

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091852.D
 Acq On : 21 Dec 2016 23:51
 Operator : UM/SJ
 Sample : PB95527BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 22 03:26:27 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	350043	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1481349	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	771684	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	1200744	20.00	ng	0.00
75) Chrysene-d12	13.90	240	840062	20.00	ng	0.00
86) Perylene-d12	15.30	264	770464	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2324933	110.90	ng	0.02
7) Phenol-d6	6.41	99	3198963	124.98	ng	0.00
23) Nitrobenzene-d5	7.32	82	2231665	83.77	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	672552	105.31	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3239371	86.19	ng	0.00
78) Terphenyl-d14	12.85	244	2540547	73.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	378948	36.72	ng	99
3) Pyridine	3.08	79	1116304	30.99	ng	99
4) n-Nitrosodimethylamine	3.05	42	473633	34.86	ng	96
6) Aniline	6.42	93	339629	10.22	ng	# 1
8) 2-Chlorophenol	6.53	128	884894	37.11	ng	93
9) Benzaldehyde	6.29	77	124599	6.40	ng	93
10) Phenol	6.42	94	1225874	42.03	ng	# 69
11) bis(2-Chloroethyl)ether	6.49	93	908752	39.16	ng	98
12) 1,3-Dichlorobenzene	6.68	146	943960	37.08	ng	# 89
13) 1,4-Dichlorobenzene	6.76	146	918640	35.45	ng	99
14) 1,2-Dichlorobenzene	6.92	146	906626	40.32	ng	98
15) Benzyl Alcohol	6.90	79	705437	35.47	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1355372	39.22	ng	96
17) 2-Methylphenol	7.02	107	850317	44.34	ng	98
18) Hexachloroethane	7.26	117	399533	41.59	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	693387	40.72	ng	96
20) 3+4-Methylphenols	7.17	107	1046291	45.74	ng	92
22) Acetophenone	7.16	105	1418003	38.81	ng	# 96
24) Nitrobenzene	7.33	77	1008877	35.56	ng	98
25) Isophorone	7.58	82	2077452	42.27	ng	98
26) 2-Nitrophenol	7.65	139	556488	39.77	ng	97
27) 2,4-Dimethylphenol	7.70	122	944678	40.71	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	1231481	41.32	ng	100
29) 2,4-Dichlorophenol	7.90	162	868666	44.20	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	863700	40.11	ng	# 94
31) Naphthalene	8.05	128	2704806	39.90	ng	100
32) Benzoic acid	7.85	122	668151	38.82	ng	97
33) 4-Chloroaniline	8.11	127	240219	7.86	ng	96
34) Hexachlorobutadiene	8.18	225	454866	40.02	ng	99
35) Caprolactam	8.49	113	189085	29.28	ng	# 67
36) 4-Chloro-3-methylphenol	8.61	107	969307	42.86	ng	94
37) 2-Methylnaphthalene	8.75	142	1883973	46.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	741426	38.03	ng	99
40) Hexachlorocyclopentadiene	8.90	237	715410	82.27	ng	95

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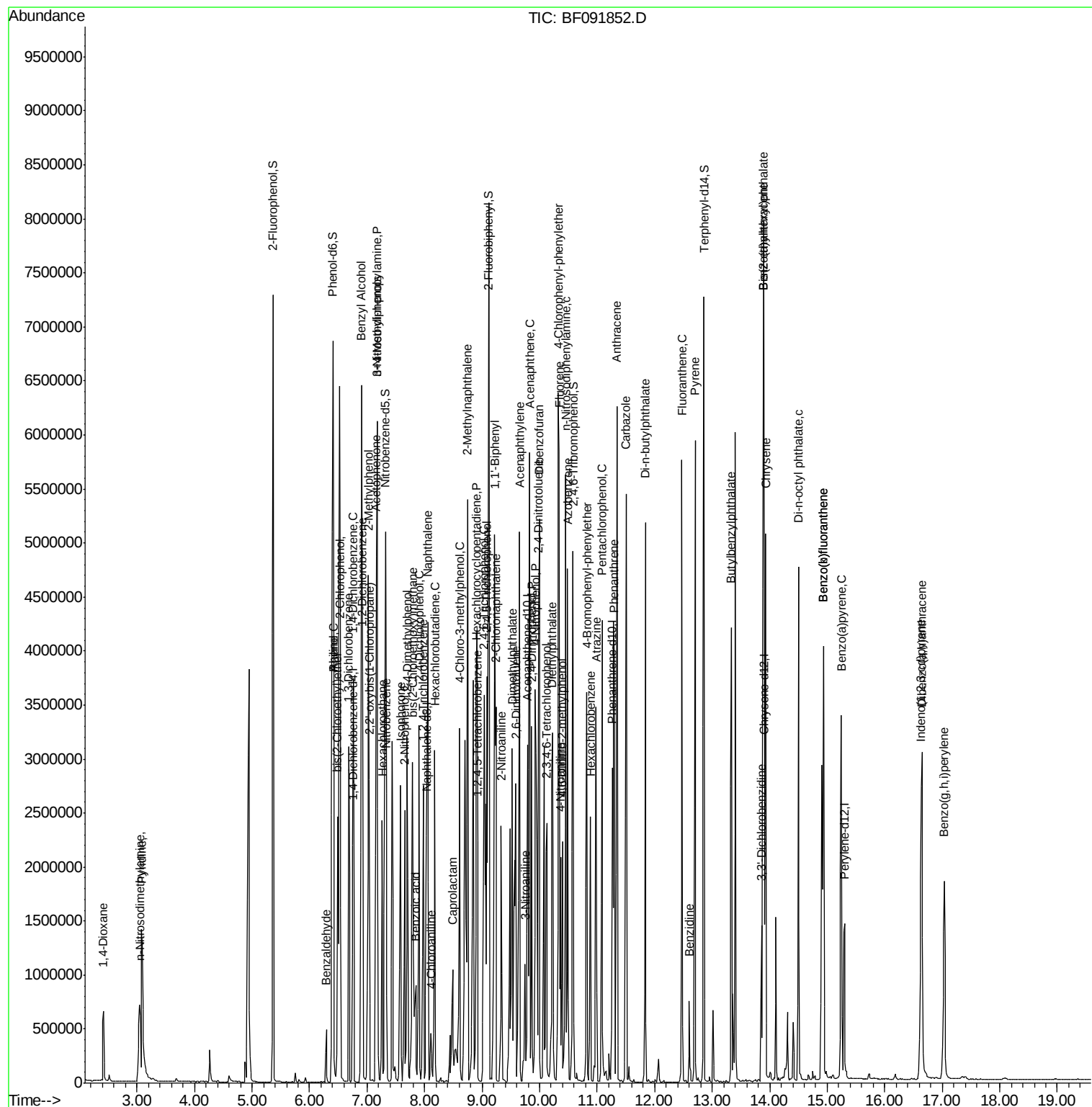
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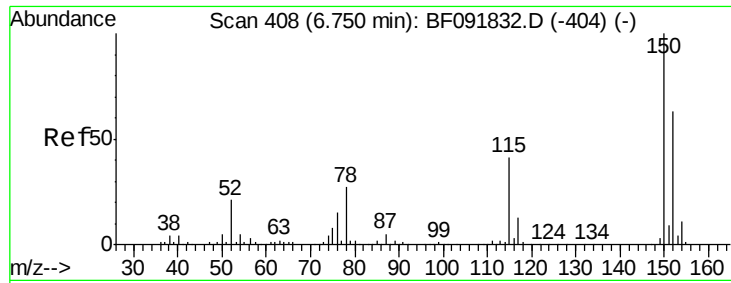
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	597216	43.80	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	516010	36.77	ng	94
45) 1,1'-Biphenyl	9.22	154	2247583	42.54	ng	99
46) 2-Chloronaphthalene	9.24	162	1716704	41.03	ng	99
47) 2-Nitroaniline	9.33	65	529135	35.52	ng	99
48) Acenaphthylene	9.65	152	2635257	40.95	ng	100
49) Dimethylphthalate	9.53	163	2041271	41.36	ng	100
50) 2,6-Dinitrotoluene	9.58	165	504936	46.74	ng	98
51) Acenaphthene	9.82	154	1712310	39.25	ng	99
52) 3-Nitroaniline	9.74	138	175622	13.14	ng	96
53) 2,4-Dinitrophenol	9.86	184	479758	79.82	ng	# 70
54) Dibenzofuran	10.00	168	2223653	37.74	ng	99
55) 4-Nitrophenol	9.93	139	652048	71.83	ng	95
56) 2,4-Dinitrotoluene	9.98	165	516148	38.07	ng	90
57) Fluorene	10.34	166	1779159	41.51	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	441454	39.78	ng	99
59) Diethylphthalate	10.22	149	1883879	39.30	ng	94
60) 4-Chlorophenyl-phenylether	10.33	204	695099	37.03	ng	96
61) 4-Nitroaniline	10.36	138	422379	30.49	ng	95
62) Azobenzene	10.49	77	2173221	41.18	ng	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	341881	47.09	ng	81
65) n-Nitrosodiphenylamine	10.45	169	1588940	44.60	ng	100
66) 4-Bromophenyl-phenylether	10.82	248	517005	41.39	ng	91
67) Hexachlorobenzene	10.89	284	549846	41.18	ng	# 90
68) Atrazine	10.98	200	444069	38.64	ng	98
69) Pentachlorophenol	11.08	266	532098	81.22	ng	99
70) Phenanthrene	11.30	178	2561046	39.33	ng	98
71) Anthracene	11.34	178	2476905	41.91	ng	100
72) Carbazole	11.50	167	2422500	45.32	ng	99
73) Di-n-butylphthalate	11.84	149	2514257	40.33	ng	99
74) Fluoranthene	12.48	202	2311208	40.04	ng	99
76) Benzidine	12.60	184	330407	11.91	ng	98
77) Pyrene	12.70	202	2502575	40.60	ng	99
79) Butylbenzylphthalate	13.33	149	1241417	44.29	ng	85
80) Benzo(a)anthracene	13.89	228	1750504	36.92	ng	100
81) 3,3'-Dichlorobenzidine	13.86	252	367088	20.41	ng	# 95
82) Chrysene	13.93	228	1747121	36.73	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1249111	37.84	ng	# 97
84) Di-n-octyl phthalate	14.50	149	2428641	39.71	ng	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1786942	43.37	ng	98
87) Benzo(b)fluoranthene	14.93	252	3525698	73.50	ng	99
88) Benzo(k)fluoranthene	14.93	252	3526280	86.21	ng	99
89) Benzo(a)pyrene	15.24	252	1671897	39.27	ng	99
90) Dibenzo(a,h)anthracene	16.65	278	1434779	41.00	ng	98
91) Benzo(g,h,i)perylene	17.04	276	1520111	41.78	ng	# 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: BF091852.D

Acq: 21 Dec 2016 23:51

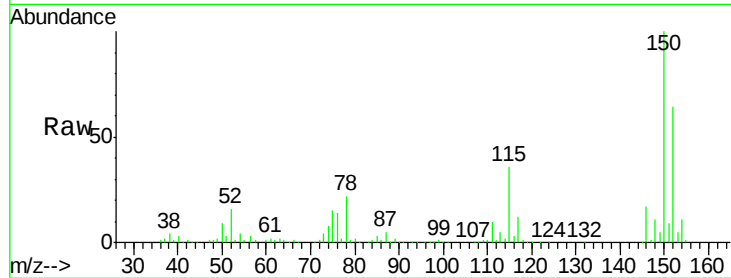
Tgt Ion: 152 Resp: 350043

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

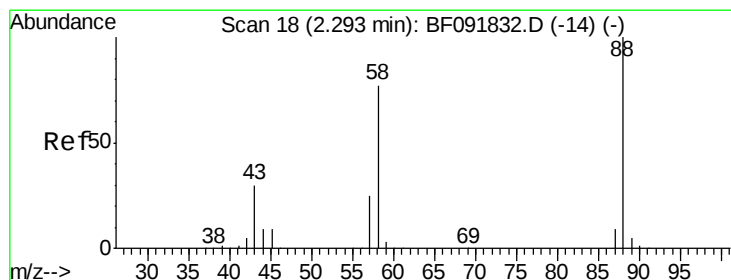
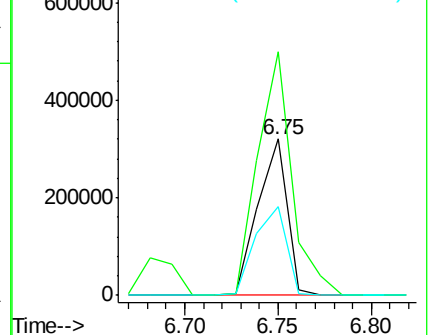
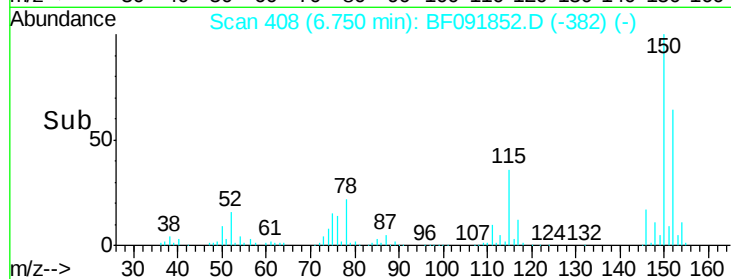
115 56.8 46.0 69.0



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: 36.72 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.13 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

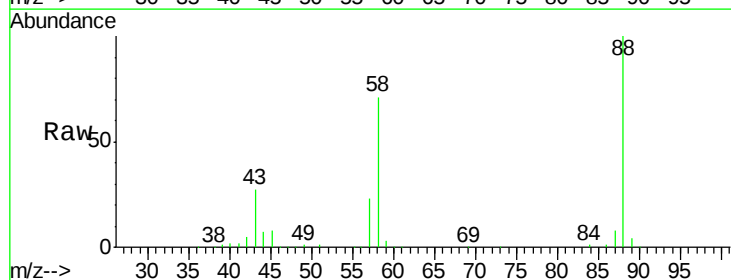
Tgt Ion: 88 Resp: 378948

Ion Ratio Lower Upper

88 100

58 71.8 57.8 86.8

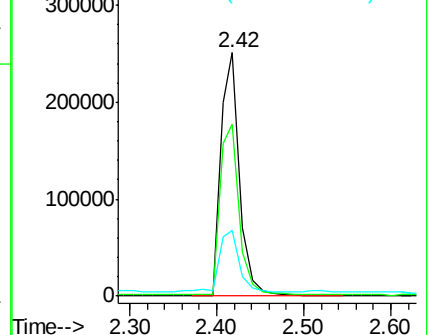
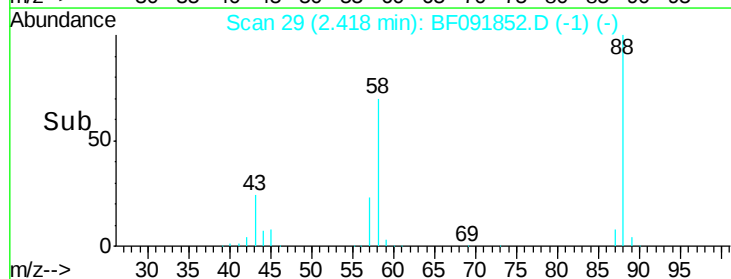
43 27.2 22.3 33.5

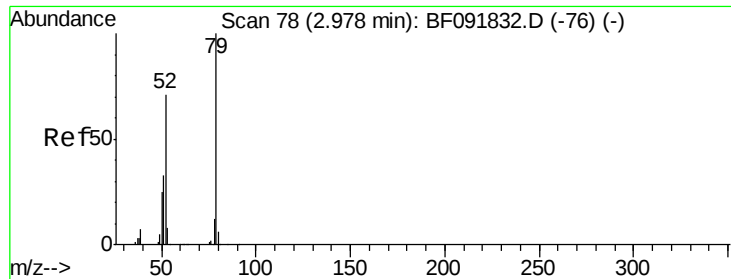


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

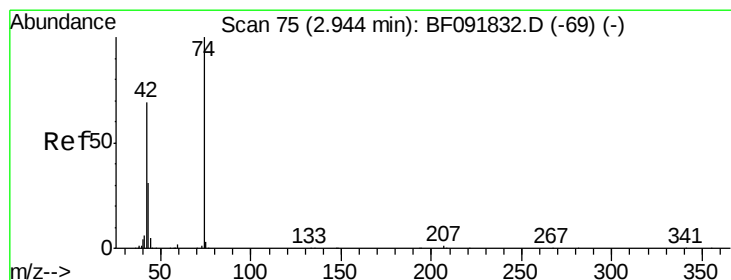
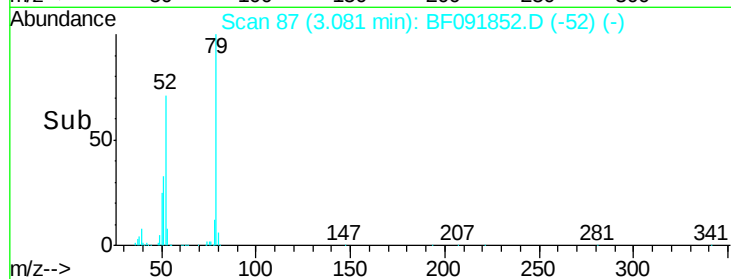
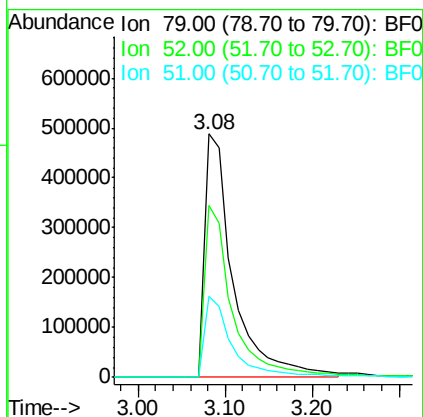
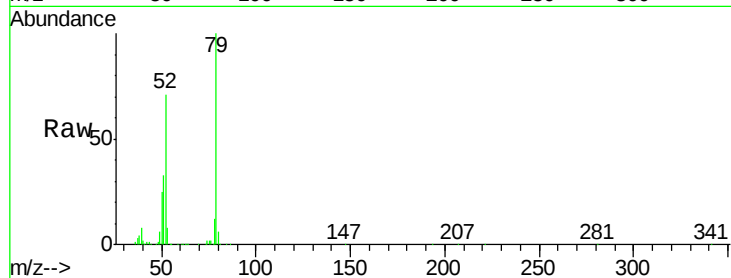




#3
 Pyridine
 Concen: 30.99 ng
 RT: 3.08 min Scan# 87
 Delta R.T. 0.10 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion: 79 Resp: 1116304

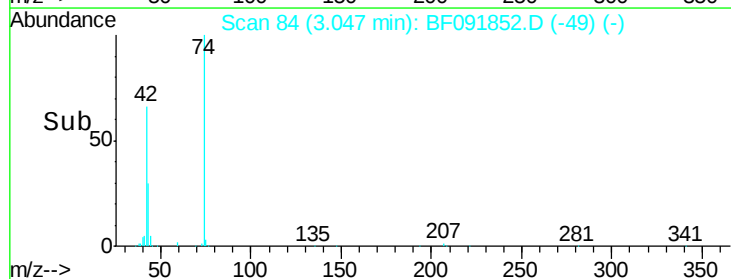
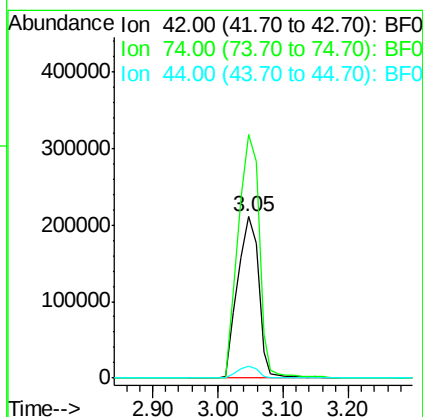
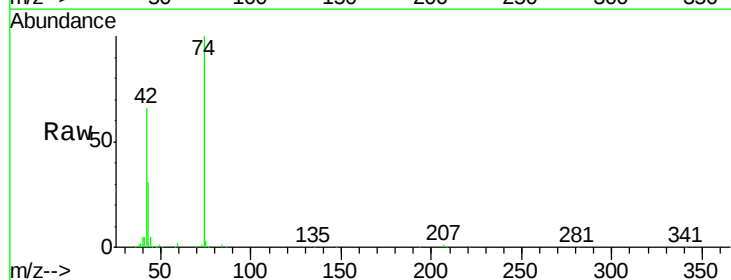
Ion	Ratio	Lower	Upper
79	100		
52	70.9	57.1	85.7
51	33.2	27.3	40.9

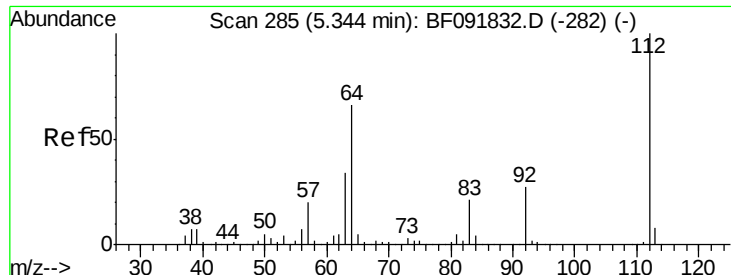


#4
 n-Nitrosodimethylamine
 Concen: 34.86 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.10 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion: 42 Resp: 473633

Ion	Ratio	Lower	Upper
42	100		
74	151.1	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 110.90 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

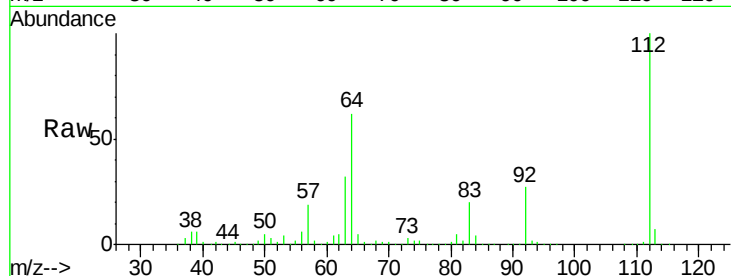
Tgt Ion: 112 Resp: 2324933

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

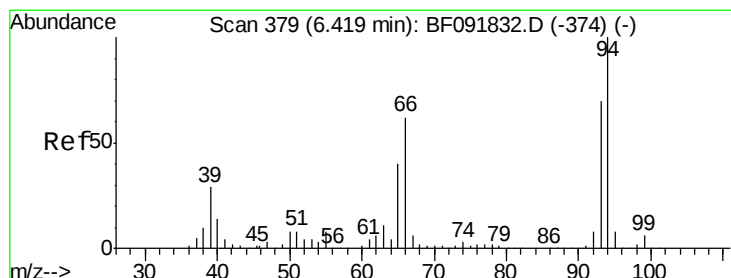
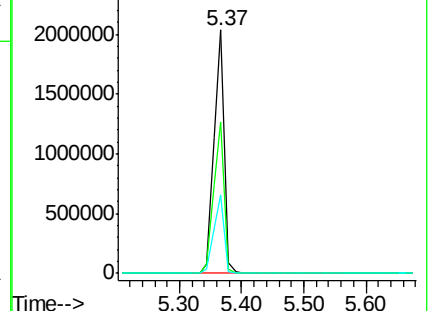
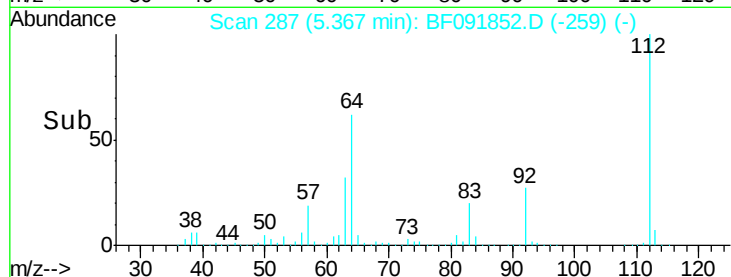
63 32.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.22 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

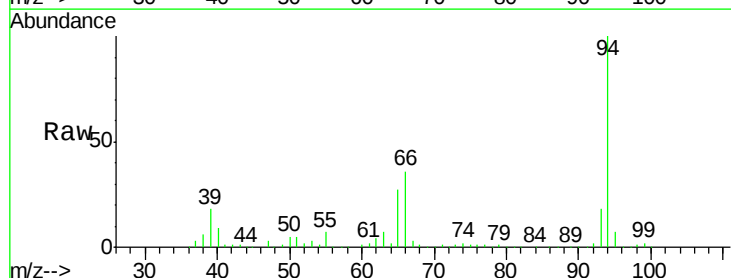
Tgt Ion: 93 Resp: 339629

Ion Ratio Lower Upper

93 100

66 197.4 76.2 114.2#

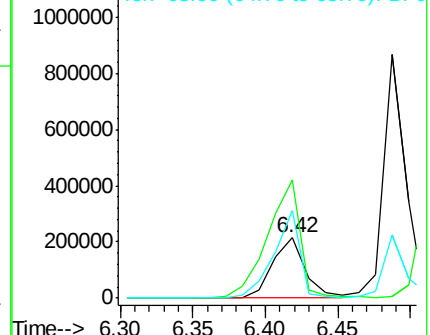
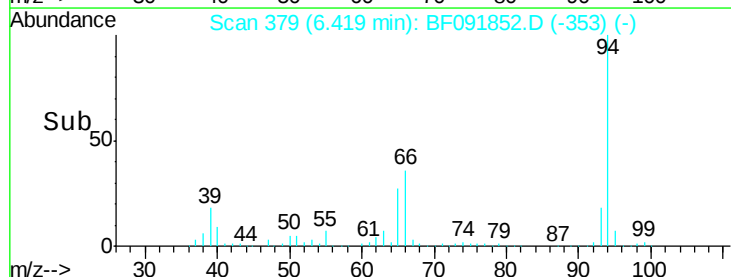
65 146.7 49.3 73.9#



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: 124.98 ng

RT: 6.41 min Scan# 378

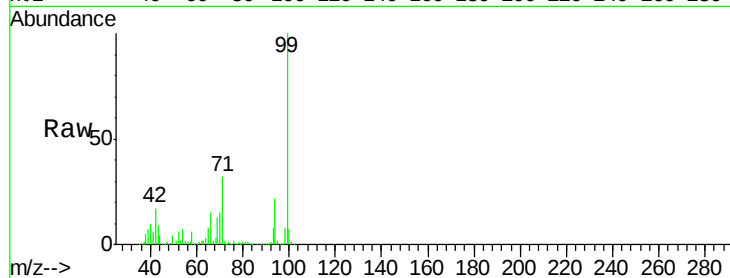
Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion: 99 Resp: 3198963

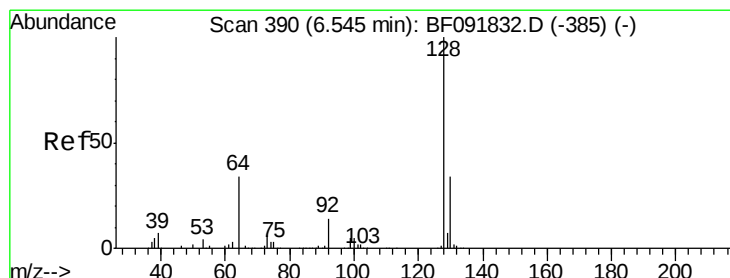
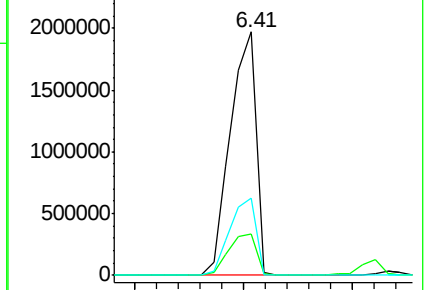
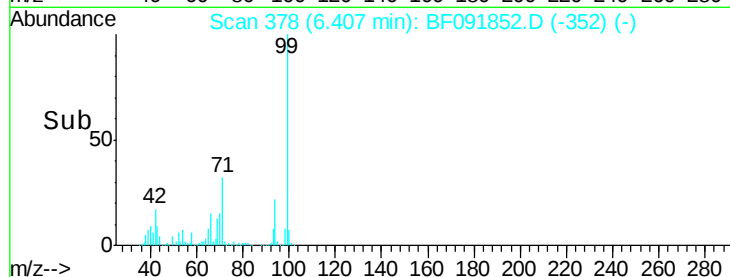
Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.6	23.4
71	31.5	27.5	41.3



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: 37.11 ng

RT: 6.53 min Scan# 389

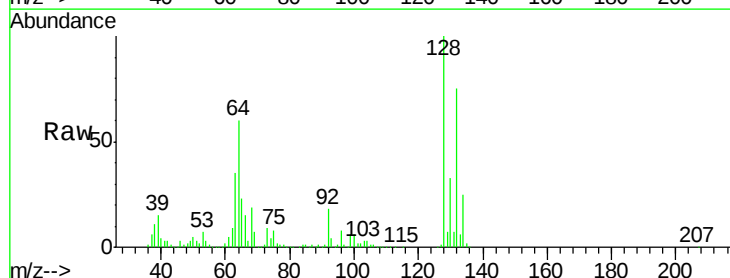
Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion: 128 Resp: 884894

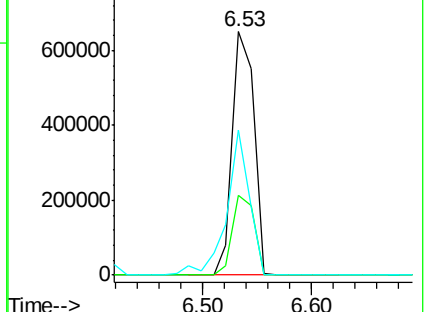
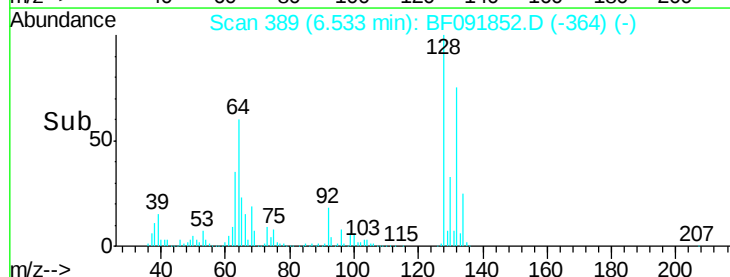
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	59.6	32.2	72.2

