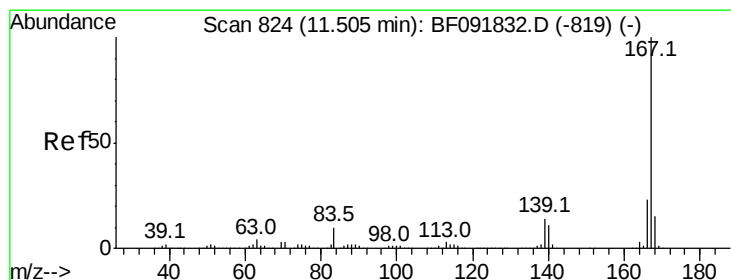
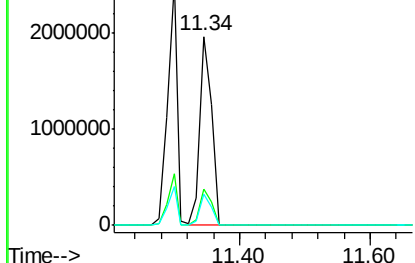
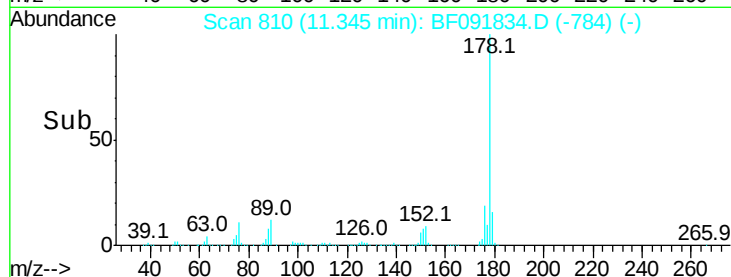


#71
 Anthracene
 Concen: 49.46 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:178 Resp: 2421851
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.4 13.2 19.8

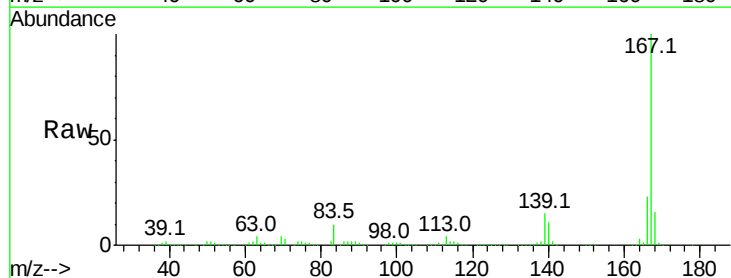


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

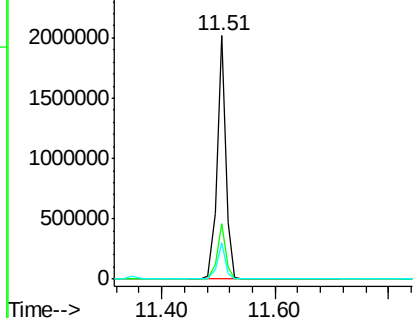
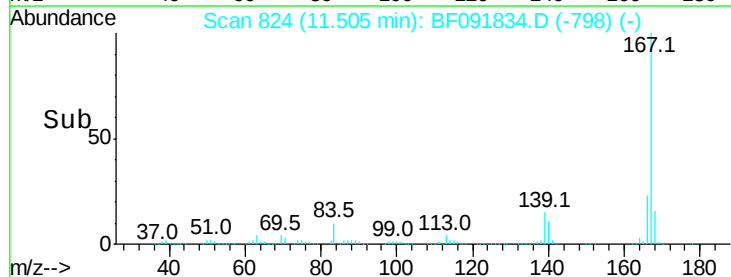


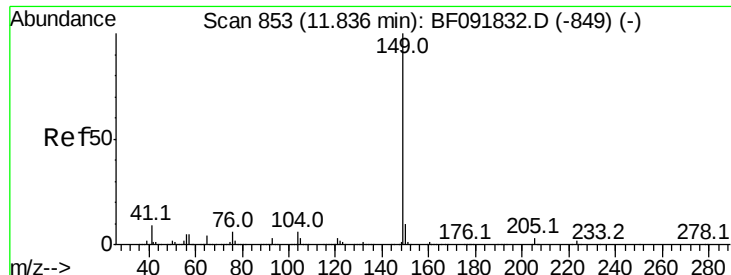
#72
 Carbazole
 Concen: 49.81 ng
 RT: 11.51 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion:167 Resp: 2132685
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 14.8 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: 48.71 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

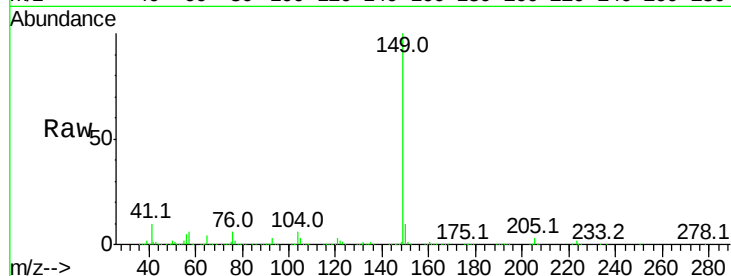
Tot Ion:149 Resp: 2673913

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

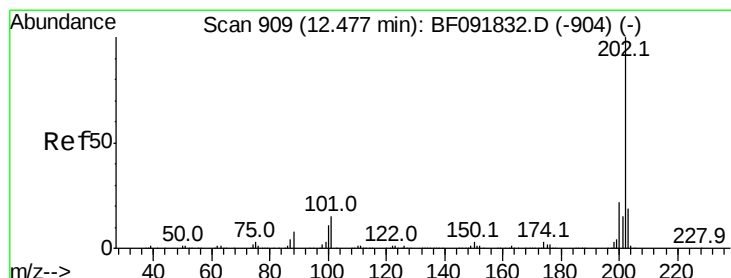
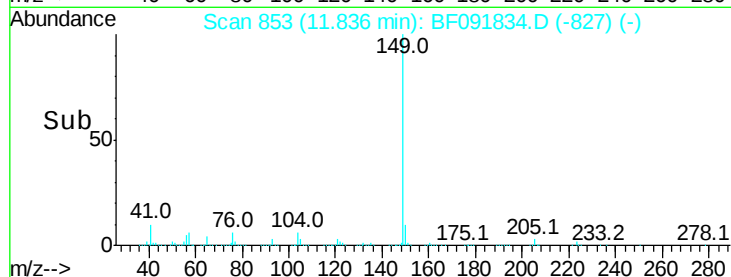
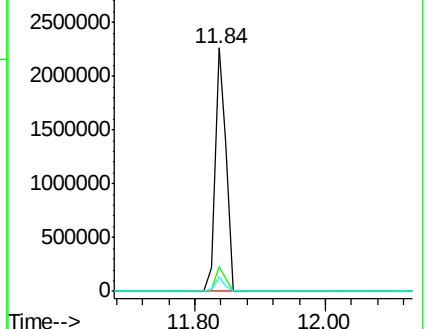
104 5.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.42 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

