

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091839.D
 Acq On : 21 Dec 2016 17:55
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 2PPM
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 22 02:31:13 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	260257	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1104811	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	567535	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1040160	20.00	ng	0.00
75) Chrysene-d12	13.89	240	822293	20.00	ng	-0.01
86) Perylene-d12	15.29	264	726609	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1937193	124.28	ng	0.02
7) Phenol-d6	6.40	99	2141336	112.52	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1462240	73.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	640885	136.45	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2775762	102.93	ng	0.00
78) Terphenyl-d14	12.85	244	2266676	66.85	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	16258	2.12	ng	# 89
3) Pyridine	3.22	79	15612	0.58	ng	90
4) n-Nitrosodimethylamine	3.07	42	15269	1.51	ng	# 91
6) Aniline	6.41	93	41302	1.67	ng	94
8) 2-Chlorophenol	6.53	128	35858	2.02	ng	90
9) Benzaldehyde	6.29	77	14999	0.84	ng	86
10) Phenol	6.41	94	59556	2.75	ng	88
11) bis(2-Chloroethyl)ether	6.49	93	38841	2.25	ng	91
12) 1,3-Dichlorobenzene	6.68	146	36312	1.92	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	38139	1.98	ng	95
14) 1,2-Dichlorobenzene	6.76	146	38139	2.28	ng	94
15) Benzyl Alcohol	6.90	79	47592	3.22	ng	# 61
16) 2,2'-oxybis(1-Chloropropan	7.02	45	49172	1.91	ng	90
17) 2-Methylphenol	7.01	107	28457	2.00	ng	97
18) Hexachloroethane	7.25	117	12096	1.69	ng	# 89
19) n-Nitroso-di-n-propylamine	7.16	70	25079	1.98	ng	89
20) 3+4-Methylphenols	7.17	107	35438	2.08	ng	# 73
22) Acetophenone	7.15	105	48595	1.78	ng	# 95
24) Nitrobenzene	7.33	77	37562	1.78	ng	# 83
25) Isophorone	7.56	82	59627	1.63	ng	# 92
26) 2-Nitrophenol	7.65	139	15854	1.52	ng	# 83
27) 2,4-Dimethylphenol	7.70	122	29810	1.72	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	37456	1.69	ng	98
29) 2,4-Dichlorophenol	7.89	162	24677	1.68	ng	87
30) 1,2,4-Trichlorobenzene	7.97	180	29976	1.87	ng	94
31) Naphthalene	8.05	128	104940	2.08	ng	97
32) Benzoic acid	7.76	122	14474	1.13	ng	93
33) 4-Chloroaniline	8.11	127	37242	1.63	ng	95
34) Hexachlorobutadiene	8.18	225	16197	1.91	ng	97
35) Caprolactam	8.43	113	7507	1.56	ng	# 48
36) 4-Chloro-3-methylphenol	8.59	107	28178	1.67	ng	97
37) 2-Methylnaphthalene	8.74	142	59957	1.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	28123	1.96	ng	99
40) Hexachlorocyclopentadiene	8.90	237	3504	4.50	ng	98

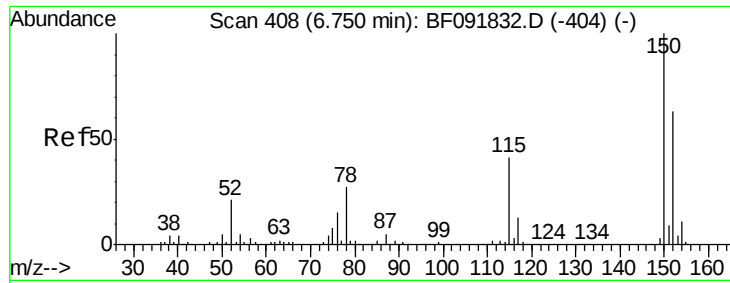
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122116\
 Data File : BF091839.D
 Acq On : 21 Dec 2016 17:55
 Operator : UM/SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

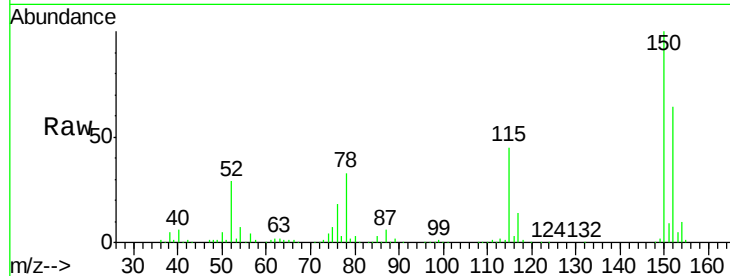
42) 2,4,6-Trichlorophenol	9.02	196	18000	1.79	ng	94
43) 2,4,5-Trichlorophenol	9.07	196	17794	1.72	ng	95
45) 1,1'-Biphenyl	9.21	154	92815	2.39	ng	97
46) 2-Chloronaphthalene	9.23	162	64174	2.09	ng	97
47) 2-Nitroaniline	9.33	65	18395	1.68	ng	# 75
48) Acenaphthylene	9.64	152	100145	2.12	ng	96
49) Dimethylphthalate	9.50	163	73220	2.02	ng	100
50) 2,6-Dinitrotoluene	9.57	165	13930	1.75	ng	91
51) Acenaphthene	9.81	154	65965	2.06	ng	100
52) 3-Nitroaniline	9.73	138	17055	1.73	ng	96
53) 2,4-Dinitrophenol	9.86	184	312	0.07	ng	# 1
54) Dibenzofuran	9.98	168	90528	2.09	ng	95
55) 4-Nitrophenol	9.92	139	8944	1.34	ng	92
56) 2,4-Dinitrotoluene	9.97	165	19831	1.99	ng	93
57) Fluorene	10.33	166	75300	2.39	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	14364	1.76	ng	# 95
59) Diethylphthalate	10.20	149	69743	1.98	ng	96
60) 4-Chlorophenyl-phenylether	10.33	204	31513	2.28	ng	# 80
61) 4-Nitroaniline	10.34	138	17265	1.69	ng	96
62) Azobenzene	10.49	77	75587	1.95	ng	87
64) 4,6-Dinitro-2-methylphenol	10.38	198	4738	0.75	ng	85
65) n-Nitrosodiphenylamine	10.44	169	61062	1.98	ng	97
66) 4-Bromophenyl-phenylether	10.81	248	18281	1.69	ng	# 87
67) Hexachlorobenzene	10.88	284	21191	1.83	ng	# 94
68) Atrazine	10.97	200	14015	1.41	ng	96
69) Pentachlorophenol	11.08	266	3300	0.58	ng	# 85
70) Phenanthrene	11.29	178	108752	1.93	ng	96
71) Anthracene	11.33	178	105984	1.07	ng	99
72) Carbazole	11.49	167	97735	1.57	ng	96
73) Di-n-butylphthalate	11.84	149	106236	Below	Cal	# 95
74) Fluoranthene	12.47	202	104657	Below	Cal	96
76) Benzidine	12.60	184	40719	Below	Cal	97
77) Pyrene	12.69	202	111634	1.85	ng	99
79) Butylbenzylphthalate	13.32	149	43472	1.58	ng	98
80) Benzo(a)anthracene	13.88	228	92354	1.99	ng	98
81) 3,3'-Dichlorobenzidine	13.85	252	25040	1.42	ng	98
82) Chrysene	13.92	228	90233	1.94	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	55729	1.72	ng	# 93
84) Di-n-octyl phthalate	14.50	149	100104	1.67	ng	98
85) Indeno(1,2,3-cd)pyrene	16.63	276	64986	1.61	ng	97
87) Benzo(b)fluoranthene	14.92	252	158769	3.51	ng	97
88) Benzo(k)fluoranthene	14.92	252	158769	4.12	ng	97
89) Benzo(a)pyrene	15.23	252	72729	1.81	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	56363	1.71	ng	99
91) Benzo(g,h,i)perylene	17.01	276	54715	1.59	ng	# 95

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

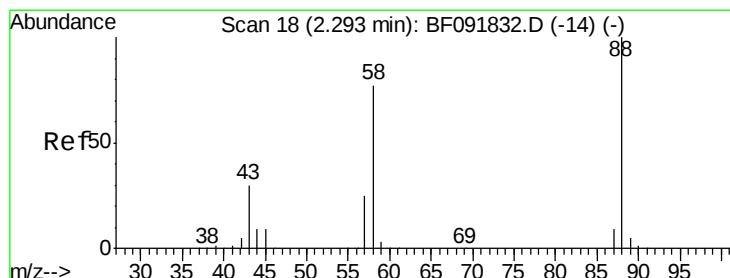
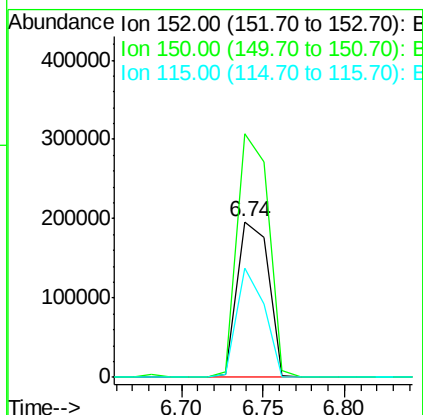
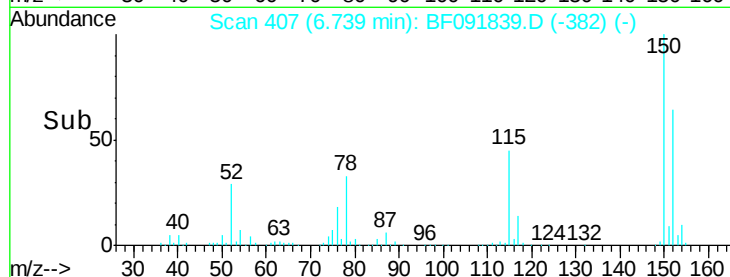


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	70.1	46.0	69.0

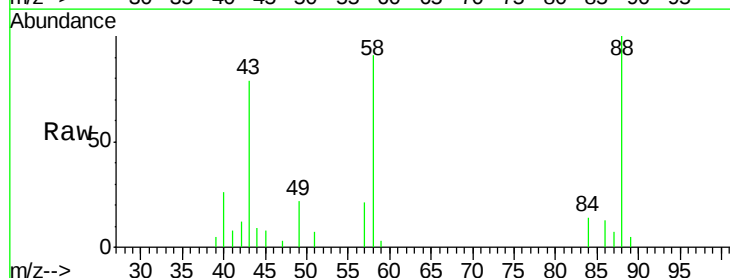


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

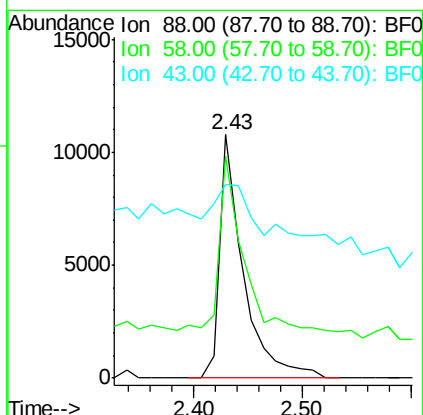
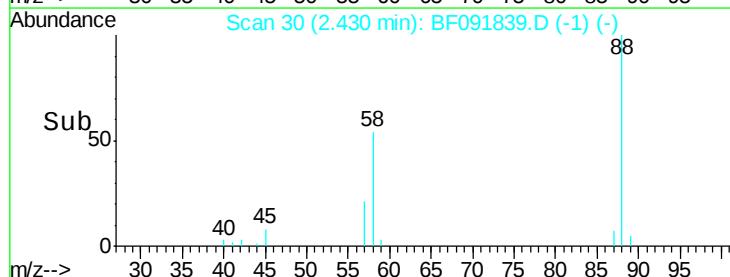


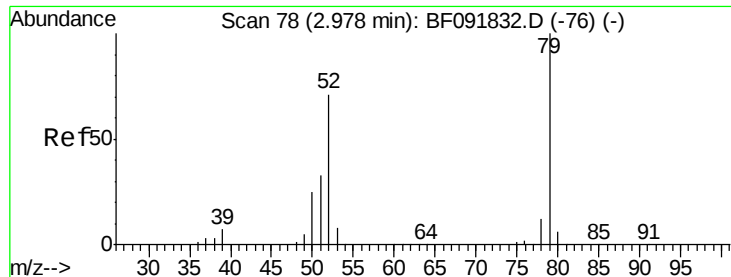
#2
 1,4-Dioxane
 Concen: 2.12 ng
 RT: 2.43 min Scan# 30
 Delta R.T. 0.14 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	57.8	86.8
43	47.4	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 0.58 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.24 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

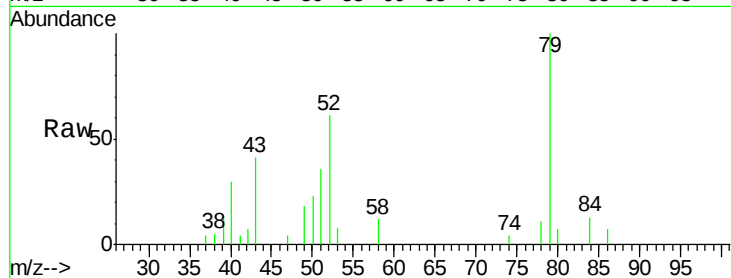
Tgt Ion: 79 Resp: 15612

Ion Ratio Lower Upper

79 100

52 60.7 57.1 85.7

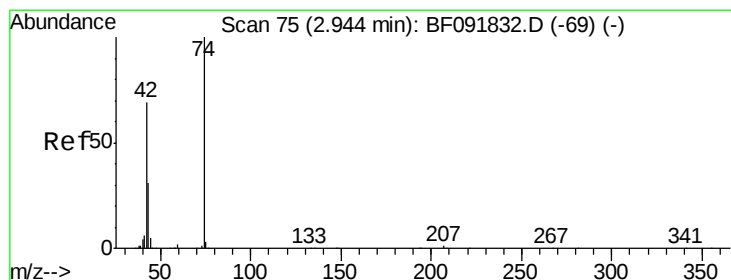
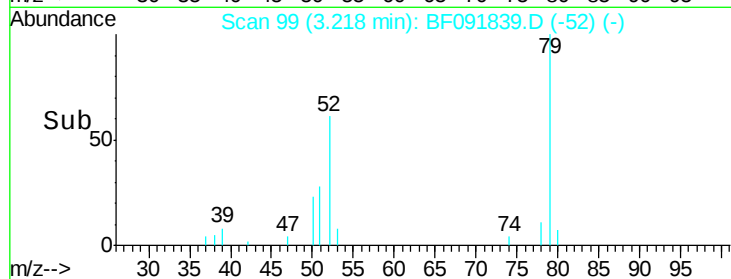
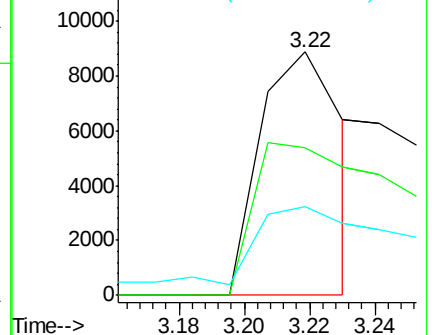
51 36.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 1.51 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.13 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

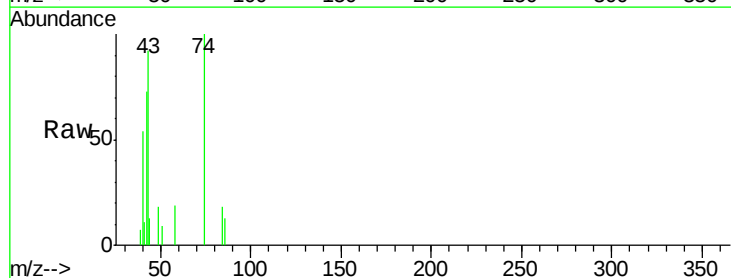
Tgt Ion: 42 Resp: 15269

Ion Ratio Lower Upper

42 100

74 136.2 117.0 175.4

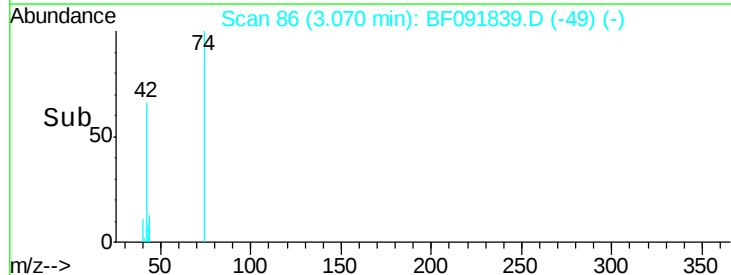
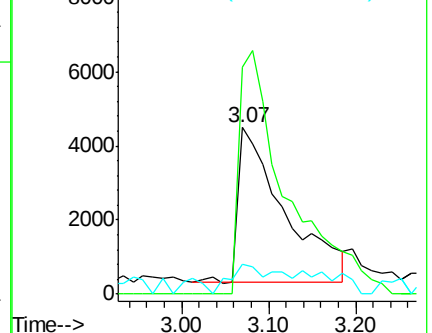
44 17.6 5.5 8.3#

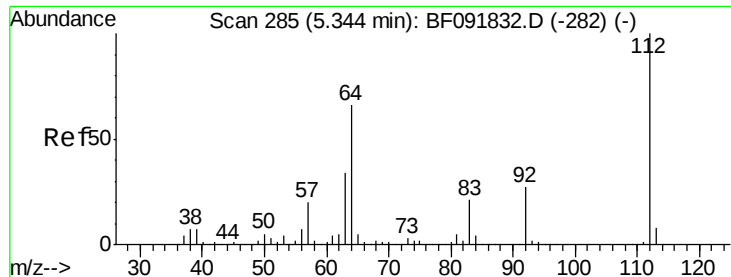


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.28 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

