

Data Path : Z:\HPCHEM1\BNA F\Data\BF122116\
 Data File : BF091875.D
 Acq On : 22 Dec 2016 10:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 22 16:19:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	343849	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1331420	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	755574	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1136701	20.00	ng	0.00
75) Chrysene-d12	13.91	240	839487	20.00	ng	0.00
86) Perylene-d12	15.30	264	726256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1506460	73.15	ng	0.00
7) Phenol-d6	6.41	99	1968419	78.29	ng	0.00
23) Nitrobenzene-d5	7.32	82	1715929	71.66	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	430010	68.77	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2588856	67.56	ng	0.00
78) Terphenyl-d14	12.85	244	2333750	67.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	420848	41.51	ng	97
3) Pyridine	2.98	79	1068228	30.19	ng	96
4) n-Nitrosodimethylamine	2.94	42	449453	33.67	ng	97
6) Aniline	6.42	93	1220232	37.37	ng	93
8) 2-Chlorophenol	6.53	128	879836	37.56	ng	96
9) Benzaldehyde	6.29	77	587074	41.47	ng	96
10) Phenol	6.42	94	1203063	41.99	ng	90
11) bis(2-Chloroethyl)ether	6.49	93	887862	38.95	ng	99
12) 1,3-Dichlorobenzene	6.69	146	941316	37.64	ng	99
13) 1,4-Dichlorobenzene	6.76	146	930981	36.58	ng	100
14) 1,2-Dichlorobenzene	6.92	146	868741	39.34	ng	99
15) Benzyl Alcohol	6.90	79	686011	35.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1229729	36.22	ng	91
17) 2-Methylphenol	7.02	107	683147	36.26	ng	96
18) Hexachloroethane	7.26	117	352585	37.36	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	604692	36.15	ng	99
20) 3+4-Methylphenols	7.18	107	881164	39.22	ng	# 72
22) Acetophenone	7.17	105	1282348	39.05	ng	# 94
24) Nitrobenzene	7.34	77	1027848	40.30	ng	# 83
25) Isophorone	7.58	82	1683678	38.11	ng	98
26) 2-Nitrophenol	7.65	139	466524	37.10	ng	98
27) 2,4-Dimethylphenol	7.71	122	829081	39.75	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	985033	36.77	ng	99
29) 2,4-Dichlorophenol	7.90	162	698019	39.52	ng	93
30) 1,2,4-Trichlorobenzene	7.98	180	754515	38.98	ng	99
31) Naphthalene	8.06	128	2421452	39.74	ng	98
32) Benzoic acid	7.86	122	627571	40.56	ng	96
33) 4-Chloroaniline	8.11	127	1028938	37.45	ng	98
34) Hexachlorobutadiene	8.18	225	390592	38.23	ng	100
35) Caprolactam	8.50	113	212756	36.66	ng	# 60
36) 4-Chloro-3-methylphenol	8.61	107	804617	39.59	ng	87
37) 2-Methylnaphthalene	8.75	142	1546635	40.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	667969	34.99	ng	99
40) Hexachlorocyclopentadiene	8.90	237	231726	29.88	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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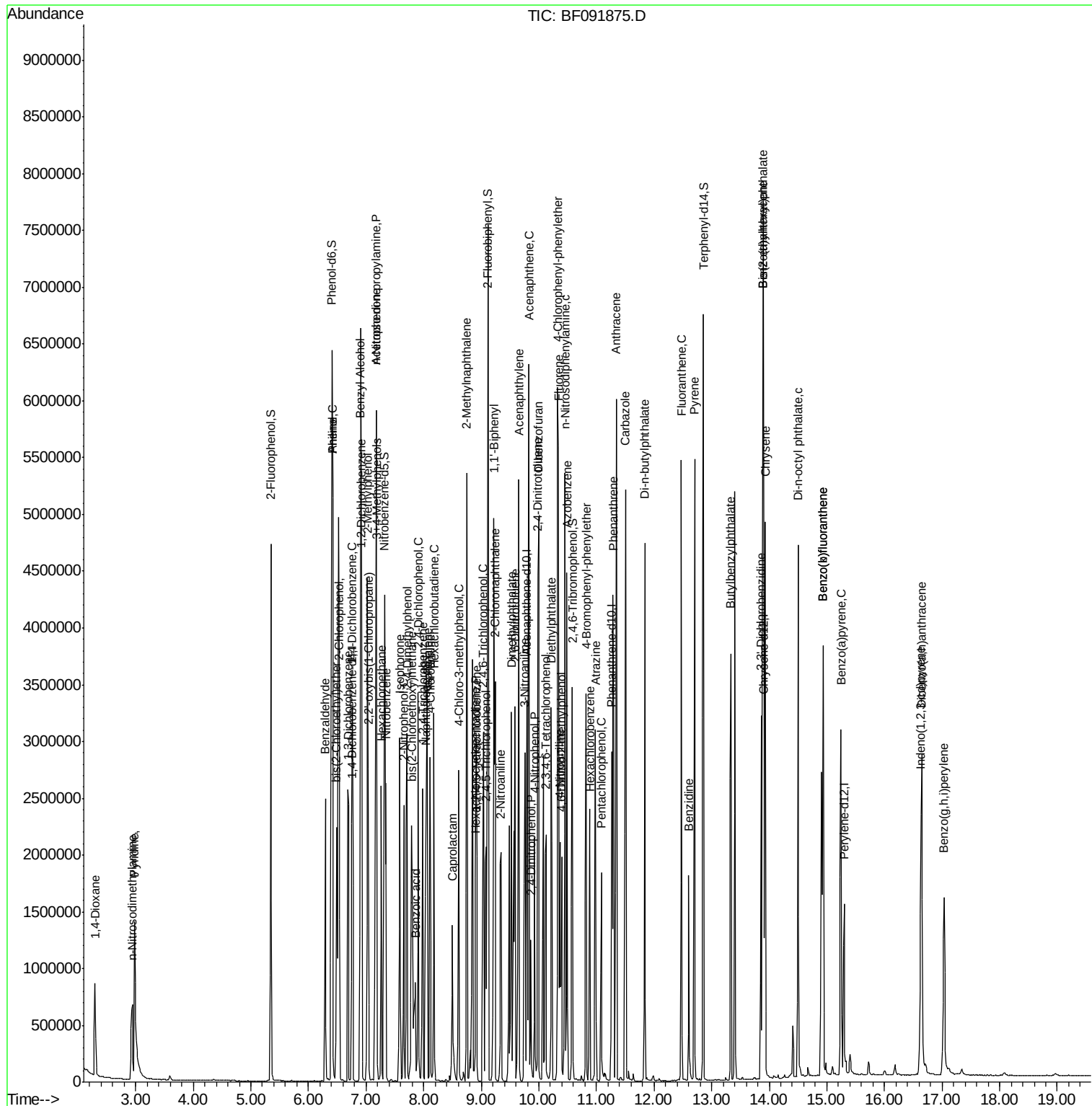
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

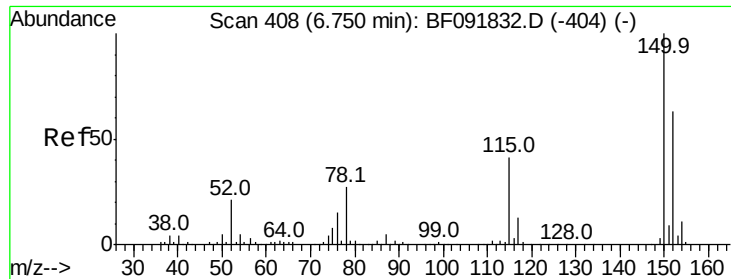
42) 2,4,6-Trichlorophenol	9.04	196	508529	38.09	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	463333	33.72	nq	# 85
45) 1,1'-Biphenyl	9.22	154	1958651	37.86	nq	99
46) 2-Chloronaphthalene	9.24	162	1492380	36.43	nq	99
47) 2-Nitroaniline	9.33	65	532428	36.50	nq	97
48) Acenaphthylene	9.65	152	2455298	38.97	nq	100
49) Dimethylphthalate	9.53	163	1849426	38.27	nq	99
50) 2,6-Dinitrotoluene	9.58	165	427150	40.38	nq	# 87
51) Acenaphthene	9.82	154	1548610	36.25	nq	99
52) 3-Nitroaniline	9.76	138	591719	45.20	nq	86
53) 2,4-Dinitrophenol	9.86	184	199718	33.93	nq	# 88
54) Dibenzofuran	10.00	168	2068533	35.86	nq	97
55) 4-Nitrophenol	9.93	139	341432	38.42	nq	90
56) 2,4-Dinitrotoluene	9.98	165	482234	36.32	nq	92
57) Fluorene	10.34	166	1634253	38.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	417053	38.38	nq	97
59) Diethylphthalate	10.21	149	1702573	36.28	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	635456	34.58	nq	96
61) 4-Nitroaniline	10.36	138	513879	37.88	nq	95
62) Azobenzene	10.49	77	1897047	36.71	nq	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	296892	43.19	nq	82
65) n-Nitrosodiphenylamine	10.45	169	1434158	42.52	nq	100
66) 4-Bromophenyl-phenylether	10.82	248	467660	39.55	nq	91
67) Hexachlorobenzene	10.89	284	496407	39.28	nq	# 87
68) Atrazine	10.98	200	354188	32.55	nq	99
69) Pentachlorophenol	11.08	266	261013	42.09	nq	99
70) Phenanthrene	11.29	178	2303251	37.37	nq	99
71) Anthracene	11.34	178	2251376	39.53	nq	99
72) Carbazole	11.50	167	2223870	42.93	nq	100
73) Di-n-butylphthalate	11.84	149	2350147	39.76	nq	99
74) Fluoranthene	12.48	202	2194440	40.17	nq	100
76) Benzidine	12.60	184	710741	30.72	nq	100
77) Pyrene	12.71	202	2313696	37.56	nq	100
79) Butylbenzylphthalate	13.33	149	1156273	41.28	nq	# 83
80) Benzo(a)anthracene	13.89	228	1655615	34.94	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	643427	35.81	nq	# 98
82) Chrysene	13.93	228	1662398	34.97	nq	100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1225535	37.15	nq	# 97
84) Di-n-octyl phthalate	14.50	149	2355156	38.54	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1573086	38.20	nq	96
87) Benzo(b)fluoranthene	14.93	252	3224043	71.30	nq	100
88) Benzo(k)fluoranthene	14.93	252	3224043	83.62	nq	99
89) Benzo(a)pyrene	15.24	252	1506628	37.54	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	1327389	40.24	nq	97
91) Benzo(g,h,i)perylene	17.04	276	1352280	39.43	nq	# 93

(#) = 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

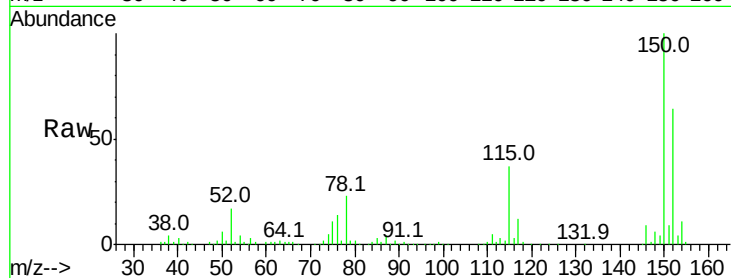
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion:152 Resp: 343849

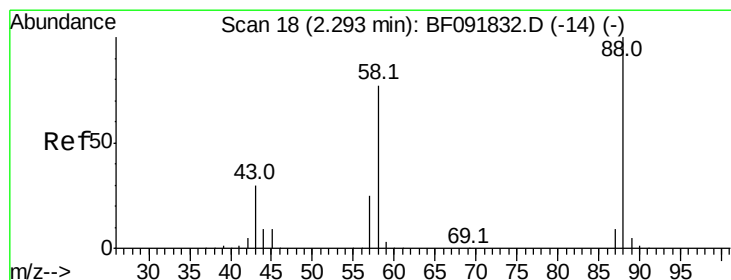
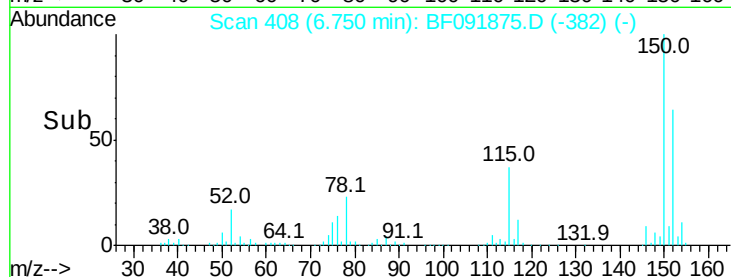
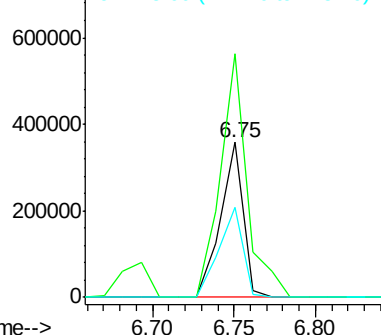
Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.9	187.3
115	58.2	46.0	69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.51 ng

RT: 2.29 min Scan# 18

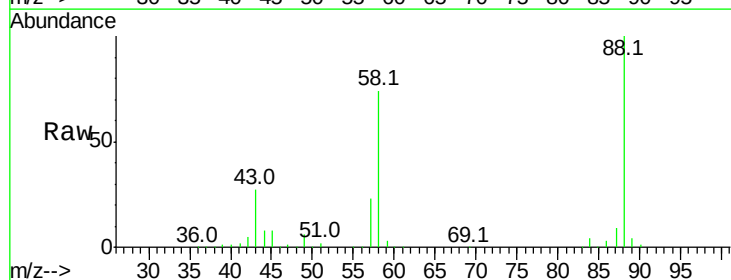
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion: 88 Resp: 420848

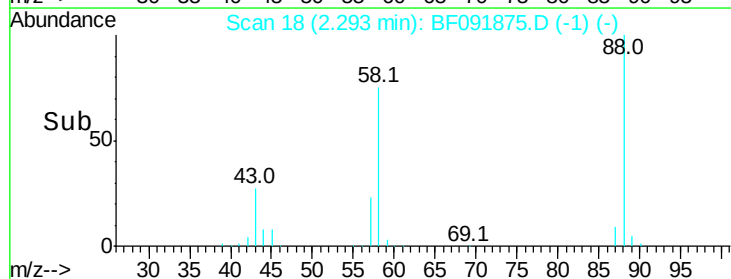
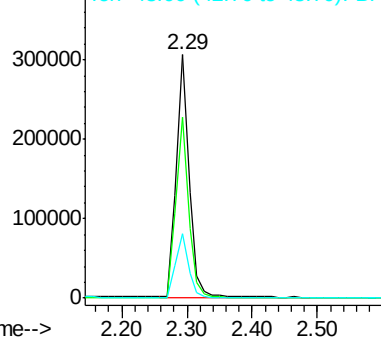
Ion	Ratio	Lower	Upper
88	100		
58	74.3	57.8	86.8
43	26.1	22.3	33.5

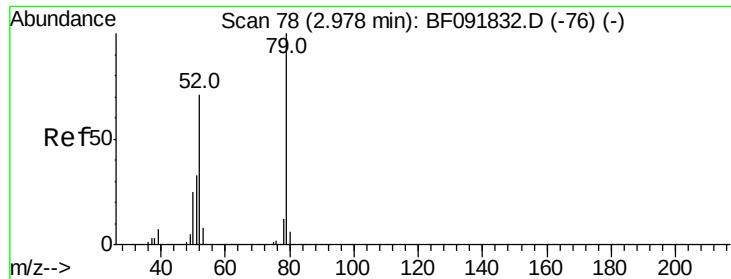


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.19 ng

RT: 2.98 min Scan# 78

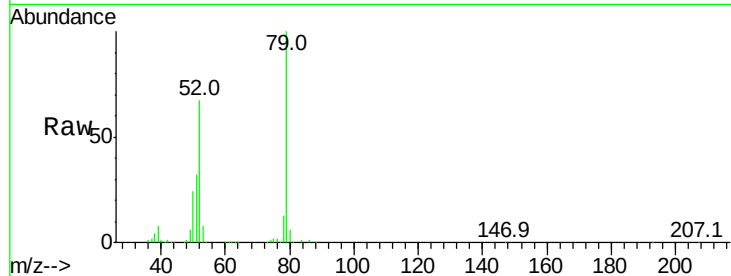
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion: 79 Resp: 1068228

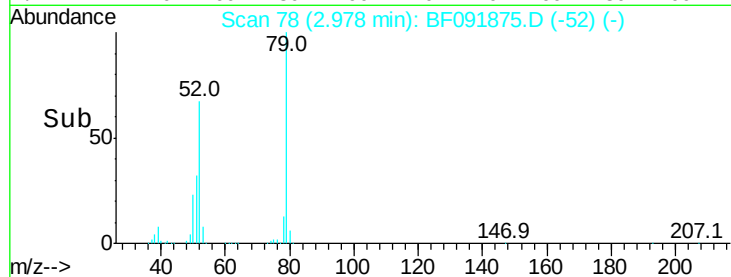
Ion	Ratio	Lower	Upper
79	100		
52	67.2	57.1	85.7
51	32.4	27.3	40.9



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: 33.67 ng

RT: 2.94 min Scan# 75

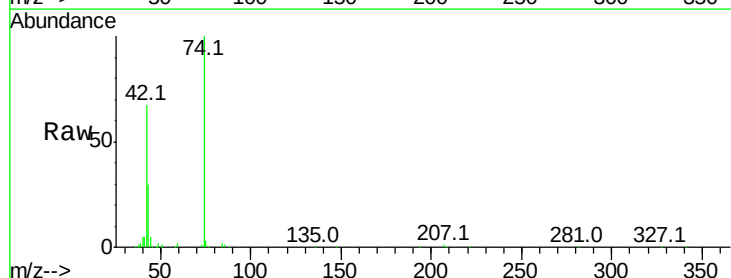
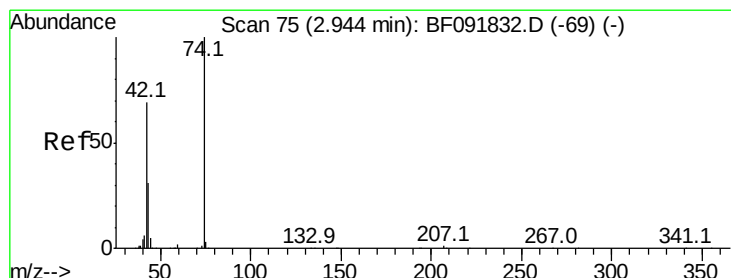
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion: 42 Resp: 449453

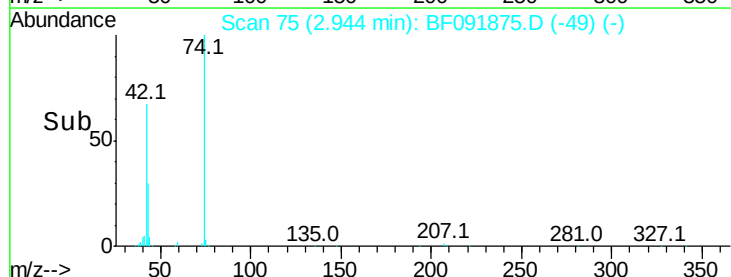
Ion	Ratio	Lower	Upper
42	100		
74	150.1	117.0	175.4
44	6.9	5.5	8.3



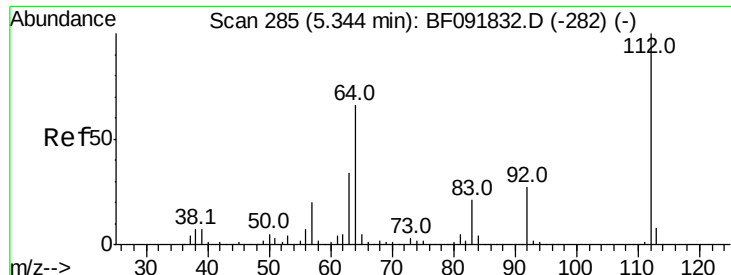
Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time-->



#5

2-Fluorophenol

Concen: 73.15 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

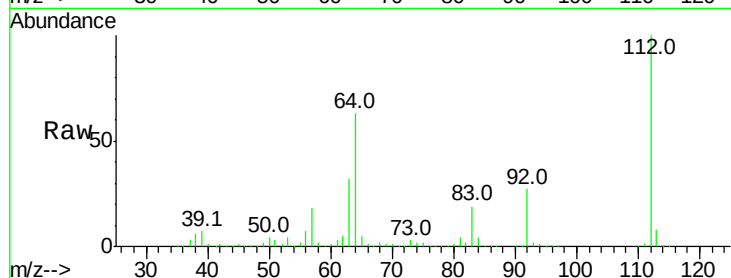
Tot Ion:112 Resp: 1506460

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

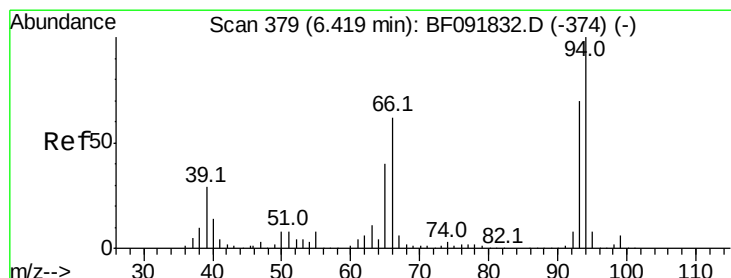
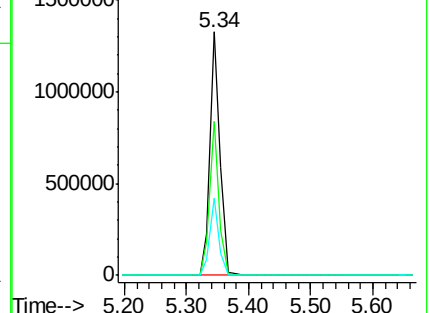
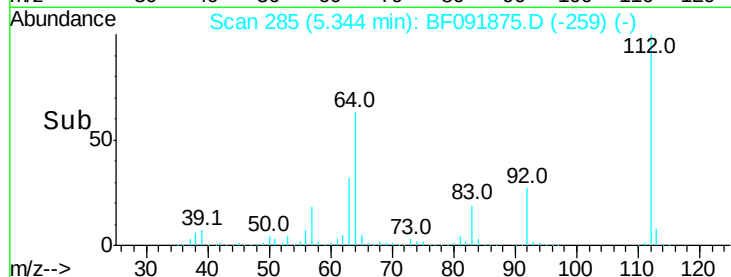
63 31.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.37 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

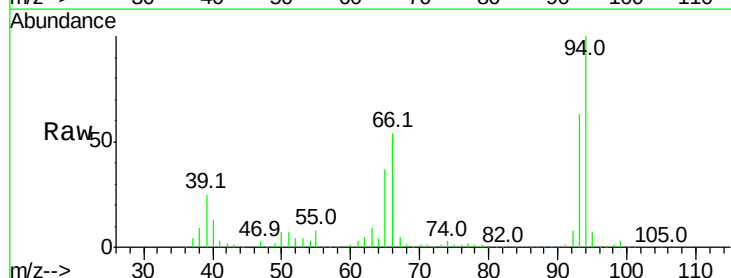
Tgt Ion: 93 Resp: 1220232

Ion Ratio Lower Upper

93 100

66 86.6 76.2 114.2

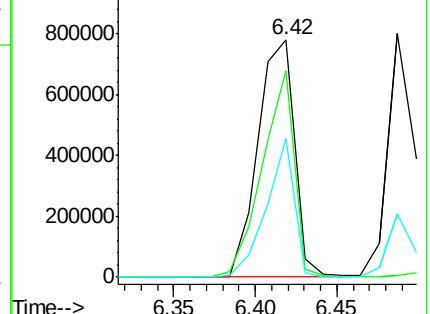
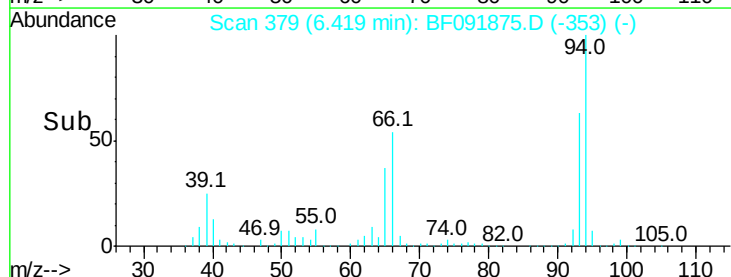
65 58.5 49.3 73.9

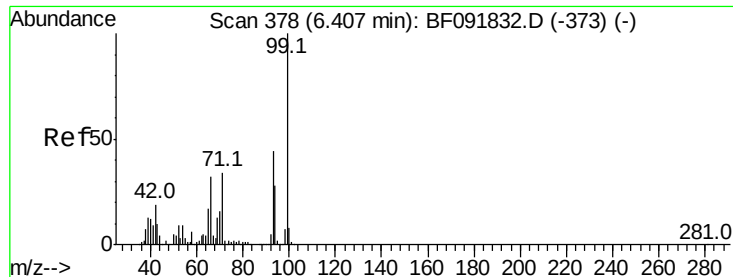


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.29 ng

RT: 6.41 min Scan# 378

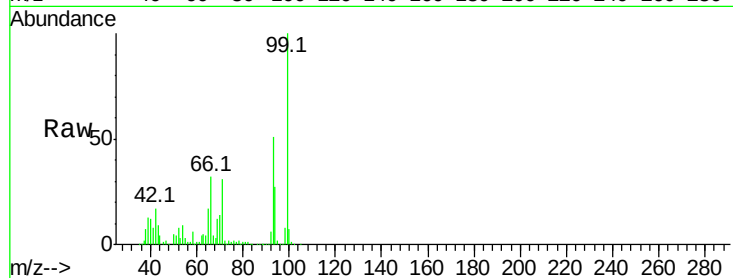
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion: 99 Resp: 1968419

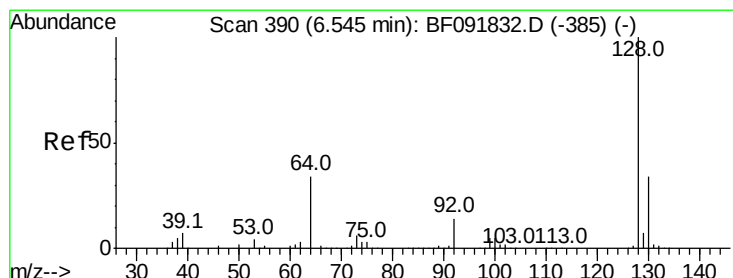
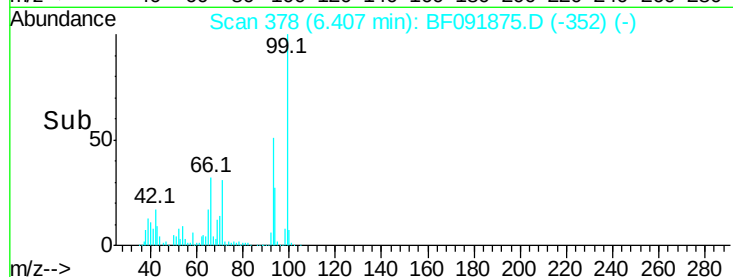
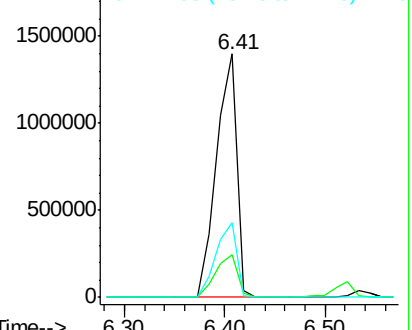
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.6	23.4
71	30.9	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.56 ng

RT: 6.53 min Scan# 389

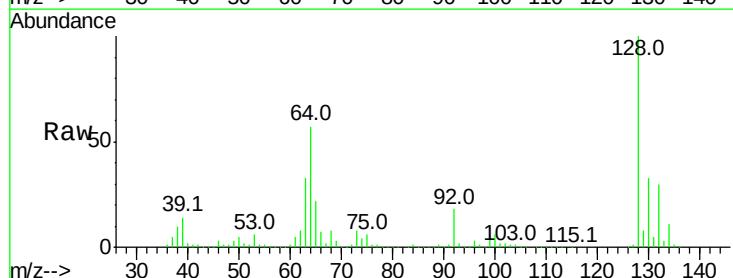
Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion: 128 Resp: 879836

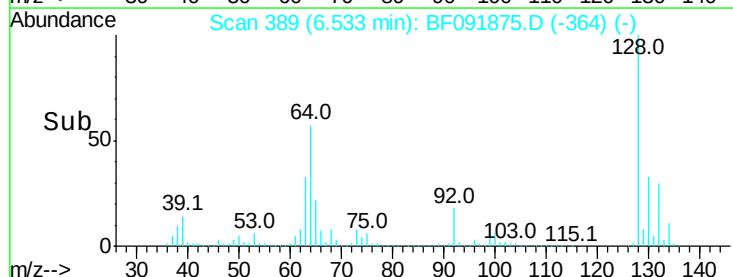
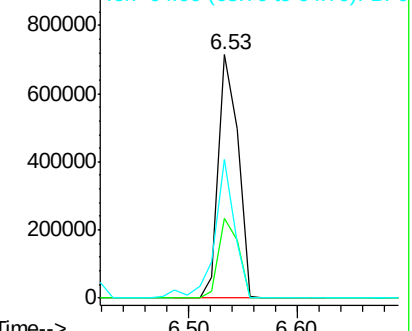
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	56.8	32.2	72.2

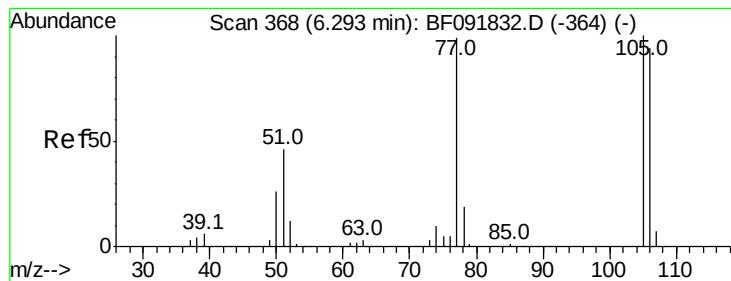


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.47 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