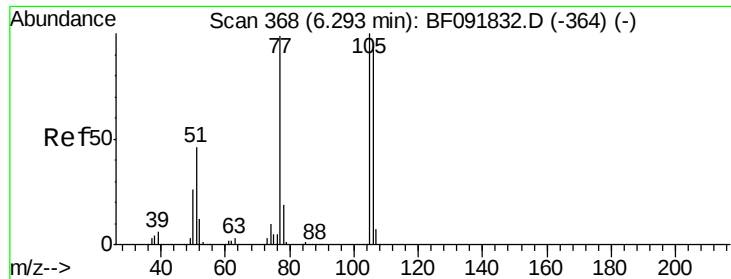


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.40 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

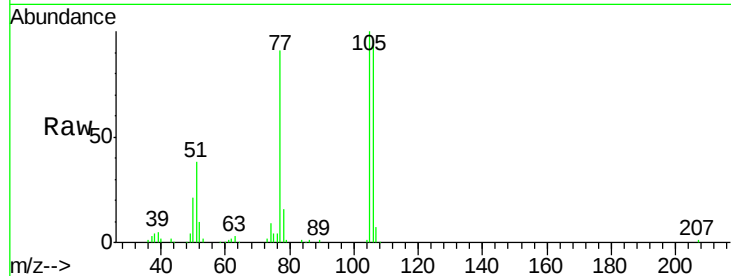
Tgt Ion: 77 Resp: 124599

Ion Ratio Lower Upper

77 100

105 109.7 83.9 123.9

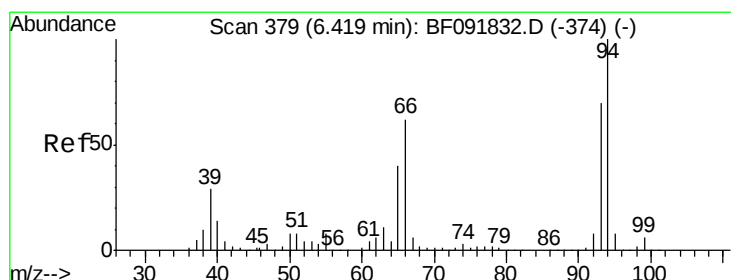
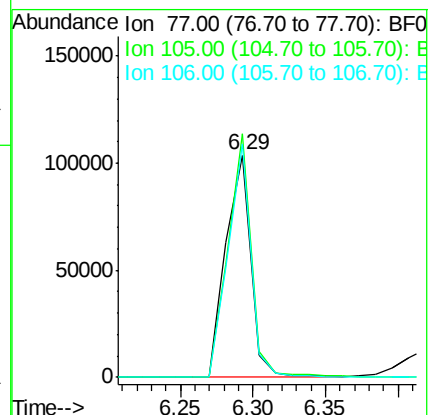
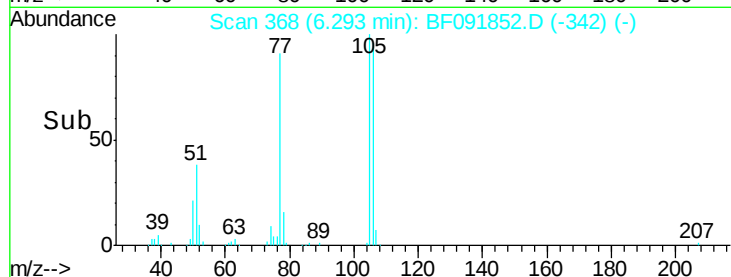
106 105.2 77.6 117.6



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: 42.03 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

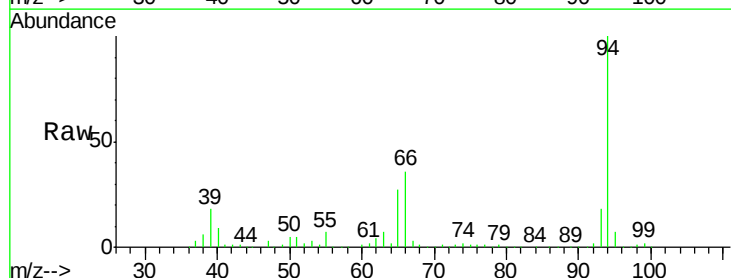
Tgt Ion: 94 Resp: 1225874

Ion Ratio Lower Upper

94 100

65 26.7 21.4 61.4

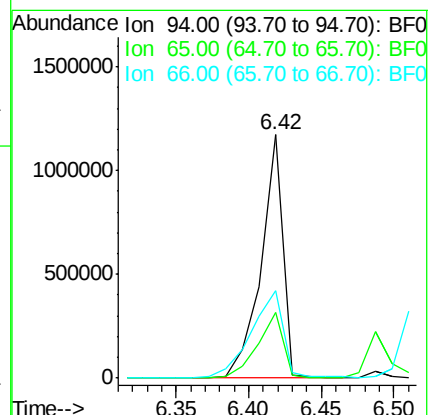
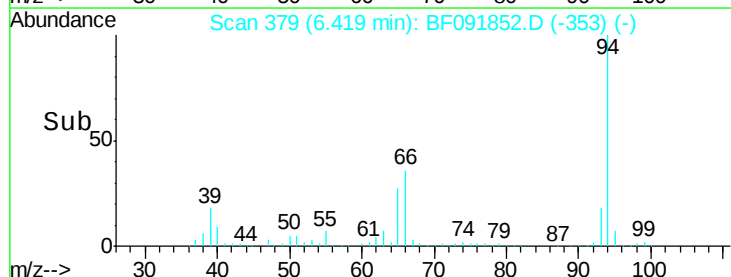
66 36.0 44.0 84.0#

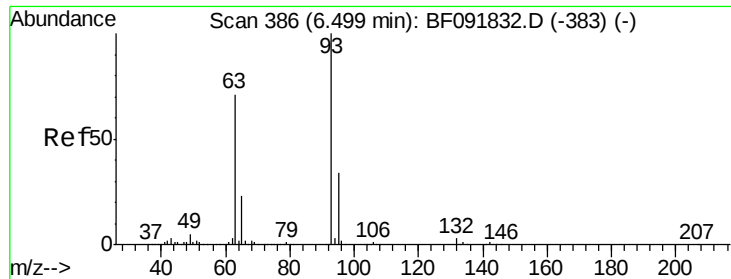


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.16 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

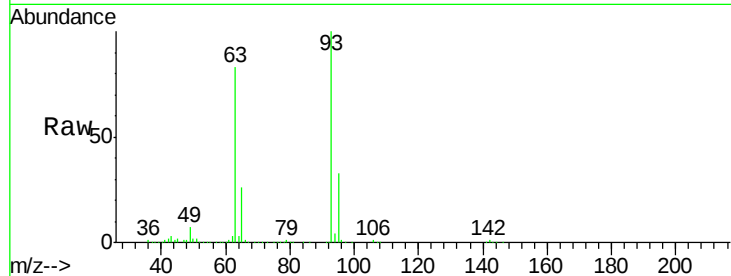
Tgt Ion: 93 Resp: 908752

Ion Ratio Lower Upper

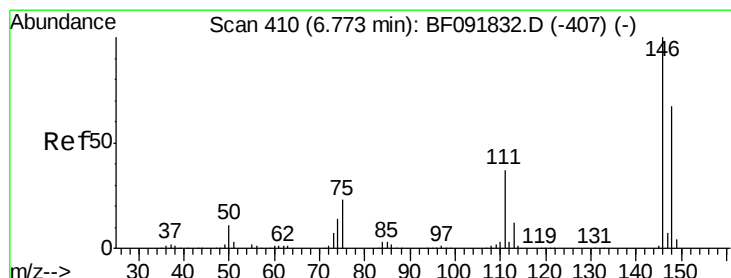
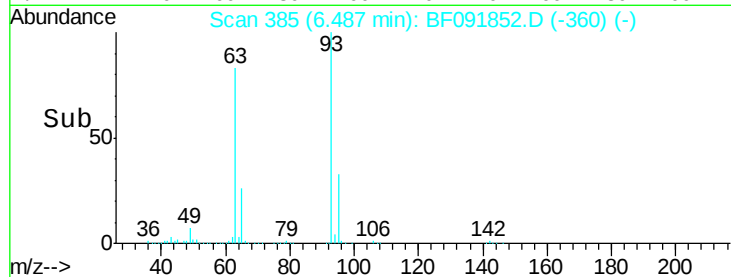
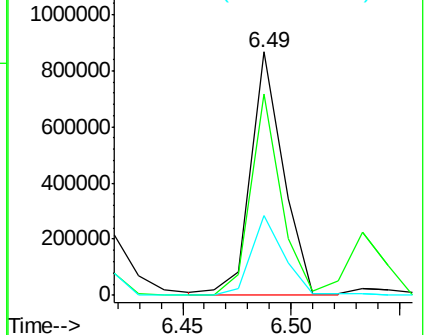
93 100

63 82.9 60.4 100.4

95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.08 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

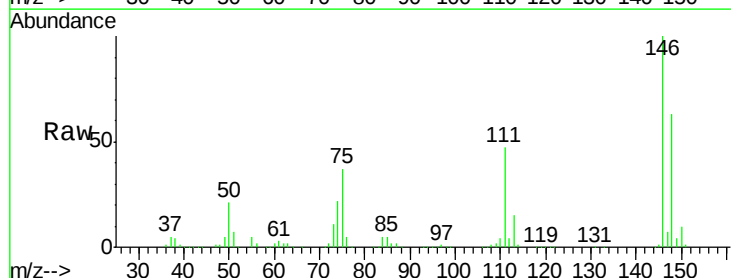
Tgt Ion: 146 Resp: 943960

Ion Ratio Lower Upper

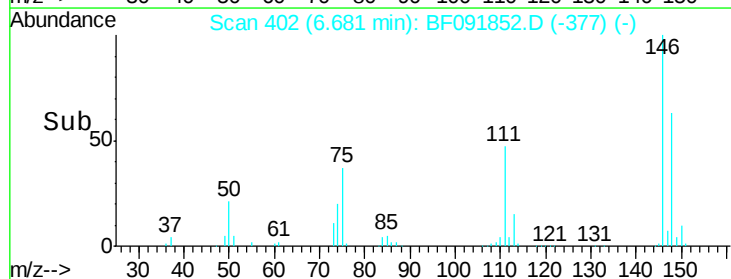
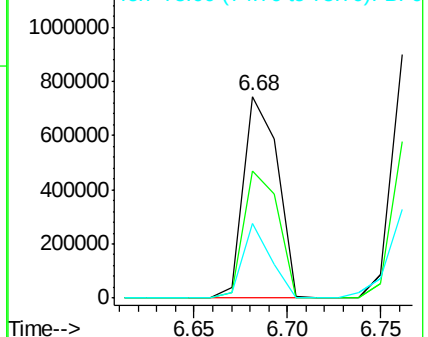
146 100

148 63.1 53.4 80.0

75 37.2 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.45 ng

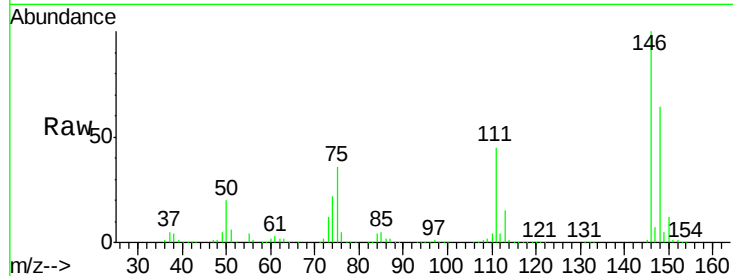
RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

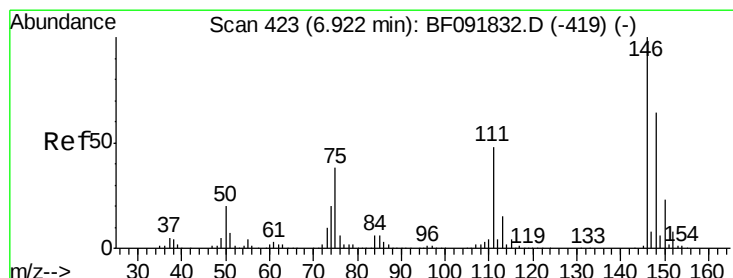
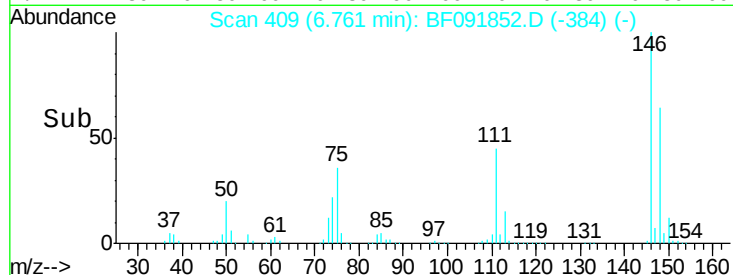
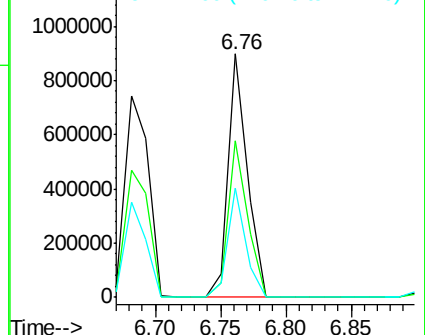
Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion:	146	Resp:	918640
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	44.7	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: 40.32 ng

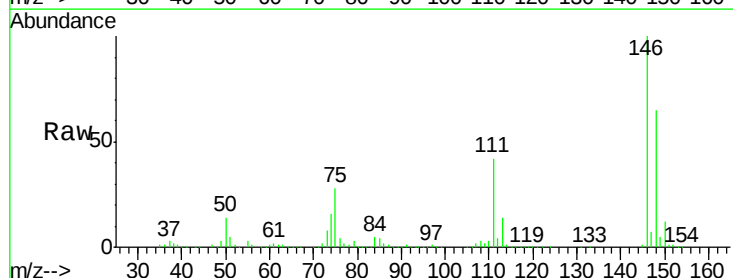
RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

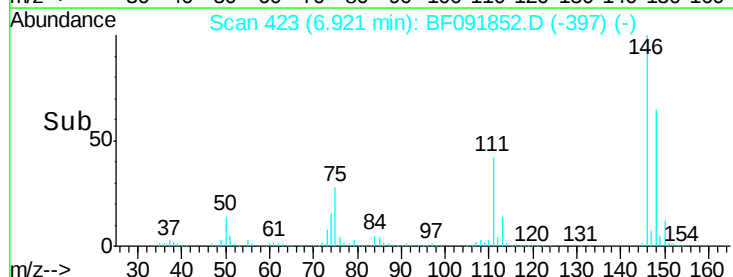
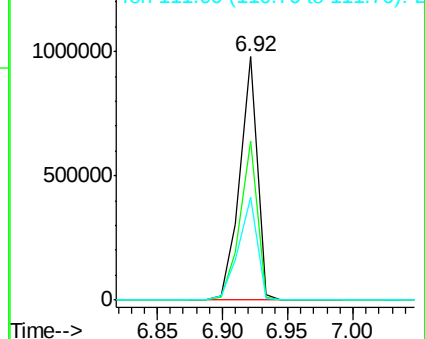
Lab File: BF091852.D

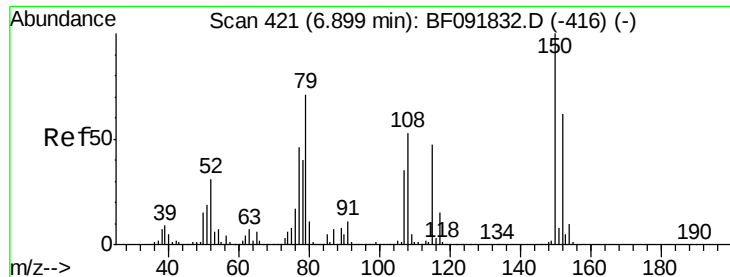
Acq: 21 Dec 2016 23:51

Tgt Ion:	146	Resp:	906626
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.2
111	42.4	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: 35.47 ng

RT: 6.90 min Scan# 421

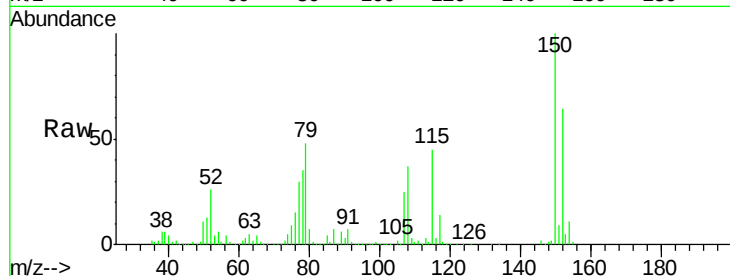
Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion: 79 Resp: 705437

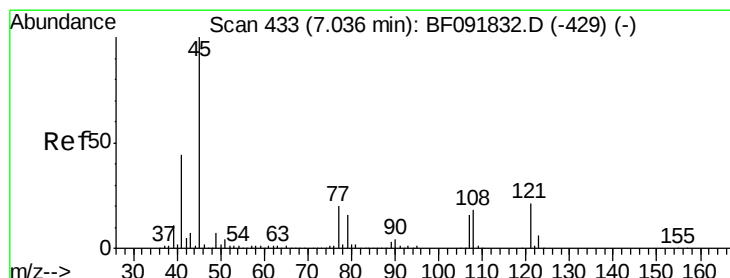
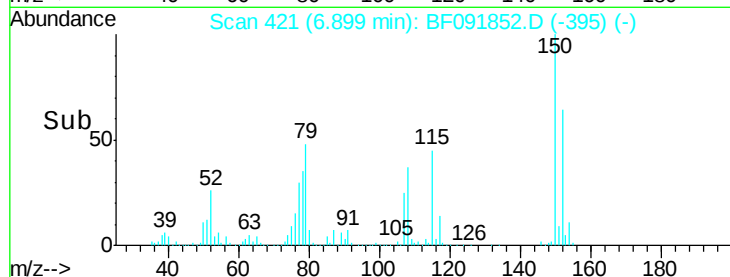
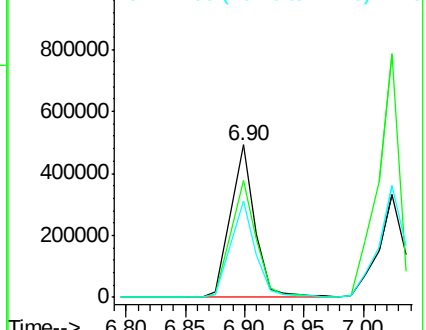
Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.4	92.0
77	63.3	50.9	76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.22 ng

RT: 7.04 min Scan# 433

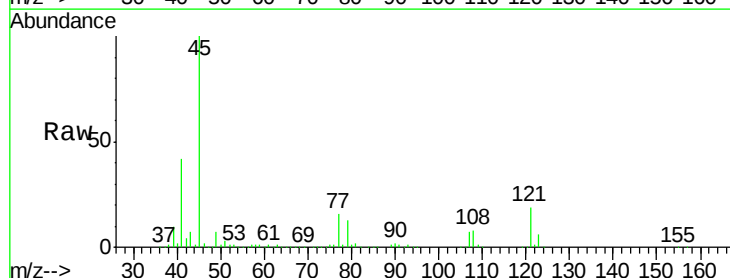
Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion: 45 Resp: 1355372

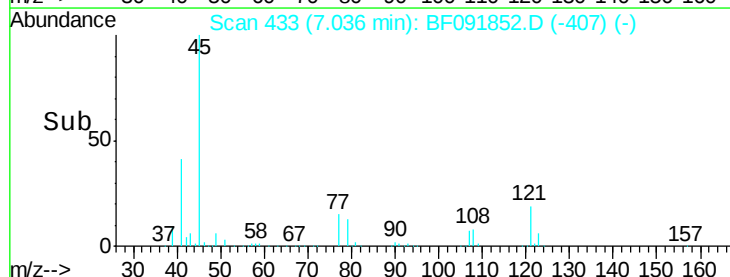
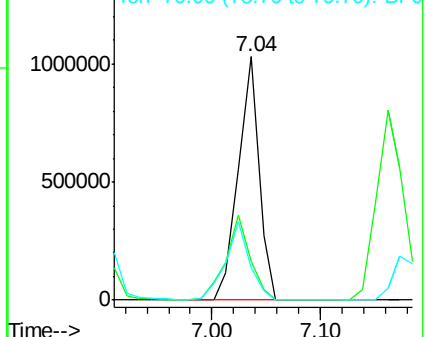
Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	34.6
79	13.3	0.0	31.2

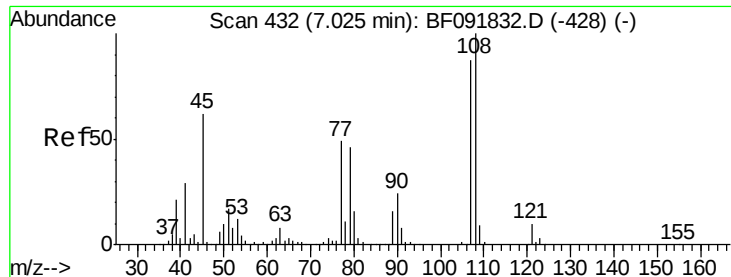


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

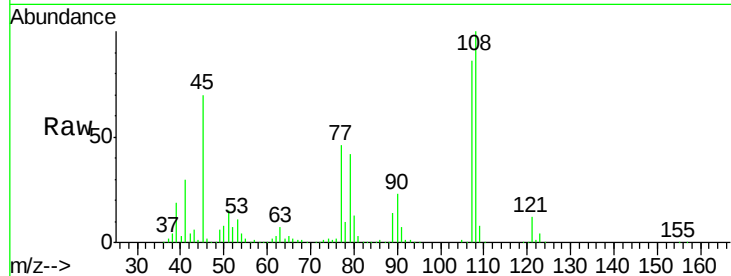
Ion 79.00 (78.70 to 79.70): BF0



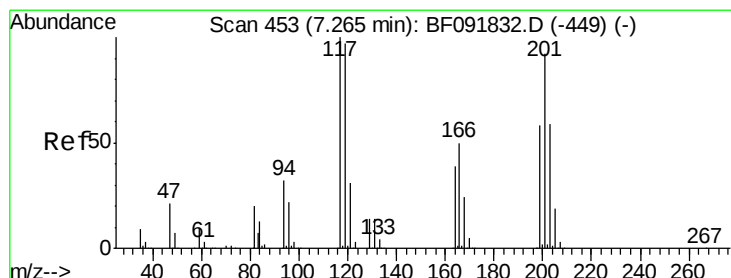
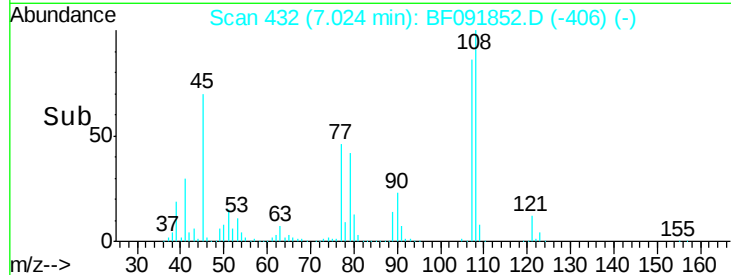
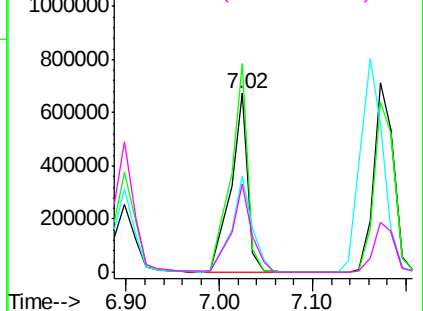


#17
2-Methylphenol
Concen: 44.34 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:	107	Resp:	850317
Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.0	139.6
77	53.6	39.8	59.8
79	49.4	38.0	57.0

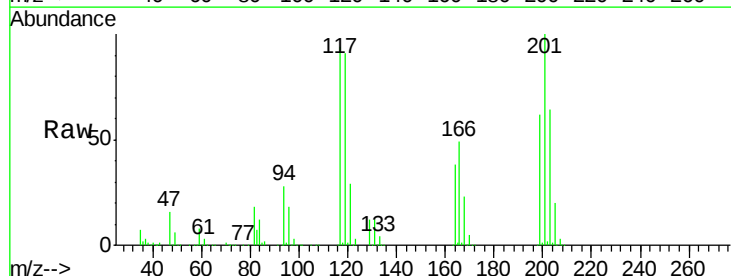


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

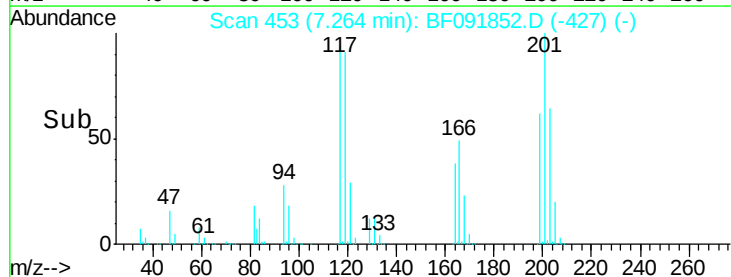
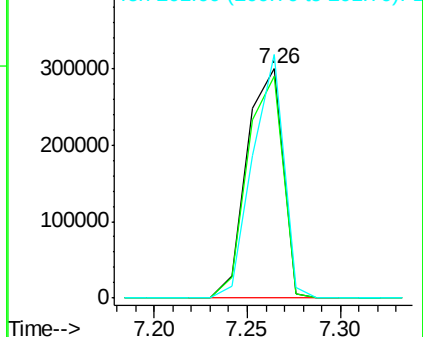


#18
Hexachloroethane
Concen: 41.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:	117	Resp:	399533
Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.1	117.1
201	106.2	78.6	117.8



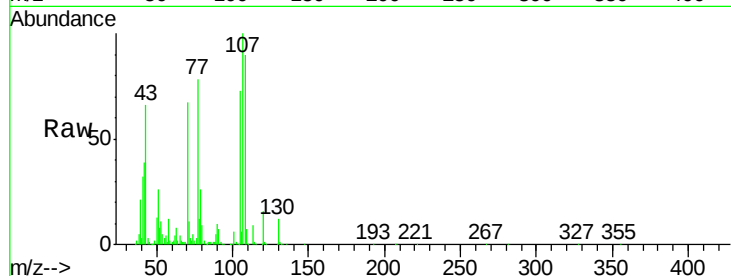
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



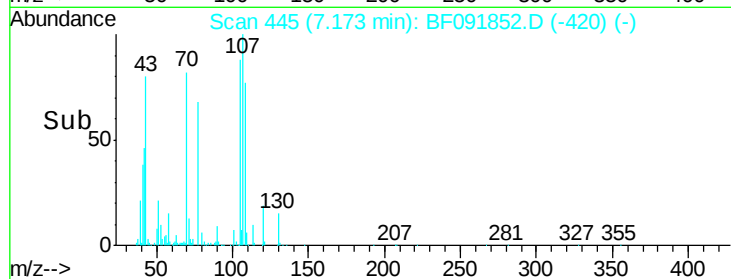
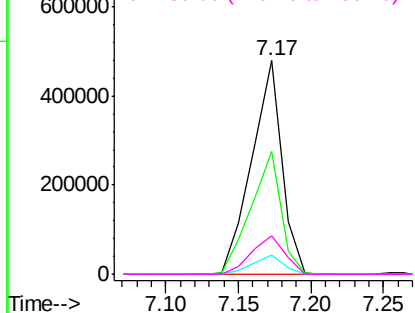


#19
n-Nitroso-di-n-propylamine
Concen: 40.72 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:	70	Resp:	693387
Ion	Ratio	Lower	Upper
70	100		
42	57.6	49.4	74.0
101	8.9	7.4	11.2
130	18.2	14.2	21.4

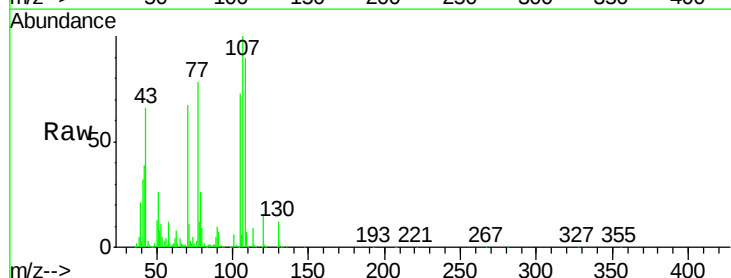


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

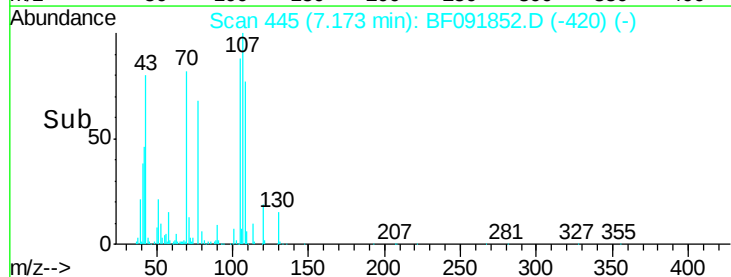
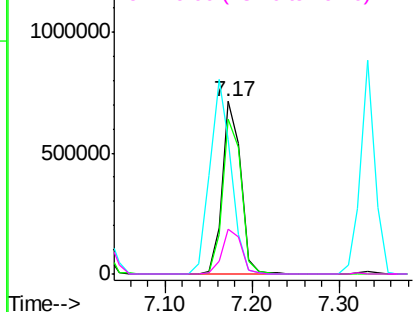


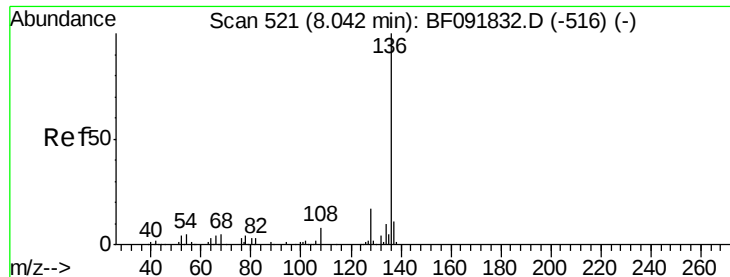
#20
3+4-Methylphenols
Concen: 45.74 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:	107	Resp:	1046291
Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.0	113.0
77	78.2	71.3	111.3
79	26.2	11.1	51.1