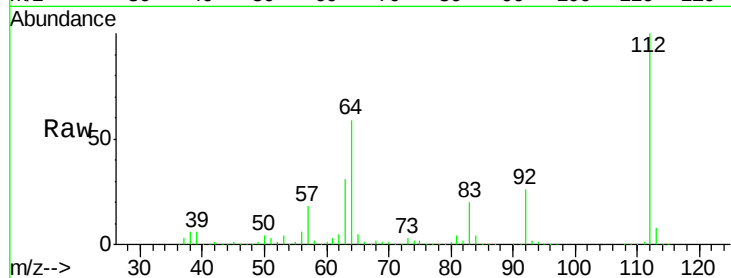
Tgt Ion: 112 Resp: 1937193

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

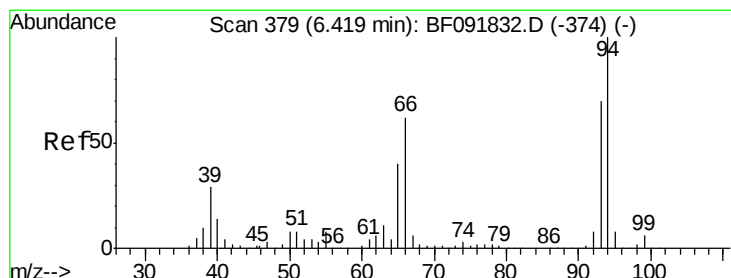
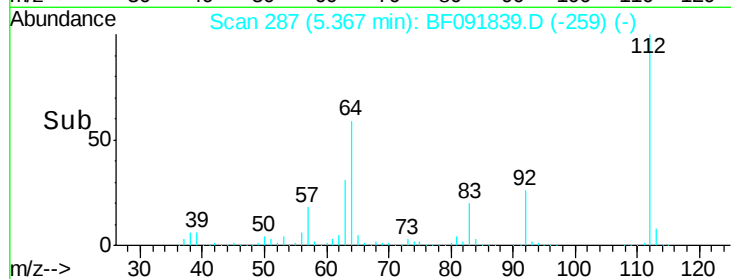
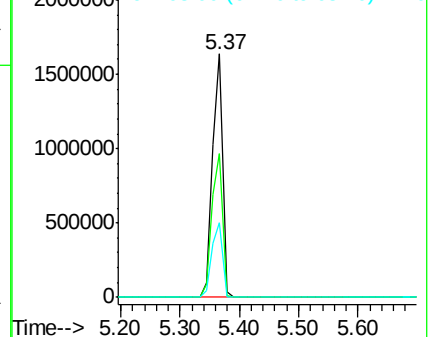
63 30.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 1.67 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

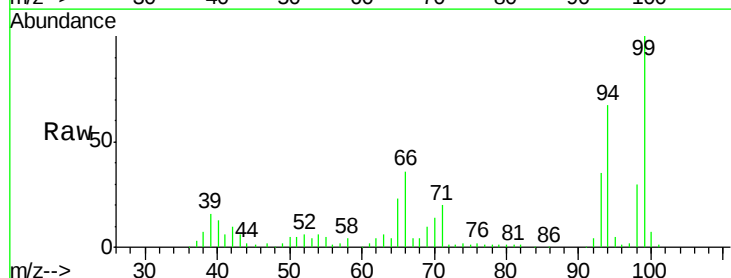
Tgt Ion: 93 Resp: 41302

Ion Ratio Lower Upper

93 100

66 102.4 76.2 114.2

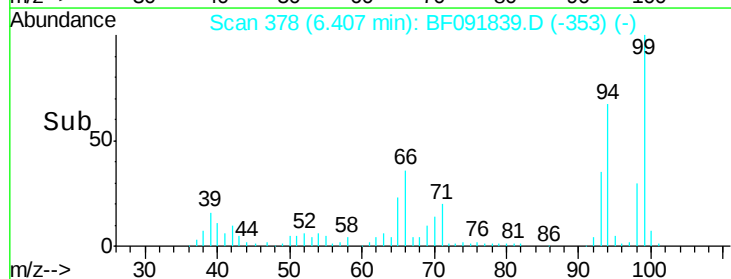
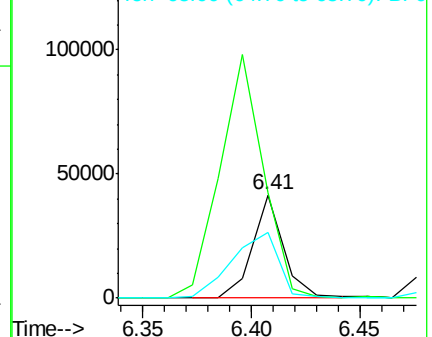
65 64.1 49.3 73.9

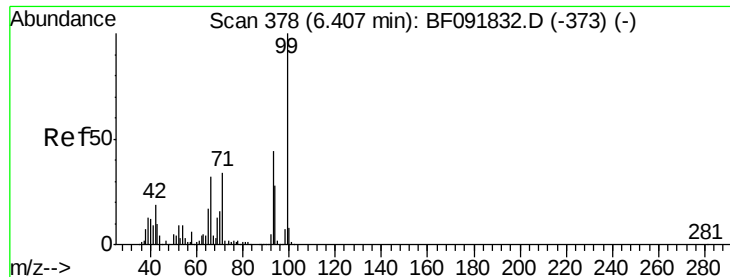


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.52 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

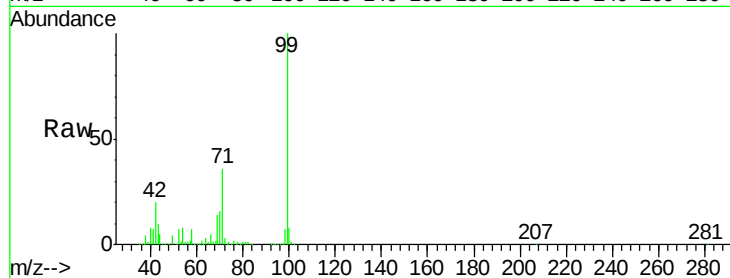
Tgt Ion: 99 Resp: 2141336

Ion Ratio Lower Upper

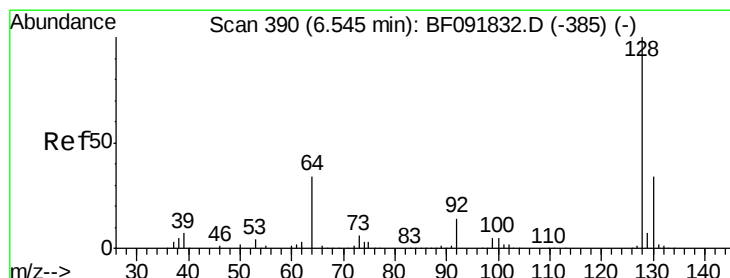
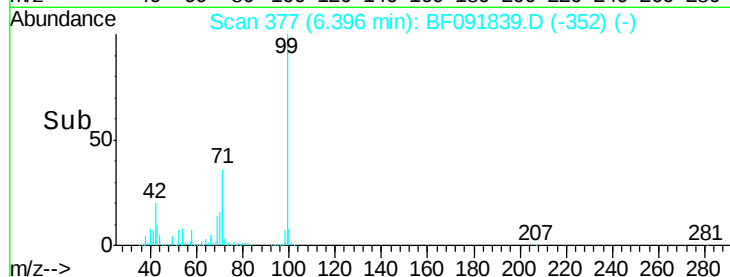
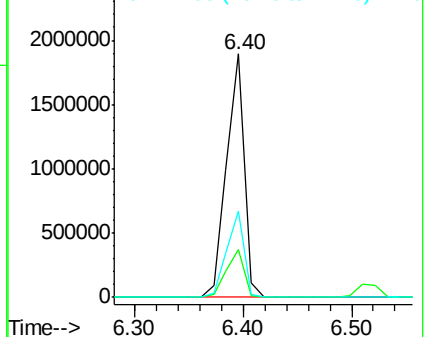
99 100

42 19.8 15.6 23.4

71 35.5 27.5 41.3



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



#8

2-Chlorophenol

Concen: 2.02 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

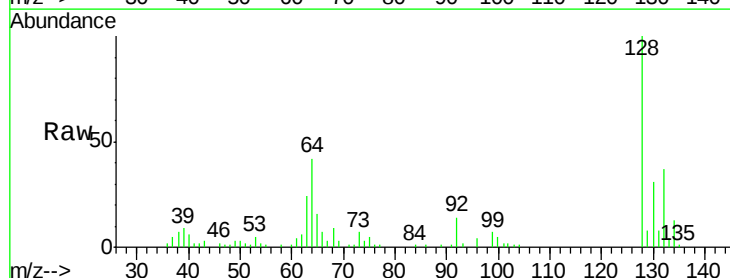
Tgt Ion: 128 Resp: 35858

Ion Ratio Lower Upper

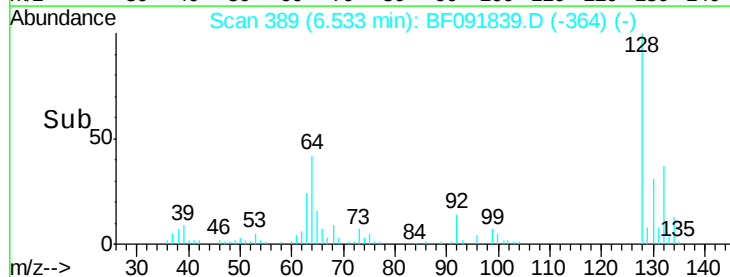
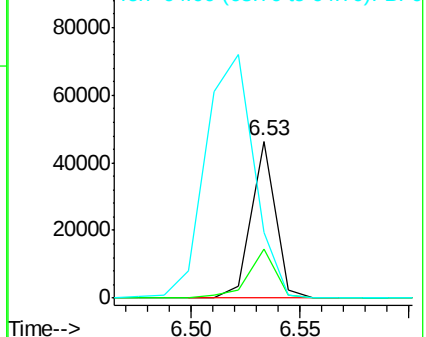
128 100

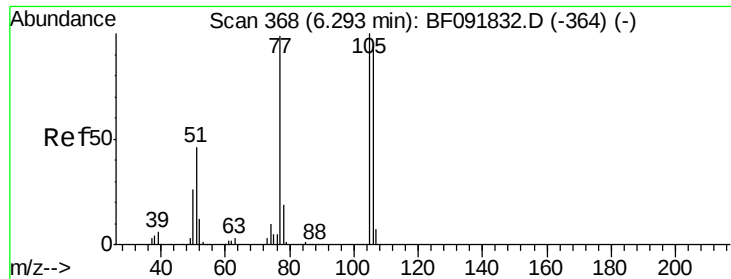
130 31.2 12.3 52.3

64 42.1 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: 0.84 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

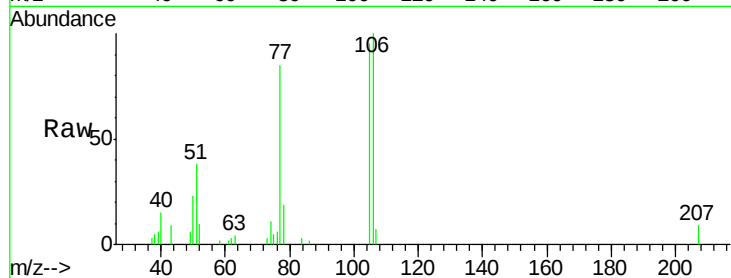
Tgt Ion: 77 Resp: 14999

Ion Ratio Lower Upper

77 100

105 111.9 83.9 123.9

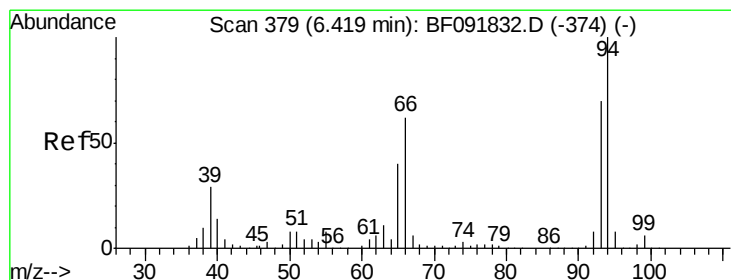
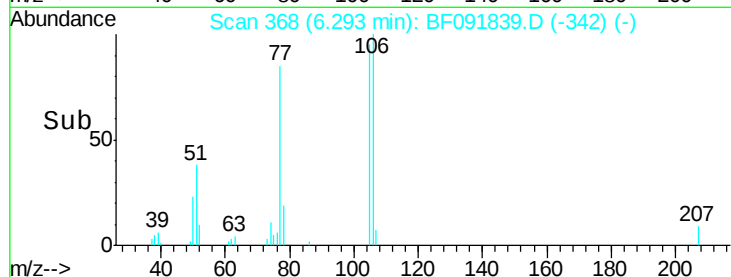
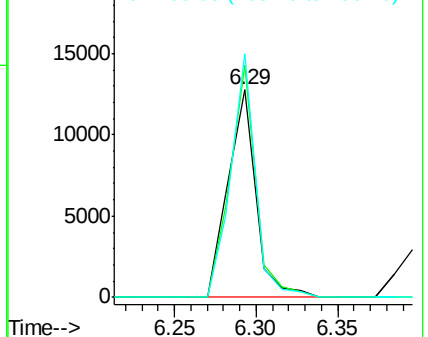
106 117.3 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 2.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

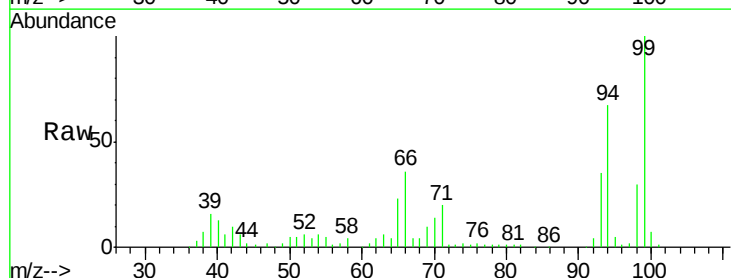
Tgt Ion: 94 Resp: 59556

Ion Ratio Lower Upper

94 100

65 34.1 21.4 61.4

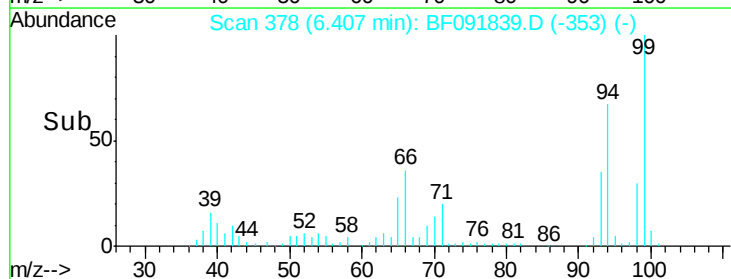
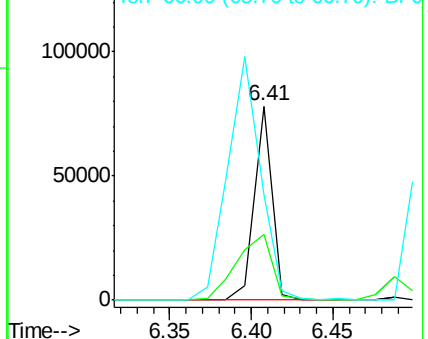
66 54.5 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 2.25 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

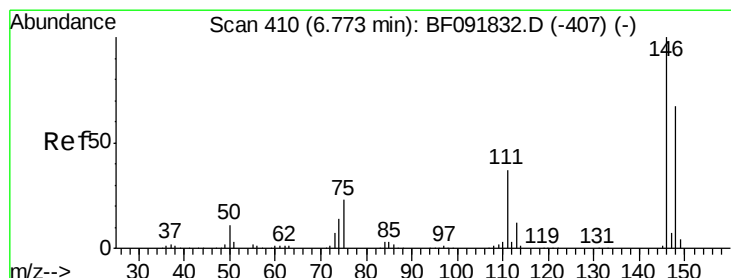
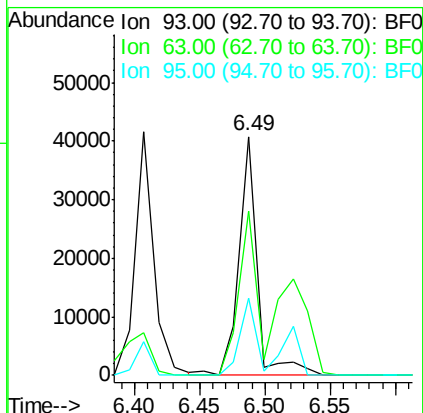
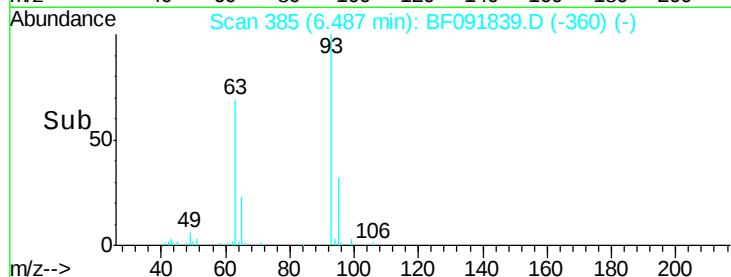
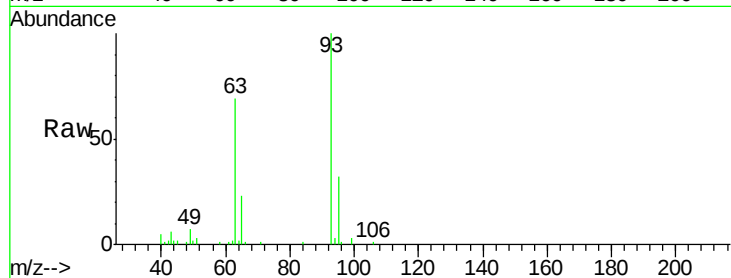
Tgt Ion: 93 Resp: 38841

