

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091838.D
 Acq On : 21 Dec 2016 17:28
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 1PPM
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 02:30:22 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	6.74	152	238035	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1038285	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	522420	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	960291	20.00	ng	0.00
75) Chrysene-d12	13.89	240	773664	20.00	ng	-0.01
86) Perylene-d12	15.30	264	686056	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2088071	146.47	ng	0.02
7) Phenol-d6	6.40	99	2058314	118.26	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1387732	74.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	610598	141.23	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2655908	107.59	ng	0.00
78) Terphenyl-d14	12.85	244	2115513	66.32	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	471	0.07	ng	# 23
4) n-Nitrosodimethylamine	2.97	42	204	0.02	ng	# 1
6) Aniline	6.41	93	20333	0.90	ng	96
8) 2-Chlorophenol	6.53	128	16682	1.03	ng	91
9) Benzaldehyde	6.29	77	7281	0.36	ng	93
10) Phenol	6.41	94	27281	1.38	ng	96
11) bis(2-Chloroethyl)ether	6.49	93	19116	1.21	ng	89
12) 1,3-Dichlorobenzene	6.68	146	17130	0.99	ng	# 89
13) 1,4-Dichlorobenzene	6.76	146	17866	1.01	ng	97
14) 1,2-Dichlorobenzene	6.76	146	17866	1.17	ng	99
15) Benzyl Alcohol	6.90	79	32574	2.41	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	7.02	45	22672	0.96	ng	86
17) 2-Methylphenol	7.01	107	12591	0.97	ng	98
18) Hexachloroethane	7.25	117	5697	0.87	ng	# 84
19) n-Nitroso-di-n-propylamine	7.16	70	10599	0.92	ng	# 93
20) 3+4-Methylphenols	7.17	107	16559	1.06	ng	# 76
22) Acetophenone	7.15	105	23242	0.91	ng	# 96
24) Nitrobenzene	7.33	77	20826	1.05	ng	# 83
26) 2-Nitrophenol	7.65	139	7143	0.73	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	14178	0.87	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	17148	0.82	ng	97
29) 2,4-Dichlorophenol	7.90	162	11028	0.80	ng	92
30) 1,2,4-Trichlorobenzene	7.97	180	14122	0.94	ng	95
31) Naphthalene	8.05	128	48359	1.02	ng	99
32) Benzoic acid	7.76	122	6105	0.51	ng	90
33) 4-Chloroaniline	8.11	127	17858	0.83	ng	96
34) Hexachlorobutadiene	8.18	225	7586	0.95	ng	96
35) Caprolactam	8.44	113	3125	0.69	ng	# 84
36) 4-Chloro-3-methylphenol	8.59	107	13397	0.85	ng	88
37) 2-Methylnaphthalene	8.74	142	27669	0.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	13507	1.02	ng	96
40) Hexachlorocyclopentadiene	8.90	237	808	4.11	ng	87
42) 2,4,6-Trichlorophenol	9.02	196	7636	0.83	ng	96
43) 2,4,5-Trichlorophenol	9.07	196	8264	0.87	ng	95

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 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 22 02:30:22 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

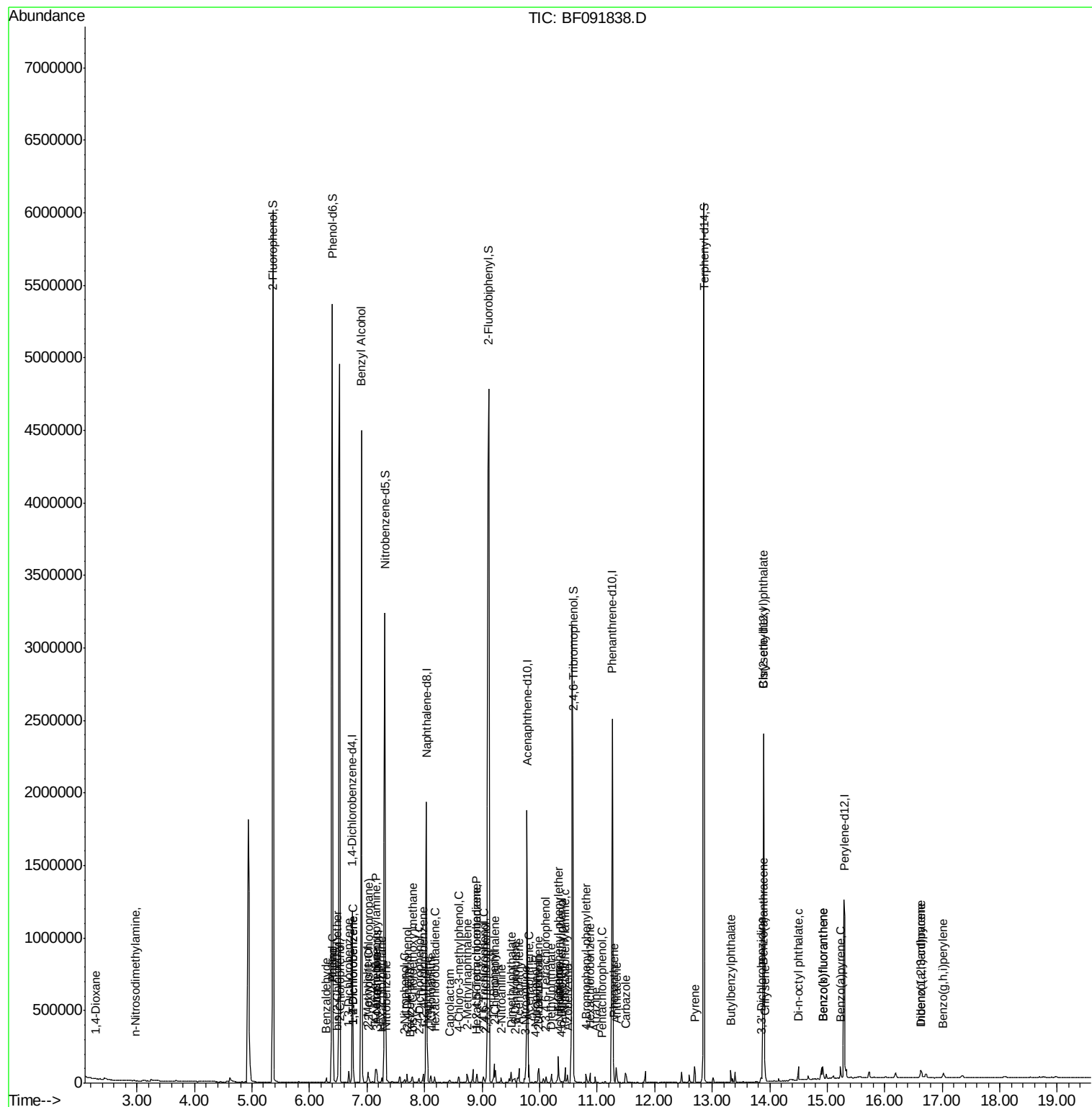
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

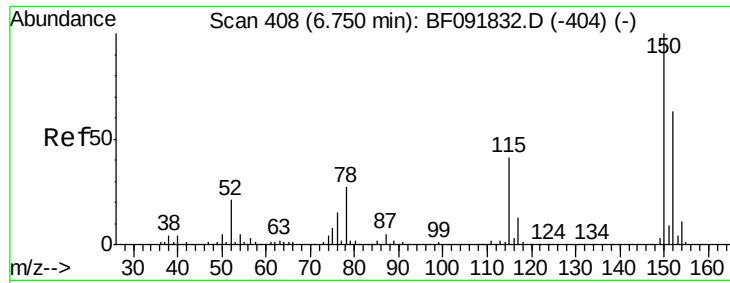
45) 1,1'-Biphenyl	9.21	154	44671	1.25	ng	97
46) 2-Chloronaphthalene	9.23	162	28993	1.02	ng	96
47) 2-Nitroaniline	9.33	65	7896	0.78	ng	# 82
48) Acenaphthylene	9.64	152	45526	1.04	ng	99
49) Dimethylphthalate	9.50	163	33429	1.00	ng	99
50) 2,6-Dinitrotoluene	9.57	165	6032	0.82	ng	94
51) Acenaphthene	9.81	154	29934	1.01	ng	92
52) 3-Nitroaniline	9.74	138	7412	0.82	ng	82
54) Dibenzofuran	9.98	168	42047	1.05	ng	94
55) 4-Nitrophenol	9.93	139	3047	0.50	ng	92
56) 2,4-Dinitrotoluene	9.97	165	8380	0.91	ng	# 95
57) Fluorene	10.33	166	34623	1.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	6373	0.85	ng	# 96
59) Diethylphthalate	10.20	149	31324	0.97	ng	97
60) 4-Chlorophenyl-phenylether	10.33	204	15961	1.26	ng	# 80
61) 4-Nitroaniline	10.34	138	7067	0.75	ng	92
62) Azobenzene	10.49	77	34642	0.97	ng	87
64) 4,6-Dinitro-2-methylphenol	10.38	198	749	0.13	ng	# 58
65) n-Nitrosodiphenylamine	10.44	169	28059	0.98	ng	98
66) 4-Bromophenyl-phenylether	10.81	248	8712	0.87	ng	# 89
67) Hexachlorobenzene	10.88	284	10296	0.96	ng	# 93
68) Atrazine	10.97	200	5898	0.64	ng	99
69) Pentachlorophenol	11.08	266	726	0.14	ng	# 72
70) Phenanthrene	11.29	178	52421	1.01	ng	96
71) Anthracene	11.33	178	48827	0.26	ng	97
72) Carbazole	11.49	167	41808	0.78	ng	97
73) Di-n-butylphthalate	11.84	149	48320	Below	Cal	# 95
74) Fluoranthene	12.48	202	47714	Below	Cal	91
76) Benzidine	12.60	184	30236	Below	Cal	99
77) Pyrene	12.69	202	51788	0.91	ng	96
79) Butylbenzylphthalate	13.32	149	19210	0.74	ng	# 97
80) Benzo(a)anthracene	13.88	228	42683	0.98	ng	100
81) 3,3'-Dichlorobenzidine	13.86	252	11620	0.70	ng	# 94
82) Chrysene	13.92	228	43947	1.00	ng	93
83) Bis(2-ethylhexyl)phthalate	13.89	149	25426	0.84	ng	# 93
84) Di-n-octyl phthalate	14.50	149	47892	0.85	ng	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	30327	0.80	ng	97
87) Benzo(b)fluoranthene	14.92	252	75315	1.76	ng	99
88) Benzo(k)fluoranthene	14.92	252	75315	2.07	ng	99
89) Benzo(a)pyrene	15.23	252	33962	0.90	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	24925	0.80	ng	# 93
91) Benzo(g,h,i)perylene	17.01	276	25849	0.80	ng	# 94

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

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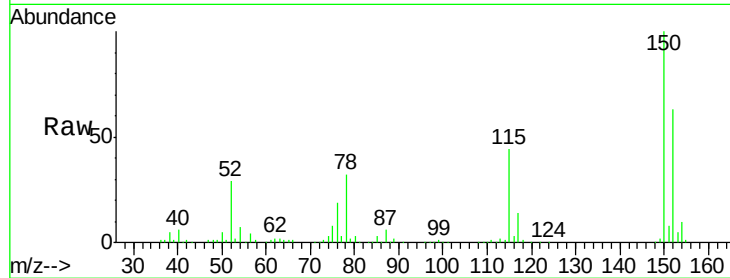
Quant Time: Dec 22 02:30:22 2016
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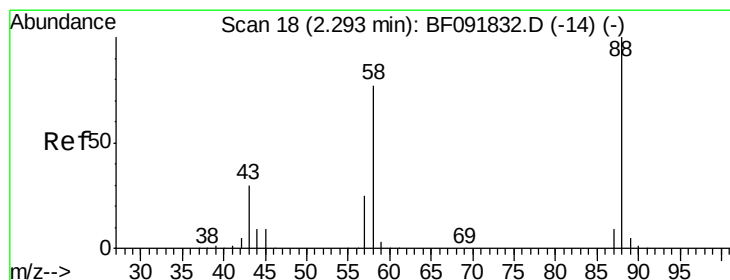
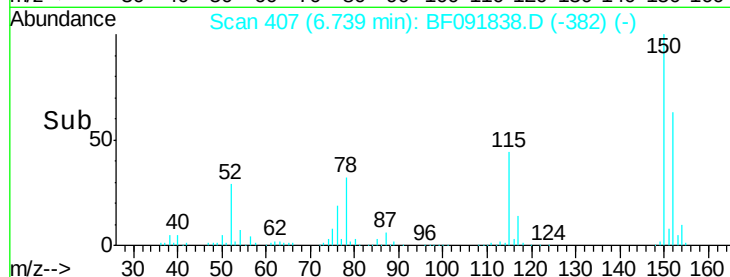
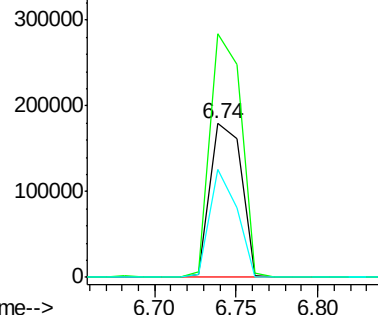


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	69.9	46.0	69.0

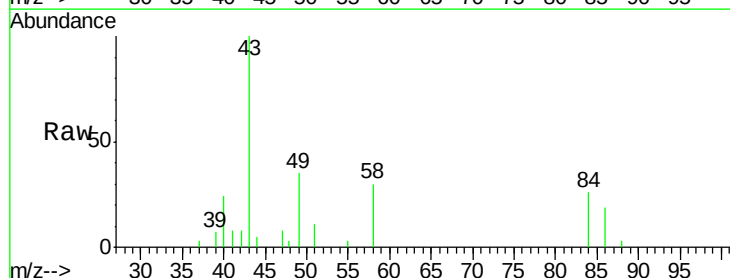


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

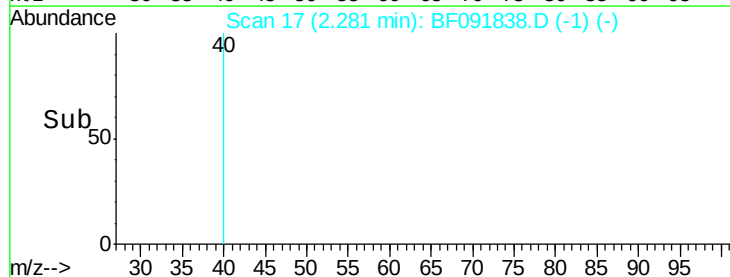
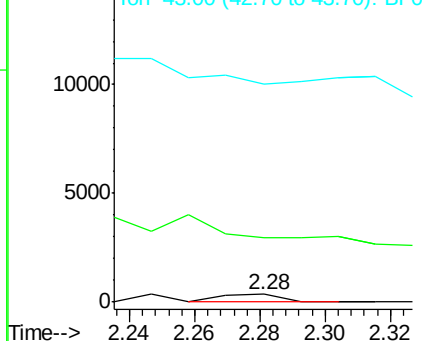


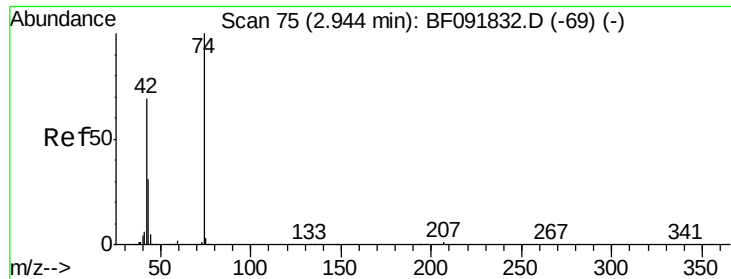
#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 2.28 min Scan# 17
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	57.8	86.8
43	0.0	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





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

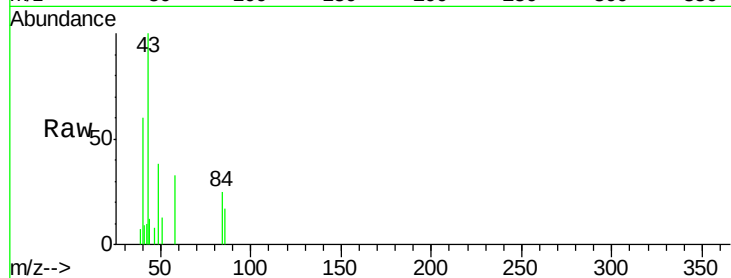
RT: 2.97 min Scan# 77

Delta R.T. 0.02 min

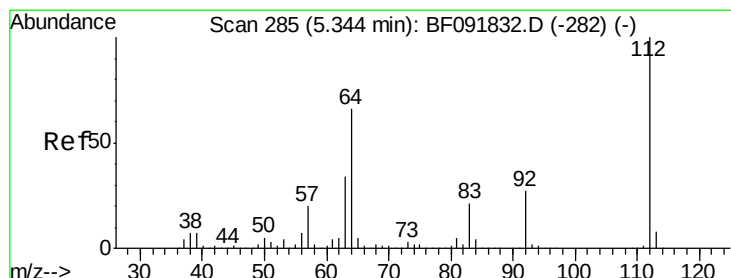
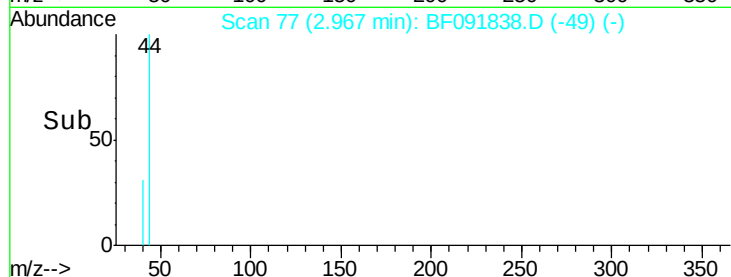
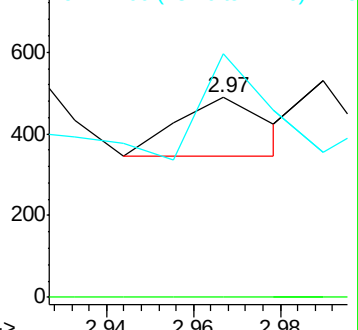
Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

Tgt Ion:	42	Resp:	204
Ion	Ratio	Lower	Upper
42	100		
74	0.0	117.0	175.4#
44	121.9	5.5	8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 146.47 ng

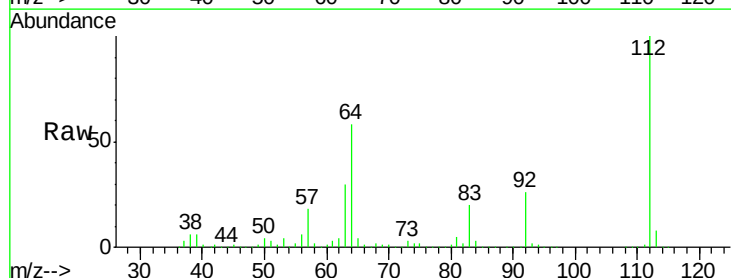
RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

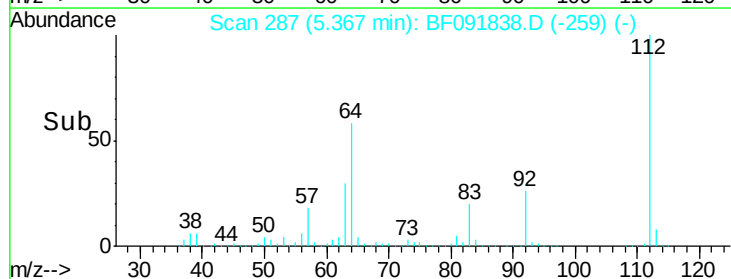
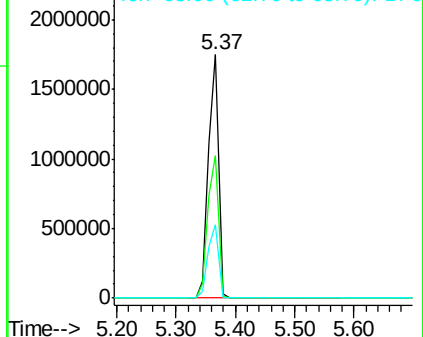
Lab File: BF091838.D

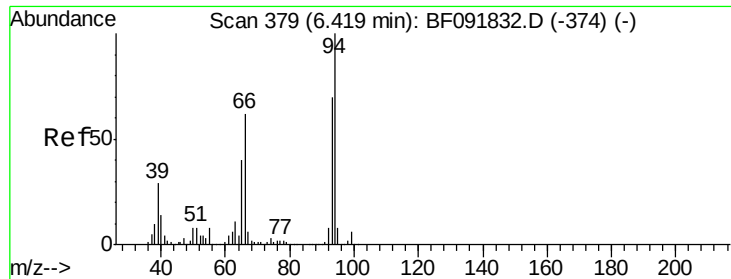
Acq: 21 Dec 2016 17:28

Tgt Ion:	112	Resp:	2088071
Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.1	69.1
63	30.0	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: 0.90 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

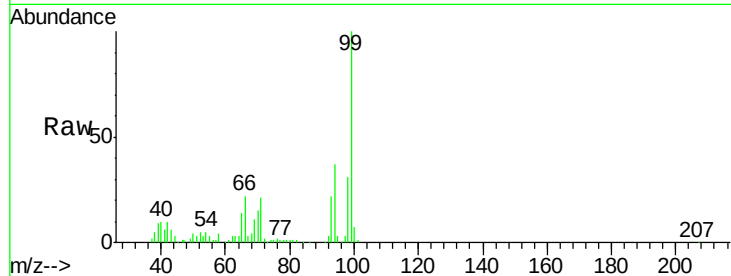
Tgt Ion: 93 Resp: 20333

Ion Ratio Lower Upper

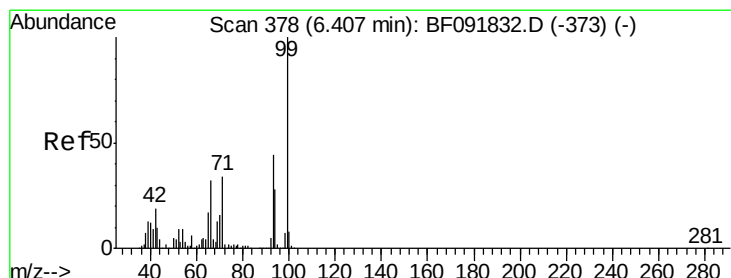
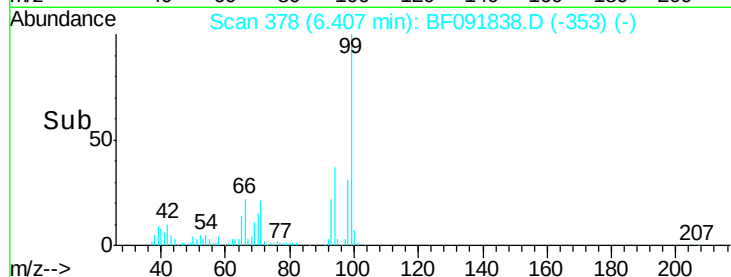
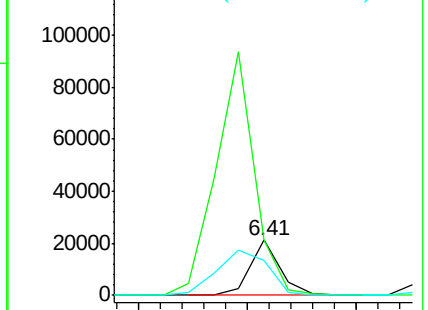
93 100

66 100.9 76.2 114.2

65 63.4 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: 118.26 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

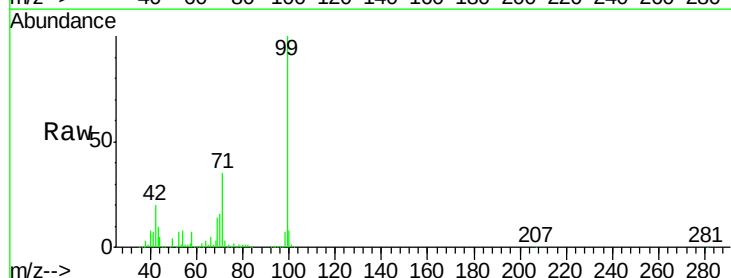
Tgt Ion: 99 Resp: 2058314

Ion Ratio Lower Upper

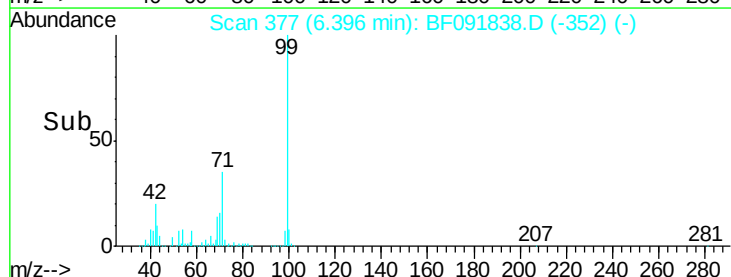
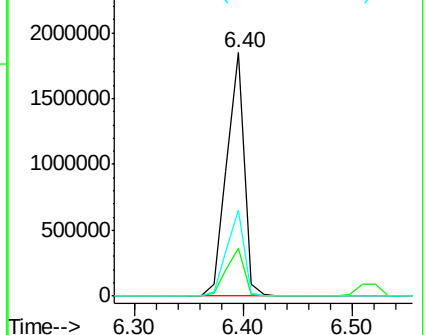
99 100

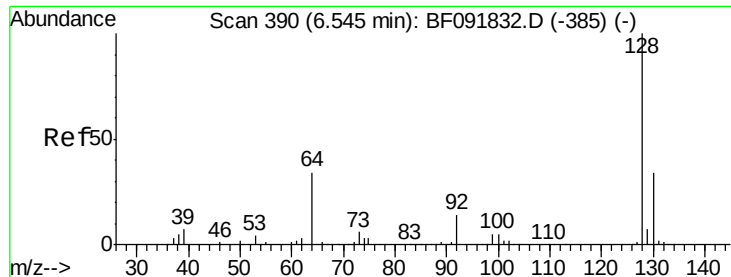
42 19.9 15.6 23.4

71 35.4 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: 1.03 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

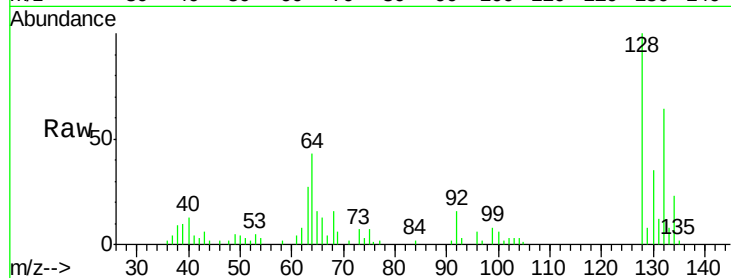
Tgt Ion: 128 Resp: 16682

Ion Ratio Lower Upper

128 100

130 34.7 12.3 52.3

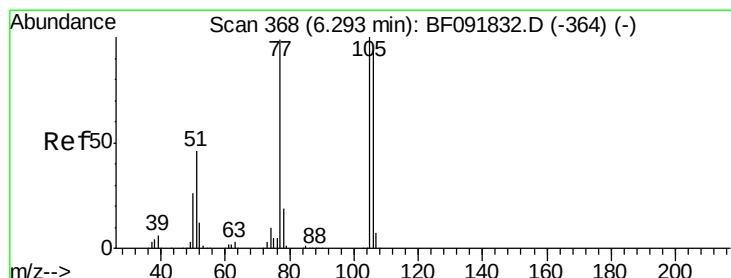
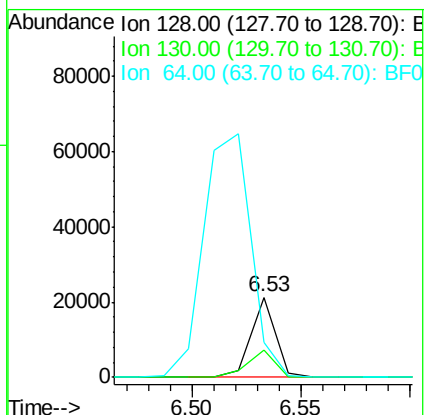
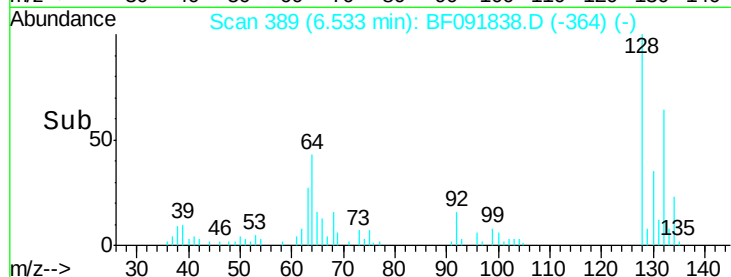
64 43.3 32.2 72.2



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: 0.36 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

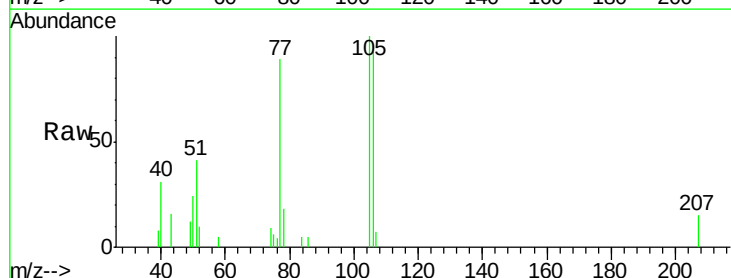
Tgt Ion: 77 Resp: 7281

Ion Ratio Lower Upper

77 100

105 112.1 83.9 123.9

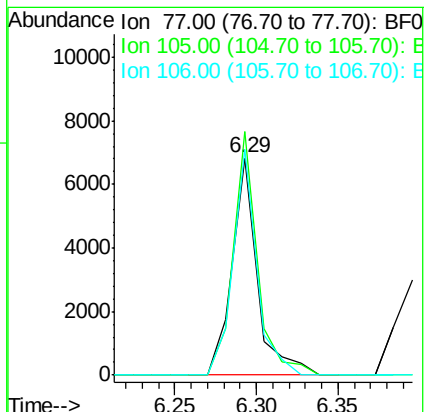
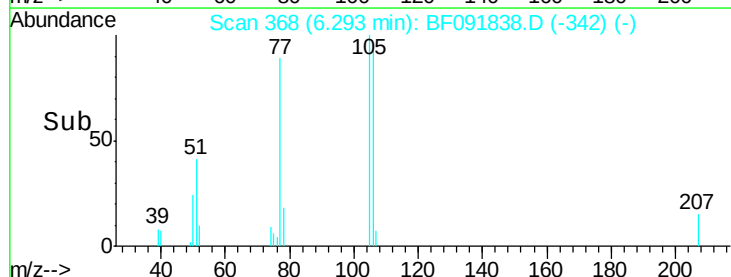
106 103.8 77.6 117.6