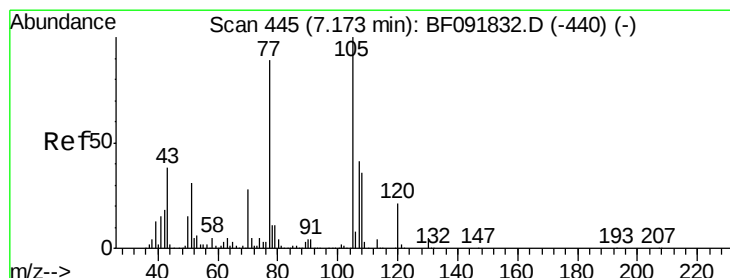
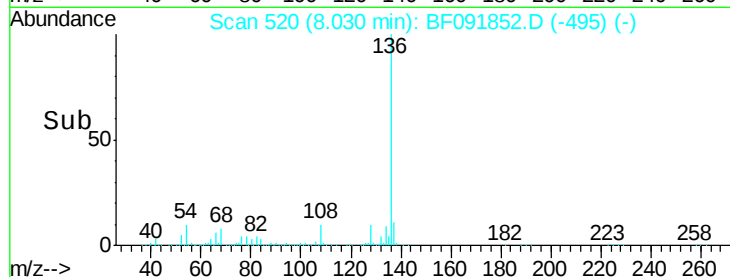
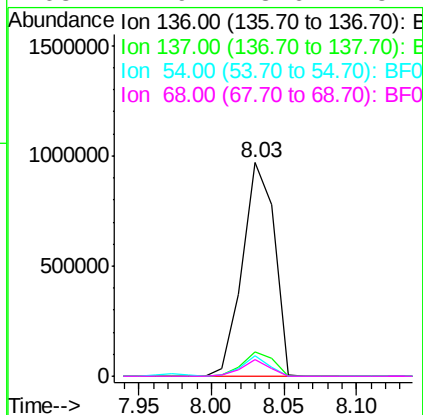
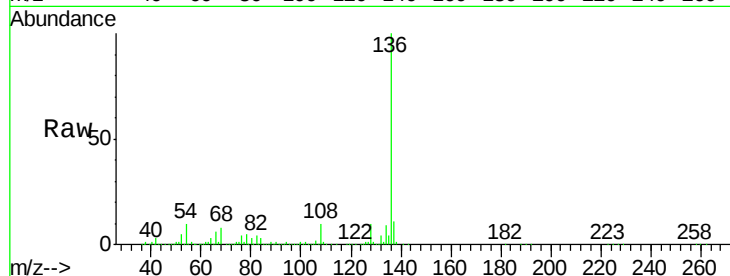
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





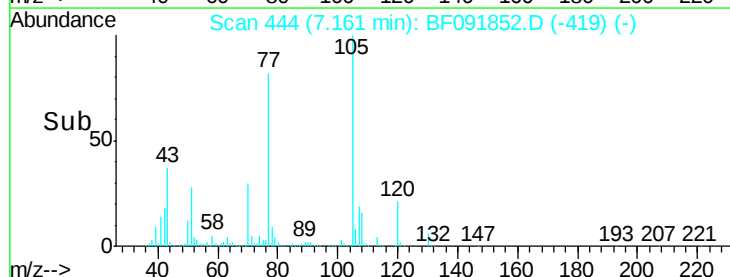
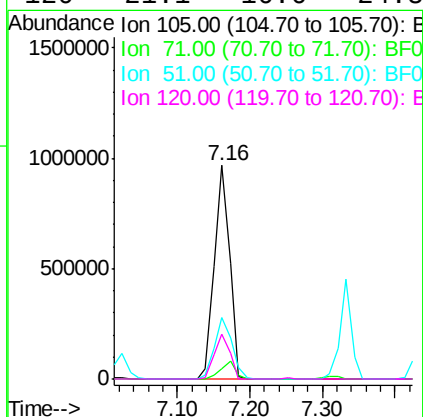
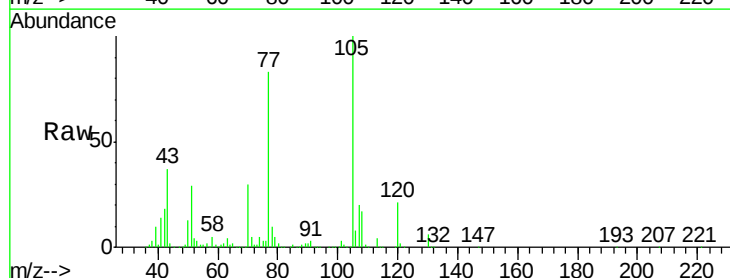
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

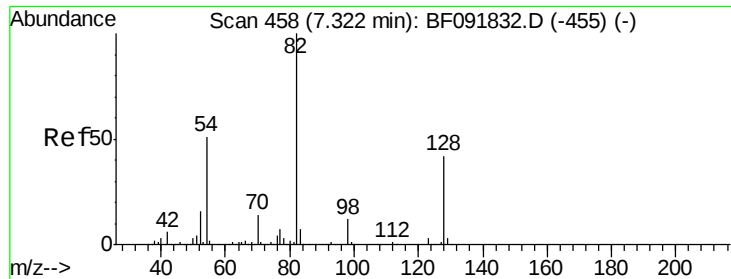
Tgt Ion:	136	Resp:	1481349
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.7	4.5	6.7#
68	7.9	3.6	5.4#



#22
Acetophenone
Concen: 38.81 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:	105	Resp:	1418003
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.2	4.8#
51	29.0	26.2	39.4
120	21.1	16.6	24.8

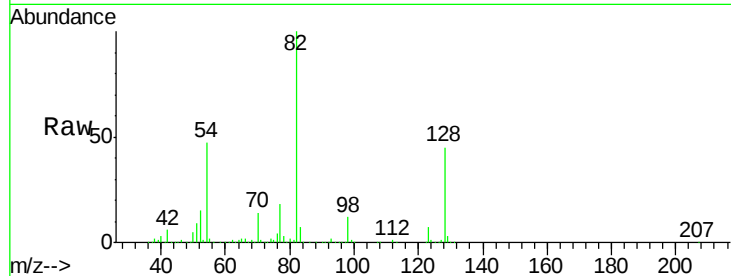




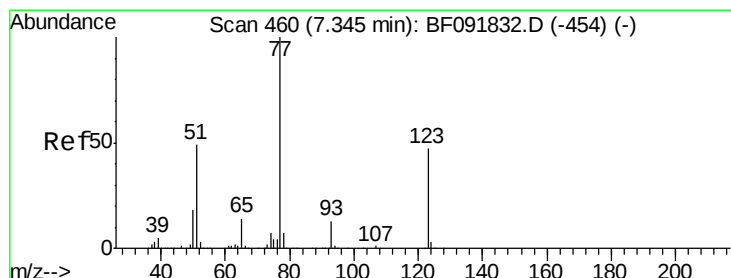
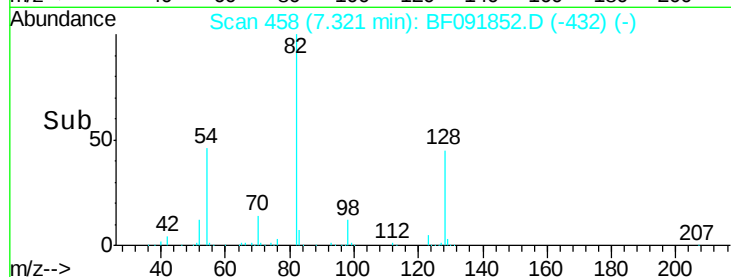
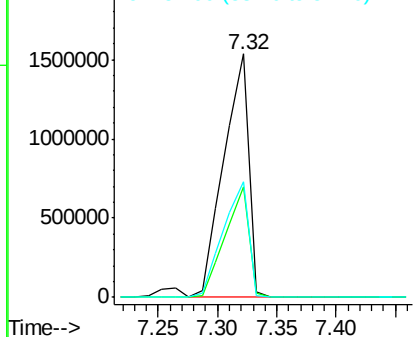
#23
Nitrobenzene-d5
Concen: 83.77 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion: 82 Resp: 2231665

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	47.5	39.5	59.3



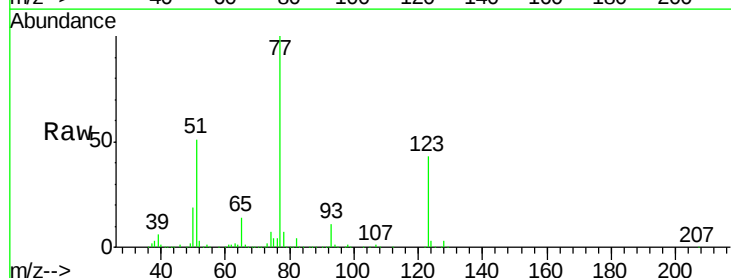
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



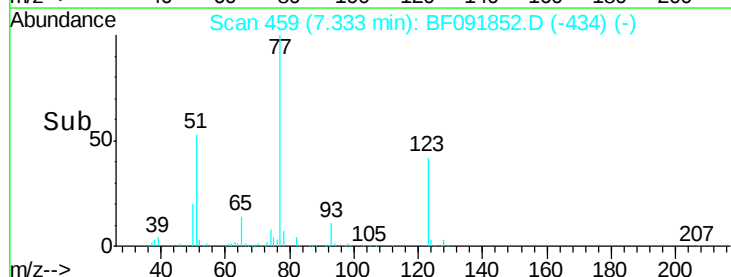
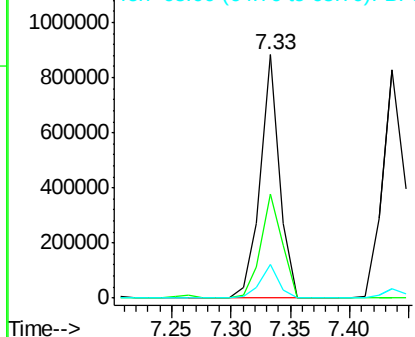
#24
Nitrobenzene
Concen: 35.56 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion: 77 Resp: 1008877

Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.0	49.4
65	13.7	11.2	16.8



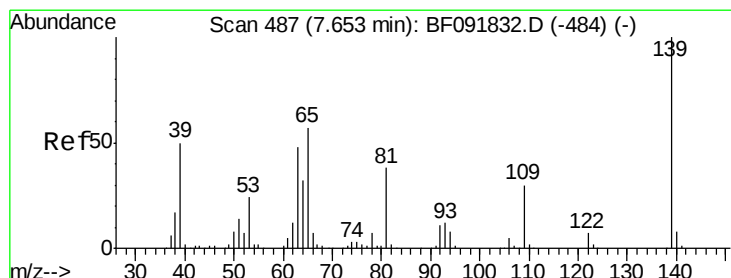
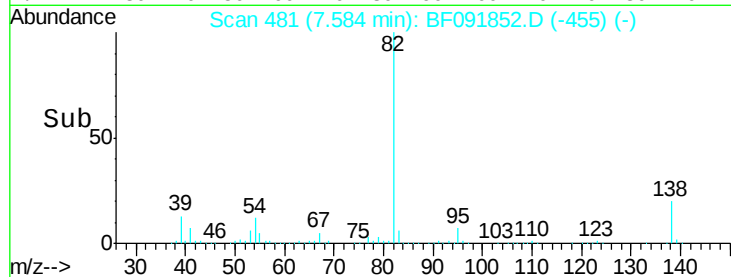
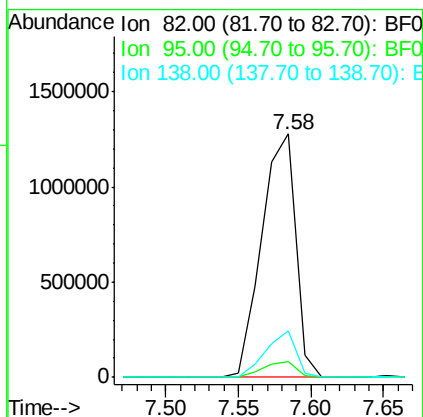
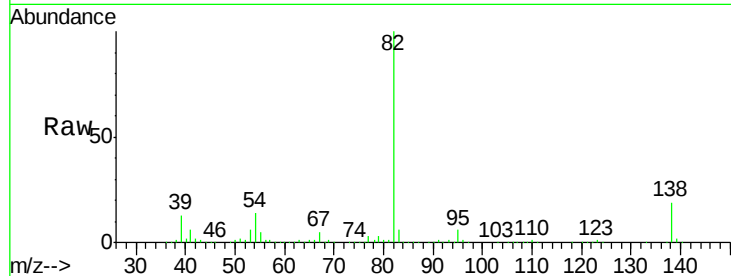
Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





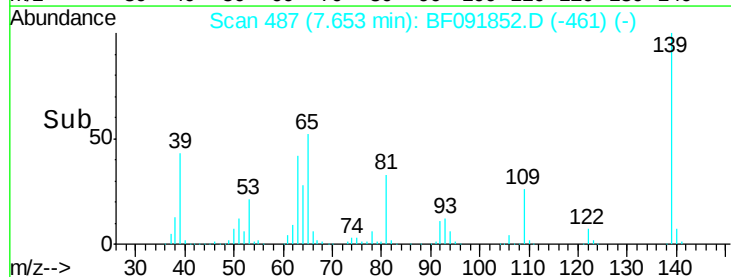
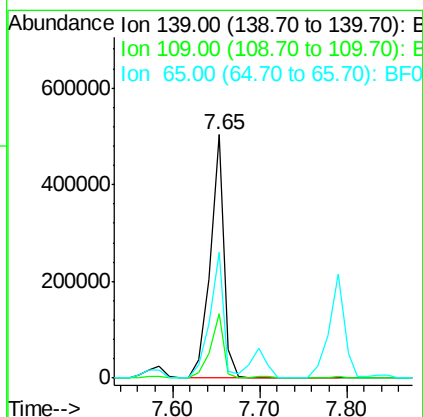
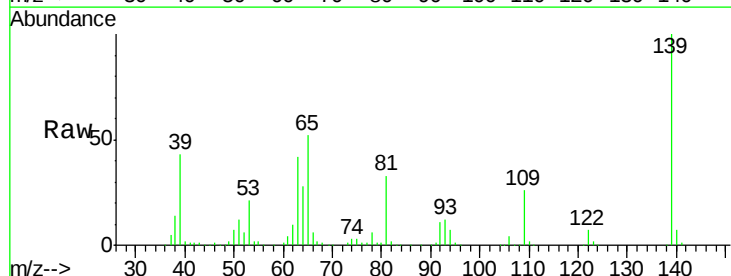
#25
Isophorone
Concen: 42.27 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

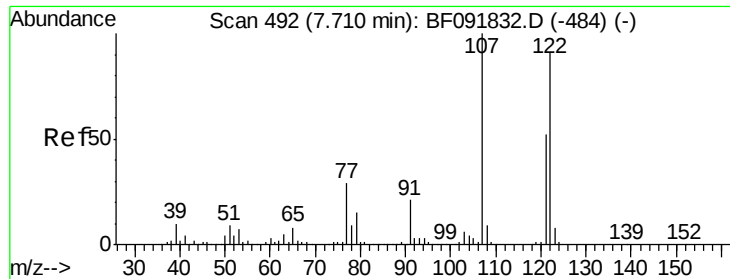
Tgt Ion: 82 Resp: 2077452
Ion Ratio Lower Upper
82 100
95 6.4 5.6 8.4
138 19.0 14.6 22.0



#26
2-Nitrophenol
Concen: 39.77 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

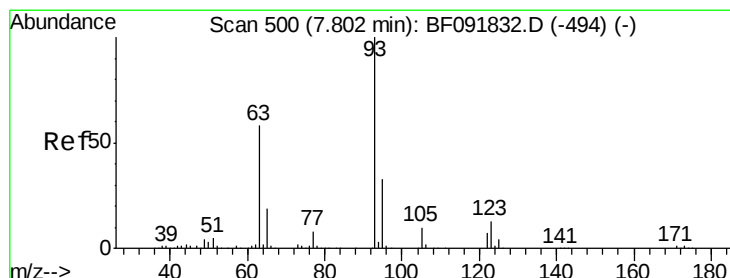
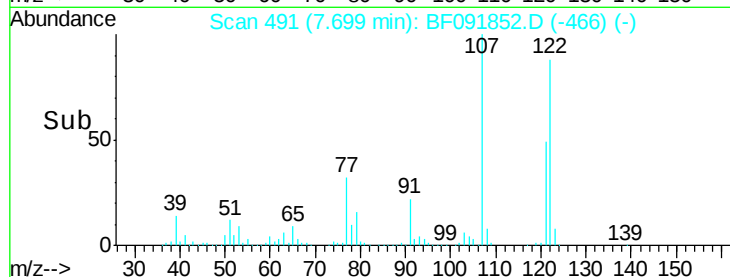
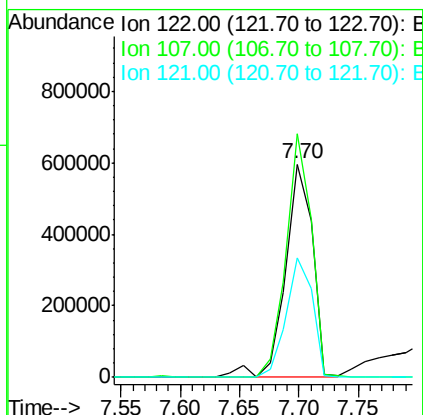
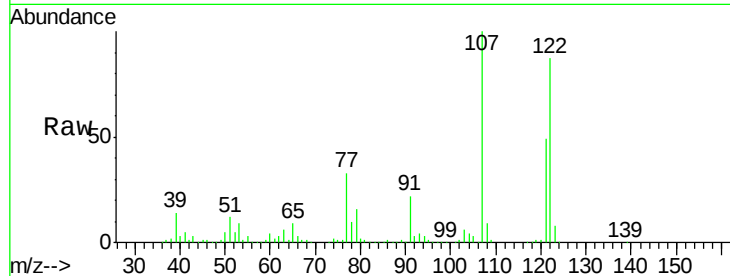
Tgt Ion: 139 Resp: 556488
Ion Ratio Lower Upper
139 100
109 26.3 23.3 34.9
65 51.8 42.7 64.1





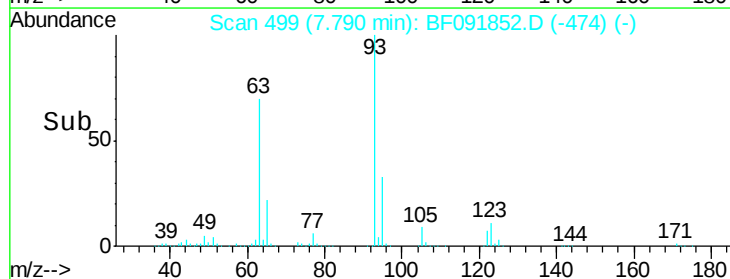
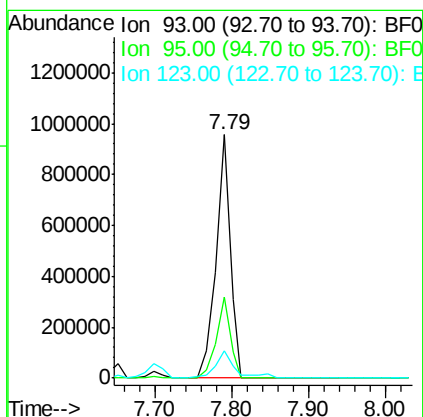
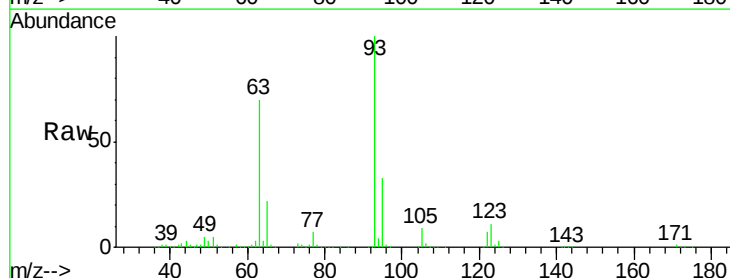
#27
 2,4-Dimethylphenol
 Concen: 40.71 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

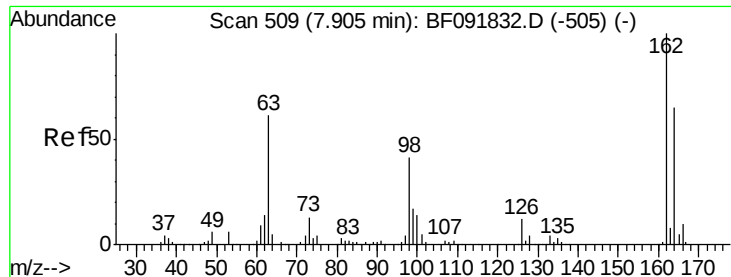
Tgt Ion: 122 Resp: 944678
 Ion Ratio Lower Upper
 122 100
 107 114.3 94.1 141.1
 121 55.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.32 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

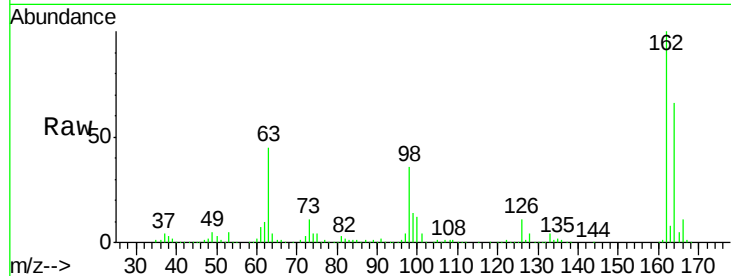
Tgt Ion: 93 Resp: 1231481
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 11.1 8.6 13.0



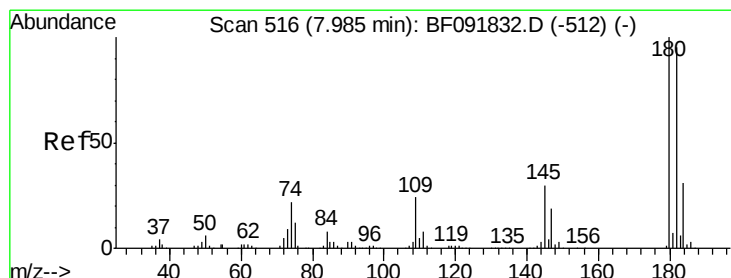
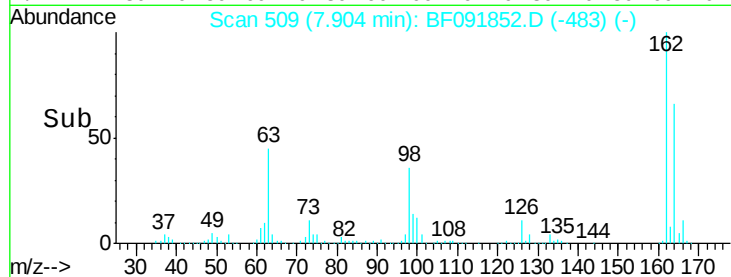
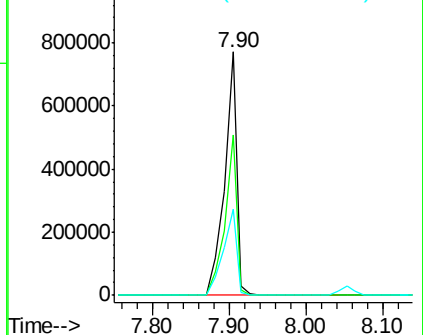


#29
2,4-Dichlorophenol
Concen: 44.20 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	46.8	86.8
98	35.7	9.1	49.1

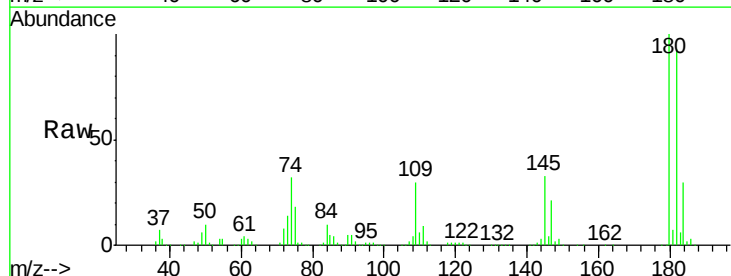


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

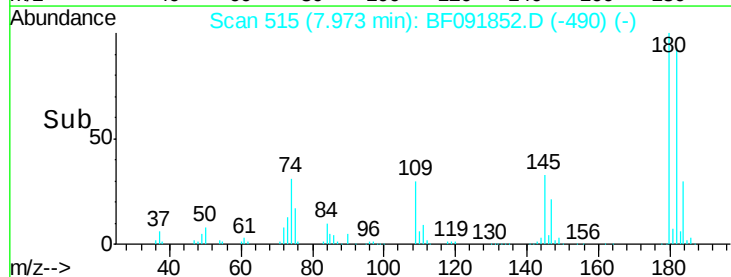
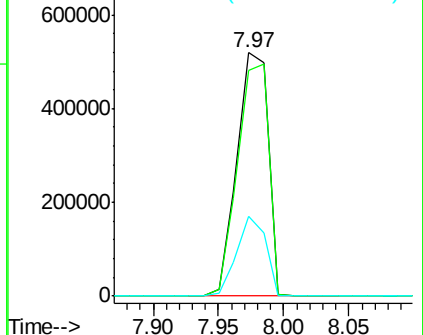


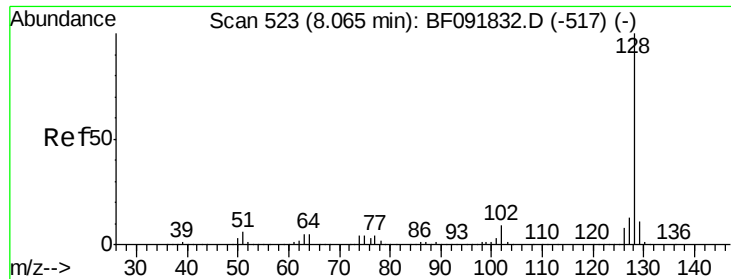
#30
1,2,4-Trichlorobenzene
Concen: 40.11 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	78.2	117.4
145	32.7	21.6	32.4



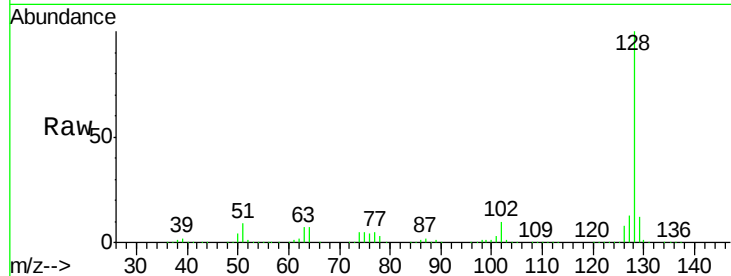
Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



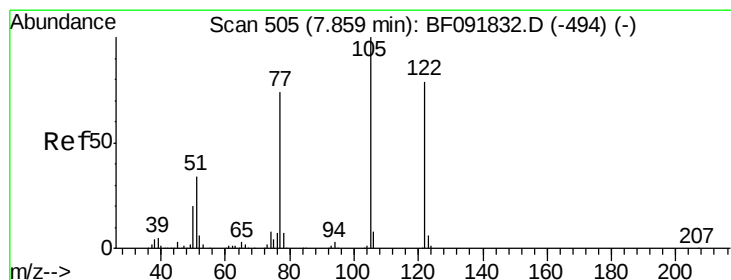
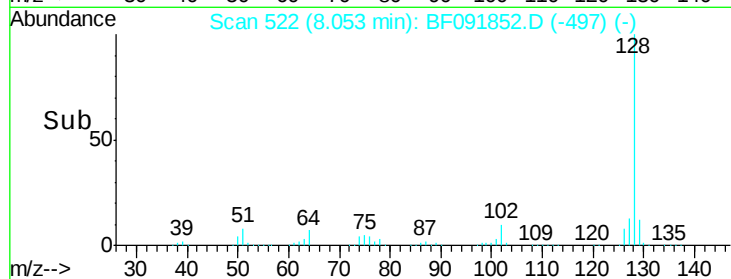
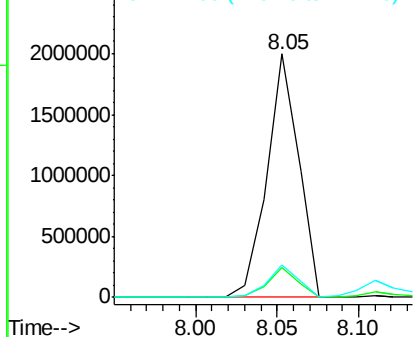


#31
Naphthalene
Concen: 39.90 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:128 Resp: 2704806
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 13.4 10.8 16.2

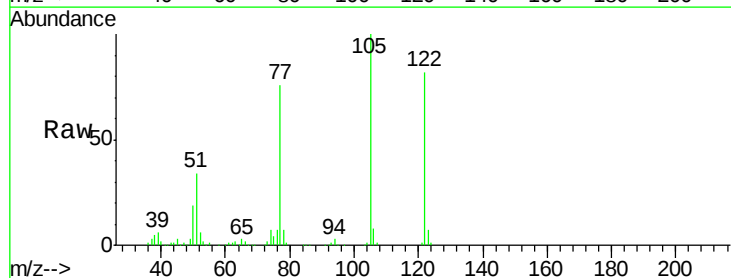


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

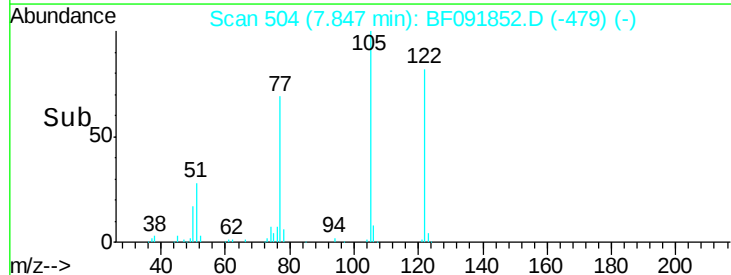
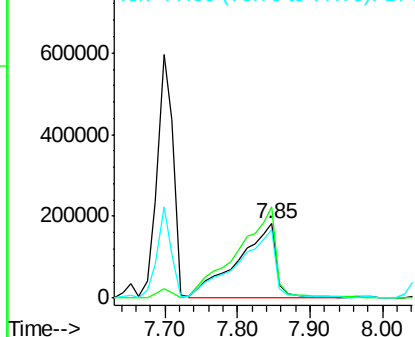