Ion Ratio Lower Upper

93 100

63 68.9 60.4 100.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 1.92 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

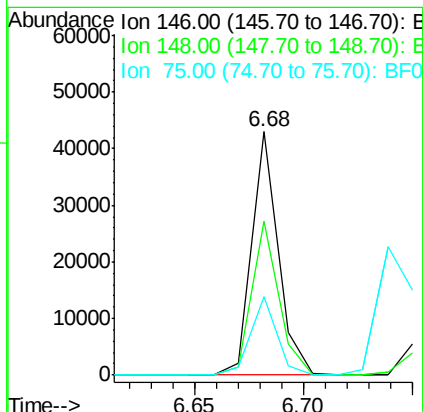
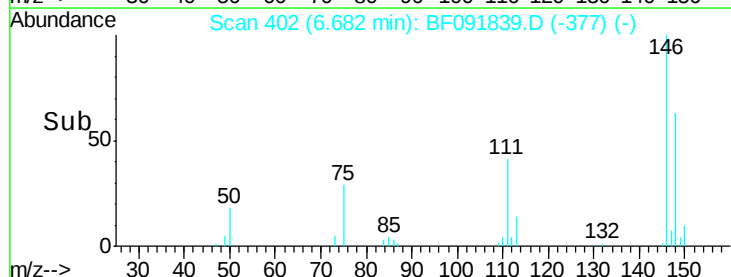
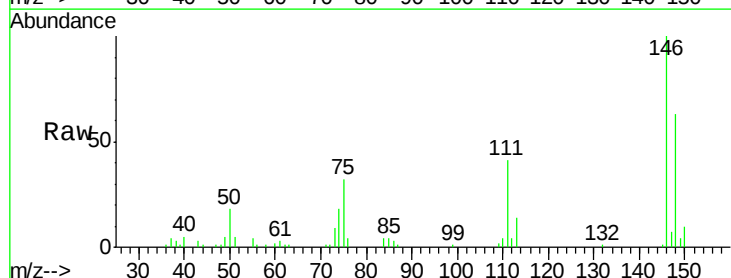
Tgt Ion: 146 Resp: 36312

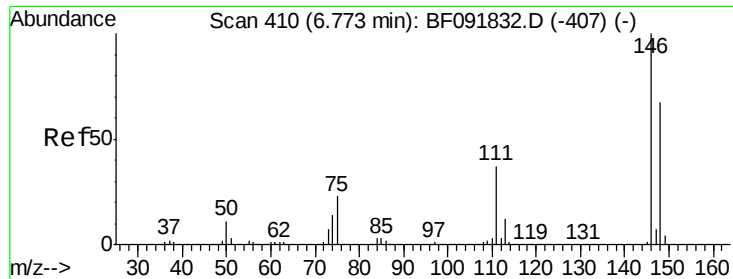
Ion Ratio Lower Upper

146 100

148 63.2 53.4 80.0

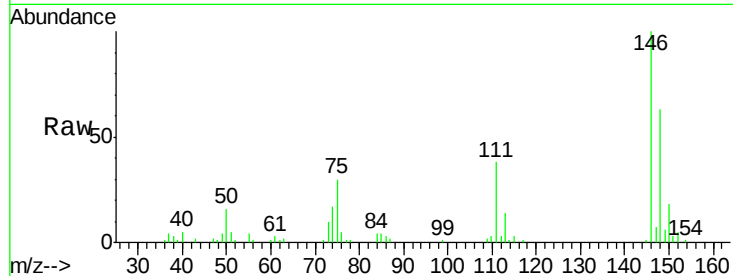
75 32.2 18.5 27.7#



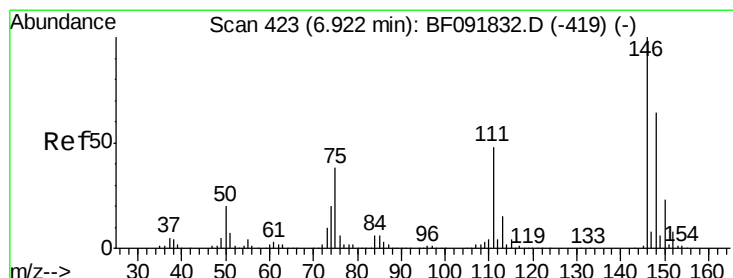
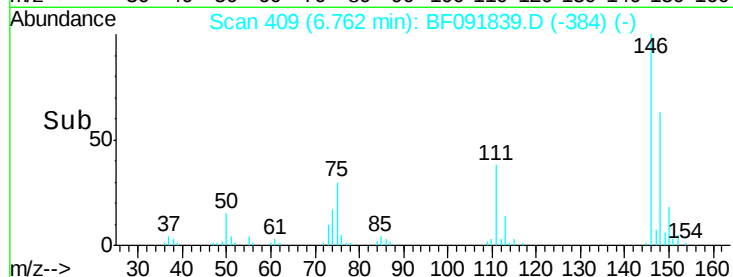
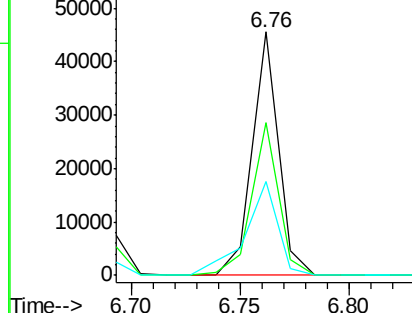


#13
 1,4-Dichlorobenzene
 Concen: 1.98 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	38.3	36.2	54.4

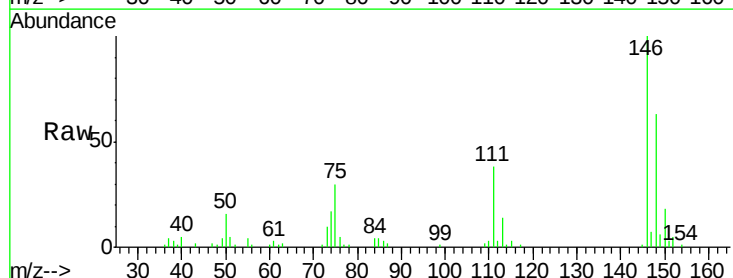


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

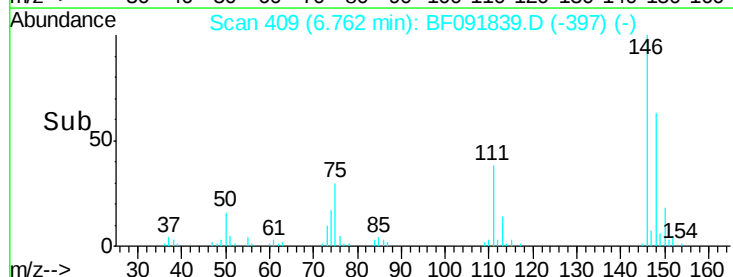
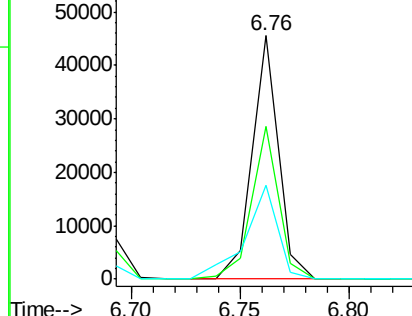


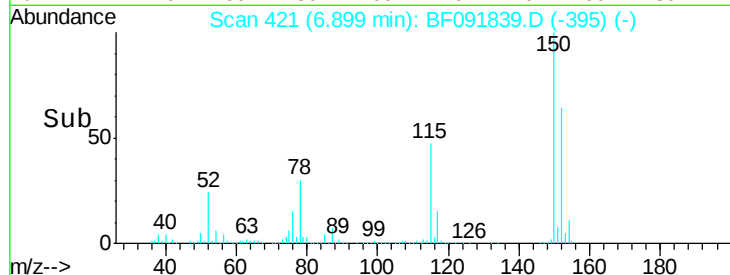
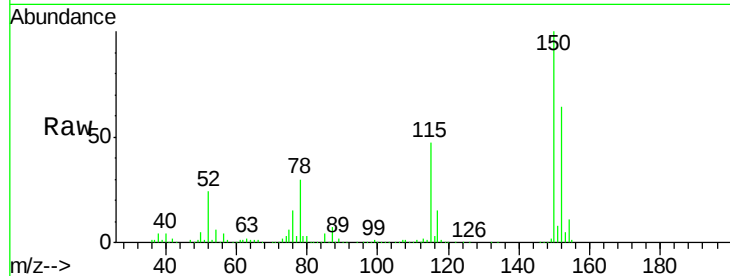
#14
 1,2-Dichlorobenzene
 Concen: 2.28 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.16 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	38.3	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: 3.22 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

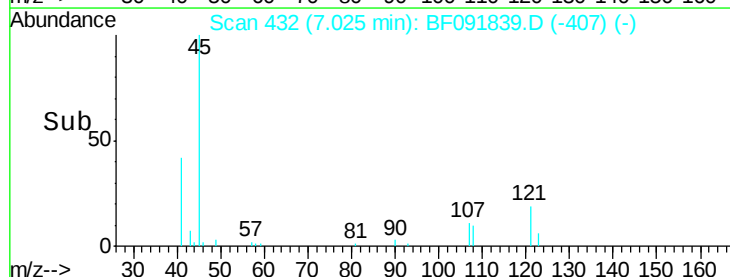
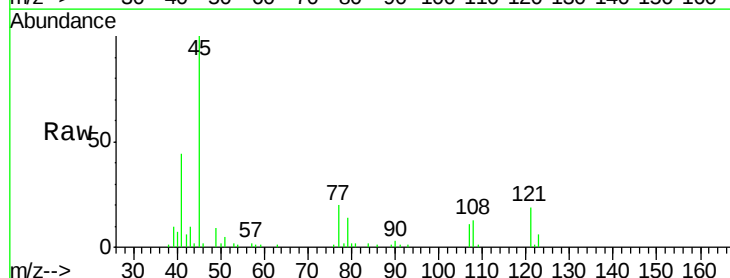
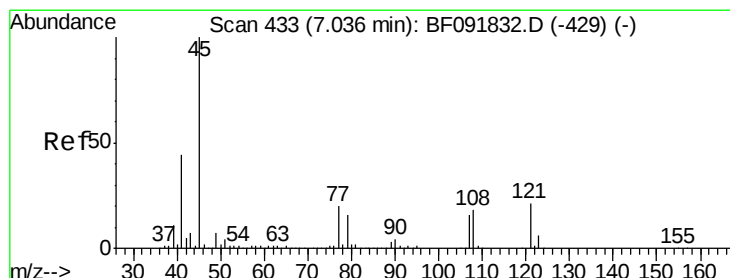
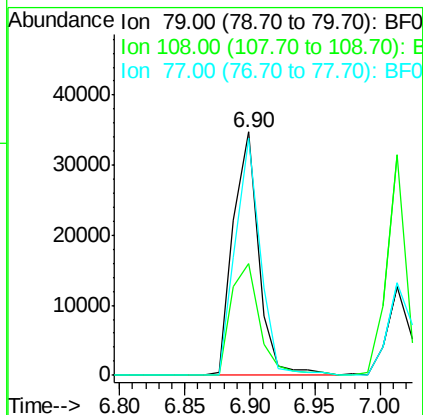
Tgt Ion: 79 Resp: 47592

Ion Ratio Lower Upper

79 100

108 45.7 61.4 92.0#

77 97.5 50.9 76.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.91 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

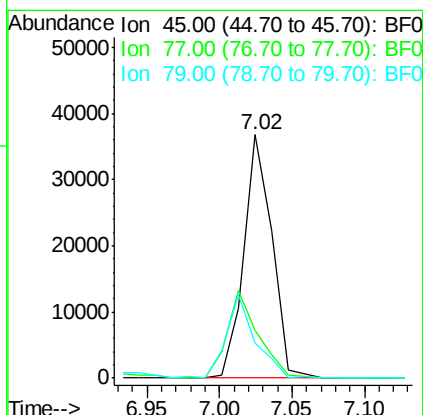
Tgt Ion: 45 Resp: 49172

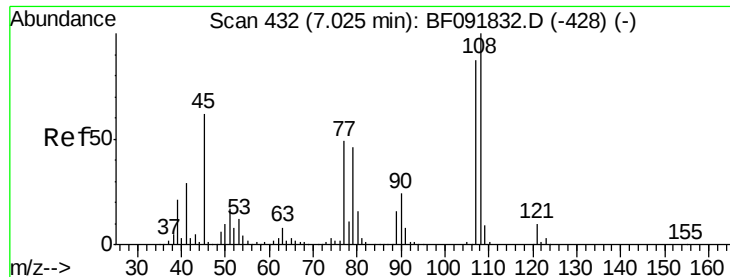
Ion Ratio Lower Upper

45 100

77 19.5 0.0 34.6

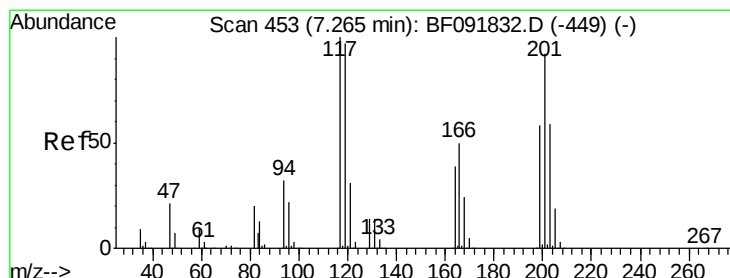
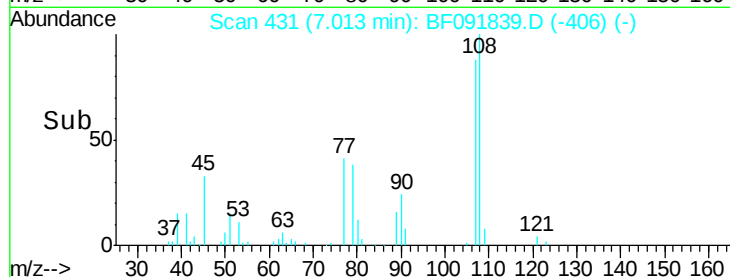
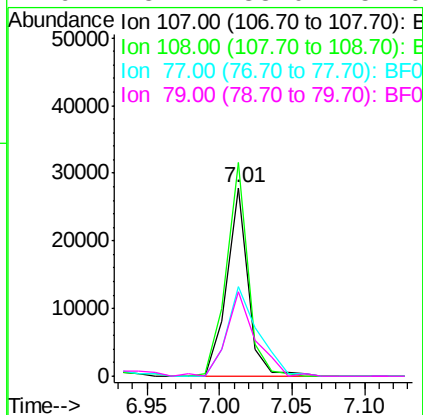
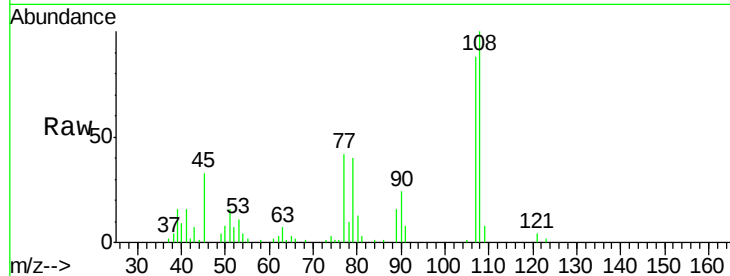
79 14.2 0.0 31.2





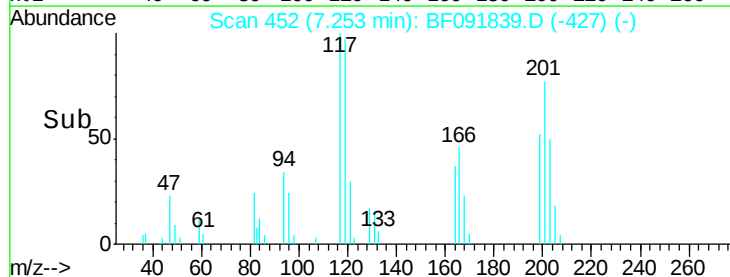
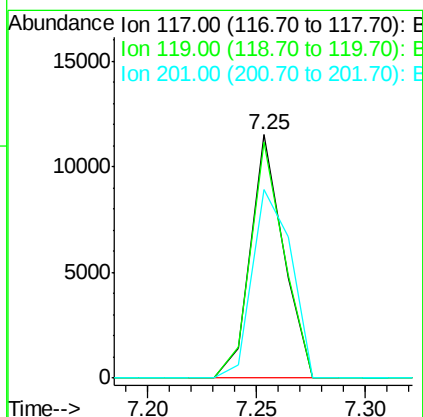
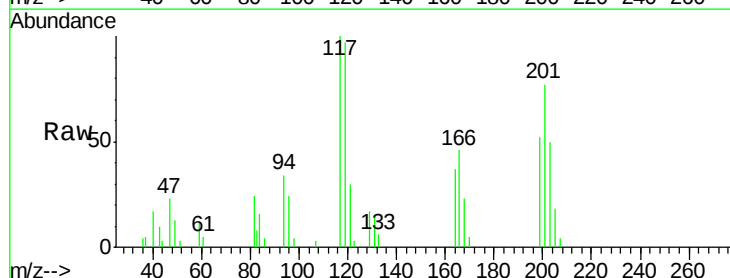
#17
2-Methylphenol
Concen: 2.00 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:	107	Resp:	28457
Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.0	139.6
77	47.2	39.8	59.8
79	45.1	38.0	57.0



#18
Hexachloroethane
Concen: 1.69 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