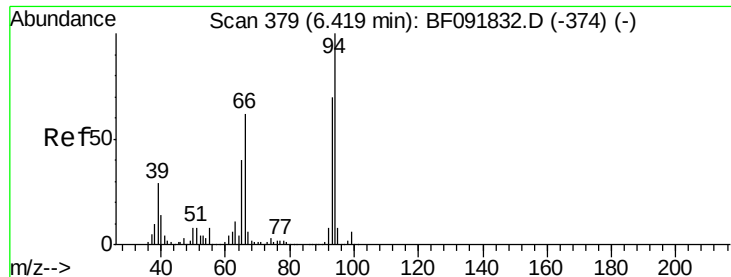


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.38 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

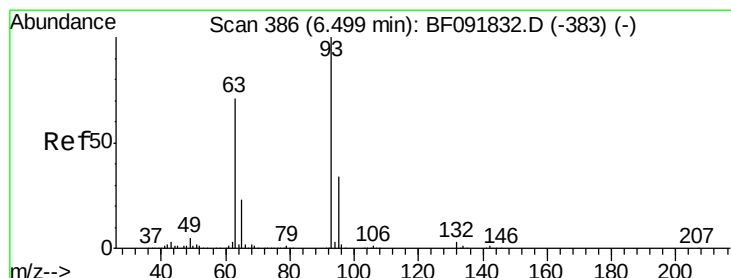
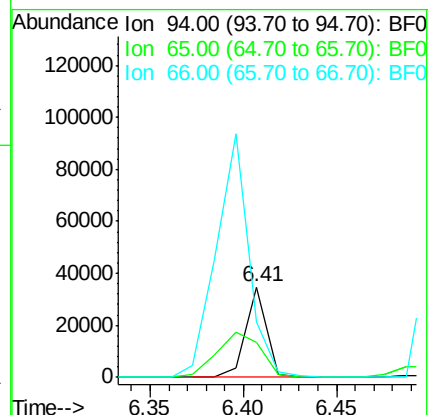
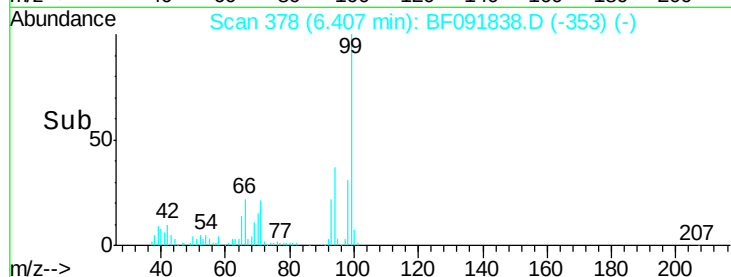
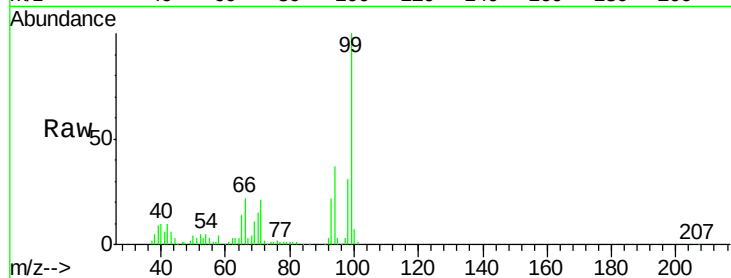
Tgt Ion: 94 Resp: 27281

Ion Ratio Lower Upper

94 100

65 38.6 21.4 61.4

66 61.4 44.0 84.0



#11

bis(2-Chloroethyl)ether

Concen: 1.21 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

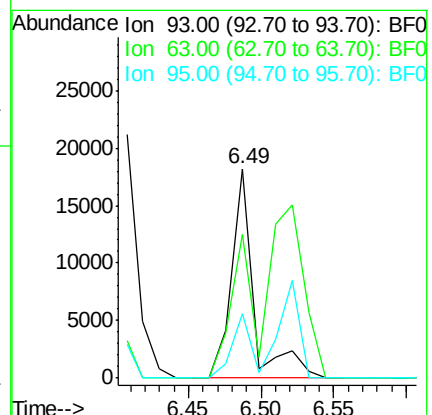
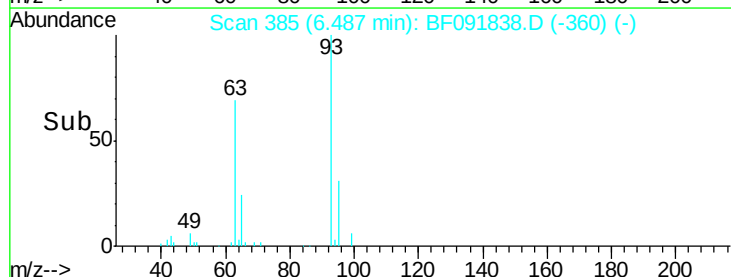
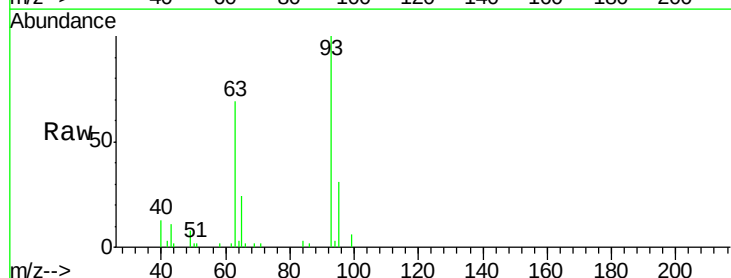
Tgt Ion: 93 Resp: 19116

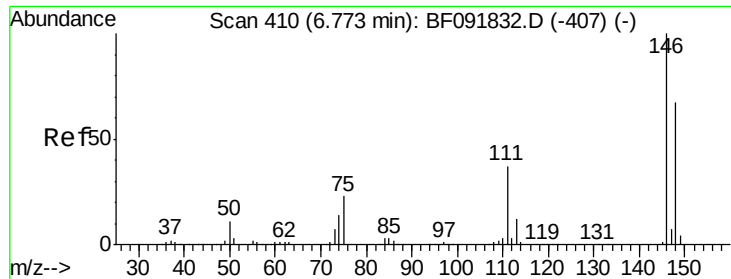
Ion Ratio Lower Upper

93 100

63 68.6 60.4 100.4

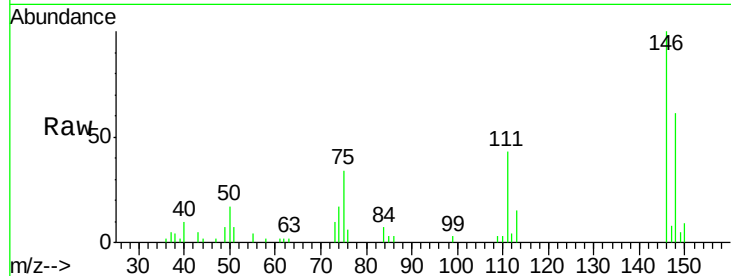
95 30.8 12.8 52.8



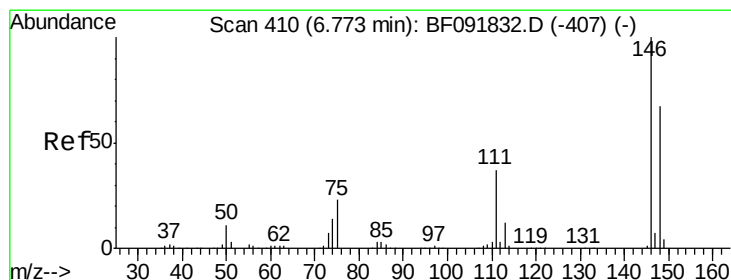
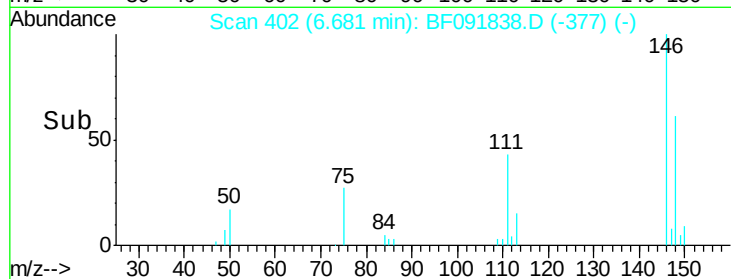
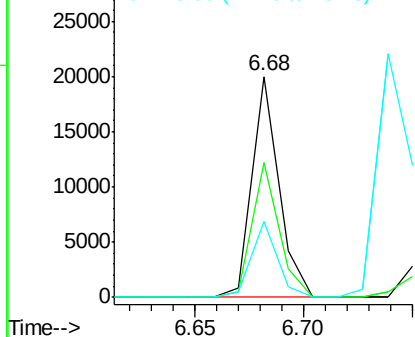


#12
 1,3-Dichlorobenzene
 Concen: 0.99 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	53.4	80.0
75	34.3	18.5	27.7

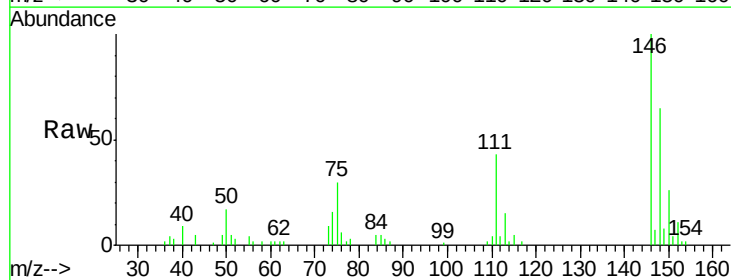


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

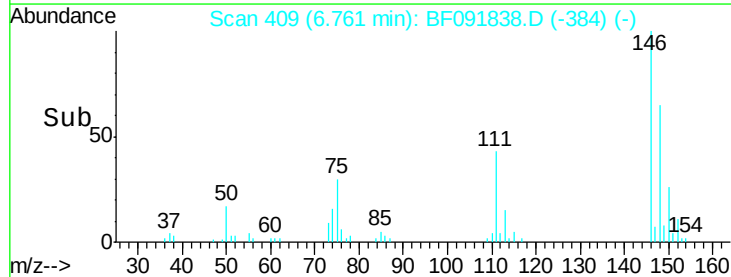
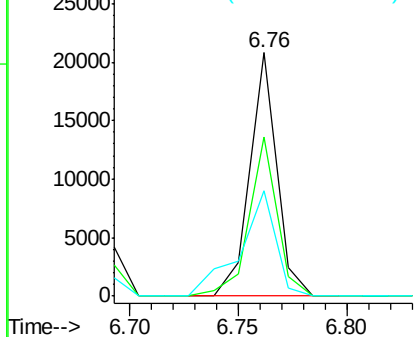


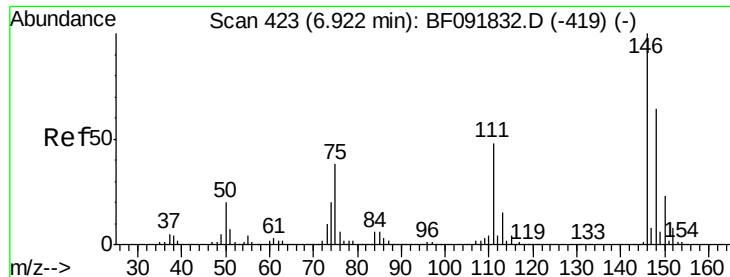
#13
 1,4-Dichlorobenzene
 Concen: 1.01 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	43.4	36.2	54.4



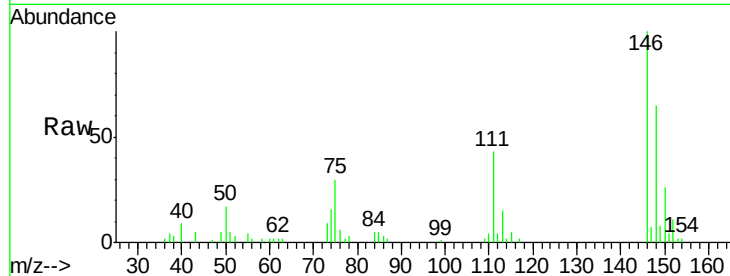
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



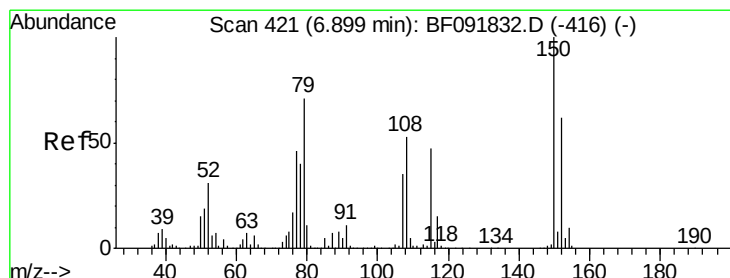
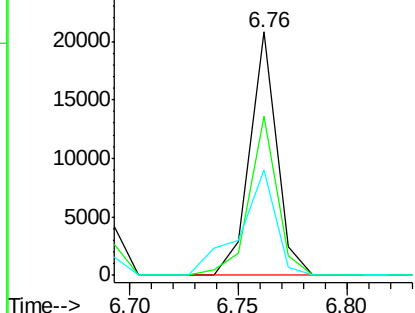
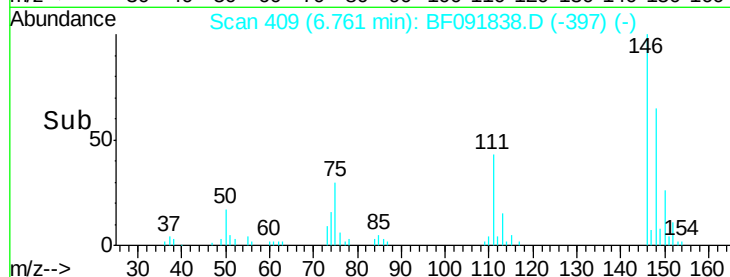


#14
1,2-Dichlorobenzene
Concen: 1.17 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.16 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 146 Resp: 17866
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.2
111 43.4 36.2 54.2

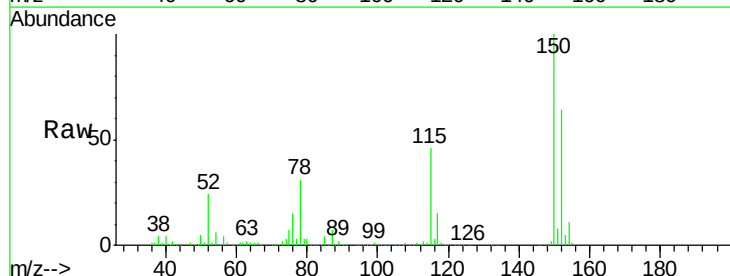


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

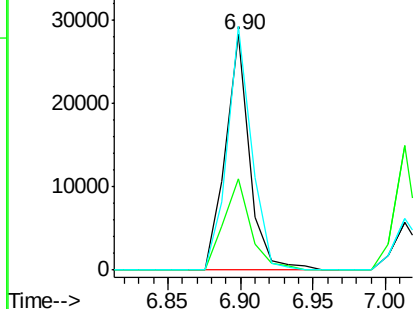
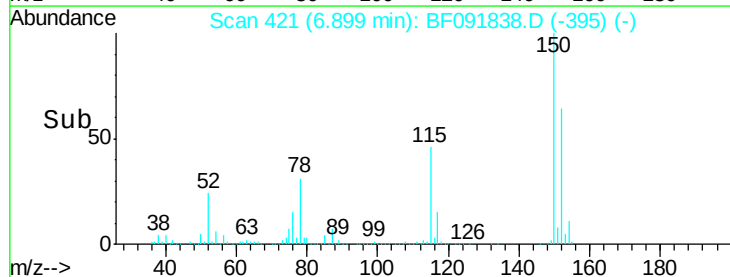


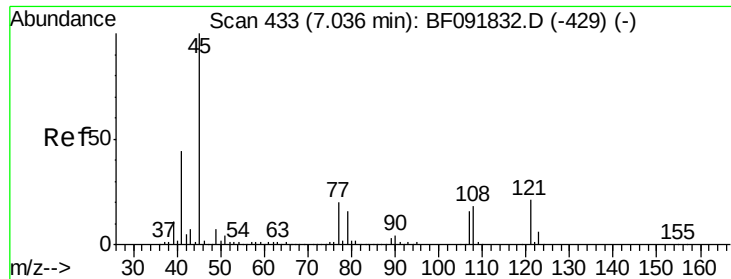
#15
Benzyl Alcohol
Concen: 2.41 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 79 Resp: 32574
Ion Ratio Lower Upper
79 100
108 38.8 61.4 92.0#
77 103.3 50.9 76.3#



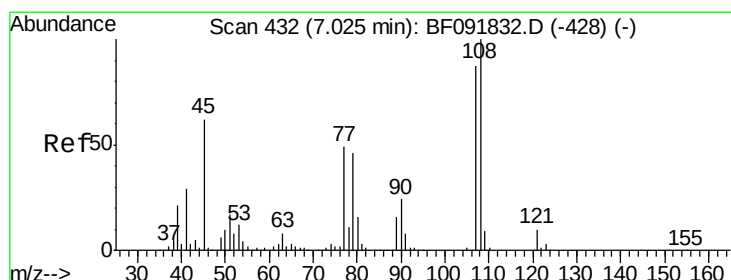
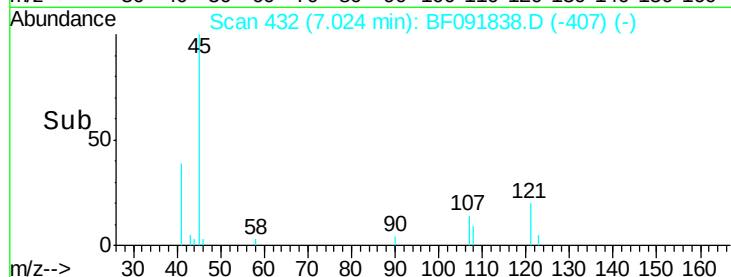
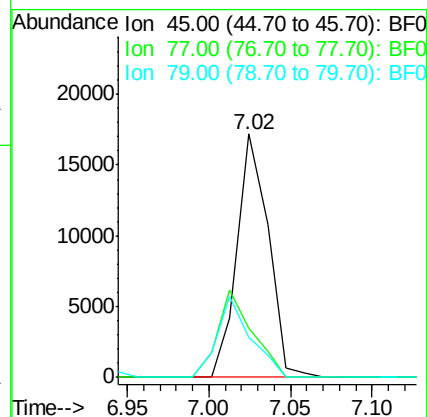
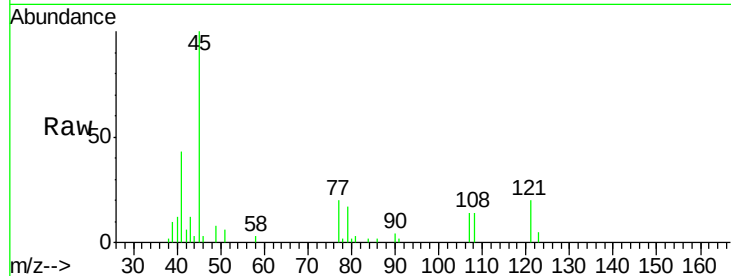
Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





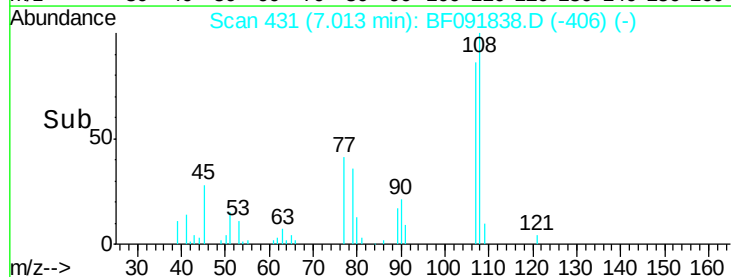
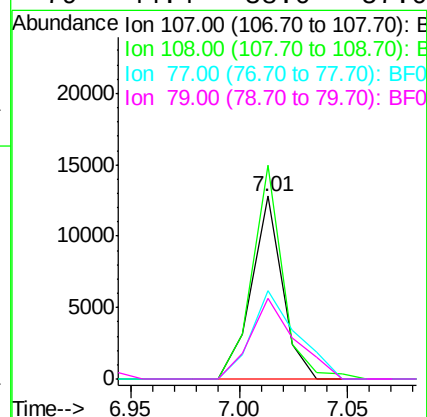
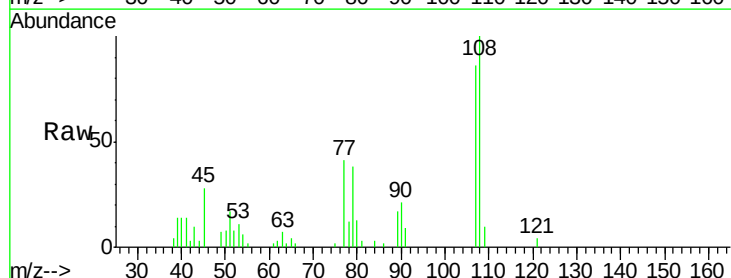
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.96 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

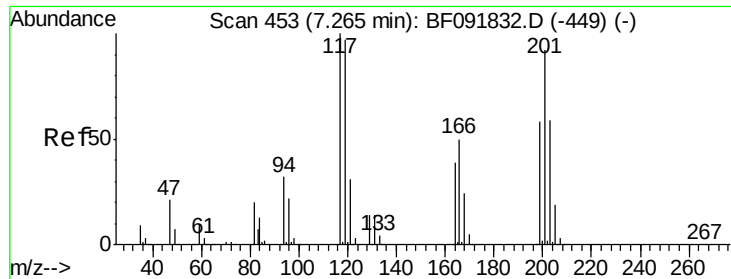
Tgt Ion:	45	Resp:	22672
Ion	Ratio	Lower	Upper
45	100		
77	20.1	0.0	34.6
79	16.6	0.0	31.2



#17
2-Methylphenol
Concen: 0.97 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:	107	Resp:	12591
Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.0	139.6
77	48.1	39.8	59.8
79	44.4	38.0	57.0





#18

Hexachloroethane

Concen: 0.87 ng

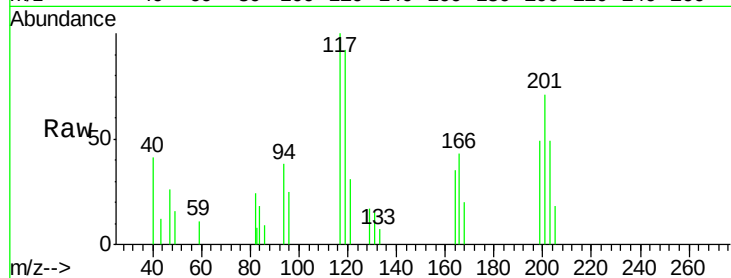
RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

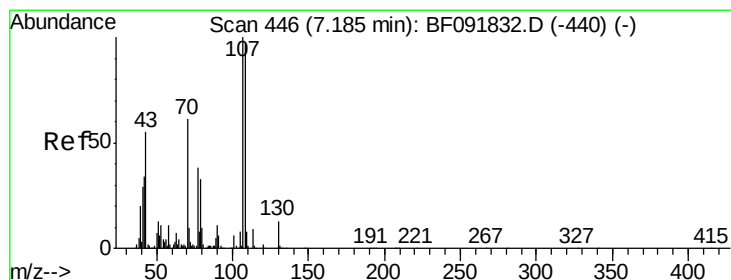
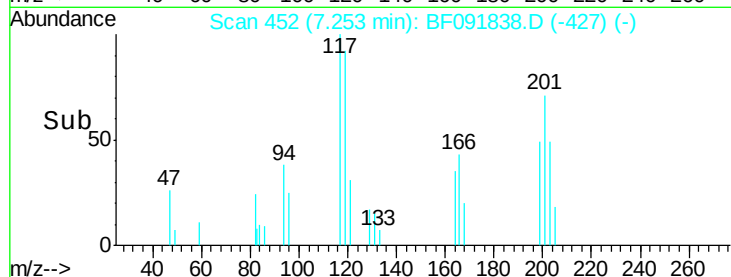
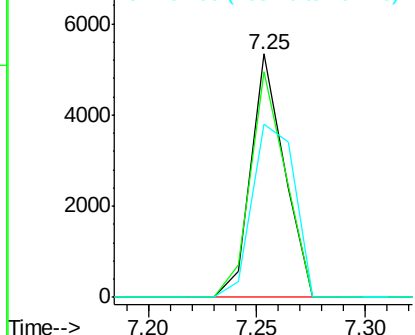
Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

Tgt Ion:	117	Resp:	5697
Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.1	117.1
201	71.2	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: 0.92 ng

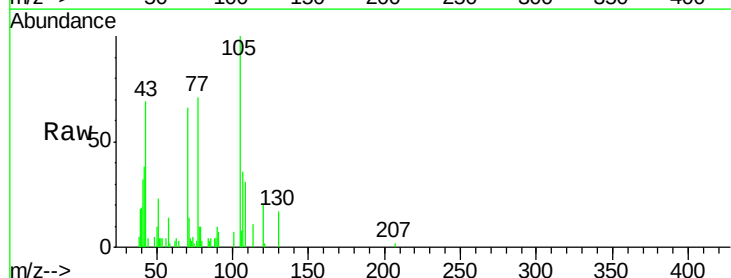
RT: 7.16 min Scan# 444

Delta R.T. -0.02 min

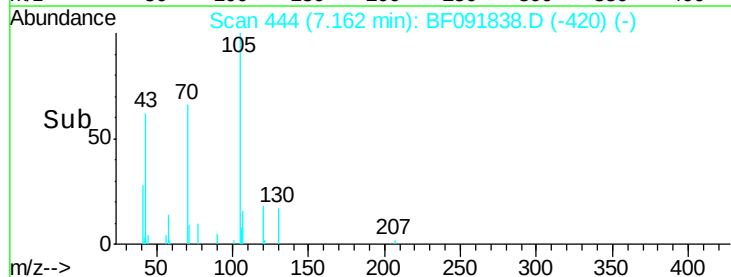
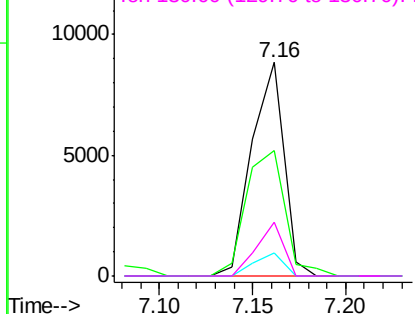
Lab File: BF091838.D

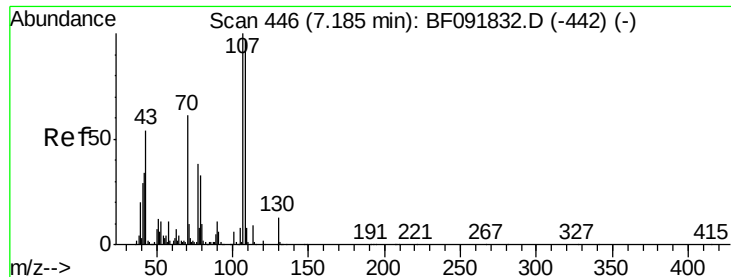
Acq: 21 Dec 2016 17:28

Tgt Ion:	70	Resp:	10599
Ion	Ratio	Lower	Upper
70	100		
42	58.5	49.4	74.0
101	11.1	7.4	11.2
130	25.3	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: 1.06 ng

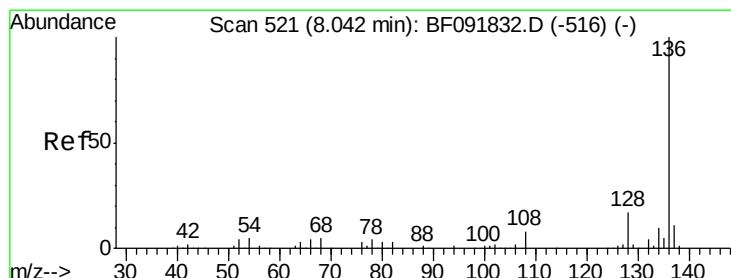
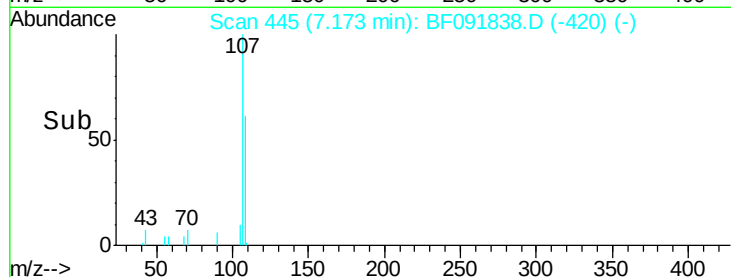
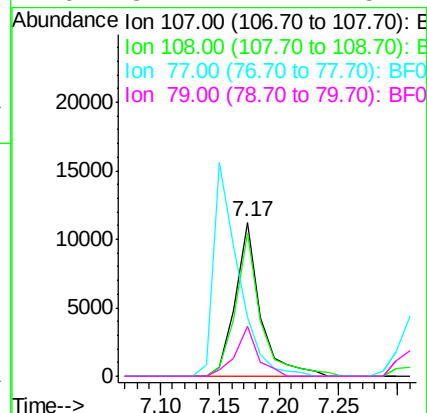
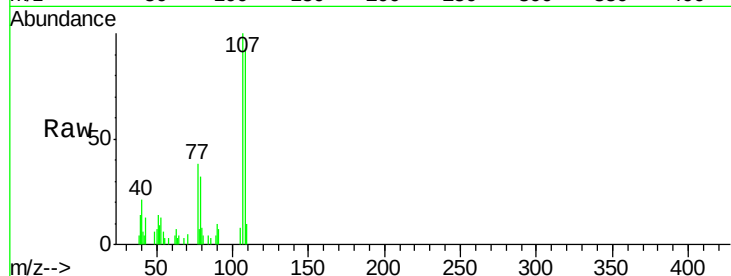
RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