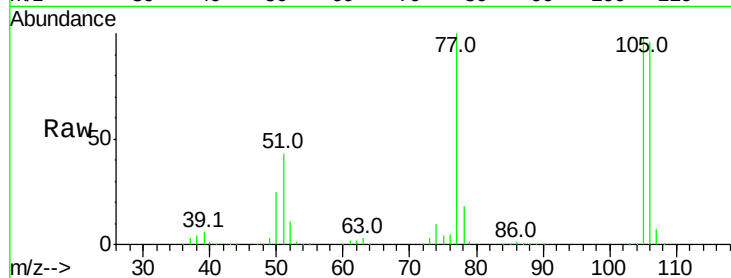
Tot Ion: 77 Resp: 587074

Ion Ratio Lower Upper

77 100

105 98.3 83.9 123.9

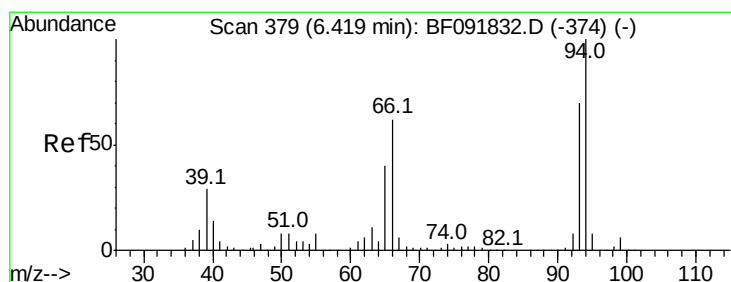
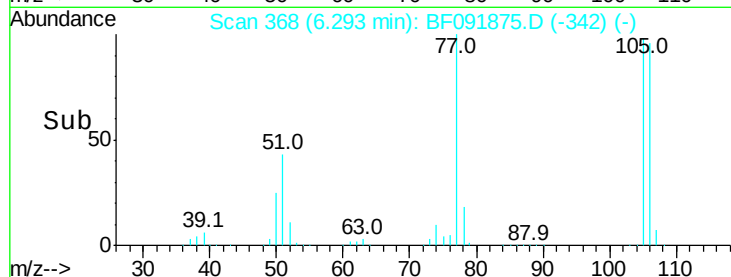
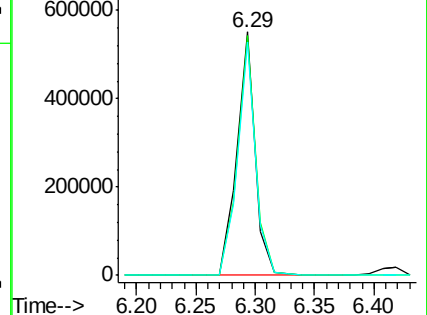
106 95.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.99 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

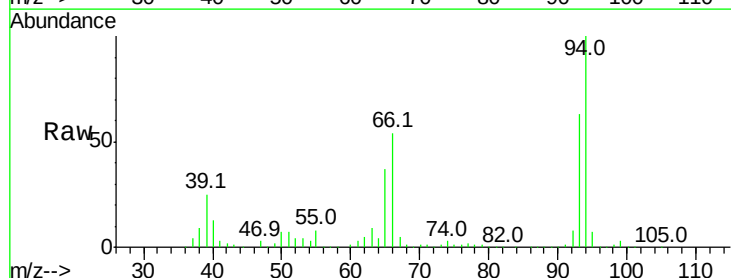
Tgt Ion: 94 Resp: 1203063

Ion Ratio Lower Upper

94 100

65 36.8 21.4 61.4

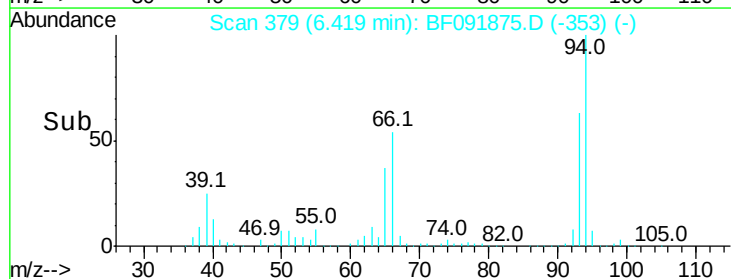
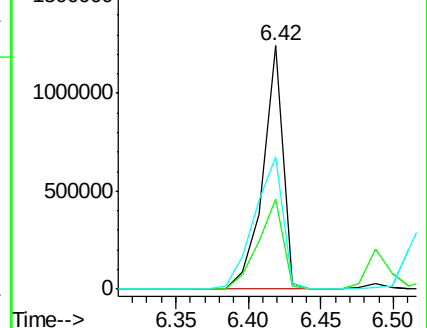
66 54.5 44.0 84.0

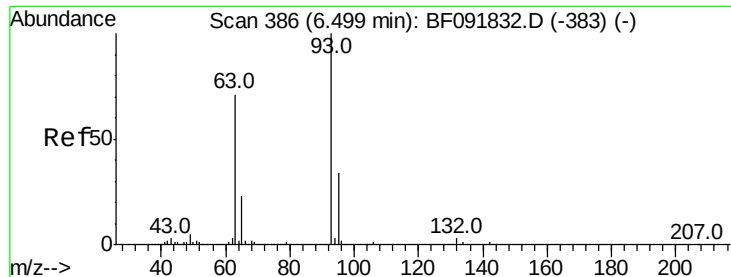


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.95 ng

RT: 6.49 min Scan# 385

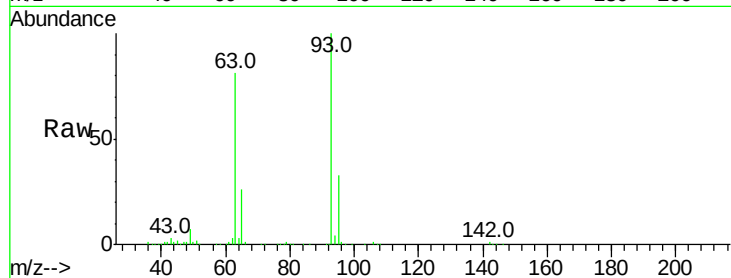
Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion: 93 Resp: 887862

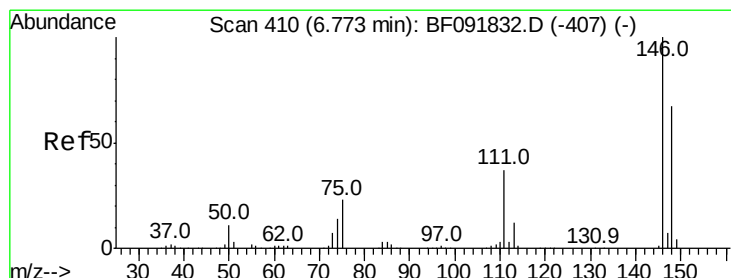
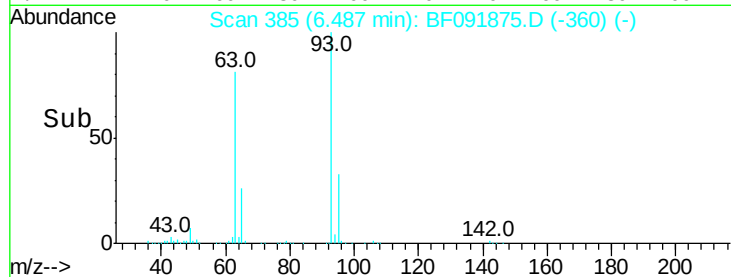
Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.4	100.4
95	32.6	12.8	52.8



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: 37.64 ng

RT: 6.69 min Scan# 403

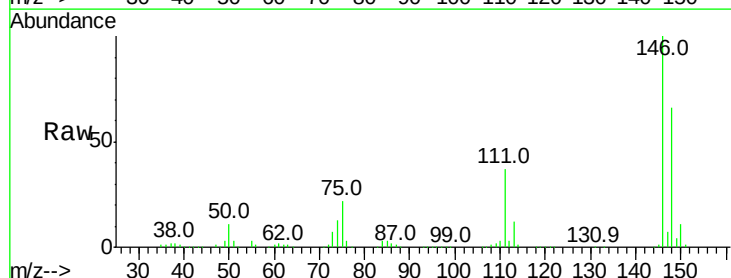
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion: 146 Resp: 941316

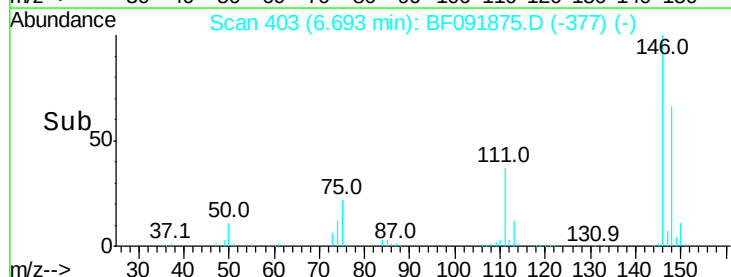
Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.0
75	22.2	18.5	27.7

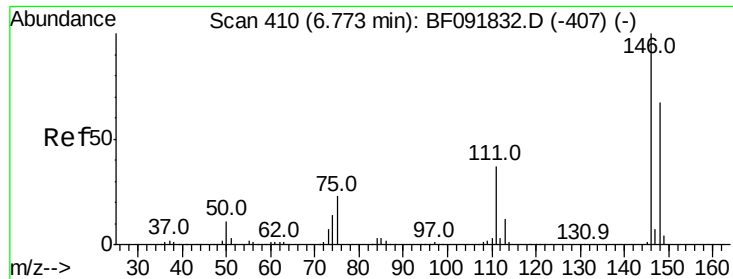


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

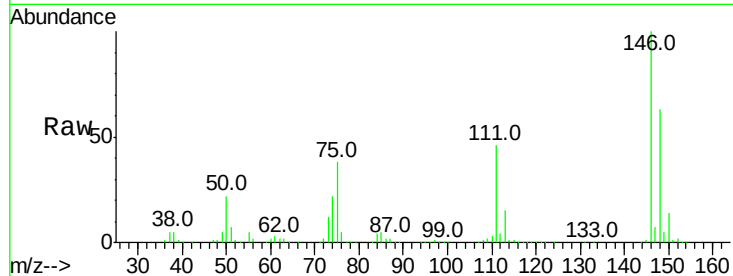
Ion 75.00 (74.70 to 75.70): BF0



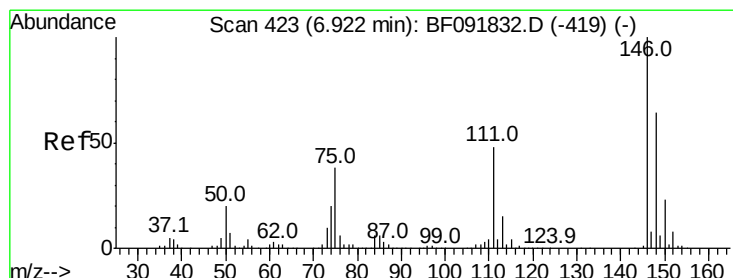
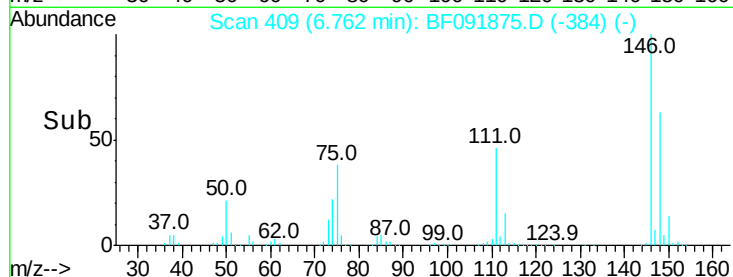
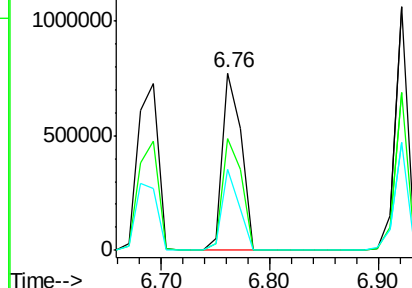


#13
 1,4-Dichlorobenzene
 Concen: 36.58 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	45.5	36.2	54.4

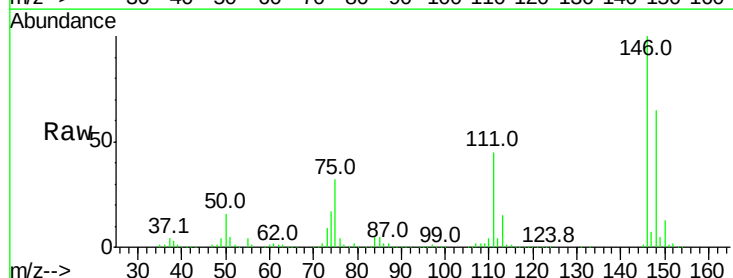


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

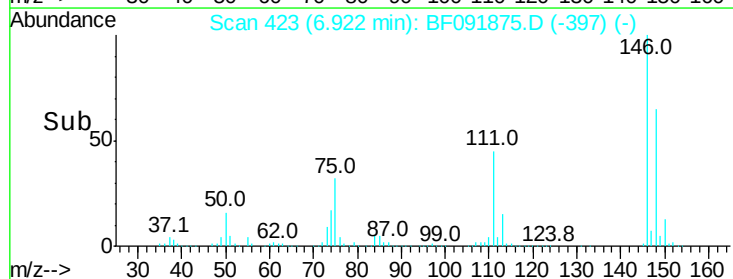
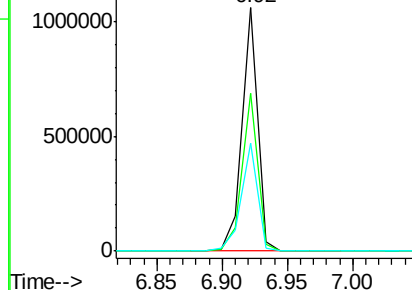


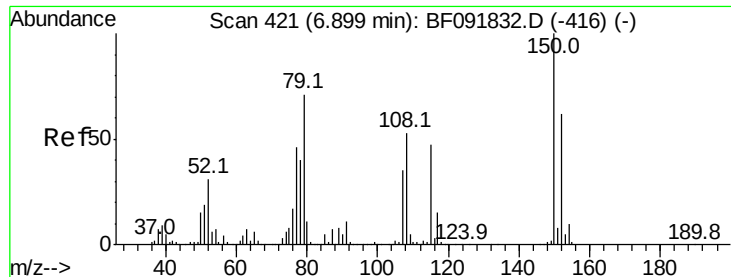
#14
 1,2-Dichlorobenzene
 Concen: 39.34 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	44.6	36.2	54.2



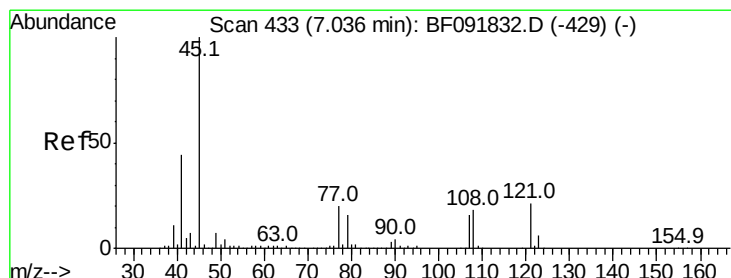
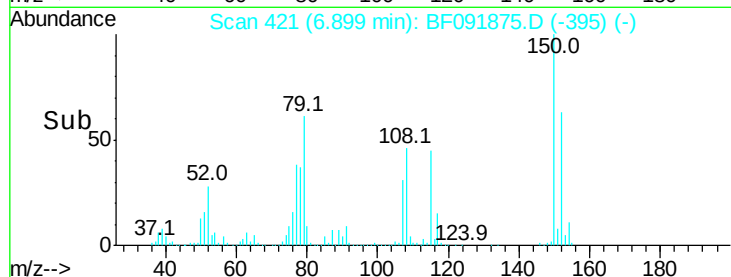
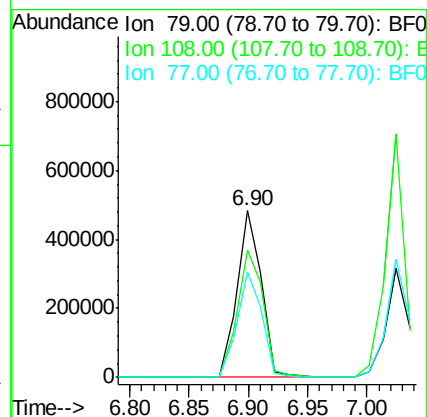
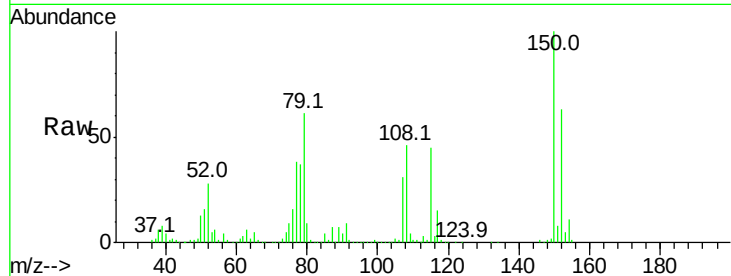
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





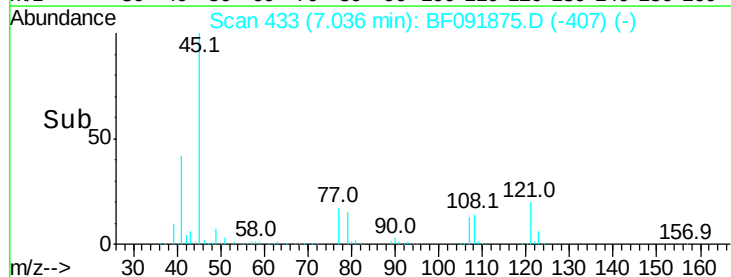
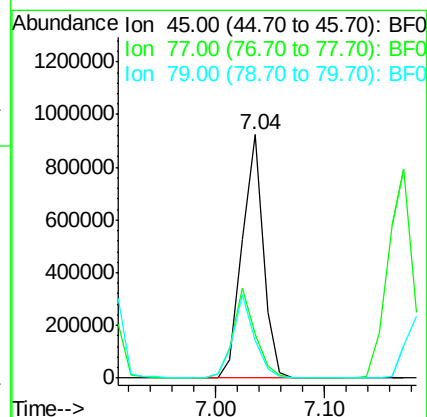
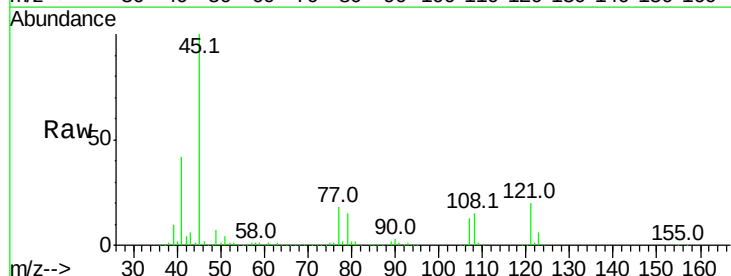
#15
Benzyl Alcohol
Concen: 35.12 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

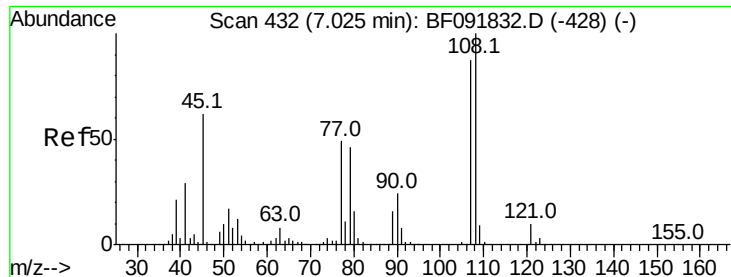
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.4	92.0
77	63.4	50.9	76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.22 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

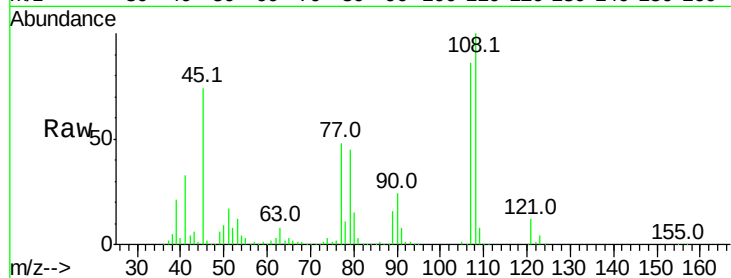
Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	34.6
79	15.3	0.0	31.2



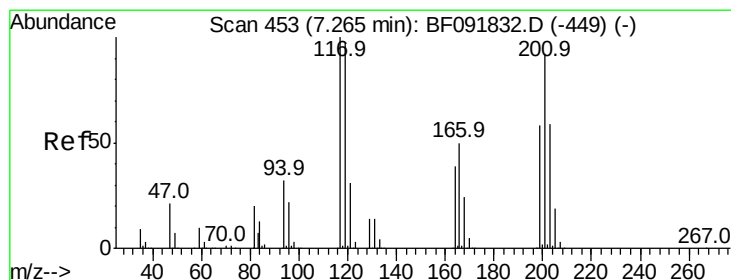
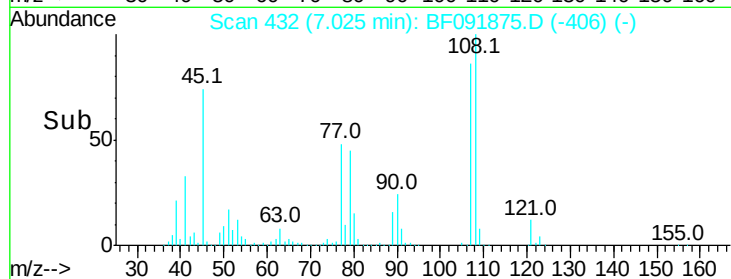
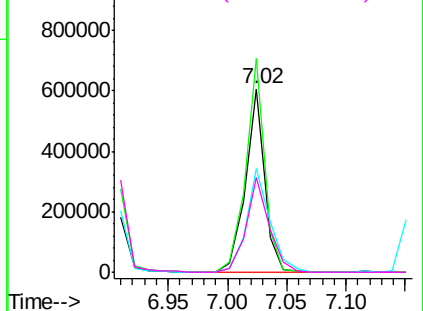


#17
2-Methylphenol
Concen: 36.26 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:	107	Resp:	683147
Ion	Ratio	Lower	Upper
107	100		
108	116.4	93.0	139.6
77	56.4	39.8	59.8
79	52.0	38.0	57.0

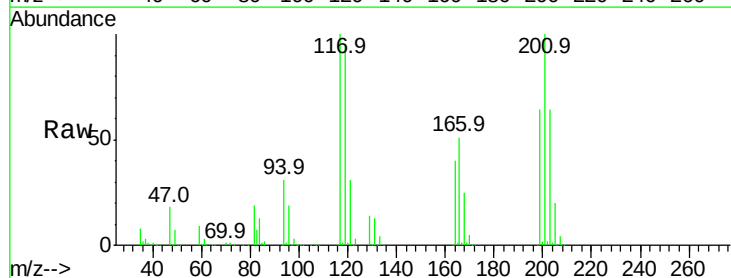


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

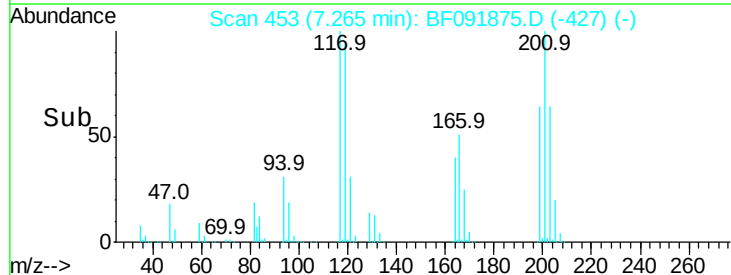
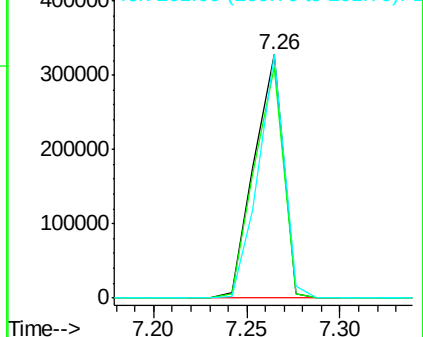


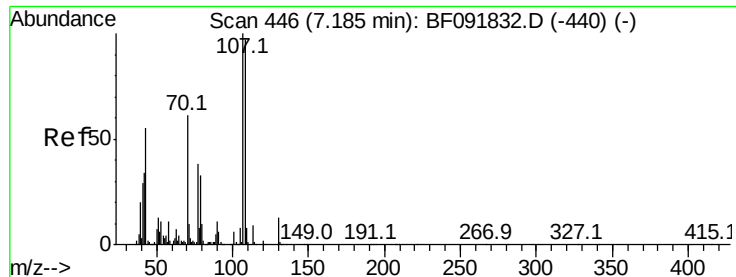
#18
Hexachloroethane
Concen: 37.36 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:	117	Resp:	352585
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.1	117.1
201	100.2	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: 36.15 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion: 70 Resp: 604692

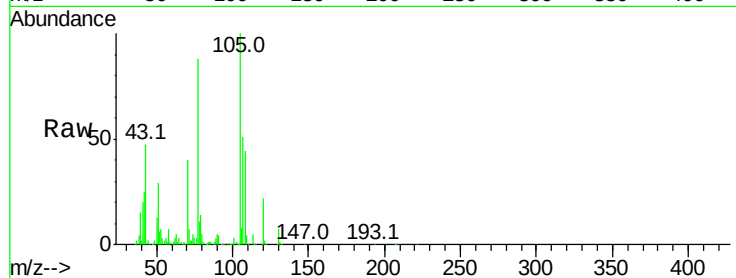
Ion Ratio Lower Upper

70 100

42 62.3 49.4 74.0

101 8.6 7.4 11.2

130 17.8 14.2 21.4

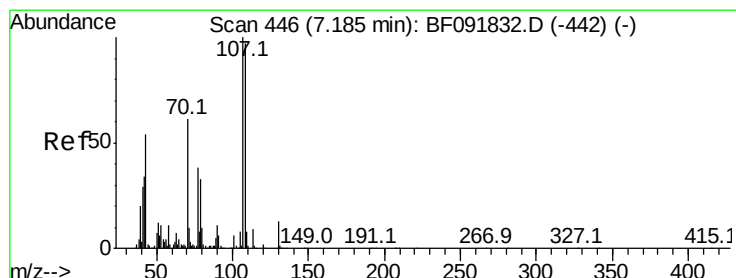
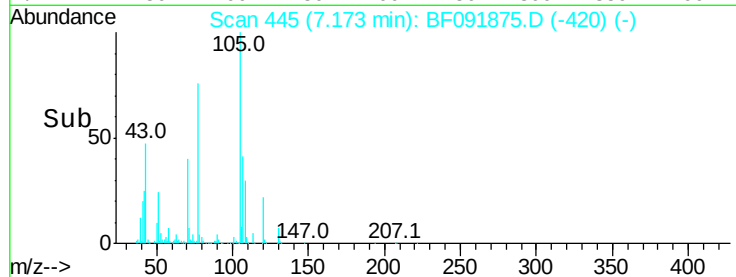
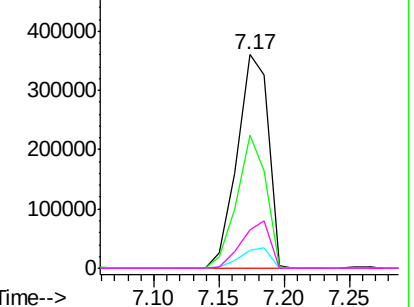


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.22 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:107 Resp: 881164

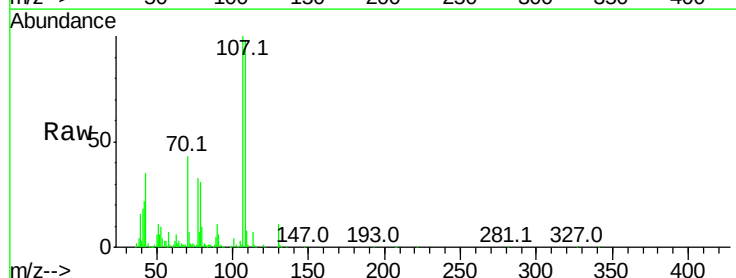
Ion Ratio Lower Upper

107 100

108 97.6 73.0 113.0

77 32.7 71.3 111.3#

79 30.9 11.1 51.1

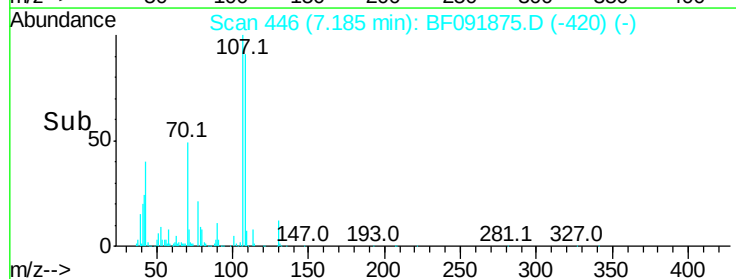
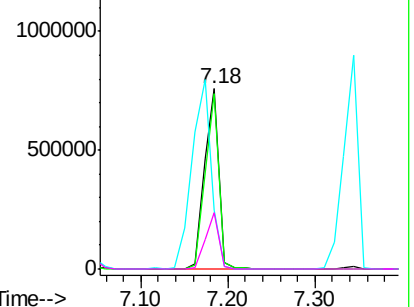


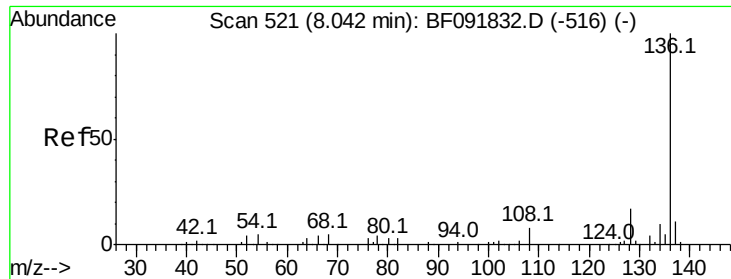
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

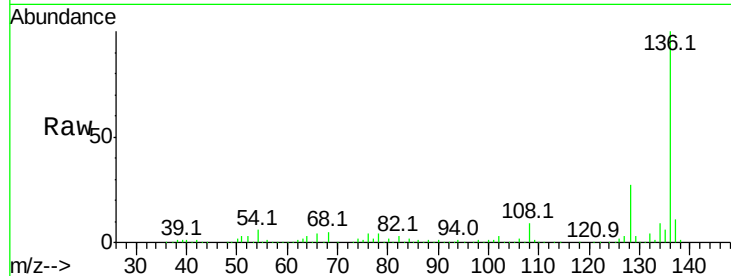
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion:136 Resp: 1331420