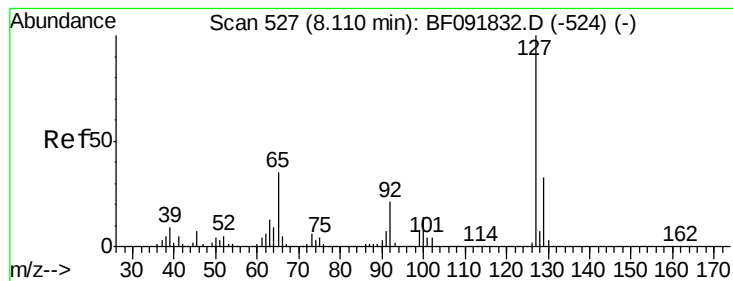
#32
Benzoic acid
Concen: 38.82 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:122 Resp: 668151
Ion Ratio Lower Upper
122 100
105 122.2 107.2 147.2
77 92.5 74.5 114.5



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





#33

4-Chloroaniline

Concen: 7.86 ng

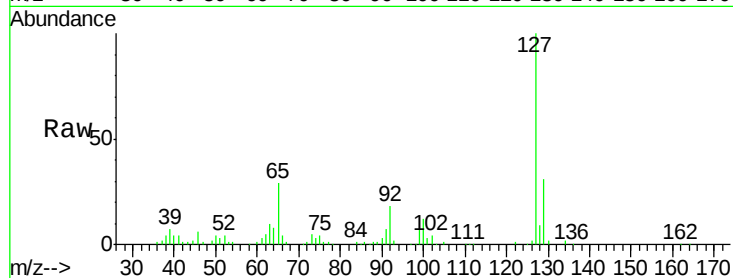
RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion:	127	Resp:	240219
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	29.1	25.8	38.8
92	17.7	16.1	24.1

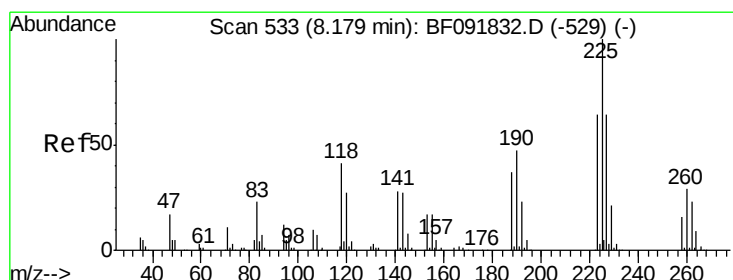
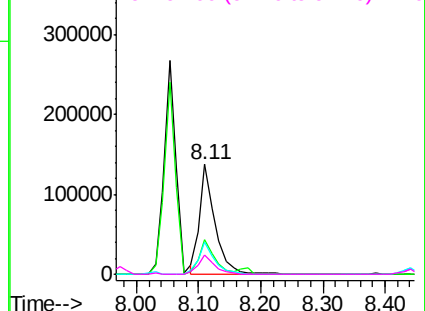
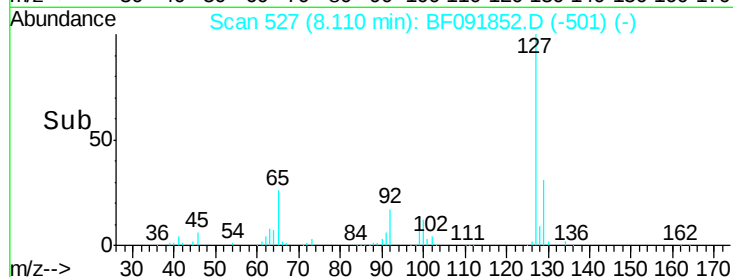


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.02 ng

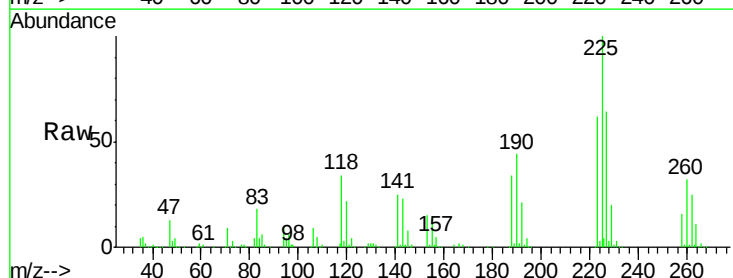
RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

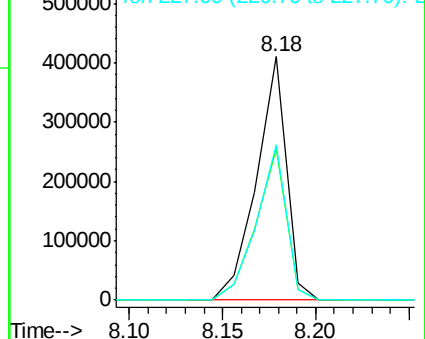
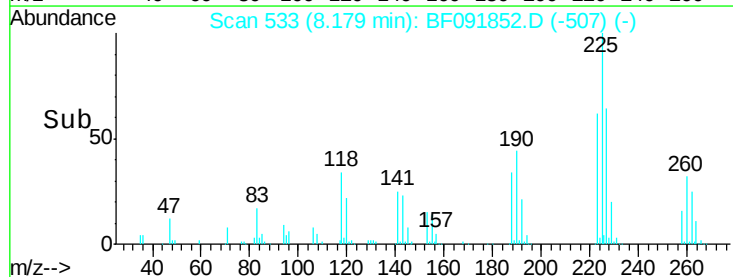
Tgt Ion:	225	Resp:	454866
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.5	50.6	76.0

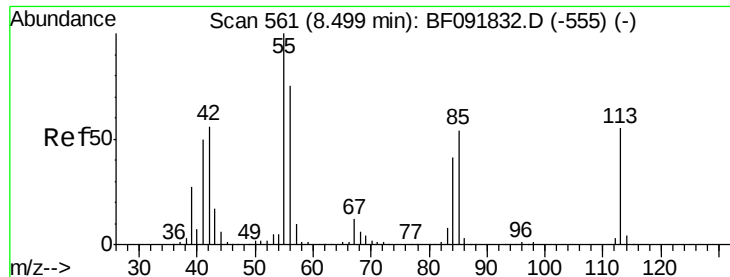


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

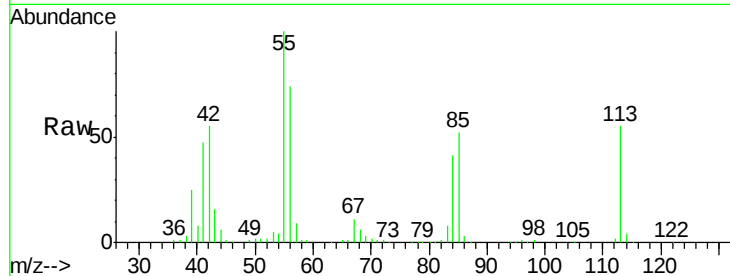
Ion 227.00 (226.70 to 227.70): E



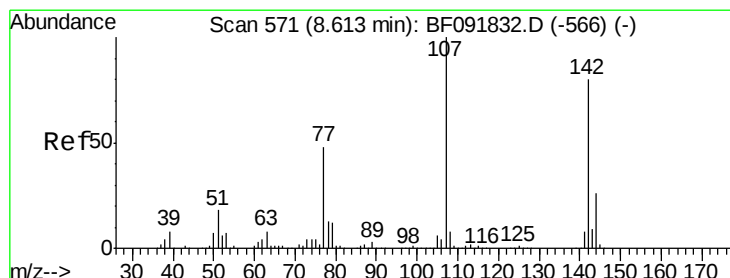
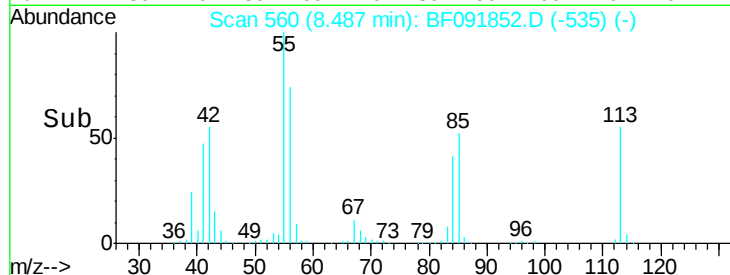
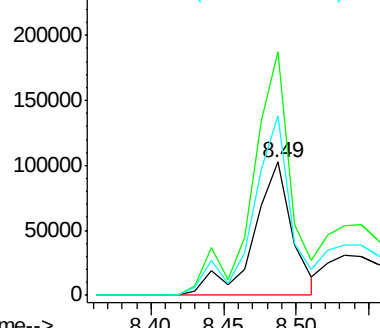


#35
 Caprolactam
 Concen: 29.28 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:113 Resp: 189085
 Ion Ratio Lower Upper
 113 100
 55 182.9 119.2 159.2#
 56 134.6 83.8 123.8#

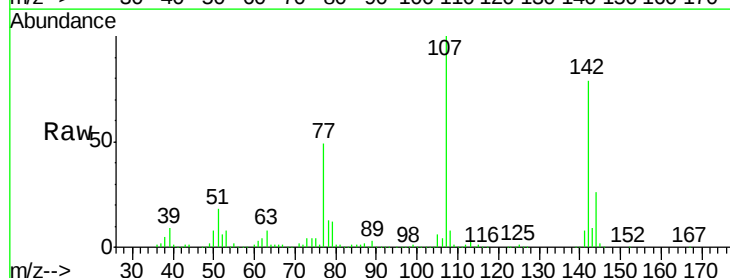


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

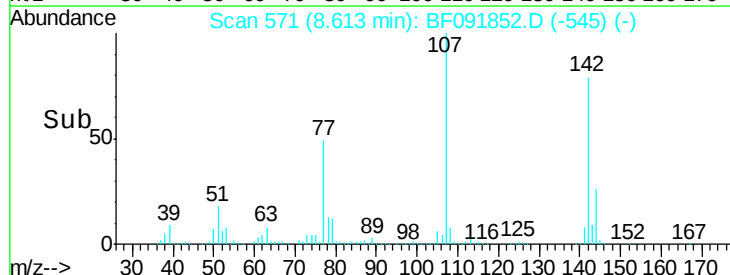
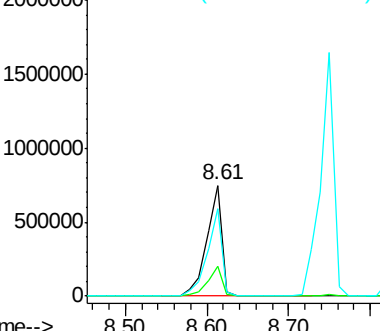


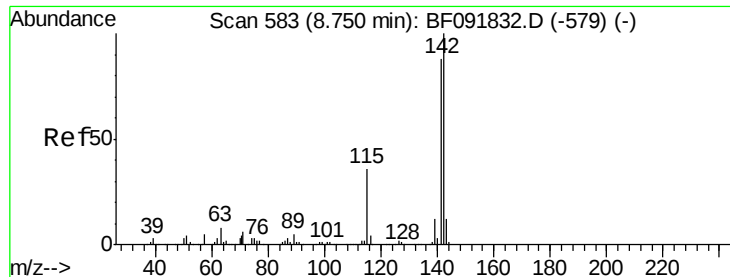
#36
 4-Chloro-3-methylphenol
 Concen: 42.86 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:107 Resp: 969307
 Ion Ratio Lower Upper
 107 100
 144 26.4 19.3 28.9
 142 79.3 59.0 88.6



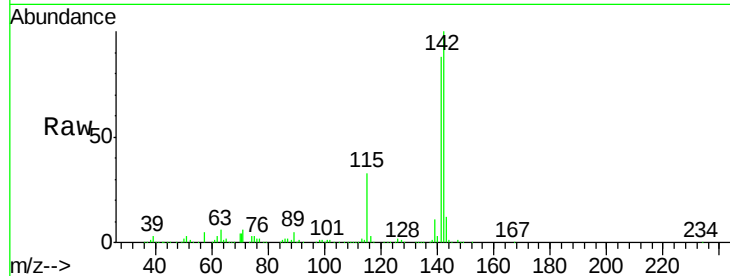
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



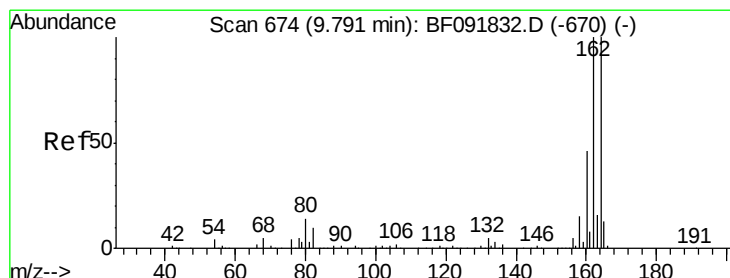
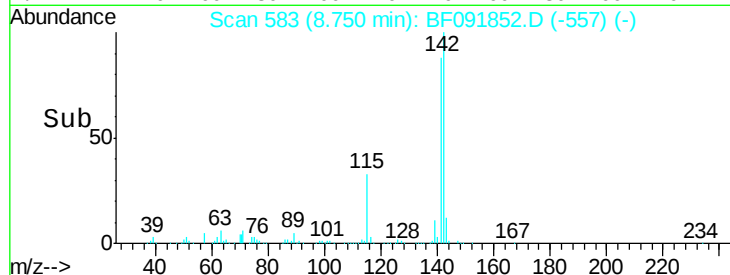
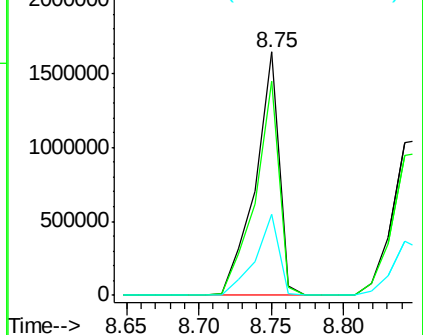


#37
2-Methylnaphthalene
Concen: 46.35 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:142 Resp: 1883973
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 33.1 28.3 42.5

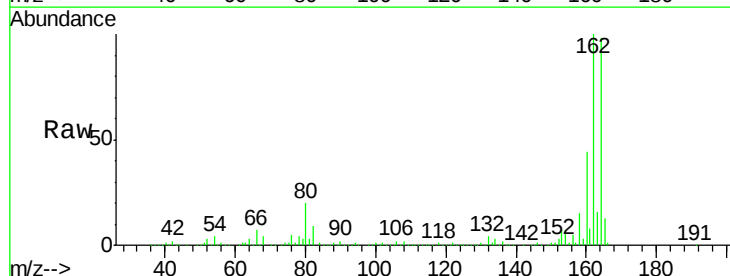


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

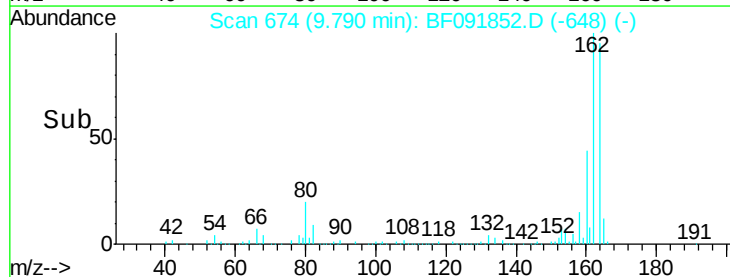
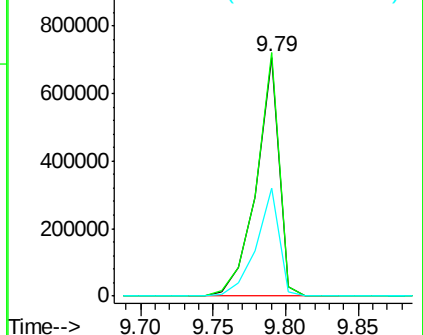


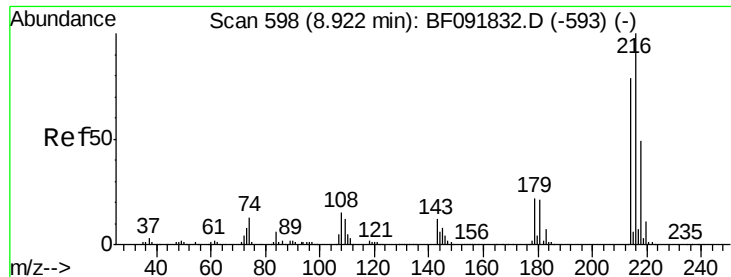
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:164 Resp: 771684
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 45.3 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: 38.03 ng

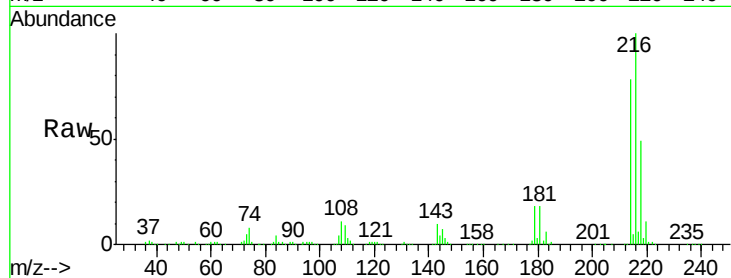
RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

Tgt Ion:	216	Resp:	741426
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	21.6	17.4	26.2
108	21.9	15.6	23.4

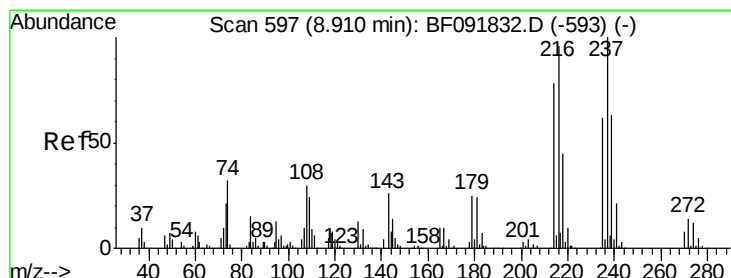
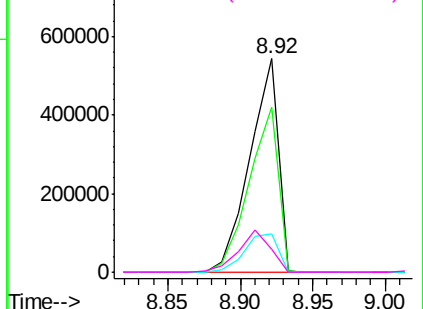
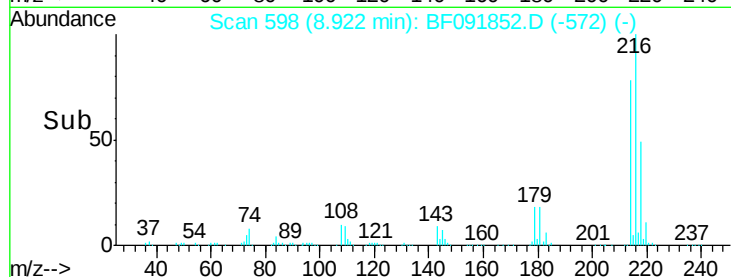


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.27 ng

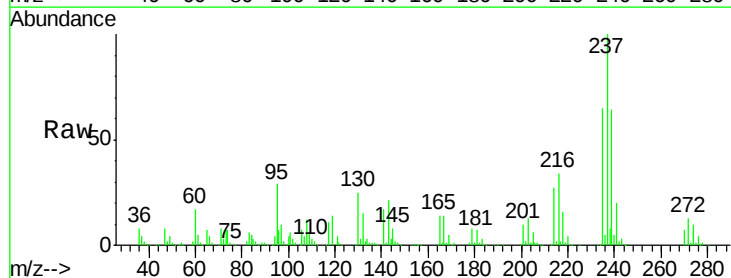
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

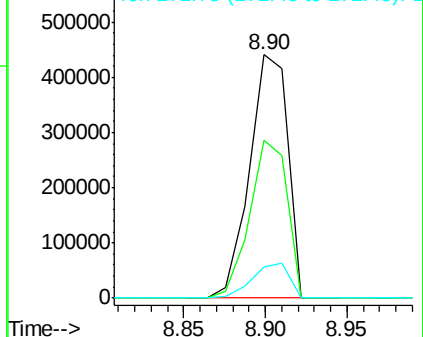
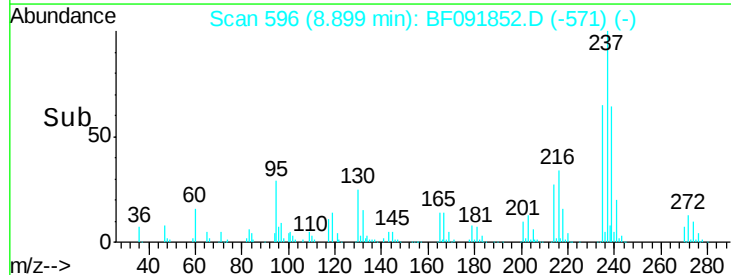
Tgt Ion:	237	Resp:	715410
Ion	Ratio	Lower	Upper
237	100		
235	64.8	41.2	81.2
272	12.9	0.0	35.4

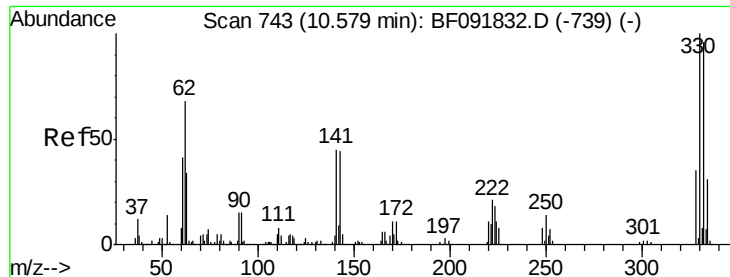


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

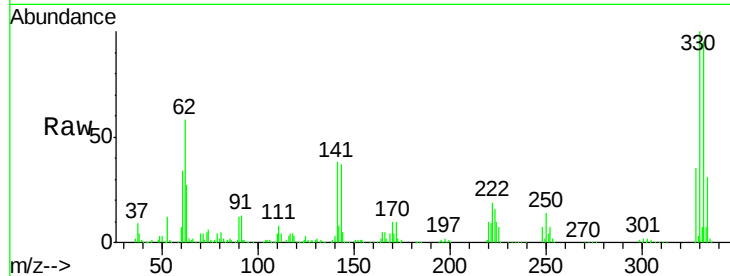
Ion 271.75 (271.45 to 272.45): E



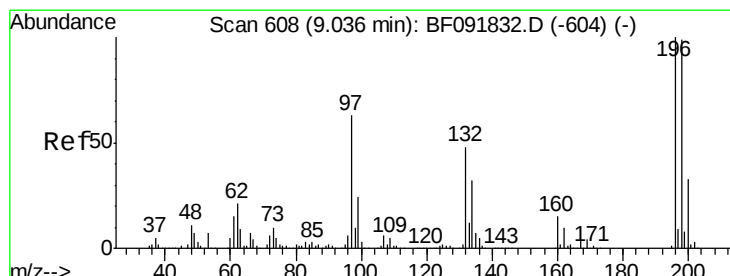
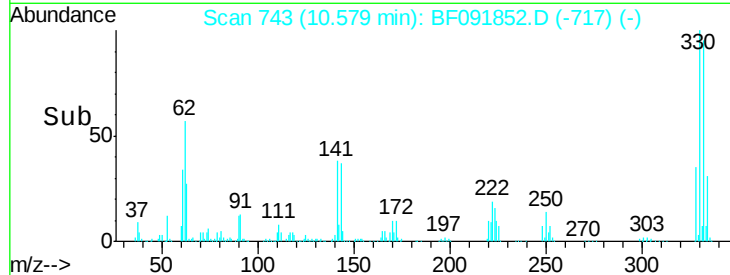
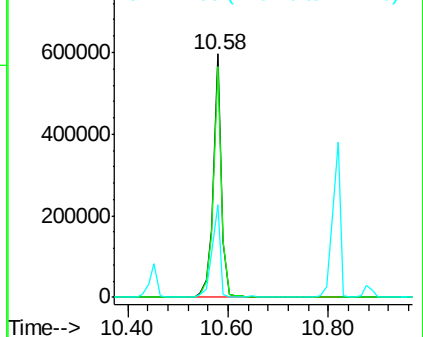


#41
 2,4,6-Tribromophenol
 Concen: 105.31 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:330 Resp: 672552
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 38.4 34.1 51.1

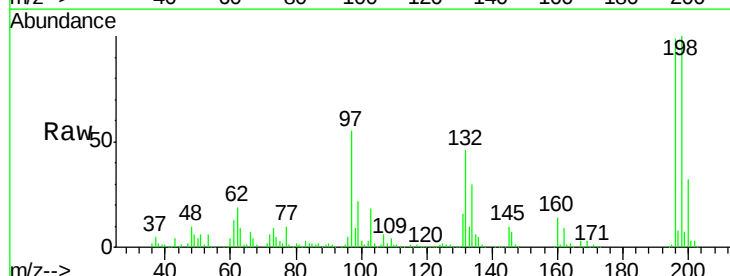


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

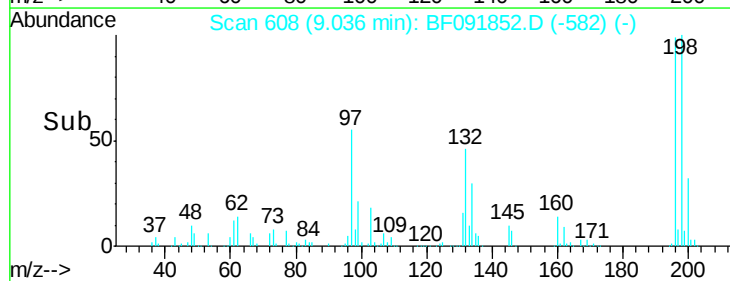
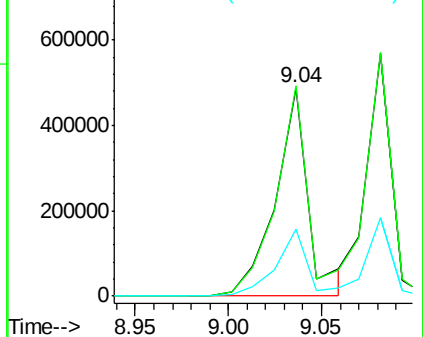


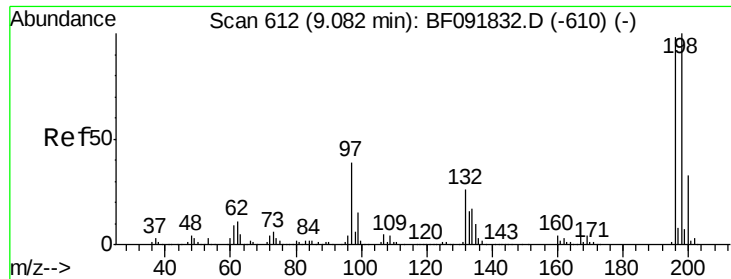
#42
 2,4,6-Trichlorophenol
 Concen: 43.80 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:196 Resp: 597216
 Ion Ratio Lower Upper
 196 100
 198 100.7 82.1 123.1
 200 32.3 27.0 40.4



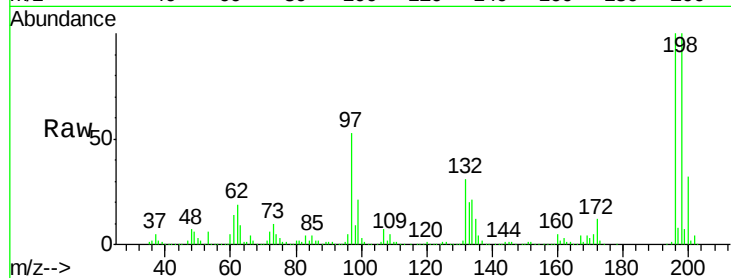
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



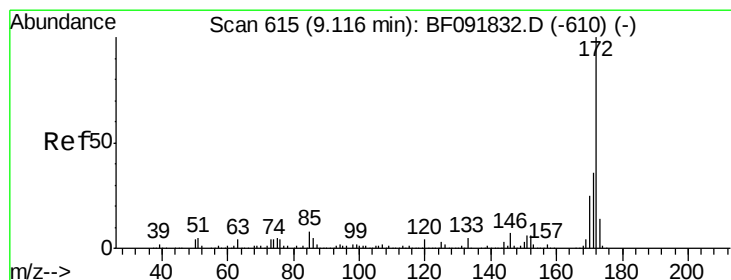
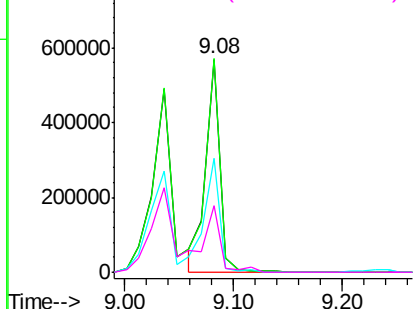
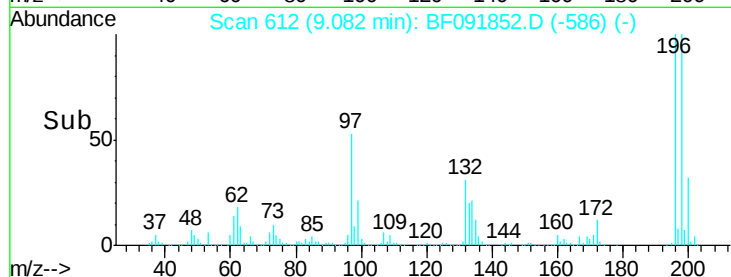


#43
 2,4,5-Trichlorophenol
 Concen: 36.77 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:	196	Resp:	516010
Ion	Ratio	Lower	Upper
196	100		
198	100.5	79.4	119.2
97	53.4	51.5	77.3
132	31.5	27.4	41.2

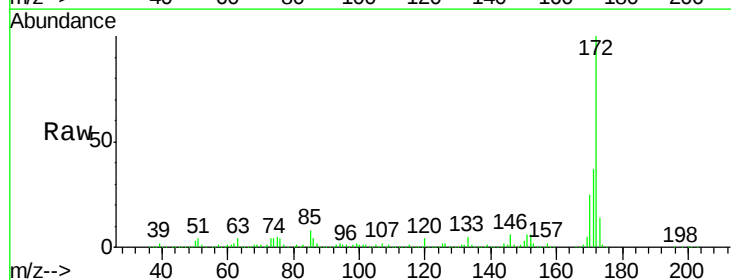


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

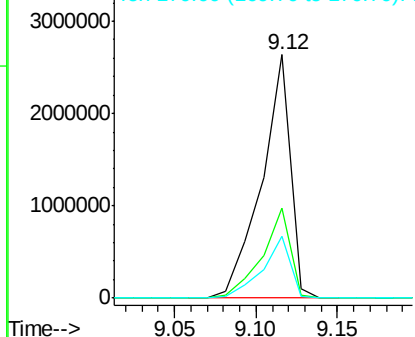
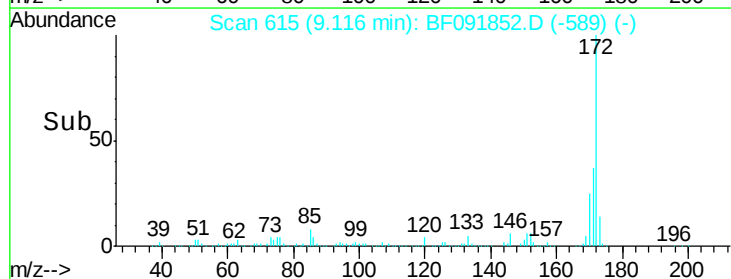