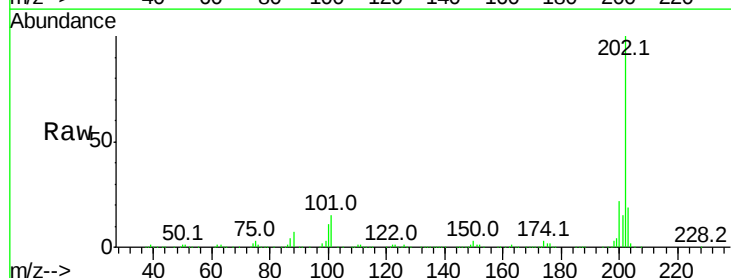
Tgt Ion:202 Resp: 2627227

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.6

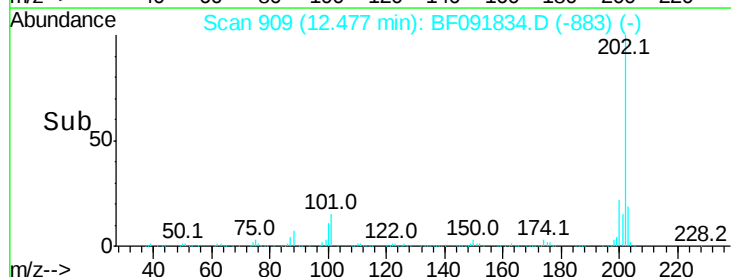
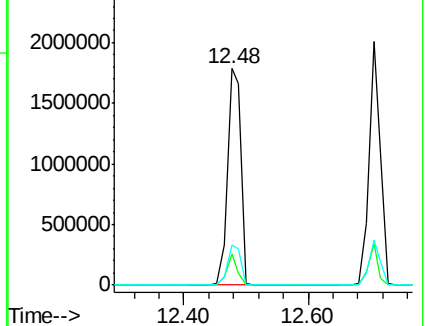
203 18.5 0.0 38.7

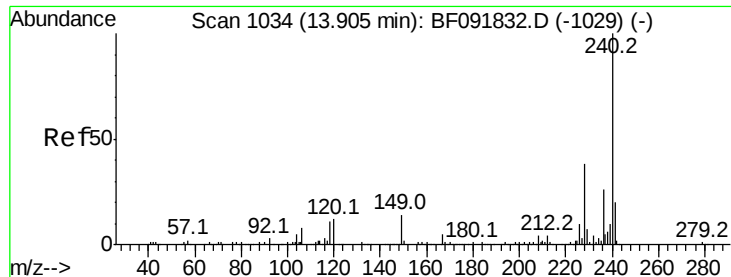


Abundance Ion 202.00 (201.70 to 202.70): E

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

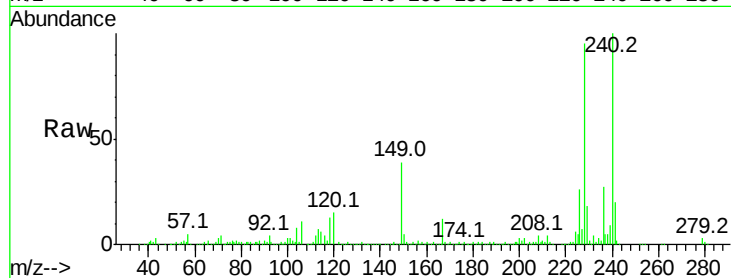
Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tot Ion:240 Resp: 605238

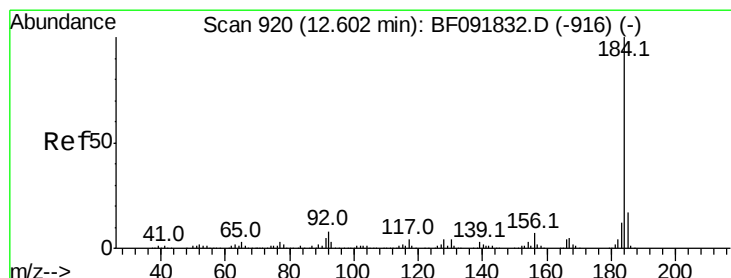
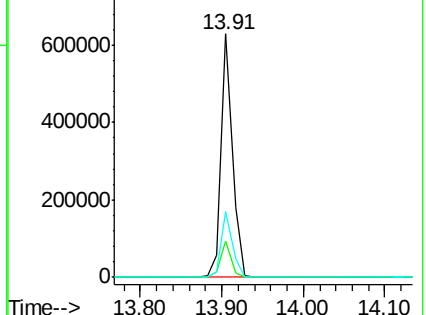
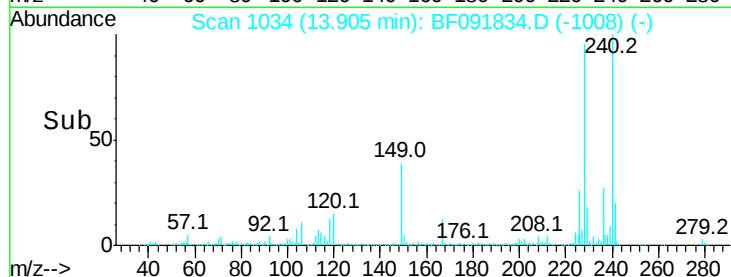
Ion	Ratio	Lower	Upper
240	100		
120	15.1	12.9	19.3
236	26.8	20.9	31.3



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: 45.99 ng

RT: 12.60 min Scan# 920

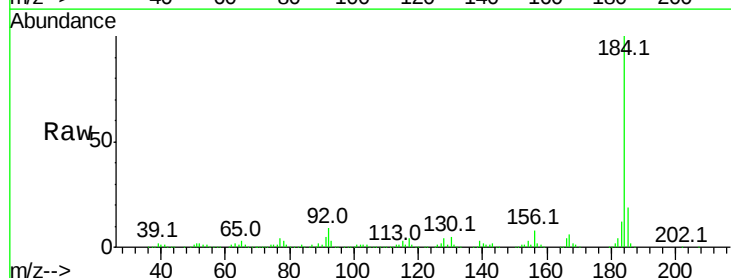
Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