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	5.8	4.5	6.7
68	5.2	3.6	5.4

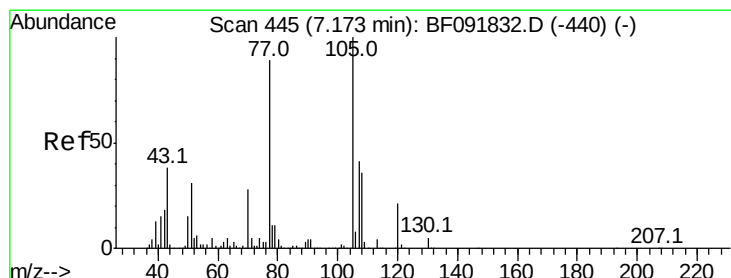
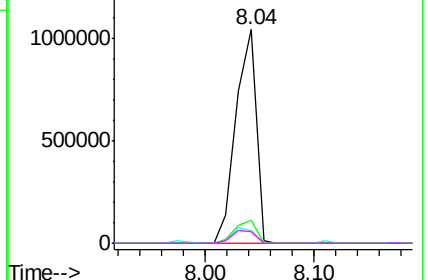
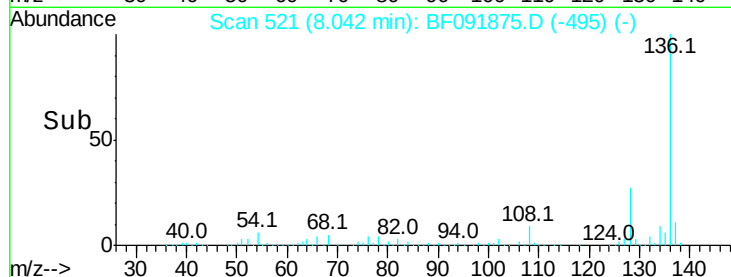


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.05 ng

RT: 7.17 min Scan# 445

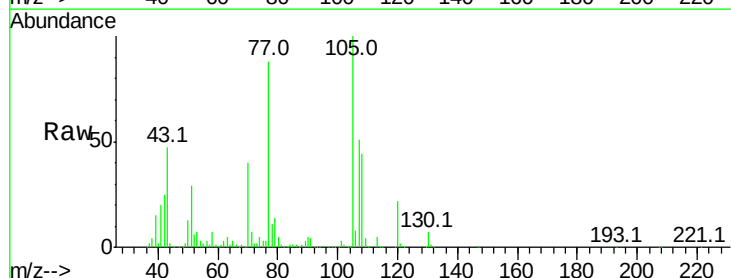
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:105 Resp: 1282348

Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.2	4.8#
51	28.7	26.2	39.4
120	22.4	16.6	24.8

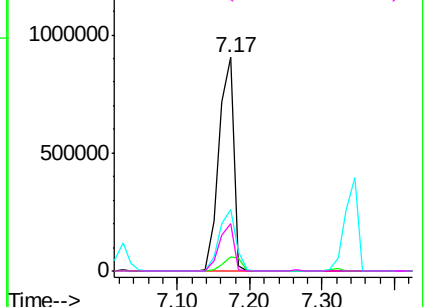
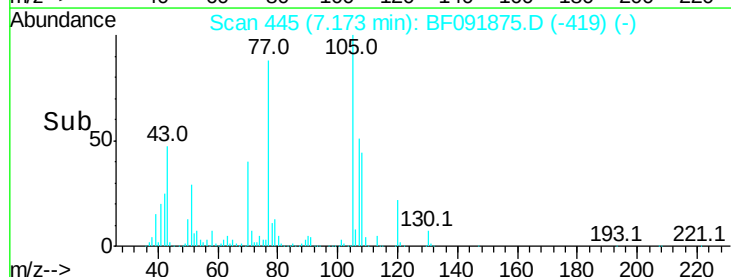


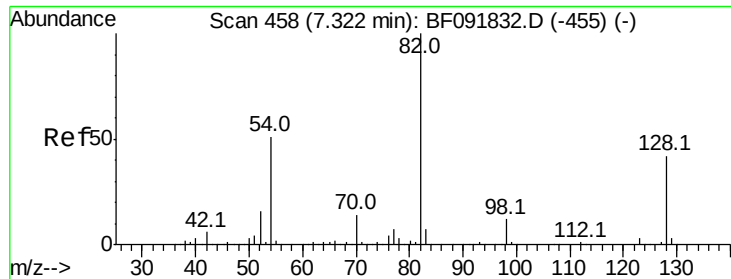
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

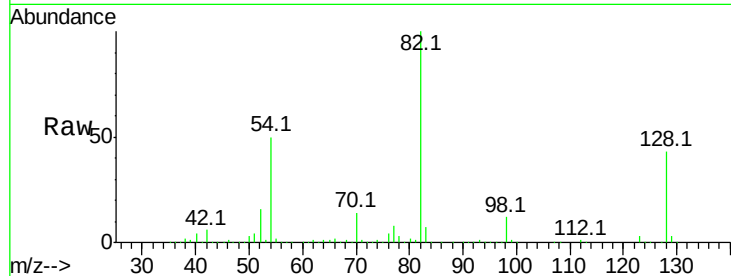
Ion 120.00 (119.70 to 120.70): E



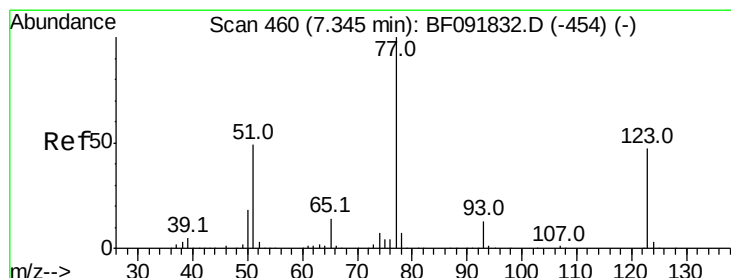
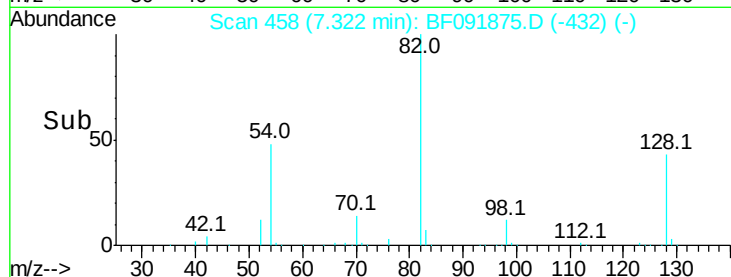
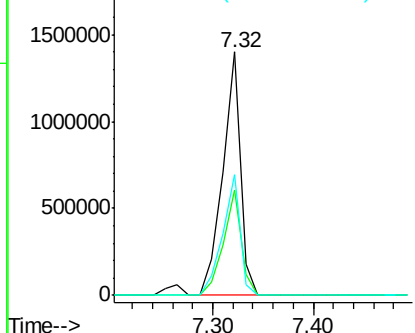


#23
 Nitrobenzene-d5
 Concen: 71.66 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion: 82 Resp: 1715929
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 52.0
 54 49.8 39.5 59.3

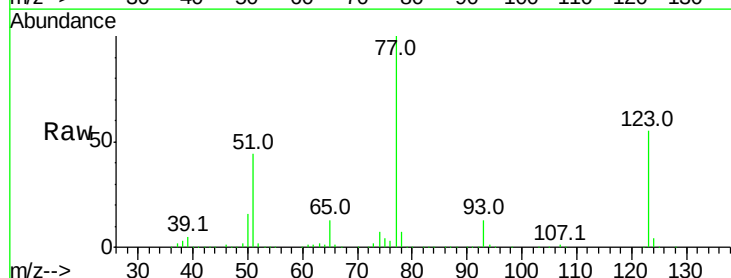


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

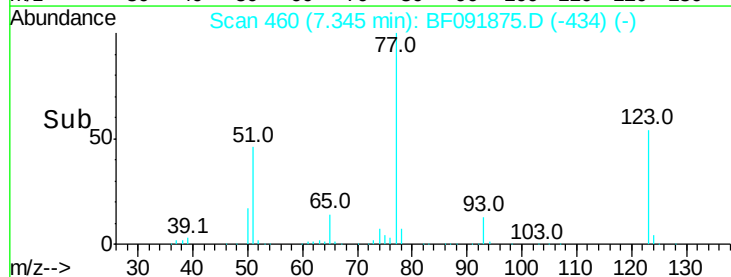
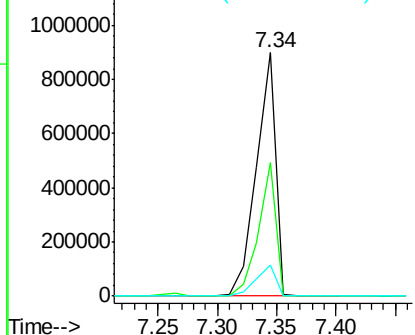


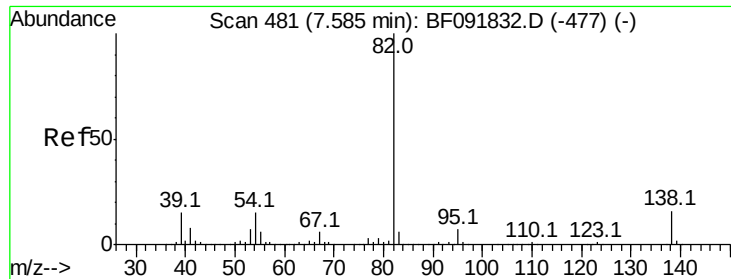
#24
 Nitrobenzene
 Concen: 40.30 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion: 77 Resp: 1027848
 Ion Ratio Lower Upper
 77 100
 123 54.6 33.0 49.4#
 65 12.9 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: 38.11 ng

RT: 7.58 min Scan# 481

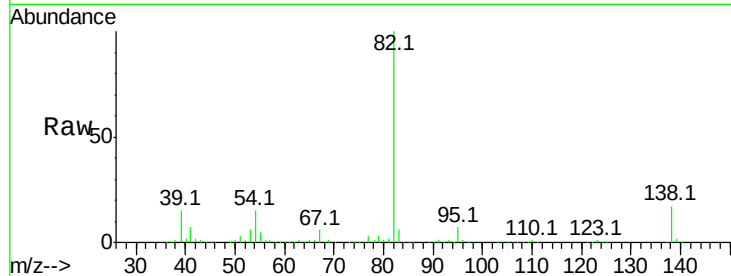
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion: 82 Resp: 1683678

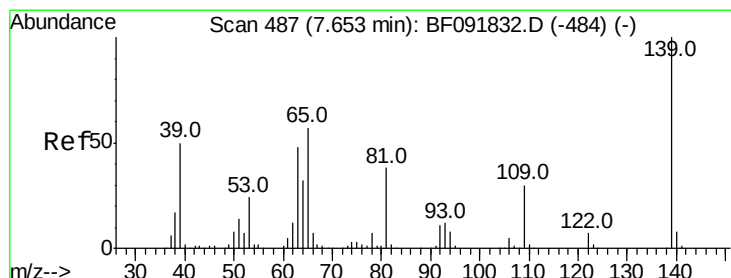
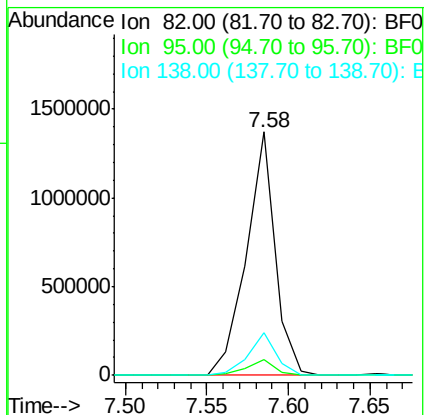
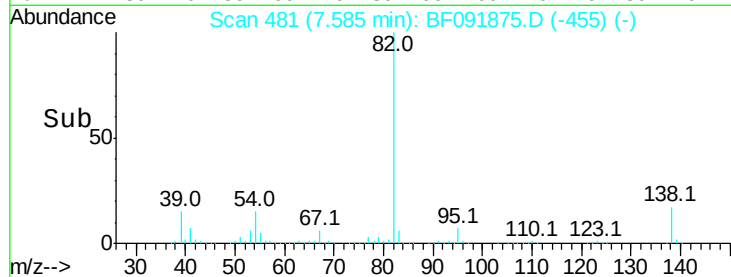
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	17.3	14.6	22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.10 ng

RT: 7.65 min Scan# 487

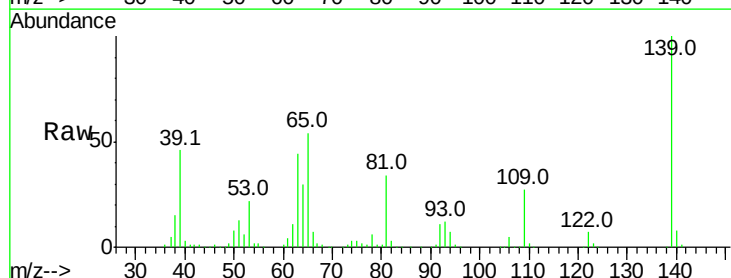
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:139 Resp: 466524

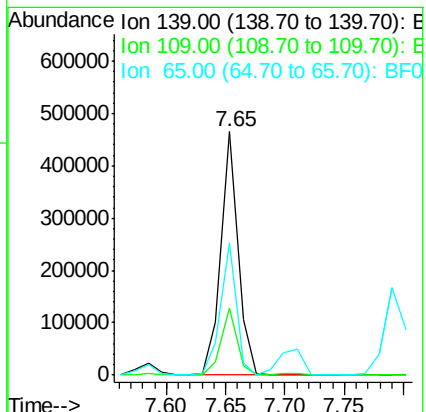
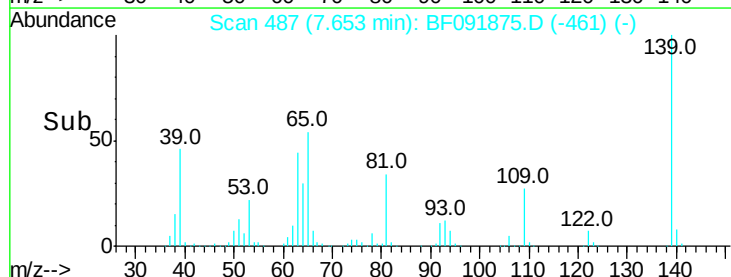
Ion	Ratio	Lower	Upper
139	100		
109	27.3	23.3	34.9
65	54.1	42.7	64.1

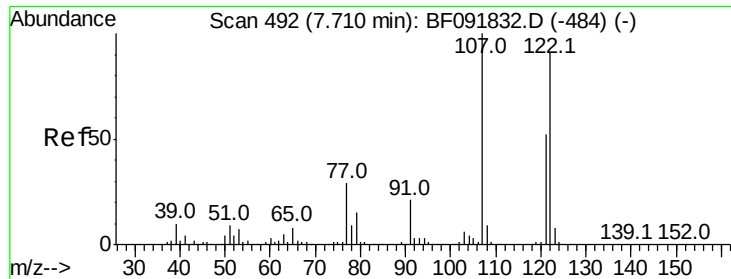


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

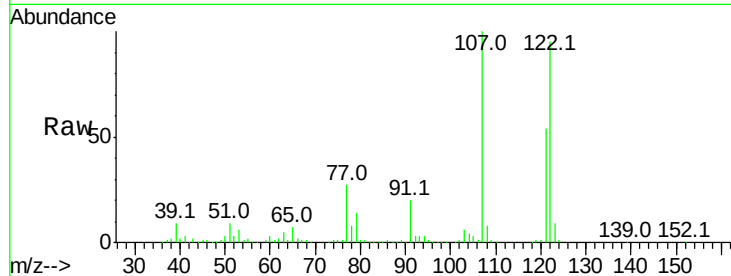
Ion 65.00 (64.70 to 65.70): BF0



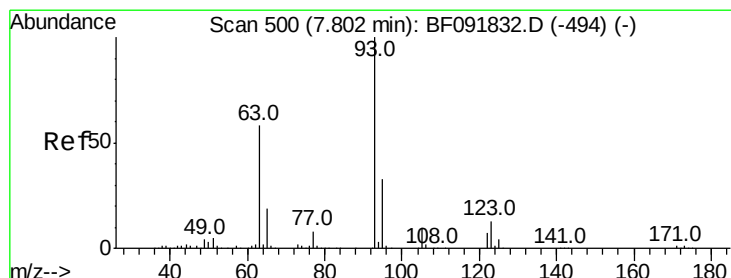
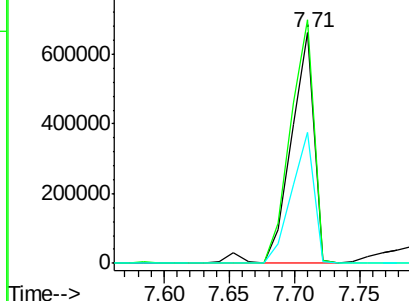
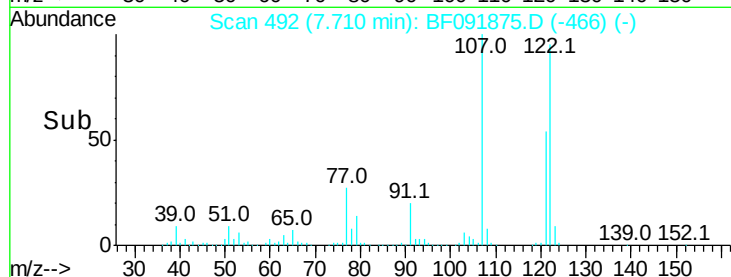


#27
 2,4-Dimethylphenol
 Concen: 39.75 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.8	94.1	141.1
121	56.9	46.0	69.0

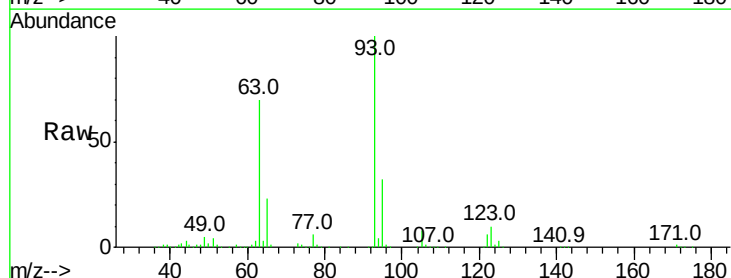


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

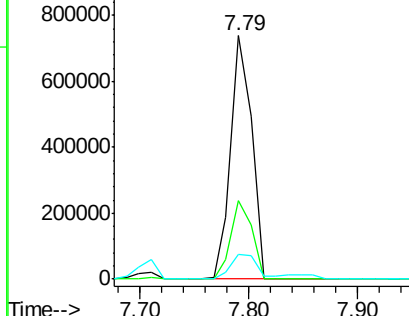
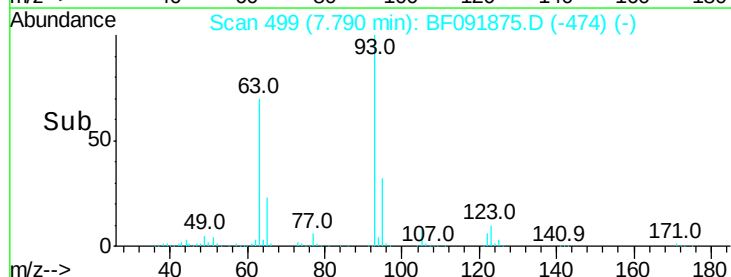


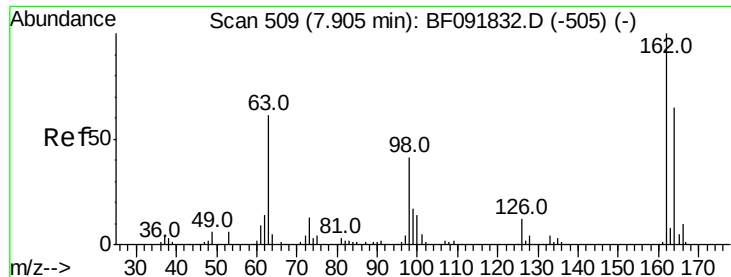
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.77 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.2	8.6	13.0



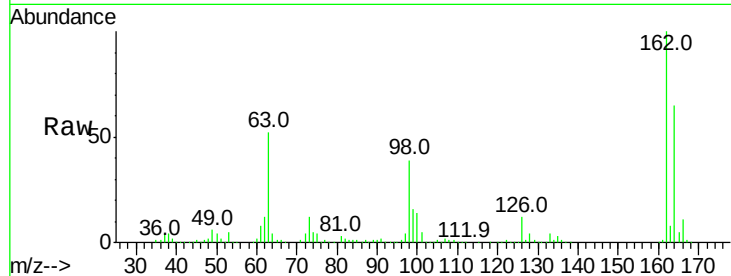
Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



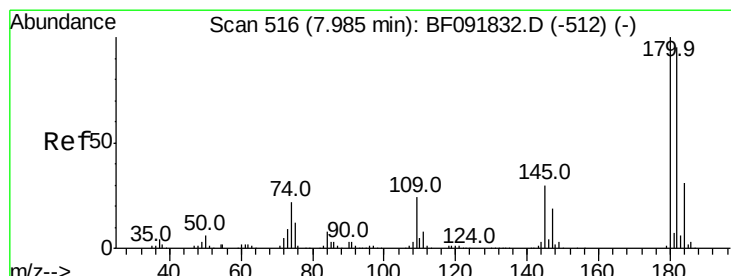
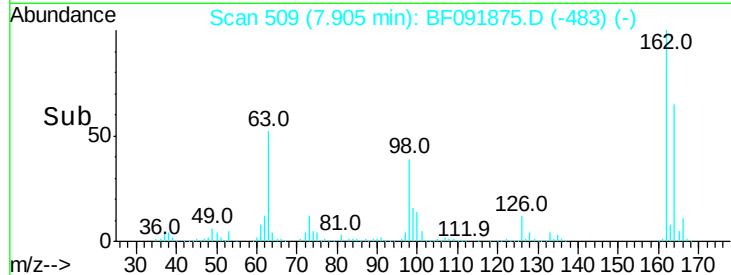
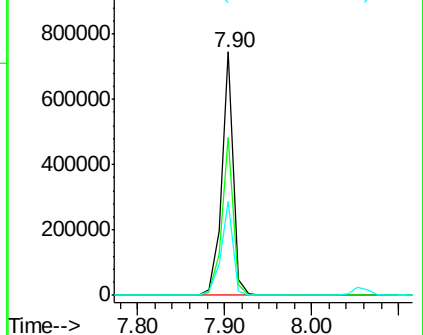


#29
 2,4-Dichlorophenol
 Concen: 39.52 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion:162	Resp:	698019
Ion Ratio	Lower	Upper
162	100	
164	64.7	46.8 86.8
98	38.5	9.1 49.1

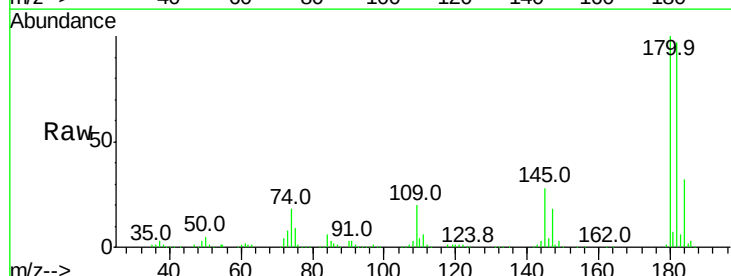


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

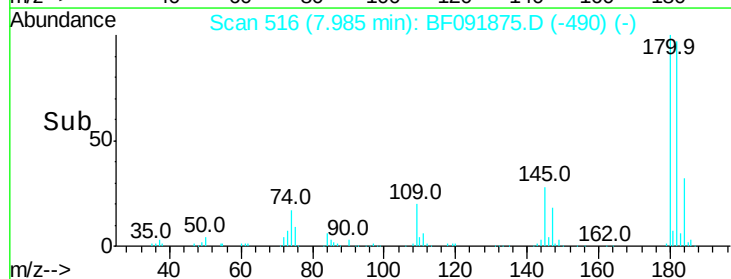
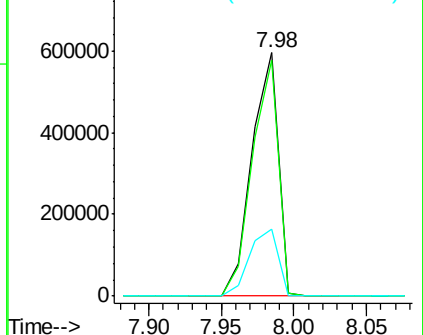


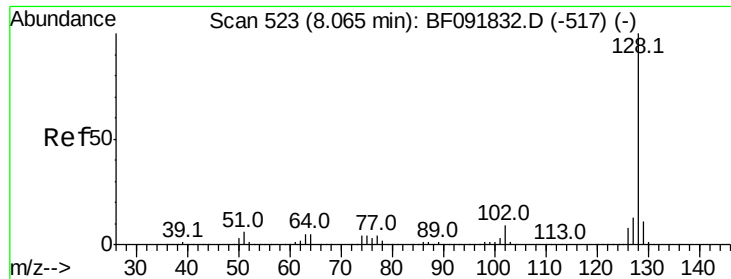
#30
 1,2,4-Trichlorobenzene
 Concen: 38.98 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion:180	Resp:	754515
Ion Ratio	Lower	Upper
180	100	
182	96.8	78.2 117.4
145	27.7	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

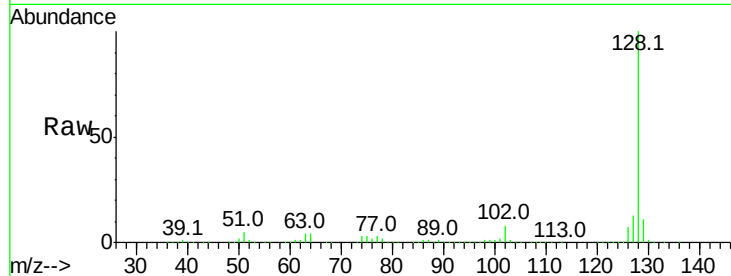




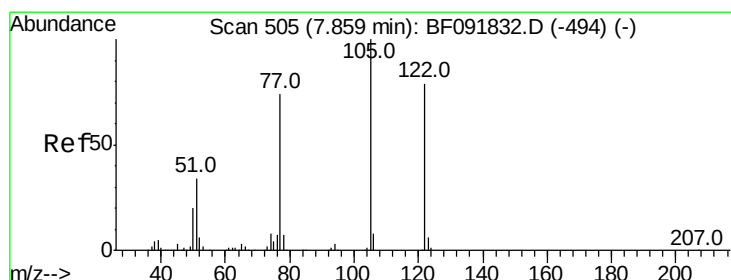
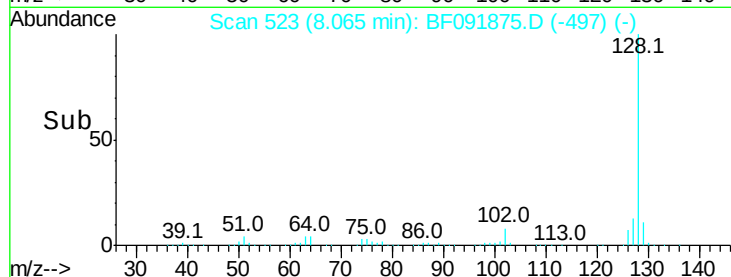
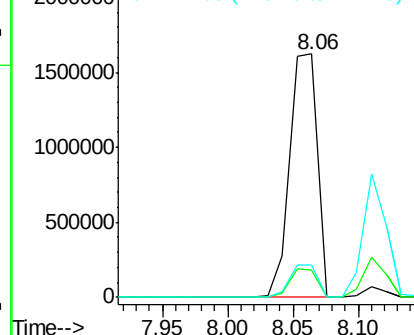
#31
Naphthalene
Concen: 39.74 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:128 Resp: 2421452

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.1	10.8	16.2



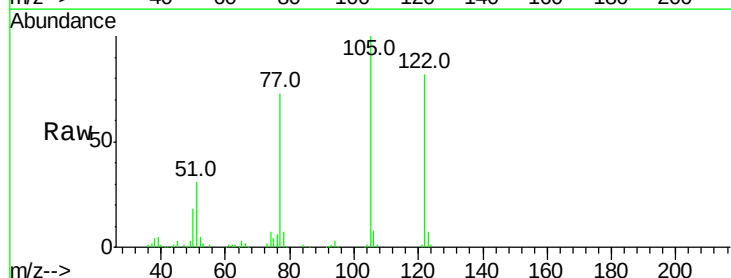
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



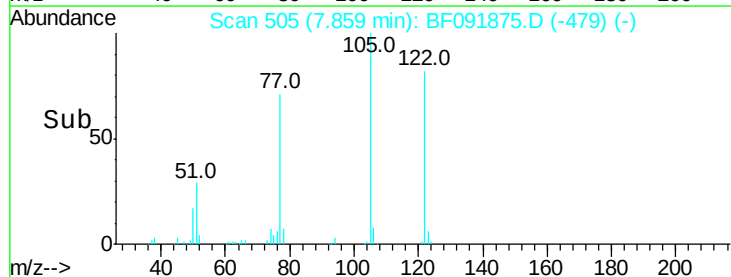
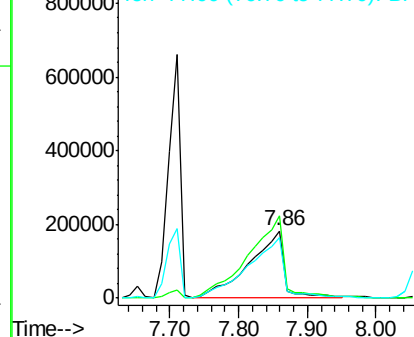
#32
Benzoic acid
Concen: 40.56 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