Tgt Ion:	107	Resp:	16559
Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.0	113.0
77	37.8	71.3	111.3#
79	32.1	11.1	51.1



#21

Naphthalene-d8

Concen: 20.00 ng

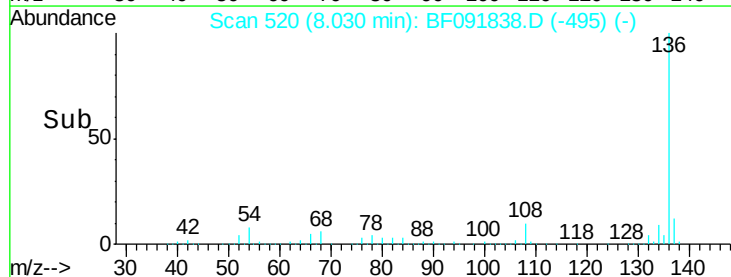
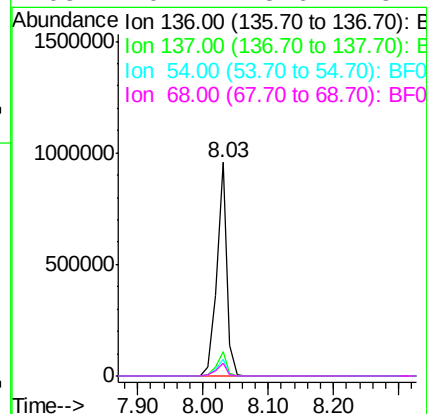
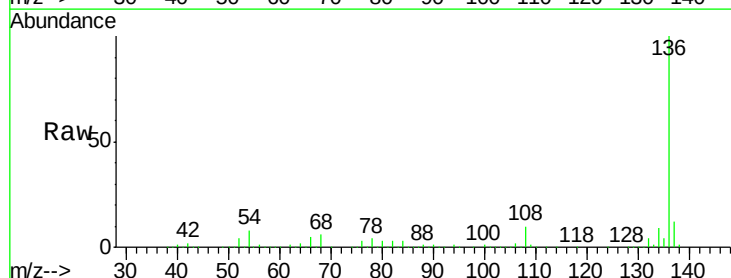
RT: 8.03 min Scan# 520

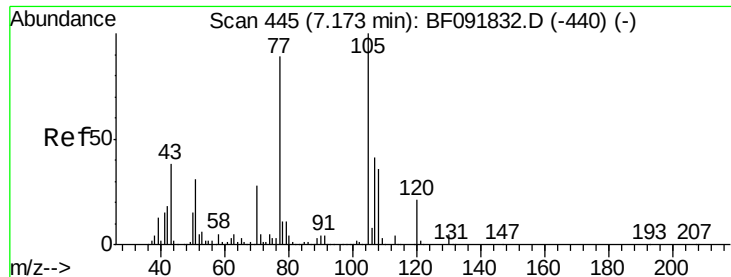
Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

Tgt Ion:	136	Resp:	1038285
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	7.9	4.5	6.7#
68	6.2	3.6	5.4#





#22

Acetophenone

Concen: 0.91 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

Tgt Ion: 105 Resp: 23242

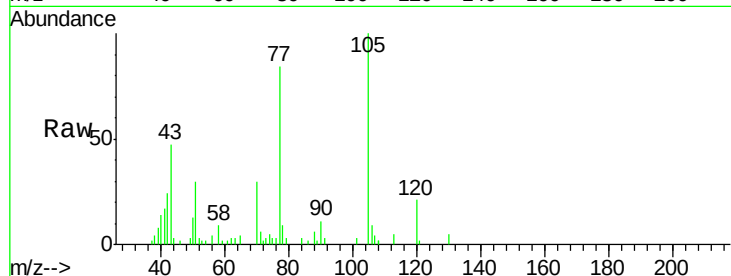
Ion Ratio Lower Upper

105 100

71 5.6 3.2 4.8#

51 29.6 26.2 39.4

120 21.2 16.6 24.8

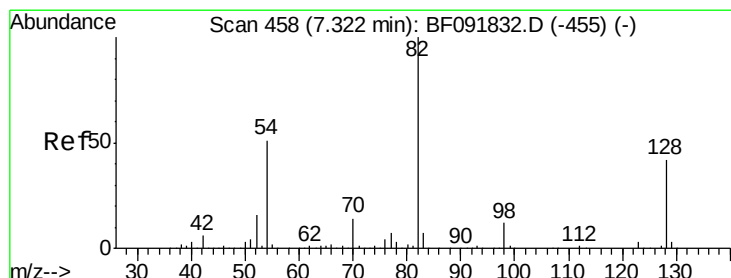
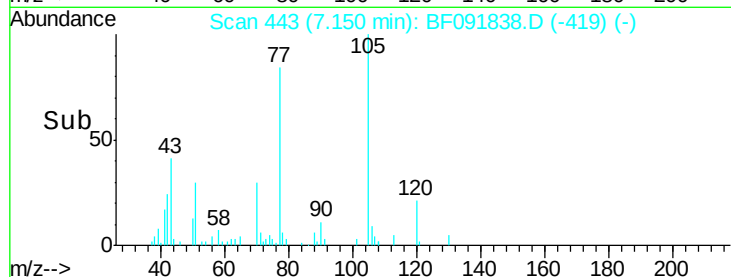
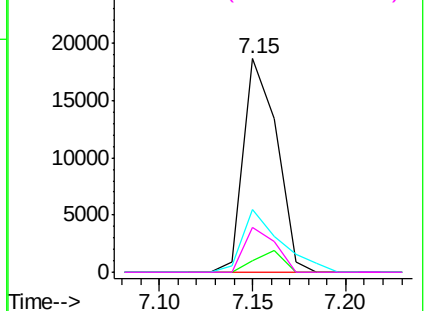


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.32 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

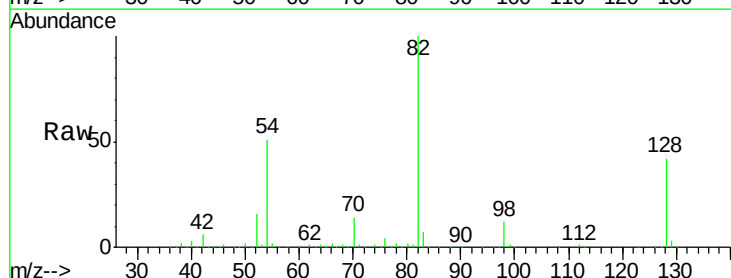
Tgt Ion: 82 Resp: 1387732

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

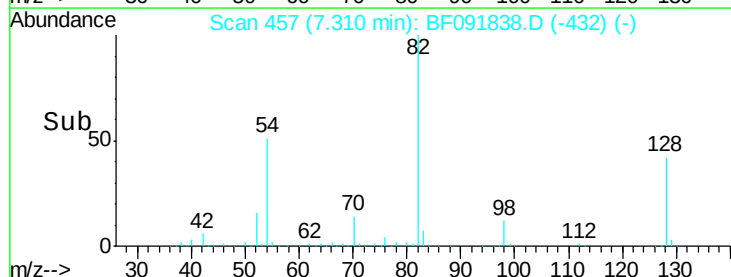
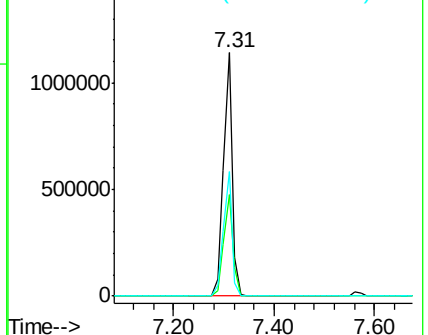
54 50.9 39.5 59.3

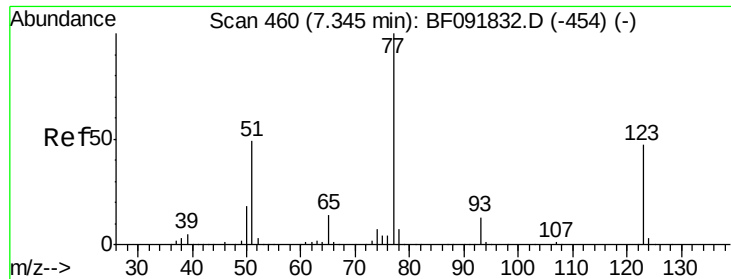


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

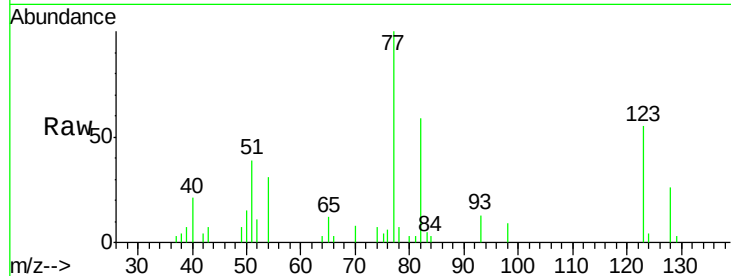
Ion 54.00 (53.70 to 54.70): BF0



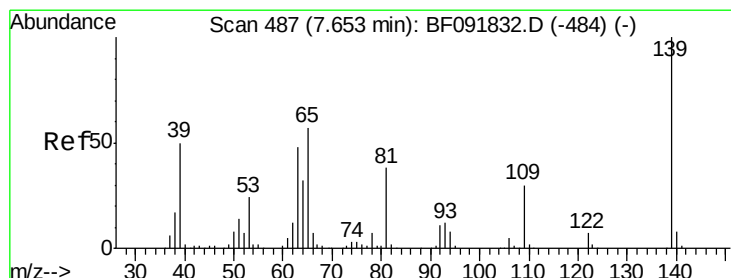
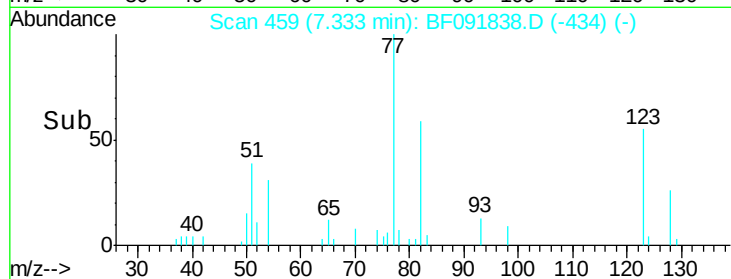
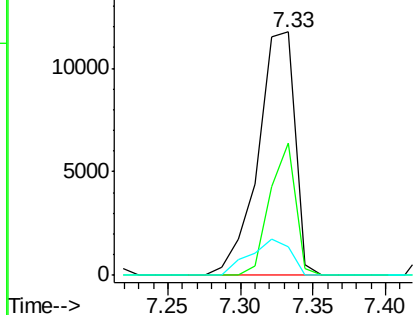


#24
Nitrobenzene
Concen: 1.05 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 77 Resp: 20826
Ion Ratio Lower Upper
77 100
123 54.6 33.0 49.4#
65 11.7 11.2 16.8

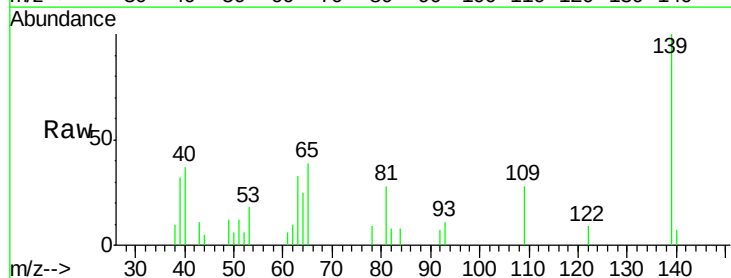


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0

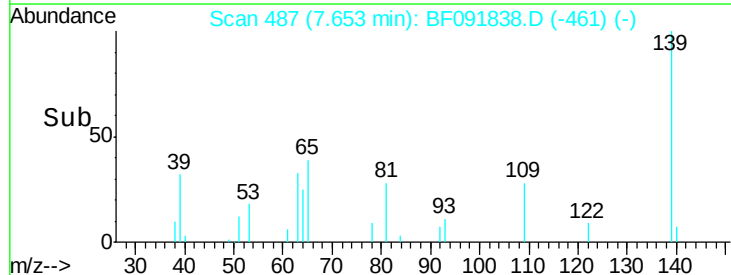
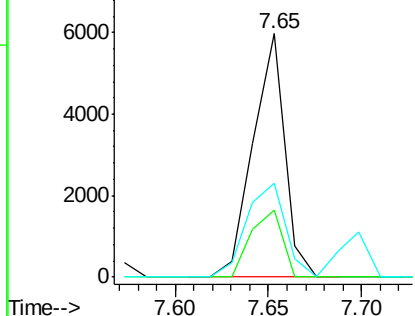


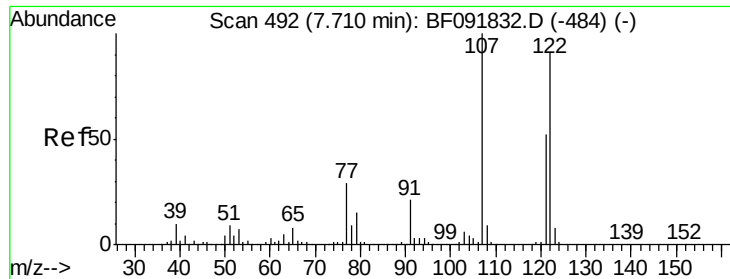
#26
2-Nitrophenol
Concen: 0.73 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 139 Resp: 7143
Ion Ratio Lower Upper
139 100
109 27.5 23.3 34.9
65 38.8 42.7 64.1#



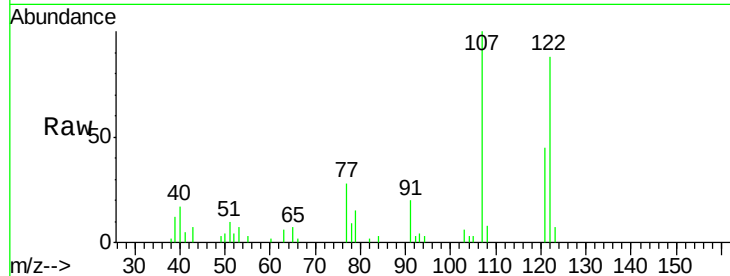
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



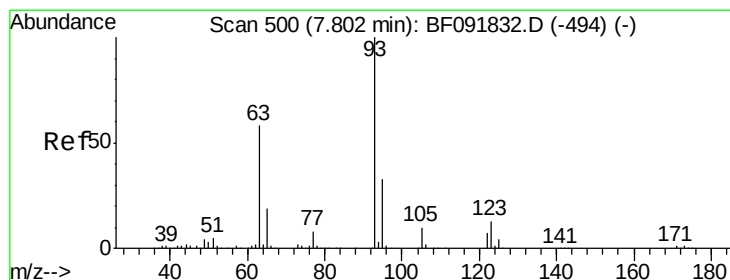
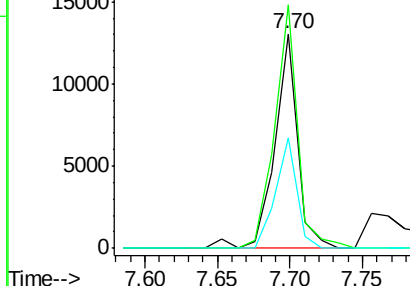
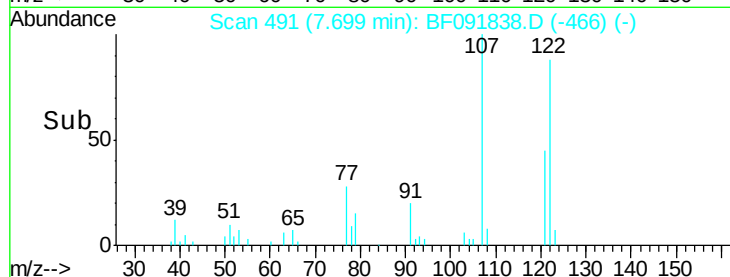


#27
 2,4-Dimethylphenol
 Concen: 0.87 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion: 122 Resp: 14178
 Ion Ratio Lower Upper
 122 100
 107 113.5 94.1 141.1
 121 51.4 46.0 69.0

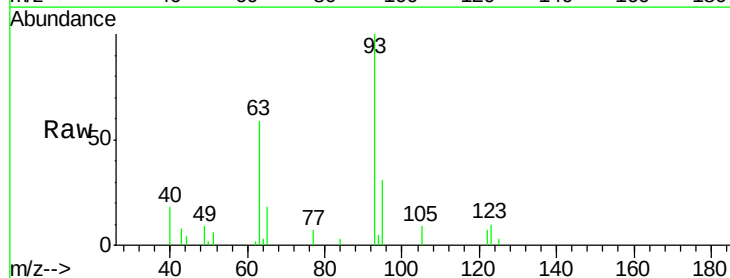


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

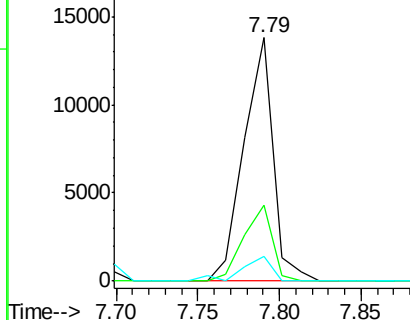
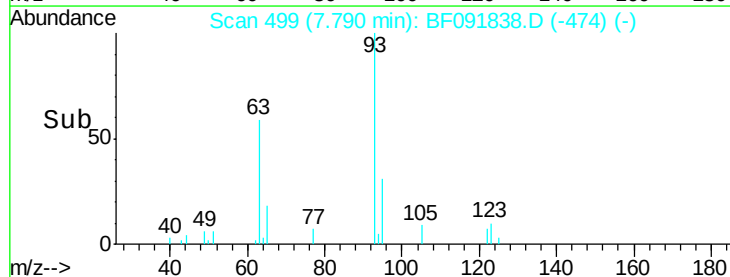


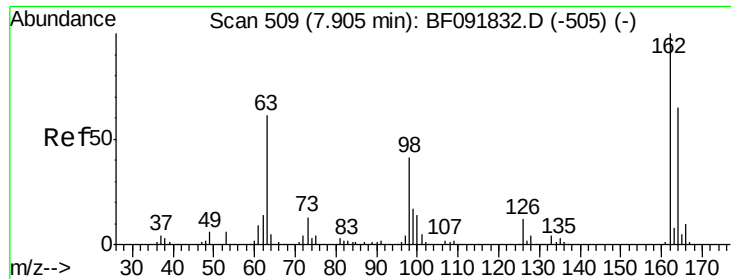
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.82 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion: 93 Resp: 17148
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.5 39.7
 123 10.2 8.6 13.0



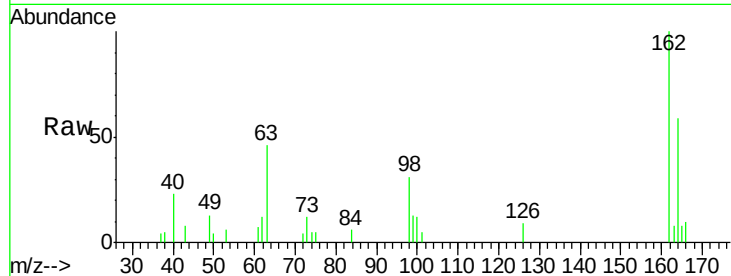
Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



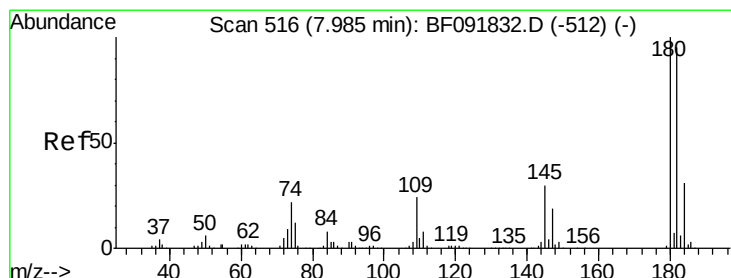
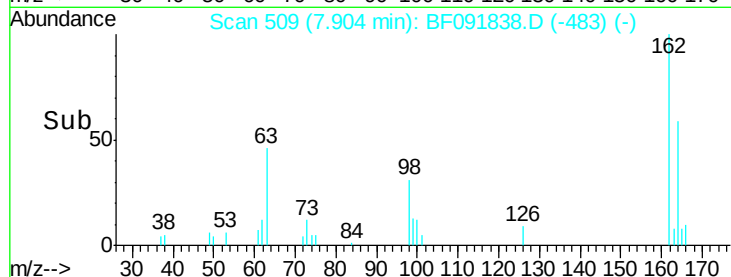
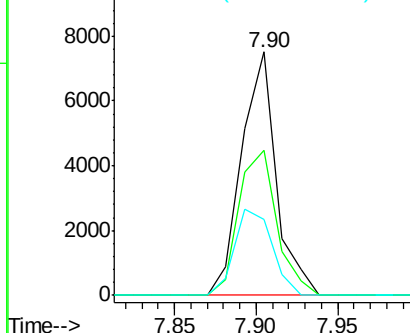


#29
 2,4-Dichlorophenol
 Concen: 0.80 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.4	46.8	86.8
98	31.1	9.1	49.1

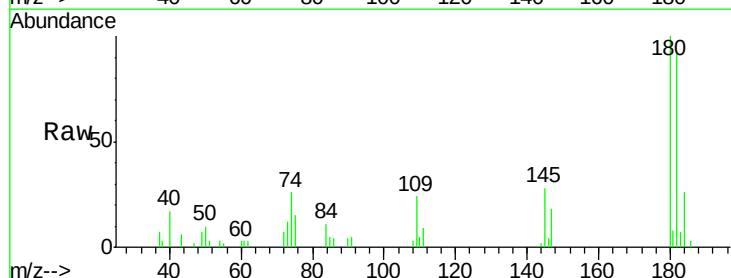


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

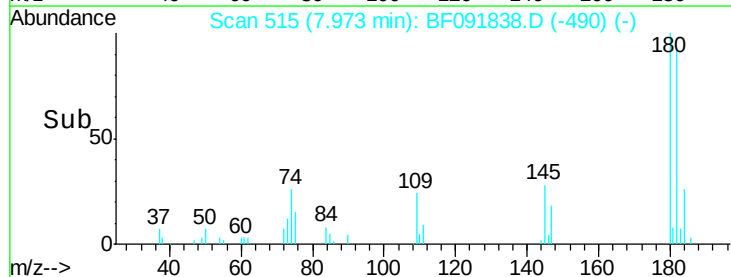
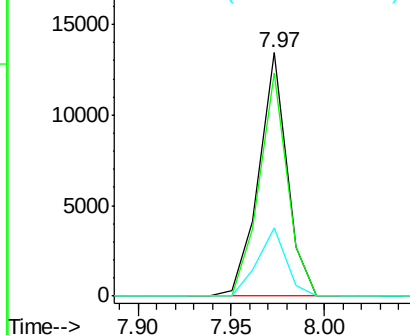


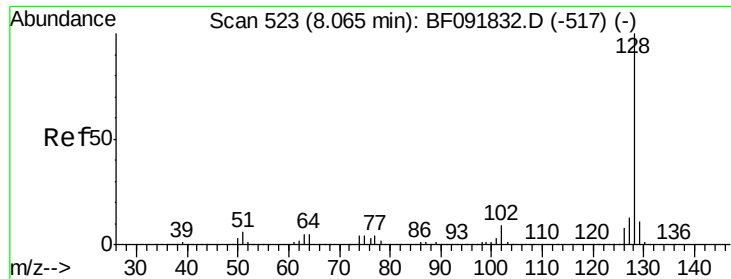
#30
 1,2,4-Trichlorobenzene
 Concen: 0.94 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	78.2	117.4
145	27.8	21.6	32.4



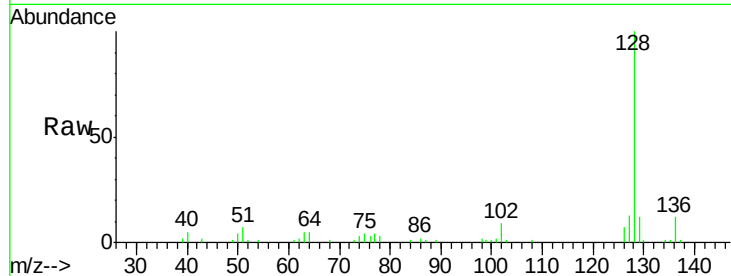
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



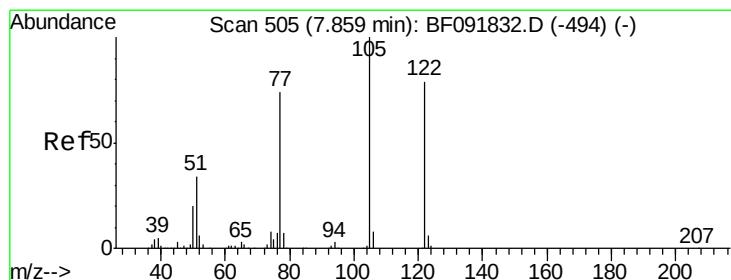
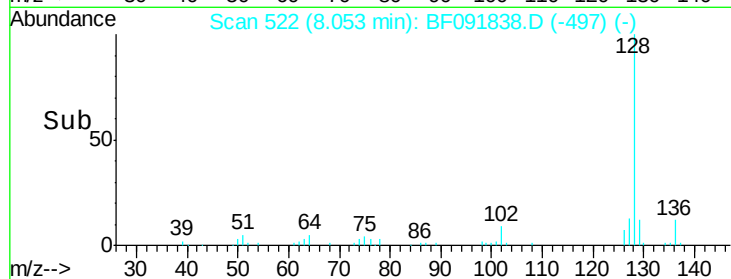
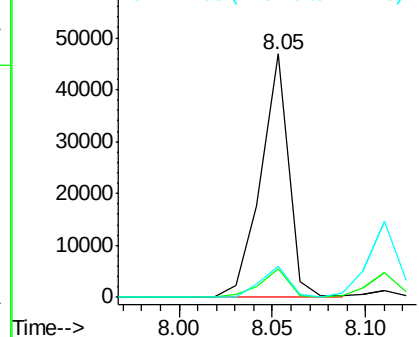


#31
Naphthalene
Concen: 1.02 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:128 Resp: 48359
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 12.7 10.8 16.2

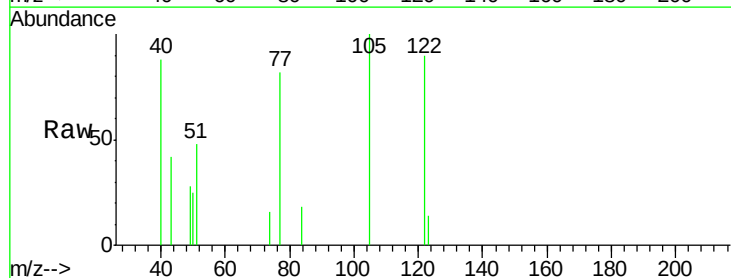


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

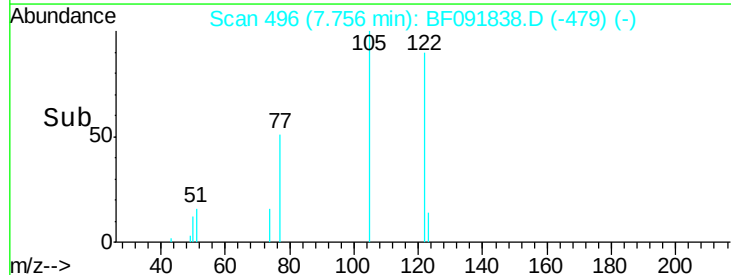
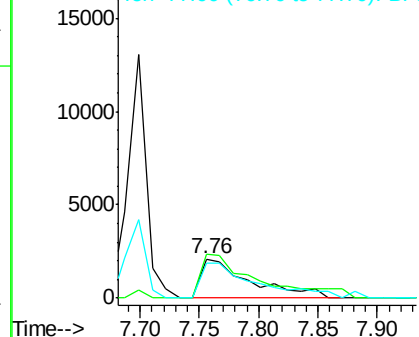


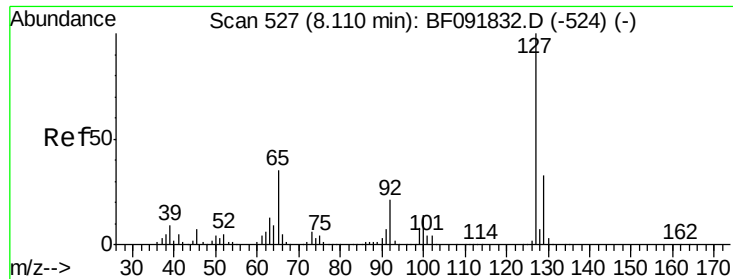
#32
Benzoic acid
Concen: 0.51 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.10 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:122 Resp: 6105
Ion Ratio Lower Upper
122 100
105 110.8 107.2 147.2
77 90.7 74.5 114.5



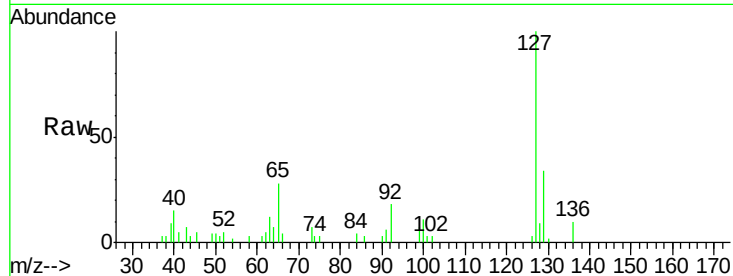
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