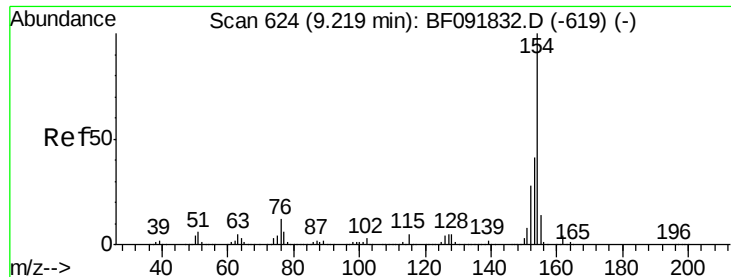
#44
 2-Fluorobiphenyl
 Concen: 86.19 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:	172	Resp:	3239371
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.4	20.2	30.4



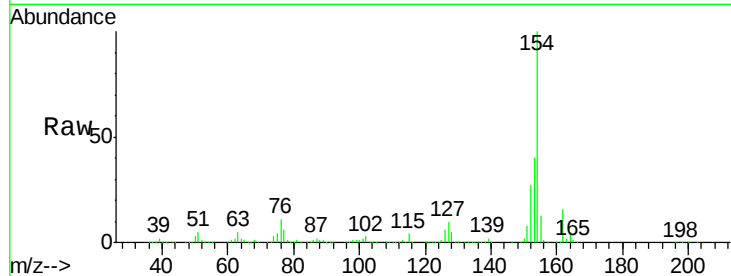
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



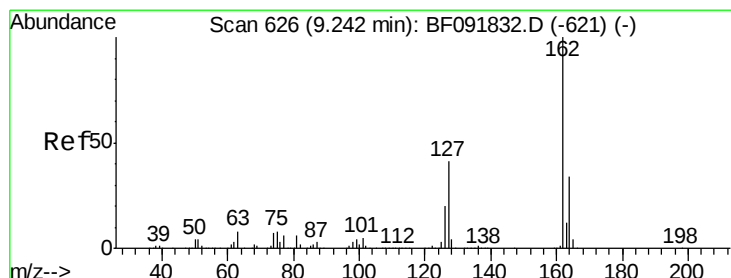
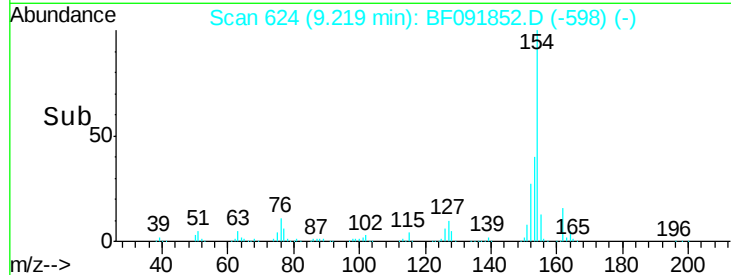
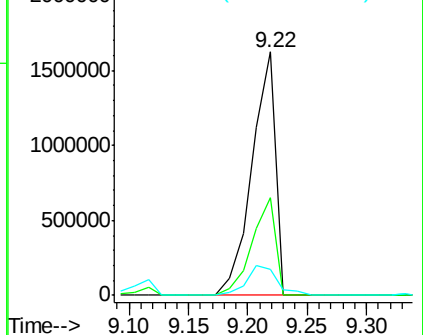


#45
 1,1'-Biphenyl
 Concen: 42.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:154 Resp: 2247583
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.9 60.9
 76 10.6 0.0 30.5

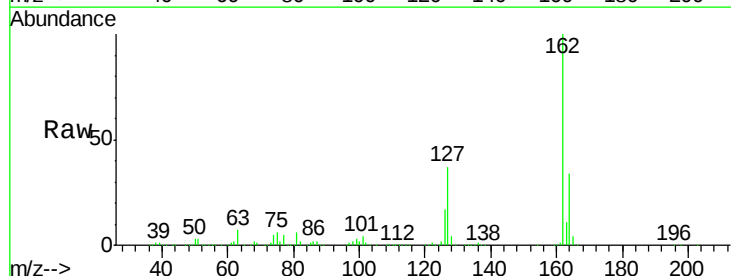


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

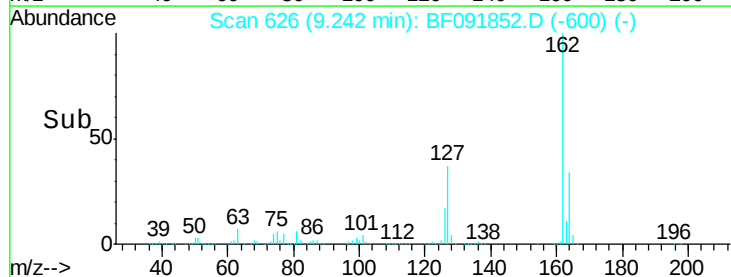
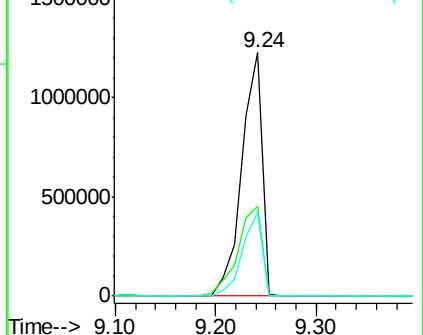


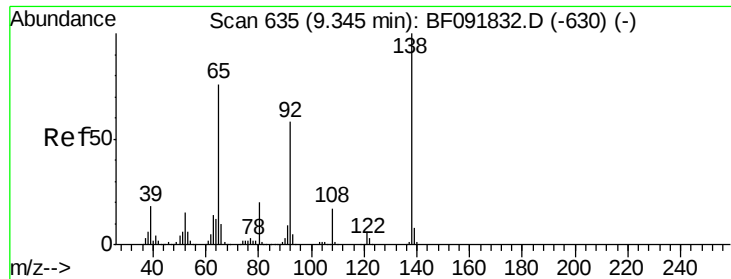
#46
 2-Chloronaphthalene
 Concen: 41.03 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:162 Resp: 1716704
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.7 46.1
 164 34.4 27.6 41.4



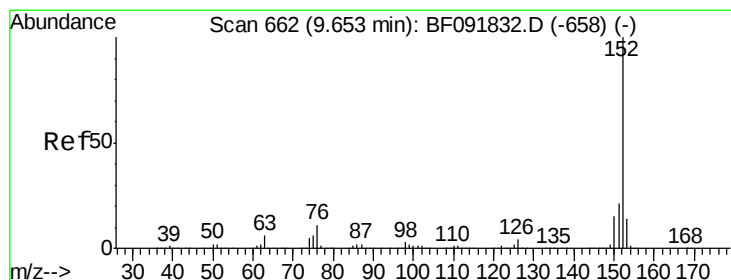
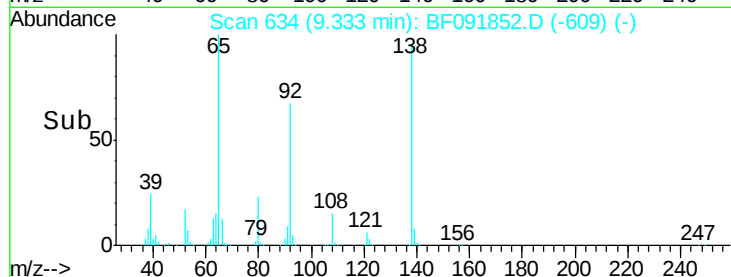
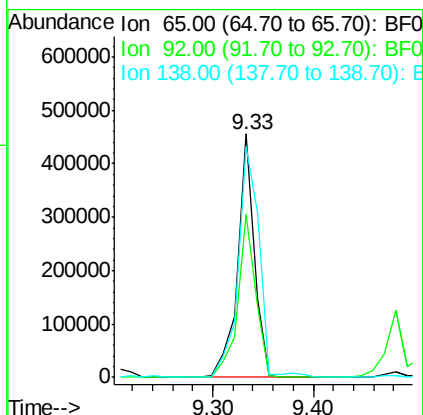
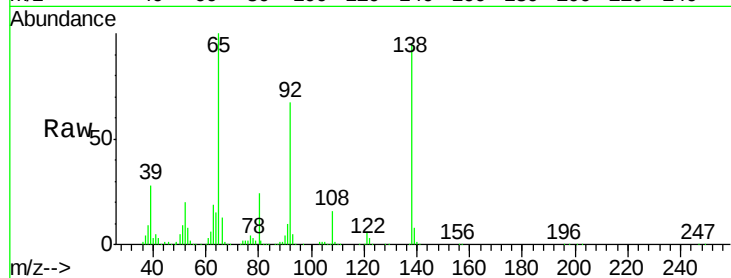
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





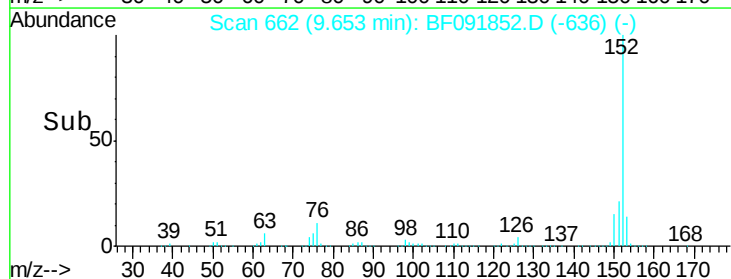
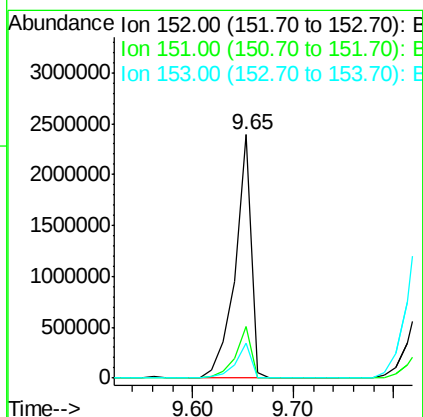
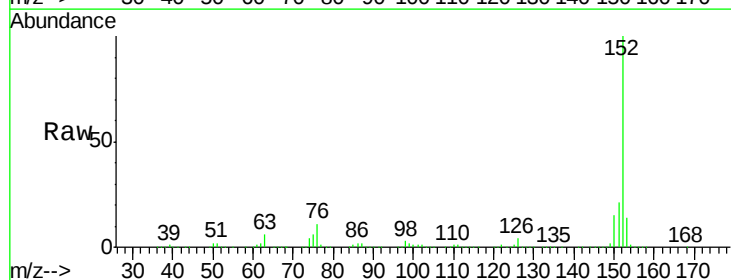
#47
2-Nitroaniline
Concen: 35.52 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

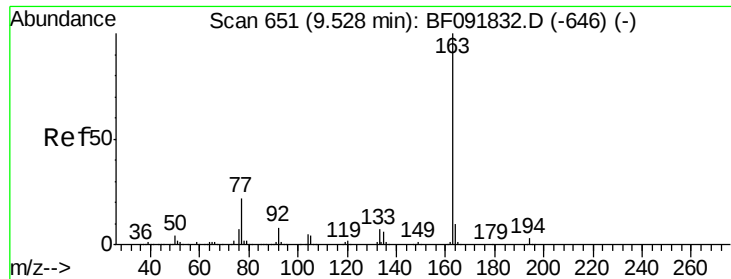
Tgt Ion: 65 Resp: 529135
Ion Ratio Lower Upper
65 100
92 66.8 53.9 80.9
138 94.8 76.8 115.2



#48
Acenaphthylene
Concen: 40.95 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion: 152 Resp: 2635257
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 14.5 11.4 17.2

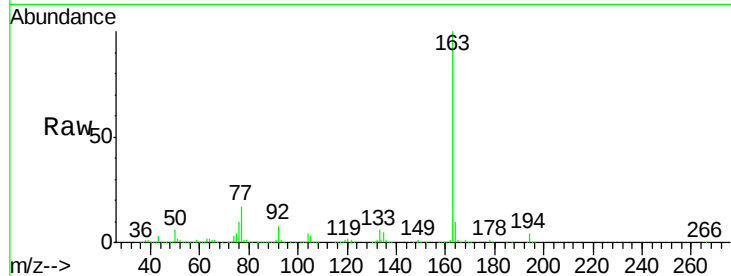




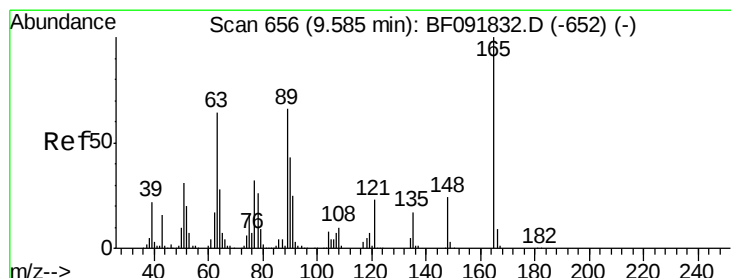
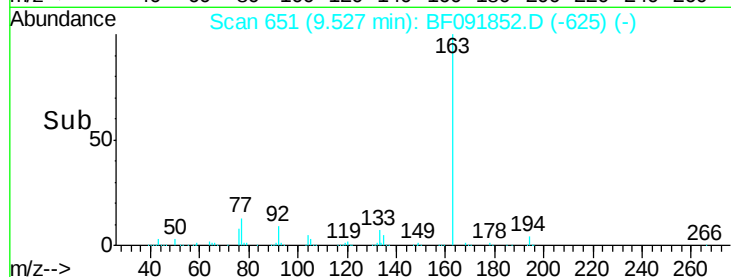
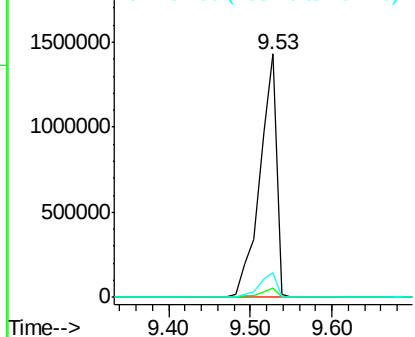
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:163 Resp: 2041271

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.0	8.0	12.0



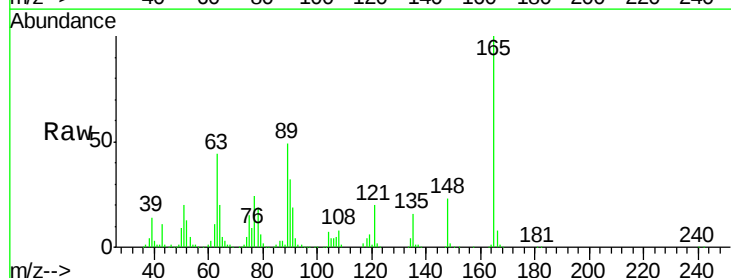
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



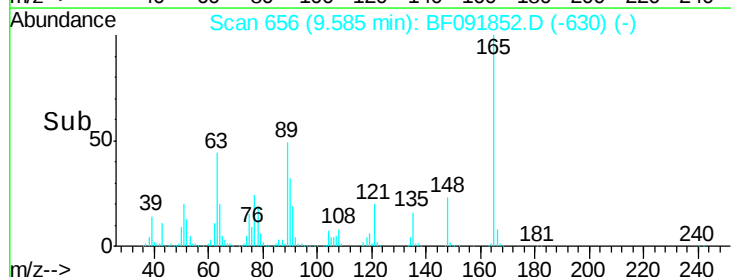
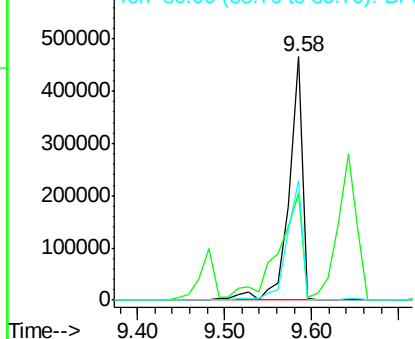
#50
2,6-Dinitrotoluene
Concen: 46.74 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

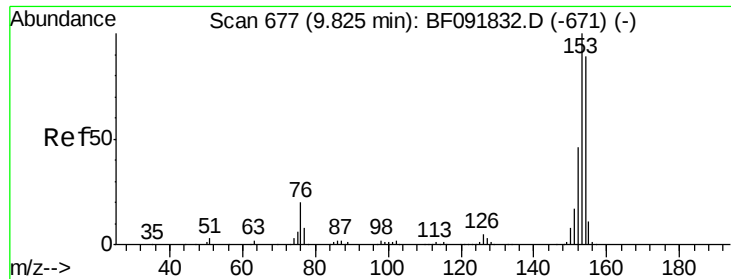
Tgt Ion:165 Resp: 504936

Ion	Ratio	Lower	Upper
165	100		
63	43.8	36.2	54.4
89	48.8	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: 39.25 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

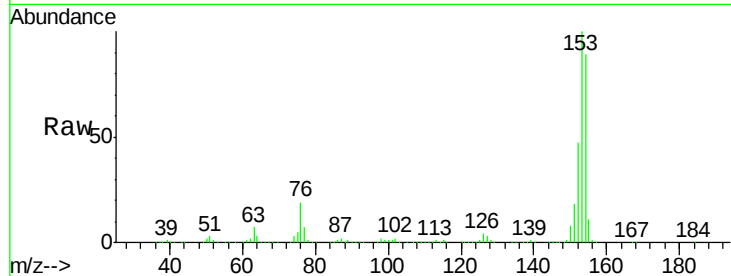
Tgt Ion:154 Resp: 1712310

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

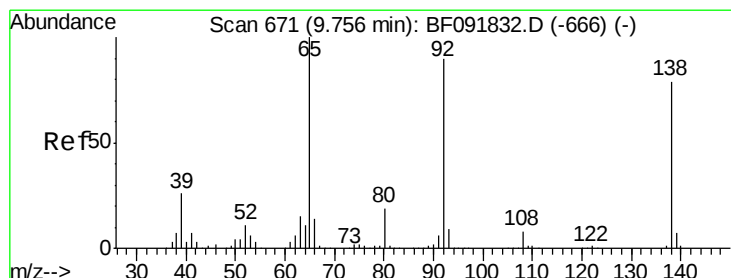
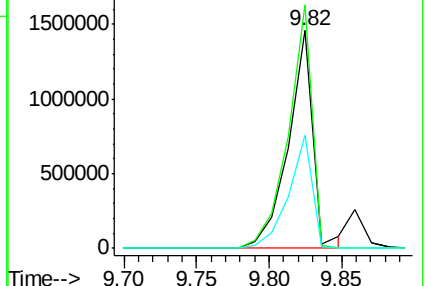
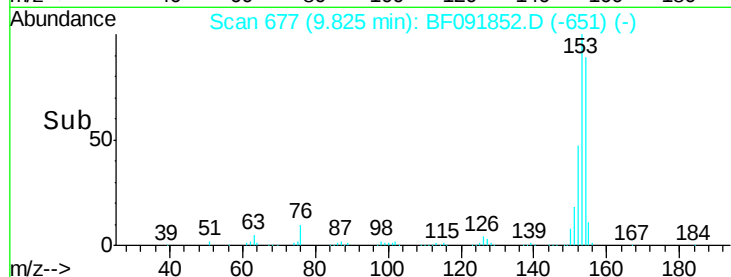
152 52.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.14 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

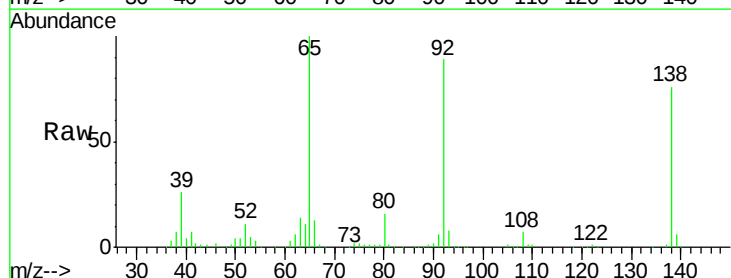
Tgt Ion:138 Resp: 175622

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

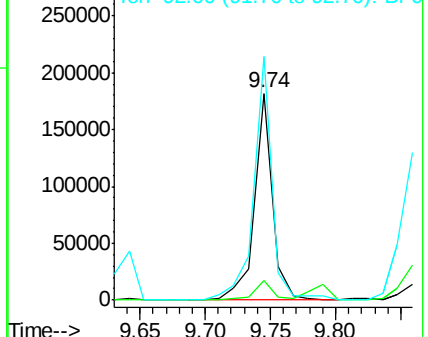
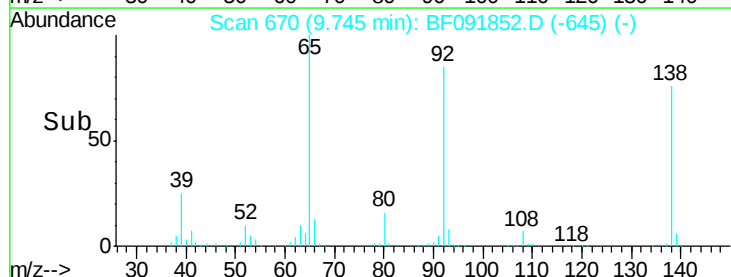
92 117.9 97.8 146.8

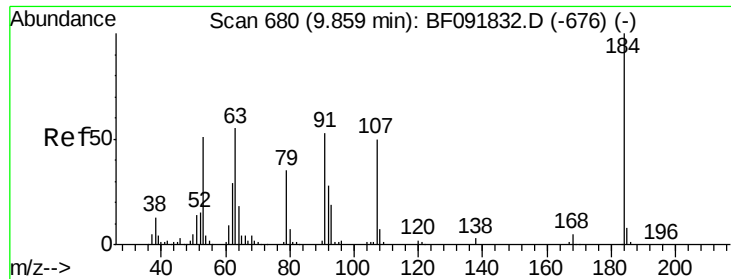


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

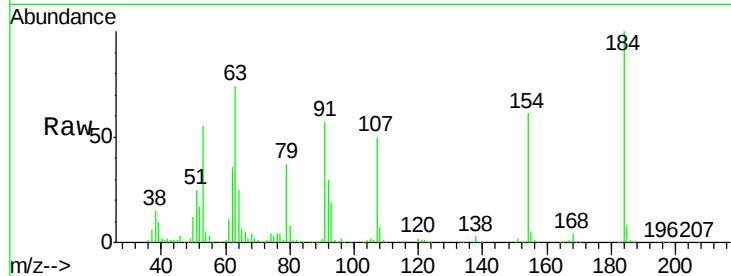
Ion 92.00 (91.70 to 92.70): BF0



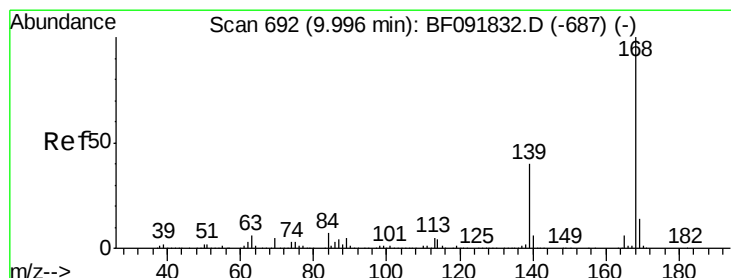
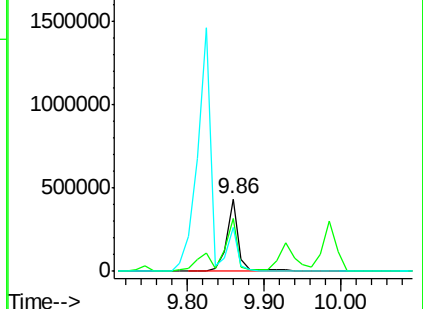
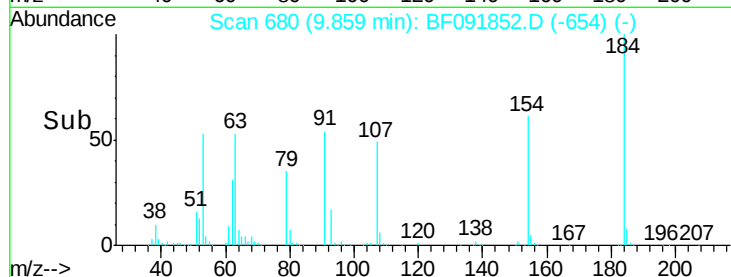


#53
2,4-Dinitrophenol
Concen: 79.82 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:184 Resp: 479758
Ion Ratio Lower Upper
184 100
63 73.8 28.4 42.6#
154 60.8 44.3 66.5

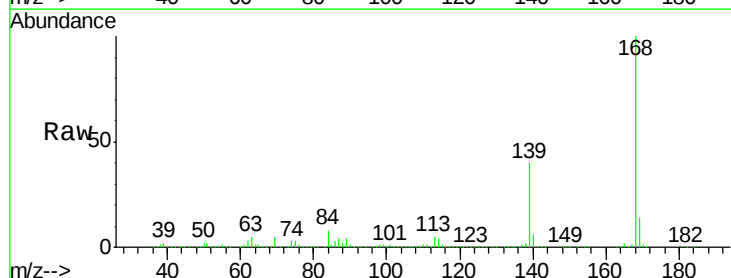


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

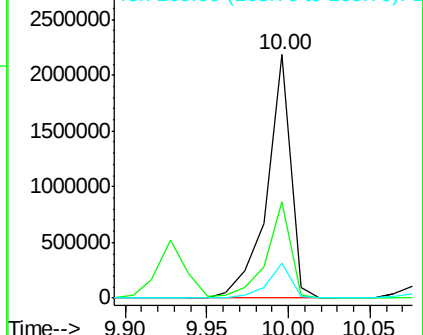
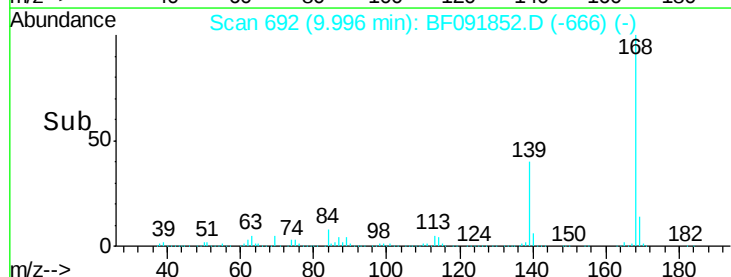


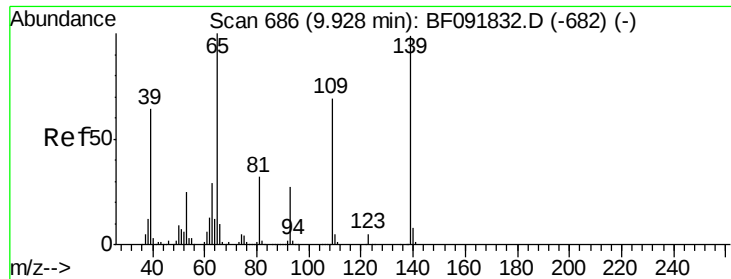
#54
Dibenzofuran
Concen: 37.74 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:168 Resp: 2223653
Ion Ratio Lower Upper
168 100
139 39.6 32.6 49.0
169 14.2 11.3 16.9



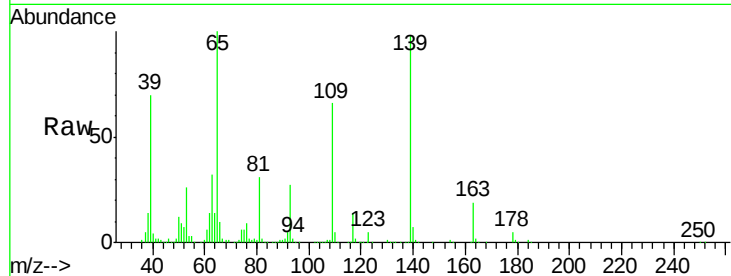
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



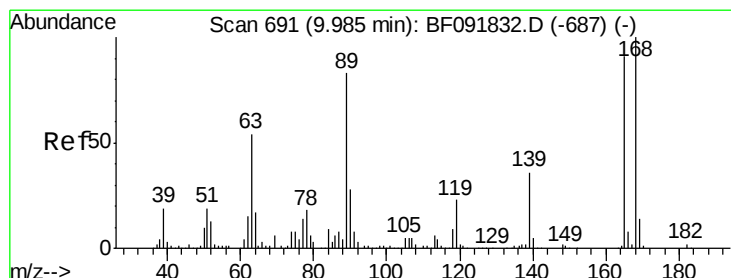
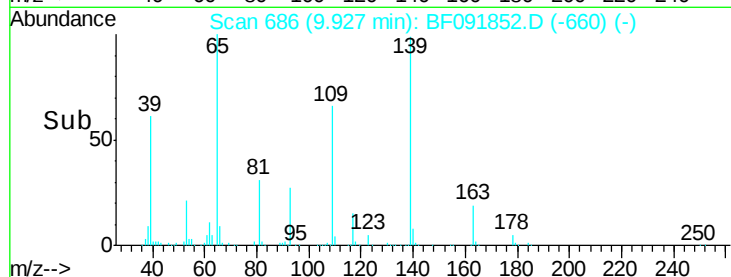
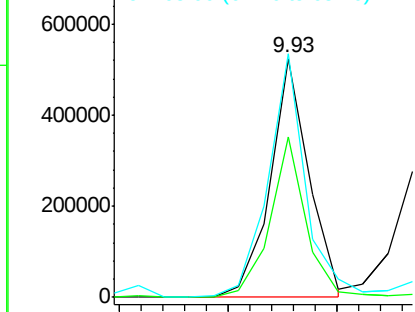


#55
4-Nitrophenol
Concen: 71.83 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:139 Resp: 652048
Ion Ratio Lower Upper
139 100
109 67.1 52.2 92.2
65 102.0 85.8 125.8