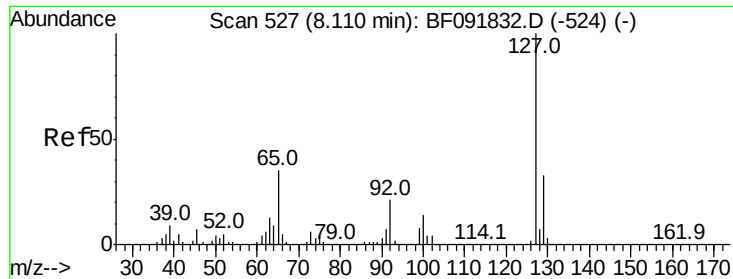
Tgt Ion:122 Resp: 627571

Ion	Ratio	Lower	Upper
122	100		
105	122.6	107.2	147.2
77	89.6	74.5	114.5



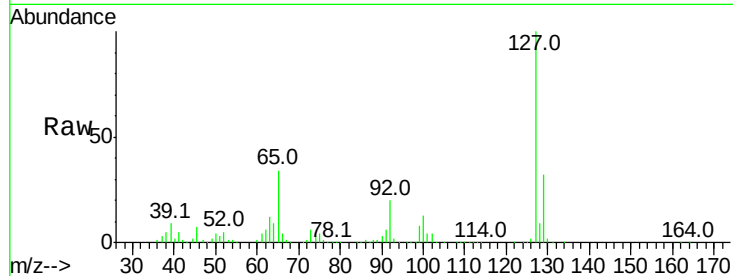
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



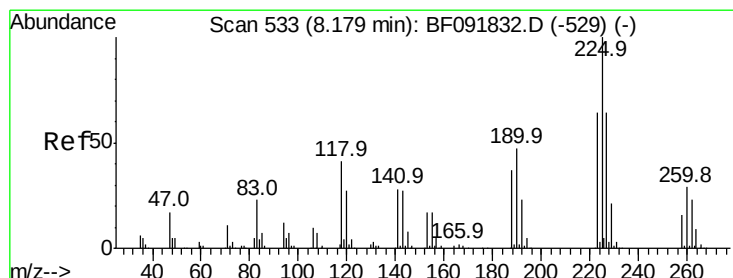
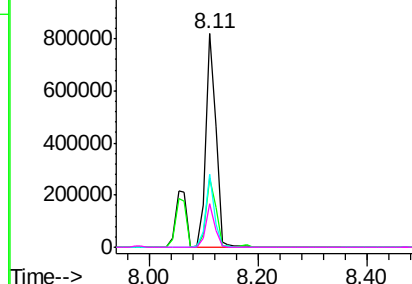
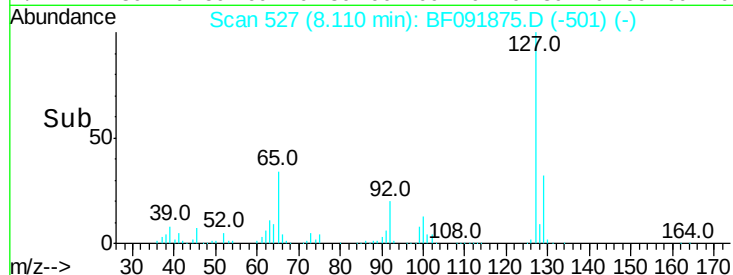


#33
4-Chloroaniline
Concen: 37.45 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:	127	Resp:	1028938
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	34.1	25.8	38.8
92	20.2	16.1	24.1

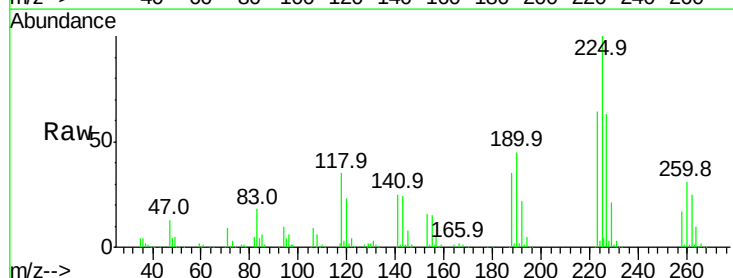


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

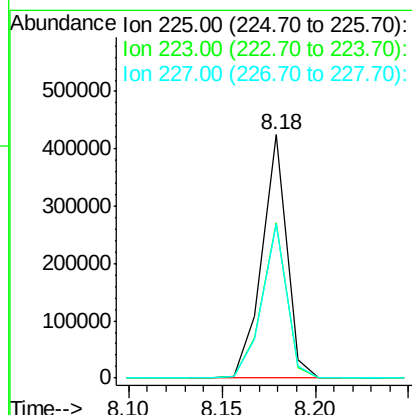
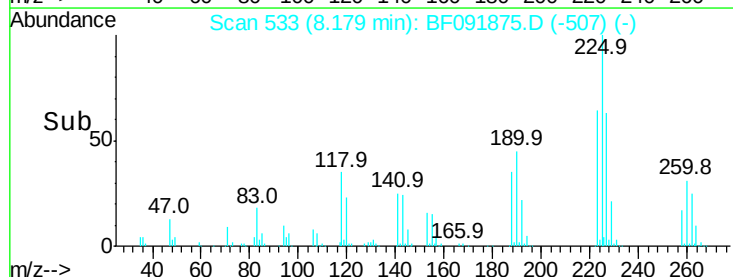


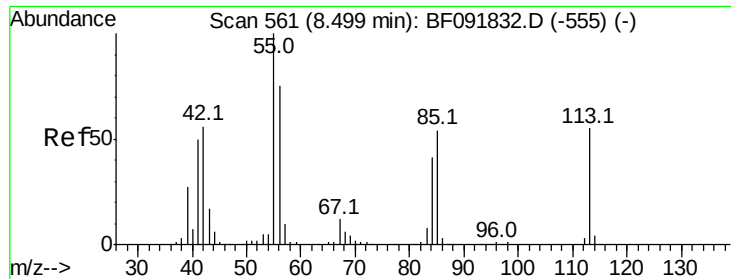
#34
Hexachlorobutadiene
Concen: 38.23 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:	225	Resp:	390592
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.4	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: 36.66 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

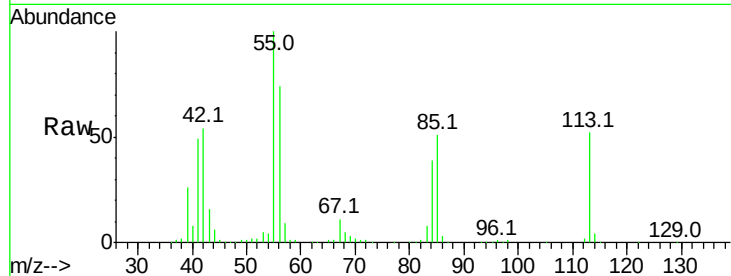
Tot Ion:113 Resp: 212756

Ion Ratio Lower Upper

113 100

55 191.5 119.2 159.2#

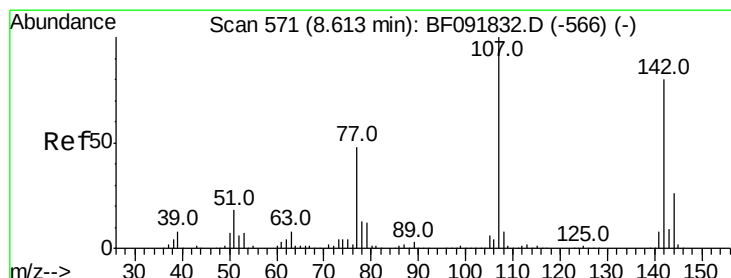
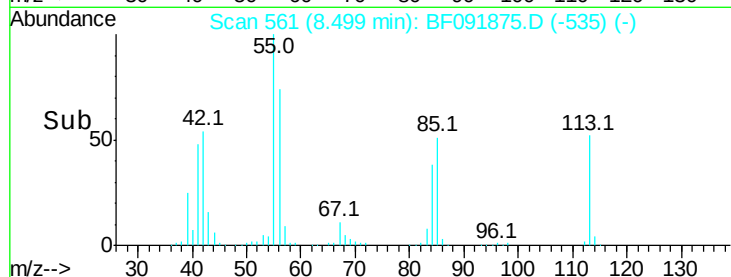
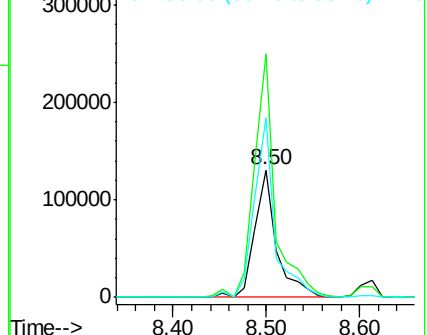
56 140.9 83.8 123.8#



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: 39.59 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

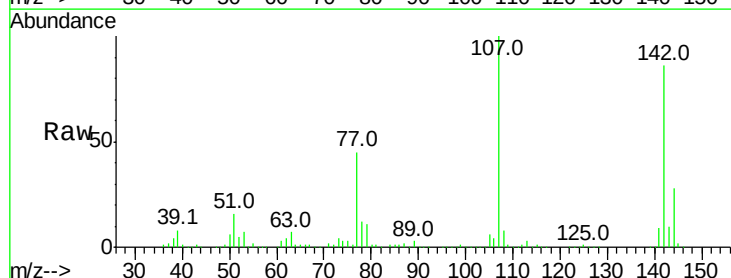
Tgt Ion:107 Resp: 804617

Ion Ratio Lower Upper

107 100

144 28.1 19.3 28.9

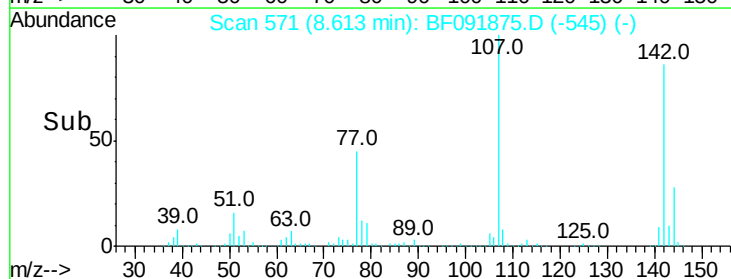
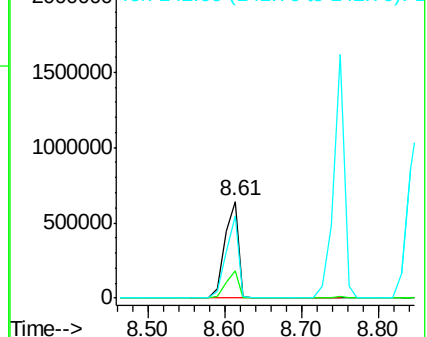
142 85.8 59.0 88.6

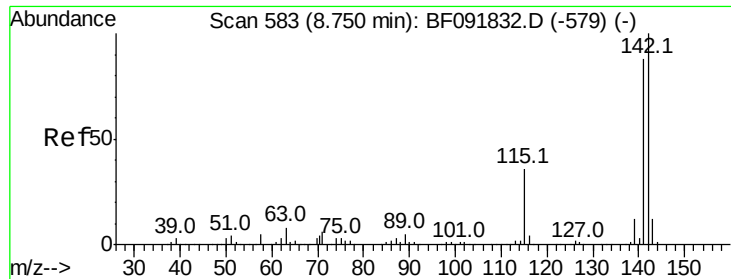


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

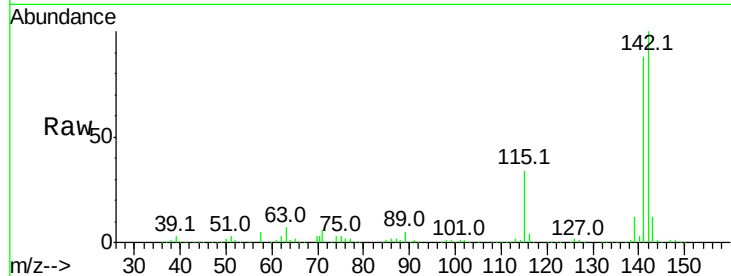




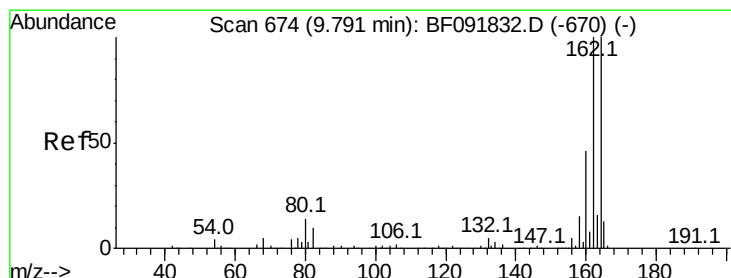
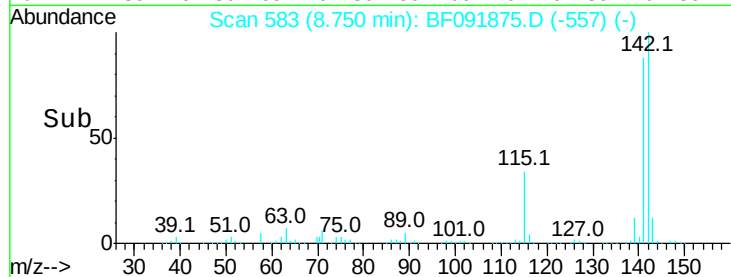
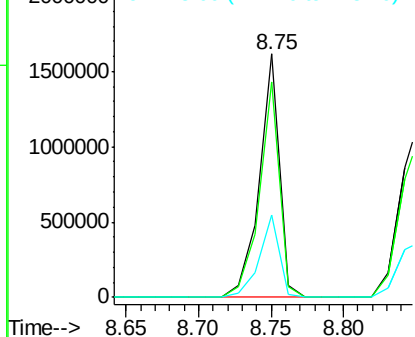
#37
2-Methylnaphthalene
Concen: 40.37 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:142 Resp: 1546635

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	34.0	28.3	42.5



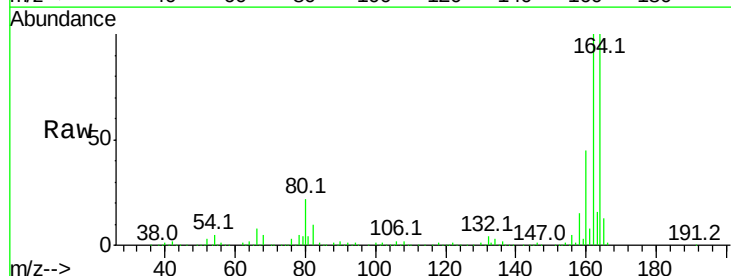
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



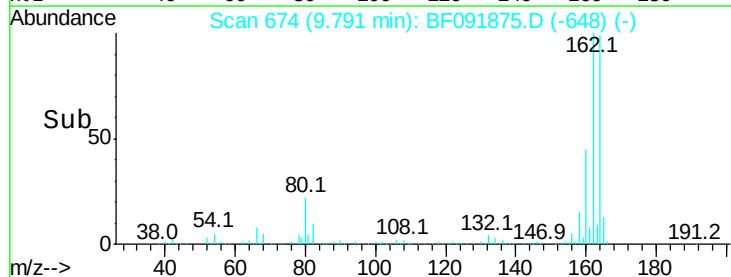
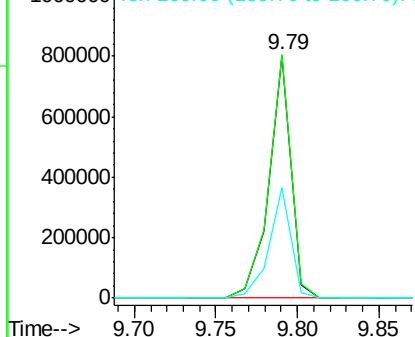
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

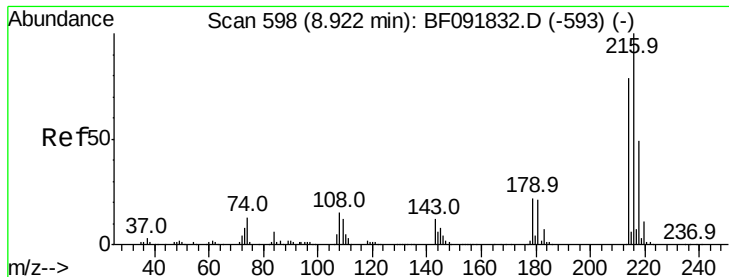
Tgt Ion:164 Resp: 755574

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	45.4	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: 34.99 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion:216 Resp: 667969

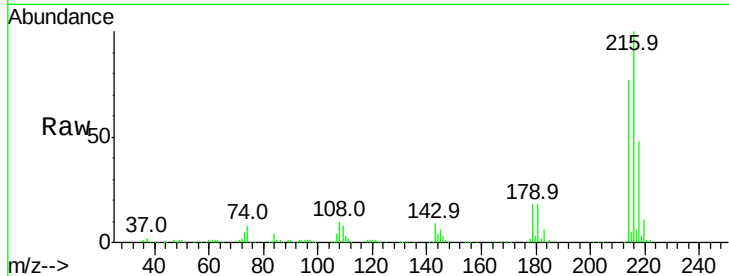
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 21.5 17.4 26.2

108 19.4 15.6 23.4

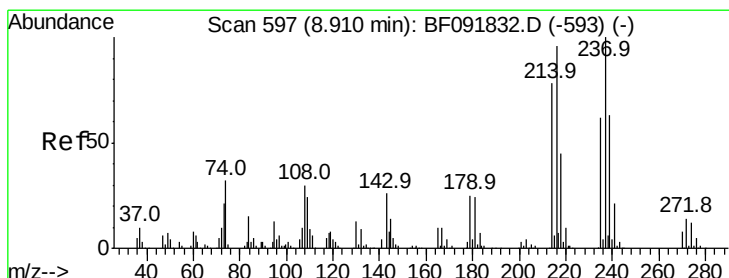
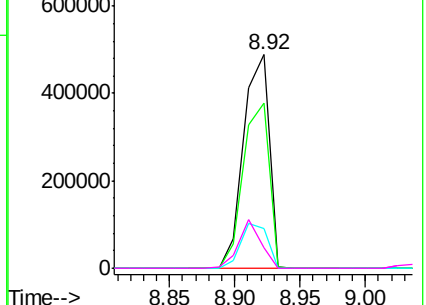
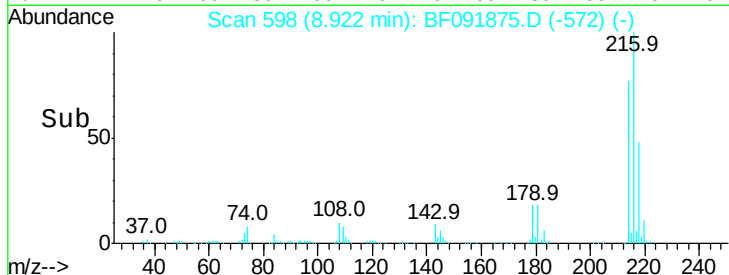


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.88 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

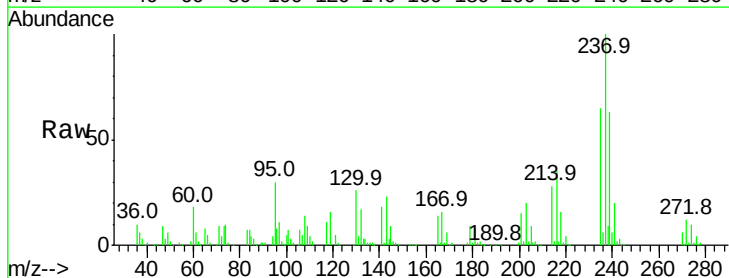
Tgt Ion:237 Resp: 231726

Ion Ratio Lower Upper

237 100

235 64.5 41.2 81.2

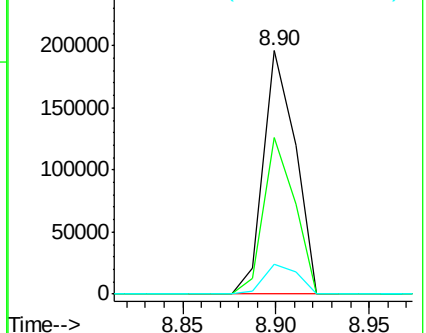
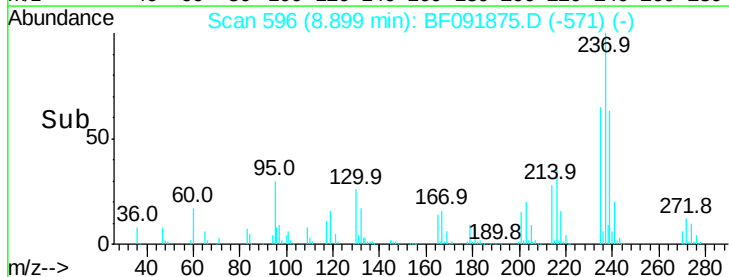
272 12.4 0.0 35.4

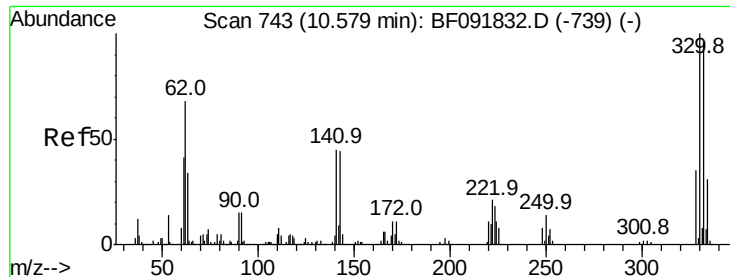


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

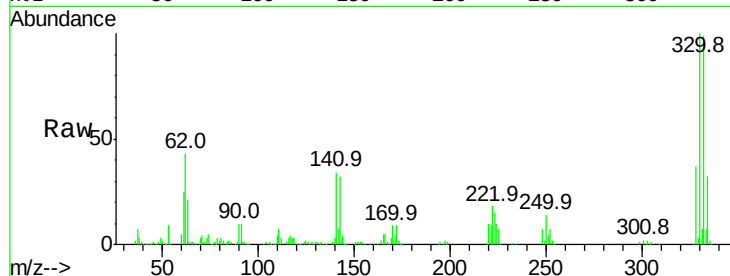
Ion 271.75 (271.45 to 272.45): E



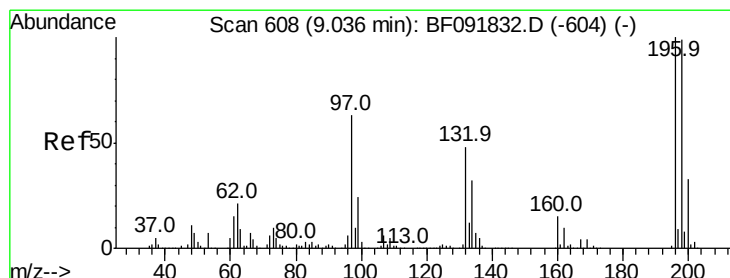
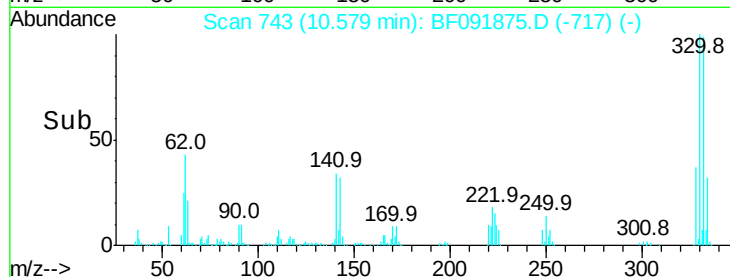
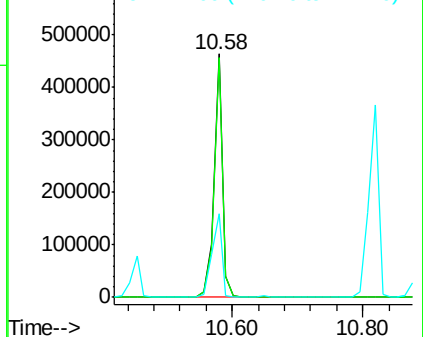


#41
 2,4,6-Tribromophenol
 Concen: 68.77 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	40.0	34.1	51.1

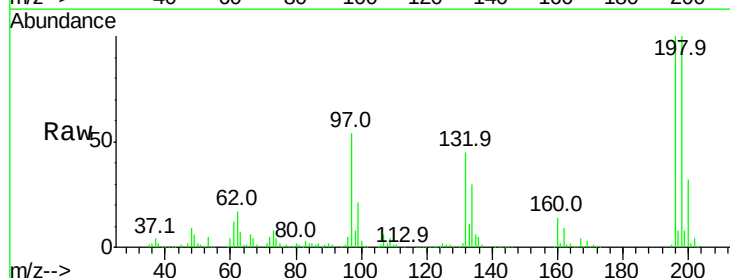


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

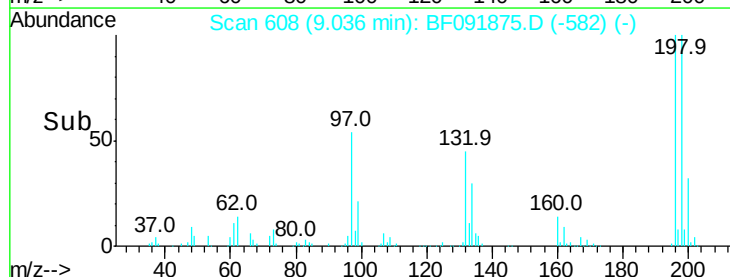
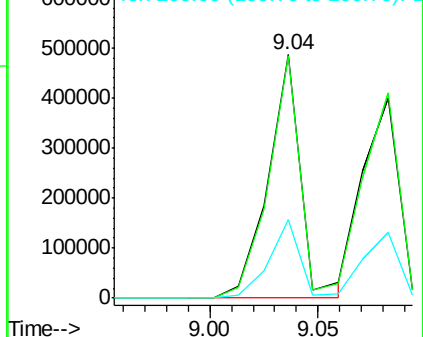


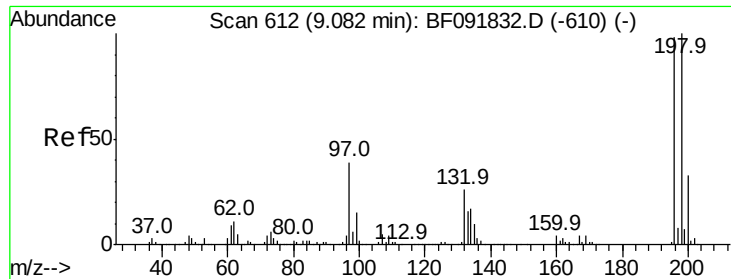
#42
 2,4,6-Trichlorophenol
 Concen: 38.09 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	82.1	123.1
200	32.3	27.0	40.4



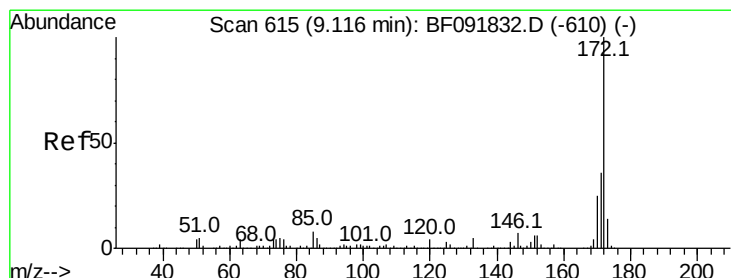
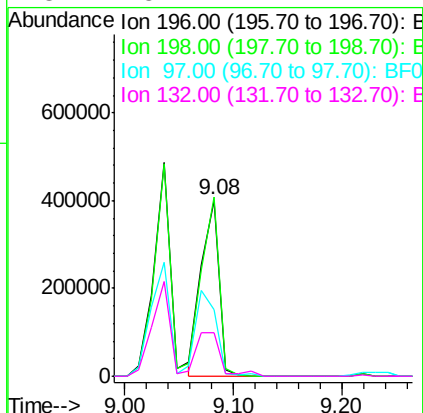
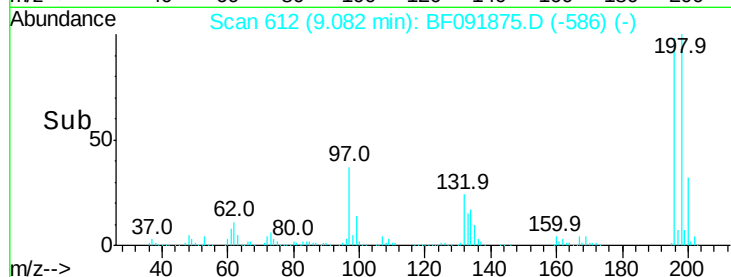
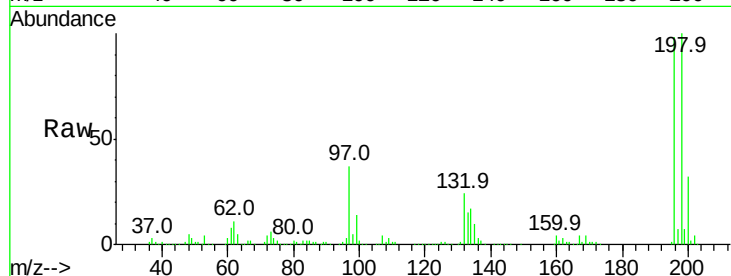
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





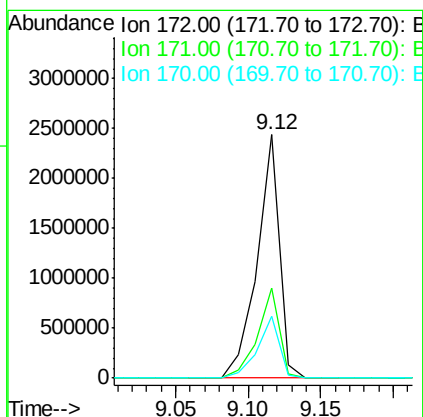
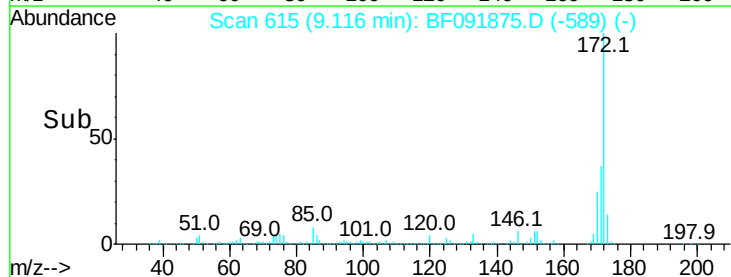
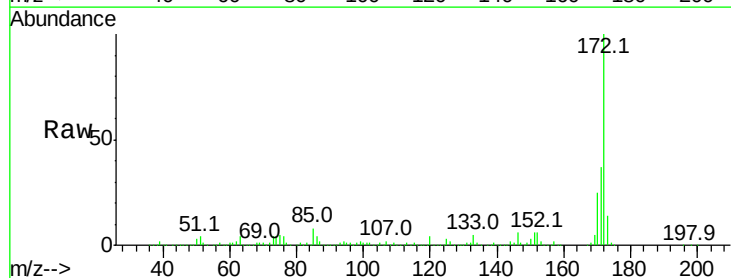
#43
 2,4,5-Trichlorophenol
 Concen: 33.72 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