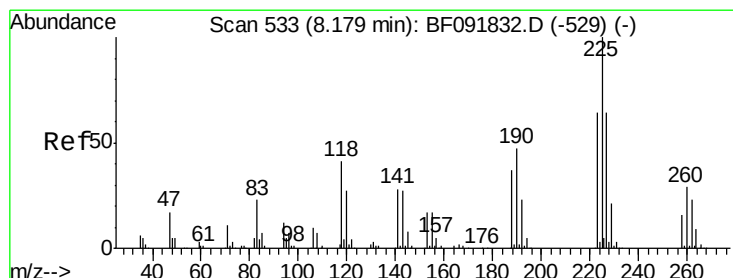
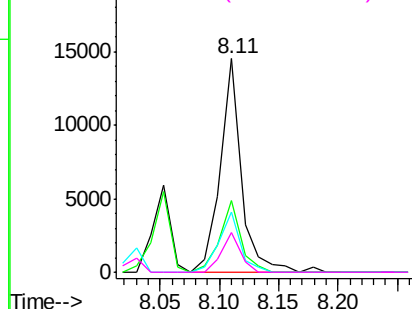
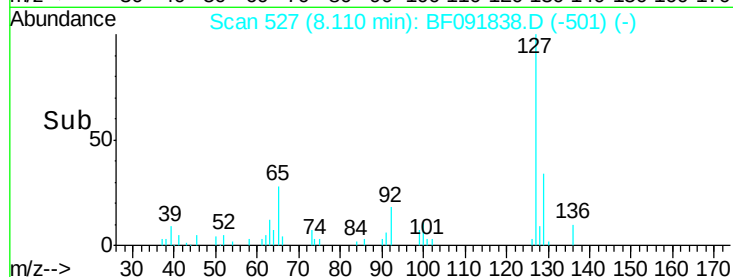


#33
4-Chloroaniline
Concen: 0.83 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:	127	Resp:	17858
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.3	39.5
65	28.0	25.8	38.8
92	18.3	16.1	24.1

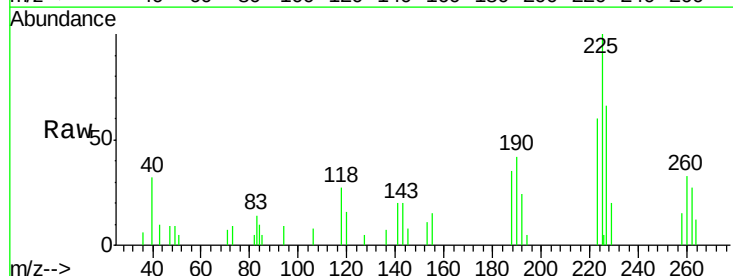


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

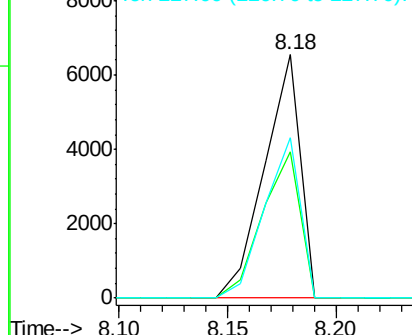
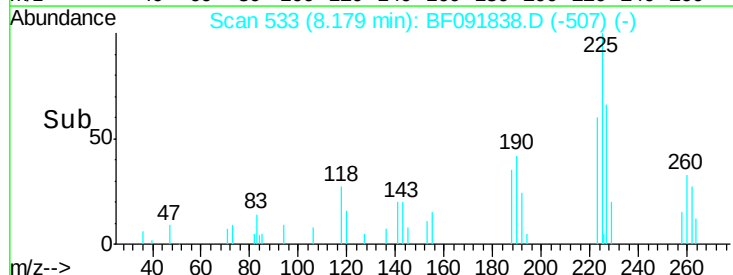


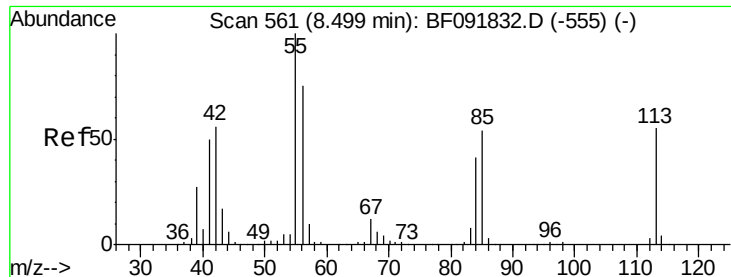
#34
Hexachlorobutadiene
Concen: 0.95 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:	225	Resp:	7586
Ion	Ratio	Lower	Upper
225	100		
223	60.0	51.0	76.6
227	66.0	50.6	76.0



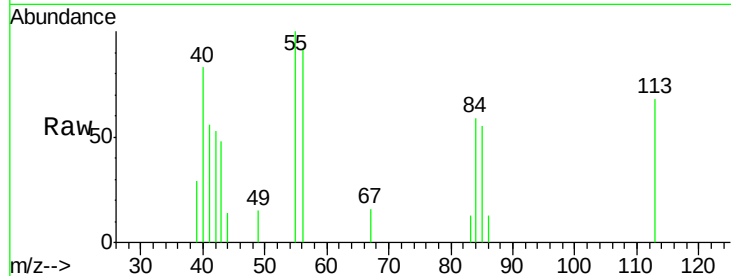
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



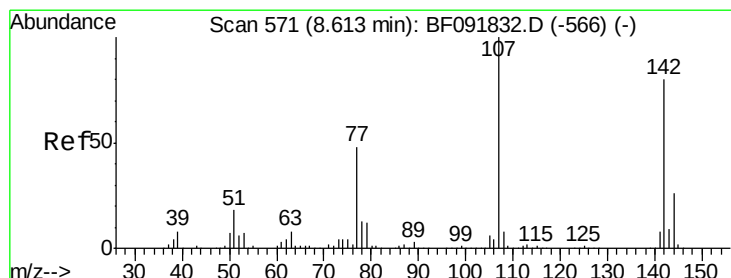
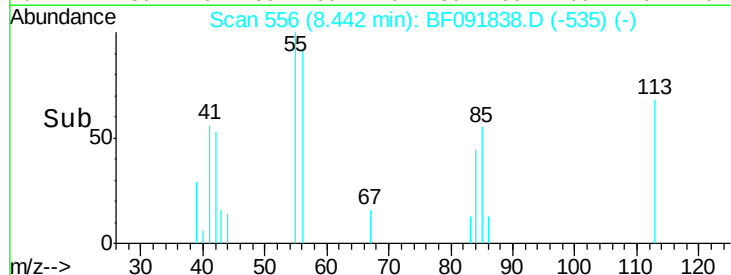
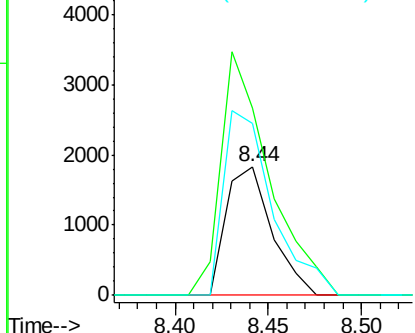


#35
 Caprolactam
 Concen: 0.69 ng
 RT: 8.44 min Scan# 556
 Delta R.T. -0.06 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:113 Resp: 3125
 Ion Ratio Lower Upper
 113 100
 55 146.0 119.2 159.2
 56 133.8 83.8 123.8#

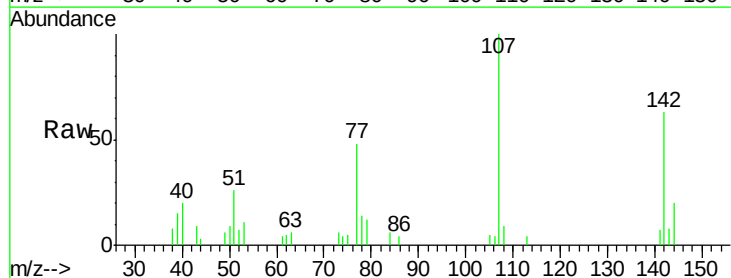


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

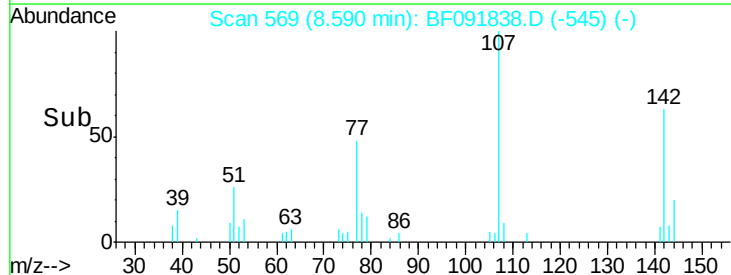
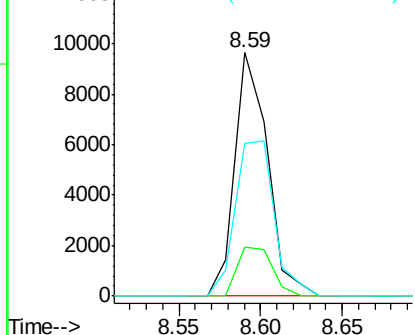


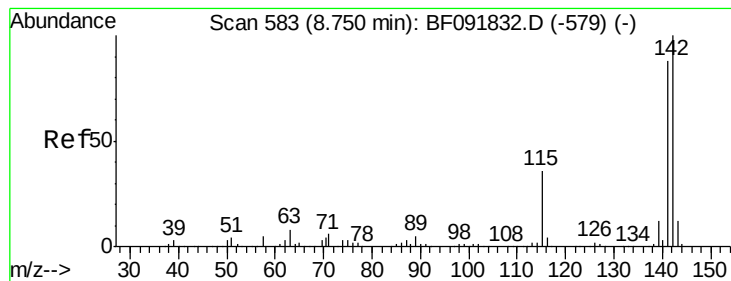
#36
 4-Chloro-3-methylphenol
 Concen: 0.85 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:107 Resp: 13397
 Ion Ratio Lower Upper
 107 100
 144 20.0 19.3 28.9
 142 62.7 59.0 88.6



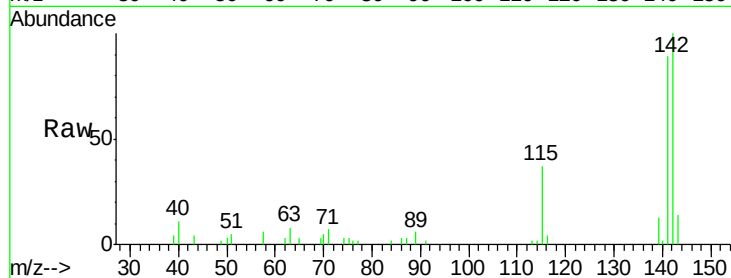
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



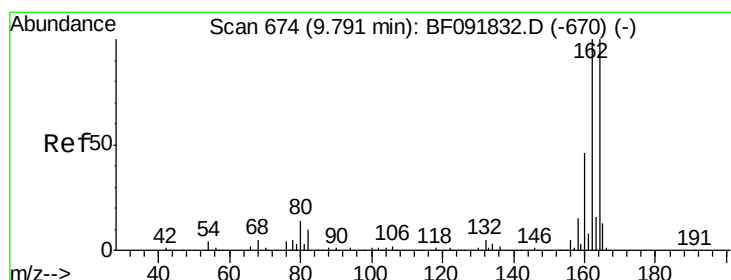
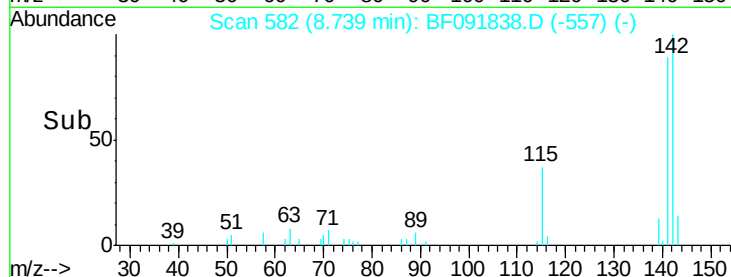
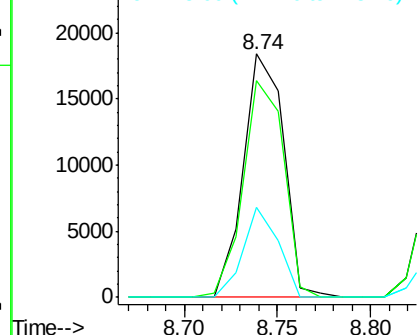


#37
2-Methylnaphthalene
Concen: 0.35 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:142 Resp: 27669
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 36.8 28.3 42.5

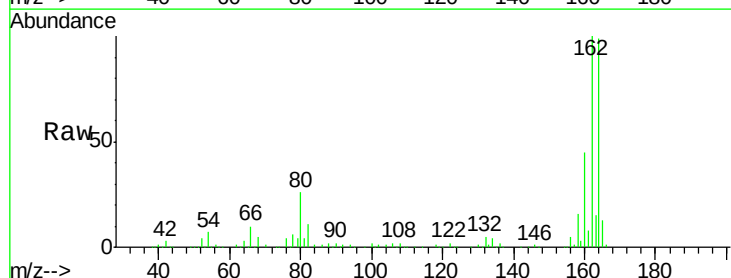


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

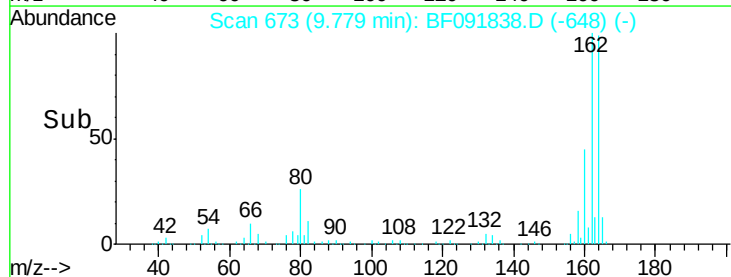
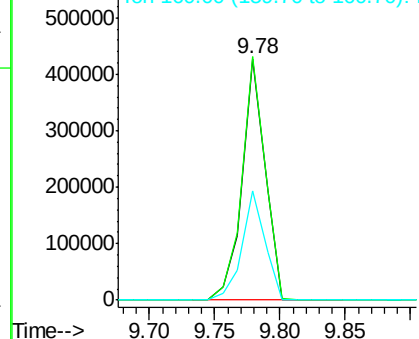


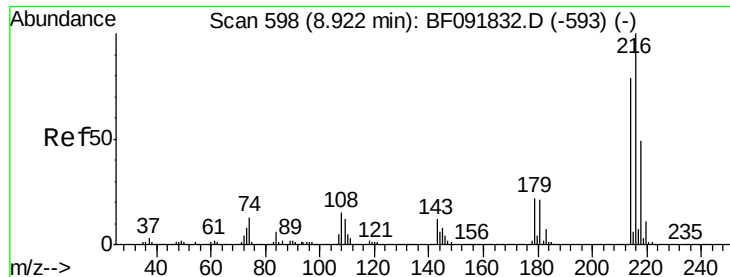
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:164 Resp: 522420
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 45.3 36.9 55.3



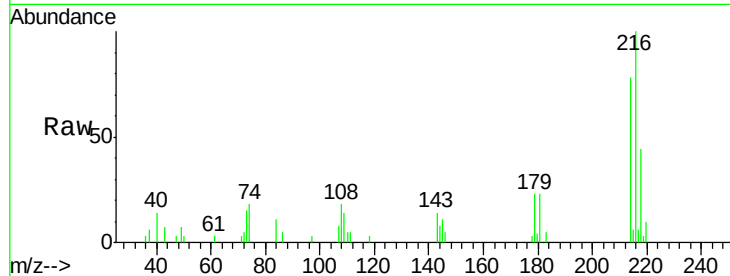
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.02 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:	216	Resp:	13507
Ion	Ratio	Lower	Upper
216	100		
214	75.0	63.4	95.0
179	21.1	17.4	26.2
108	18.3	15.6	23.4

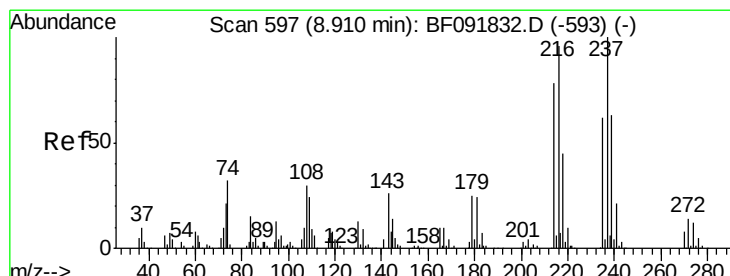
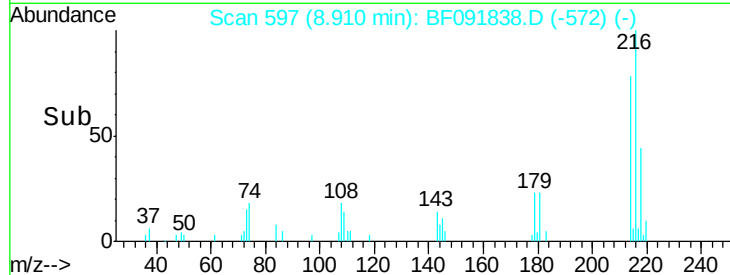
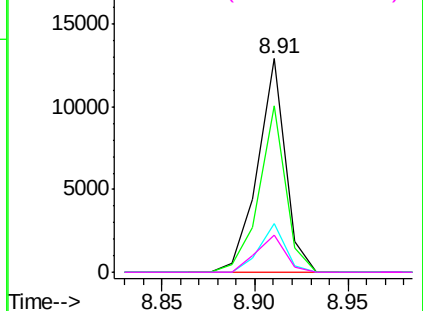


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

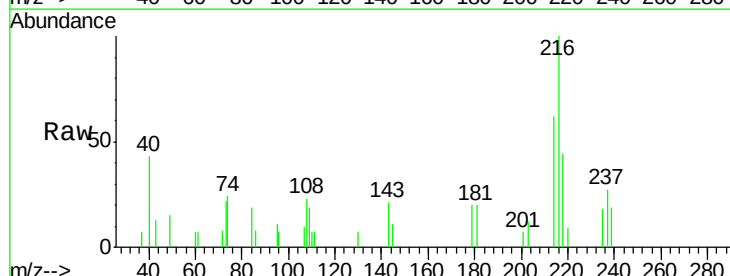
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 4.11 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

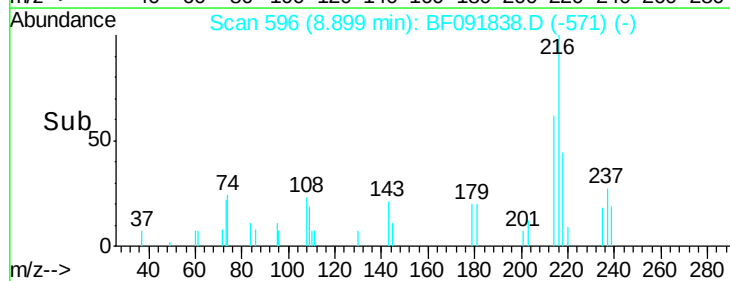
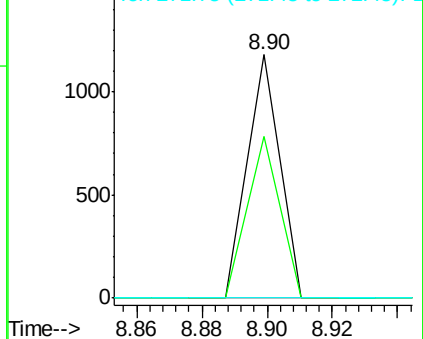
Tgt Ion:	237	Resp:	808
Ion	Ratio	Lower	Upper
237	100		
235	66.6	41.2	81.2
272	0.0	0.0	35.4

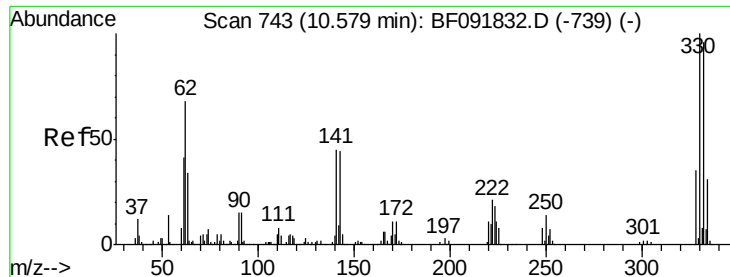


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

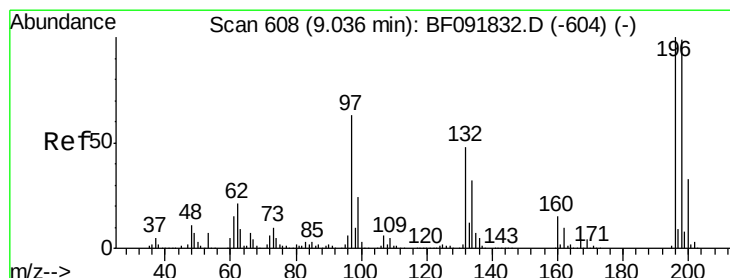
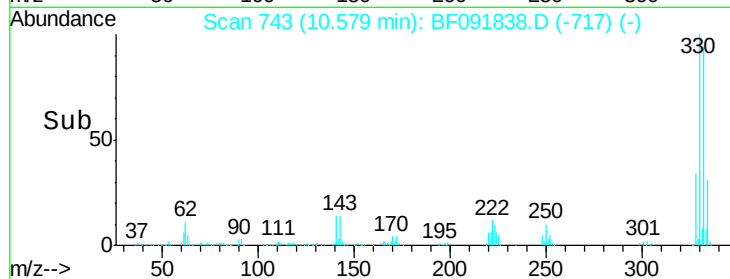
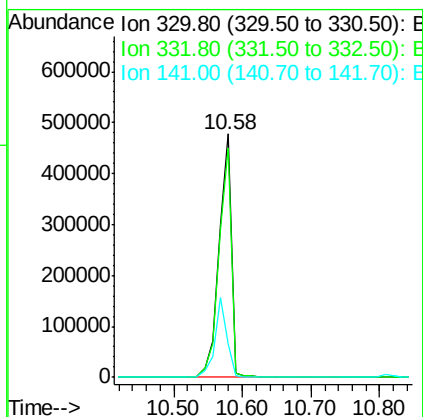
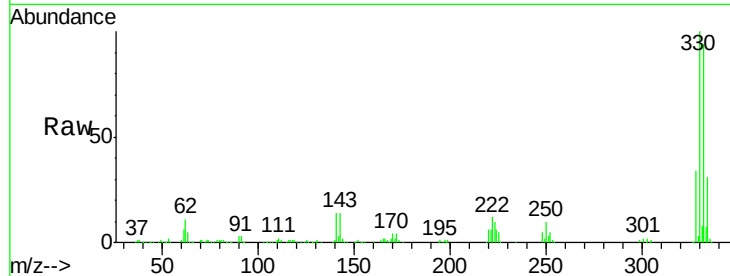
Ion 271.75 (271.45 to 272.45): E





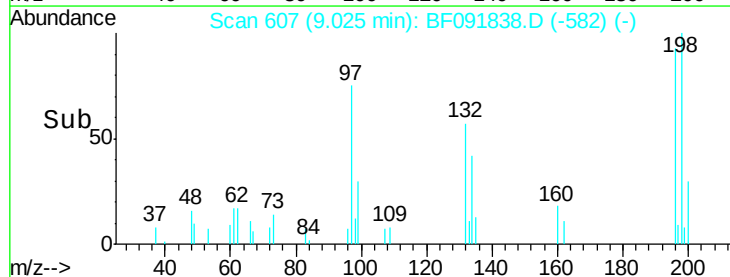
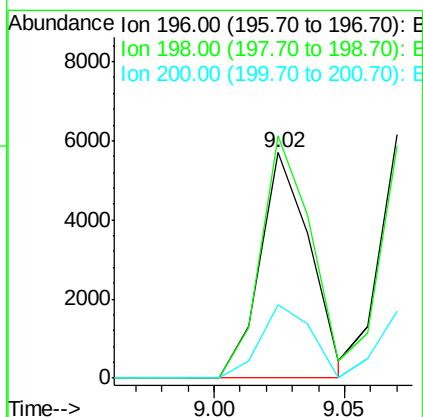
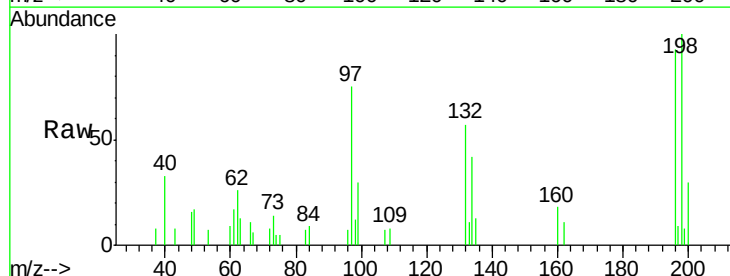
#41
 2,4,6-Tribromophenol
 Concen: 141.23 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

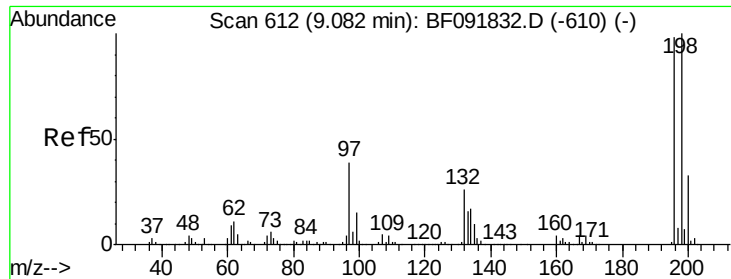
Tgt Ion: 330 Resp: 610598
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 31.8 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 0.83 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

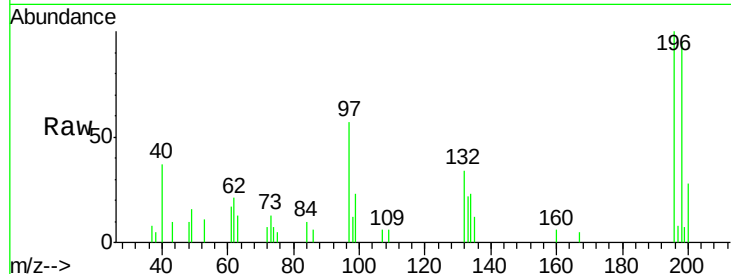
Tgt Ion: 196 Resp: 7636
 Ion Ratio Lower Upper
 196 100
 198 107.4 82.1 123.1
 200 32.5 27.0 40.4



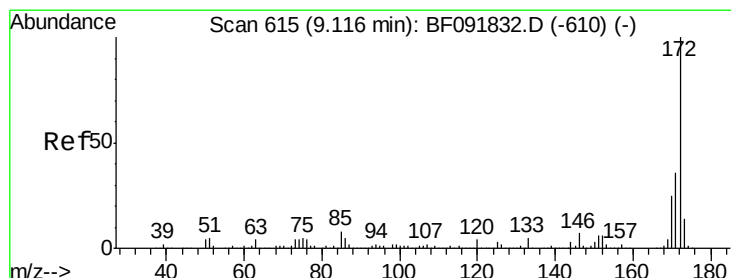
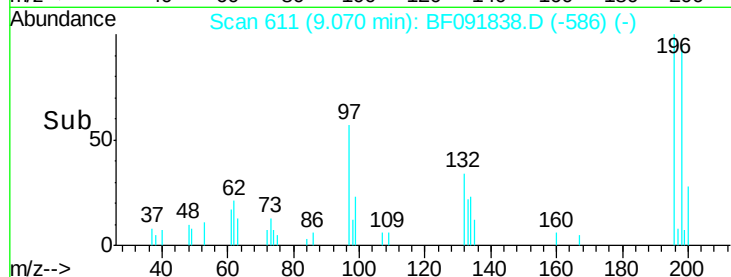
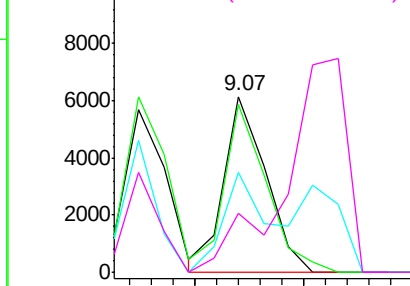


#43
 2,4,5-Trichlorophenol
 Concen: 0.87 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:196 Resp: 8264
 Ion Ratio Lower Upper
 196 100
 198 95.4 79.4 119.2
 97 56.7 51.5 77.3
 132 33.8 27.4 41.2

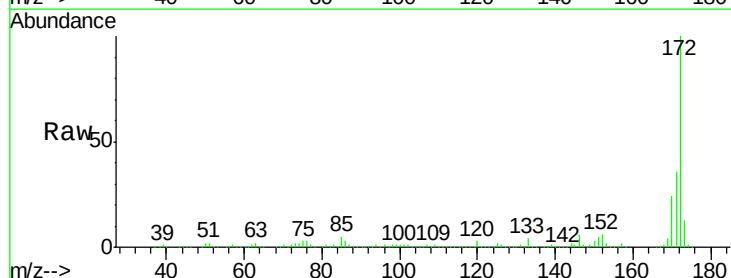


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

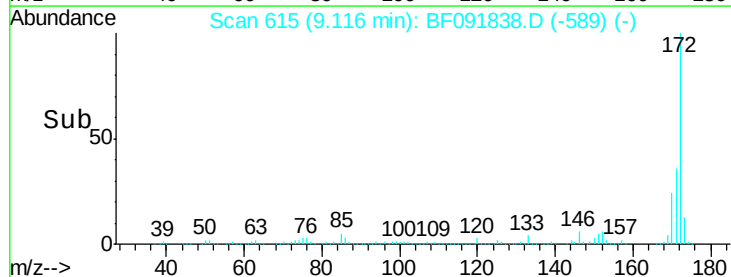
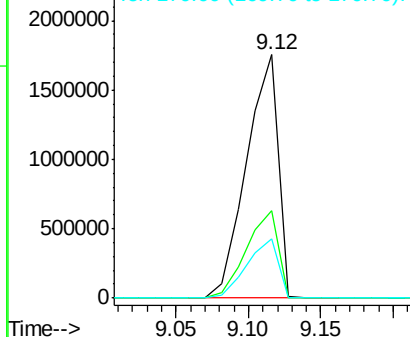