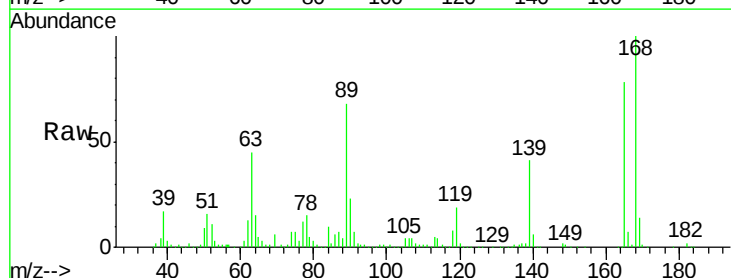


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

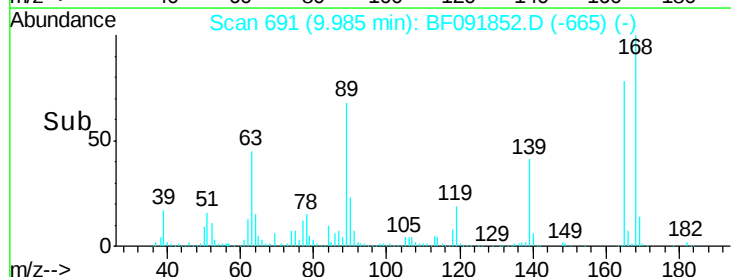
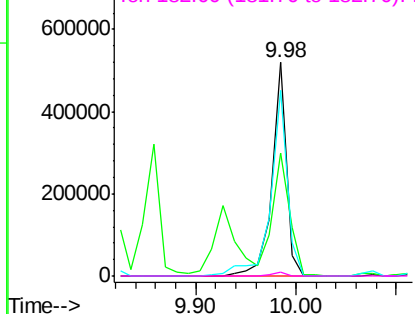


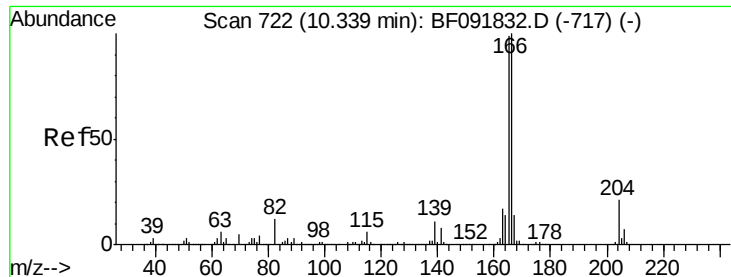
#56
2,4-Dinitrotoluene
Concen: 38.07 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:165 Resp: 516148
Ion Ratio Lower Upper
165 100
63 57.6 40.2 60.4
89 87.1 62.5 93.7
182 2.0 1.8 2.8



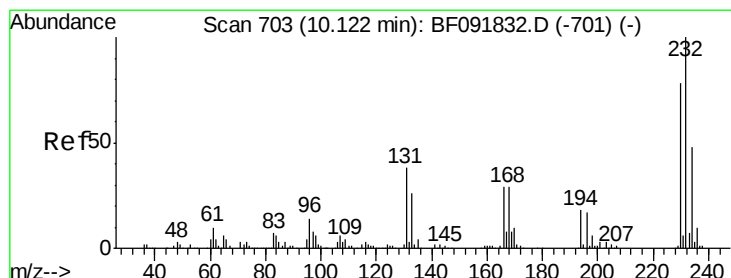
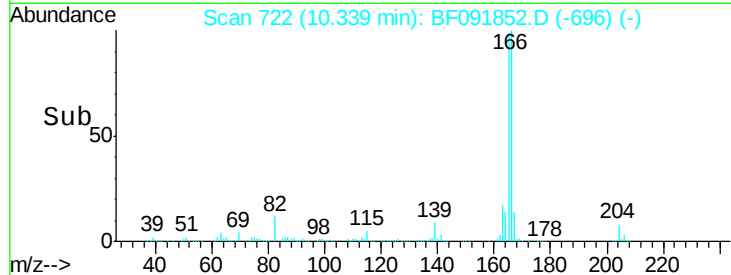
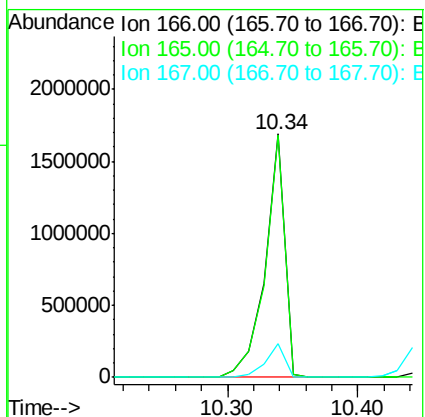
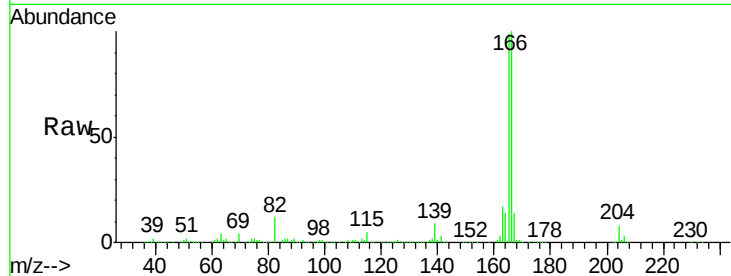
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





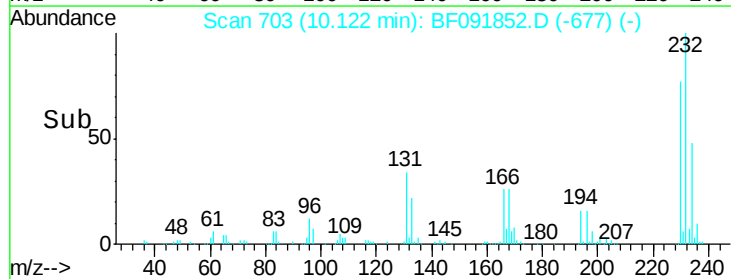
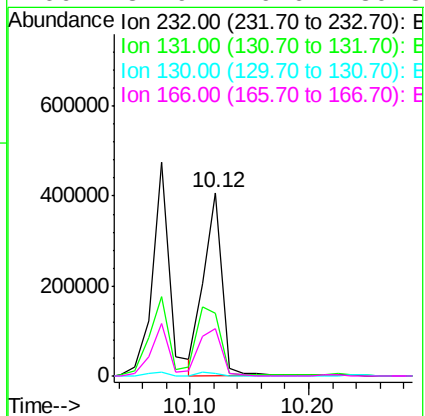
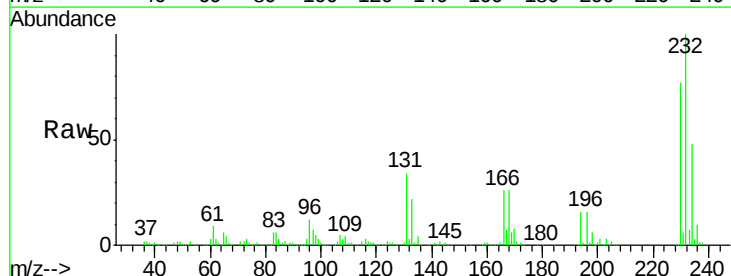
#57
Fluorene
 Concen: 41.51 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

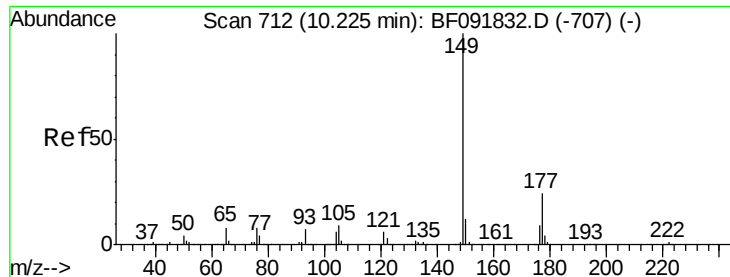
Tgt Ion:166 Resp: 1779159
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.8 116.8
 167 13.8 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.78 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

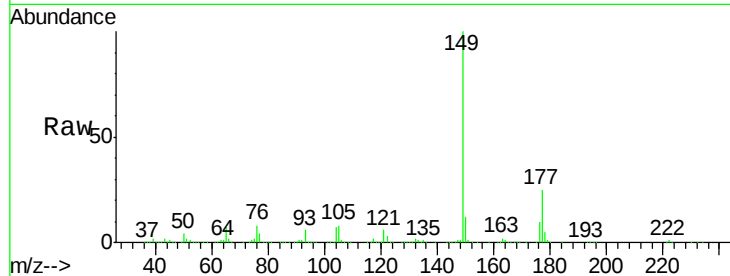
Tgt Ion:232 Resp: 441454
 Ion Ratio Lower Upper
 232 100
 131 50.6 40.1 60.1
 130 2.4 1.8 2.8
 166 32.9 26.6 39.8



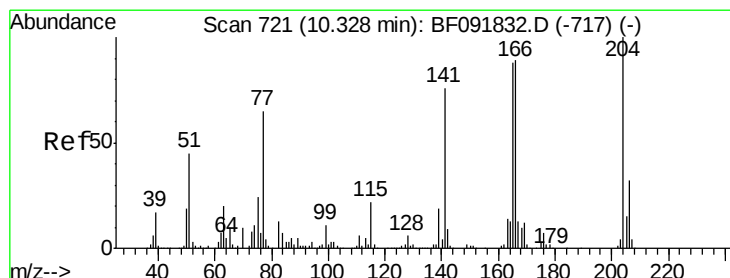
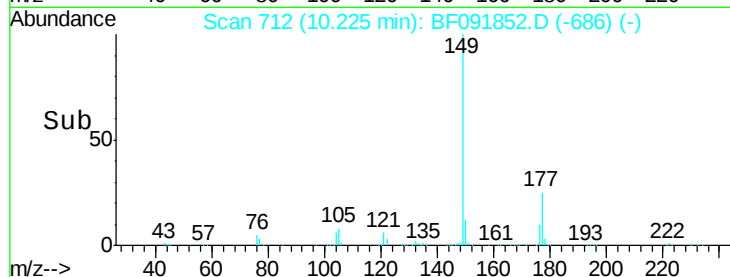
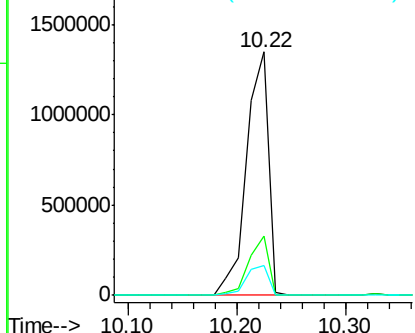


#59
Diethylphthalate
Concen: 39.30 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:149 Resp: 1883879
Ion Ratio Lower Upper
149 100
177 24.5 16.6 25.0
150 12.3 10.4 15.6

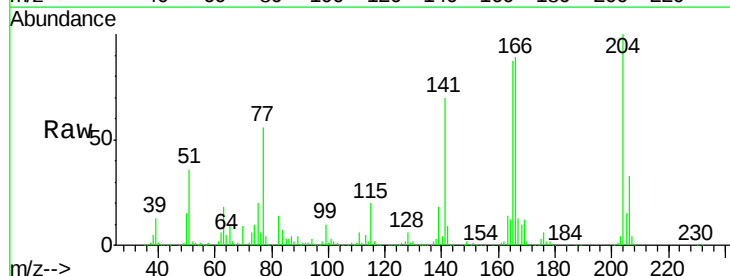


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

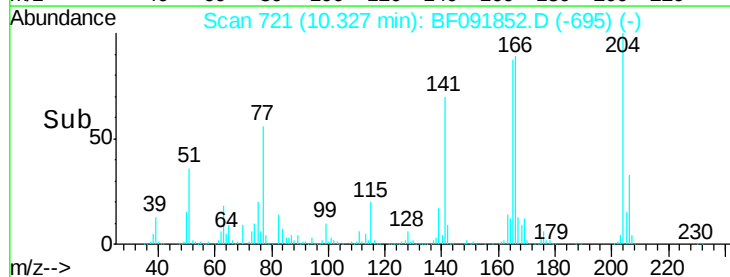
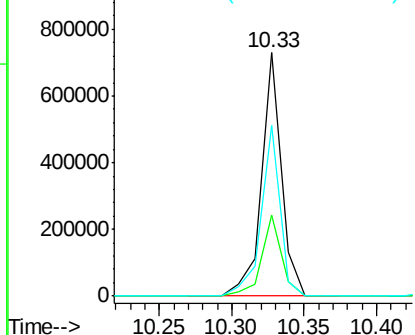


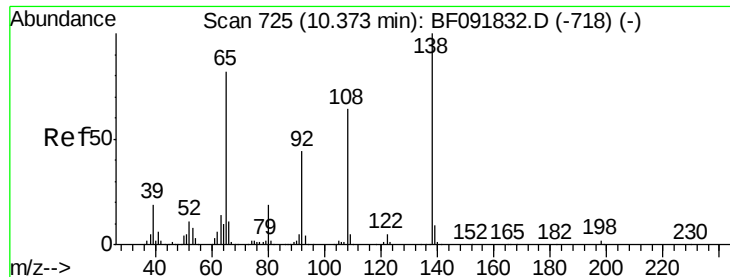
#60
4-Chlorophenyl-phenylether
Concen: 37.03 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:204 Resp: 695099
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 70.1 59.4 89.0



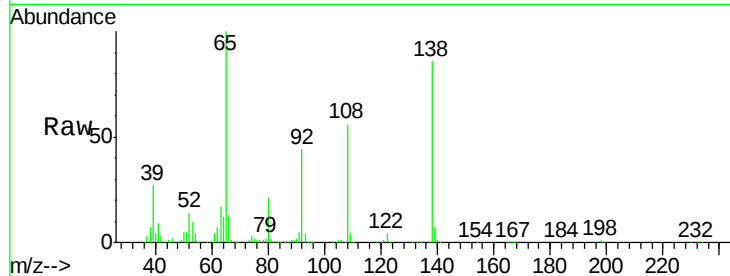
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



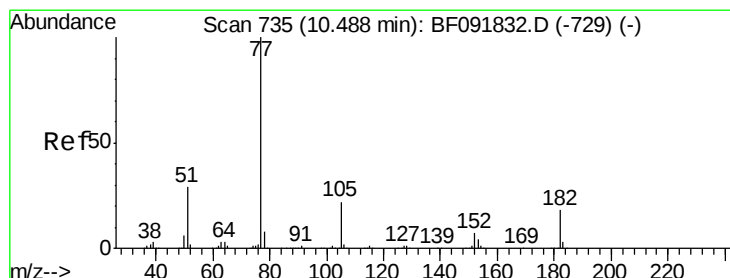
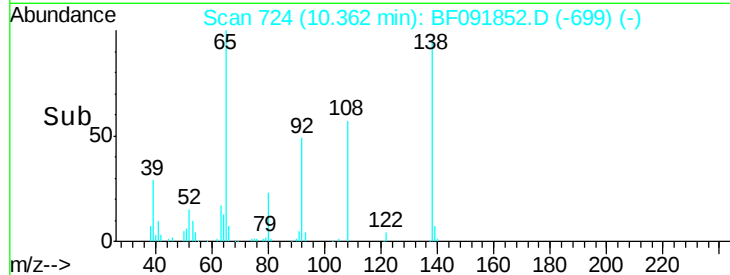
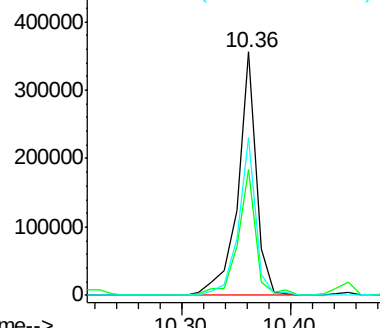


#61
4-Nitroaniline
Concen: 30.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion: 138 Resp: 422379
Ion Ratio Lower Upper
138 100
92 51.8 31.7 71.7
108 64.8 52.6 92.6

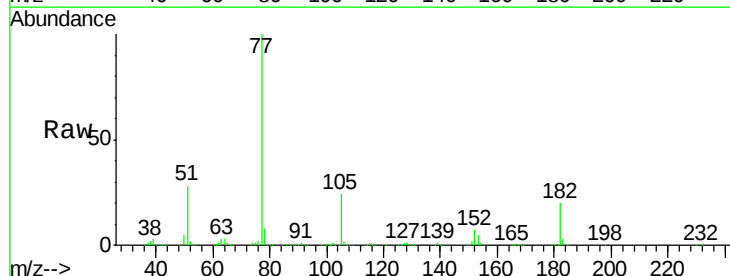


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

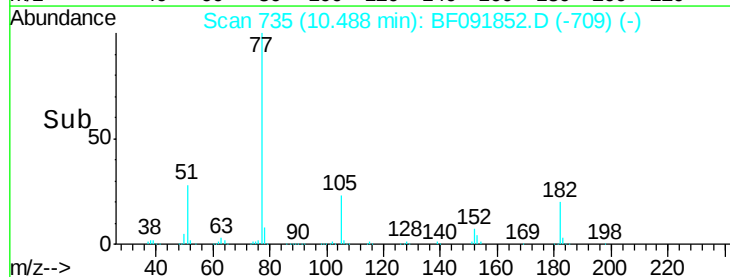
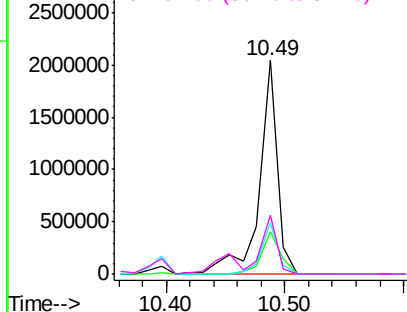


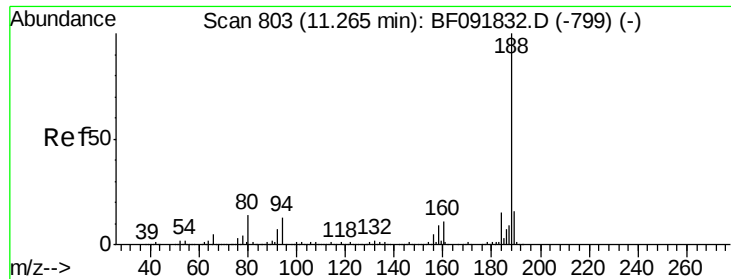
#62
Azobenzene
Concen: 41.18 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion: 77 Resp: 2173221
Ion Ratio Lower Upper
77 100
182 20.0 0.0 39.3
105 23.8 2.3 42.3
51 27.7 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: BF091852.D

Acq: 21 Dec 2016 23:51

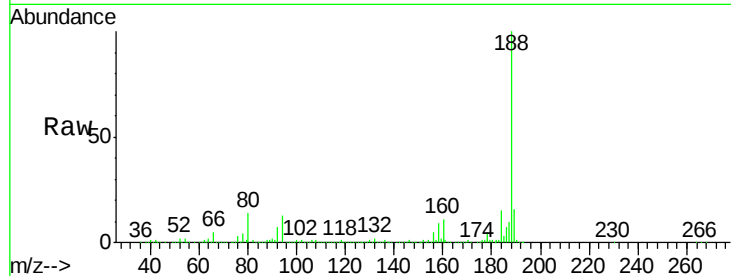
Tgt Ion:188 Resp: 1200744

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

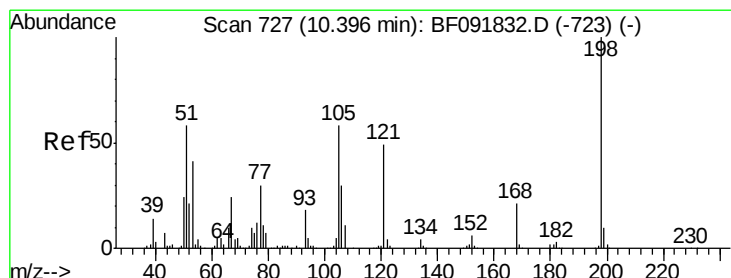
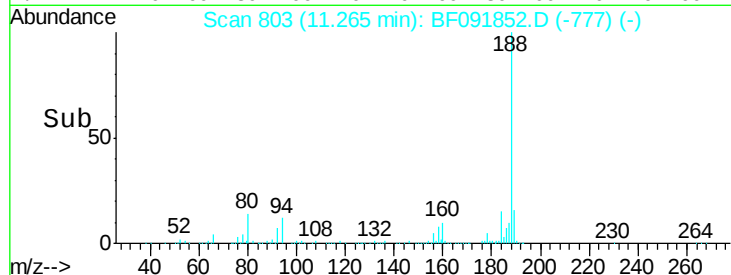
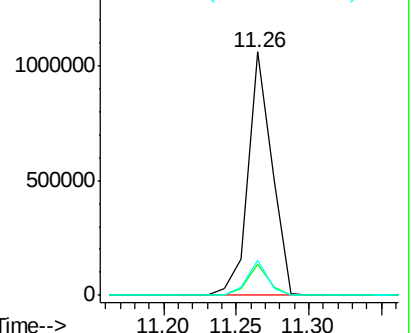
80 14.2 11.2 16.8



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: 47.09 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

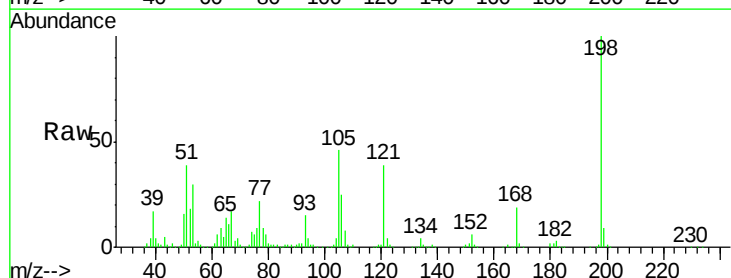
Tgt Ion:198 Resp: 341881

Ion Ratio Lower Upper

198 100

51 38.9 6.7 46.7

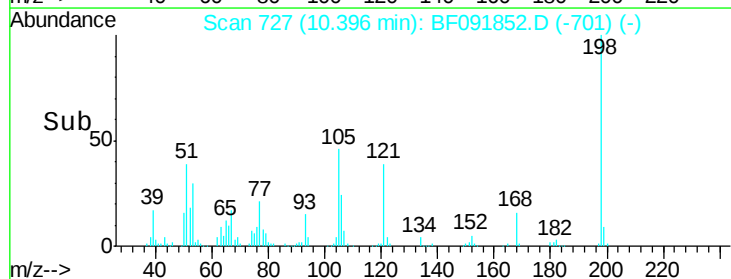
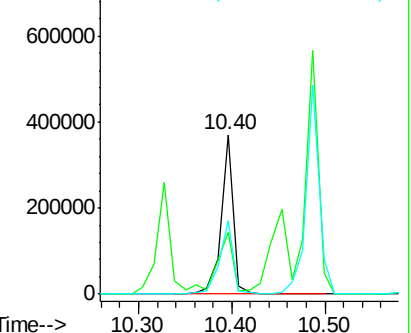
105 45.8 16.6 56.6

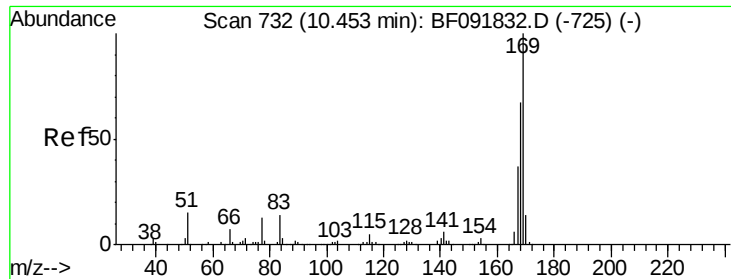


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

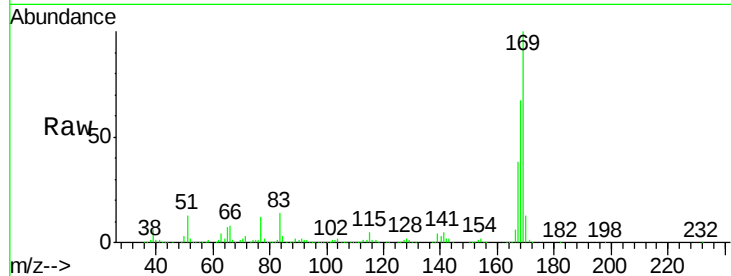
Ion 105.00 (104.70 to 105.70): E



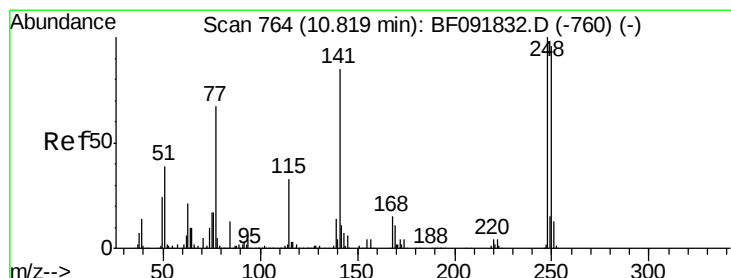
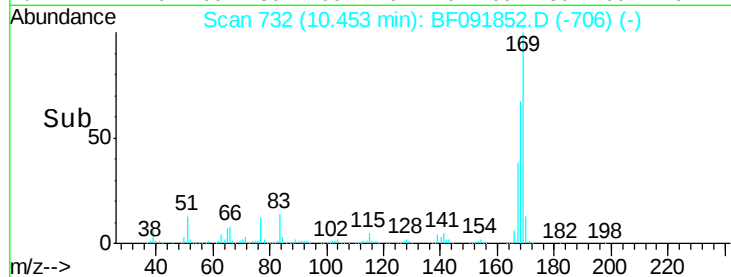
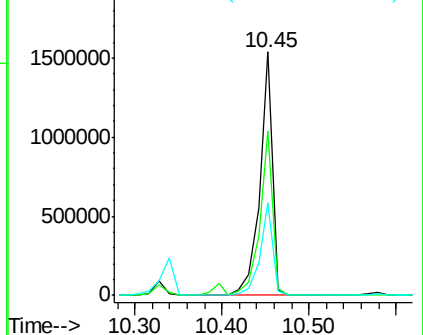


#65
 n-Nitrosodiphenylamine
 Concen: 44.60 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:	169	Resp:	1588940
Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.2	81.2
167	38.2	30.2	45.4

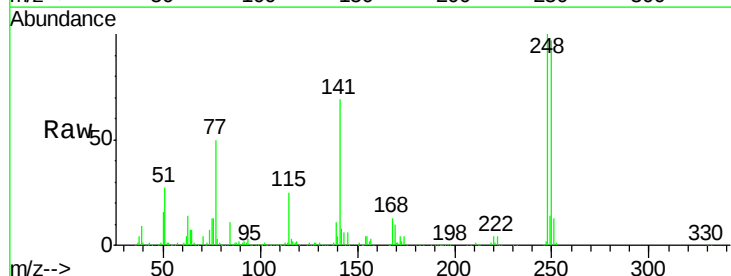


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

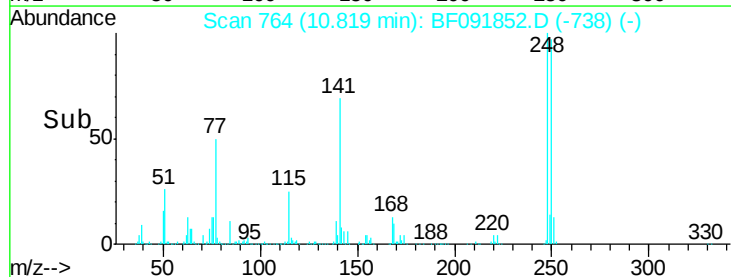
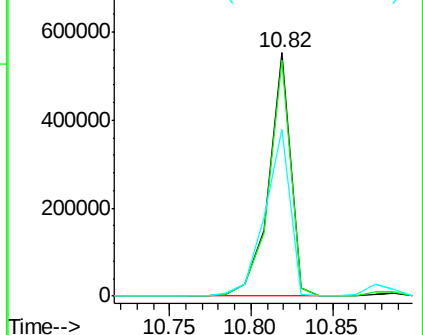


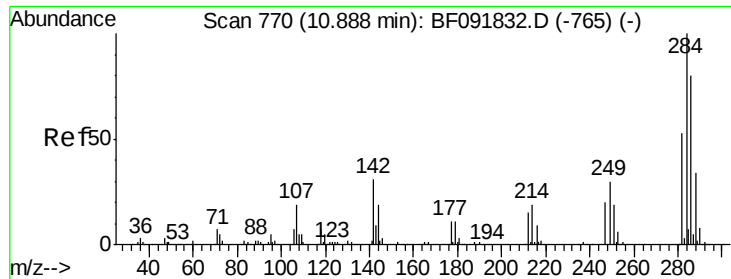
#66
 4-Bromophenyl-phenylether
 Concen: 41.39 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:	248	Resp:	517005
Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	68.8	68.2	102.4



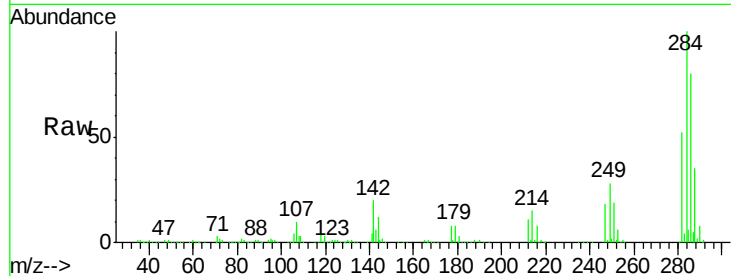
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



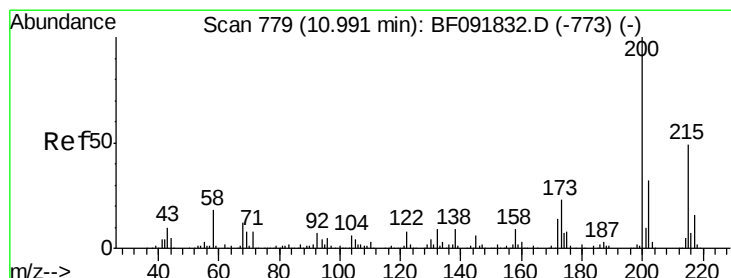
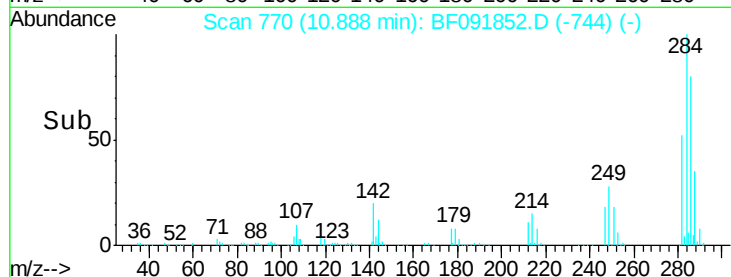
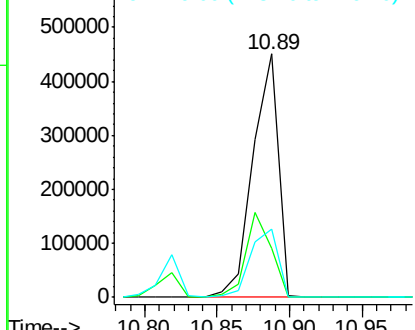