Tgt Ion:184 Resp: 801315

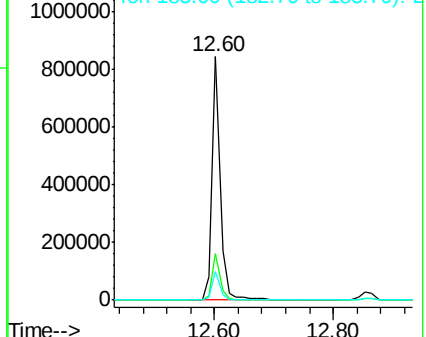
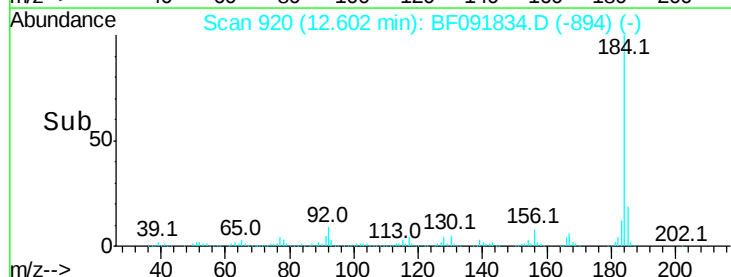
Ion	Ratio	Lower	Upper
184	100		
185	19.1	13.4	20.0
183	11.6	9.2	13.8



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

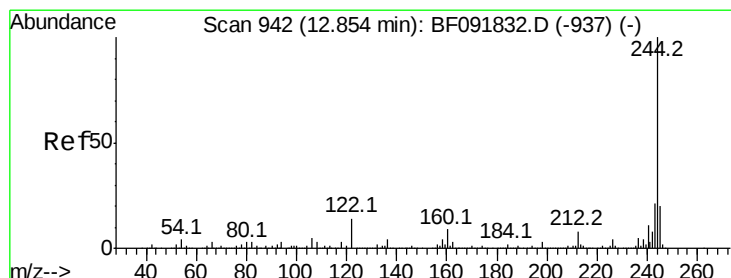
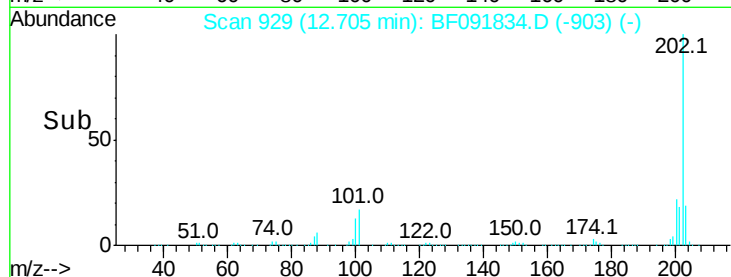
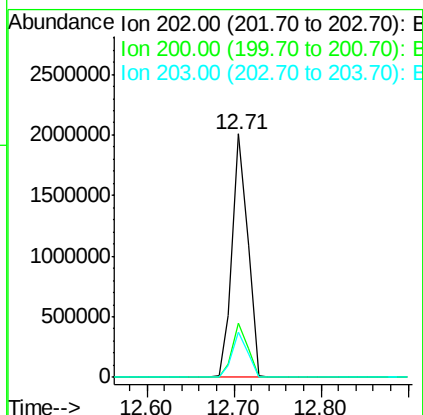
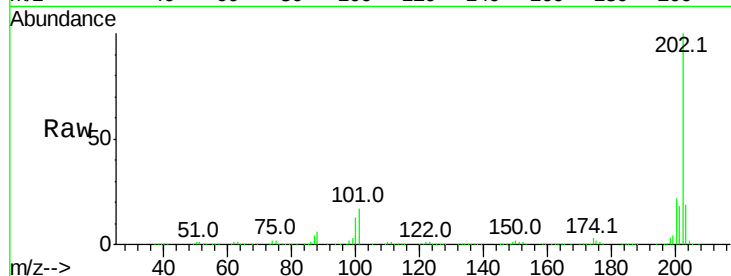




#77
Pvrene
Concen: 57.21 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:202 Resp: 2500417

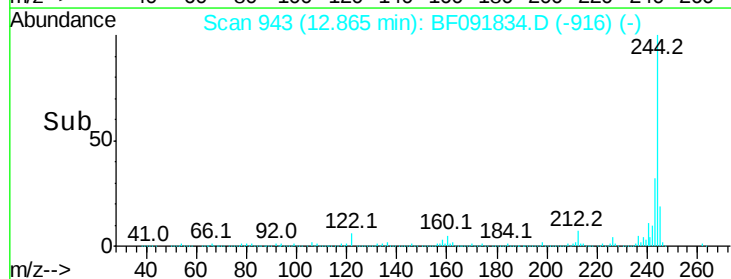
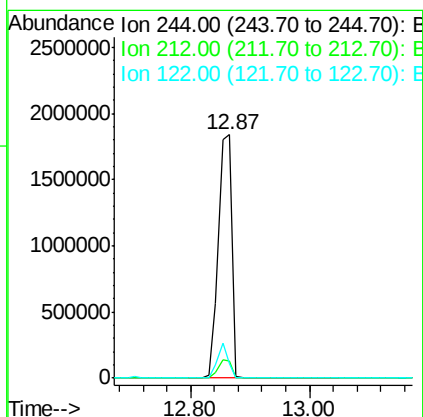
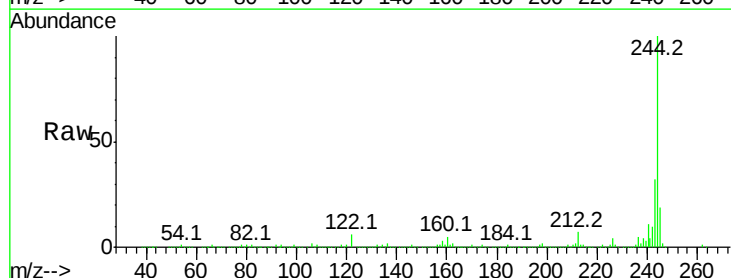
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.7	14.7	22.1

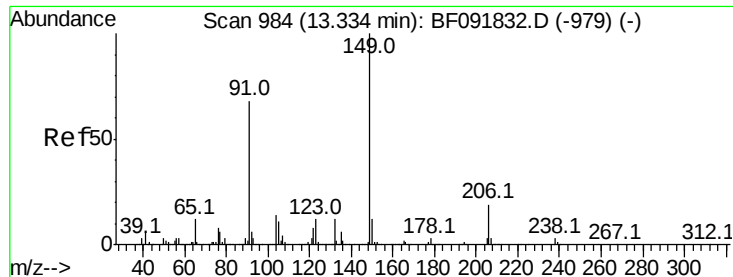


#78
Terphenyl-d14
Concen: 122.08 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:244 Resp: 2926212