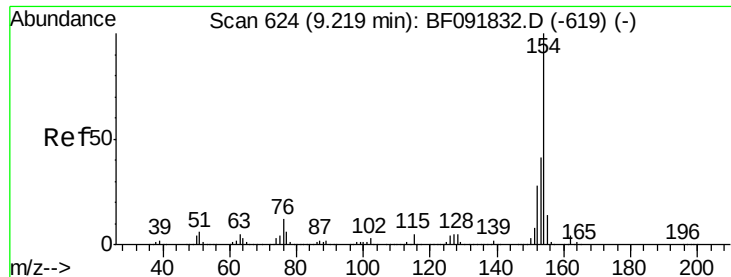
#44
 2-Fluorobiphenyl
 Concen: 107.59 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:172 Resp: 2655908
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.5 20.2 30.4



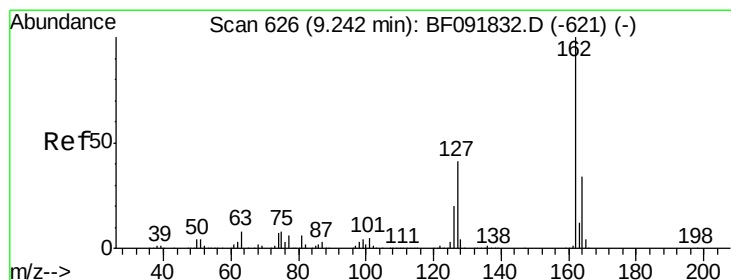
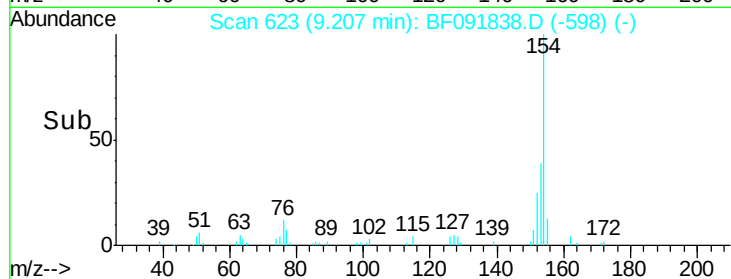
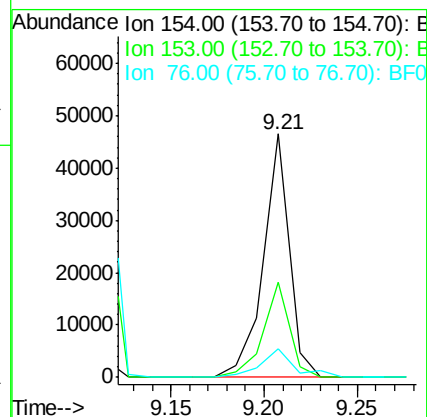
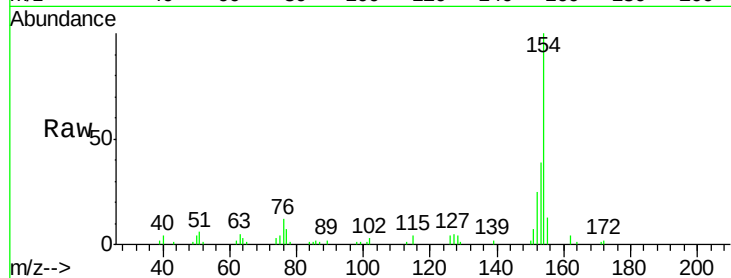
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





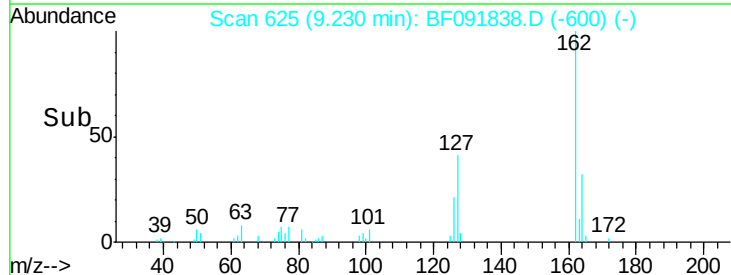
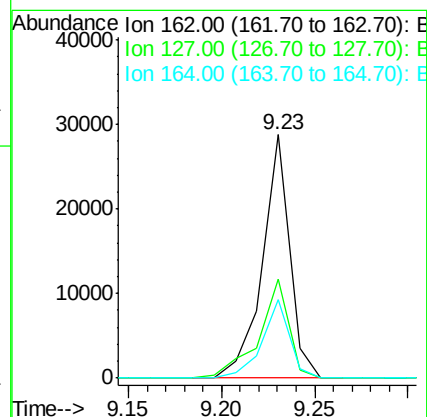
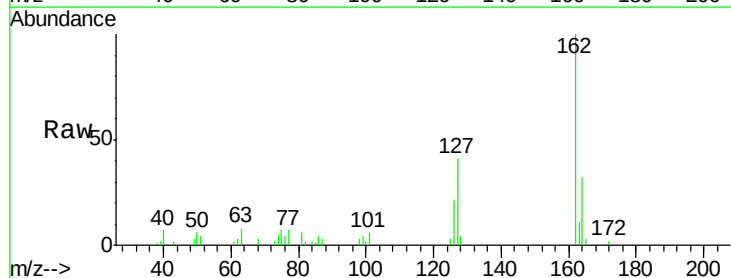
#45
 1,1'-Biphenyl
 Concen: 1.25 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

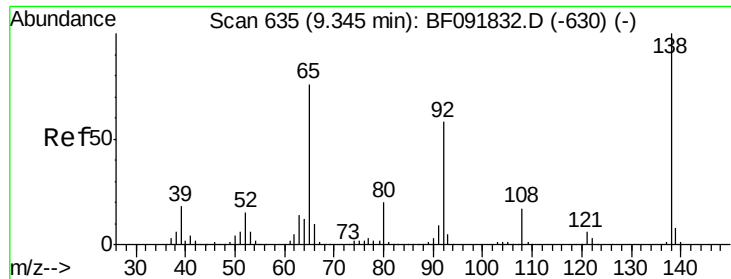
Tgt Ion:	154	Resp:	44671
Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.9	60.9
76	12.0	0.0	30.5



#46
 2-Chloronaphthalene
 Concen: 1.02 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

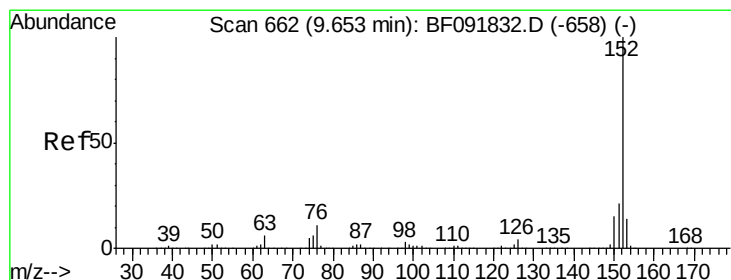
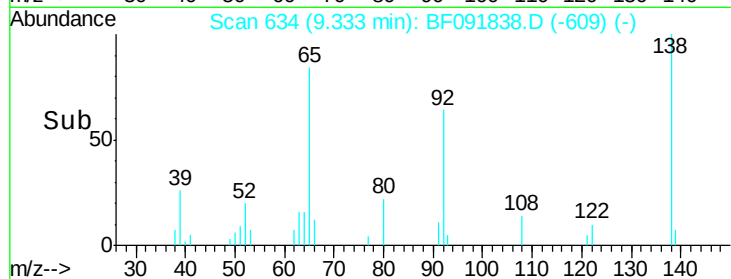
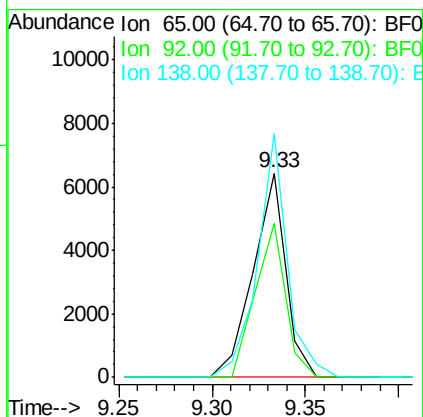
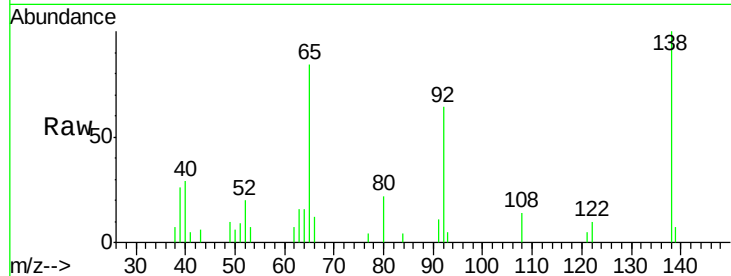
Tgt Ion:	162	Resp:	28993
Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	32.2	27.6	41.4





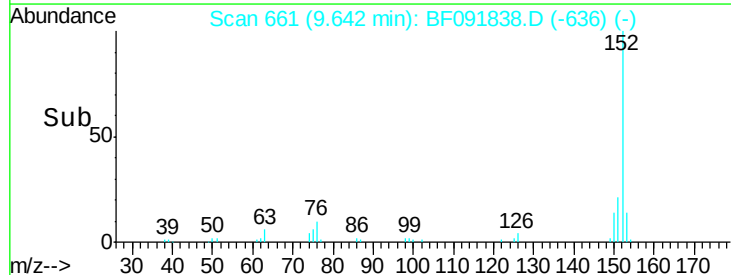
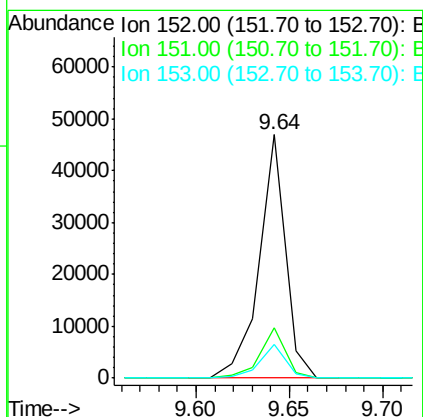
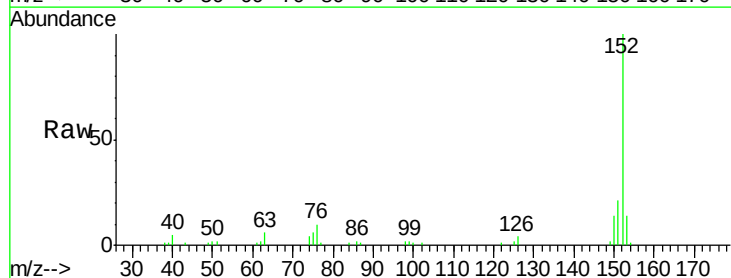
#47
2-Nitroaniline
Concen: 0.78 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

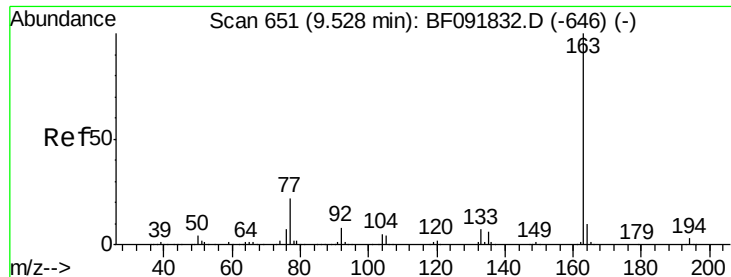
Tgt Ion: 65 Resp: 7896
Ion Ratio Lower Upper
65 100
92 75.7 53.9 80.9
138 119.1 76.8 115.2#



#48
Acenaphthylene
Concen: 1.04 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

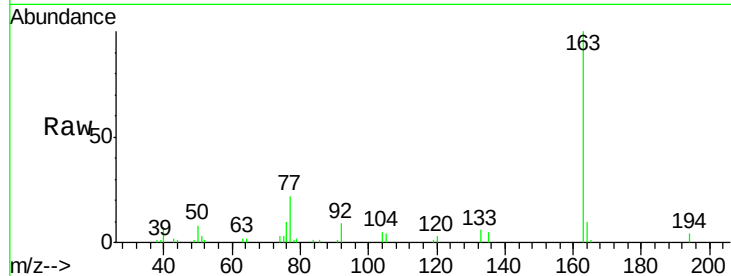
Tgt Ion: 152 Resp: 45526
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 14.1 11.4 17.2



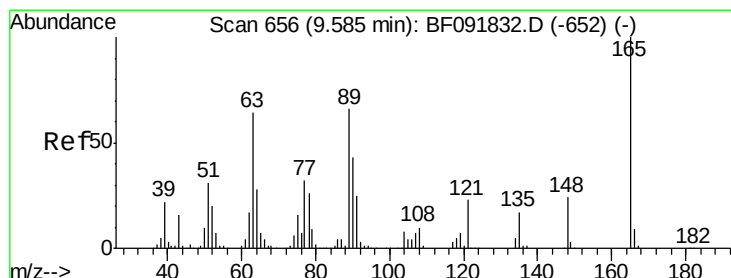
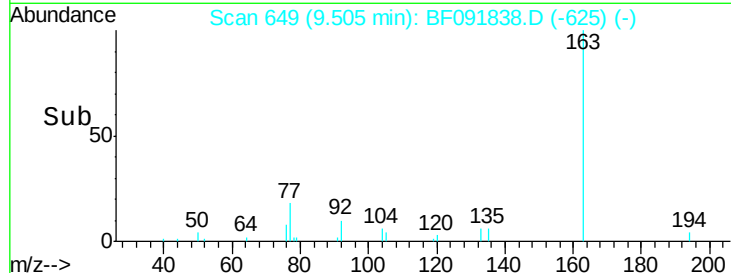
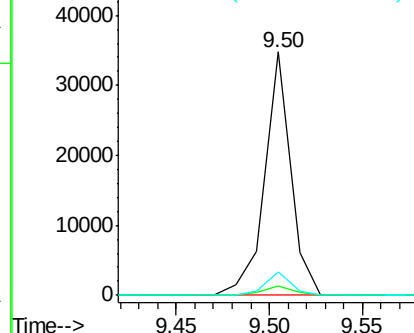


#49
Dimethylphthalate
Concen: 1.00 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:163 Resp: 33429
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.6 8.0 12.0

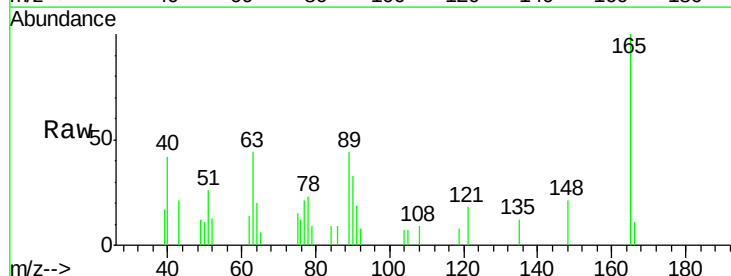


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

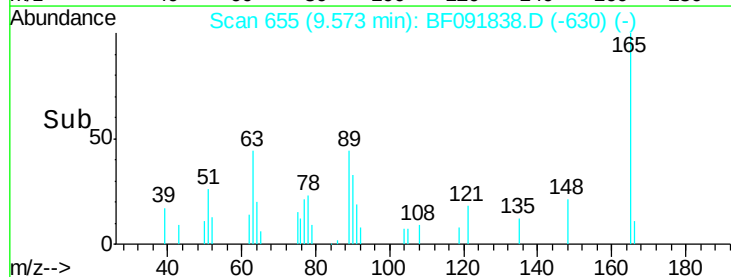
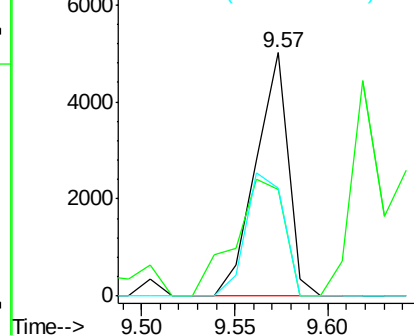


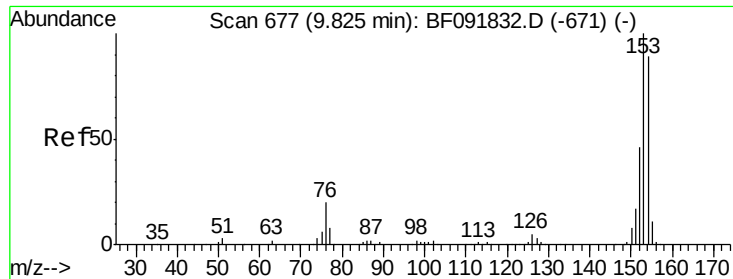
#50
2,6-Dinitrotoluene
Concen: 0.82 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:165 Resp: 6032
Ion Ratio Lower Upper
165 100
63 43.9 36.2 54.4
89 44.2 40.2 60.4



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





#51

Acenaphthene

Concen: 1.01 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

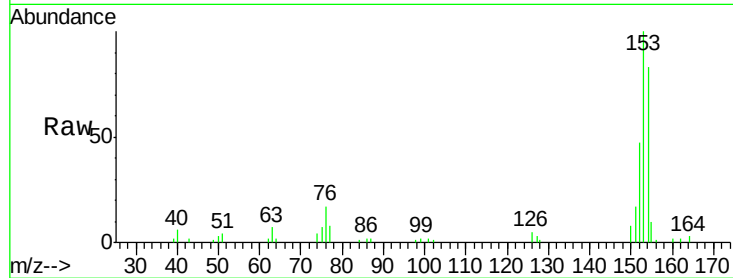
Tgt Ion:154 Resp: 29934

Ion Ratio Lower Upper

154 100

153 120.3 88.6 133.0

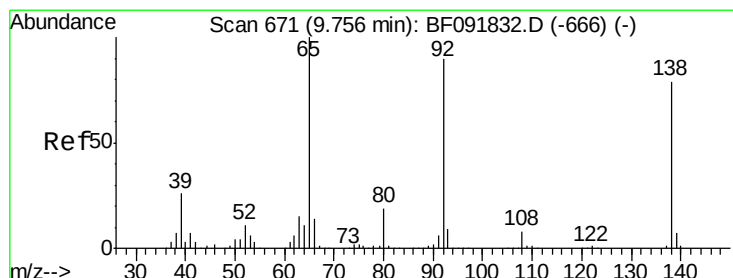
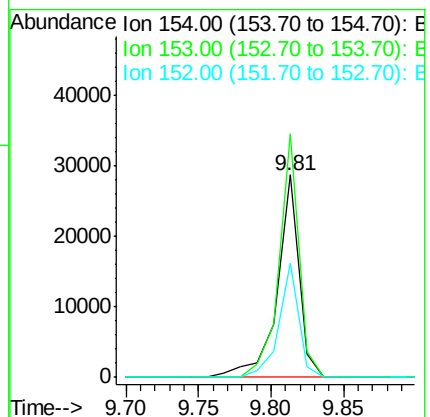
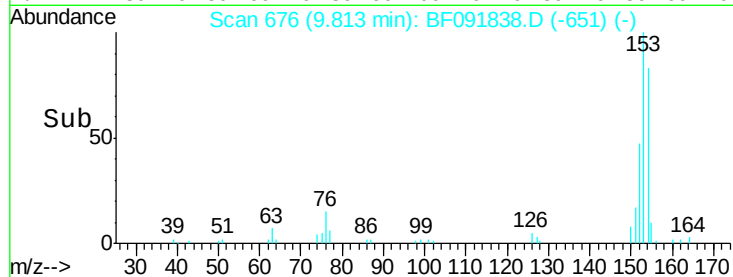
152 56.7 41.6 62.4



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: 0.82 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

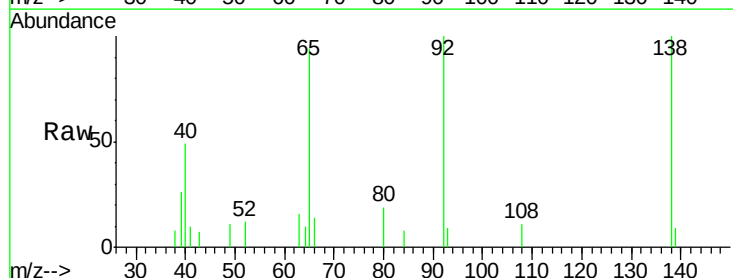
Tgt Ion:138 Resp: 7412

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

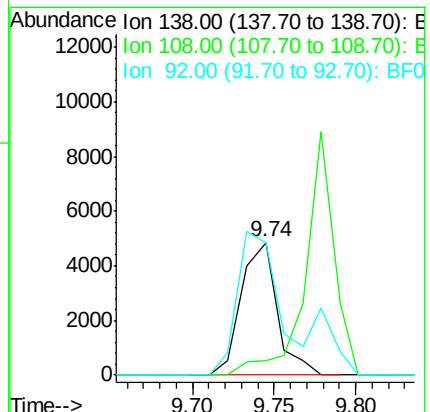
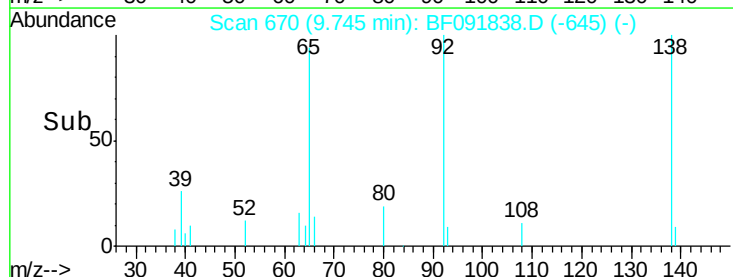
92 100.1 97.8 146.8

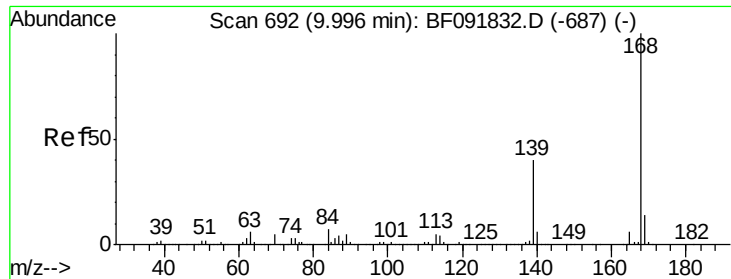


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

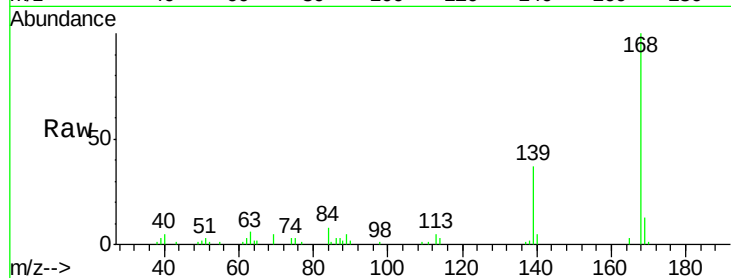
Ion 92.00 (91.70 to 92.70): BF0



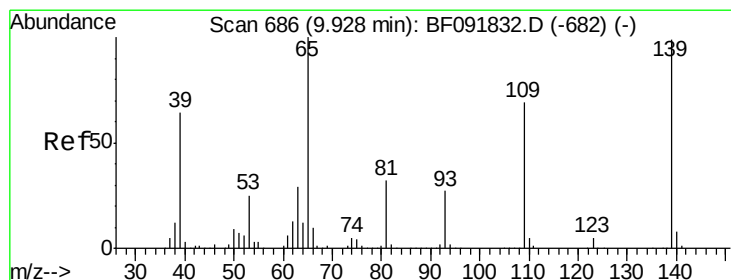
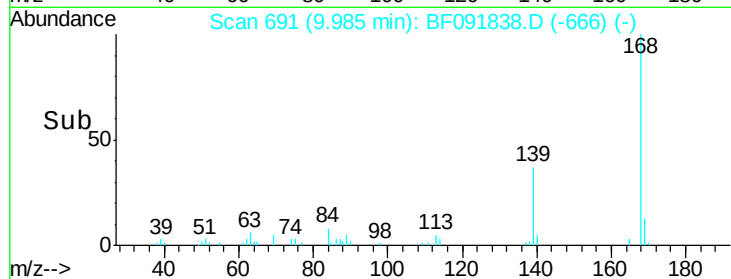
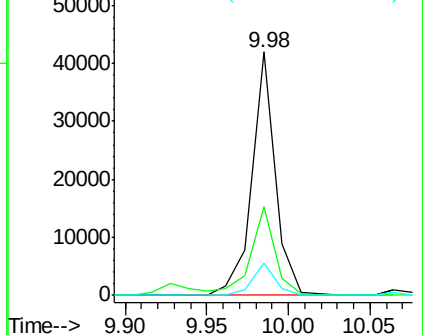


#54
Dibenzofuran
Concen: 1.05 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:168 Resp: 42047
Ion Ratio Lower Upper
168 100
139 36.5 32.6 49.0
169 13.2 11.3 16.9

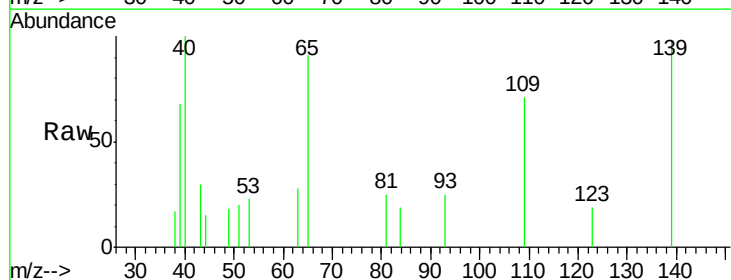


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

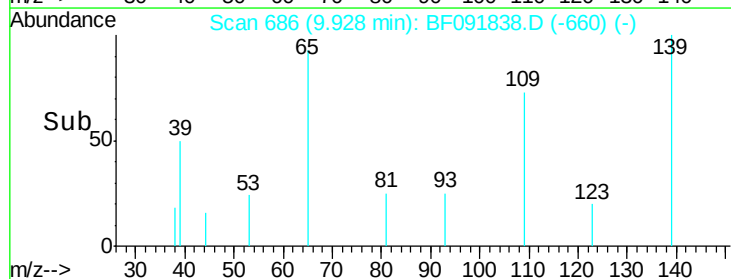
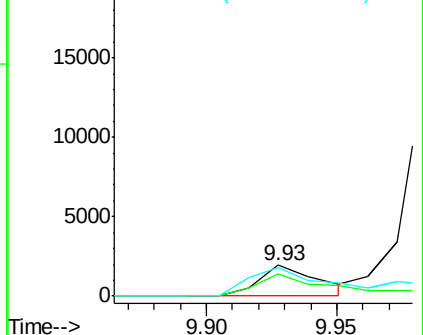


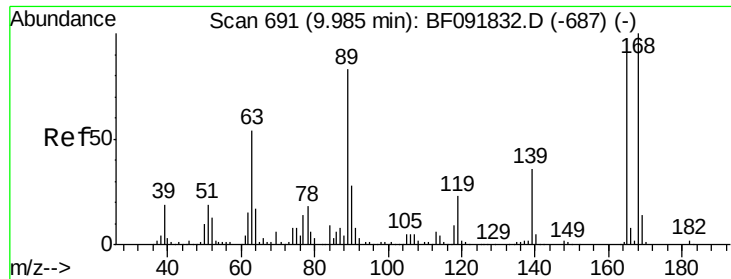
#55
4-Nitrophenol
Concen: 0.50 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:139 Resp: 3047
Ion Ratio Lower Upper
139 100
109 72.7 52.2 92.2
65 93.0 85.8 125.8



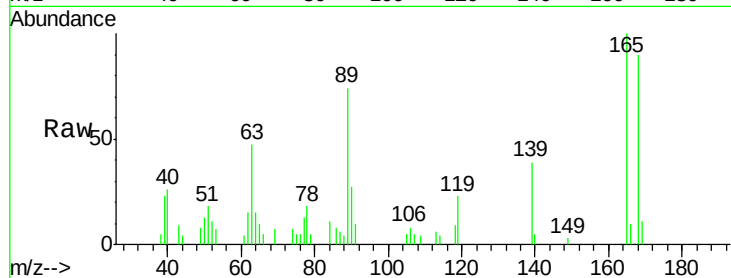
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#56
2,4-Dinitrotoluene
Concen: 0.91 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:	165	Resp:	8380
Ion	Ratio	Lower	Upper
165	100		
63	46.9	40.2	60.4
89	73.9	62.5	93.7
182	0.0	1.8	2.8

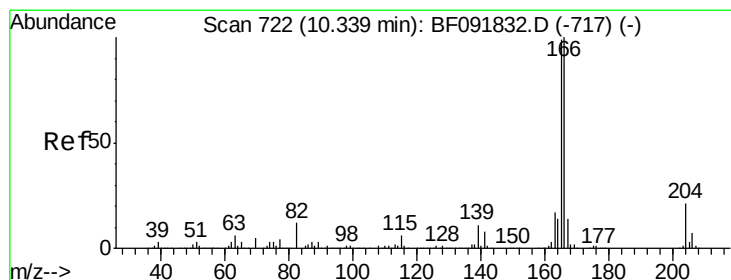
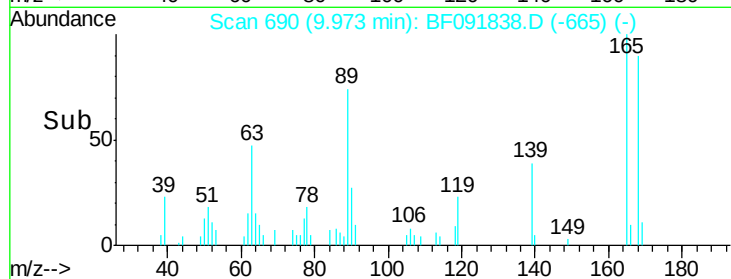
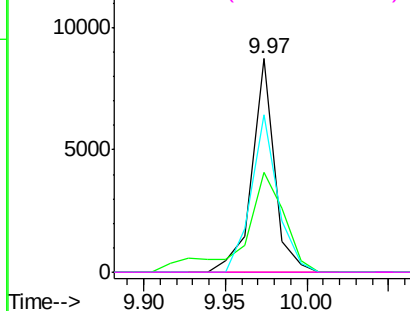