#67
Hexachlorobenzene
Concen: 41.18 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	20.3	22.6	33.8#
249	28.2	25.4	38.0

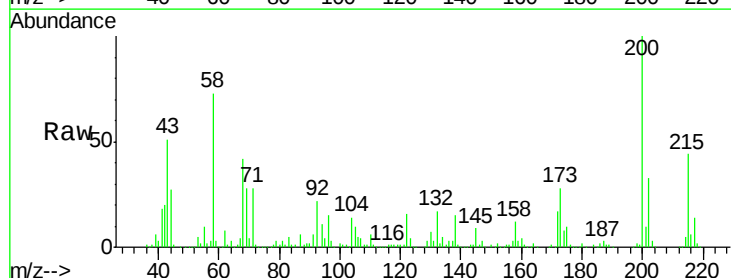


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

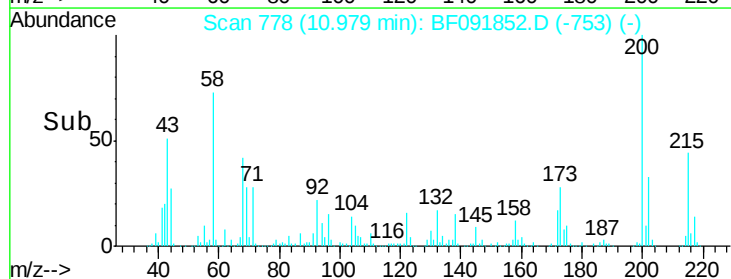
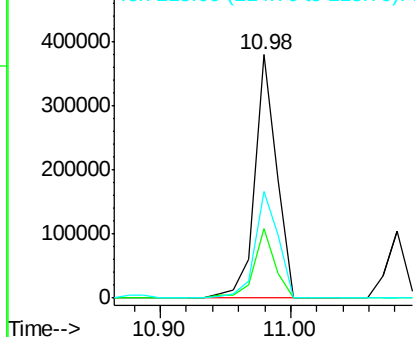


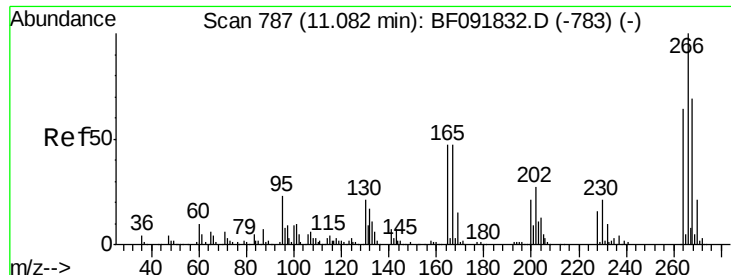
#68
Atrazine
Concen: 38.64 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.6	49.6
215	44.1	25.7	65.7



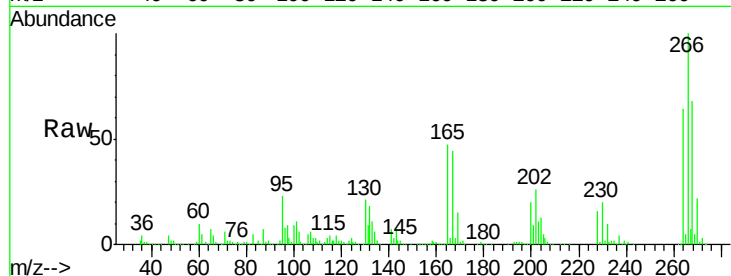
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



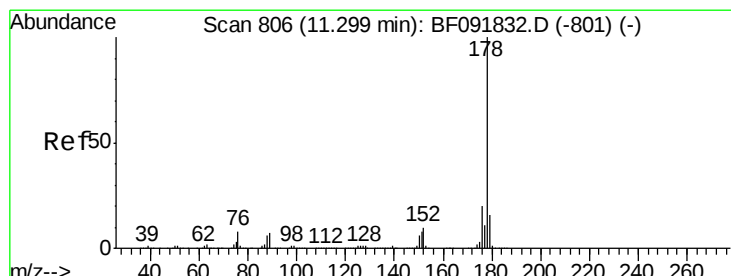
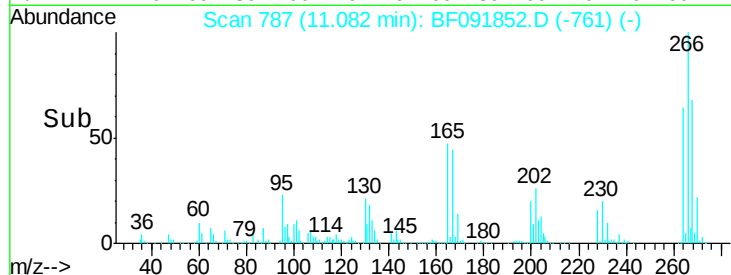
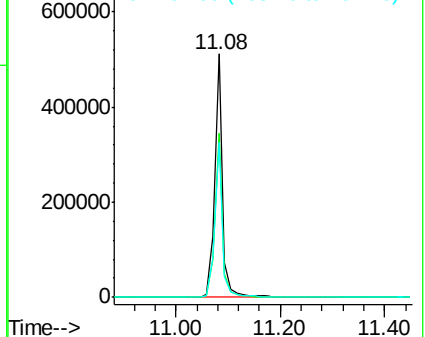


#69
 Pentachlorophenol
 Concen: 81.22 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	53.3	79.9
264	63.8	50.3	75.5

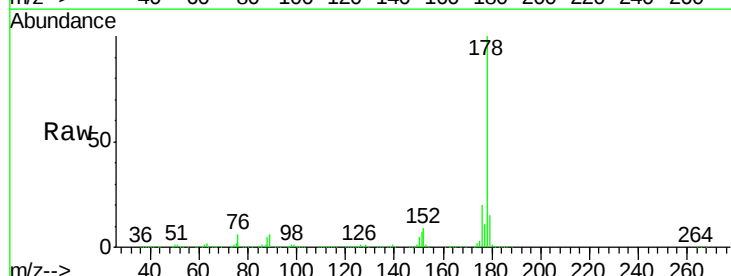


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

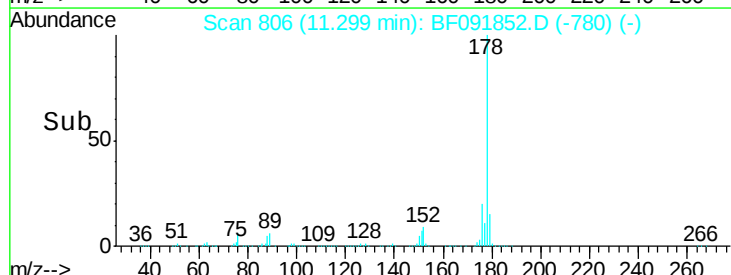
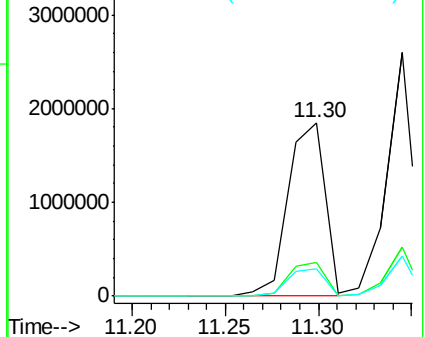


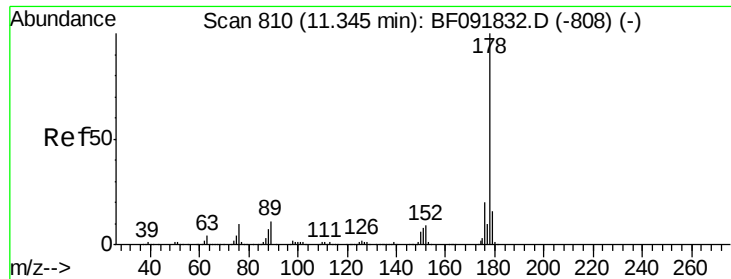
#70
 Phenanthrene
 Concen: 39.33 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.5	12.8	19.2



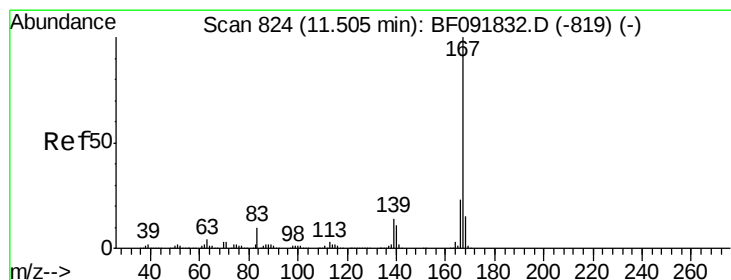
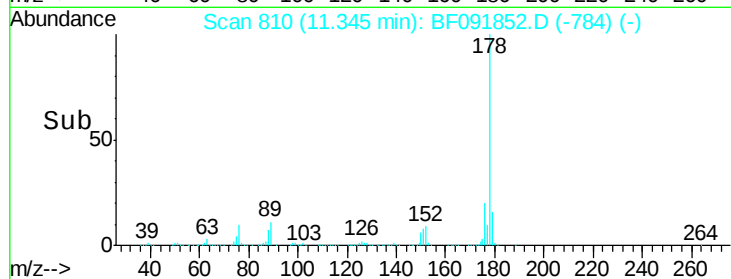
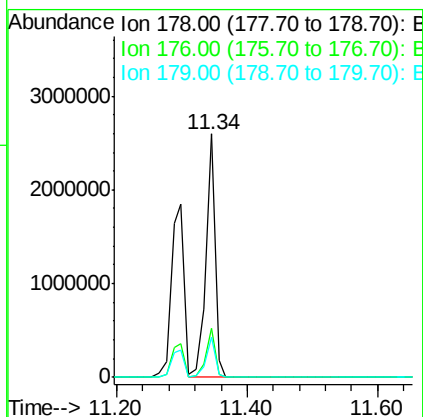
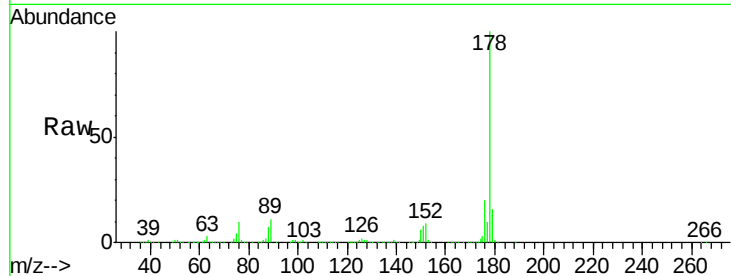
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





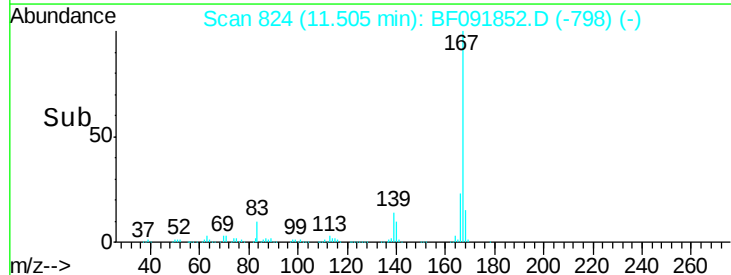
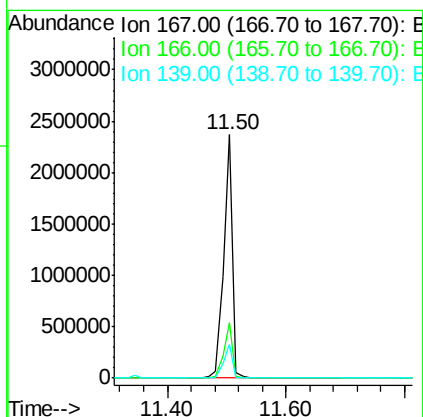
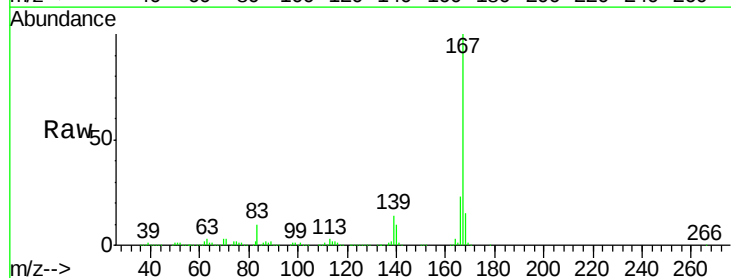
#71
 Anthracene
 Concen: 41.91 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

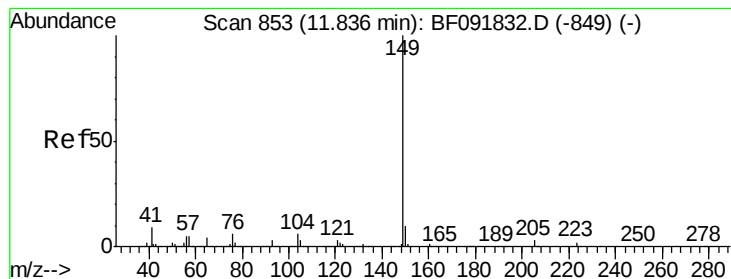
Tgt Ion:178 Resp: 2476905
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 16.4 13.2 19.8



#72
 Carbazole
 Concen: 45.32 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion:167 Resp: 2422500
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 13.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.33 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

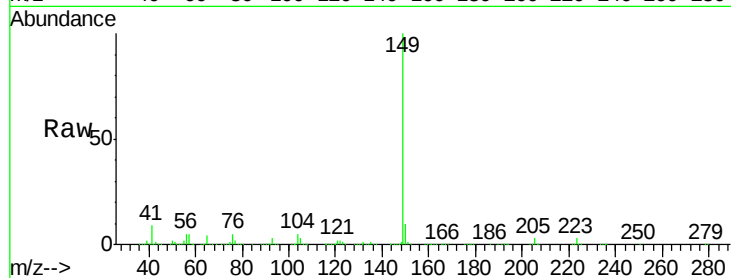
Tgt Ion:149 Resp: 2514257

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

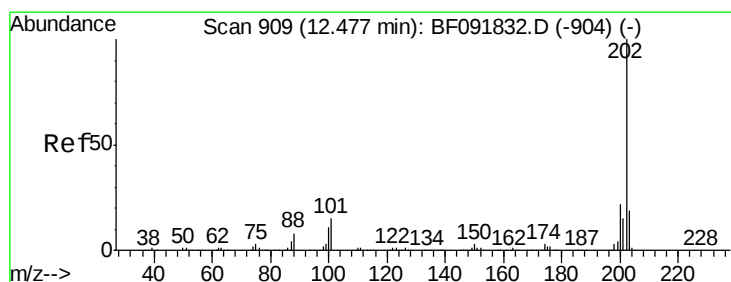
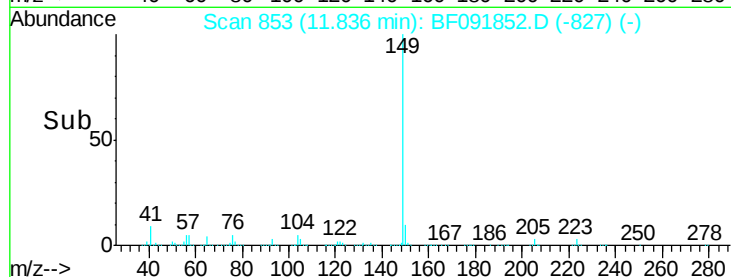
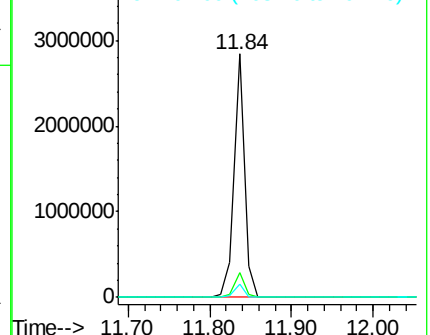
104 5.5 4.6 7.0



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: 40.04 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

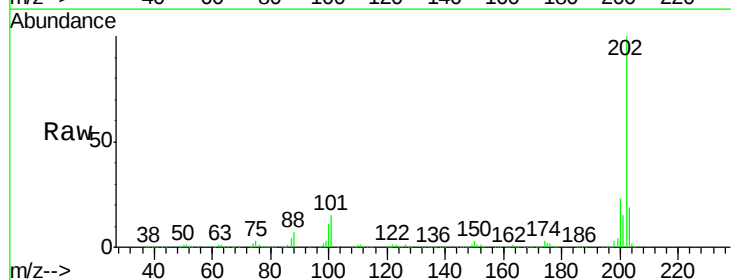
Tgt Ion:202 Resp: 2311208

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.6

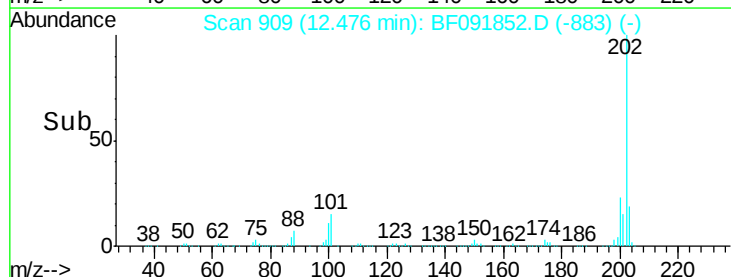
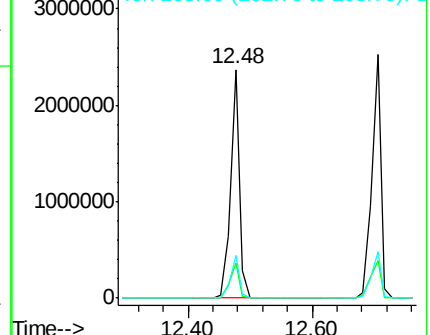
203 18.8 0.0 38.7

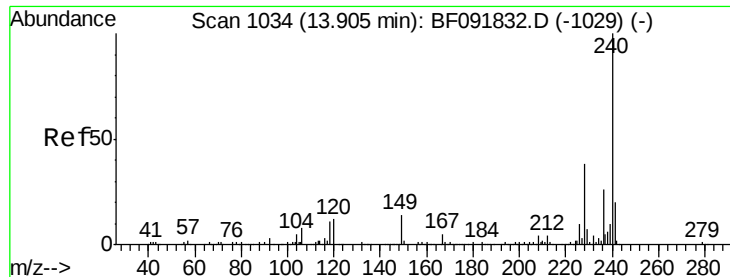


Abundance Ion 202.00 (201.70 to 202.70): E

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

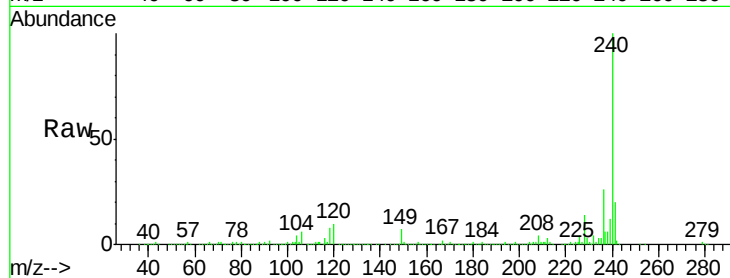
RT: 13.90 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

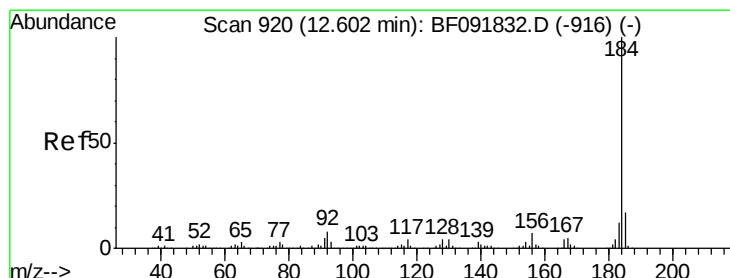
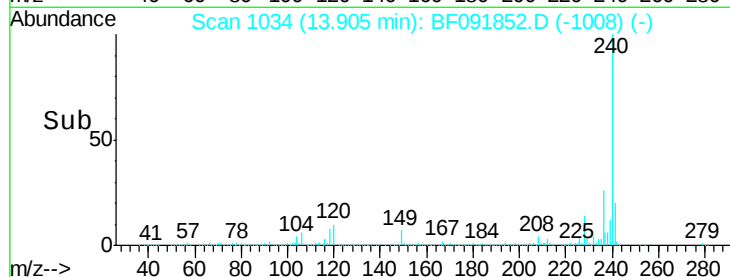
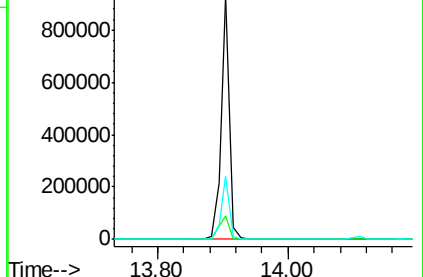
Tgt Ion:	240	Resp:	840062
Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.9	19.3#
236	26.1	20.9	31.3



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: 11.91 ng

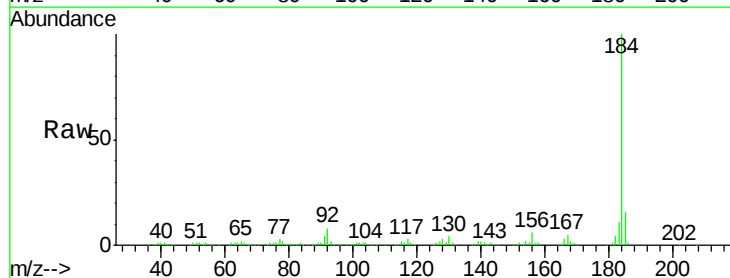
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

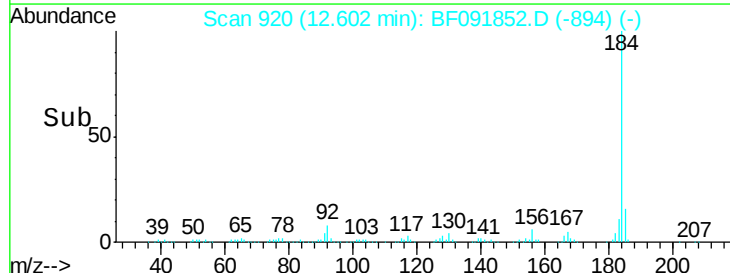
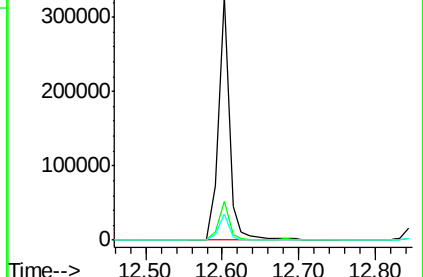
Tgt Ion:	184	Resp:	330407
Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.4	20.0
183	10.8	9.2	13.8

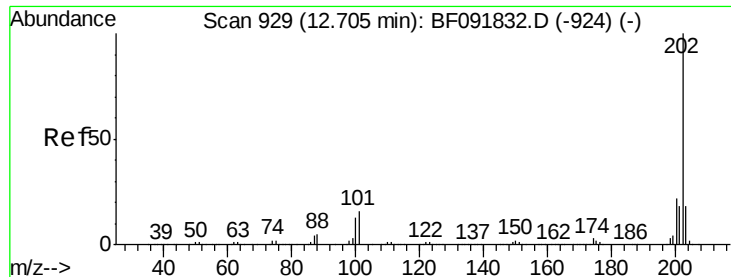


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

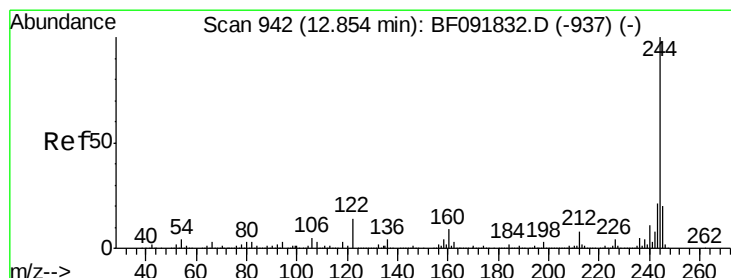
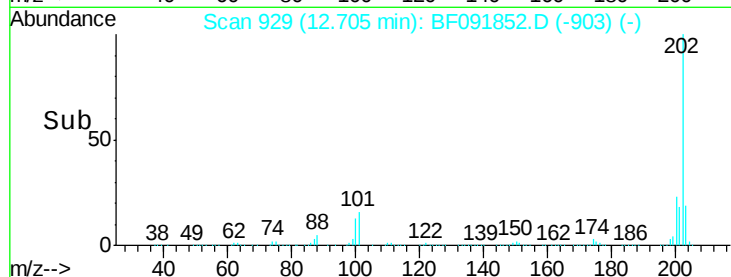
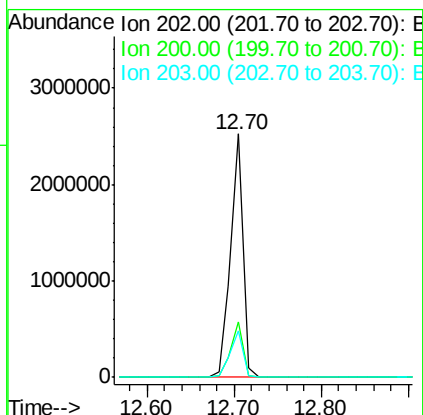
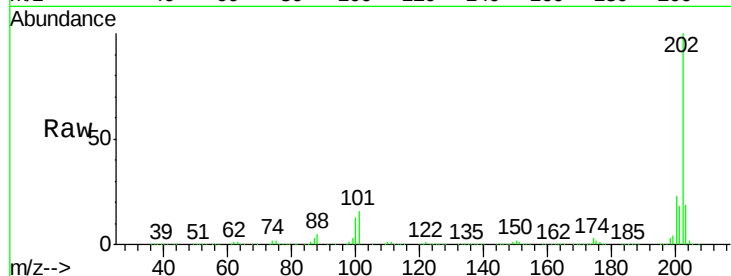




#77
 Pyrene
 Concen: 40.60 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion: 202 Resp: 2502575

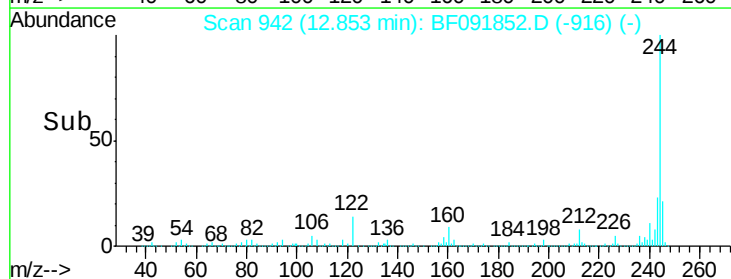
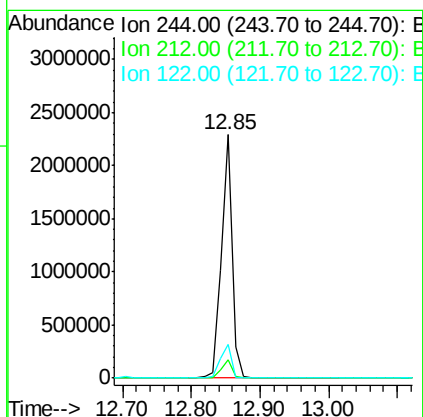
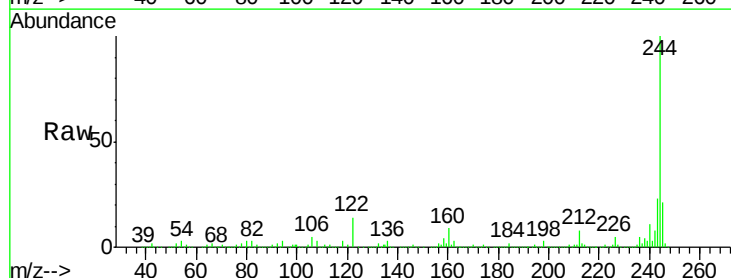
Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	18.9	14.7	22.1

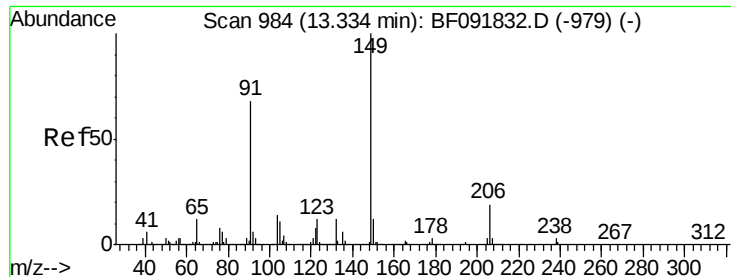


#78
 Terphenyl-d14
 Concen: 73.35 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion: 244 Resp: 2540547

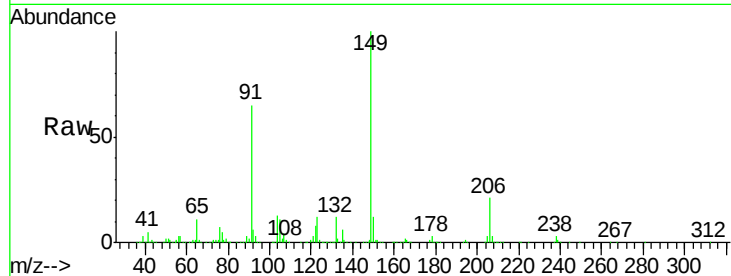
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.8	11.4	17.2