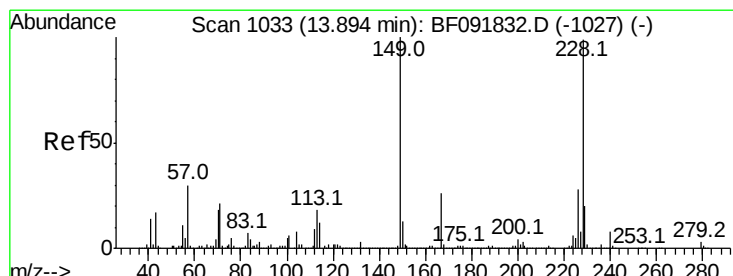
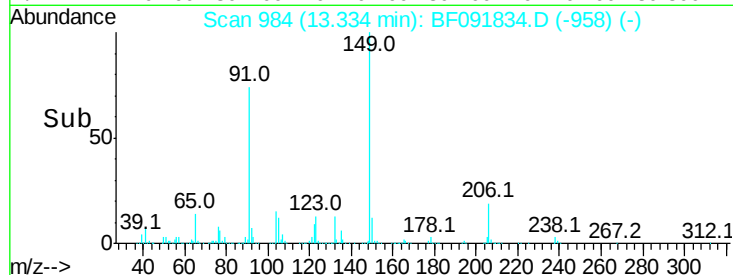
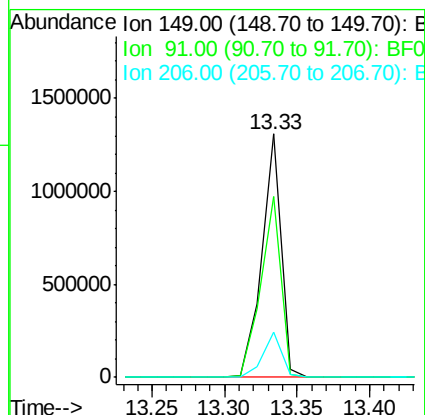
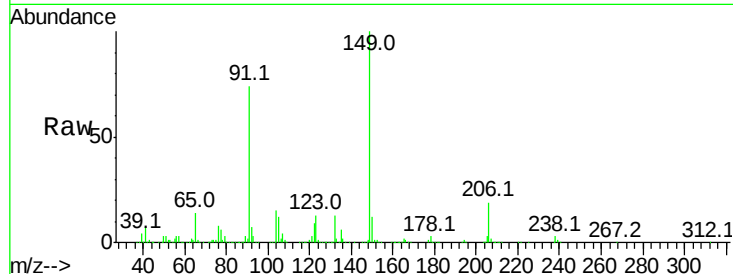
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	6.1	11.4	17.2





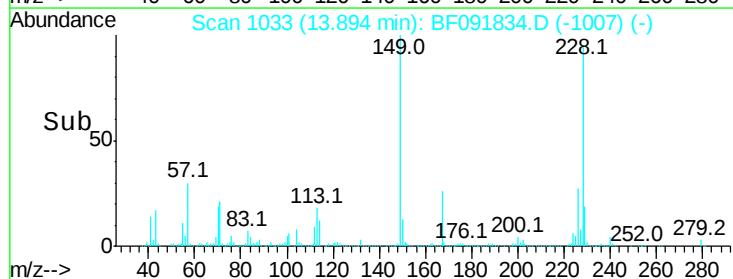
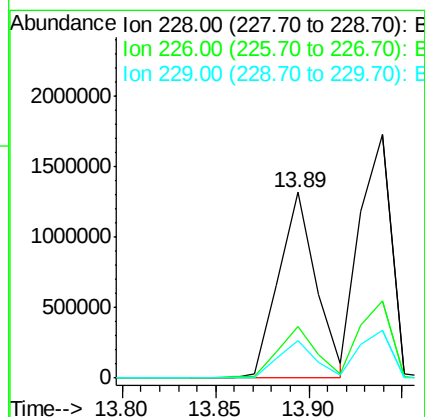
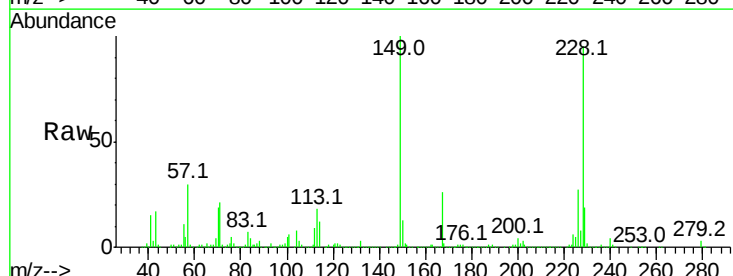
#79
Butylbenzylphthalate
Concen: 59.06 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:149 Resp: 1208146
Ion Ratio Lower Upper
149 100
91 74.1 63.9 95.9
206 18.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 53.64 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

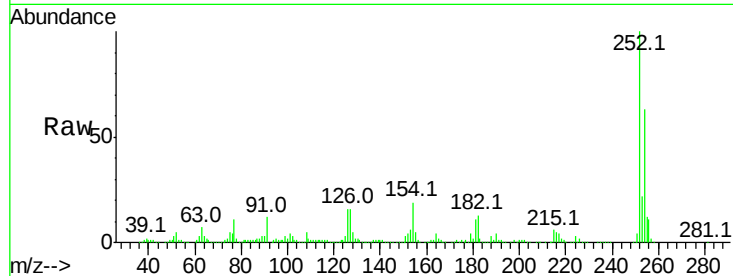
Tgt Ion:228 Resp: 1856999
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.1 16.2 24.4



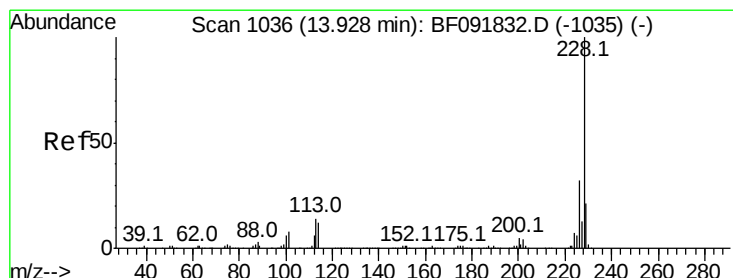
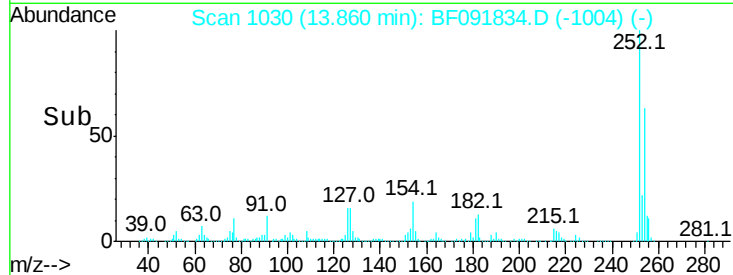
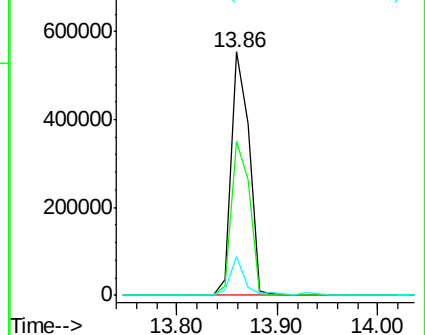