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

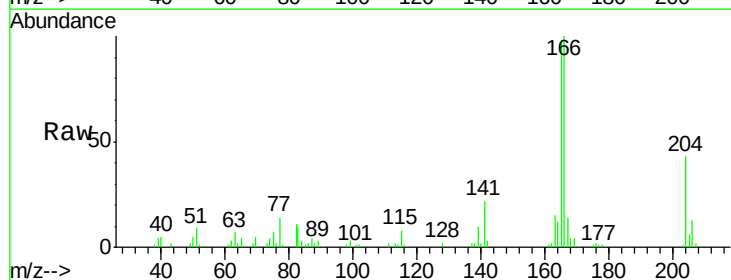
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 1.19 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

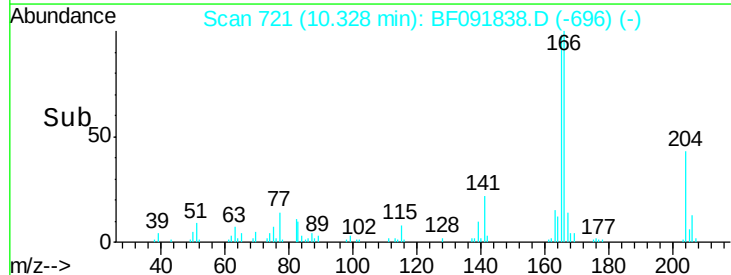
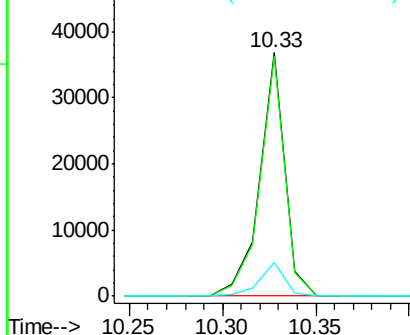
Tgt Ion:	166	Resp:	34623
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.7	10.8	16.2

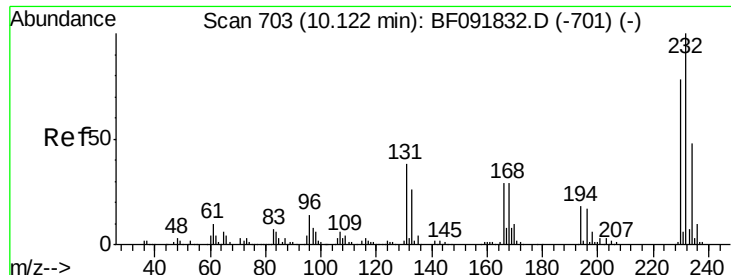


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

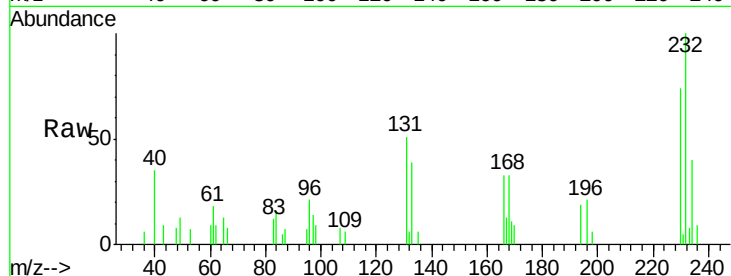
Ion 167.00 (166.70 to 167.70): E



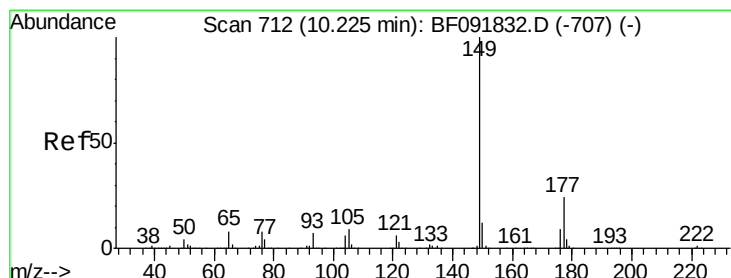
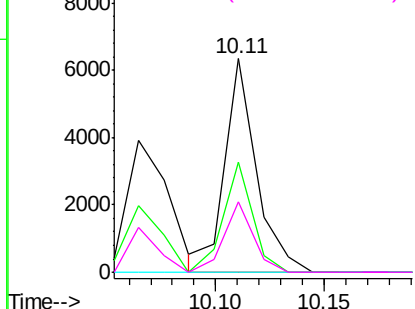
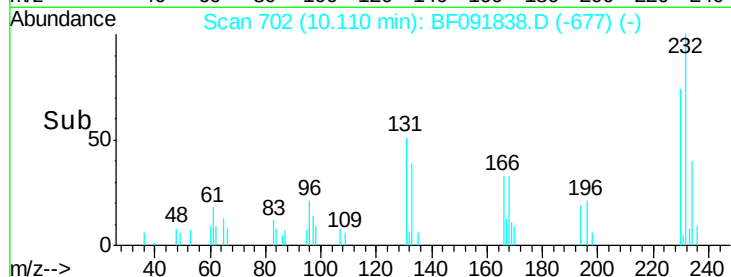


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.85 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:	232	Resp:	6373
Ion	Ratio	Lower	Upper
232	100		
131	47.8	40.1	60.1
130	0.0	1.8	2.8#
166	30.7	26.6	39.8

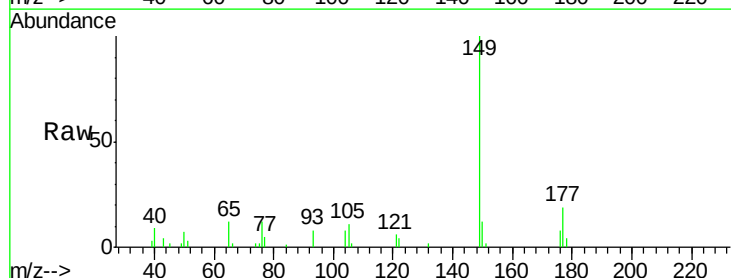


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

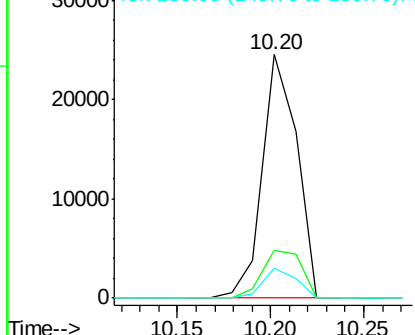
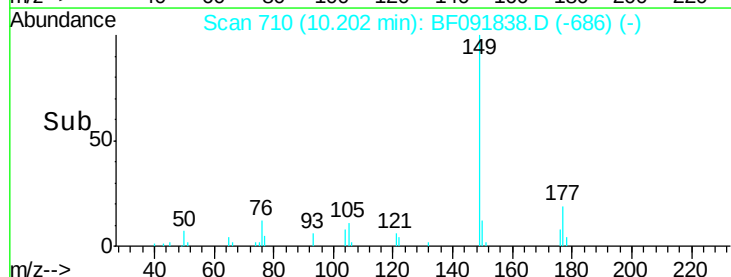


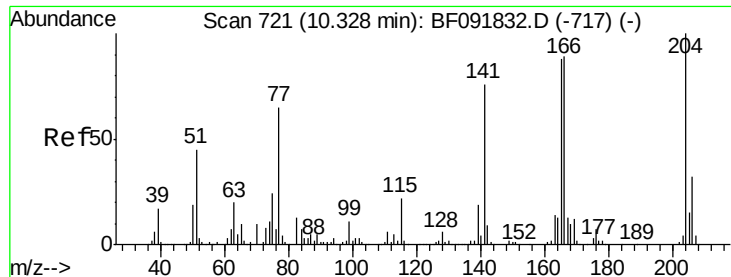
#59
 Diethylphthalate
 Concen: 0.97 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.02 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:	149	Resp:	31324
Ion	Ratio	Lower	Upper
149	100		
177	19.4	16.6	25.0
150	12.3	10.4	15.6



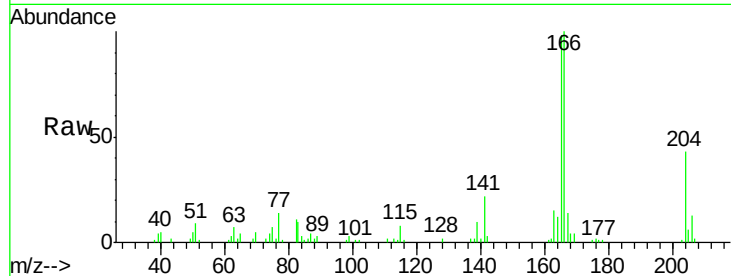
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



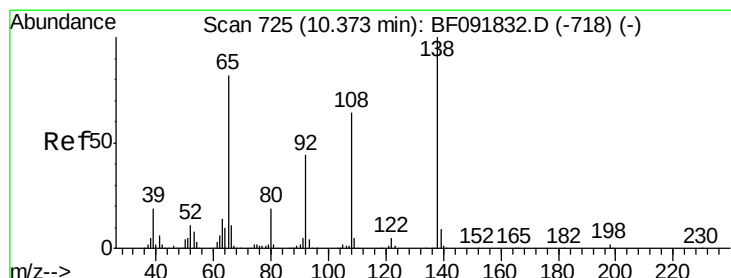
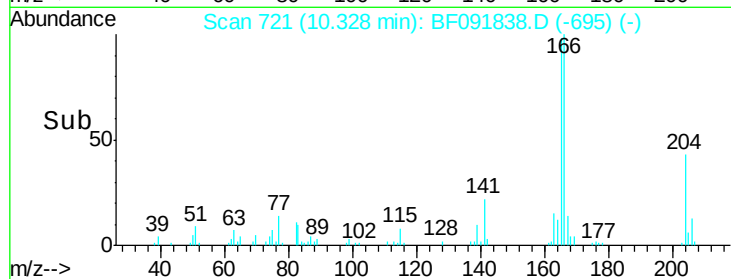
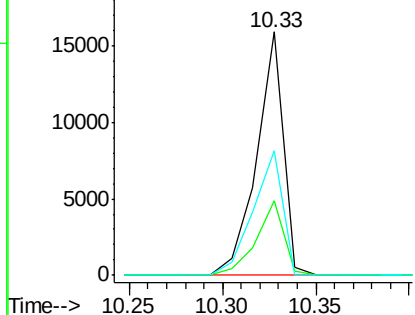


#60
 4-Chlorophenyl-phenylether
 Concen: 1.26 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion: 204 Resp: 15961
 Ion Ratio Lower Upper
 204 100
 206 30.7 25.8 38.6
 141 51.4 59.4 89.0#

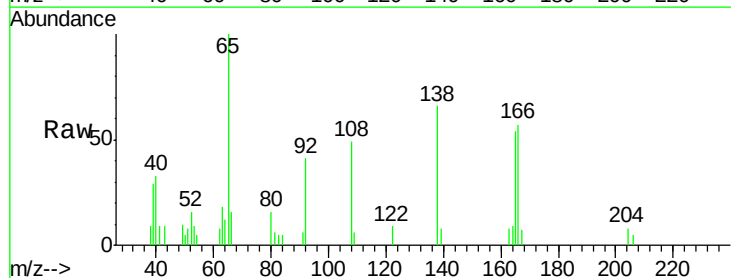


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

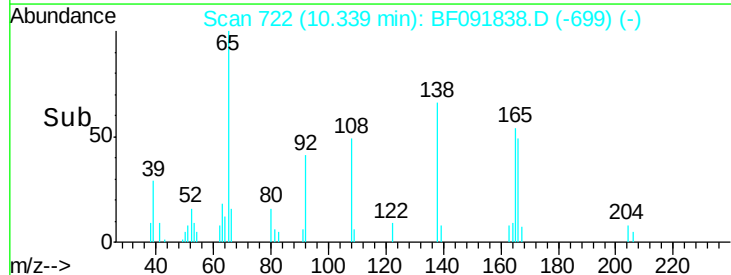
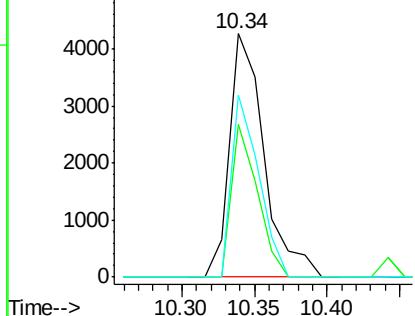


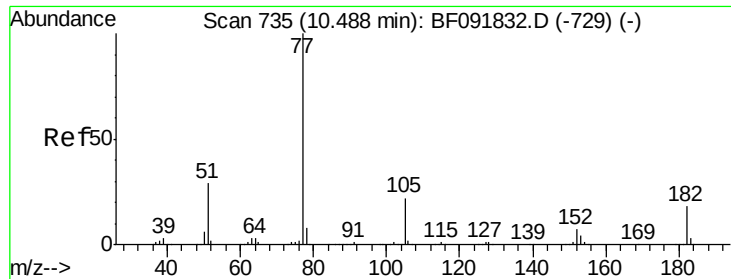
#61
 4-Nitroaniline
 Concen: 0.75 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.03 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion: 138 Resp: 7067
 Ion Ratio Lower Upper
 138 100
 92 62.6 31.7 71.7
 108 74.7 52.6 92.6



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





#62

Azobenzene

Concen: 0.97 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

Tgt Ion: 77 Resp: 34642

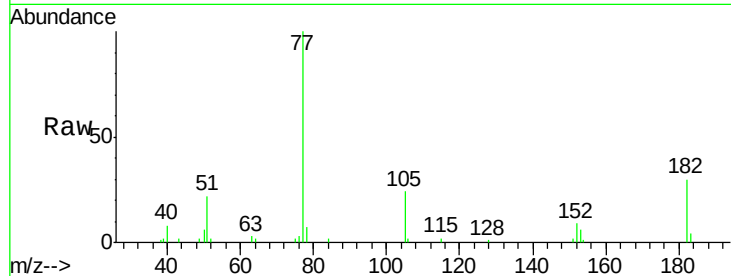
Ion Ratio Lower Upper

77 100

182 29.9 0.0 39.3

105 24.4 2.3 42.3

51 21.9 8.9 48.9

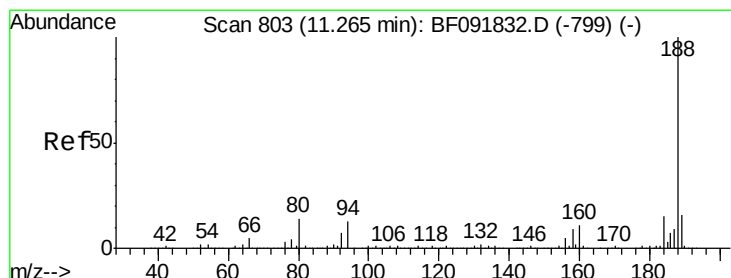
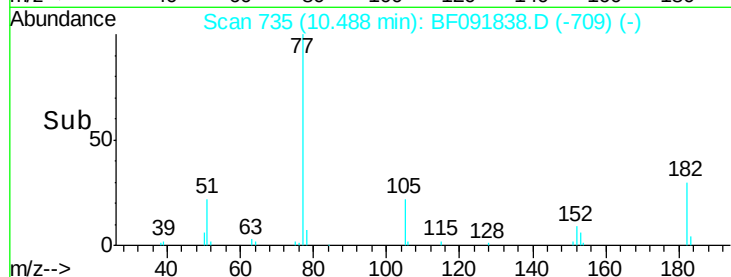
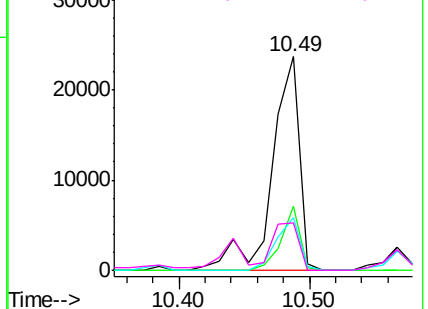


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF091838.D

Acq: 21 Dec 2016 17:28

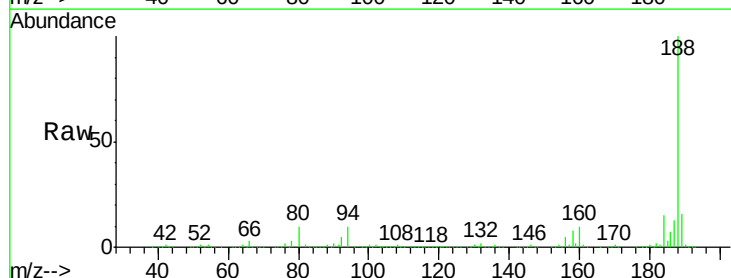
Tgt Ion: 188 Resp: 960291

Ion Ratio Lower Upper

188 100

94 9.6 10.0 15.0#

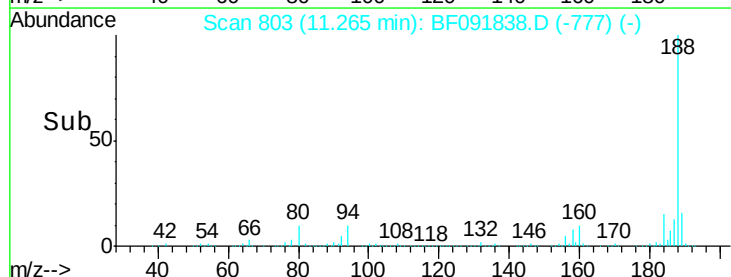
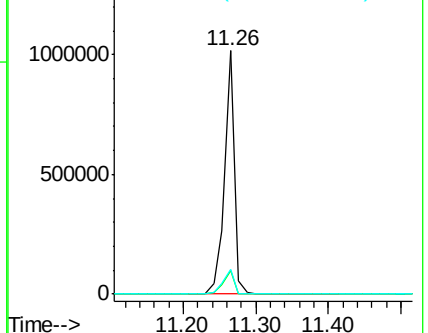
80 10.0 11.2 16.8#

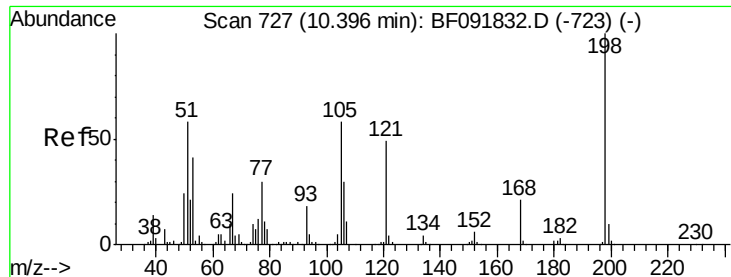


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.13 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

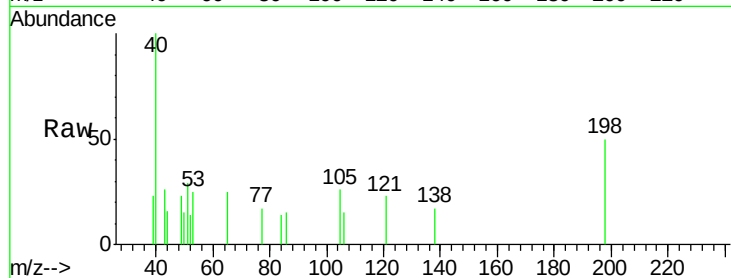
Tgt Ion:198 Resp: 749

Ion Ratio Lower Upper

198 100

51 58.4 6.7 46.7#

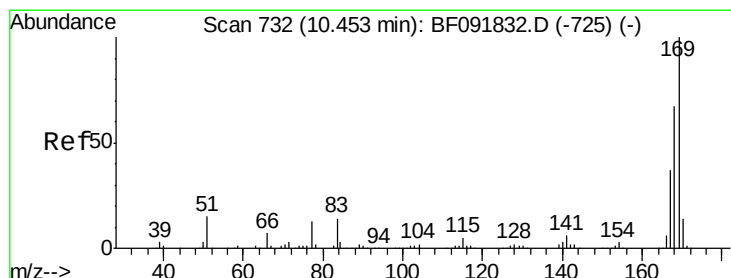
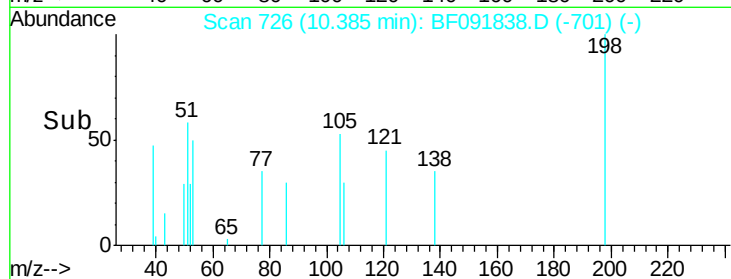
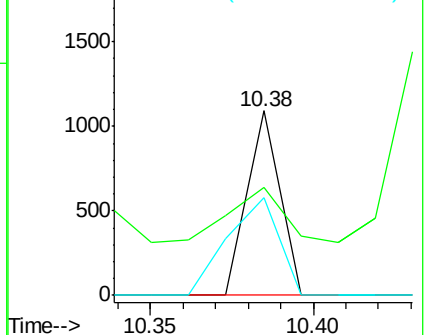
105 52.7 16.6 56.6



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: 0.98 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

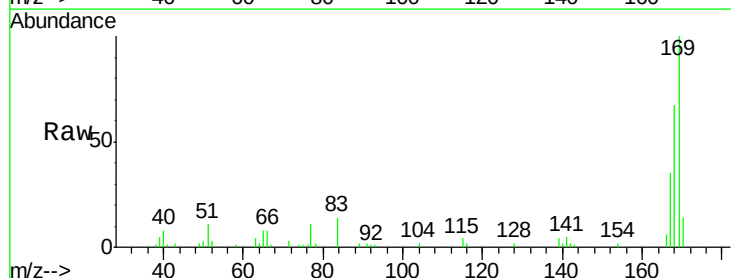
Tgt Ion:169 Resp: 28059

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

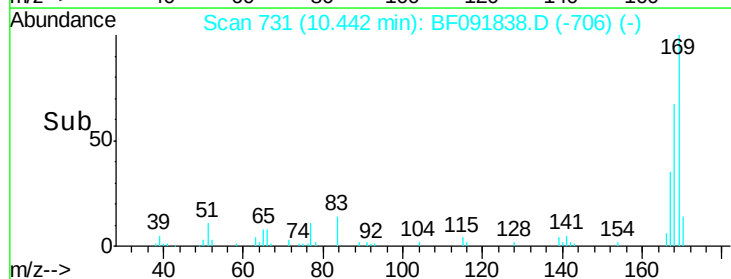
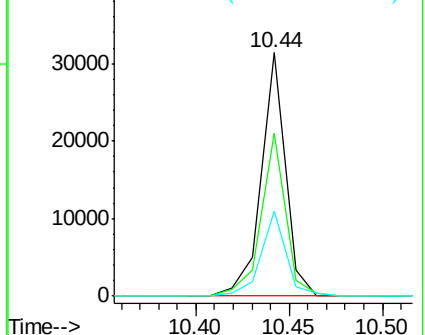
167 35.0 30.2 45.4

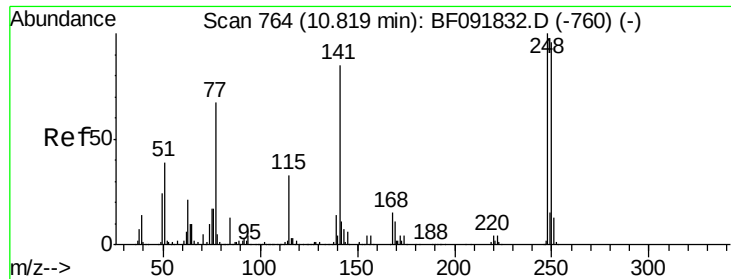


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

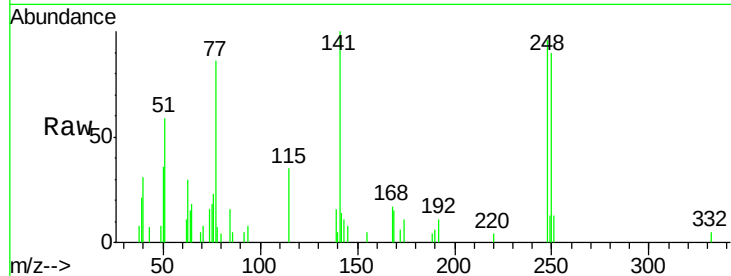
Ion 167.00 (166.70 to 167.70): E



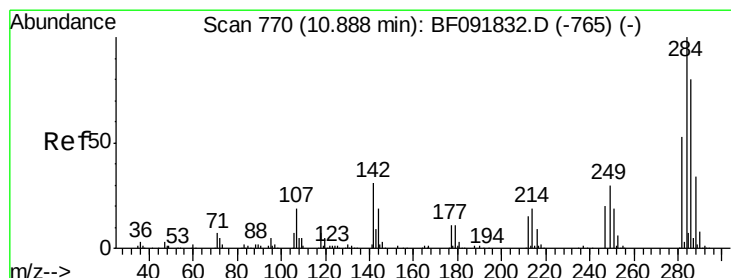
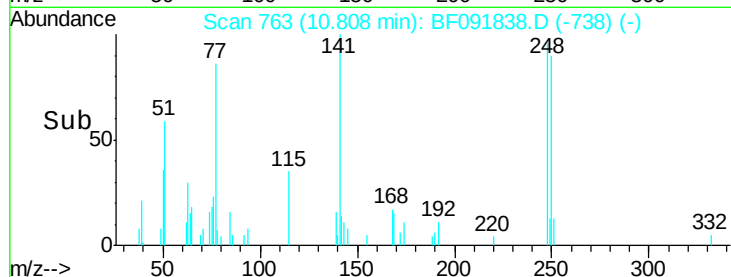
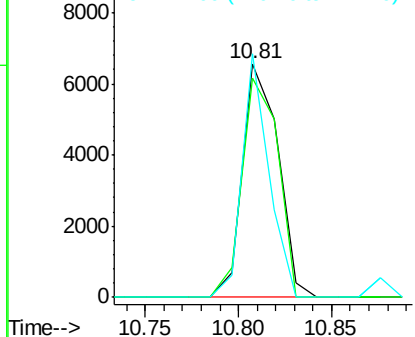


#66
4-Bromophenyl-phenylether
Concen: 0.87 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:248 Resp: 8712
Ion Ratio Lower Upper
248 100
250 93.8 76.9 115.3
141 104.2 68.2 102.4#

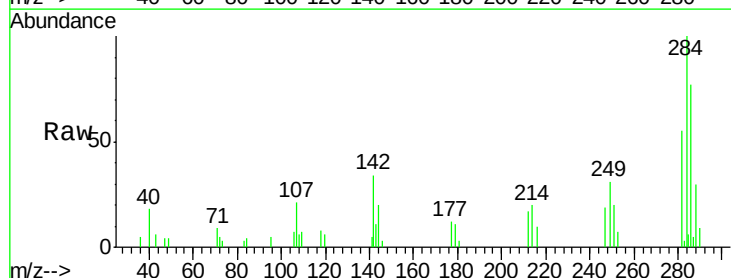


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

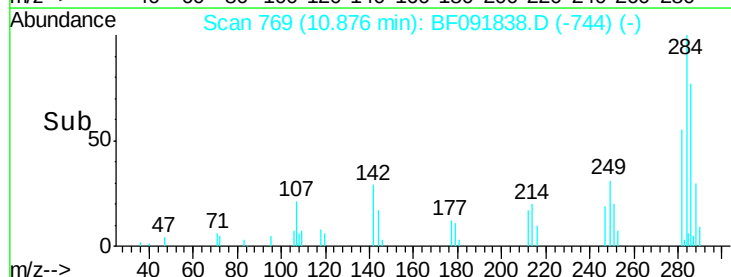
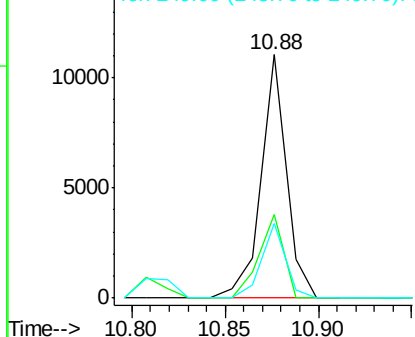


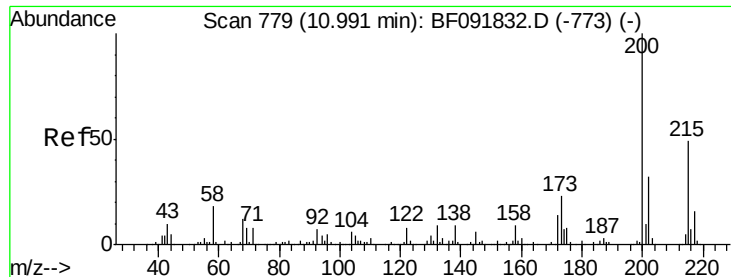
#67
Hexachlorobenzene
Concen: 0.96 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:284 Resp: 10296
Ion Ratio Lower Upper
284 100
142 34.4 22.6 33.8#
249 30.7 25.4 38.0



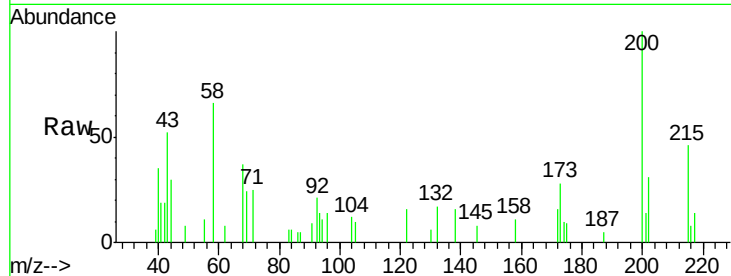
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