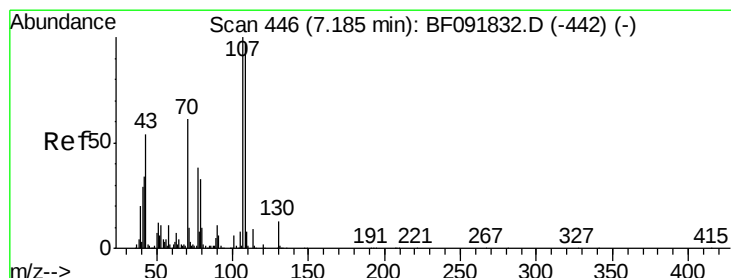
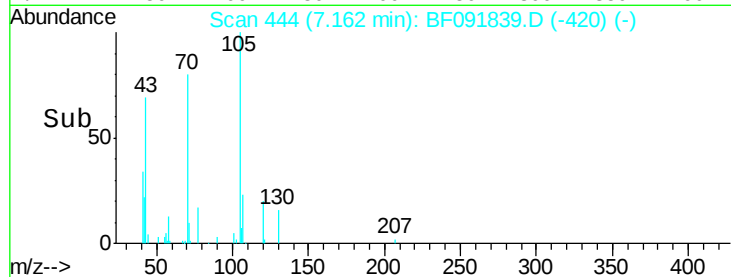
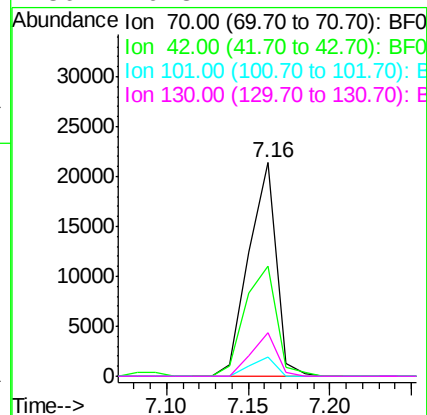
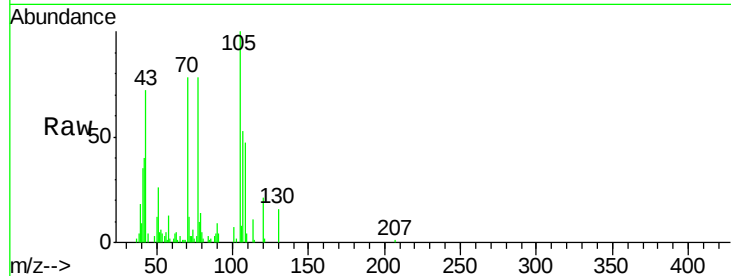
Tgt Ion:	117	Resp:	12096
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.1	117.1
201	77.4	78.6	117.8#





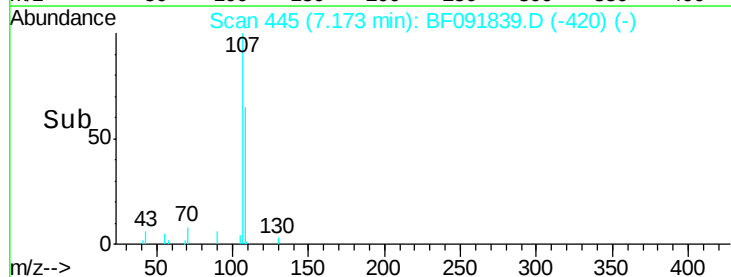
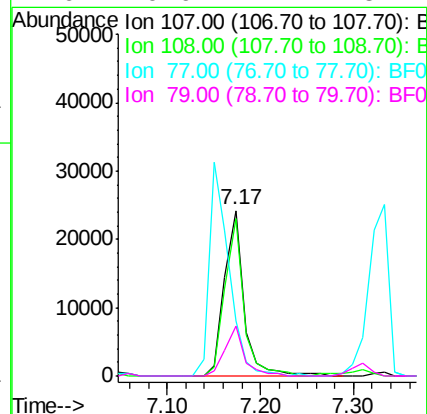
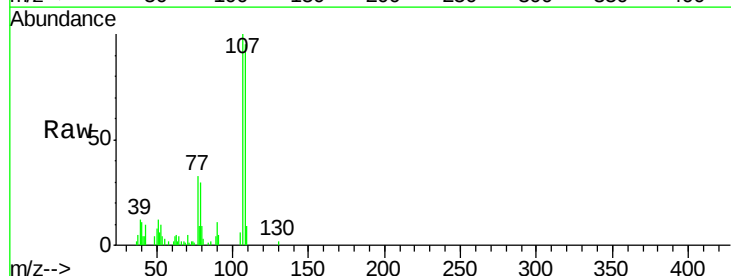
#19
n-Nitroso-di-n-propylamine
Concen: 1.98 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

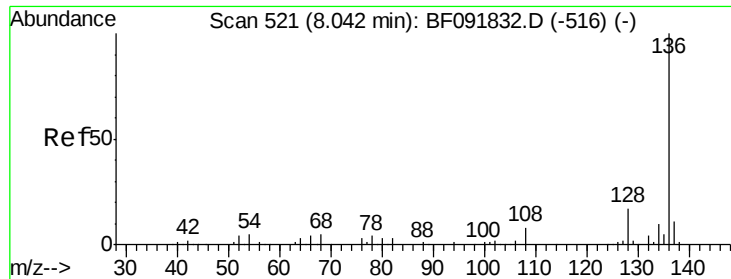
Tgt Ion:	70	Resp:	25079
Ion	Ratio	Lower	Upper
70	100		
42	51.4	49.4	74.0
101	9.0	7.4	11.2
130	20.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 2.08 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

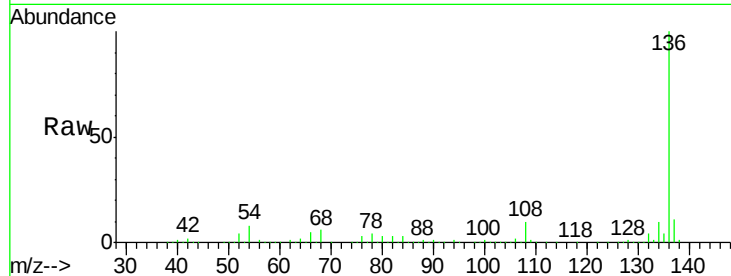
Tgt Ion:	107	Resp:	35438
Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.0	113.0
77	33.4	71.3	111.3#
79	29.9	11.1	51.1



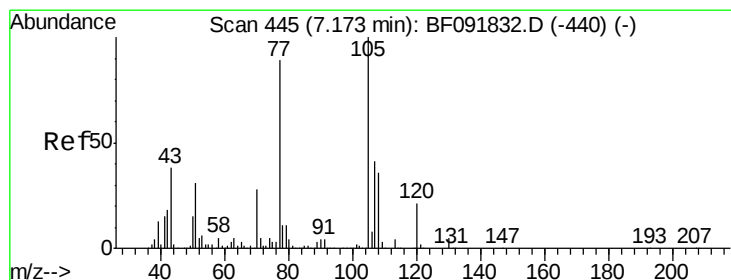
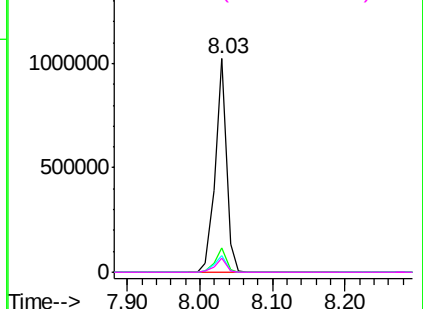
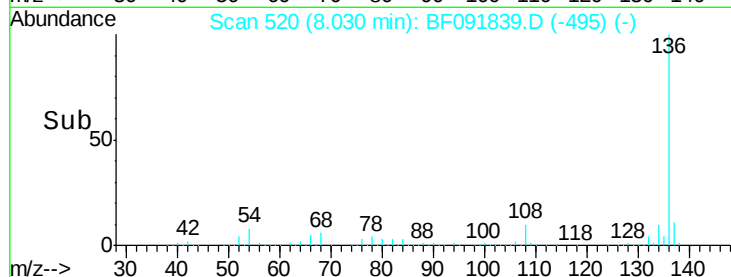


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:	136	Resp:	1104811
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.9	4.5	6.7#
68	6.3	3.6	5.4#

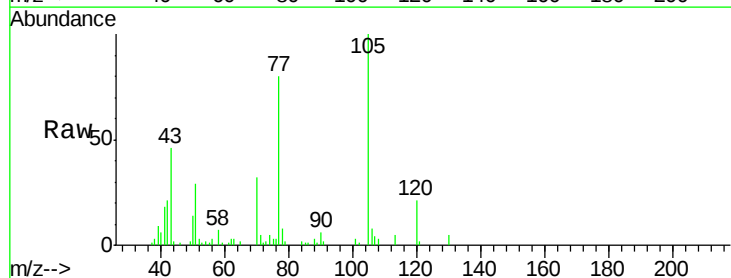


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

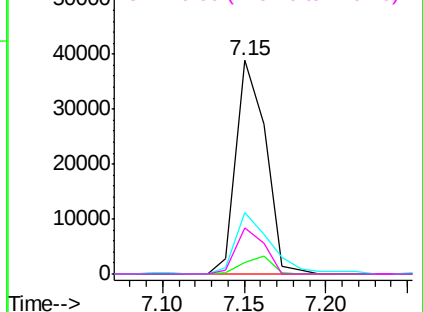
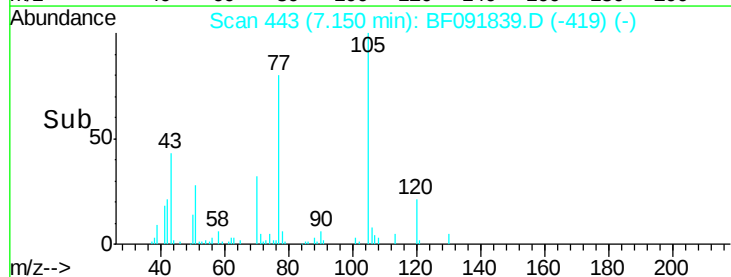


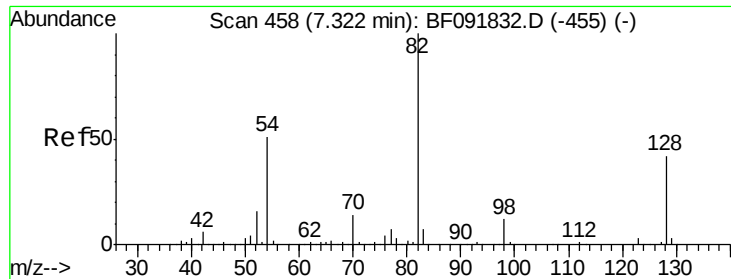
#22
Acetophenone
Concen: 1.78 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:	105	Resp:	48595
Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.2	4.8#
51	28.6	26.2	39.4
120	21.5	16.6	24.8



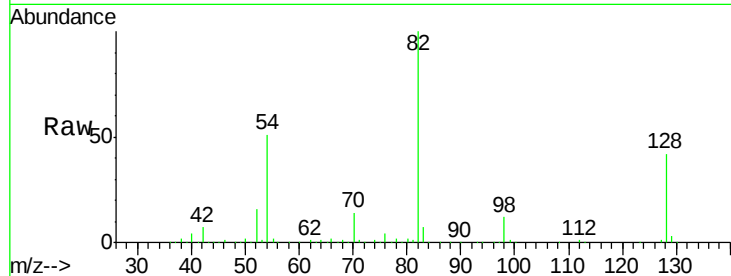
Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



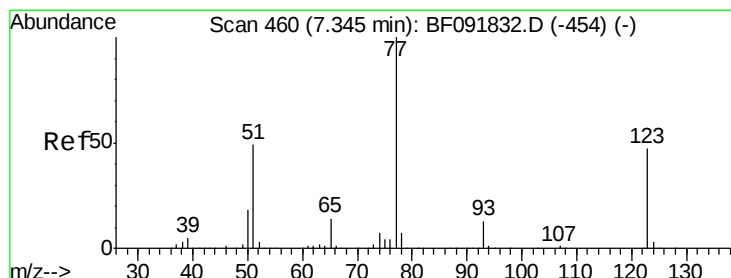
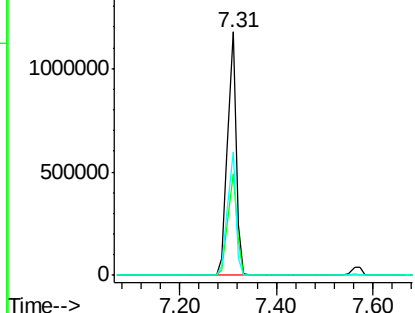
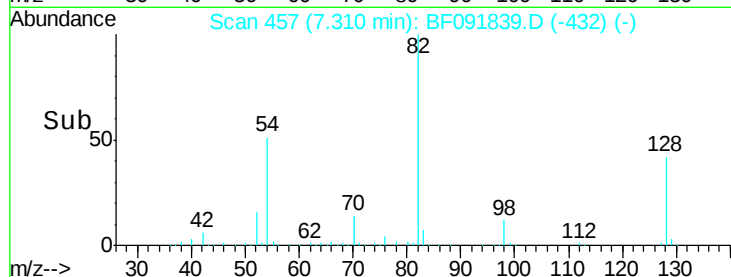


#23
Nitrobenzene-d5
Concen: 73.60 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion: 82 Resp: 1462240
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 50.7 39.5 59.3

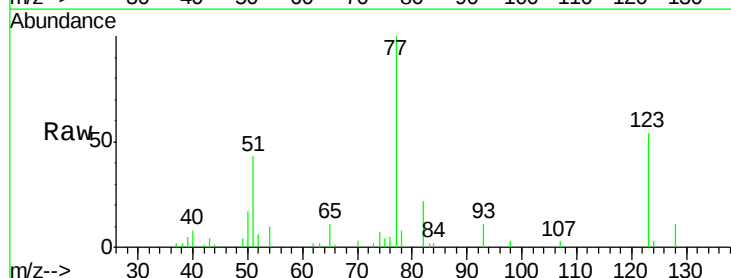


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

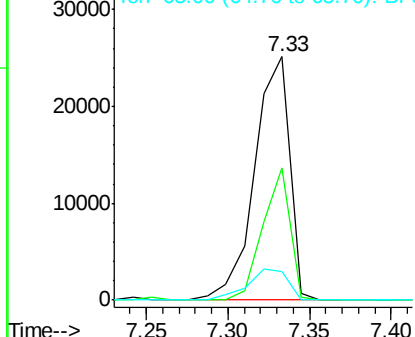
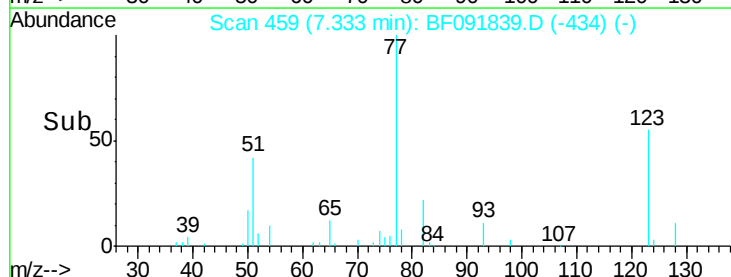


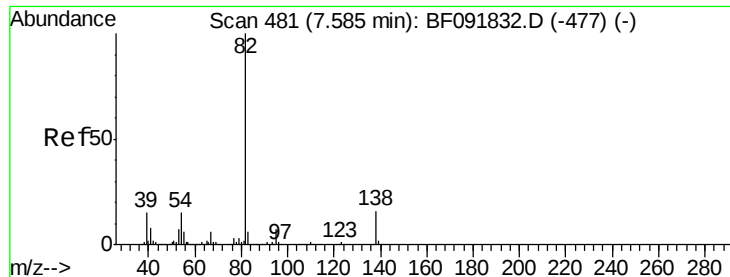
#24
Nitrobenzene
Concen: 1.78 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion: 77 Resp: 37562
Ion Ratio Lower Upper
77 100
123 54.2 33.0 49.4#
65 11.5 11.2 16.8



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





#25

Isophorone

Concen: 1.63 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

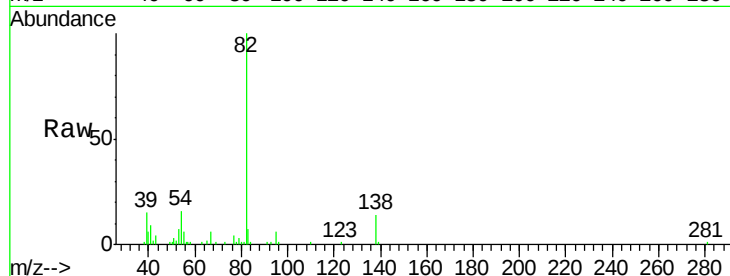
Tgt Ion: 82 Resp: 59627

Ion Ratio Lower Upper

82 100

95 5.9 5.6 8.4

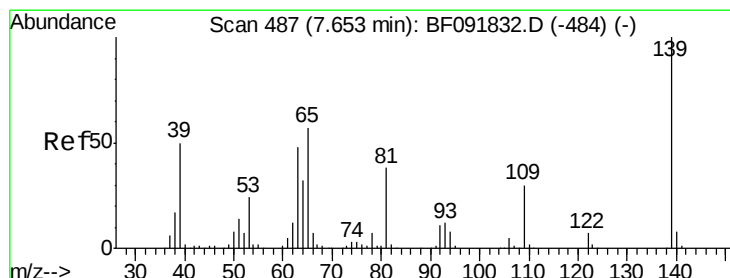
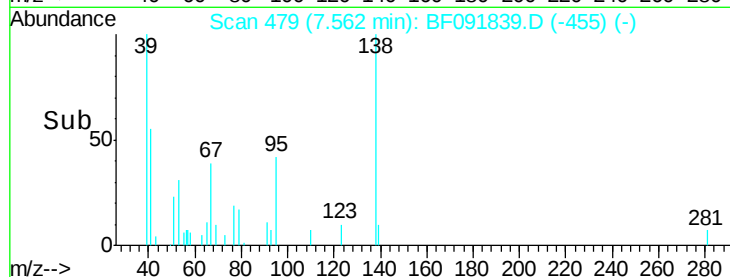
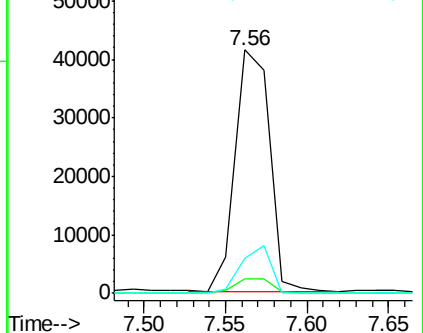
138 14.2 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 1.52 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