#81
 3,3'-Dichlorobenzidine
 Concen: 49.45 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:	252	Resp:	684980
Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.3	78.5
126	15.9	13.6	20.4

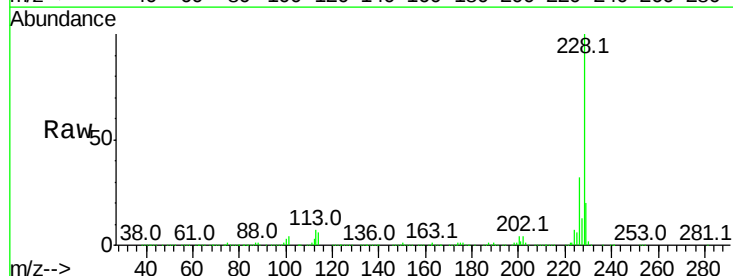


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

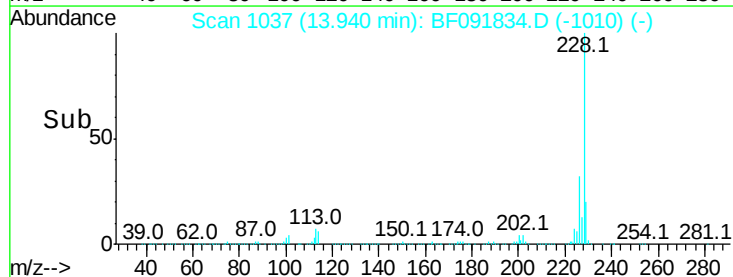
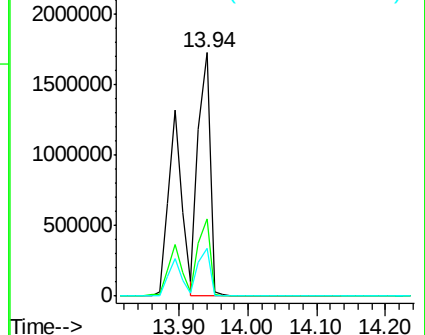


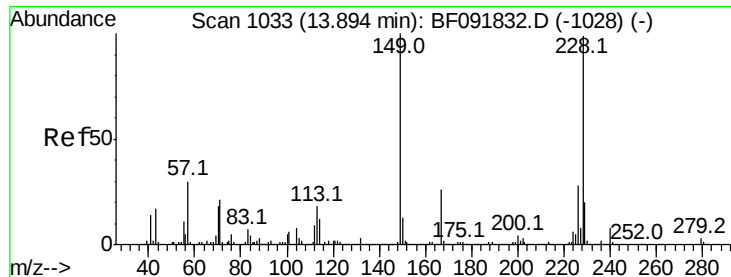
#82
 Chrysene
 Concen: 56.98 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion:	228	Resp:	2044823
Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	19.9	16.2	24.2



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

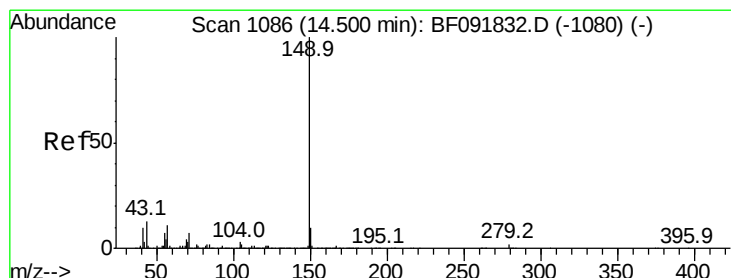
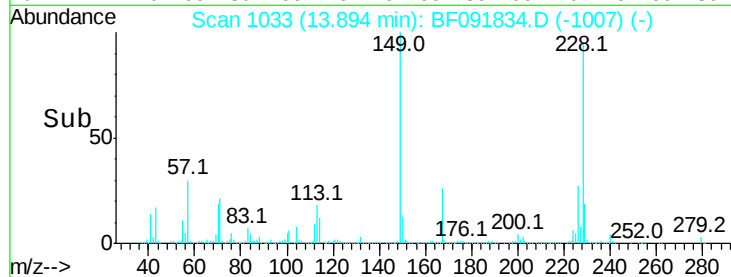
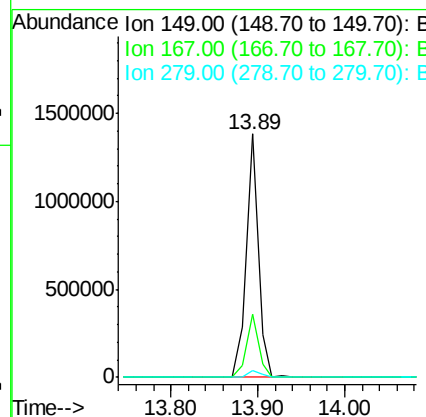
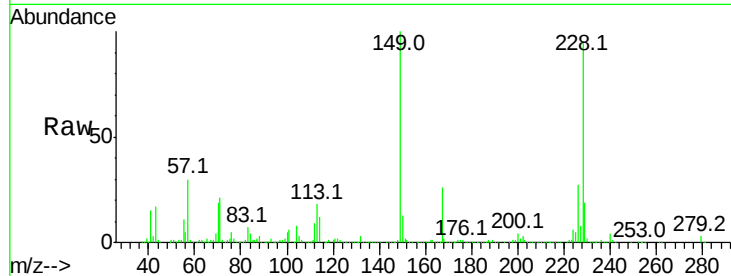




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.28 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:149 Resp: 1330679