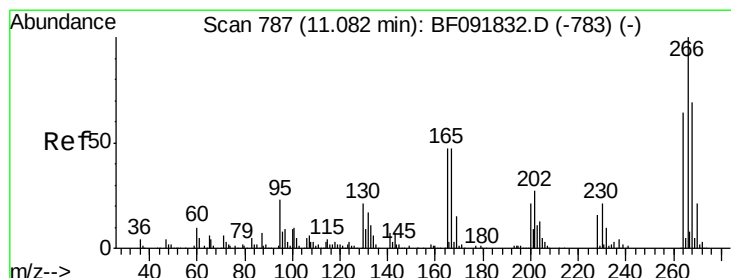
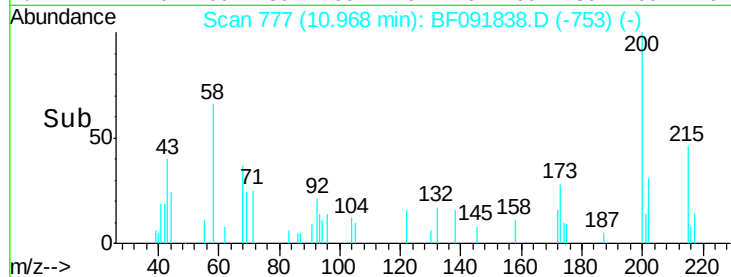
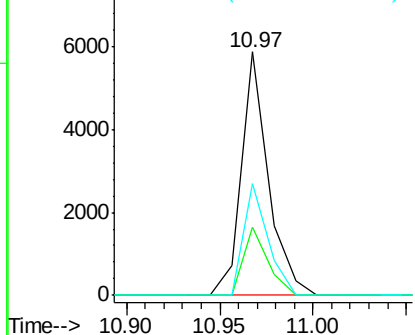


#68
Atrazine
Concen: 0.64 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	9.6	49.6
215	46.0	25.7	65.7

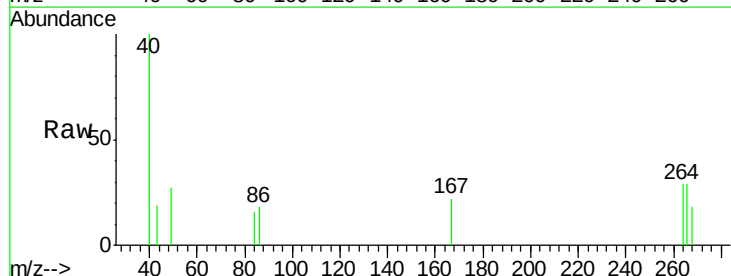


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

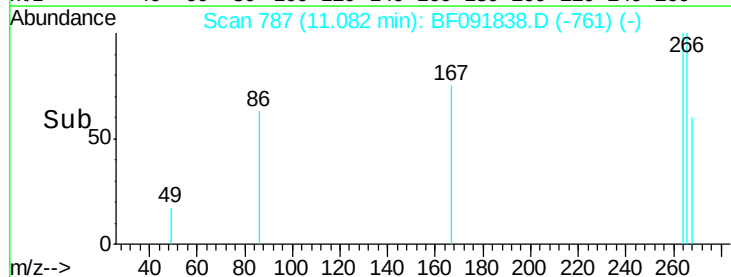
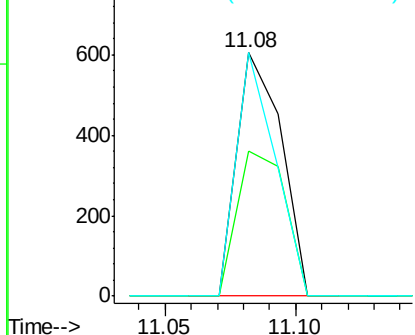


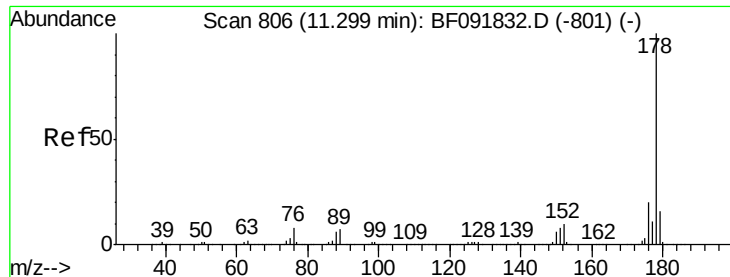
#69
Pentachlorophenol
Concen: 0.14 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.7	53.3	79.9
264	99.8	50.3	75.5



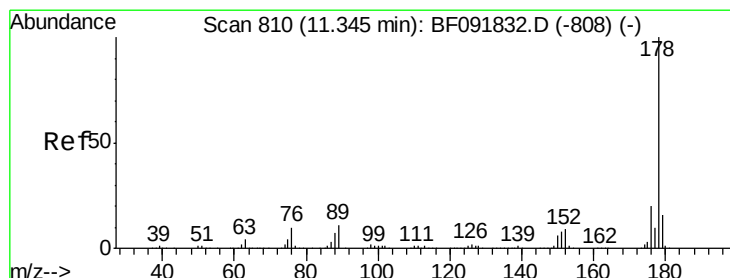
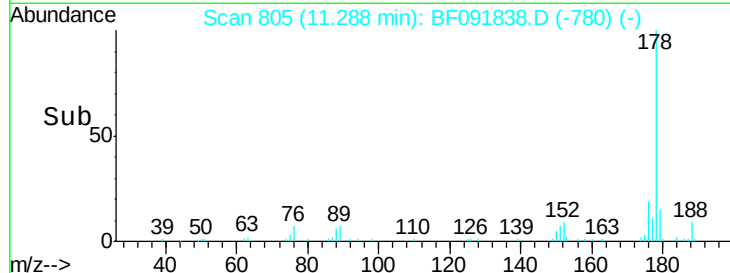
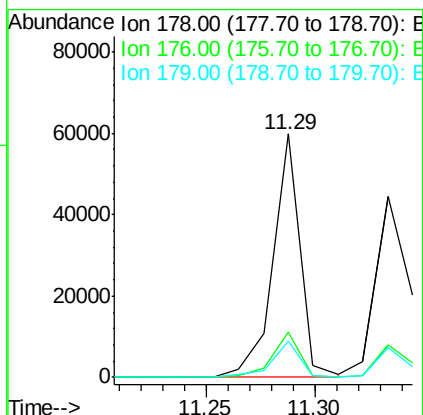
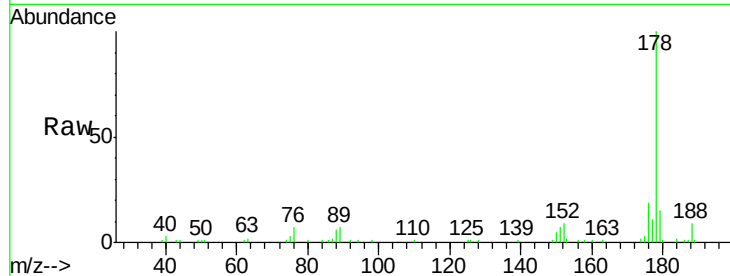
Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





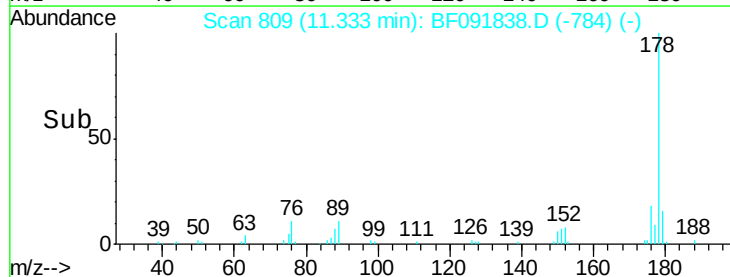
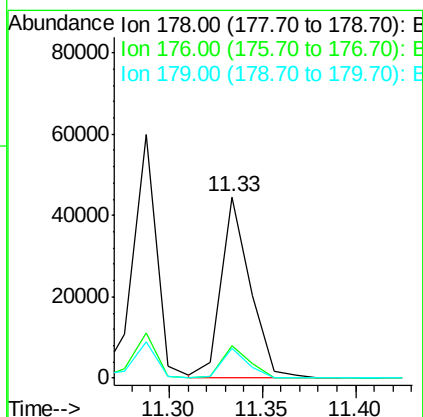
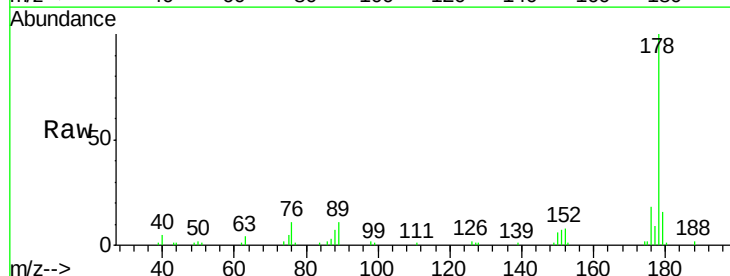
#70
 Phenanthrene
 Concen: 1.01 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

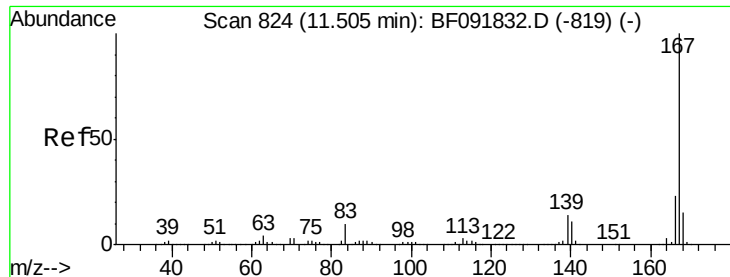
Tgt Ion:178 Resp: 52421
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.6 25.0
 179 14.8 12.8 19.2



#71
 Anthracene
 Concen: 0.26 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091838.D
 Acq: 21 Dec 2016 17:28

Tgt Ion:178 Resp: 48827
 Ion Ratio Lower Upper
 178 100
 176 17.6 15.9 23.9
 179 16.2 13.2 19.8





#72

Carbazole

Concen: 0.78 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

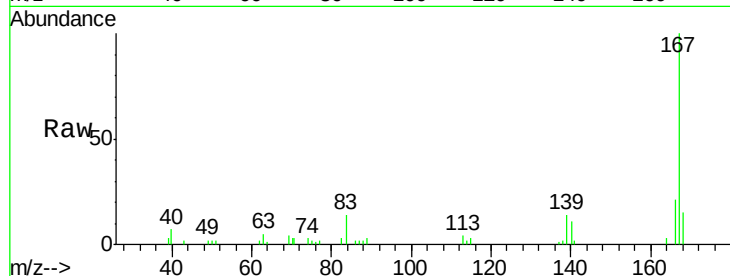
Tgt Ion:167 Resp: 41808

Ion Ratio Lower Upper

167 100

166 20.7 18.2 27.2

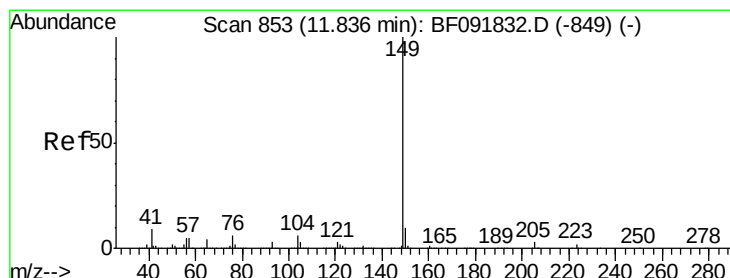
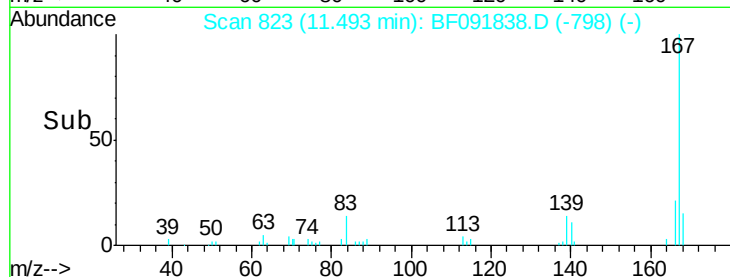
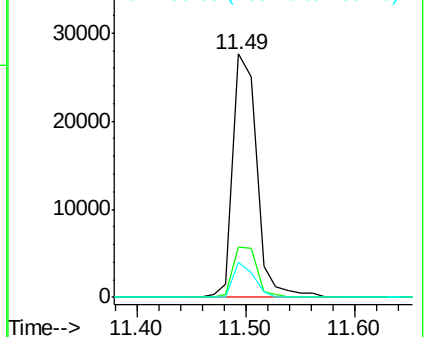
139 14.2 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

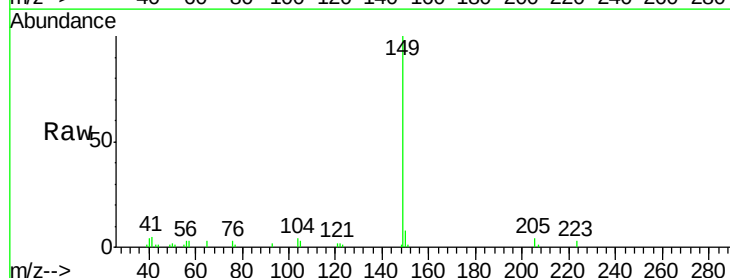
Tgt Ion:149 Resp: 48320

Ion Ratio Lower Upper

149 100

150 8.1 8.1 12.1

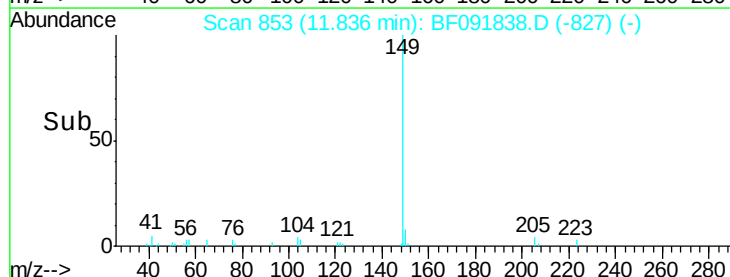
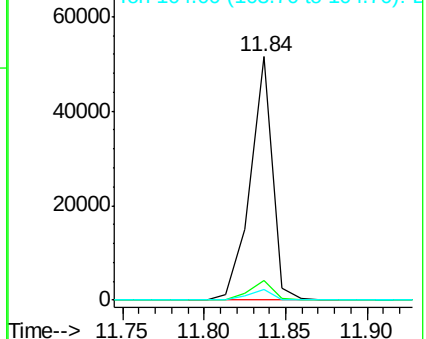
104 4.3 4.6 7.0#

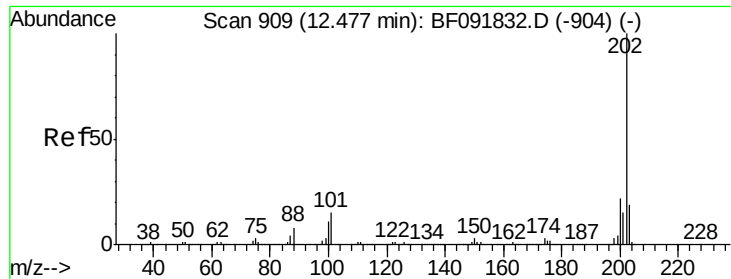


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

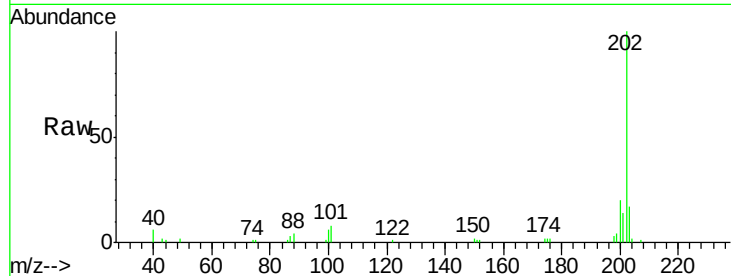
Tgt Ion: 202 Resp: 47714

Ion Ratio Lower Upper

202 100

101 7.9 0.0 34.6

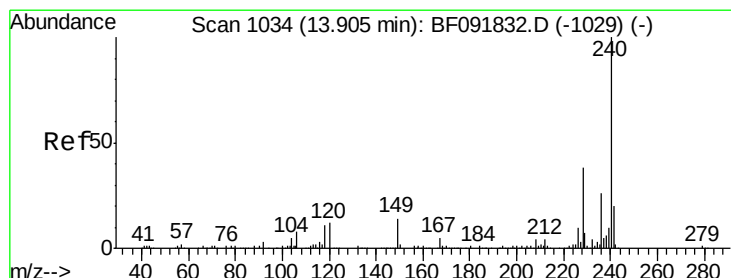
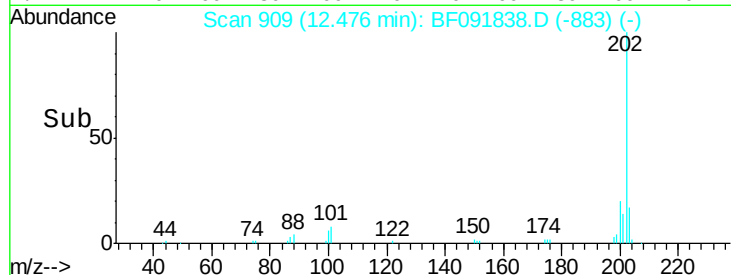
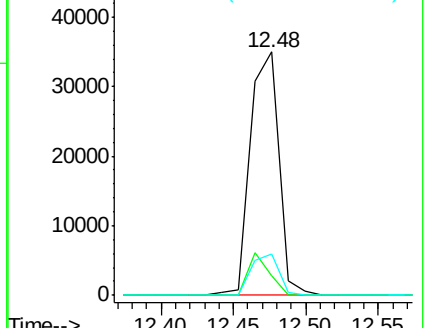
203 16.9 0.0 38.7



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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

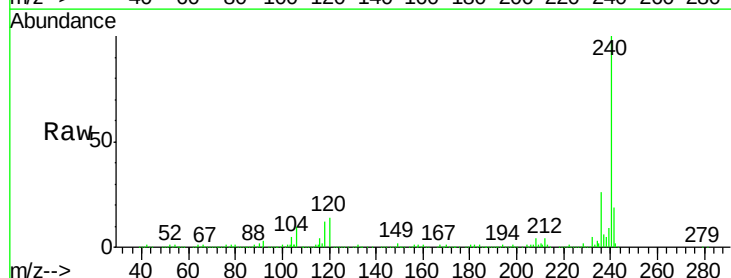
Tgt Ion: 240 Resp: 773664

Ion Ratio Lower Upper

240 100

120 13.6 12.9 19.3

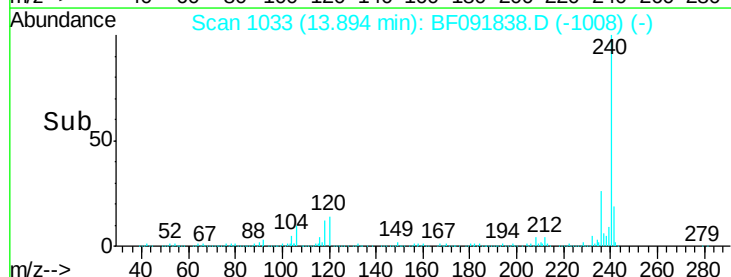
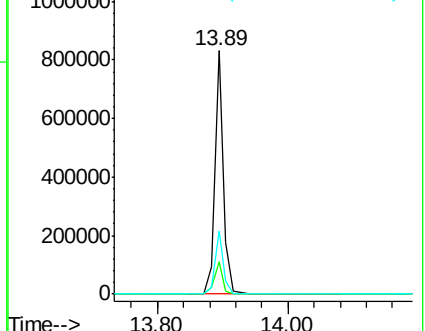
236 25.9 20.9 31.3

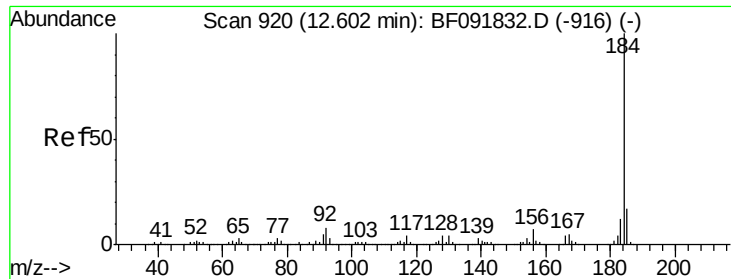


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: Below Cal

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

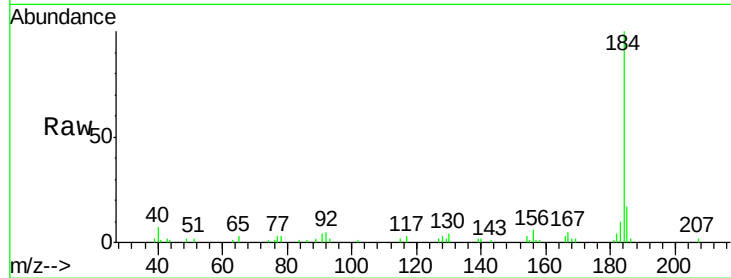
Tgt Ion:184 Resp: 30236

Ion Ratio Lower Upper

184 100

185 16.6 13.4 20.0

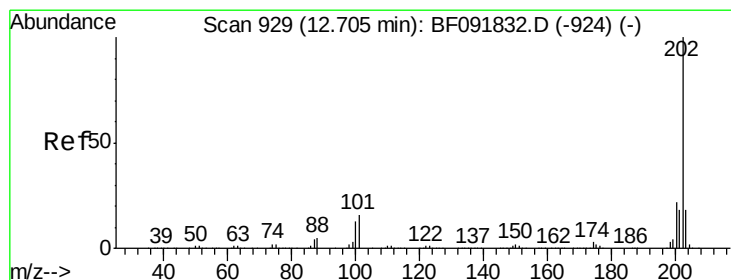
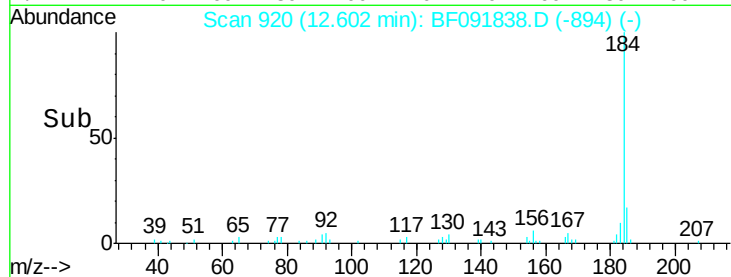
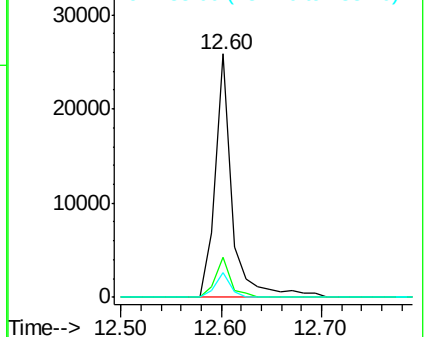
183 10.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.91 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

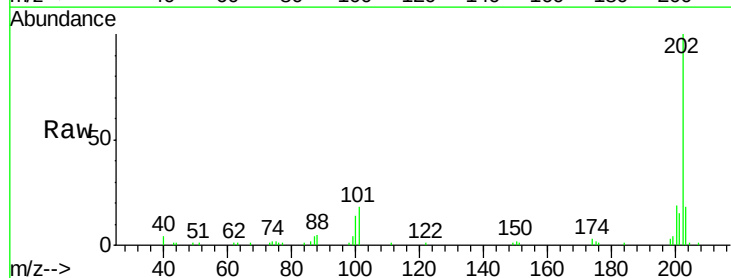
Tgt Ion:202 Resp: 51788

Ion Ratio Lower Upper

202 100

200 19.2 17.7 26.5

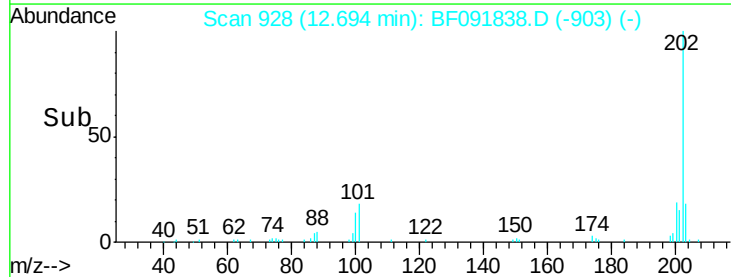
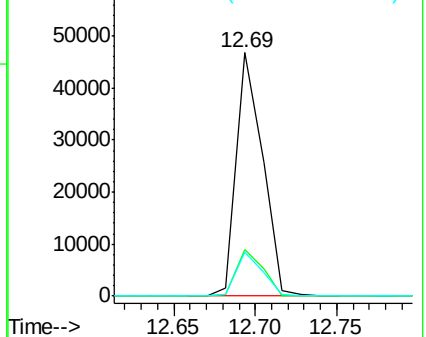
203 18.1 14.7 22.1

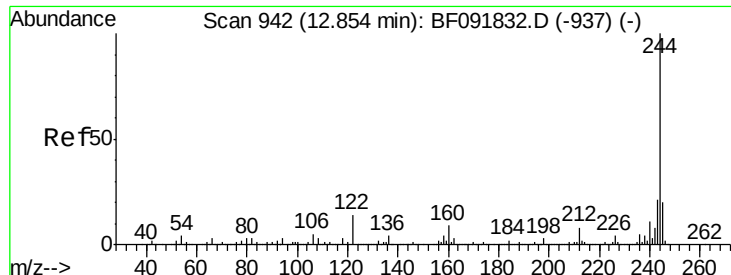


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.32 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

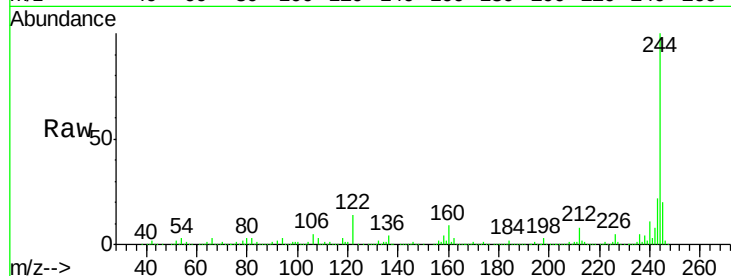
Tgt Ion:244 Resp: 2115513

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

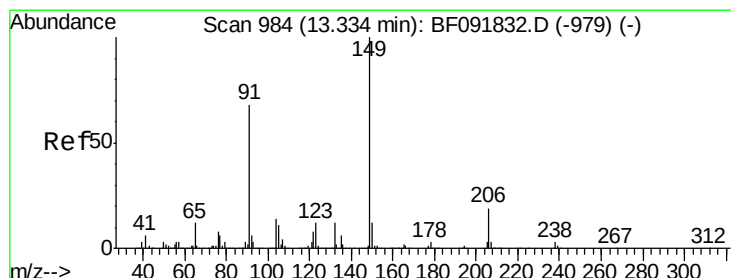
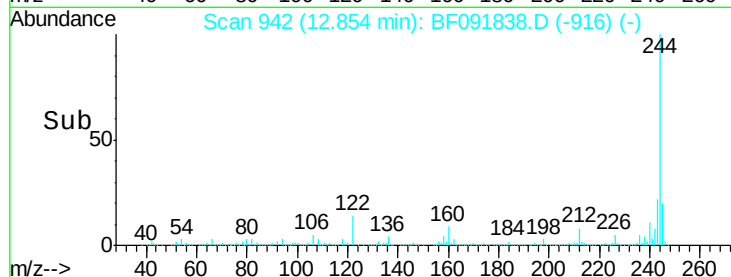
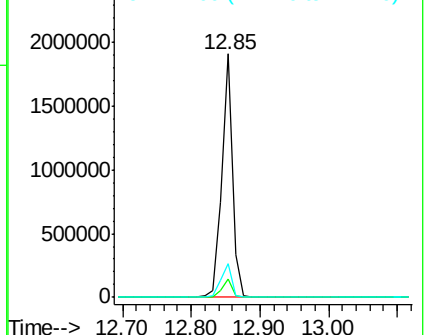
122 13.7 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.74 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

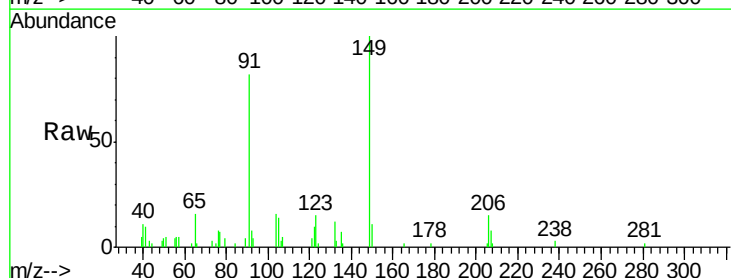
Tgt Ion:149 Resp: 19210

Ion Ratio Lower Upper

149 100

91 81.7 63.9 95.9

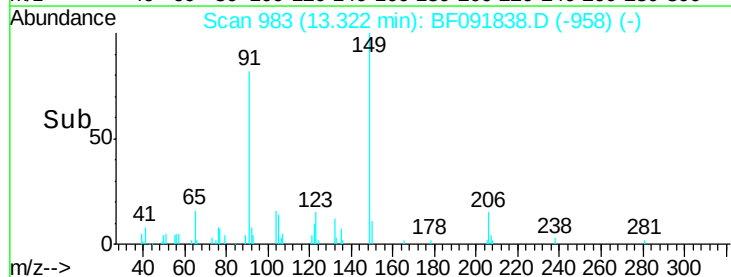
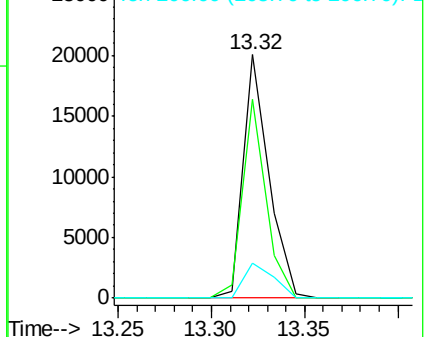
206 14.5 14.6 21.8#