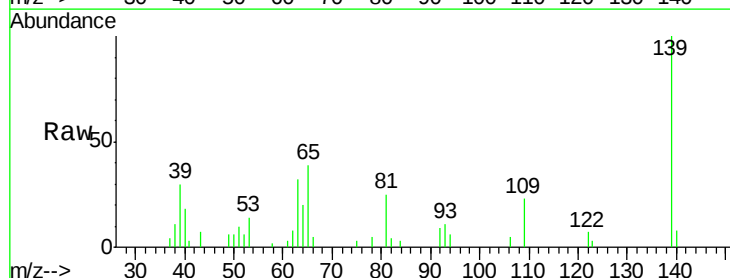
Tgt Ion: 139 Resp: 15854

Ion Ratio Lower Upper

139 100

109 23.3 23.3 34.9

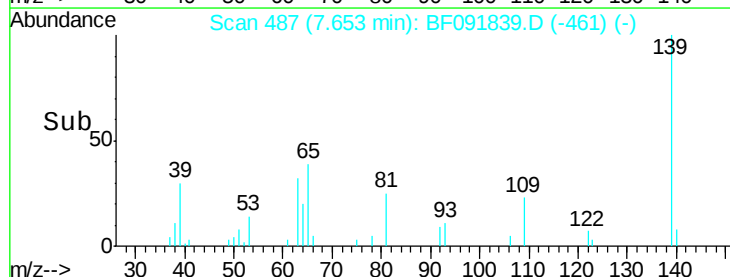
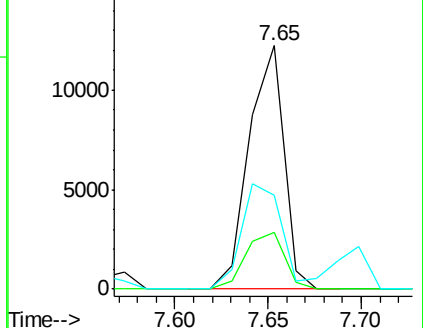
65 38.6 42.7 64.1#

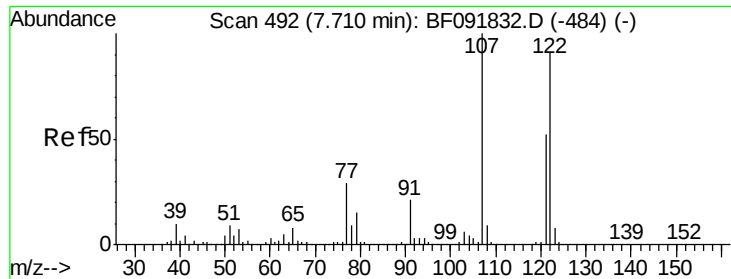


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

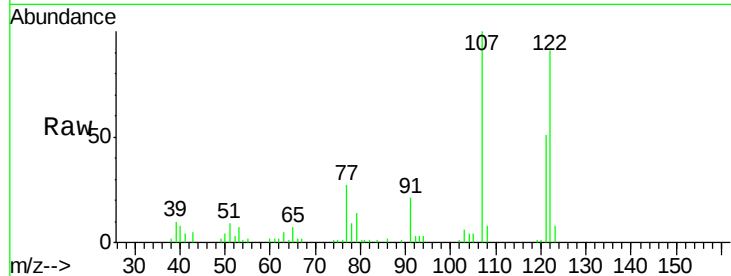
Ion 65.00 (64.70 to 65.70): BF0



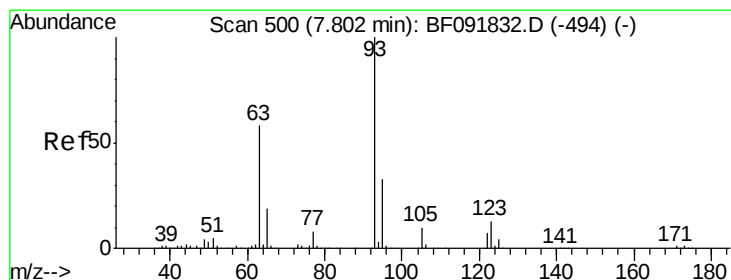
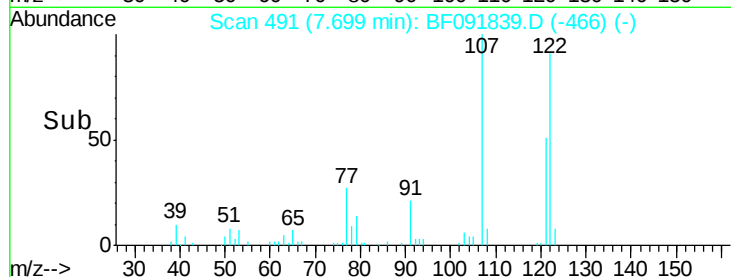
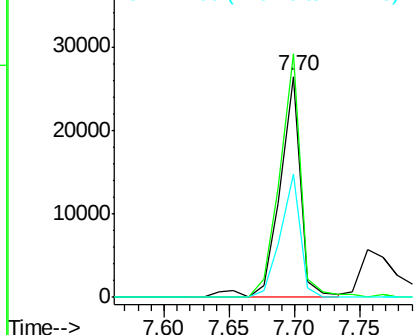


#27
2,4-Dimethylphenol
Concen: 1.72 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion: 122 Resp: 29810
Ion Ratio Lower Upper
122 100
107 110.2 94.1 141.1
121 56.1 46.0 69.0

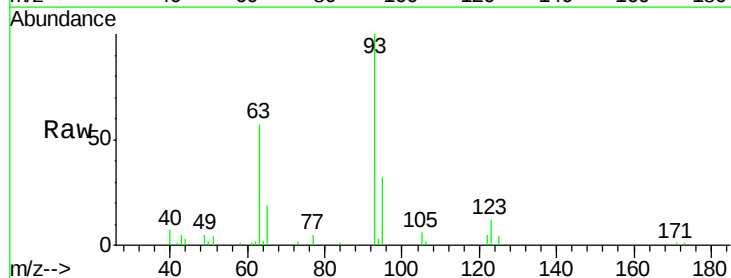


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

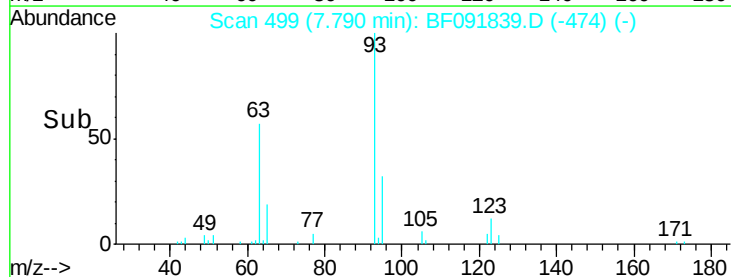
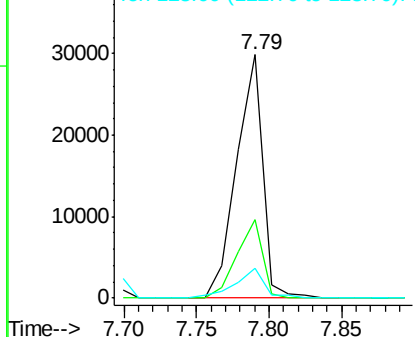


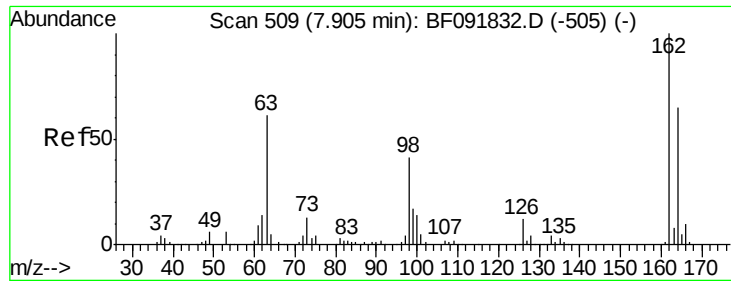
#28
bis(2-Chloroethoxy)methane
Concen: 1.69 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion: 93 Resp: 37456
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 12.1 8.6 13.0



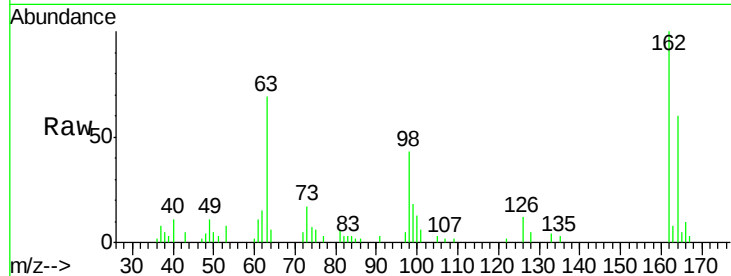
Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



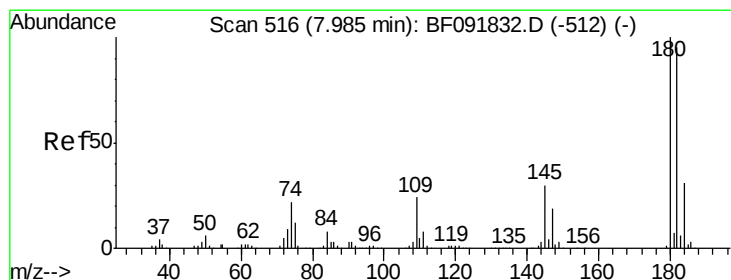
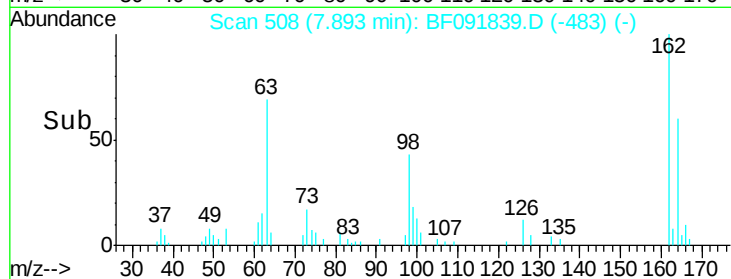
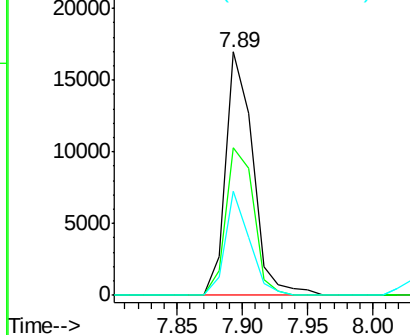


#29
 2,4-Dichlorophenol
 Concen: 1.68 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.4	46.8	86.8
98	42.5	9.1	49.1

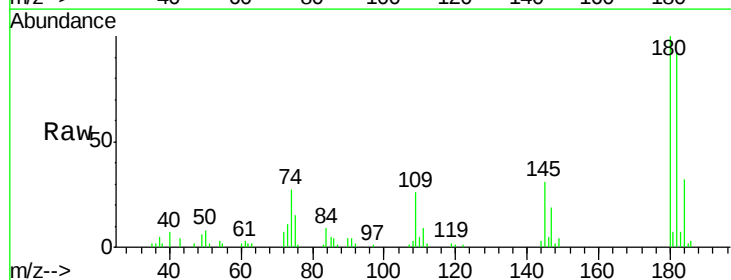


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

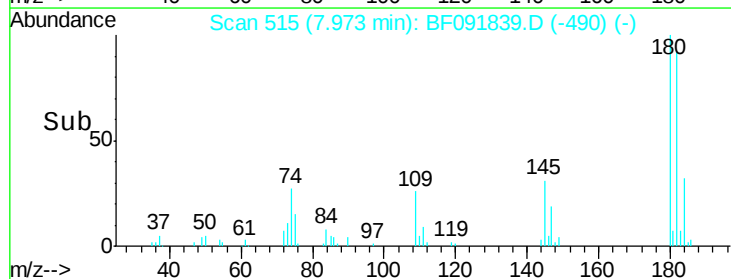
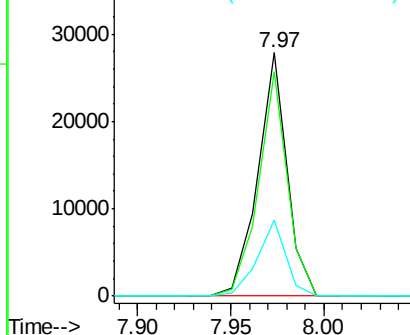


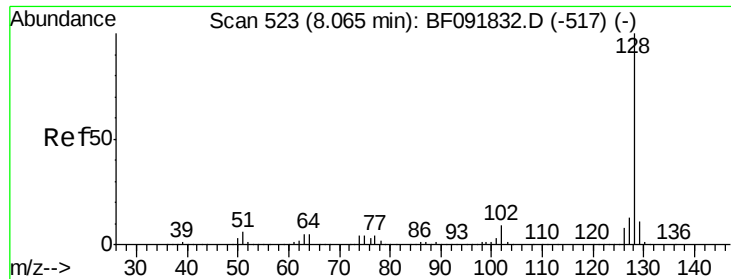
#30
 1,2,4-Trichlorobenzene
 Concen: 1.87 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	78.2	117.4
145	31.2	21.6	32.4



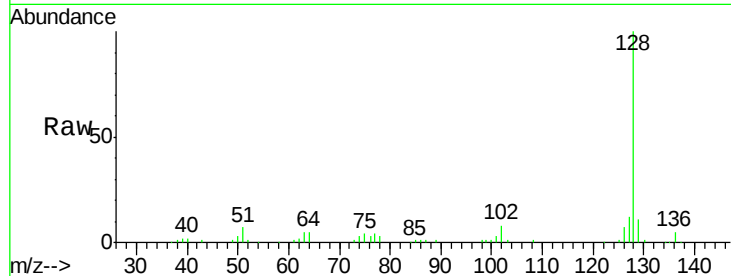
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



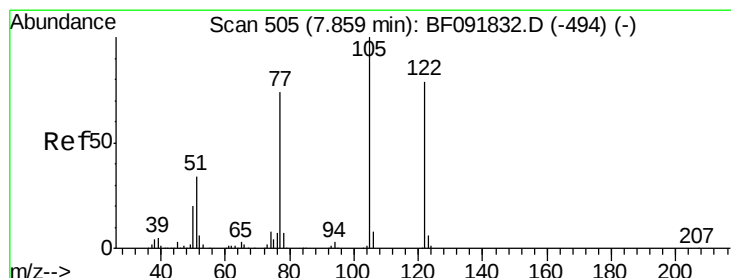
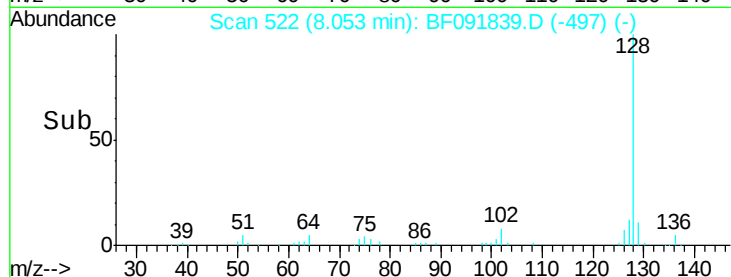
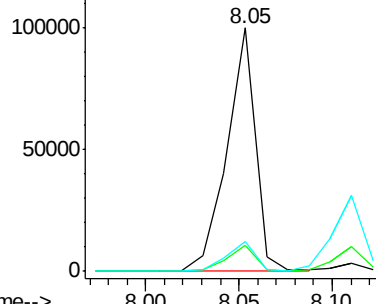


#31
Naphthalene
Concen: 2.08 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:128 Resp: 104940
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 12.3 10.8 16.2

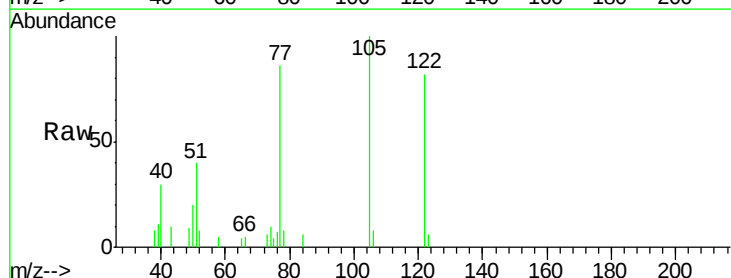


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

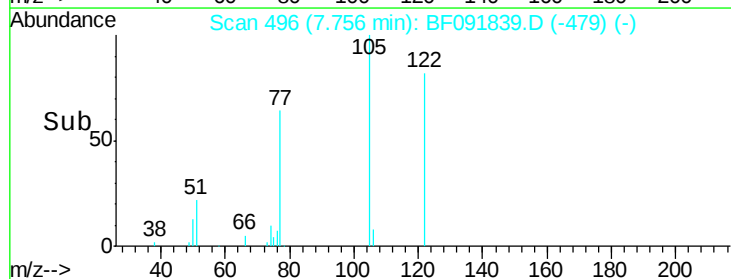
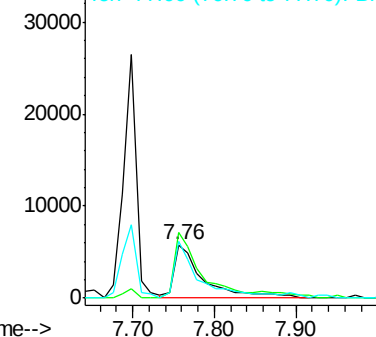