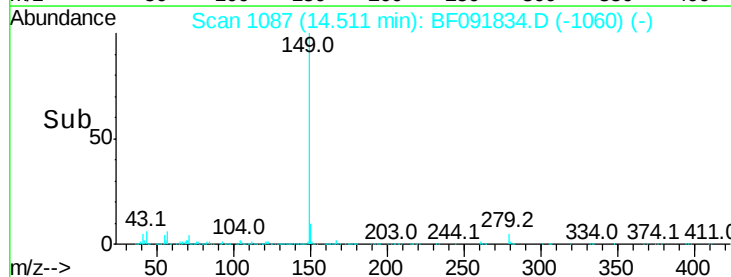
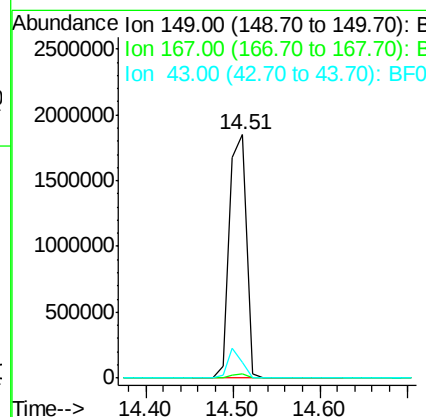
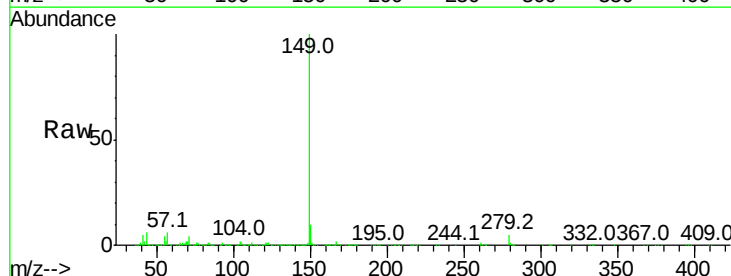
Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.8	1.8	2.8#

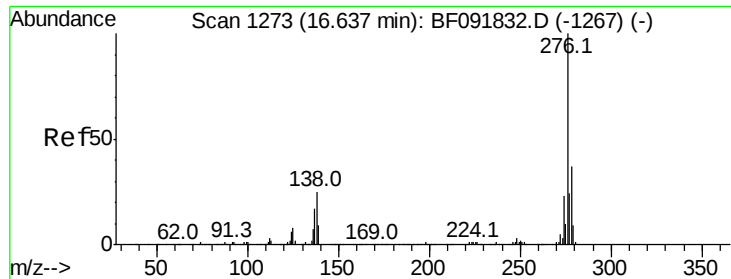


#84
 Di-n-octyl phthalate
 Concen: 52.63 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion:149 Resp: 2516869

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.9	13.3

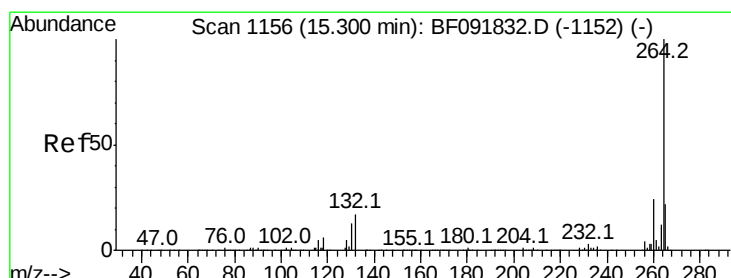
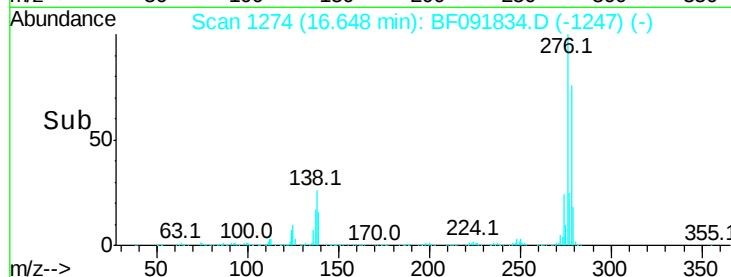
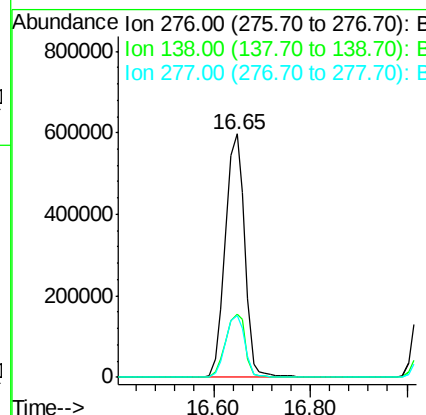
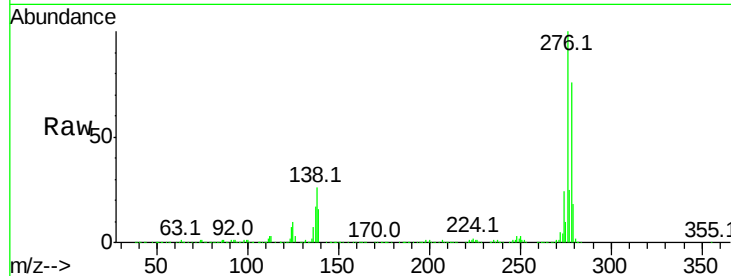




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.80 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tot Ion:276 Resp: 1686436

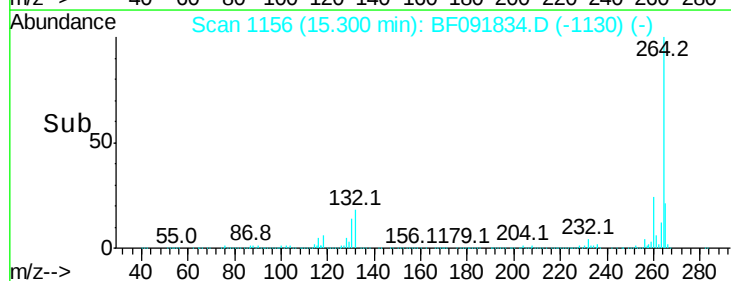
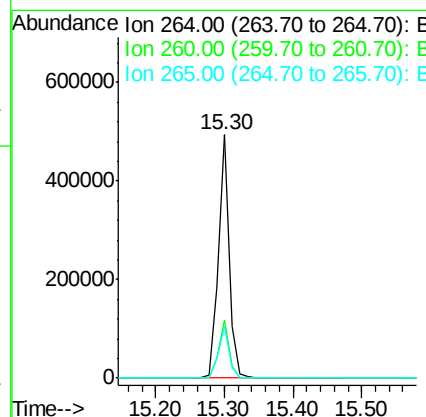
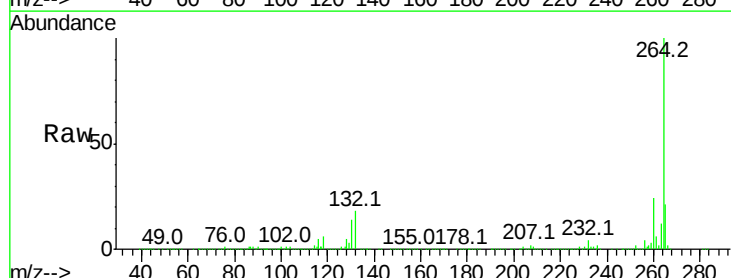
Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.5	20.2	30.4