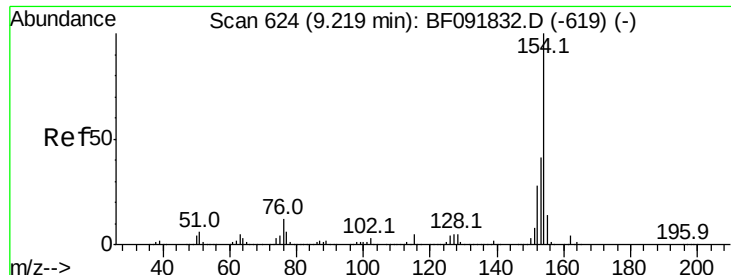
Tot Ion:	196	Resp:	463333
Ion	Ratio	Lower	Upper
196	100		
198	102.5	79.4	119.2
97	37.9	51.5	77.3#
132	25.1	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 67.56 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion:	172	Resp:	2588856
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.4	20.2	30.4

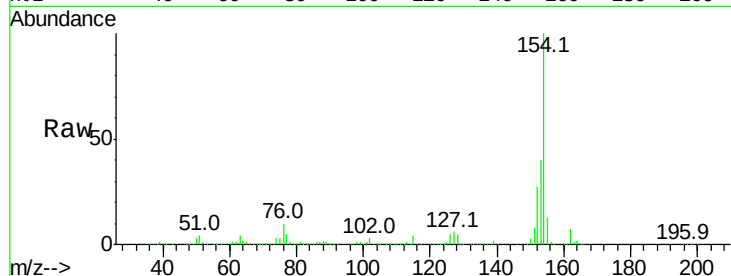




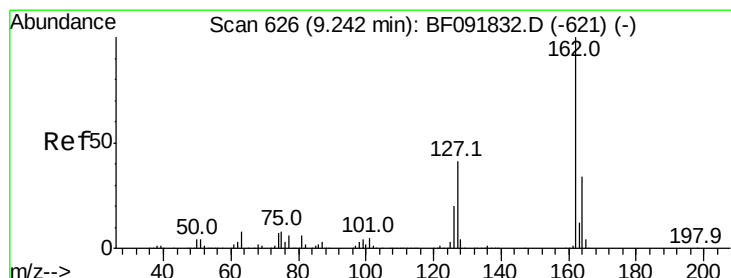
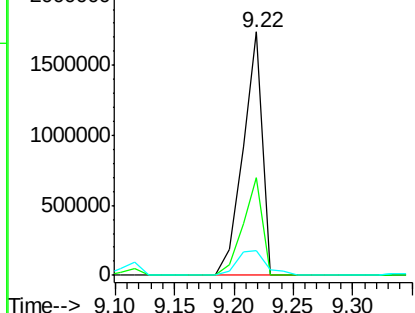
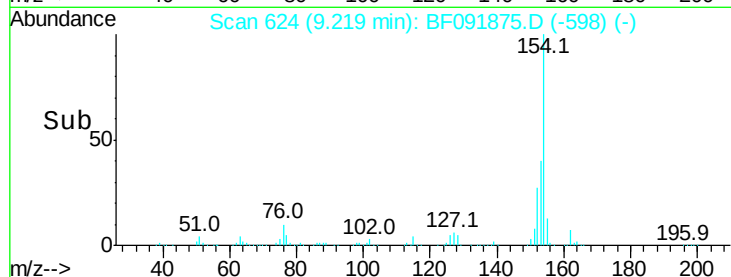
#45
 1,1'-Biphenyl
 Concen: 37.86 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion:154 Resp: 1958651

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	10.2	0.0	30.5



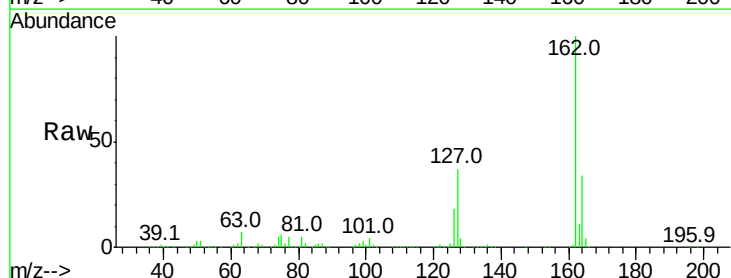
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



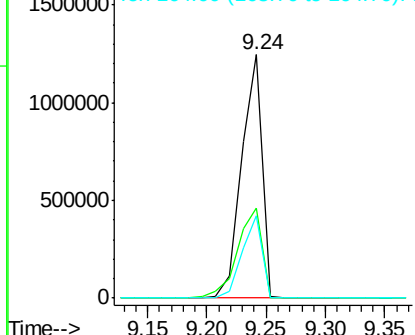
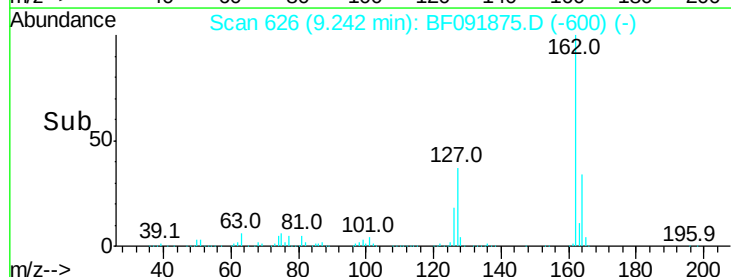
#46
 2-Chloronaphthalene
 Concen: 36.43 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

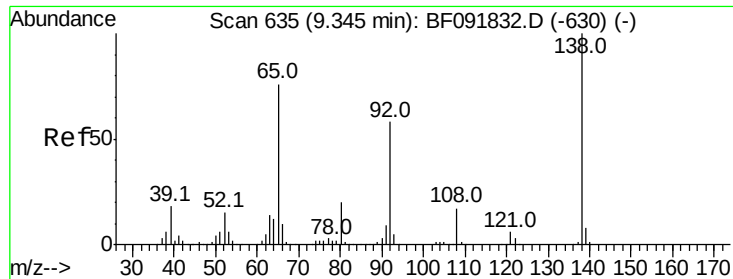
Tgt Ion:162 Resp: 1492380

Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.7	46.1
164	34.1	27.6	41.4



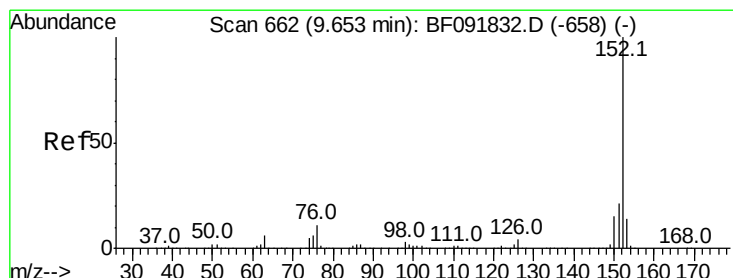
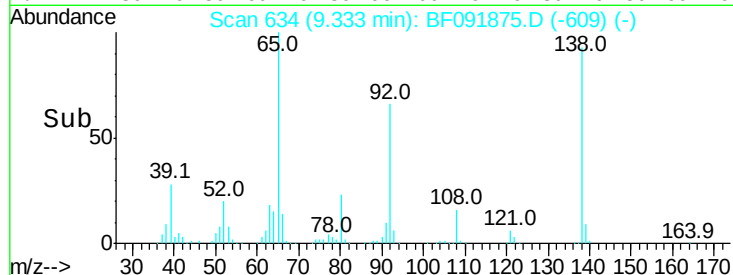
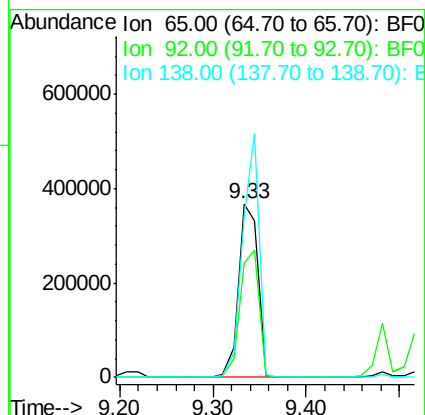
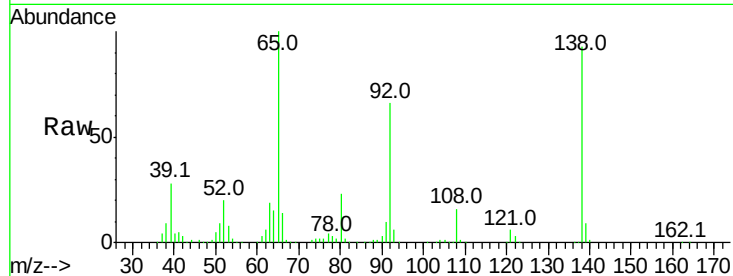
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





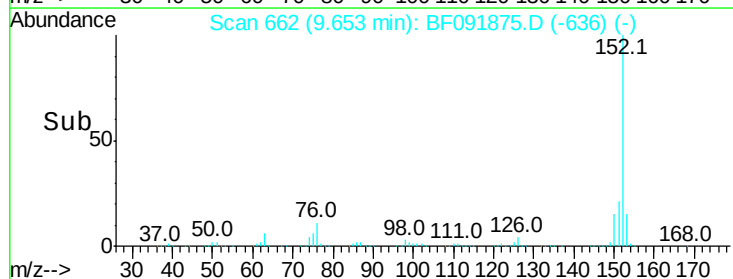
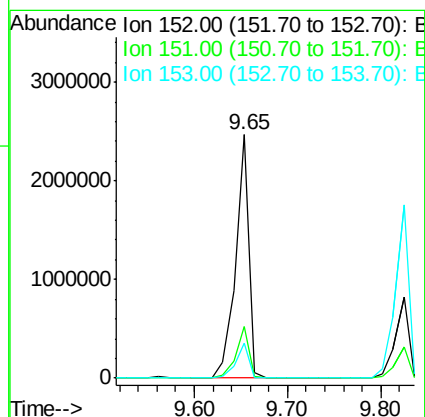
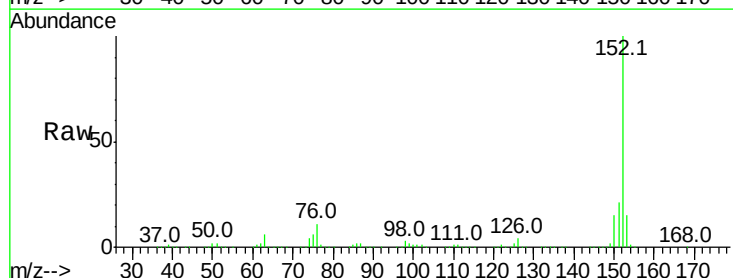
#47
2-Nitroaniline
Concen: 36.50 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

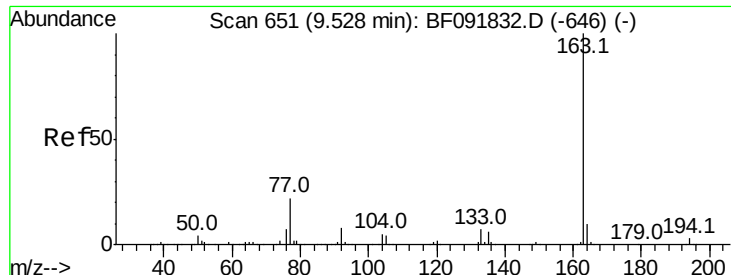
Tot Ion:	65	Resp:	532428
Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	92.9	76.8	115.2



#48
Acenaphthylene
Concen: 38.97 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:	152	Resp:	2455298
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	14.6	11.4	17.2

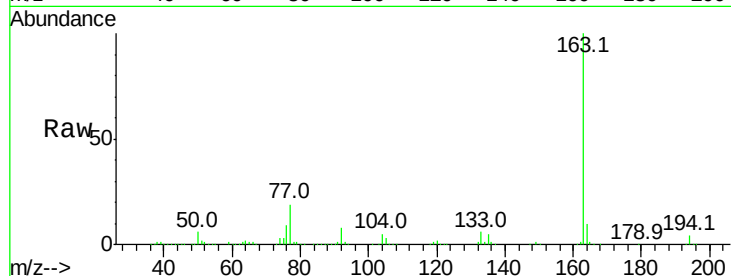




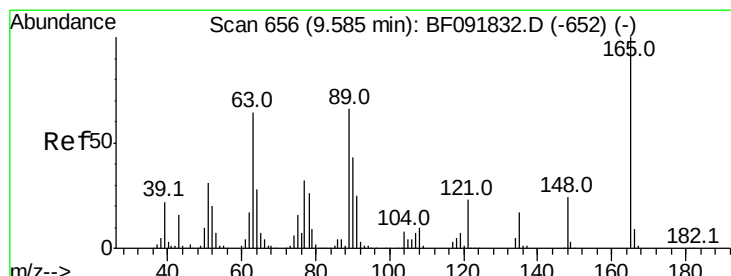
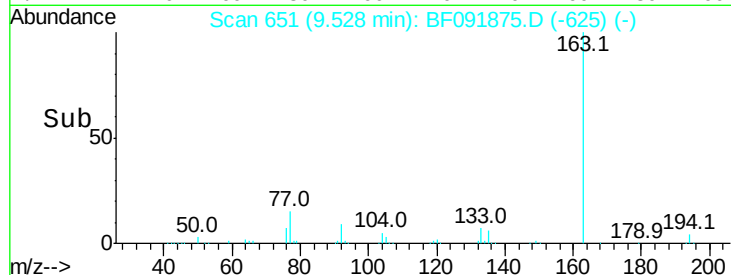
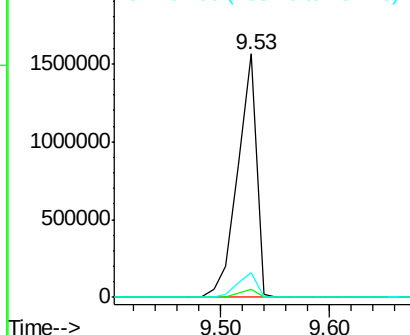
#49
Dimethylphthalate
Concen: 38.27 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:163 Resp: 1849426

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	8.0	12.0



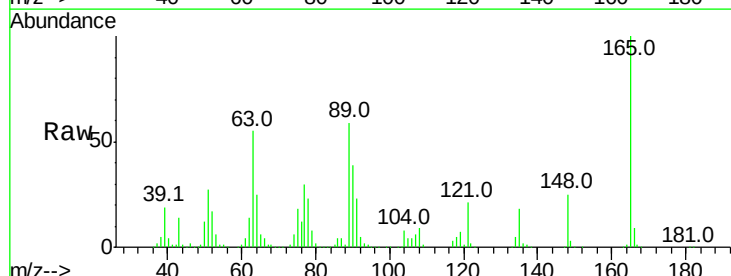
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



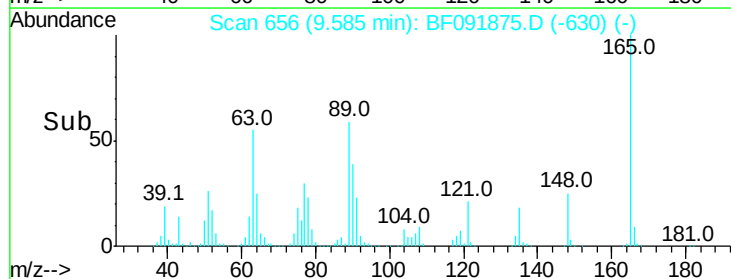
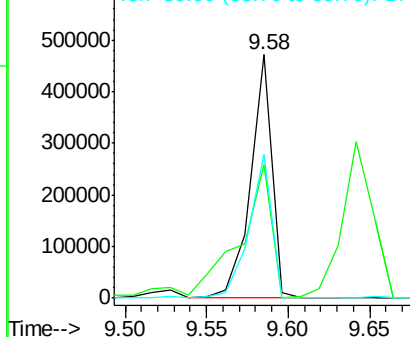
#50
2,6-Dinitrotoluene
Concen: 40.38 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

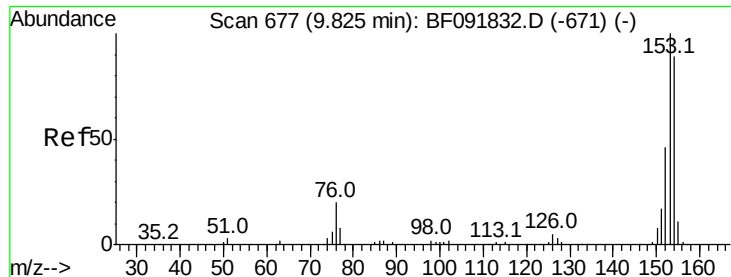
Tgt Ion:165 Resp: 427150

Ion	Ratio	Lower	Upper
165	100		
63	54.8	36.2	54.4#
89	58.8	40.2	60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.25 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

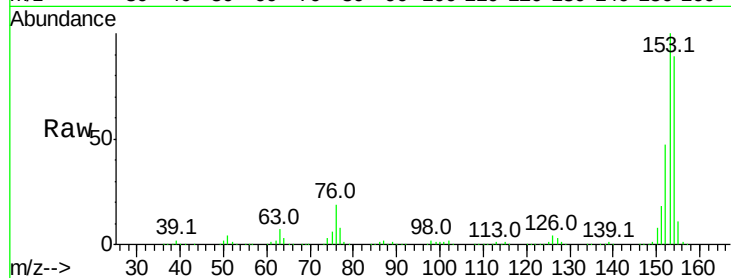
Tot Ion:154 Resp: 1548610

Ion Ratio Lower Upper

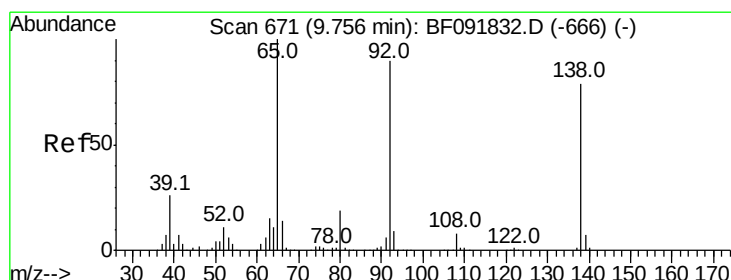
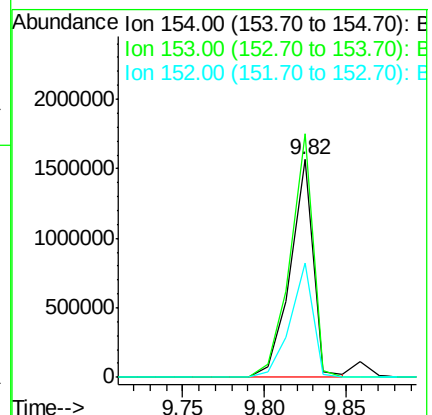
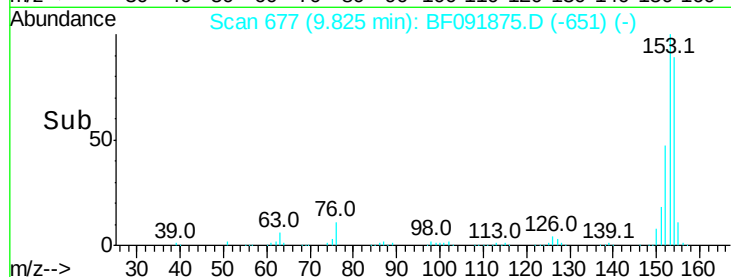
154 100

153 112.0 88.6 133.0

152 52.3 41.6 62.4



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



#52

3-Nitroaniline

Concen: 45.20 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

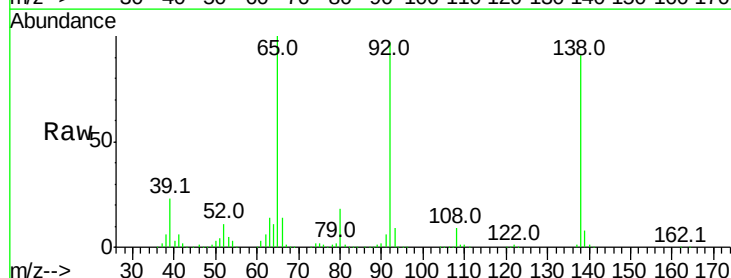
Tgt Ion:138 Resp: 591719

Ion Ratio Lower Upper

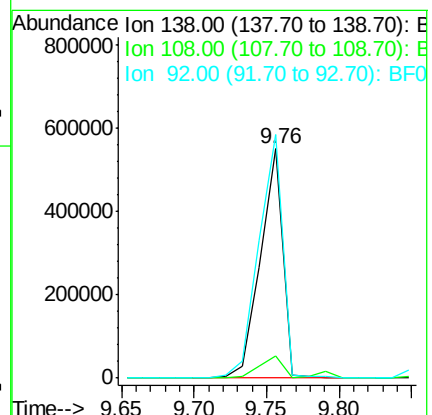
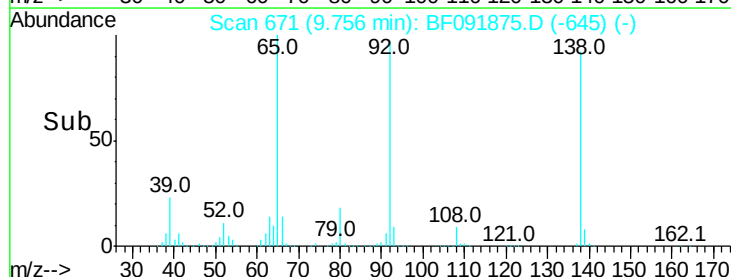
138 100

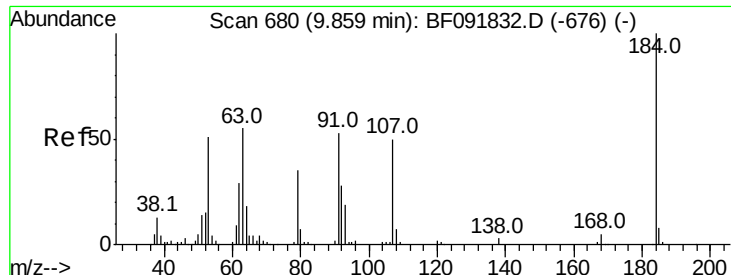
108 9.4 8.5 12.7

92 106.1 97.8 146.8



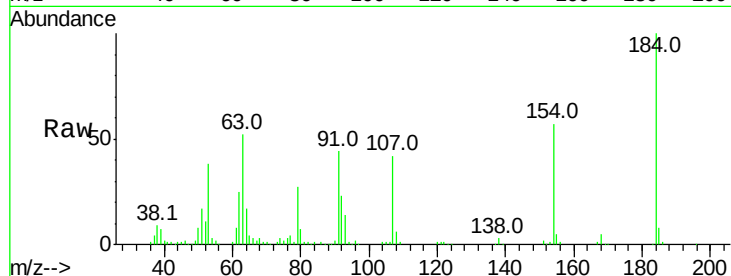
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



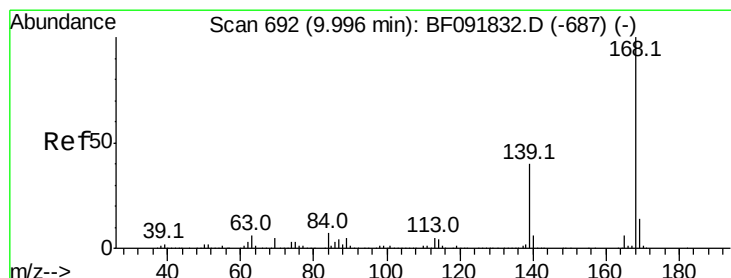
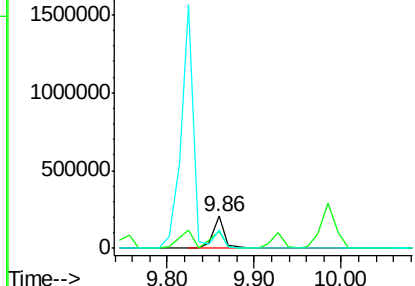
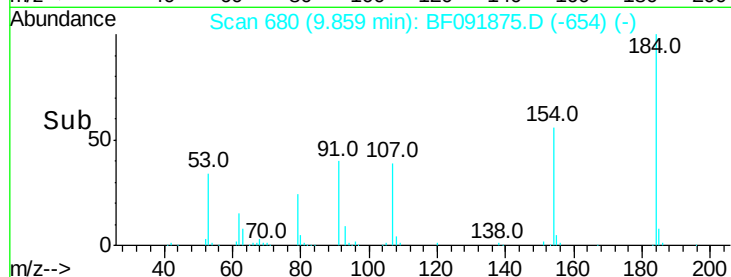


#53
 2,4-Dinitrophenol
 Concen: 33.93 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.5	28.4	42.6
154	56.6	44.3	66.5

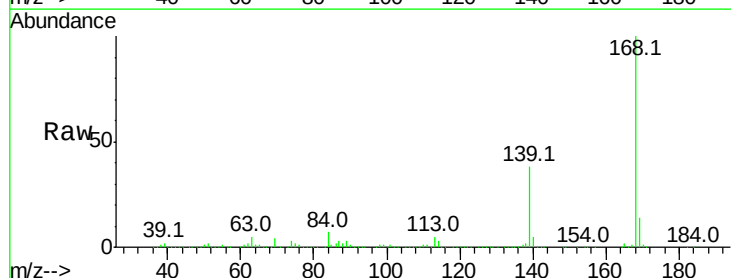


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

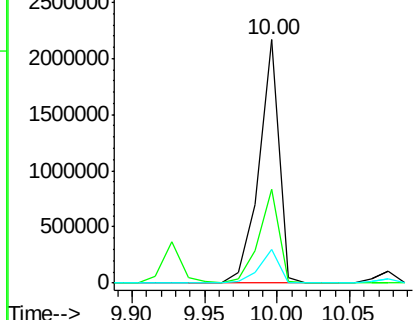
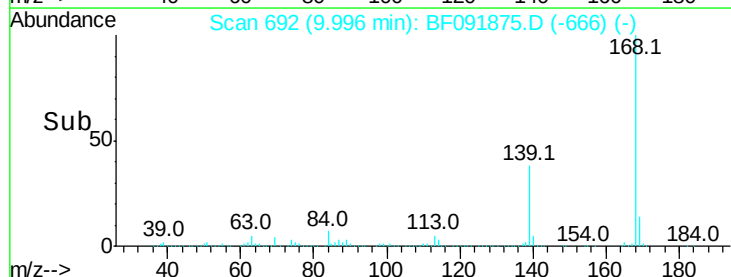


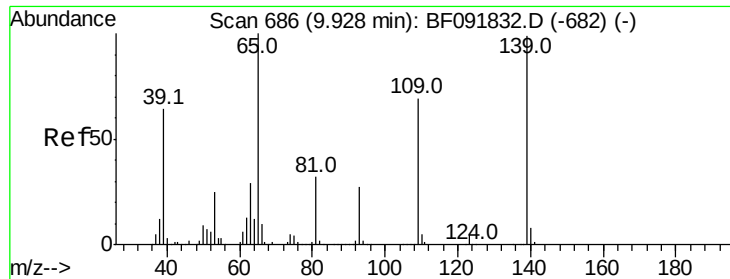
#54
 Dibenzofuran
 Concen: 35.86 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.6	49.0
169	14.0	11.3	16.9



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





#55

4-Nitrophenol

Concen: 38.42 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

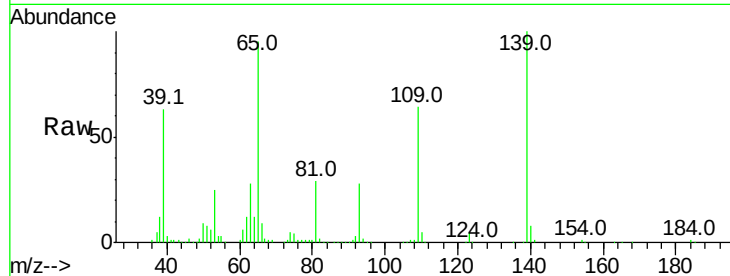
Tot Ion:139 Resp: 341432

Ion Ratio Lower Upper

139 100

109 63.6 52.2 92.2

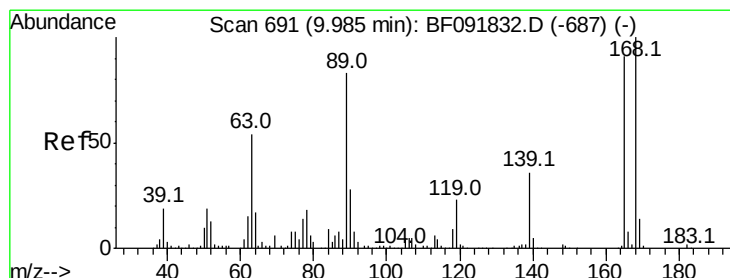
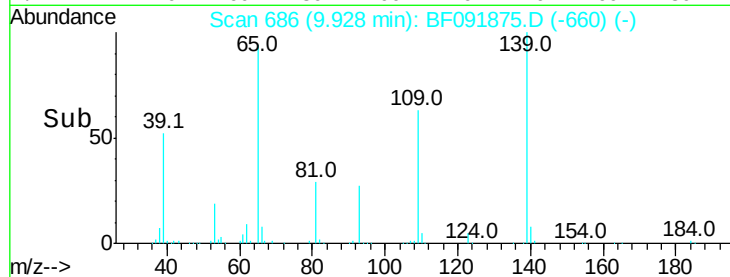
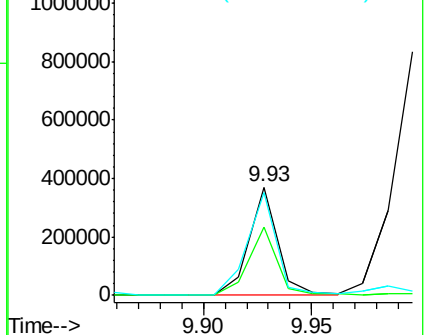
65 95.2 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.32 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:165 Resp: 482234