#32
Benzoic acid
Concen: 1.13 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.10 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:122 Resp: 14474
Ion Ratio Lower Upper
122 100
105 122.3 107.2 147.2
77 105.6 74.5 114.5



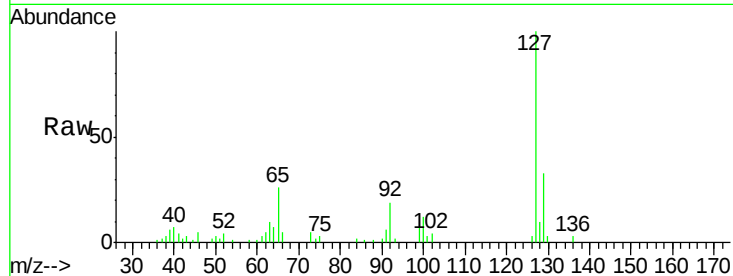
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



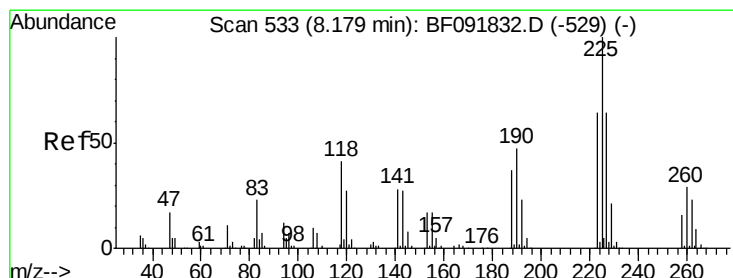
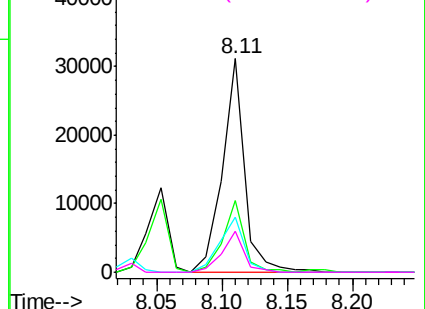
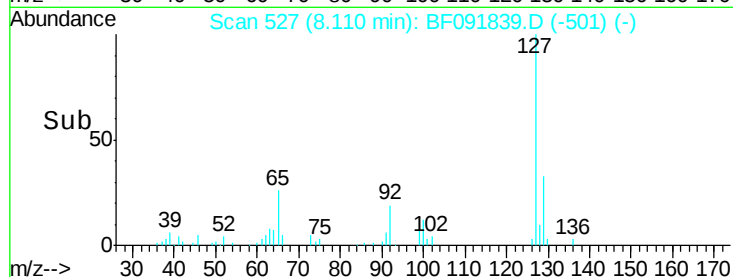


#33
4-Chloroaniline
Concen: 1.63 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:	127	Resp:	37242
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	26.0	25.8	38.8
92	18.9	16.1	24.1

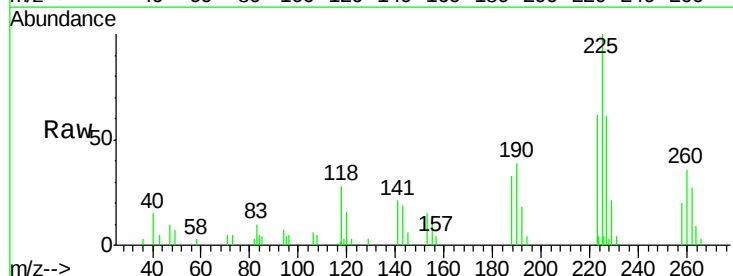


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

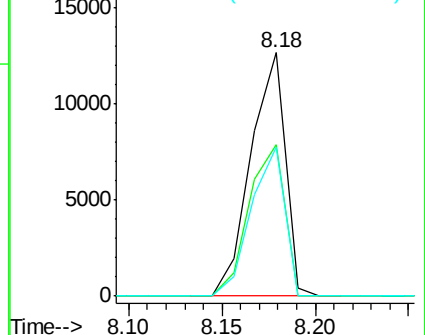
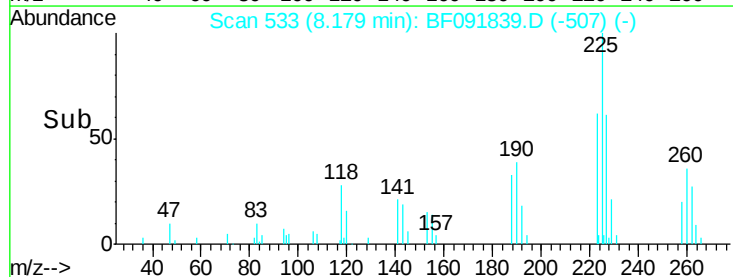


#34
Hexachlorobutadiene
Concen: 1.91 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:	225	Resp:	16197
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	60.9	50.6	76.0



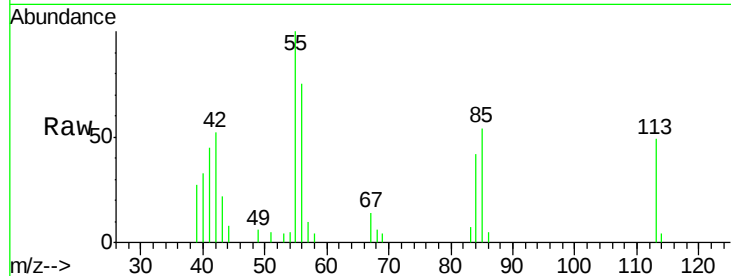
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



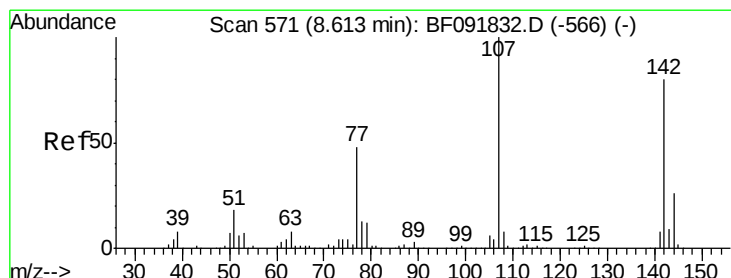
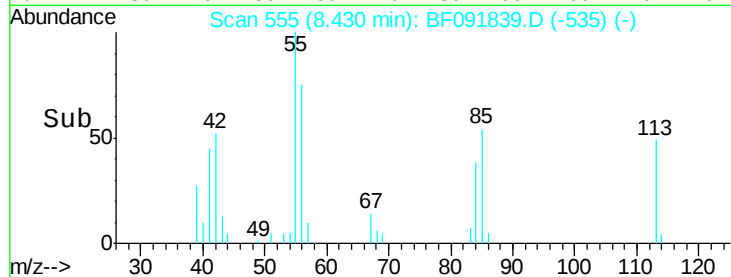
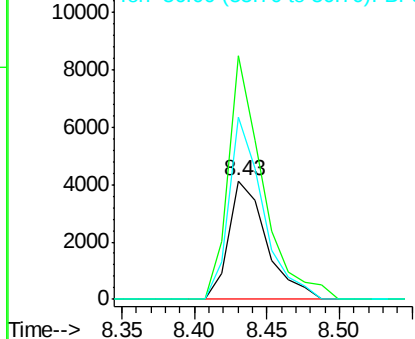


#35
 Caprolactam
 Concen: 1.56 ng
 RT: 8.43 min Scan# 555
 Delta R.T. -0.07 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion: 113 Resp: 7507
 Ion Ratio Lower Upper
 113 100
 55 205.3 119.2 159.2#
 56 153.3 83.8 123.8#

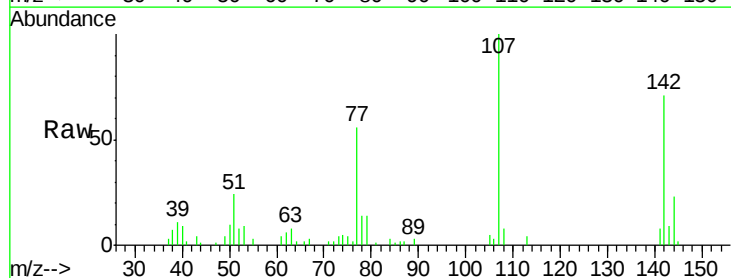


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

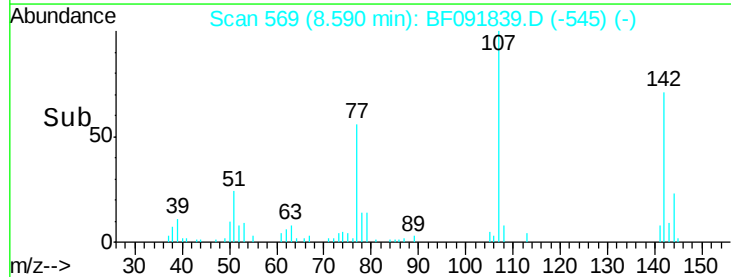
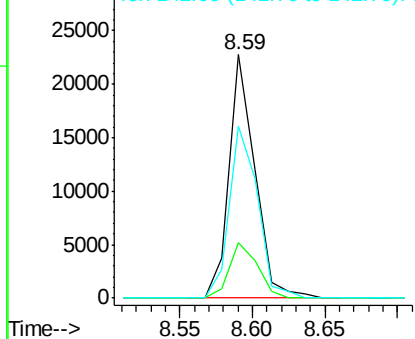


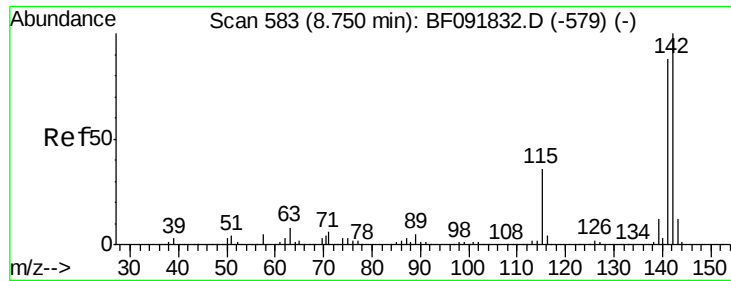
#36
 4-Chloro-3-methylphenol
 Concen: 1.67 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion: 107 Resp: 28178
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 70.8 59.0 88.6



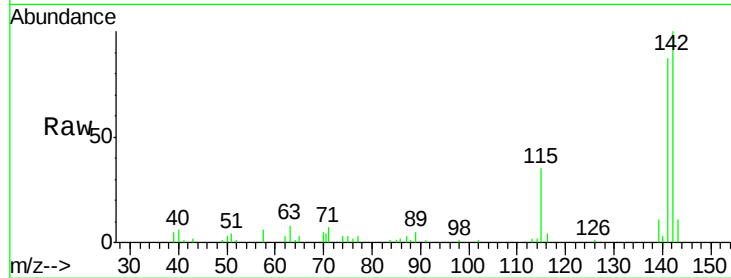
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



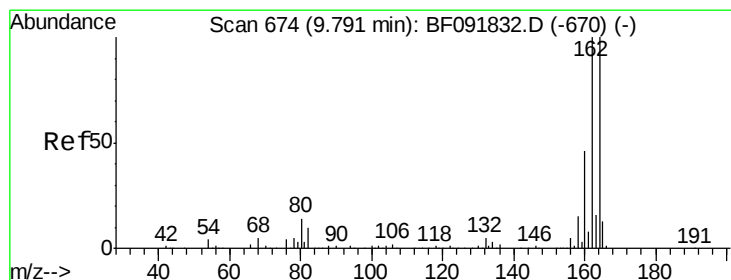
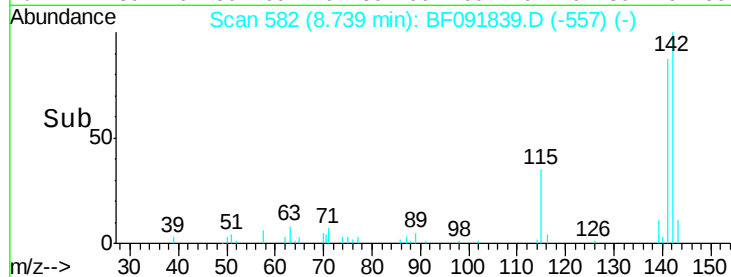
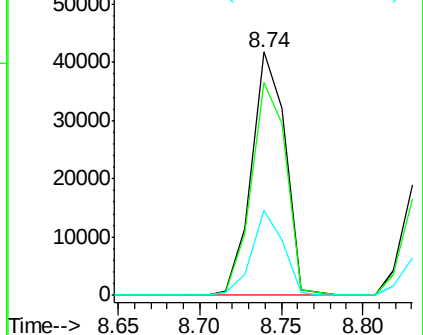


#37
2-Methylnaphthalene
Concen: 1.10 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:142 Resp: 59957
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6
115 34.8 28.3 42.5

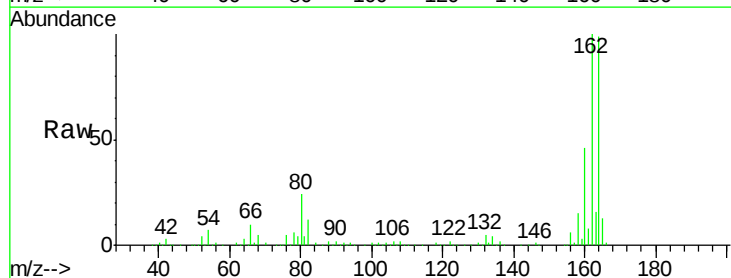


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

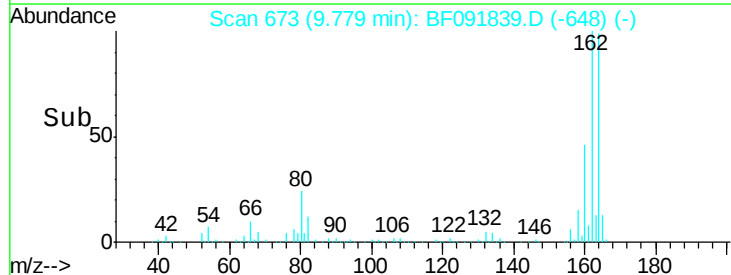
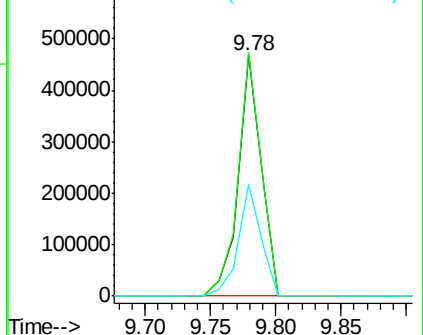


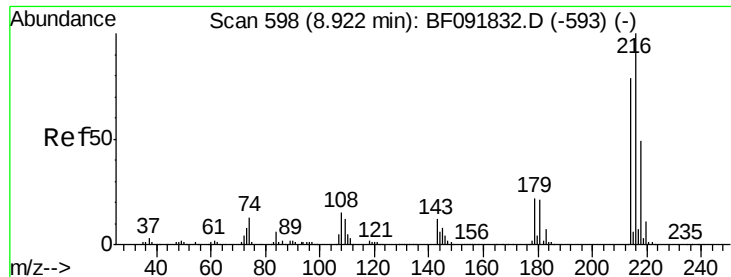
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:164 Resp: 567535
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 46.3 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: 1.96 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

Tgt Ion:216 Resp: 28123

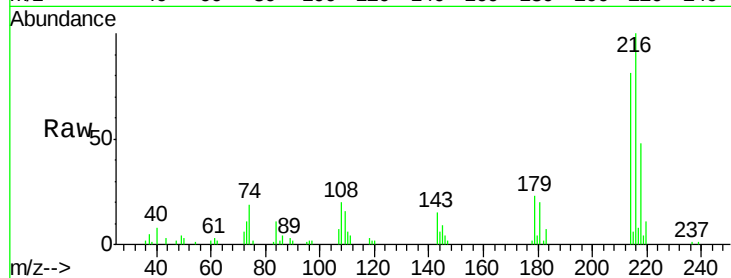
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 23.0 17.4 26.2

108 20.9 15.6 23.4

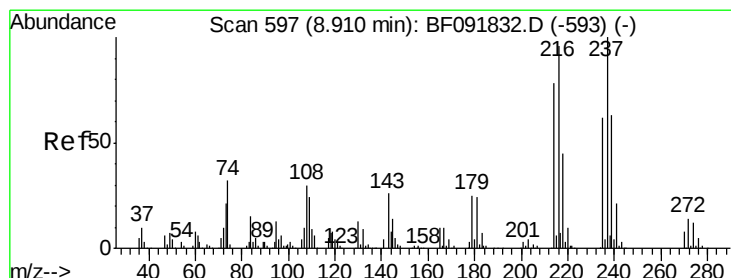
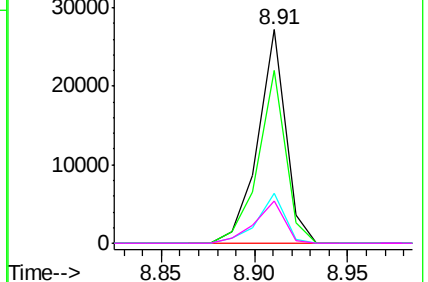
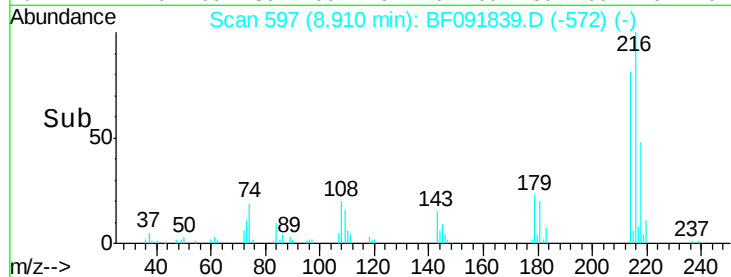