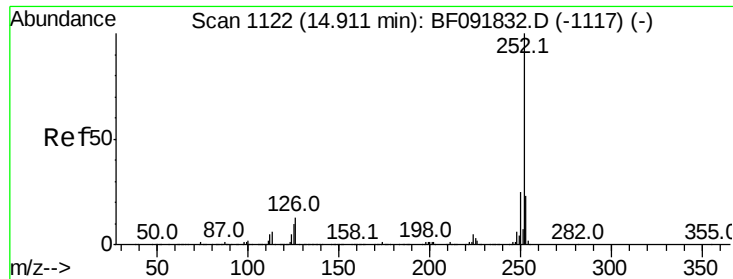


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF091834.D
 Acq: 21 Dec 2016 14:32

Tgt Ion:264 Resp: 554344

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0

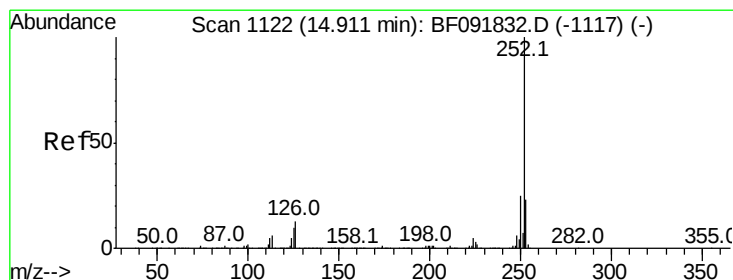
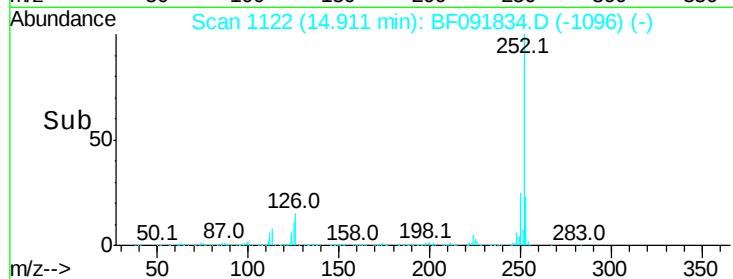
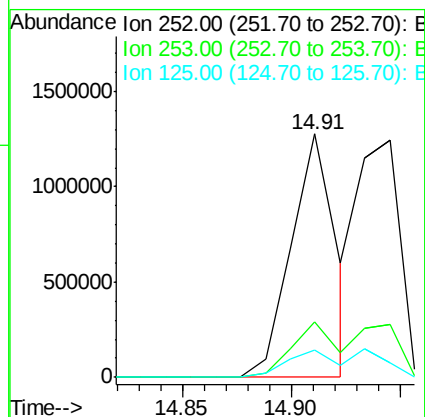
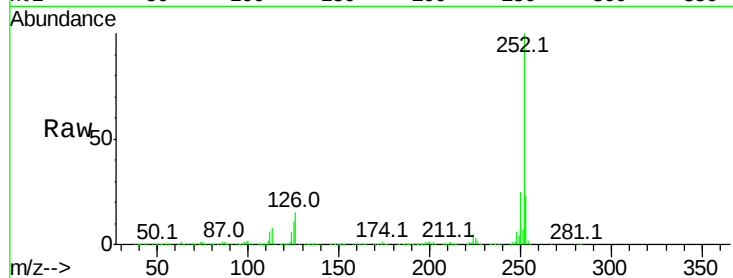




#87
Benzo(b)fluoranthene
Concen: 51.60 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:252 Resp: 1813846

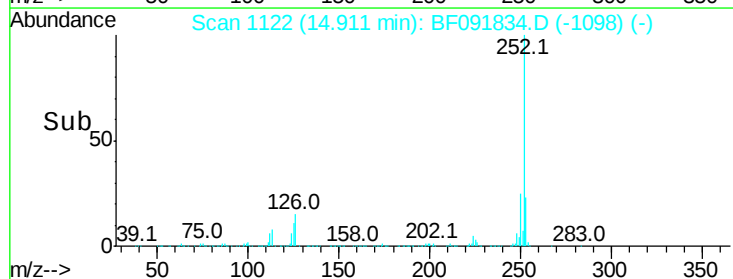
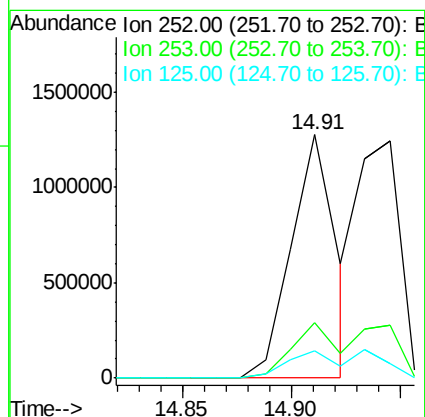
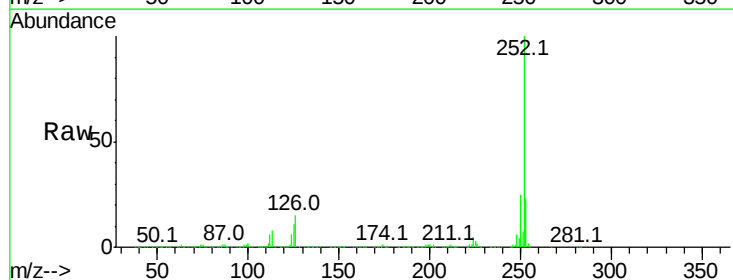
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.1	9.8	14.6

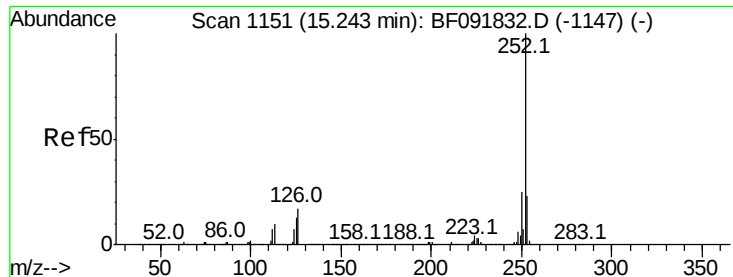


#88
Benzo(k)fluoranthene
Concen: 73.54 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:252 Resp: 1813846