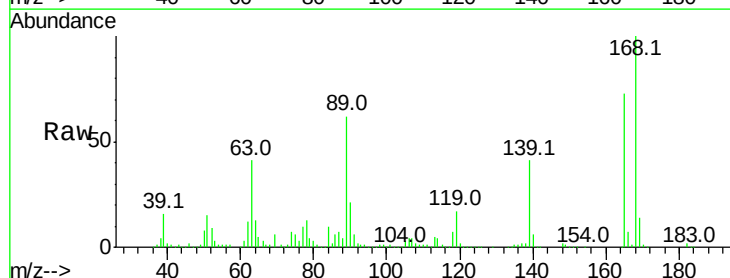
Ion Ratio Lower Upper

165 100

63 56.0 40.2 60.4

89 85.4 62.5 93.7

182 2.2 1.8 2.8

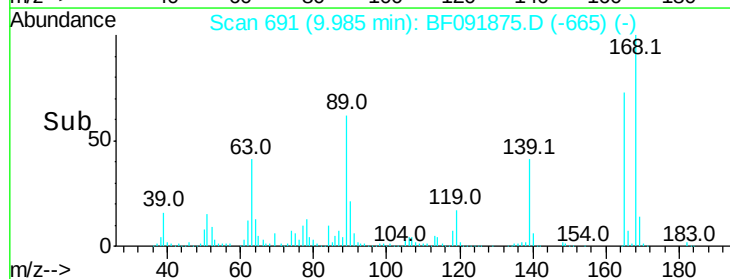
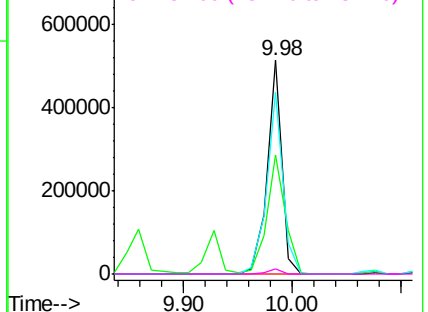


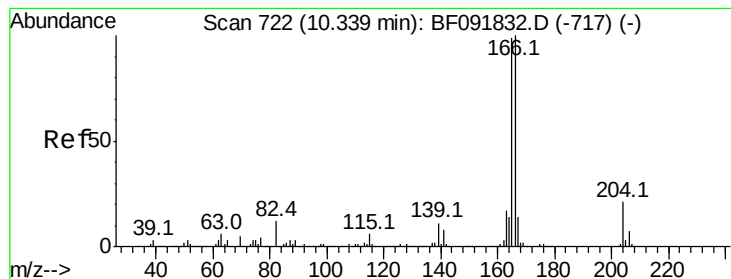
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.94 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

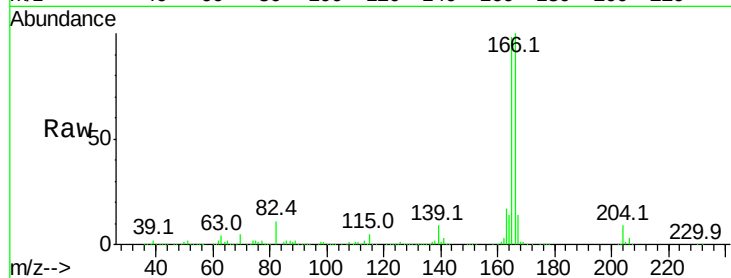
Tot Ion:166 Resp: 1634253

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

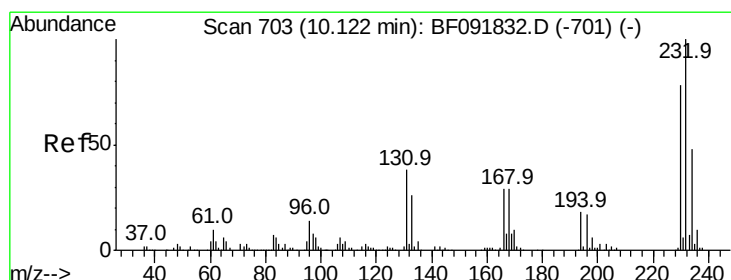
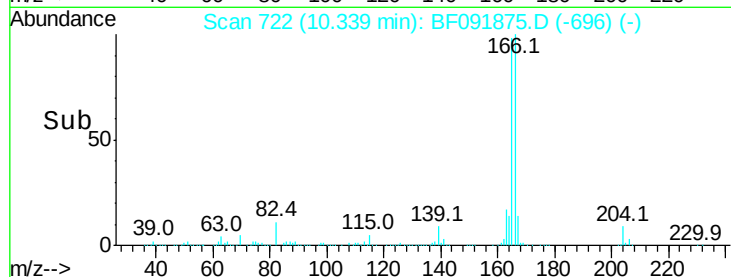
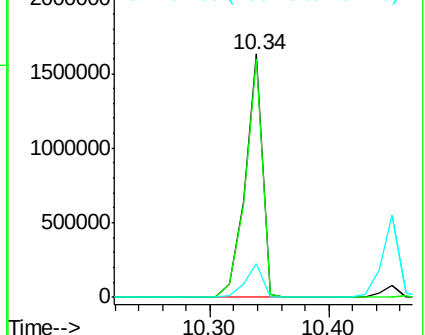
167 13.6 10.8 16.2



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: 38.38 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:232 Resp: 417053

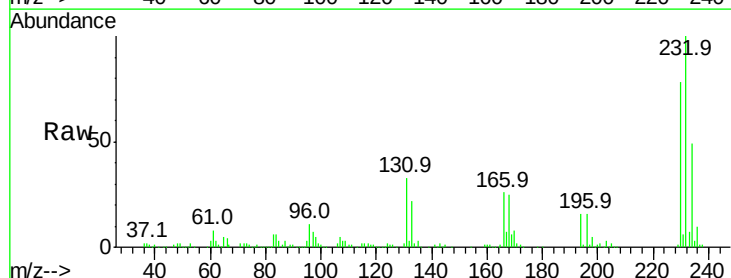
Ion Ratio Lower Upper

232 100

131 47.6 40.1 60.1

130 2.0 1.8 2.8

166 31.8 26.6 39.8

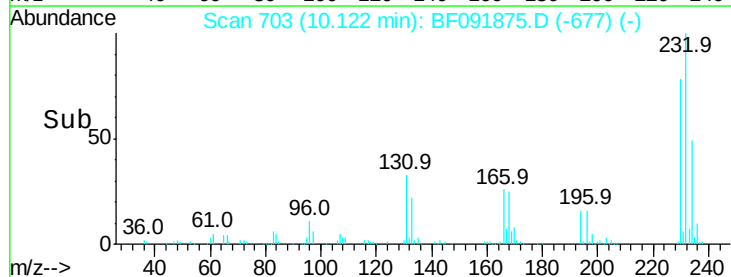
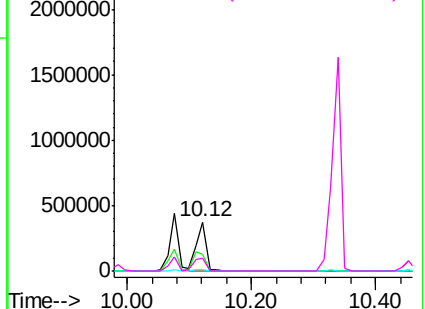


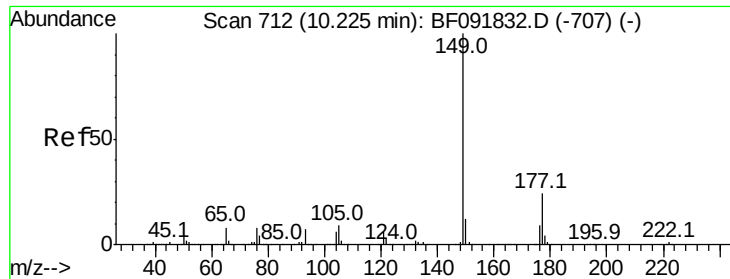
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

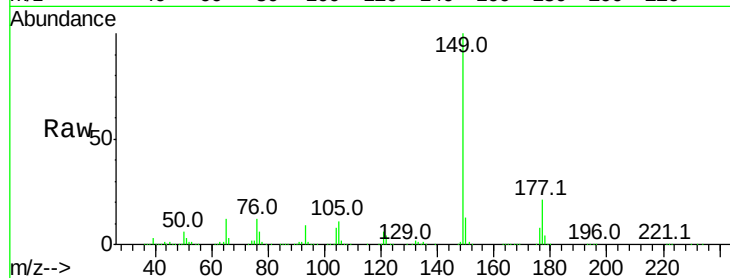
Ion 166.00 (165.70 to 166.70): E



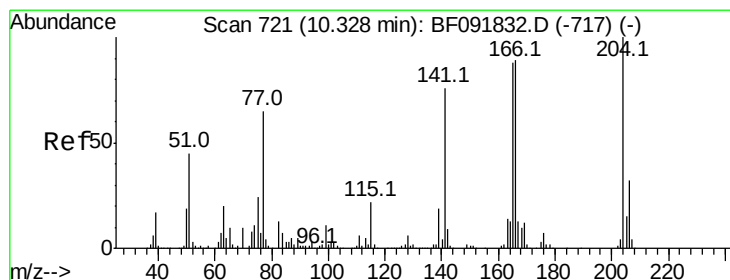
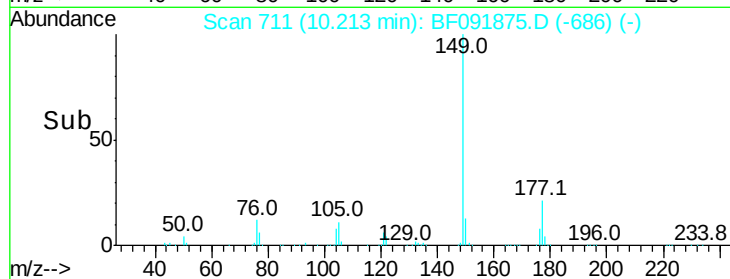
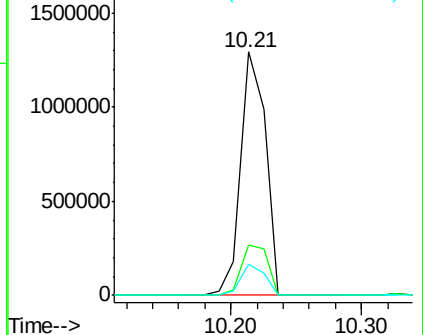


#59
Diethylphthalate
Concen: 36.28 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:149 Resp: 1702573
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.7 10.4 15.6

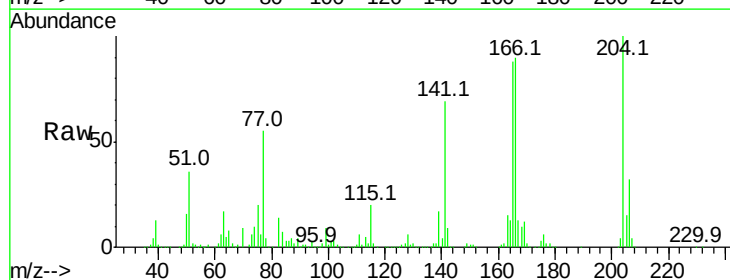


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

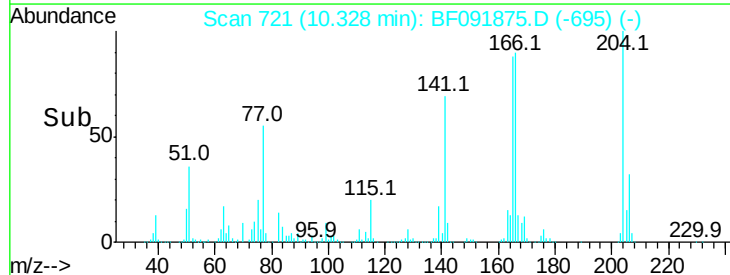
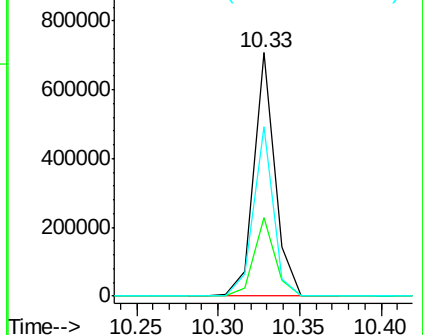


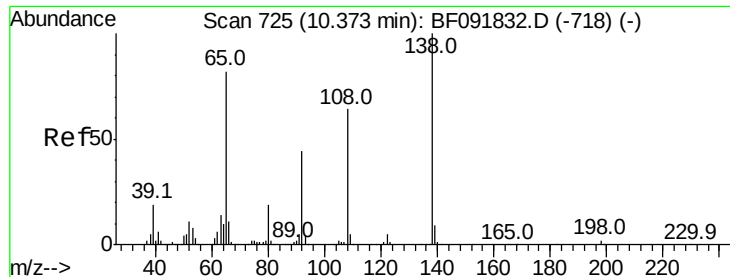
#60
4-Chlorophenyl-phenylether
Concen: 34.58 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:204 Resp: 635456
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 69.4 59.4 89.0



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





#61

4-Nitroaniline

Concen: 37.88 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

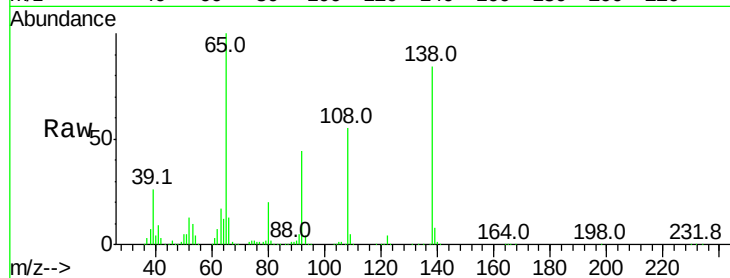
Tot Ion:138 Resp: 513879

Ion Ratio Lower Upper

138 100

92 52.7 31.7 71.7

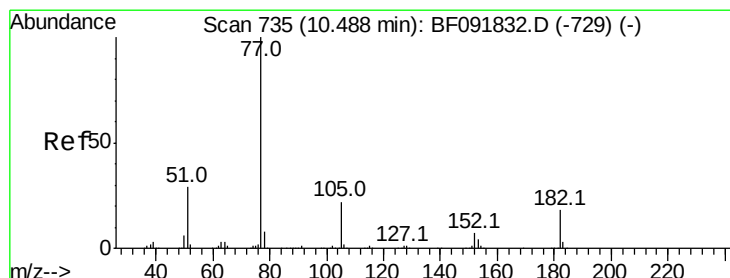
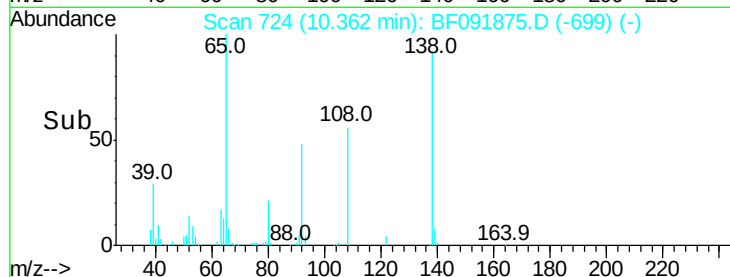
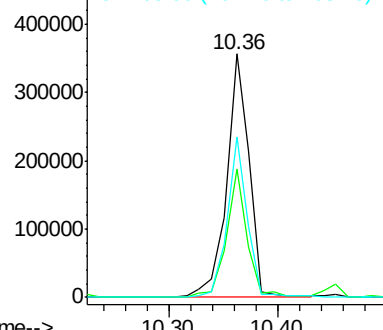
108 65.7 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.71 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion: 77 Resp: 1897047

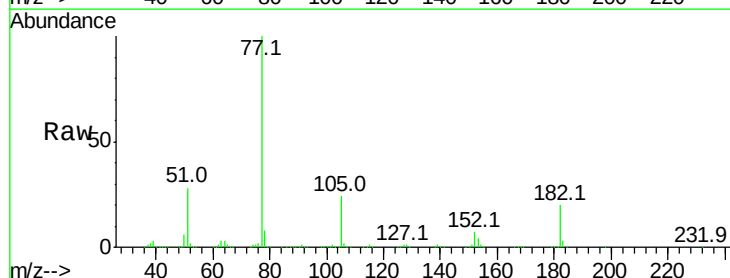
Ion Ratio Lower Upper

77 100

182 19.8 0.0 39.3

105 24.1 2.3 42.3

51 27.6 8.9 48.9

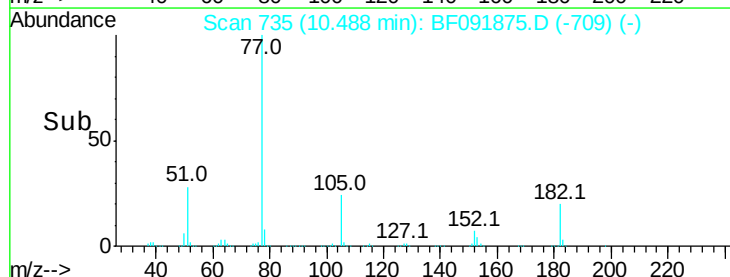
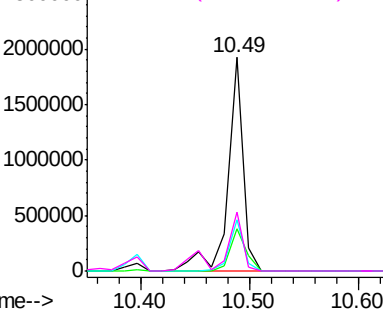


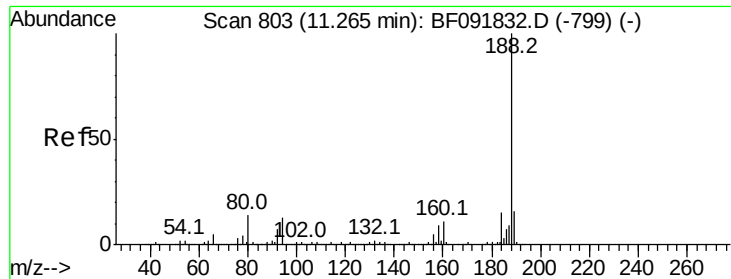
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

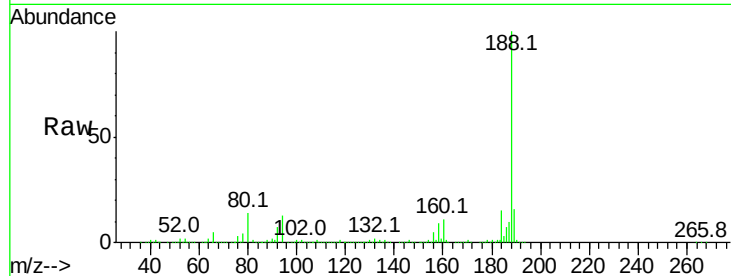




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:188 Resp: 1136701

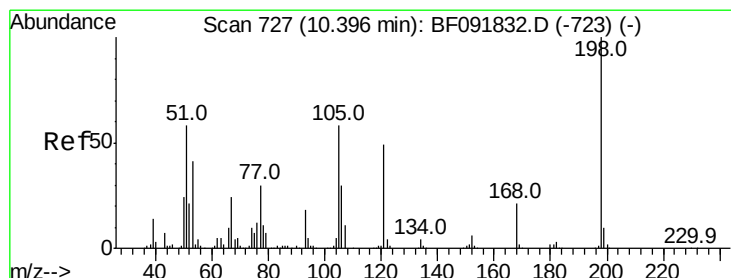
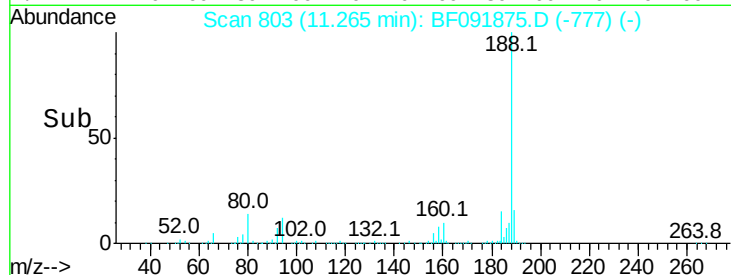
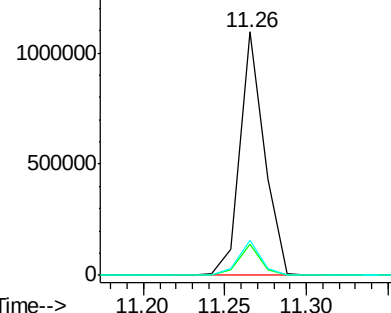
Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.0	15.0
80	14.4	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

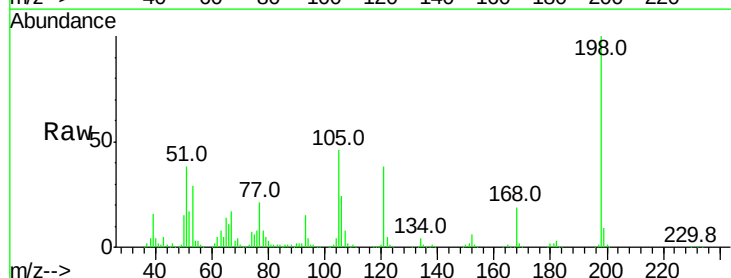
Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 43.19 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:198 Resp: 296892

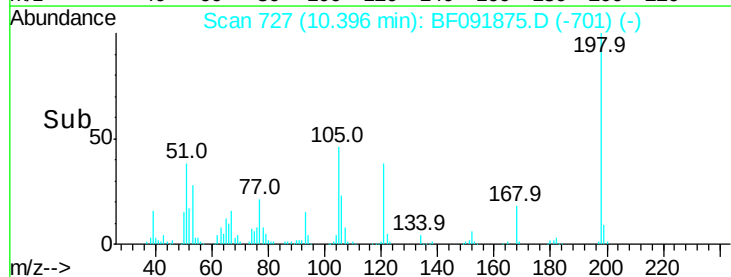
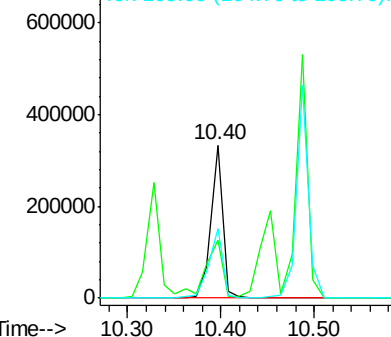
Ion	Ratio	Lower	Upper
198	100		
51	37.7	6.7	46.7
105	45.8	16.6	56.6

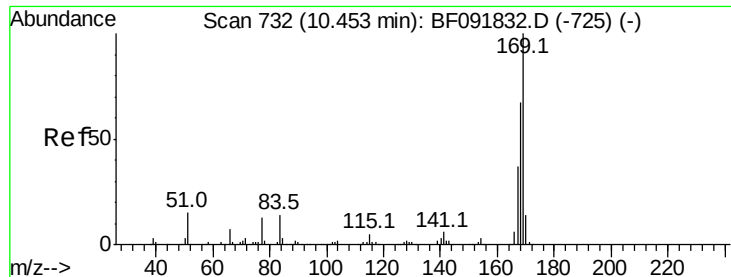


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

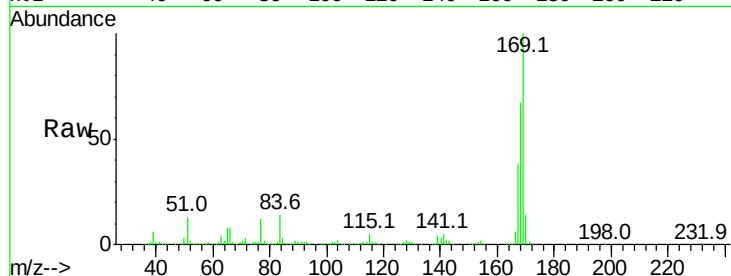




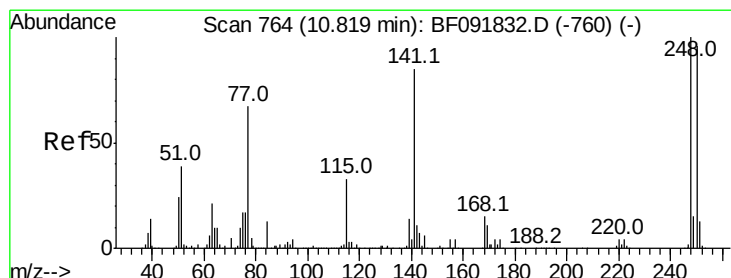
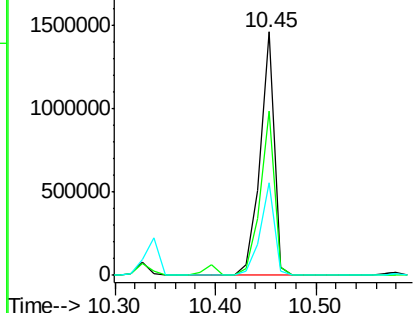
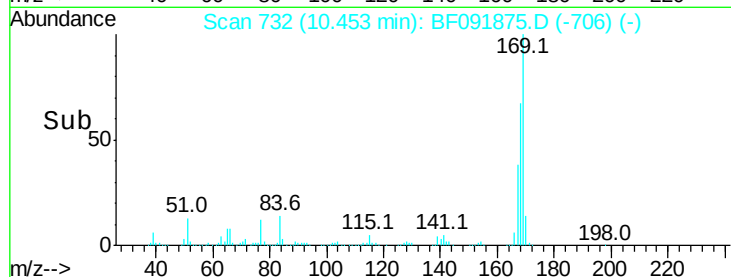
#65
n-Nitrosodiphenylamine
Concen: 42.52 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:169 Resp: 1434158

Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.2	81.2
167	38.0	30.2	45.4



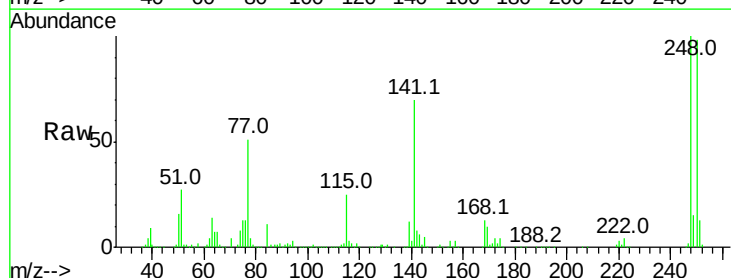
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



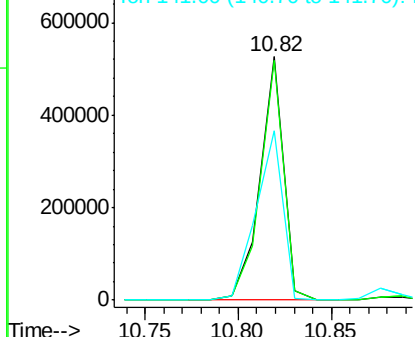
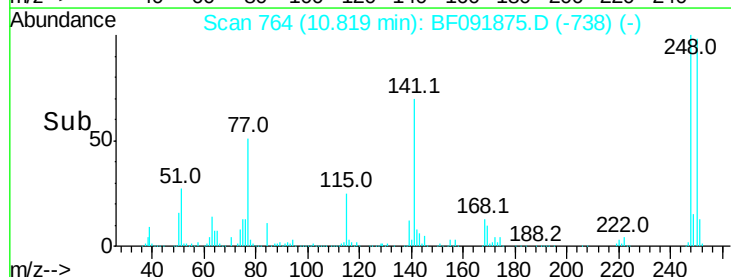
#66
4-Bromophenyl-phenylether
Concen: 39.55 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

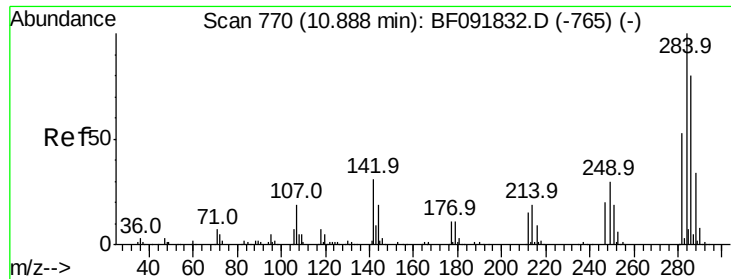
Tgt Ion:248 Resp: 467660

Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	69.8	68.2	102.4



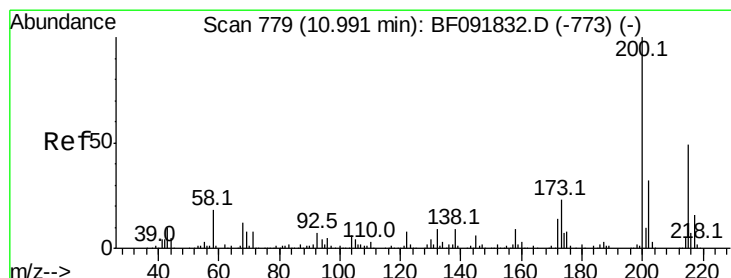
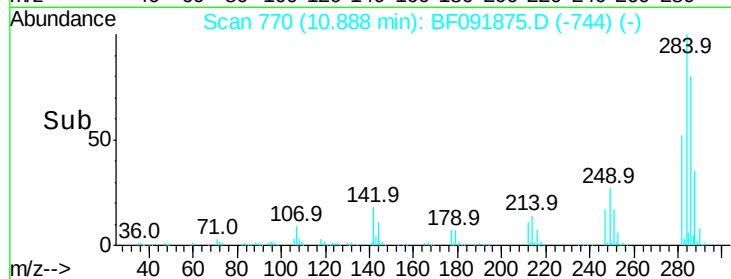
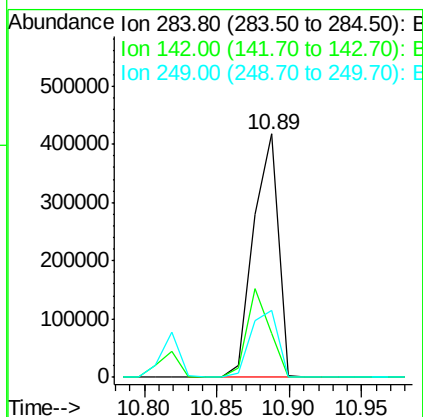
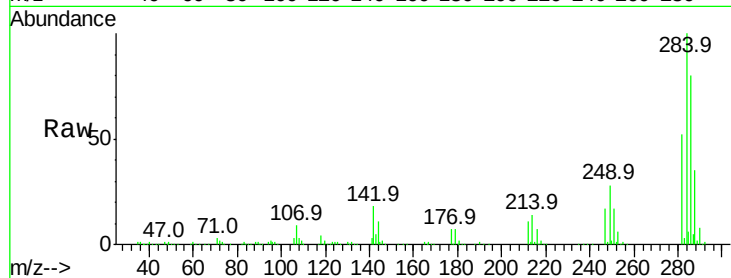
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