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 4.50 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

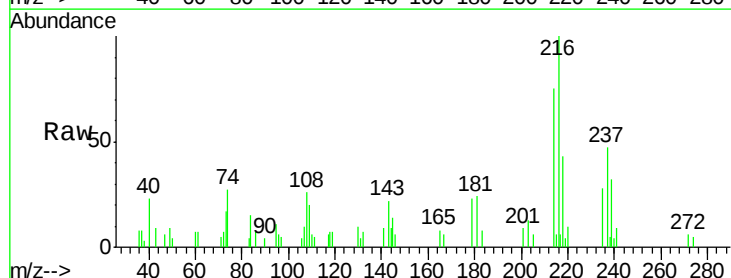
Tgt Ion:237 Resp: 3504

Ion Ratio Lower Upper

237 100

235 60.2 41.2 81.2

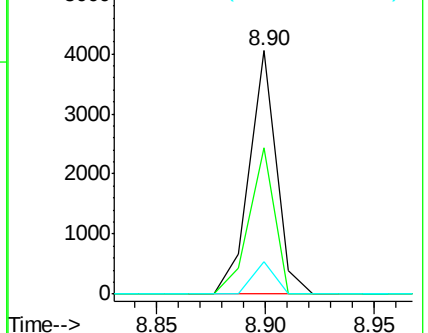
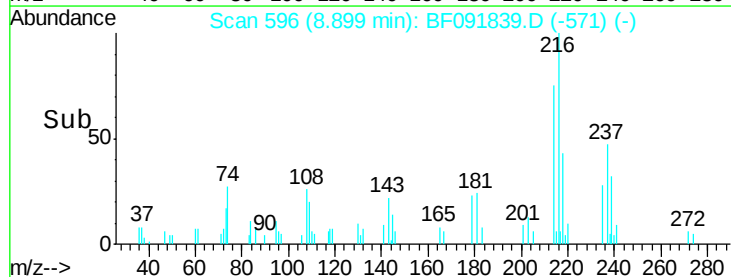
272 13.3 0.0 35.4

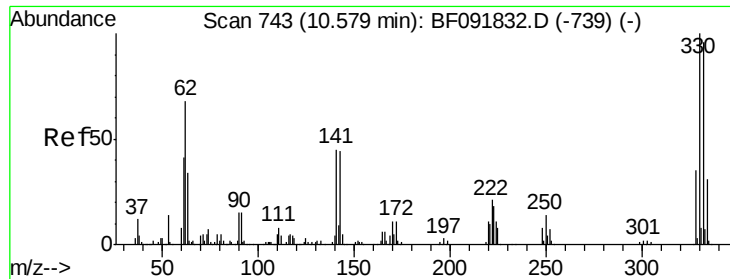


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

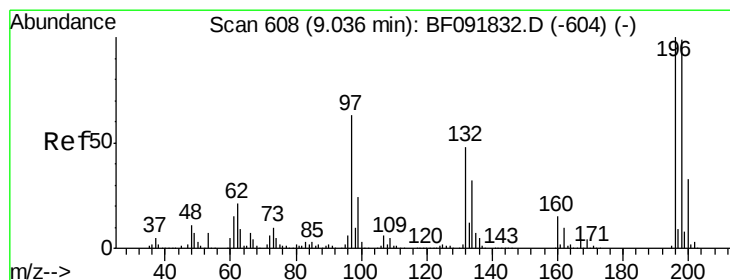
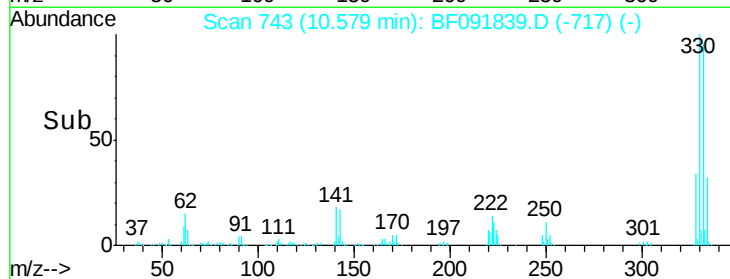
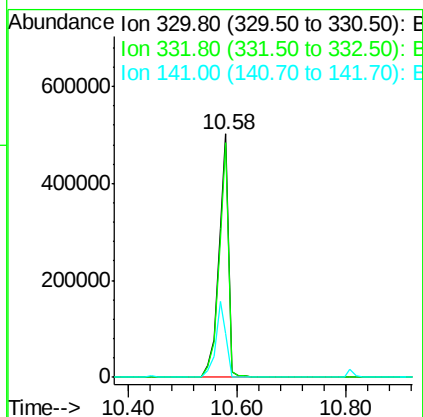
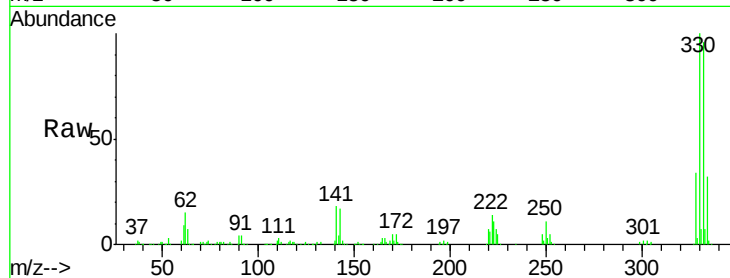
Ion 271.75 (271.45 to 272.45): E





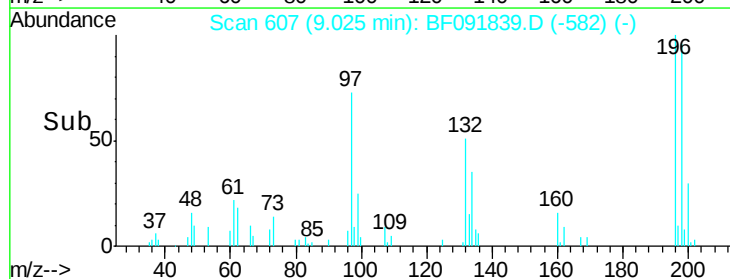
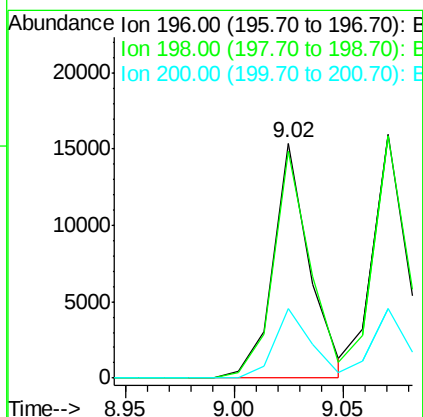
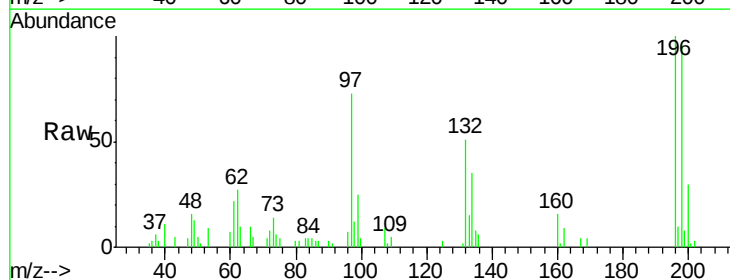
#41
 2,4,6-Tribromophenol
 Concen: 136.45 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	33.4	34.1	51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 1.79 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

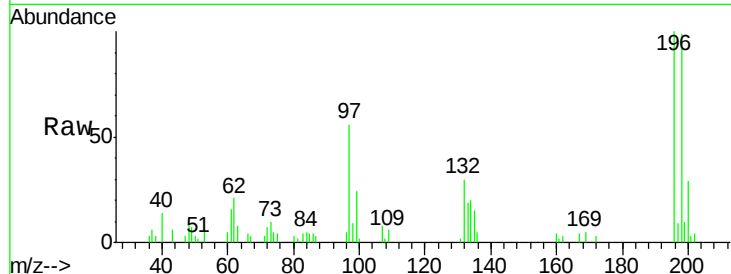
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	82.1	123.1
200	29.7	27.0	40.4



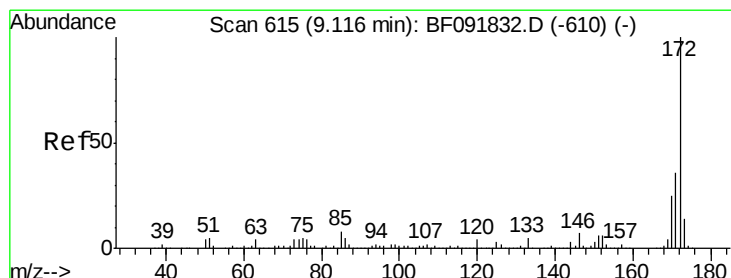
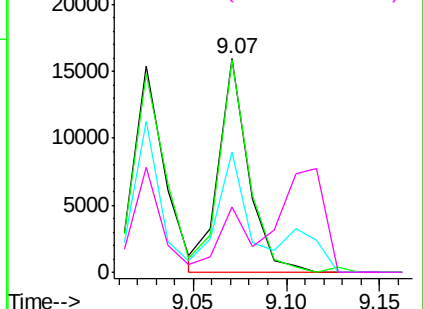
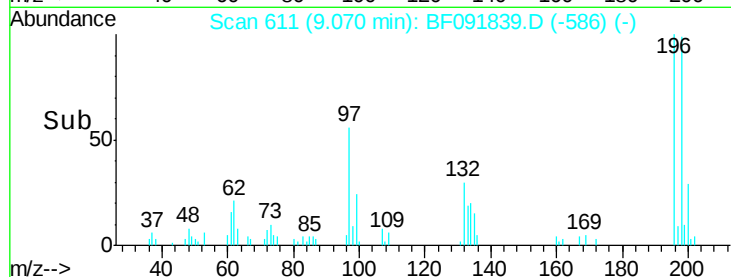


#43
 2,4,5-Trichlorophenol
 Concen: 1.72 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:196 Resp: 17794
 Ion Ratio Lower Upper
 196 100
 198 99.4 79.4 119.2
 97 56.2 51.5 77.3
 132 30.3 27.4 41.2

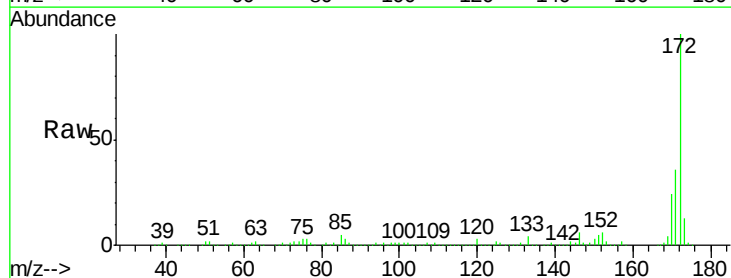


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

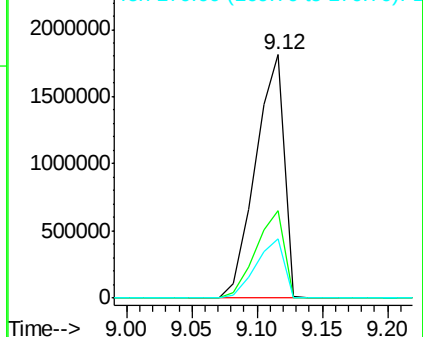
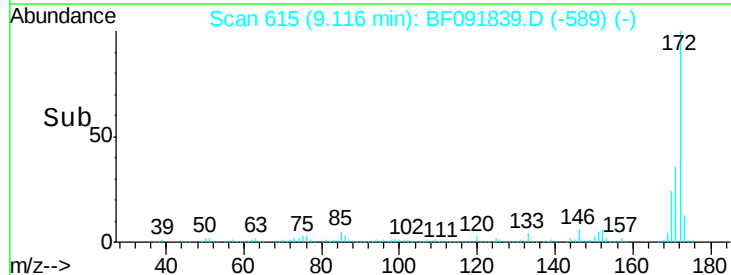


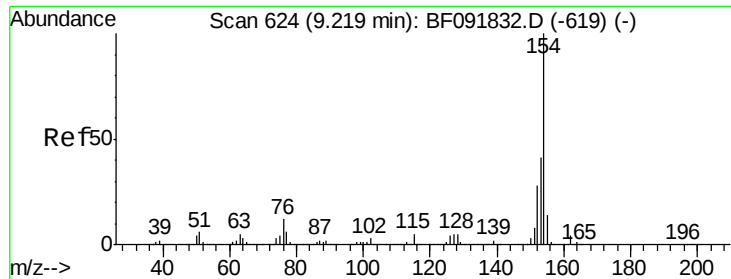
#44
 2-Fluorobiphenyl
 Concen: 102.93 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:172 Resp: 2775762
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.3 20.2 30.4



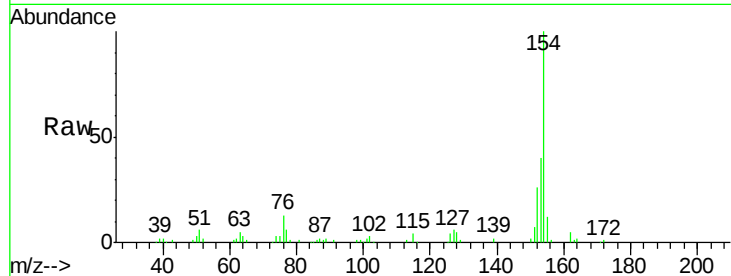
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



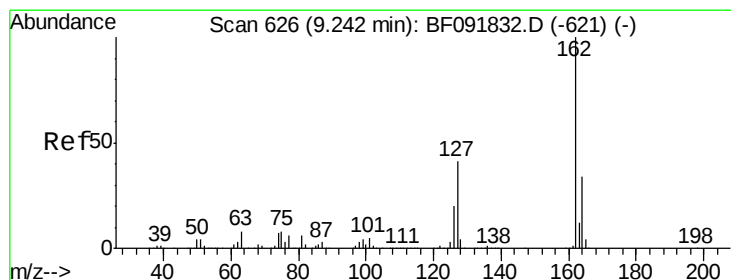
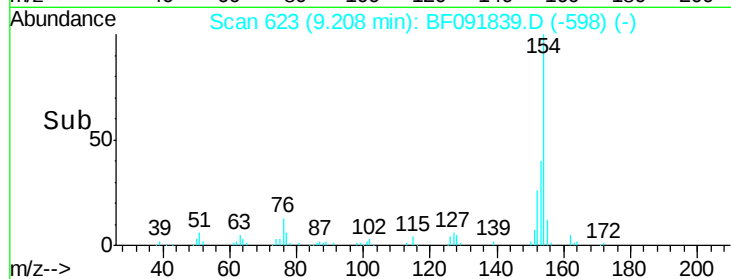
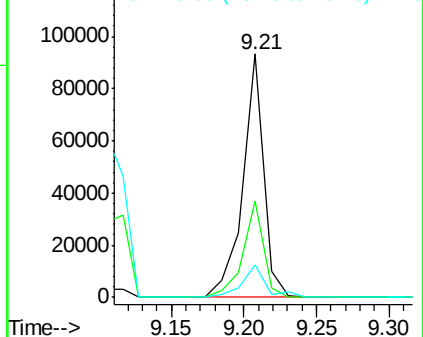


#45
 1,1'-Biphenyl
 Concen: 2.39 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:	154	Resp:	92815
Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.9	60.9
76	13.1	0.0	30.5

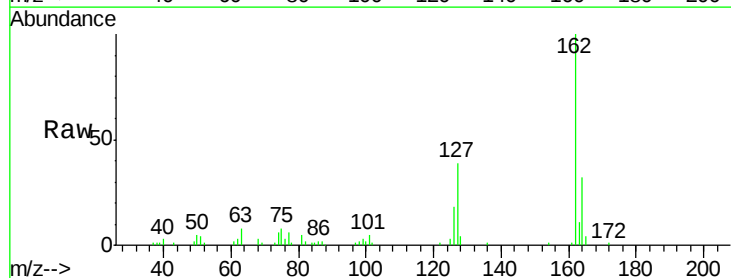


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

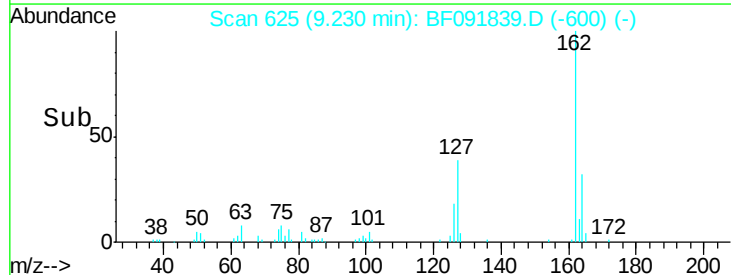
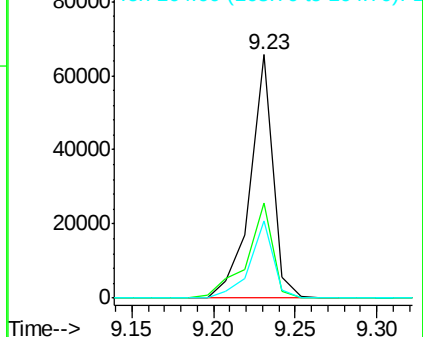