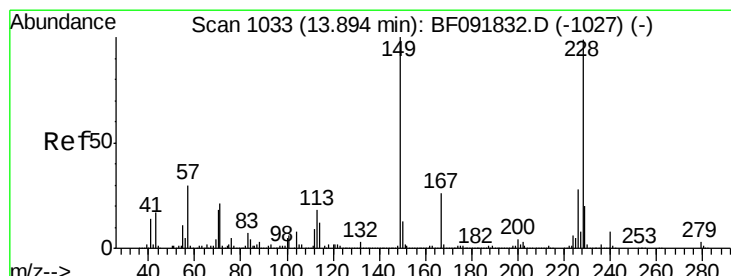
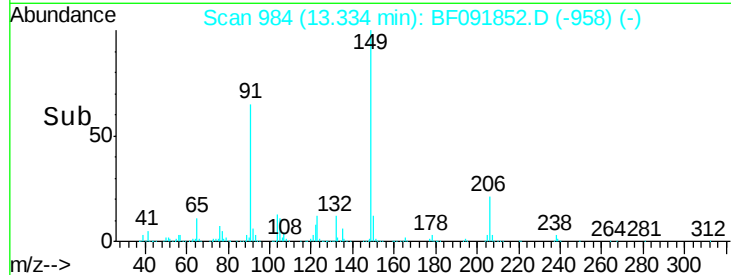
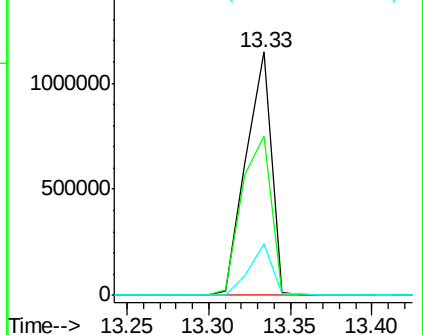


#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:149 Resp: 1241417
Ion Ratio Lower Upper
149 100
91 65.5 63.9 95.9
206 21.2 14.6 21.8

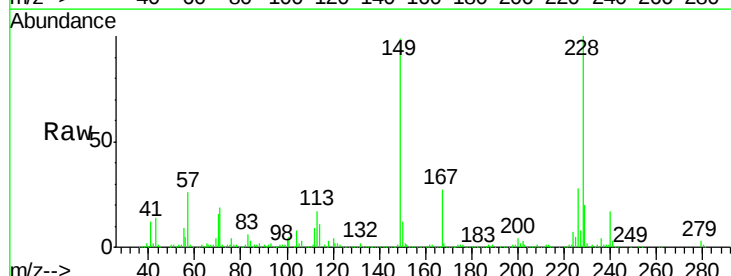


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

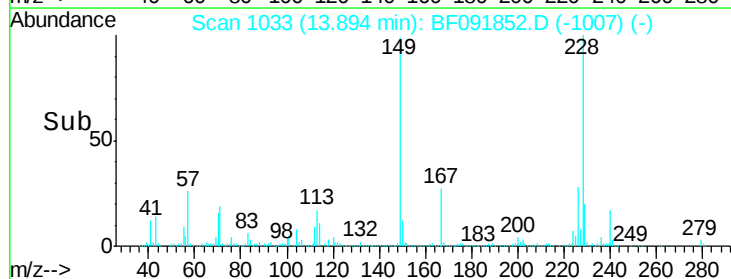
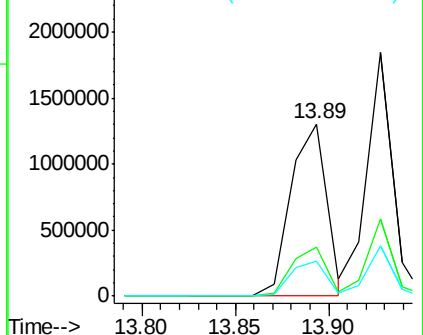


#80
Benzo(a)anthracene
Concen: 36.92 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:228 Resp: 1750504
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.2 16.2 24.4



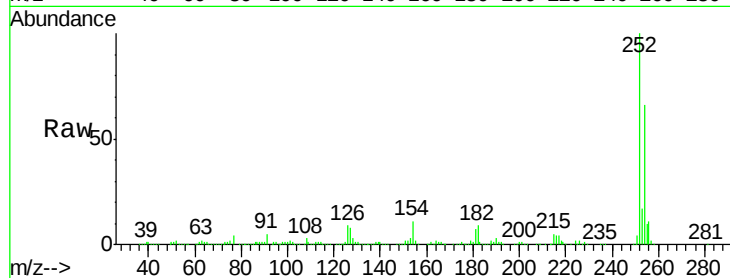
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



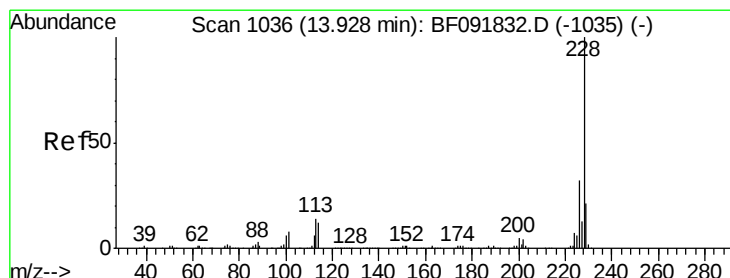
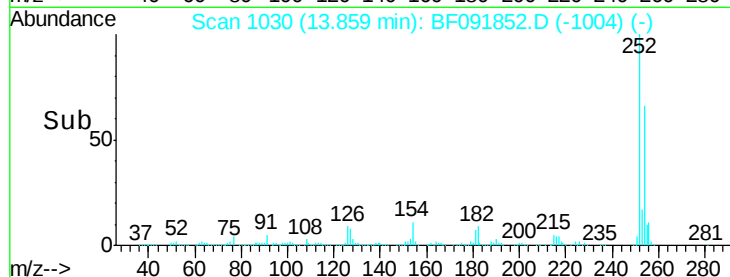
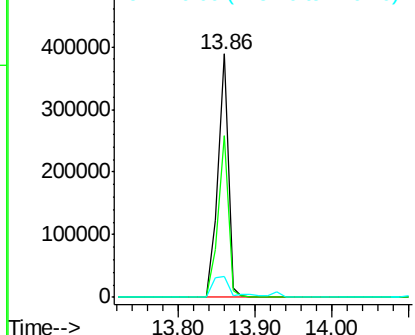


#81
 3,3'-Dichlorobenzidine
 Concen: 20.41 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.3	78.5
126	8.8	13.6	20.4

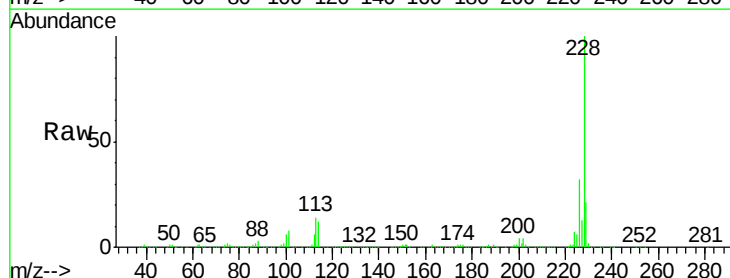


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

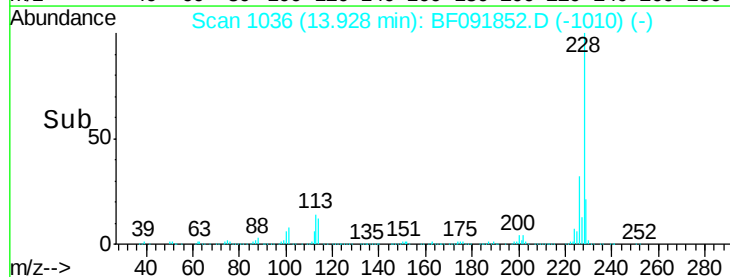
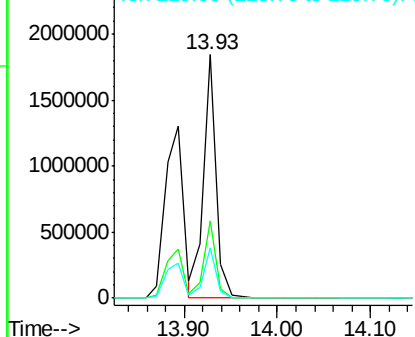


#82
 Chrysene
 Concen: 36.73 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.8	16.2	24.2



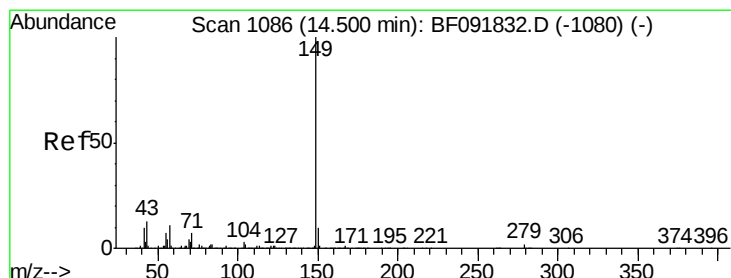
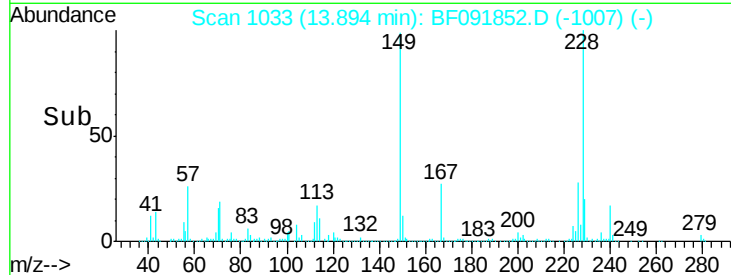
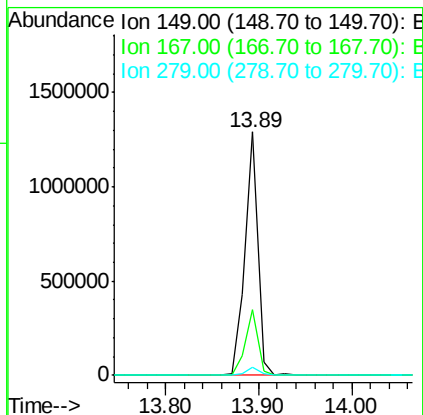
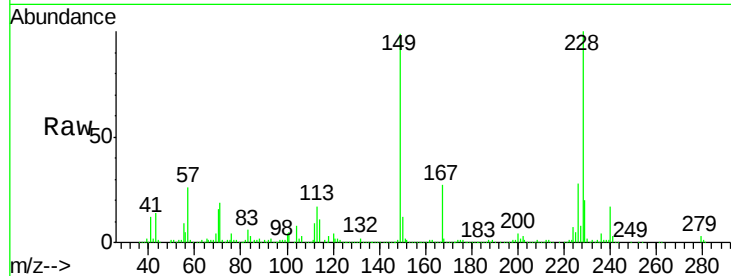
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





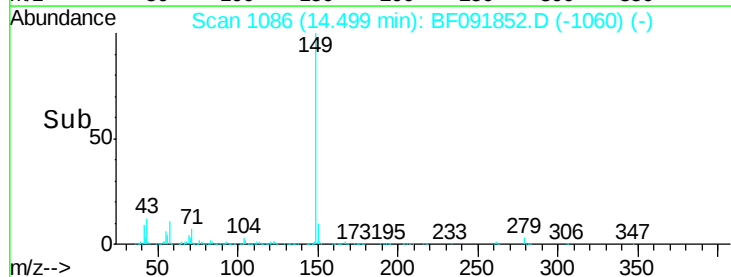
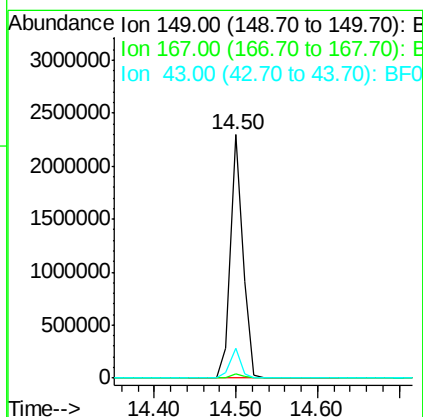
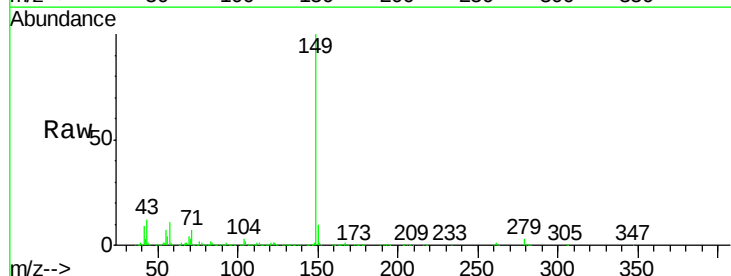
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.84 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

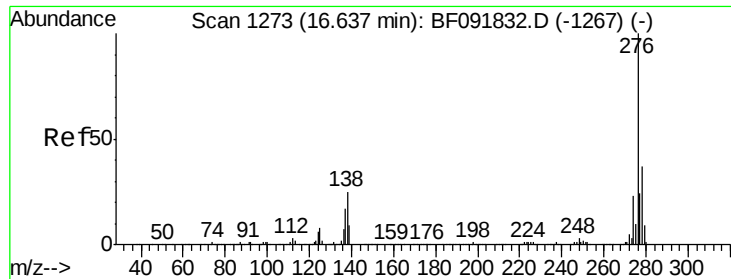
Tgt Ion:149 Resp: 1249111
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.2 30.4
 279 3.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.71 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

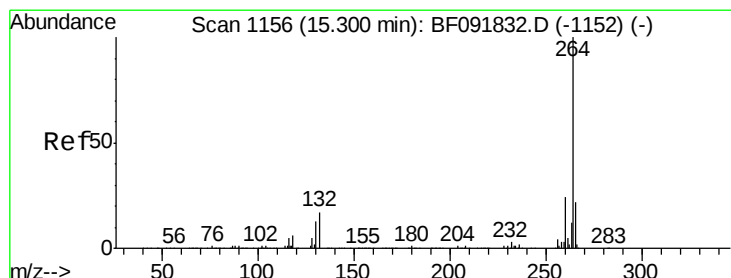
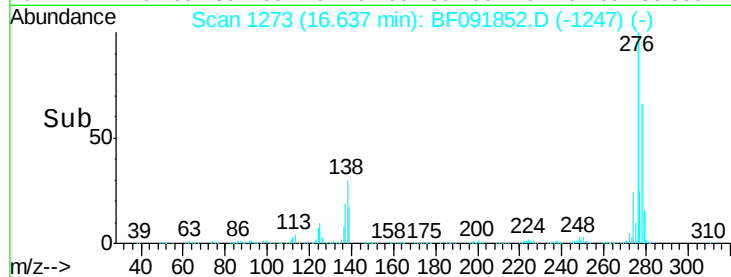
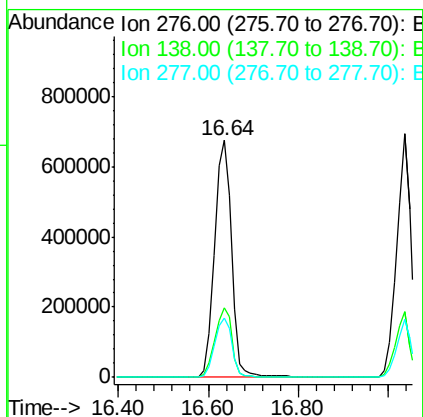
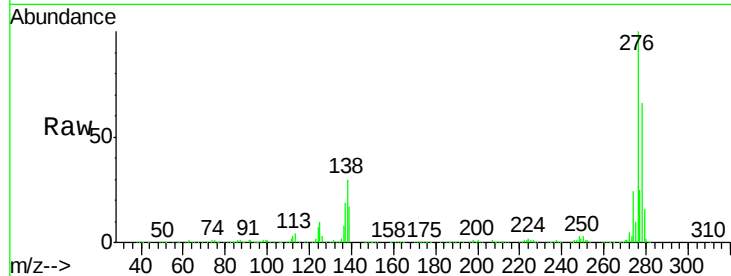
Tgt Ion:149 Resp: 2428641
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.6 8.9 13.3





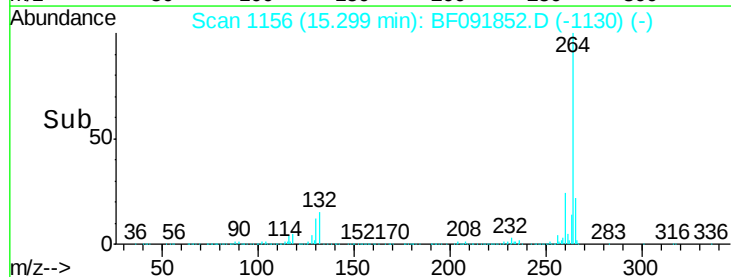
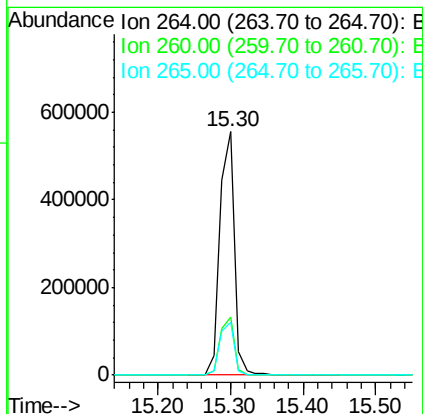
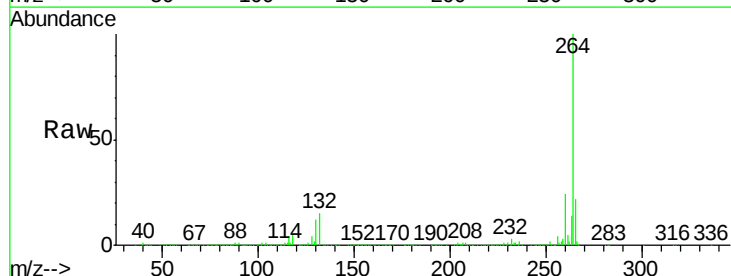
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.37 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

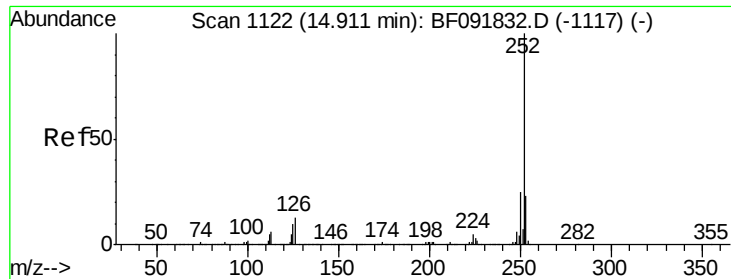
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091852.D
 Acq: 21 Dec 2016 23:51

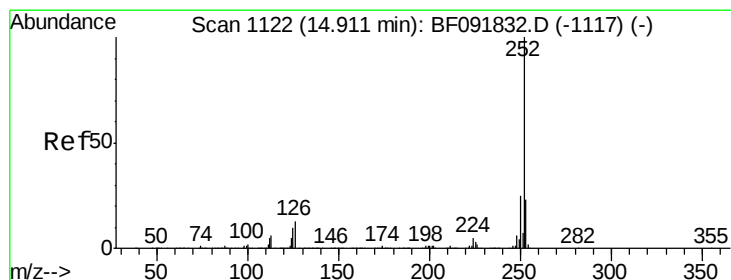
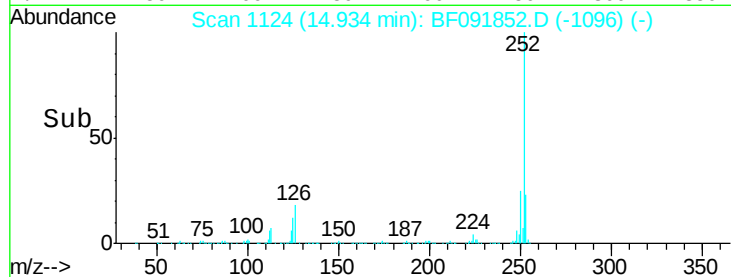
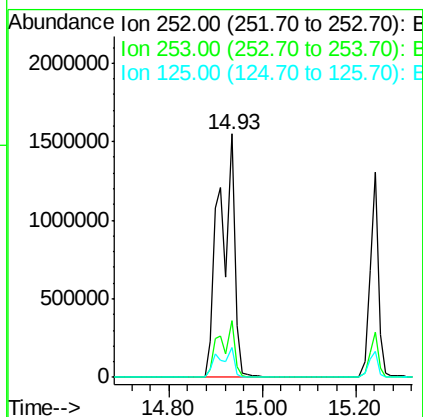
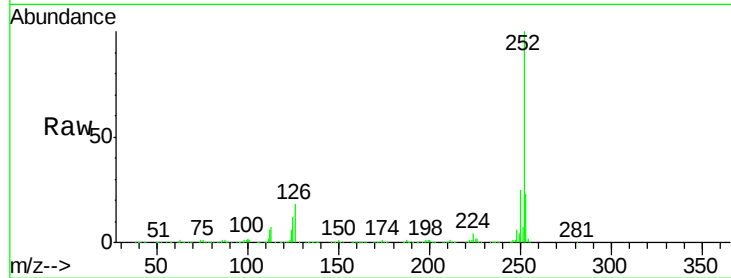
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.4	26.0





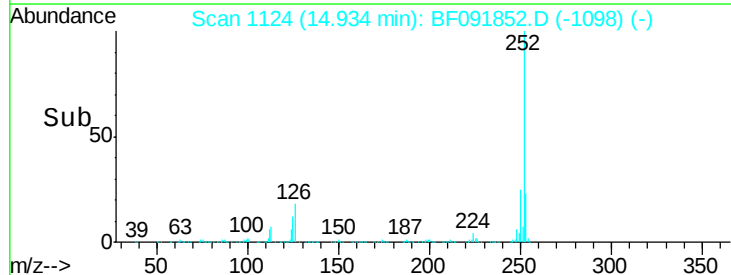
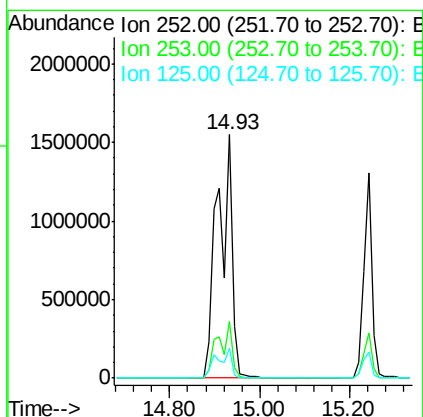
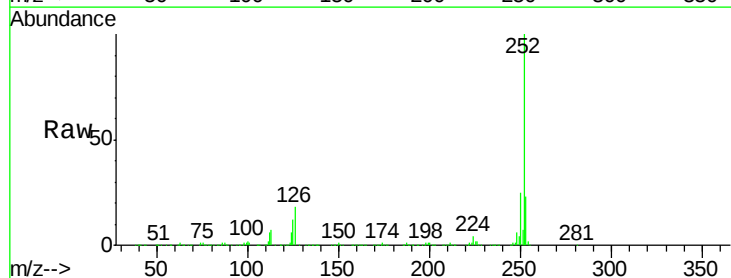
#87
Benzo(b)fluoranthene
Concen: 73.50 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

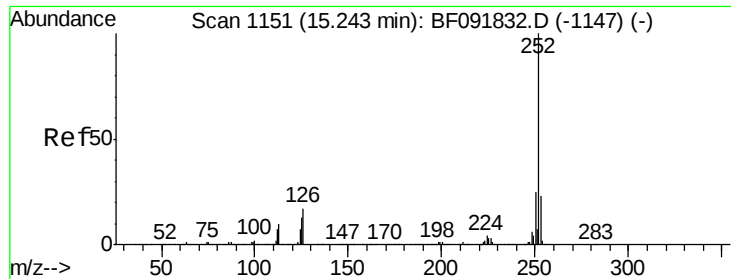
Tgt Ion:252 Resp: 3525698
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 12.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 86.21 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion:252 Resp: 3526280
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 12.5 8.9 13.3

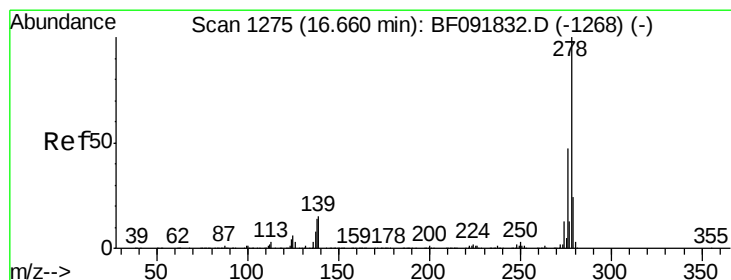
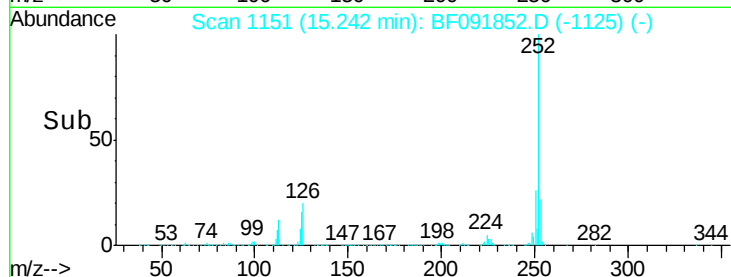
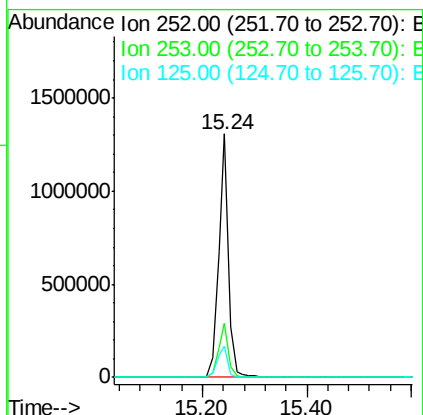
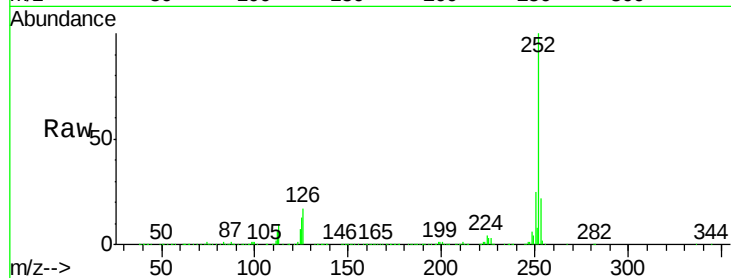




#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion: 252 Resp: 1671897

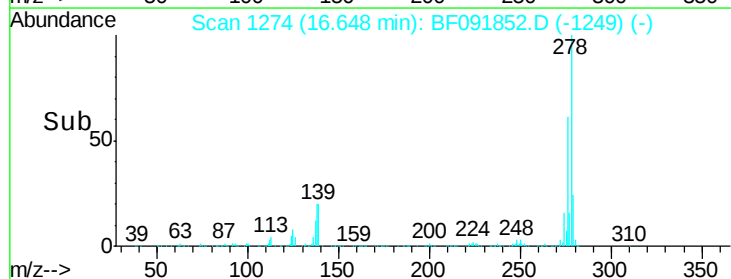
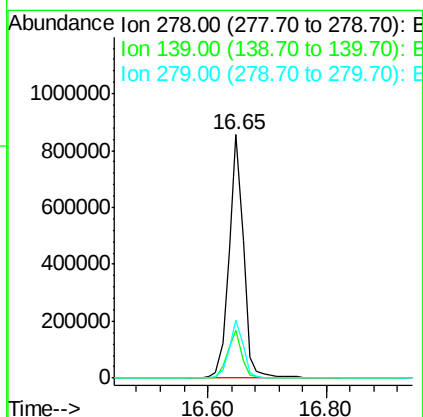
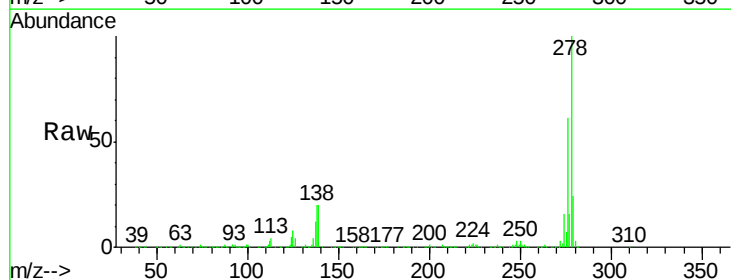
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.9	10.0	15.0

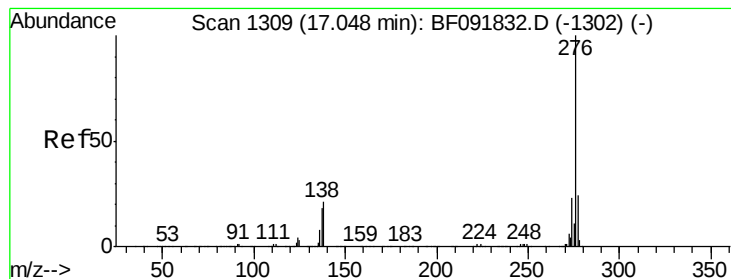


#90
Dibenzo(a,h)anthracene
Concen: 41.00 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091852.D
Acq: 21 Dec 2016 23:51

Tgt Ion: 278 Resp: 1434779

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.8	22.2
279	24.1	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 41.78 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF091852.D

Acq: 21 Dec 2016 23:51

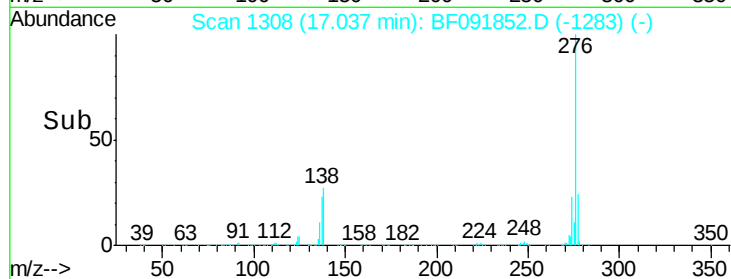
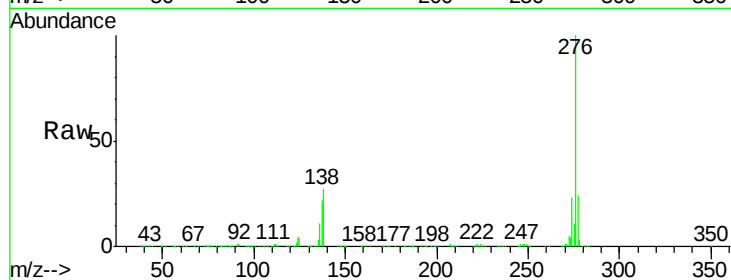
Tgt Ion: 276 Resp: 1520111

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 26.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