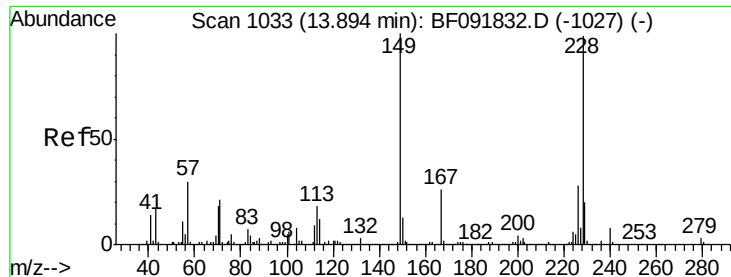


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.98 ng

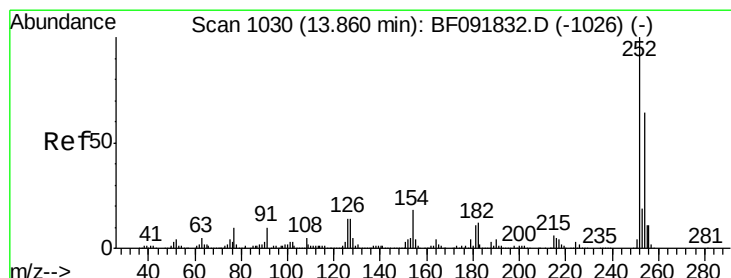
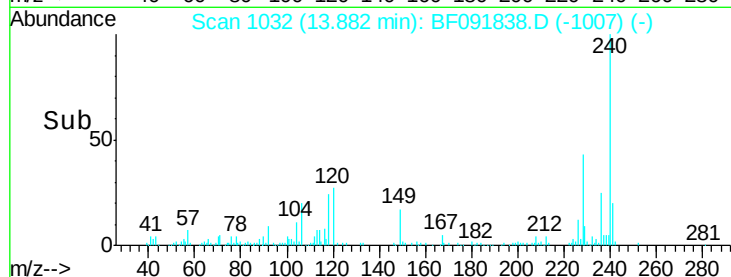
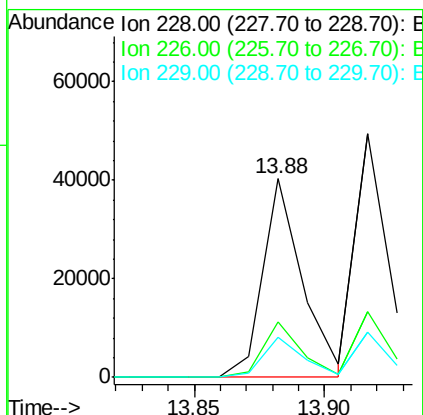
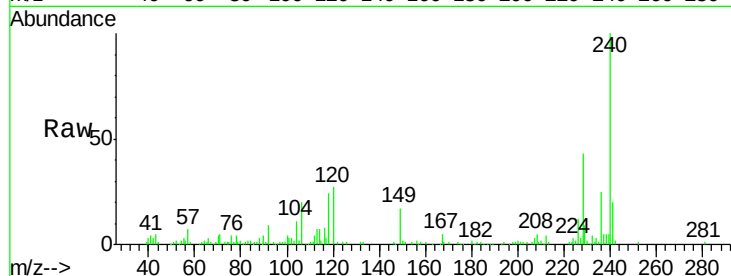
RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

Tgt Ion:	228	Resp:	42683
Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.3	16.2	24.4



#81

3,3'-Dichlorobenzidine

Concen: 0.70 ng

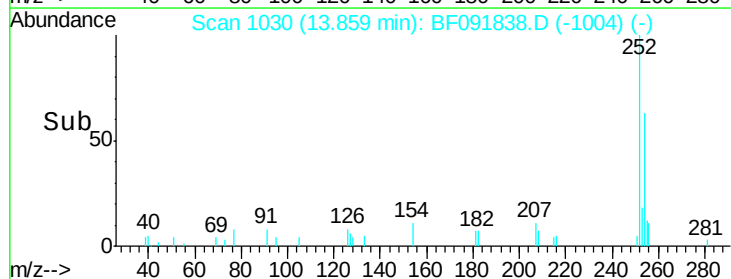
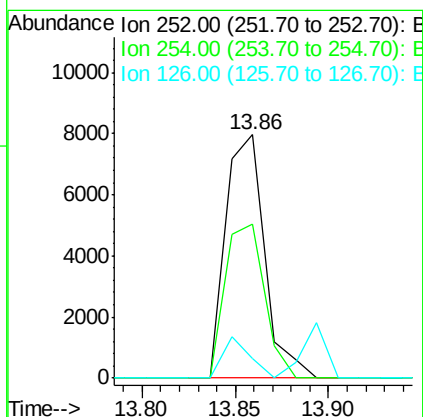
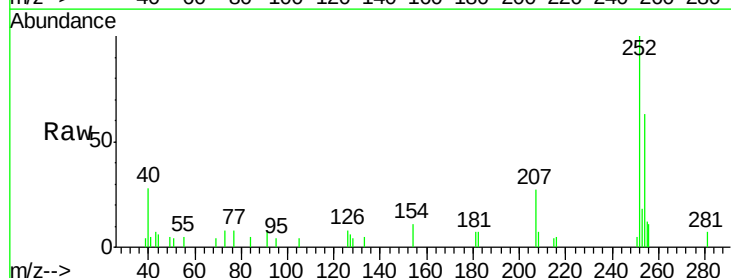
RT: 13.86 min Scan# 1030

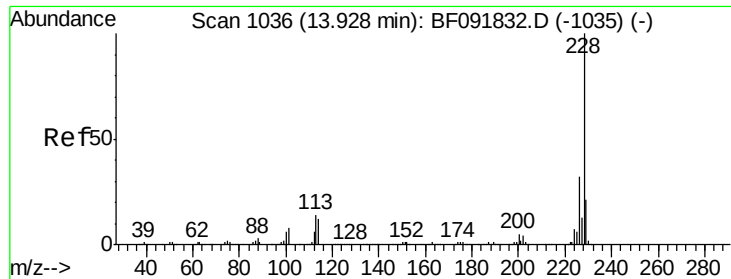
Delta R.T. -0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

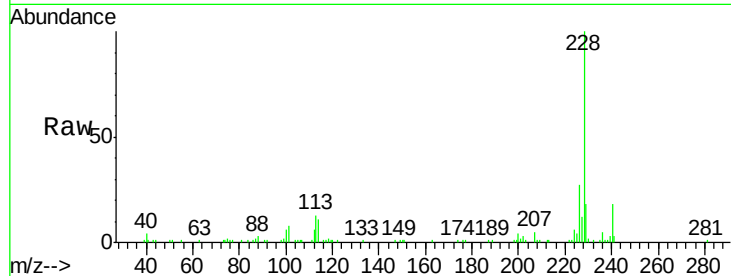
Tgt Ion:	252	Resp:	11620
Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.3	78.5
126	8.3	13.6	20.4



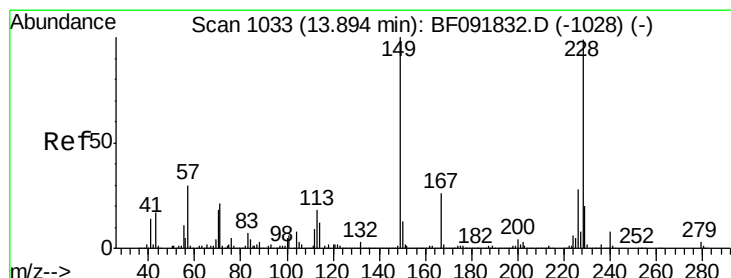
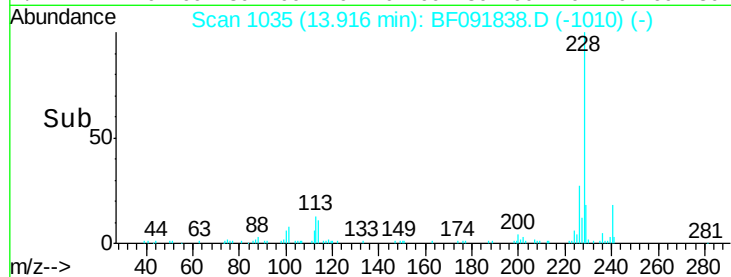
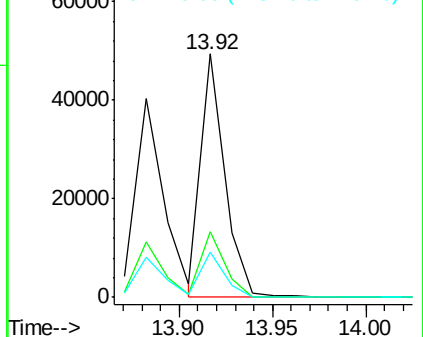


#82
Chrysene
Concen: 1.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 228 Resp: 43947
Ion Ratio Lower Upper
228 100
226 27.1 25.4 38.0
229 18.4 16.2 24.2

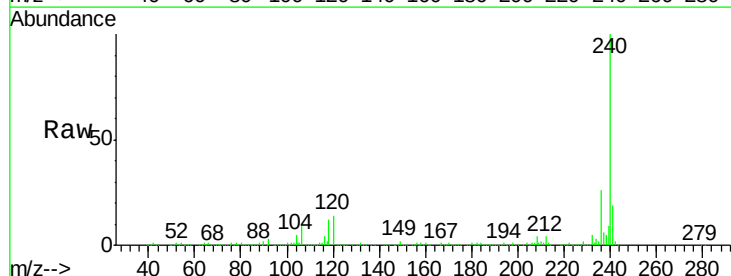


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

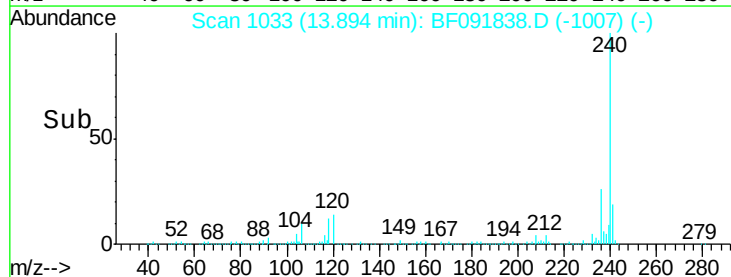
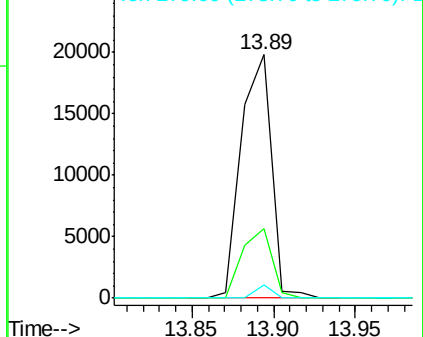


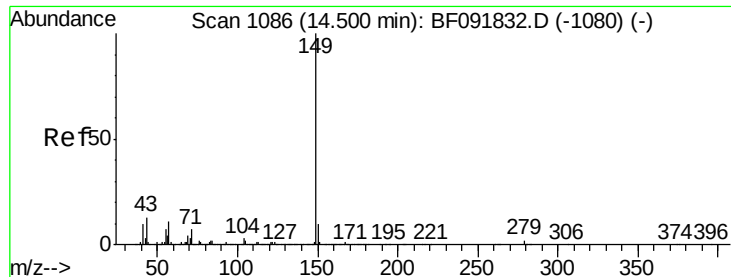
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.84 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 149 Resp: 25426
Ion Ratio Lower Upper
149 100
167 28.7 20.2 30.4
279 5.6 1.8 2.8#



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





#84

Di-n-octyl phthalate

Concen: 0.85 ng

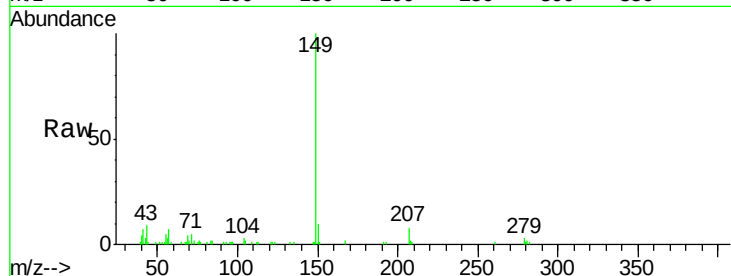
RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

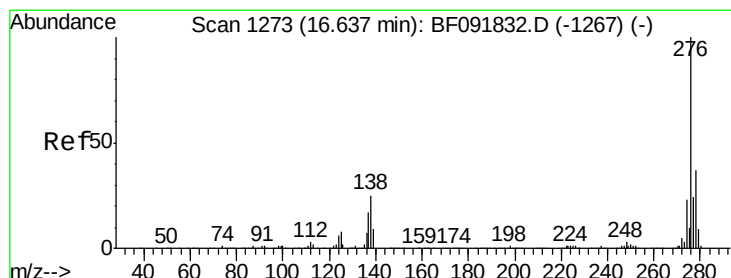
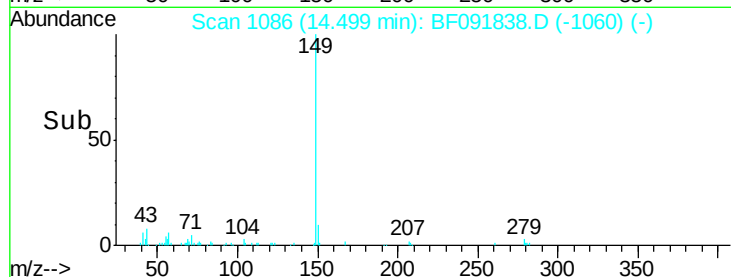
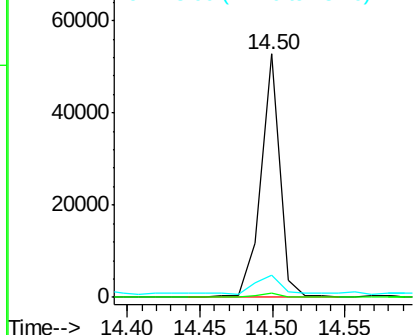
Tgt Ion:	149	Resp:	47892
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.6	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.80 ng

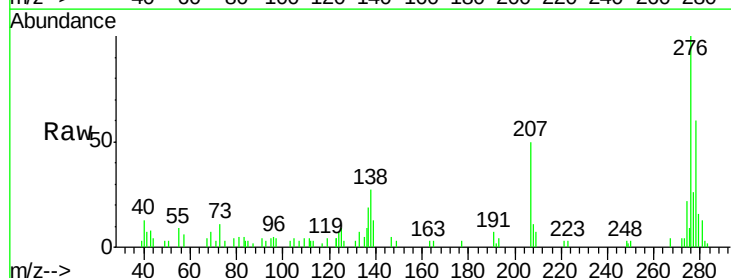
RT: 16.63 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

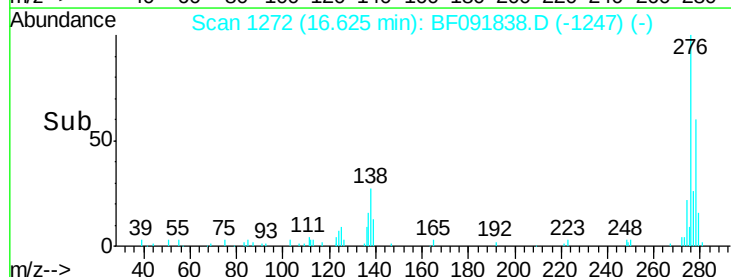
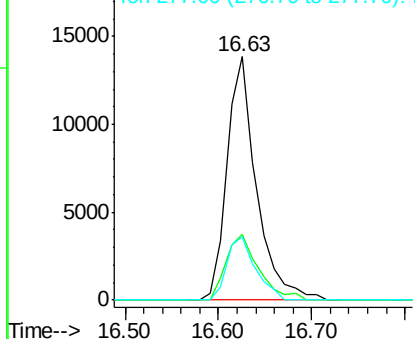
Tgt Ion:	276	Resp:	30327
Ion Ratio	Lower	Upper	
276	100		
138	29.8	21.8	32.6
277	25.3	20.2	30.4

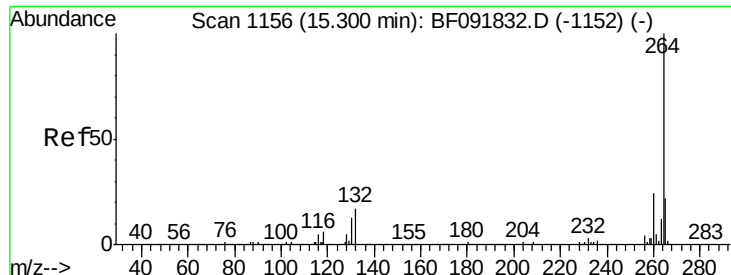


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

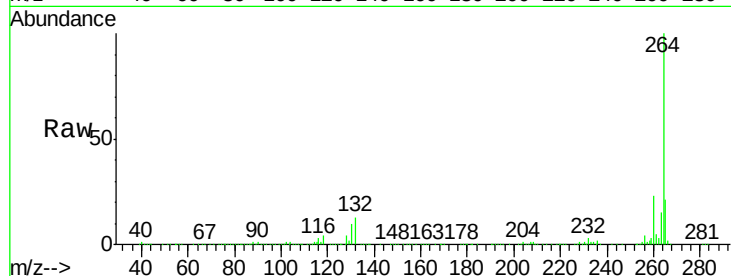




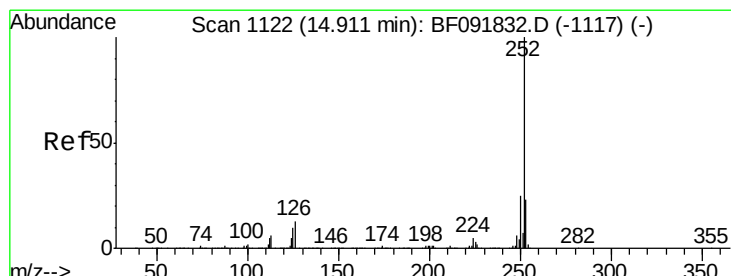
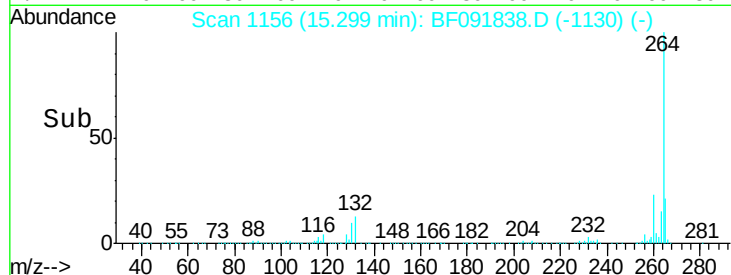
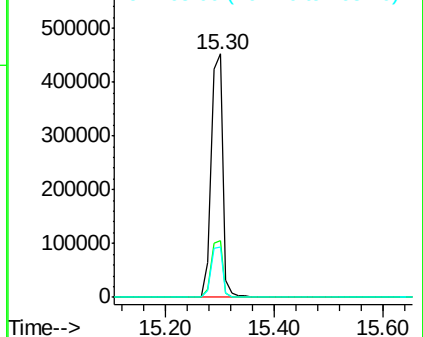
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion: 264 Resp: 686056

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.9	17.4	26.0



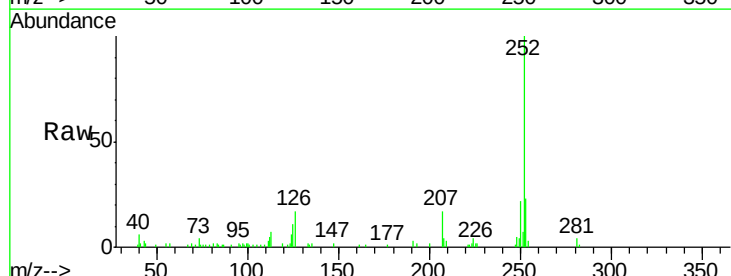
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



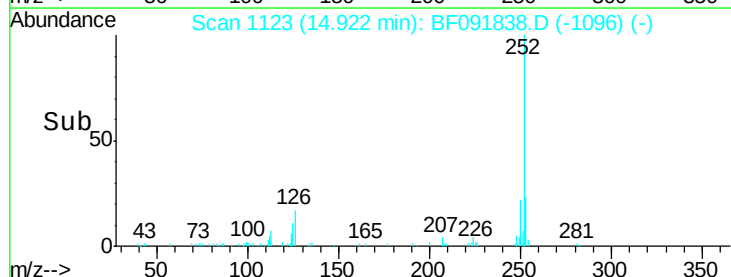
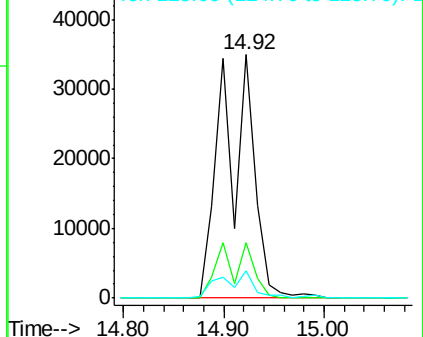
#87
Benzo(b)fluoranthene
Concen: 1.76 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

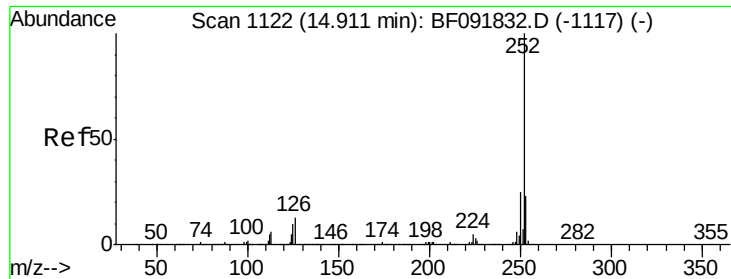
Tgt Ion: 252 Resp: 75315

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.3	9.8	14.6



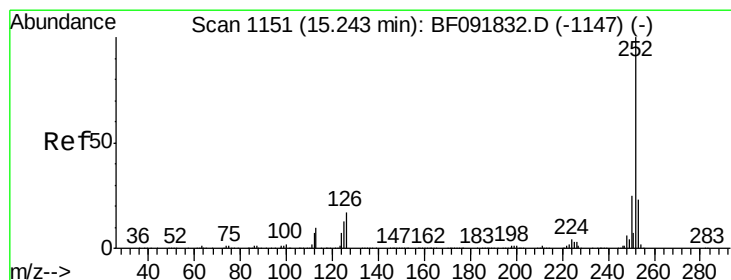
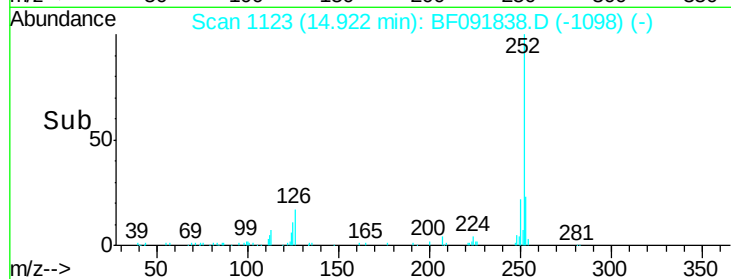
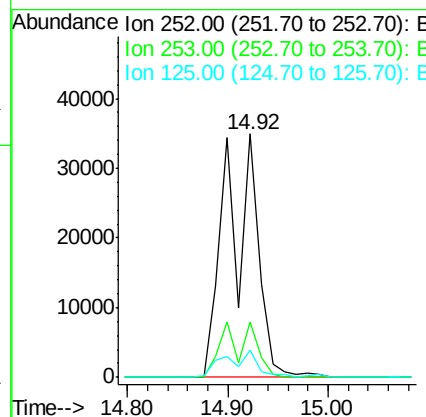
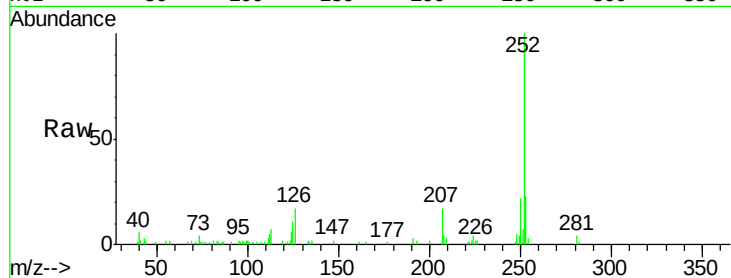
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





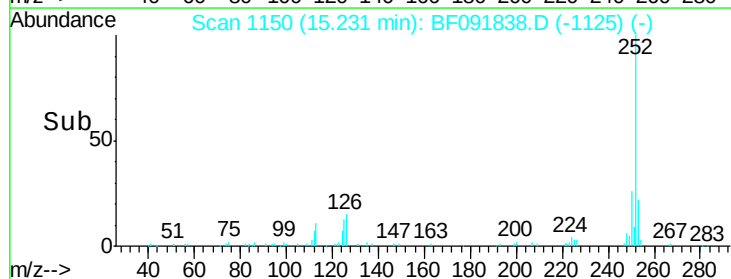
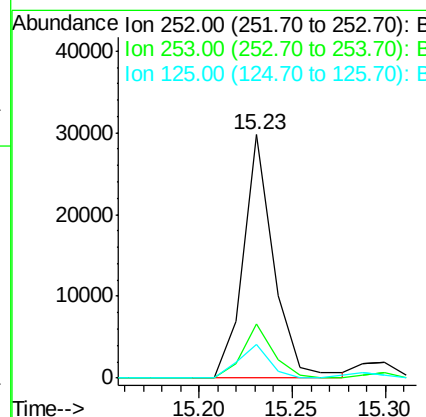
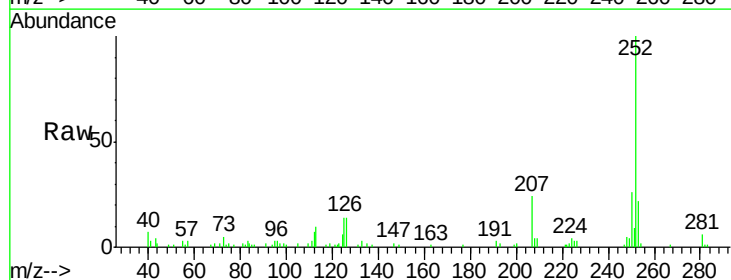
#88
Benzo(k)fluoranthene
Concen: 2.07 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

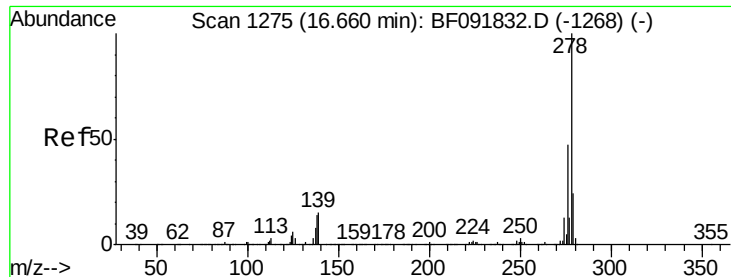
Tgt Ion:	252	Resp:	75315
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	11.3	8.9	13.3



#89
Benzo(a)pyrene
Concen: 0.90 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091838.D
Acq: 21 Dec 2016 17:28

Tgt Ion:	252	Resp:	33962
Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.7	10.0	15.0





#90

Dibenzo(a,h)anthracene

Concen: 0.80 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

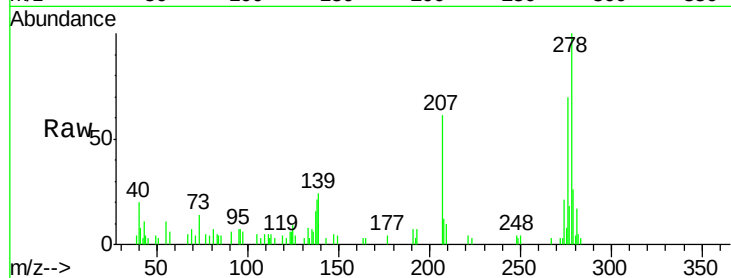
Tgt Ion: 278 Resp: 24925

Ion Ratio Lower Upper

278 100

139 24.3 14.8 22.2#

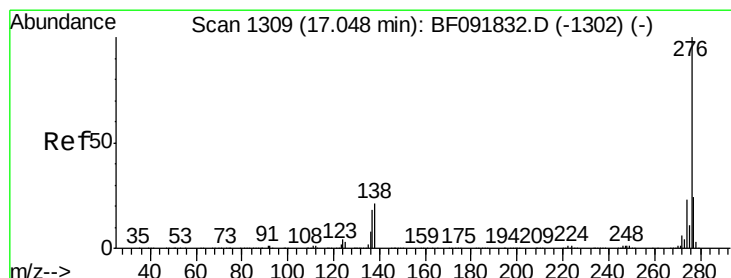
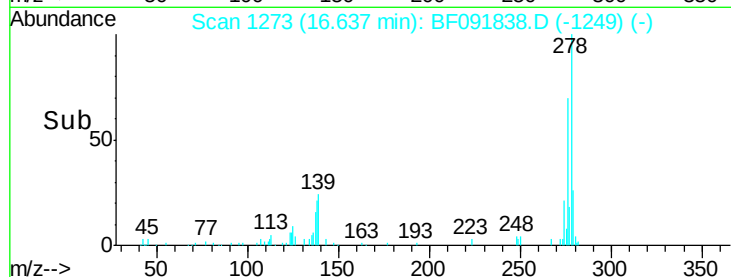
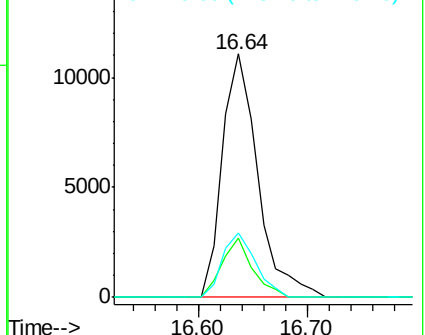
279 26.3 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.80 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF091838.D

Acq: 21 Dec 2016 17:28

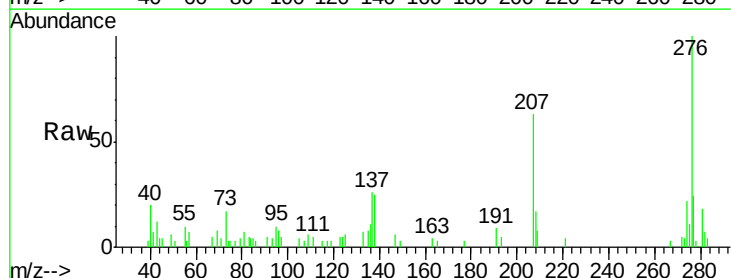
Tgt Ion: 276 Resp: 25849

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 25.3 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