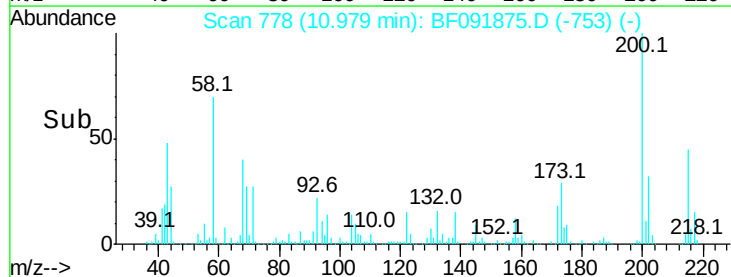
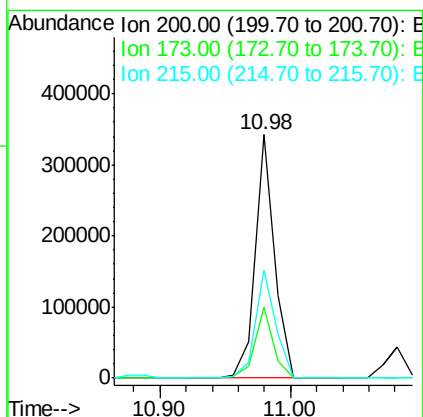
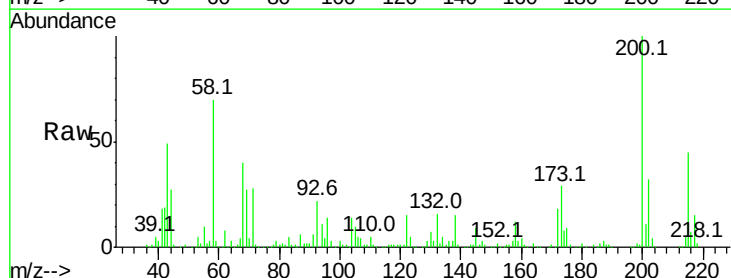
#67
Hexachlorobenzene
Concen: 39.28 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

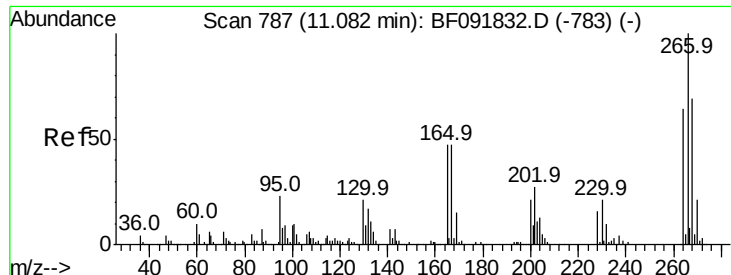
Tot Ion	Ratio	Lower	Upper
284	100		
142	18.1	22.6	33.8#
249	27.5	25.4	38.0



#68
Atrazine
Concen: 32.55 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

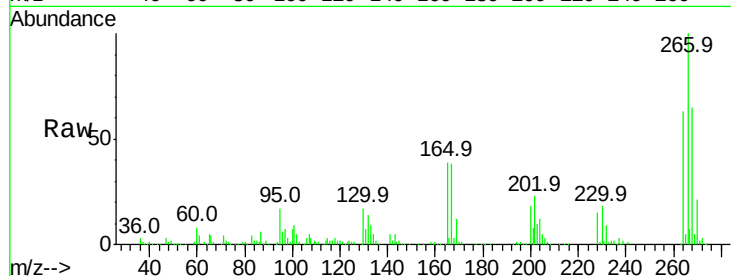
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	9.6	49.6
215	44.5	25.7	65.7



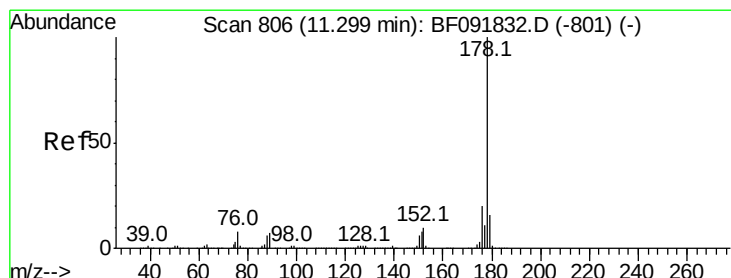
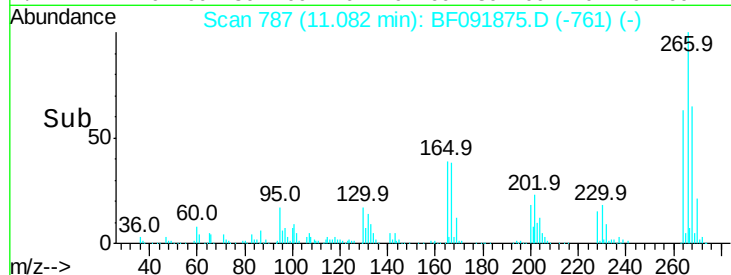
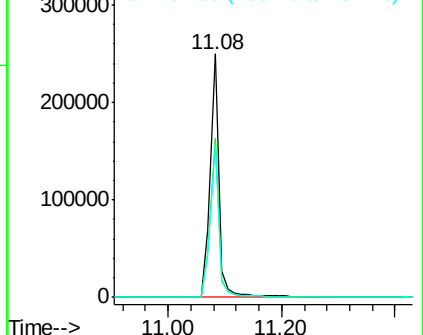


#69
 Pentachlorophenol
 Concen: 42.09 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	53.3	79.9
264	62.6	50.3	75.5

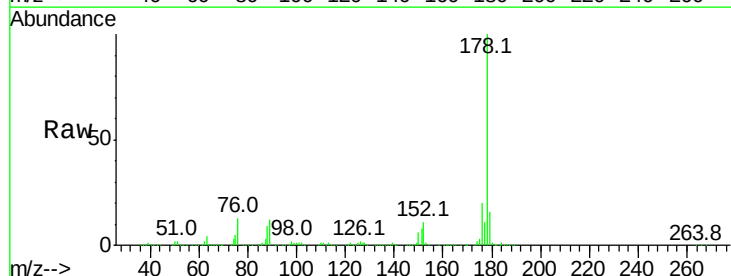


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

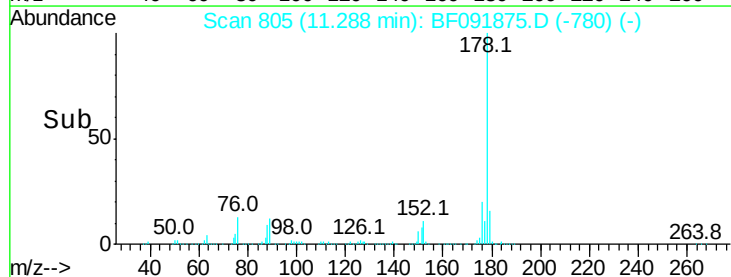
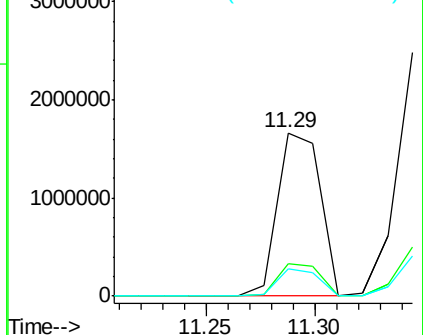


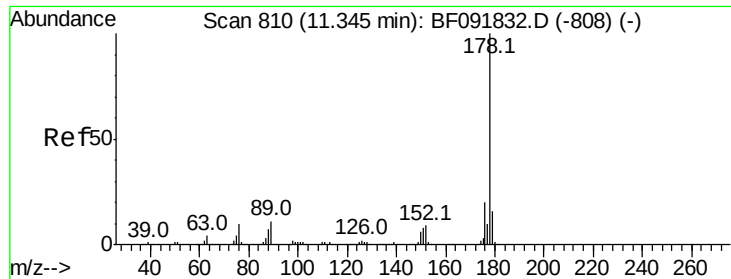
#70
 Phenanthrene
 Concen: 37.37 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	16.4	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

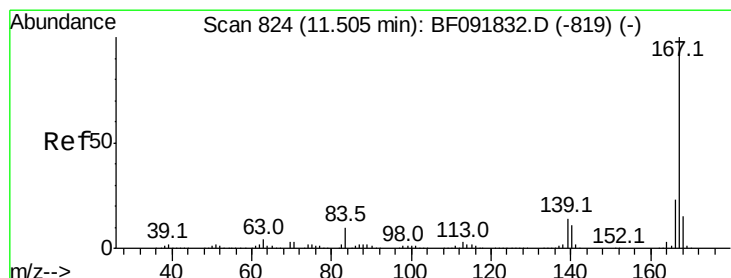
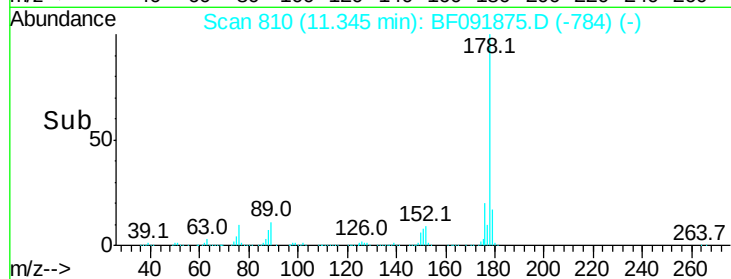
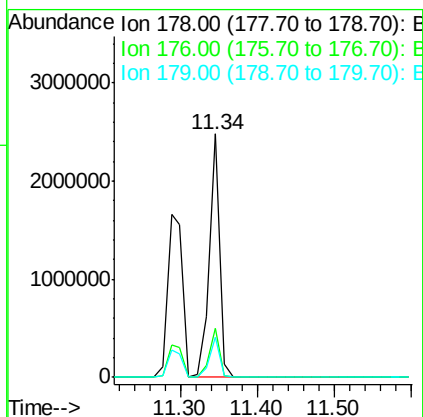
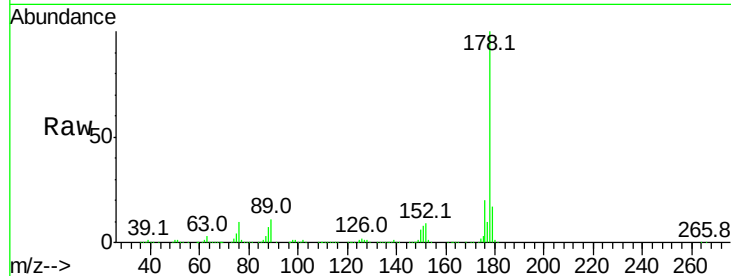




#71
 Anthracene
 Concen: 39.53 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion:178 Resp: 2251376

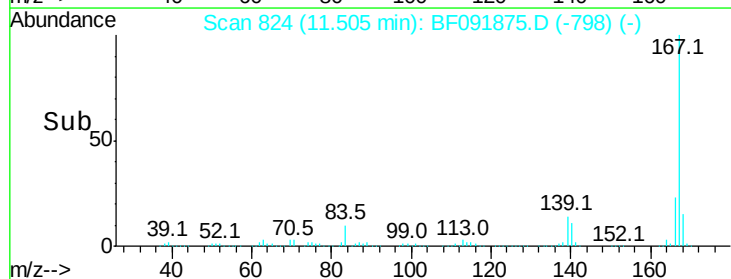
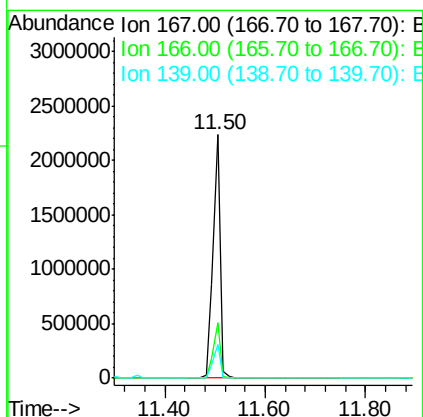
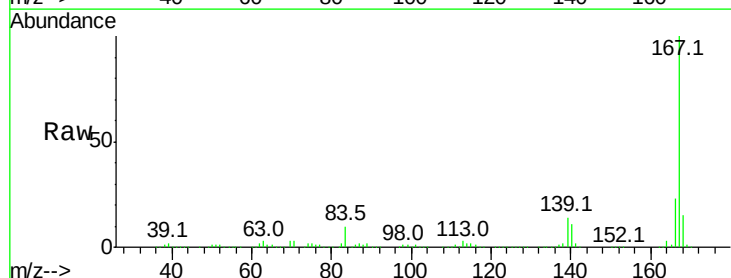
Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.6	13.2	19.8

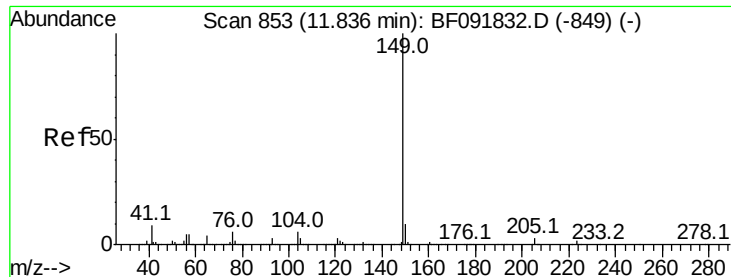


#72
 Carbazole
 Concen: 42.93 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion:167 Resp: 2223870

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.2
139	14.1	11.4	17.2





#73

Di-n-butylphthalate

Concen: 39.76 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

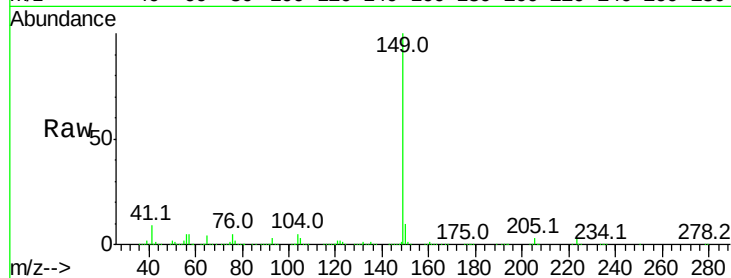
Tot Ion:149 Resp: 2350147

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

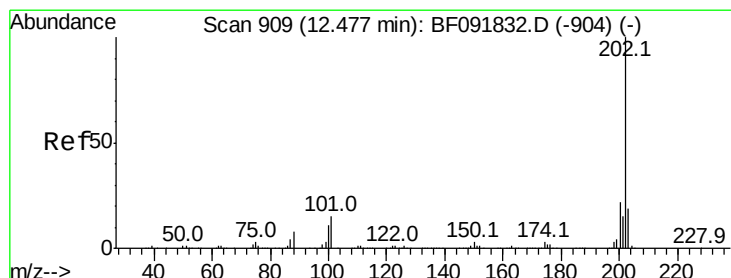
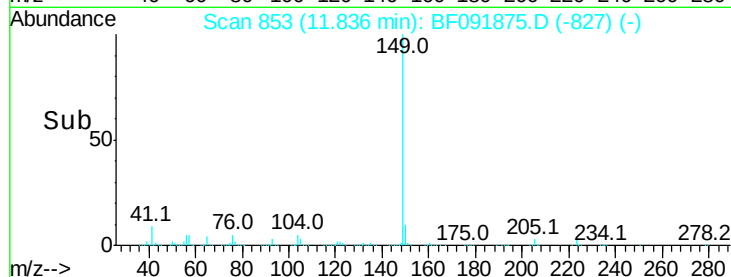
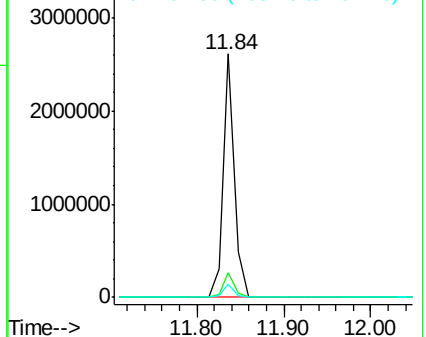
104 5.4 4.6 7.0



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: 40.17 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

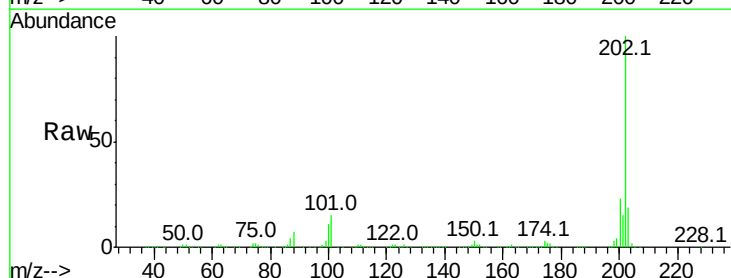
Tgt Ion:202 Resp: 2194440

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

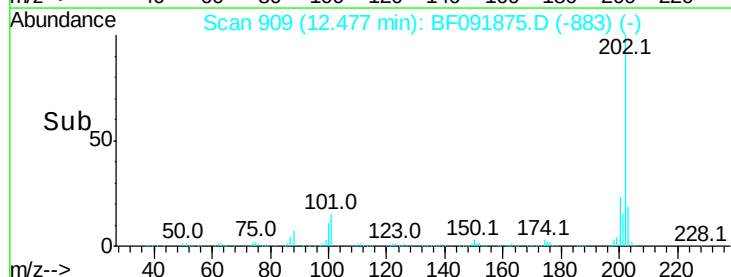
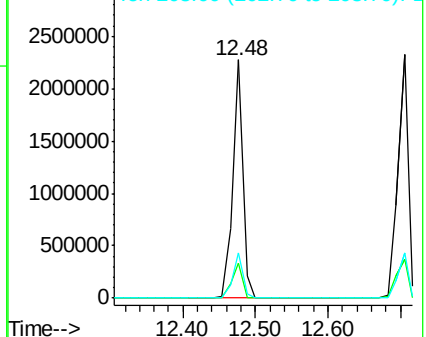
203 18.7 0.0 38.7

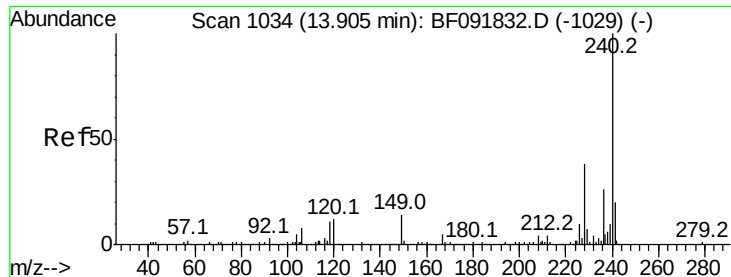


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

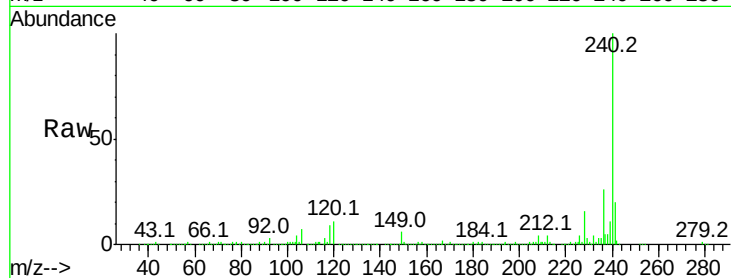
Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tot Ion:240 Resp: 839487

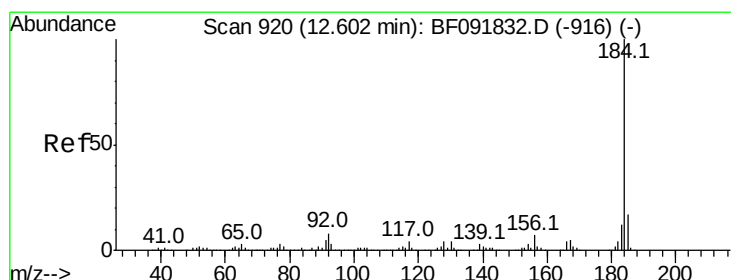
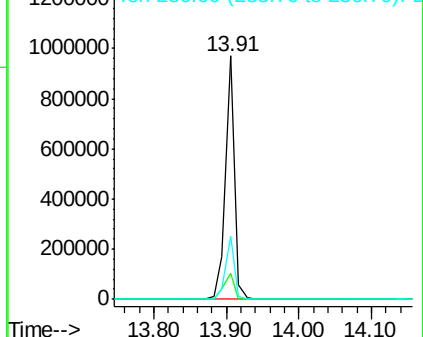
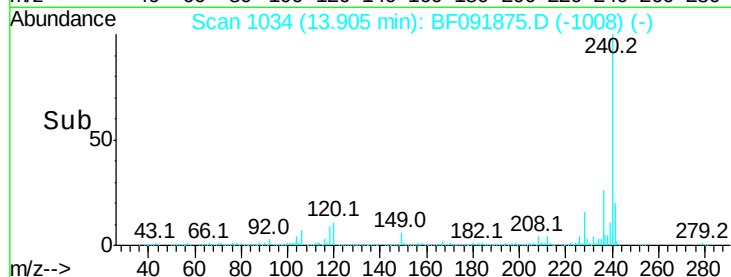
Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.9	19.3#
236	25.8	20.9	31.3



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: 30.72 ng

RT: 12.60 min Scan# 920

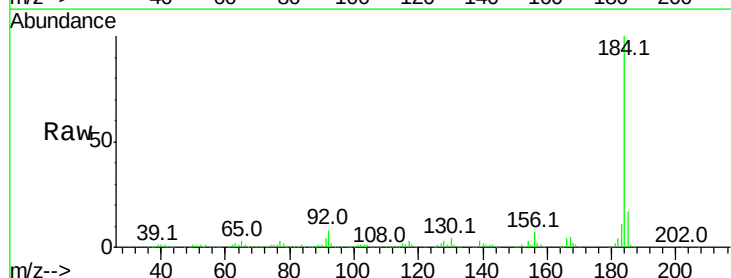
Delta R.T. 0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

Tgt Ion:184 Resp: 710741

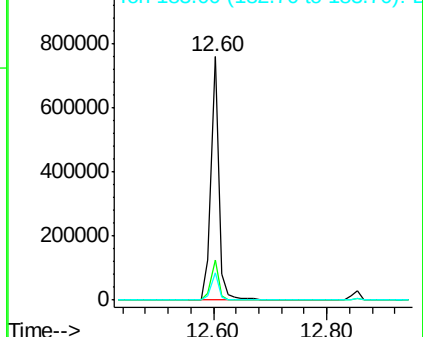
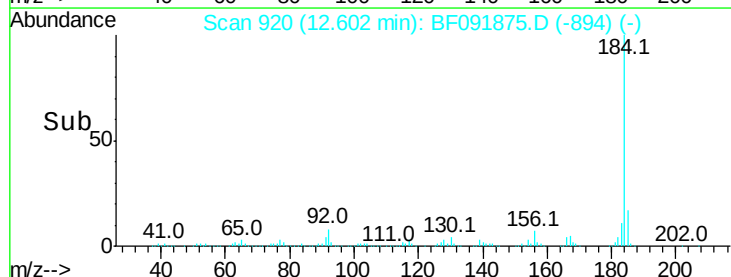
Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.0
183	11.3	9.2	13.8

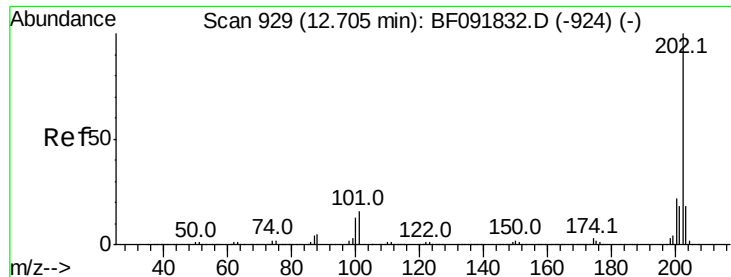


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

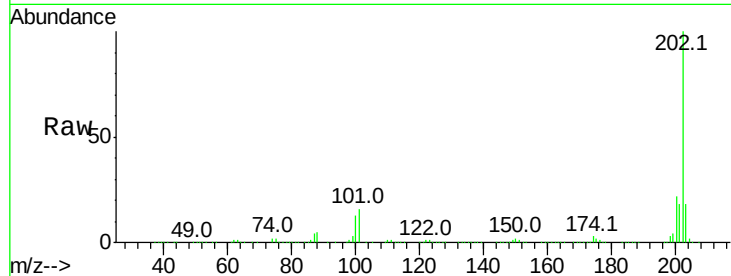




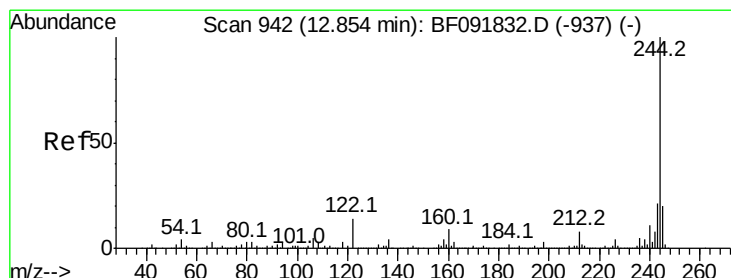
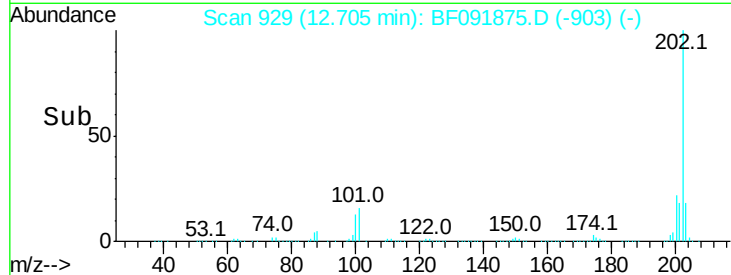
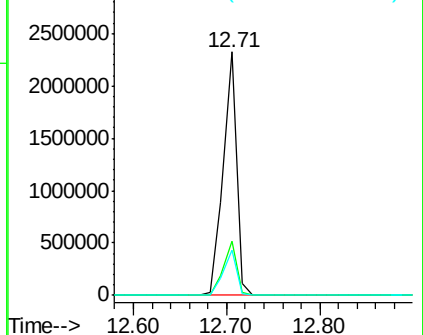
#77
Pvrene
Concen: 37.56 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:202 Resp: 2313696

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.5	14.7	22.1



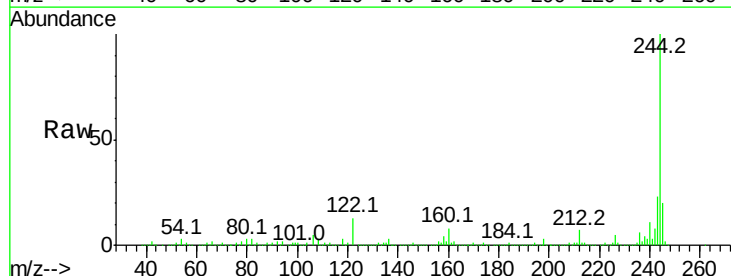
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



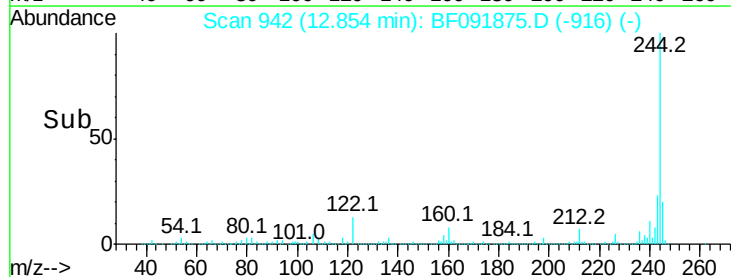
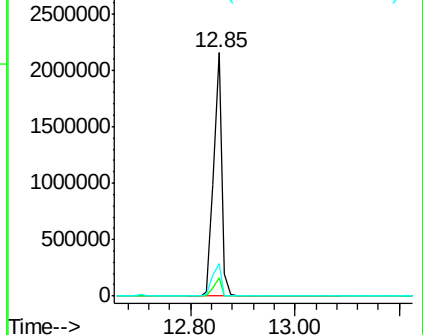
#78
Terphenyl-d14
Concen: 67.42 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

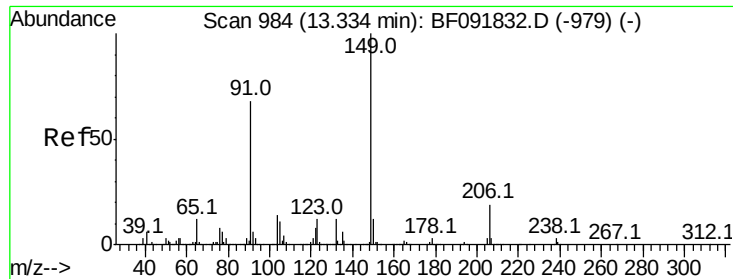
Tgt Ion:244 Resp: 2333750

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	13.4	11.4	17.2



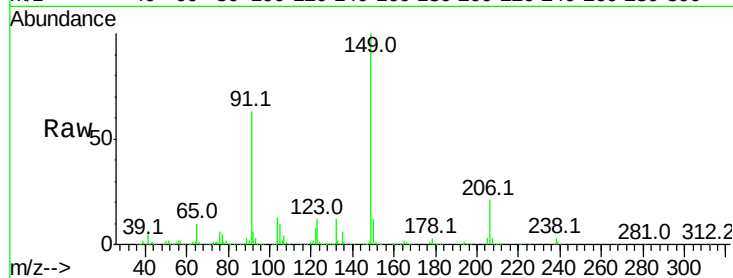
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