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	11.1	8.9	13.3

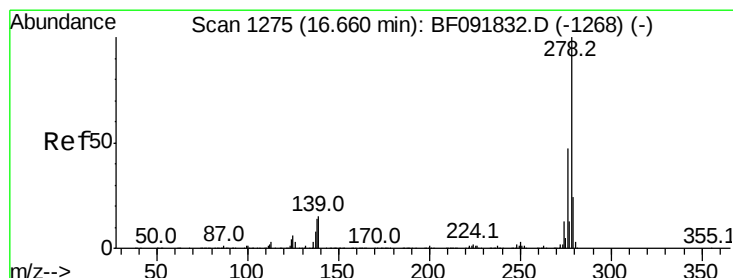
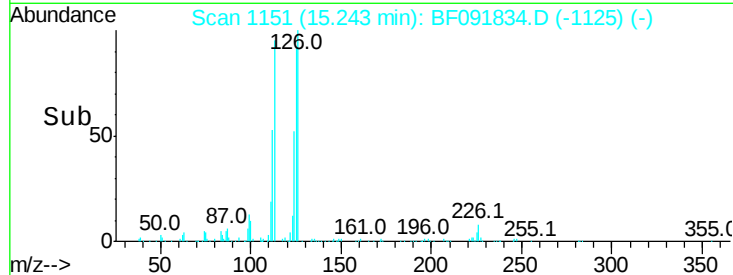
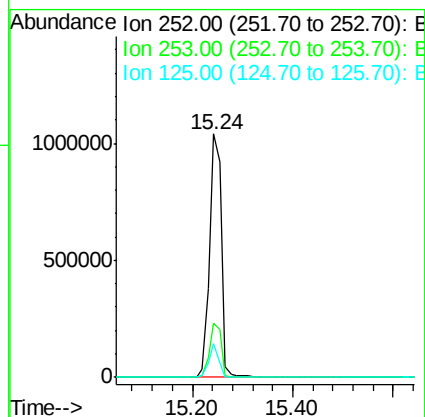
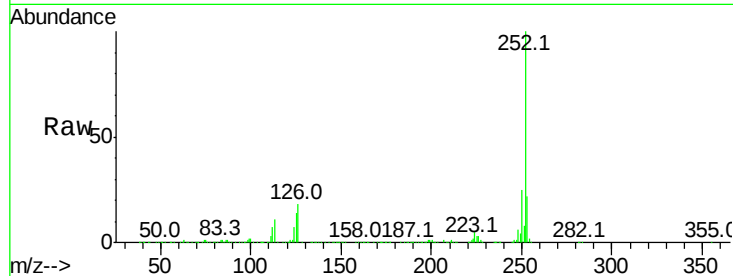




#89
Benzo(a)pyrene
Concen: 55.95 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tot Ion:252 Resp: 1687894

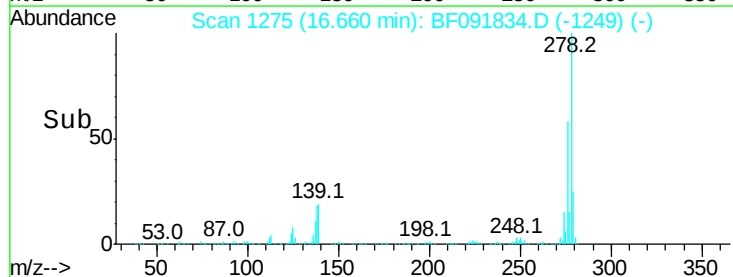
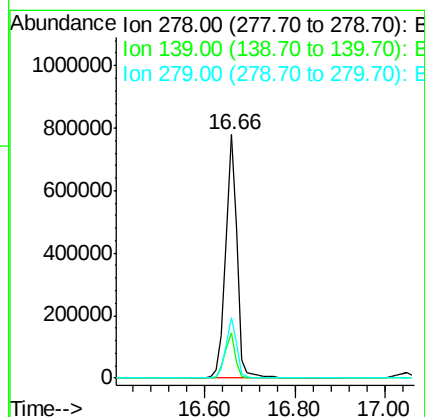
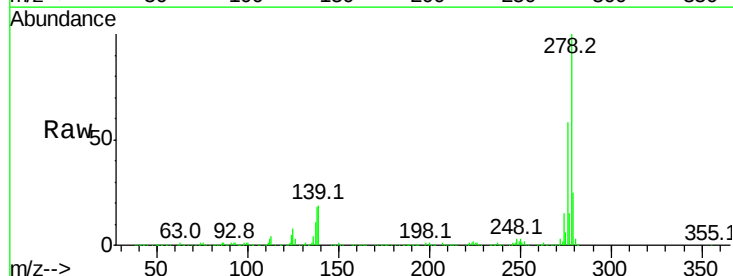
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.6	10.0	15.0

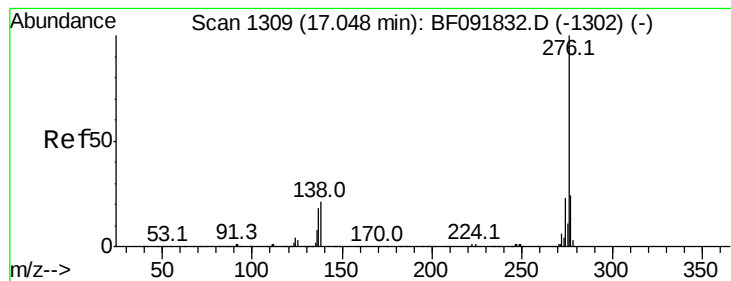


#90
Dibenzo(a,h)anthracene
Concen: 52.69 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF091834.D
Acq: 21 Dec 2016 14:32

Tgt Ion:278 Resp: 1385733

Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	24.6	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 55.64 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF091834.D

Acq: 21 Dec 2016 14:32

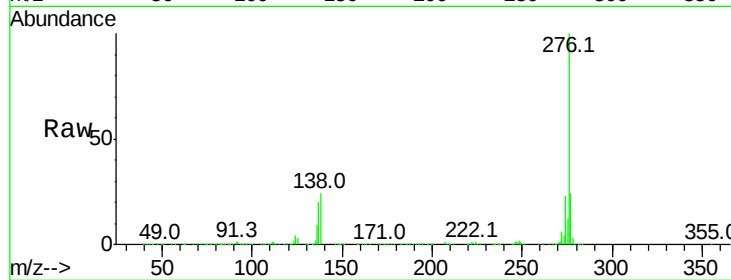
Tot Ion: 276 Resp: 1487001

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 23.9 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