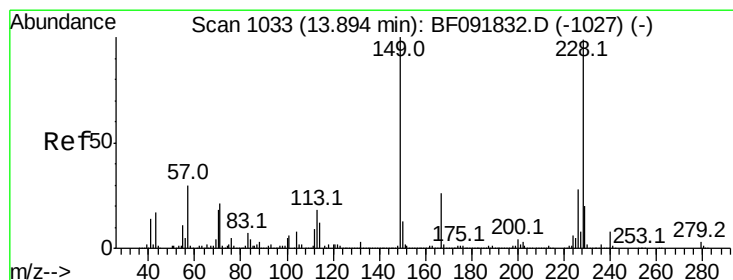
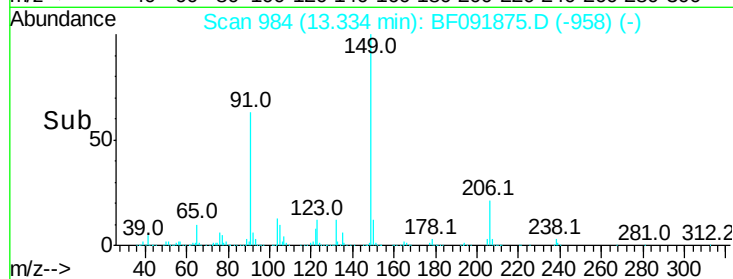
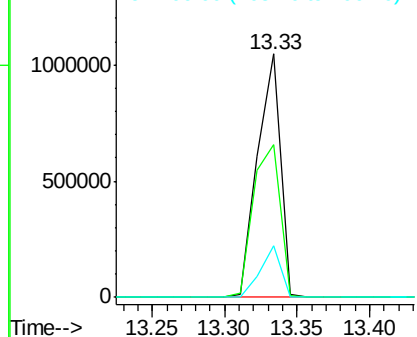


#79
Butylbenzylphthalate
Concen: 41.28 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:149 Resp: 1156273
Ion Ratio Lower Upper
149 100
91 63.0 63.9 95.9#
206 21.4 14.6 21.8

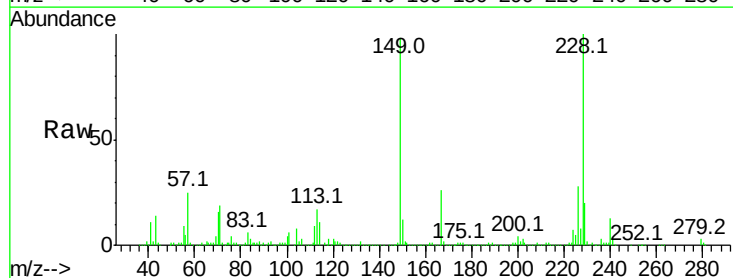


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

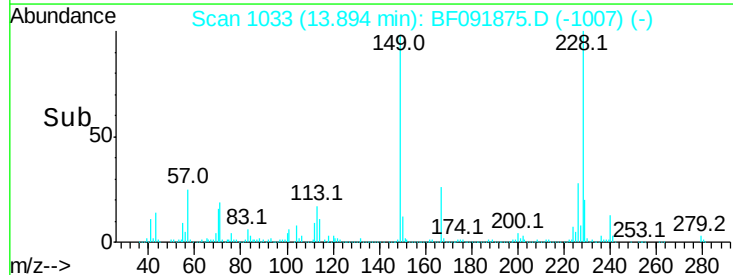
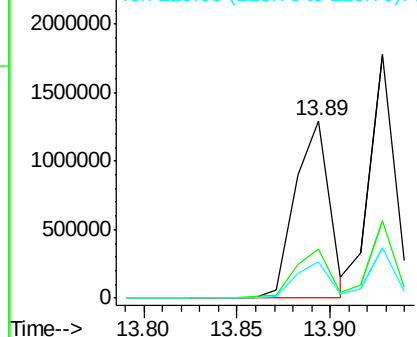


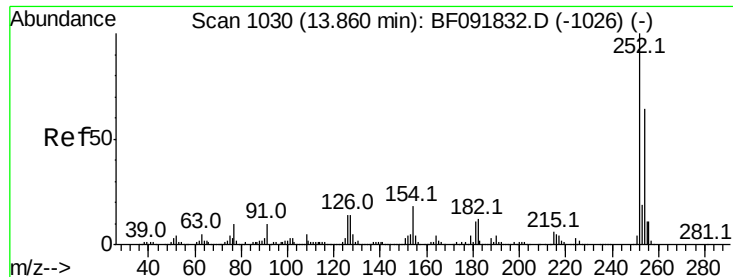
#80
Benzo(a)anthracene
Concen: 34.94 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:228 Resp: 1655615
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.1 16.2 24.4



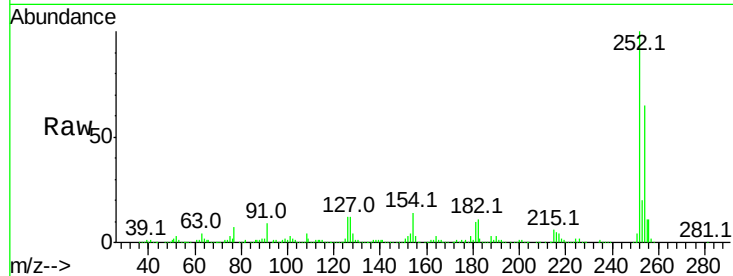
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



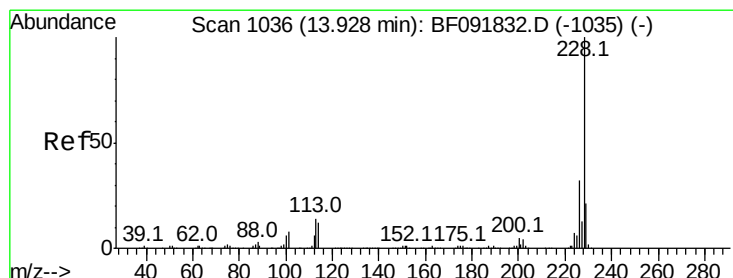
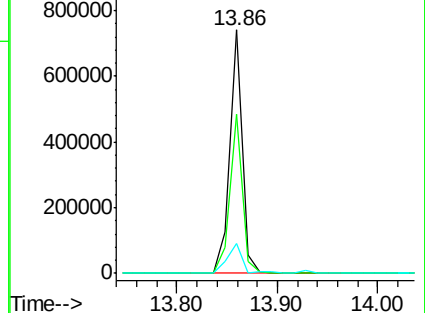
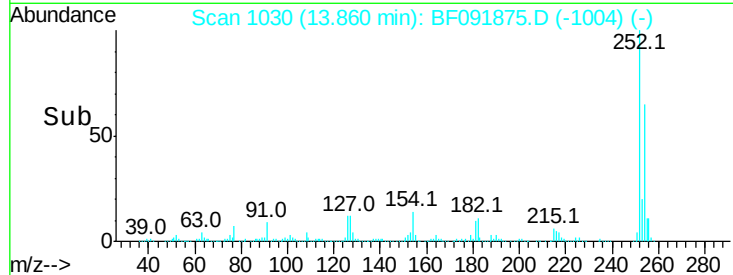


#81
 3,3'-Dichlorobenzidine
 Concen: 35.81 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion:252	Resp:	643427
Ion Ratio	Lower	Upper
252	100	
254	65.3	52.3 78.5
126	12.5	13.6 20.4#

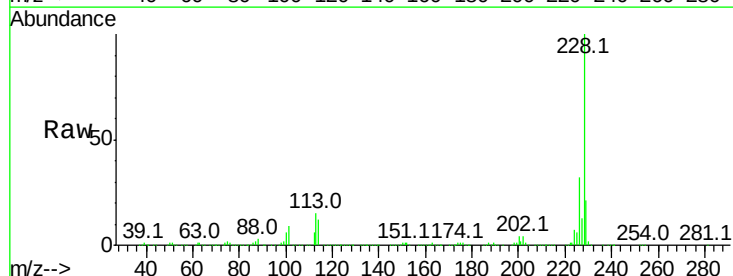


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

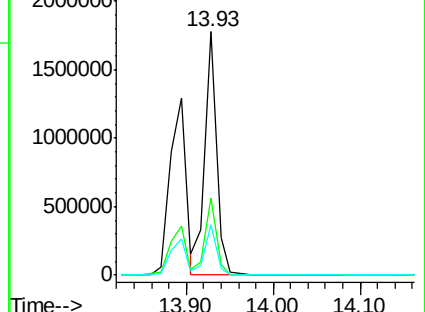
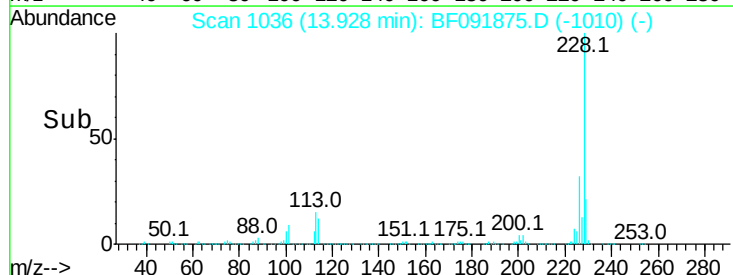


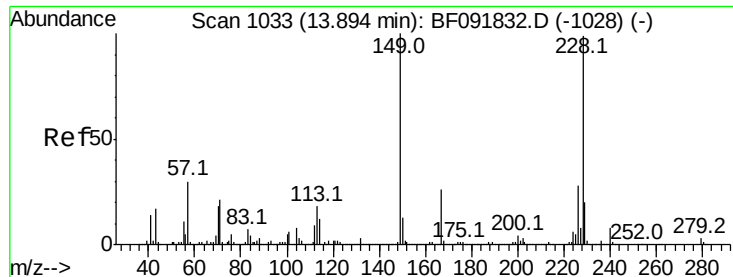
#82
 Chrysene
 Concen: 34.97 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion:228	Resp:	1662398
Ion Ratio	Lower	Upper
228	100	
226	31.8	25.4 38.0
229	20.6	16.2 24.2



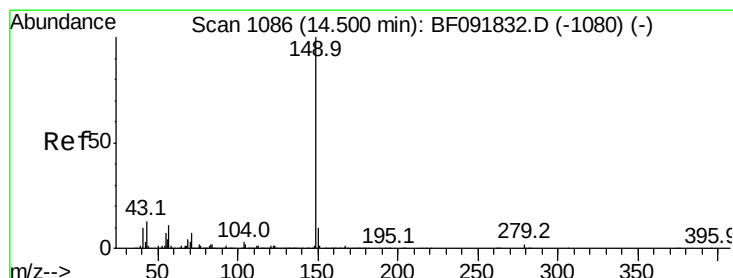
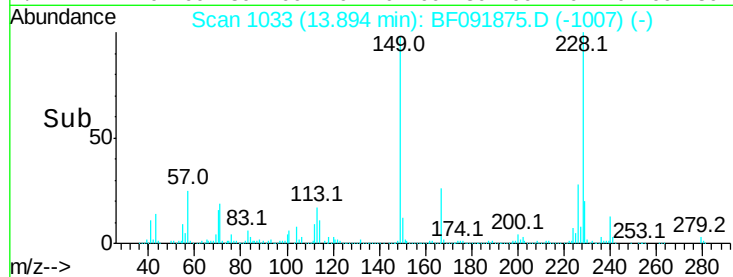
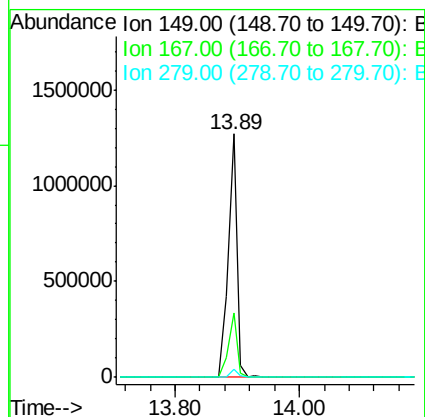
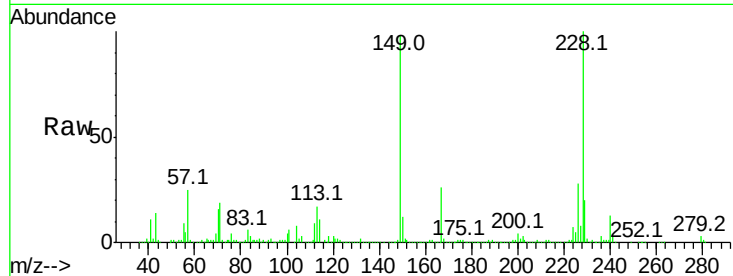
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





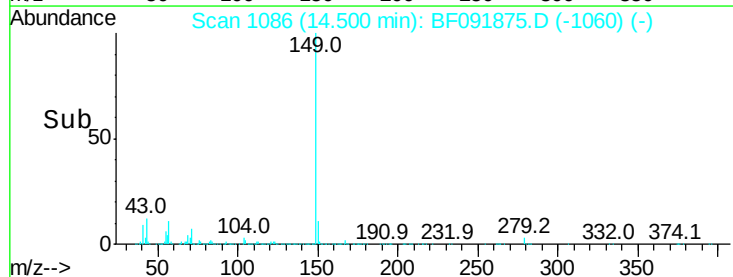
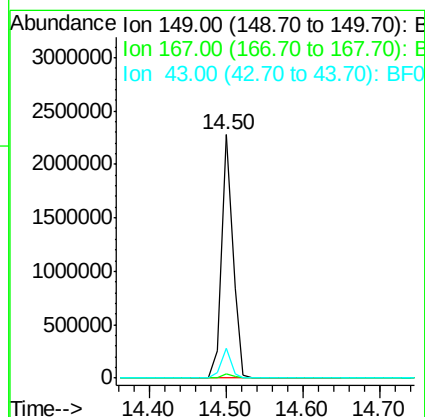
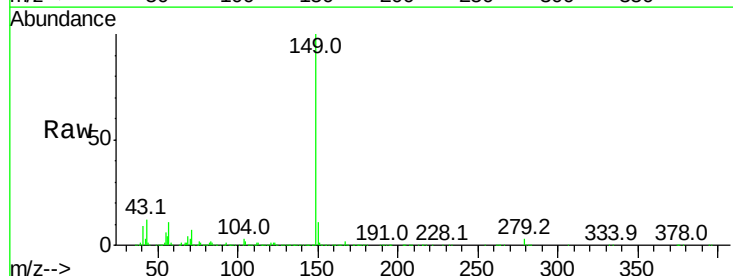
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.15 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

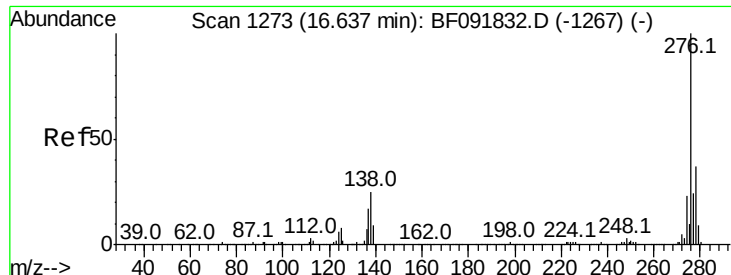
Tot Ion:149 Resp: 1225535
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 3.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 38.54 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

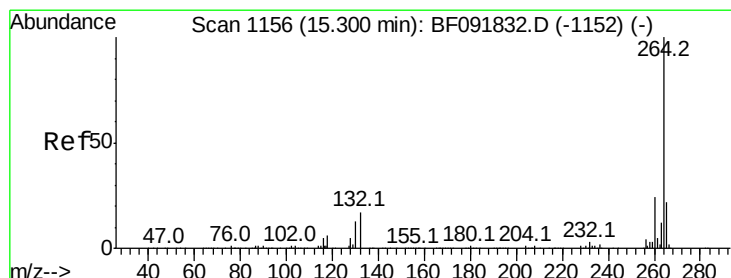
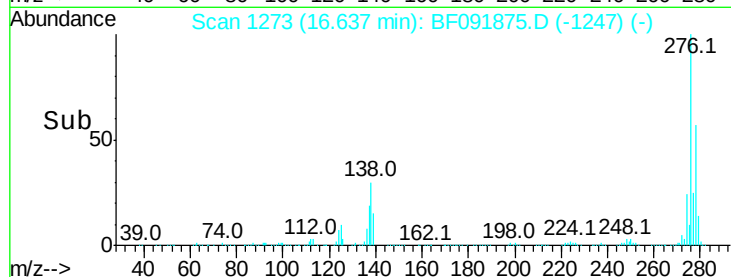
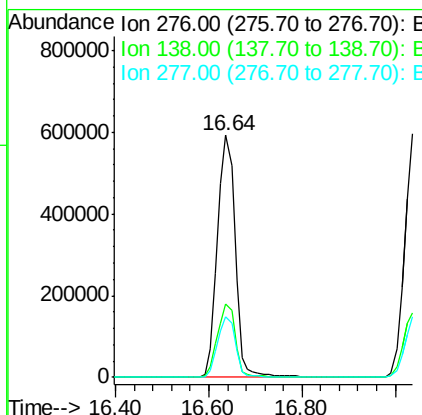
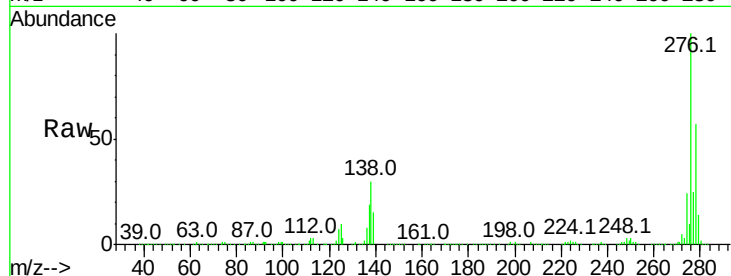
Tgt Ion:149 Resp: 2355156
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.1 8.9 13.3





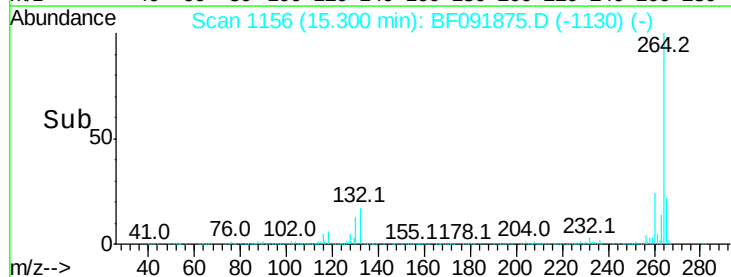
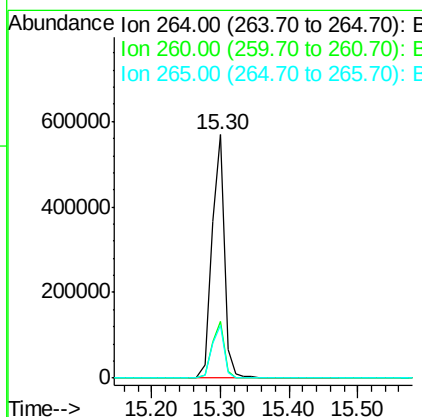
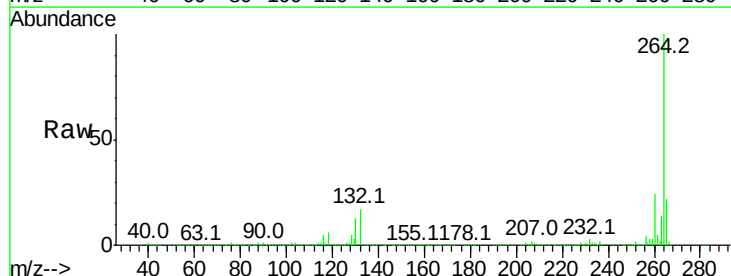
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.20 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

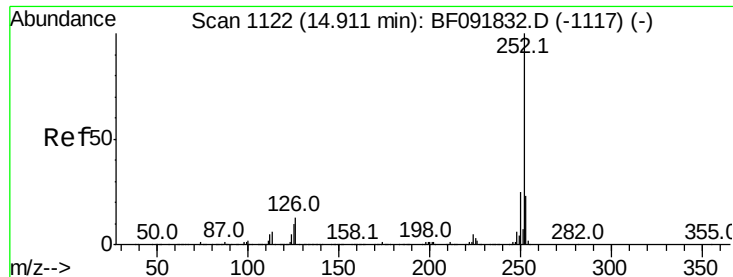
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	21.8	32.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 71.30 ng

RT: 14.93 min Scan# 1124

Delta R.T. 0.02 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

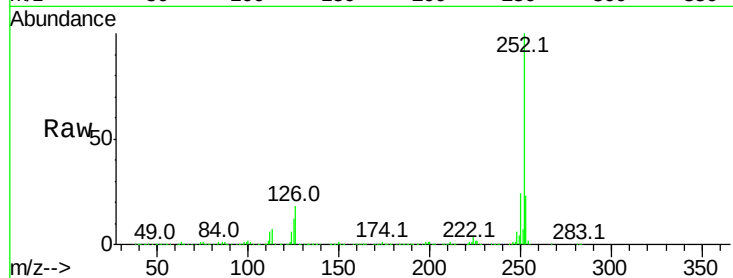
Tot Ion:252 Resp: 3224043

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

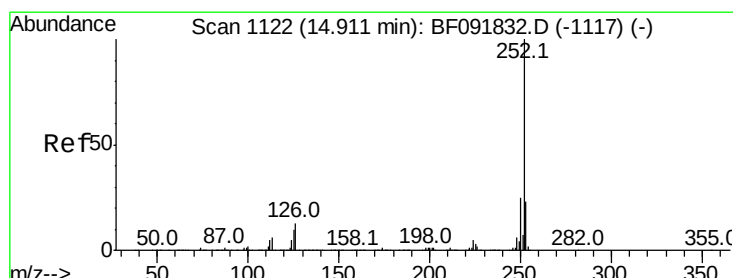
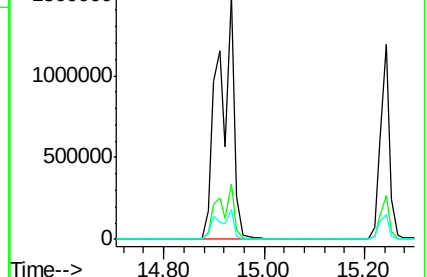
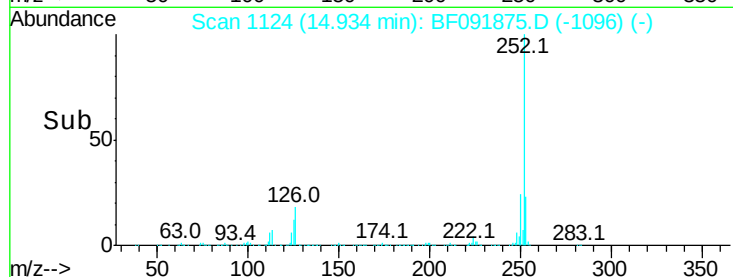
125 12.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.62 ng

RT: 14.93 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF091875.D

Acq: 22 Dec 2016 10:16

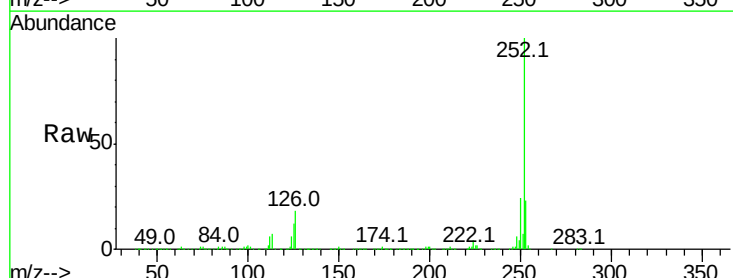
Tgt Ion:252 Resp: 3224043

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

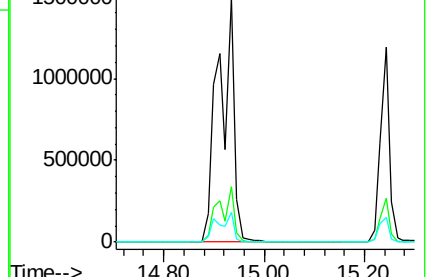
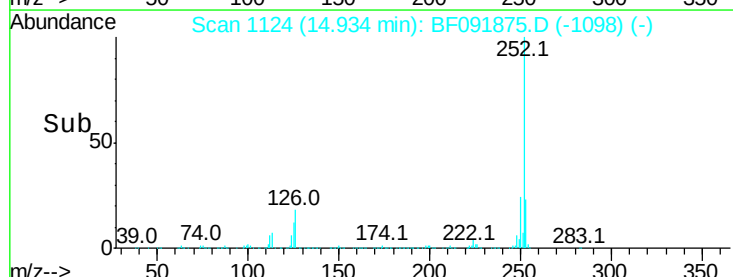
125 12.3 8.9 13.3

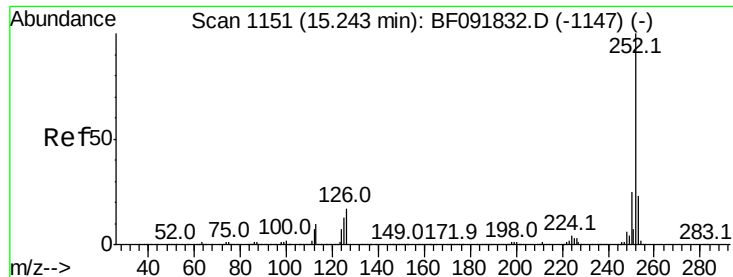


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

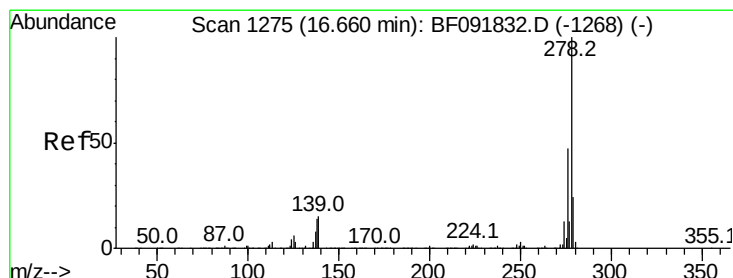
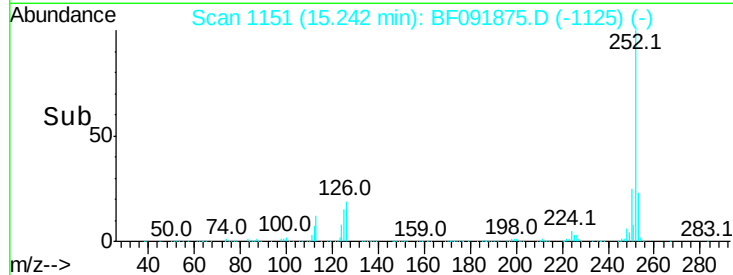
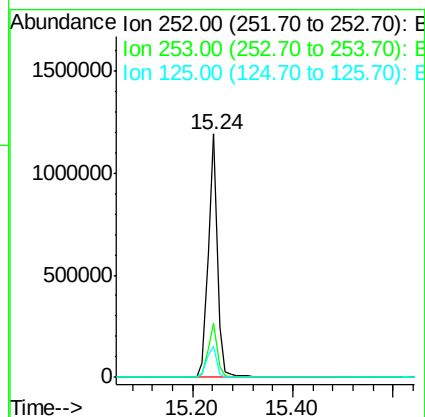
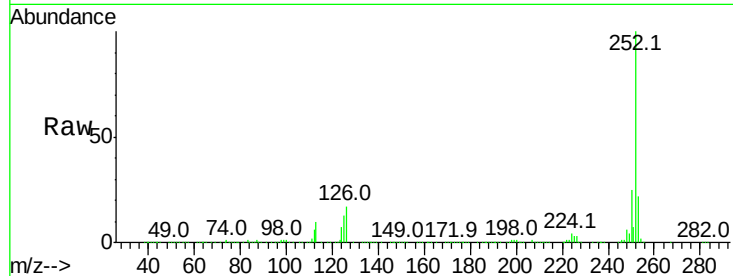




#89
Benzo(a)pyrene
Concen: 37.54 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tot Ion:252 Resp: 1506628

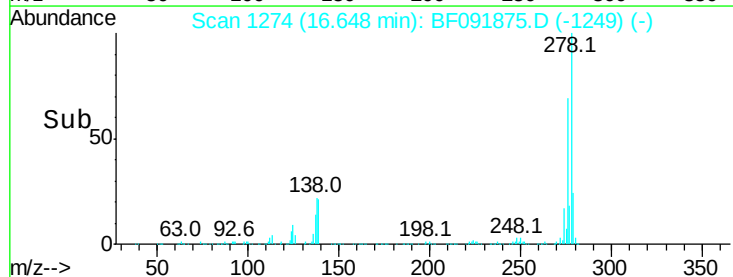
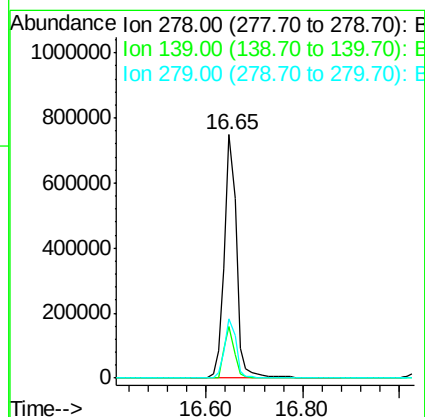
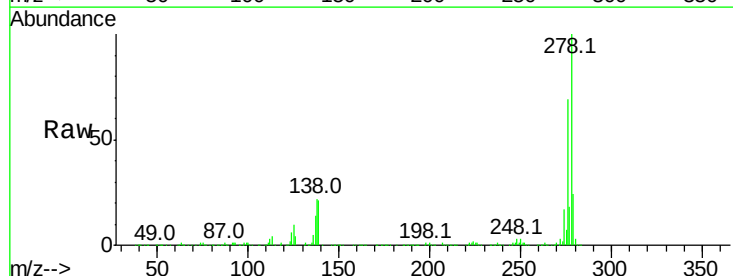
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.7	10.0	15.0

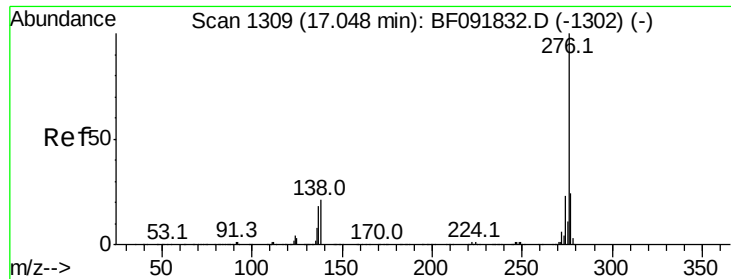


#90
Dibenzo(a,h)anthracene
Concen: 40.24 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091875.D
Acq: 22 Dec 2016 10:16

Tgt Ion:278 Resp: 1327389

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	24.2	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.43 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091875.D
 Acq: 22 Dec 2016 10:16

Tot Ion: 276 Resp: 1352280

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	26.6	16.0	24.0