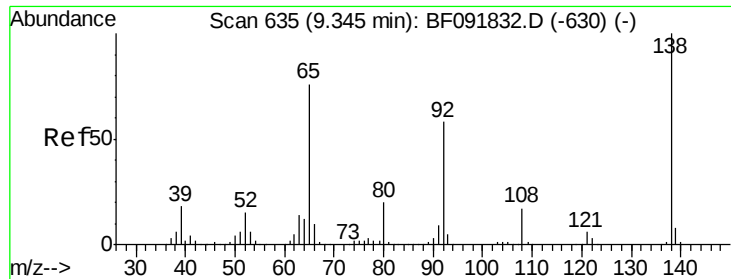
#46
 2-Chloronaphthalene
 Concen: 2.09 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:	162	Resp:	64174
Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.7	46.1
164	31.9	27.6	41.4



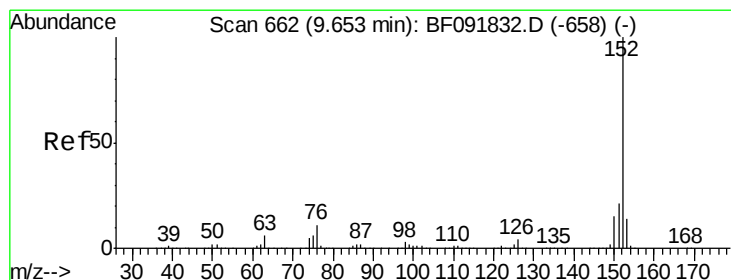
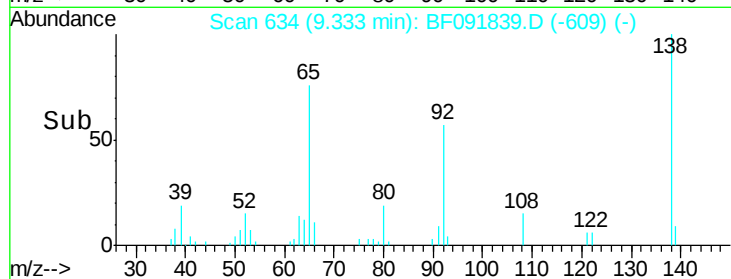
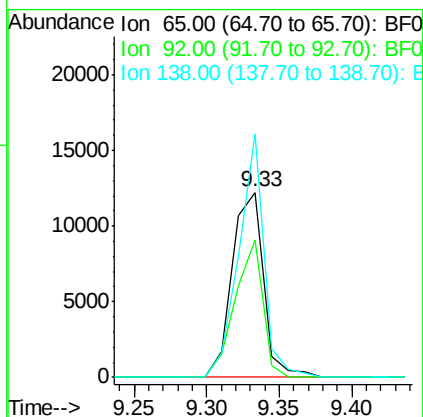
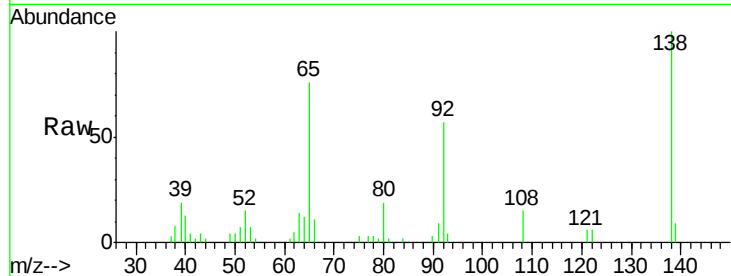
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





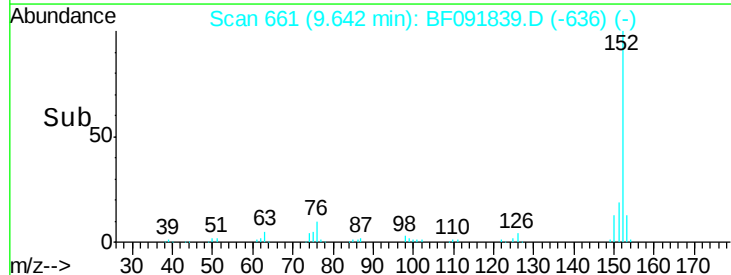
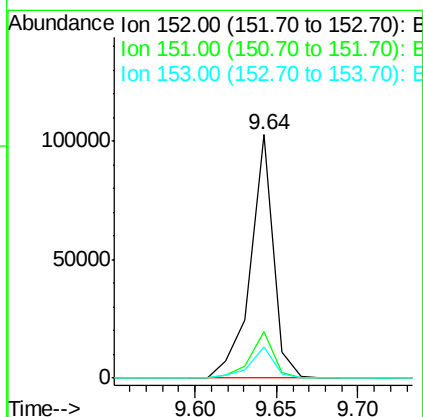
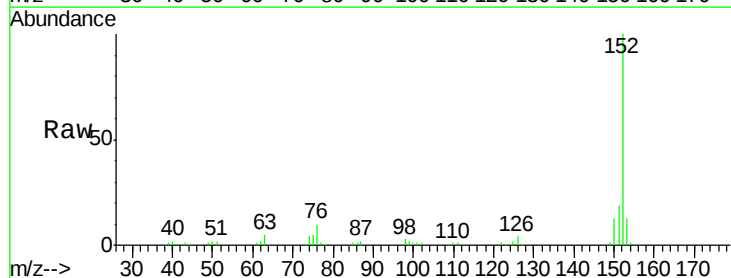
#47
2-Nitroaniline
Concen: 1.68 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

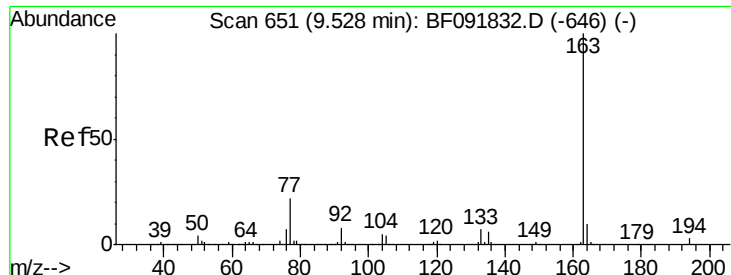
Tgt Ion: 65 Resp: 18395
Ion Ratio Lower Upper
65 100
92 74.6 53.9 80.9
138 131.8 76.8 115.2#



#48
Acenaphthylene
Concen: 2.12 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

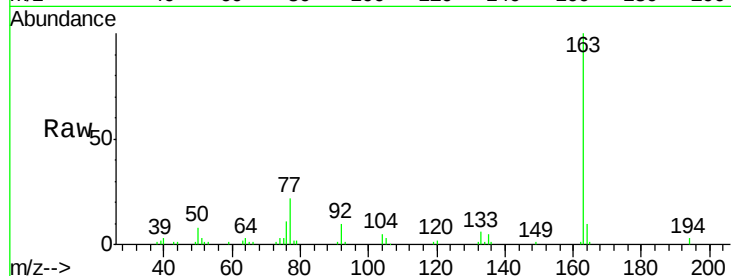
Tgt Ion: 152 Resp: 100145
Ion Ratio Lower Upper
152 100
151 19.3 16.9 25.3
153 13.0 11.4 17.2



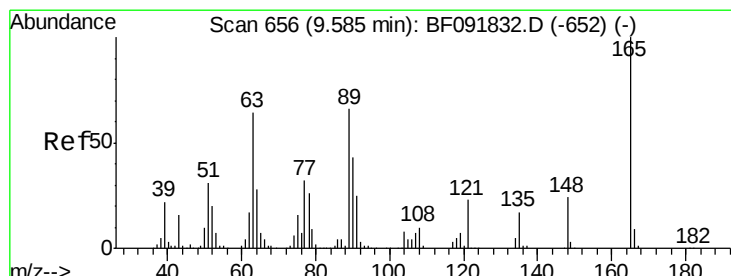
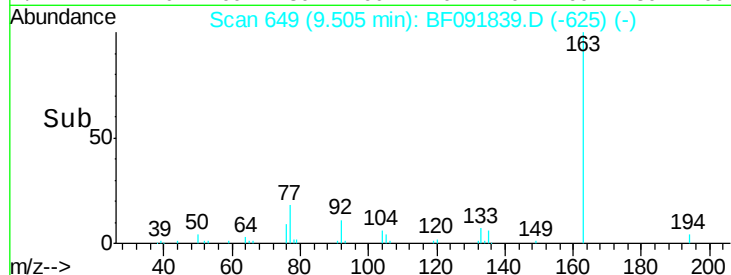
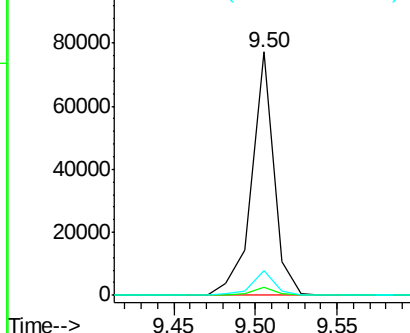


#49
Dimethylphthalate
Concen: 2.02 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:163 Resp: 73220
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.9 8.0 12.0

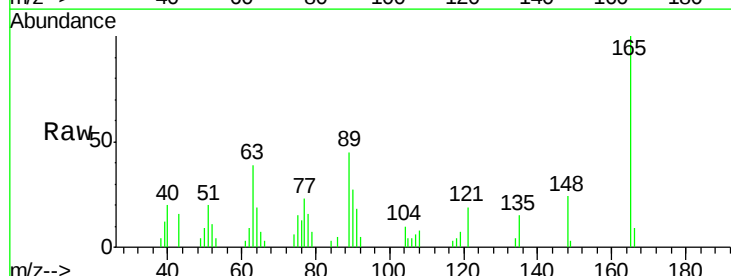


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

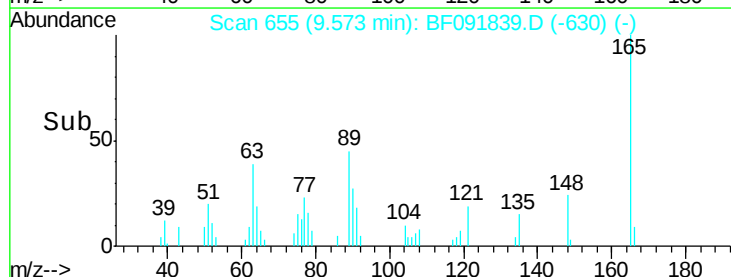
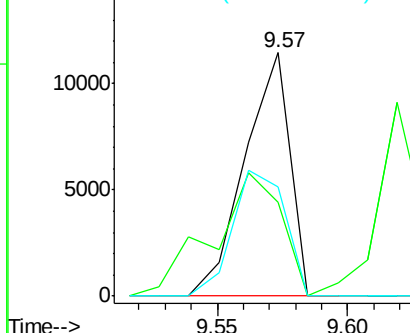


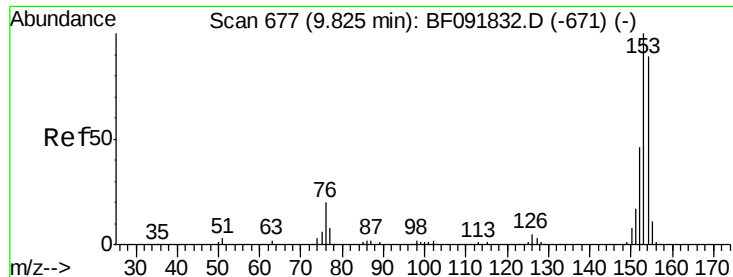
#50
2,6-Dinitrotoluene
Concen: 1.75 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:165 Resp: 13930
Ion Ratio Lower Upper
165 100
63 38.6 36.2 54.4
89 44.9 40.2 60.4



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





#51

Acenaphthene

Concen: 2.06 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

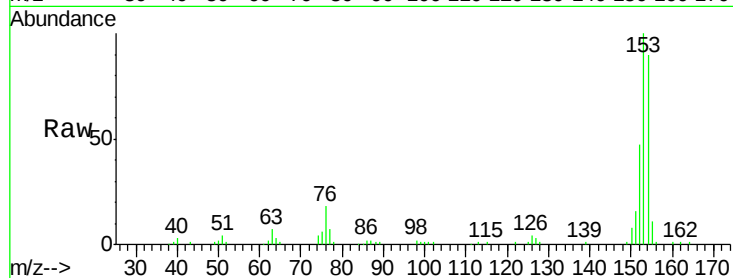
Tgt Ion:154 Resp: 65965

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

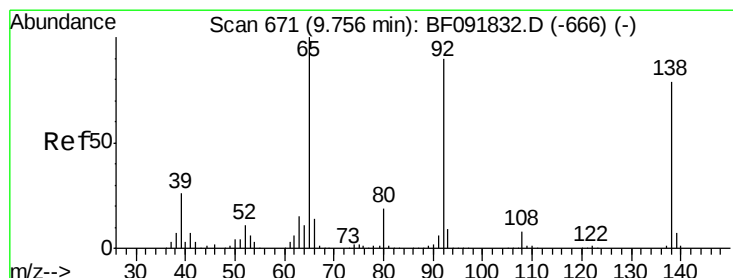
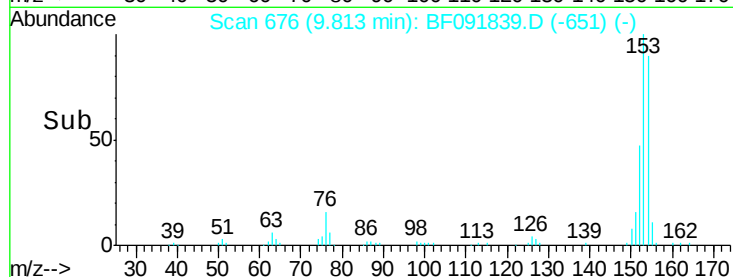
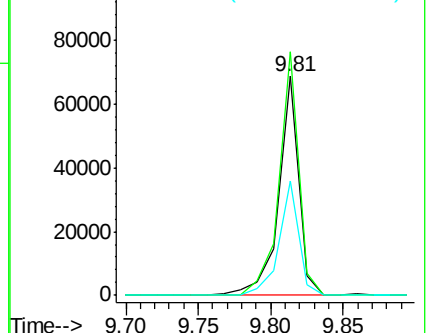
152 52.0 41.6 62.4



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: 1.73 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

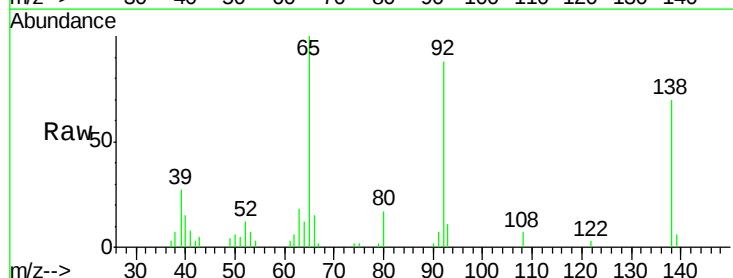
Tgt Ion:138 Resp: 17055

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

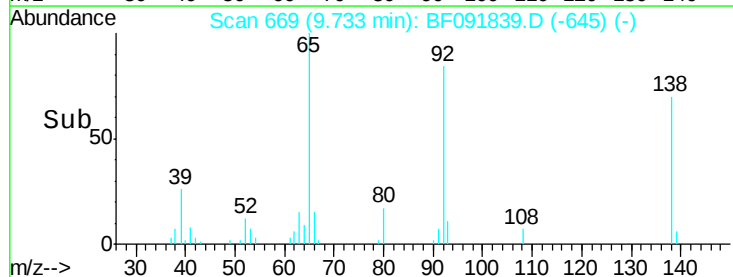
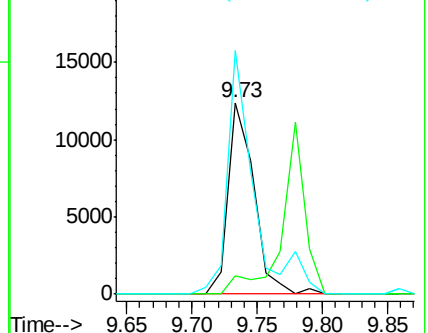
92 127.0 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

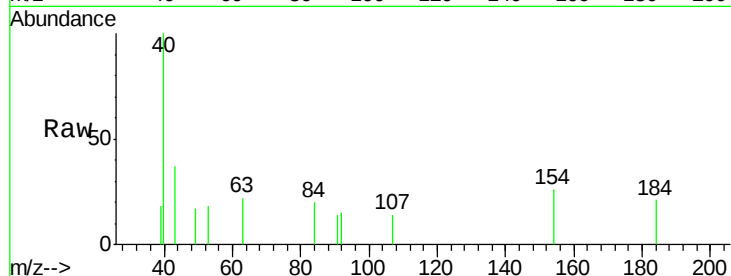
Ion 92.00 (91.70 to 92.70): BF0



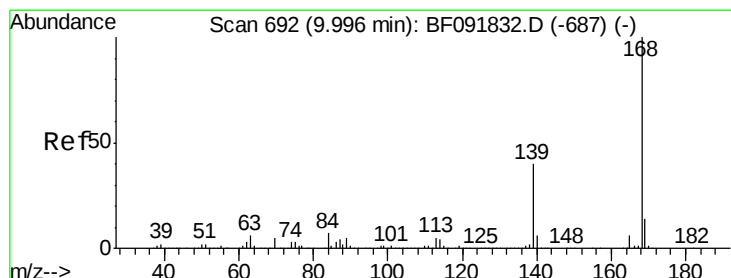
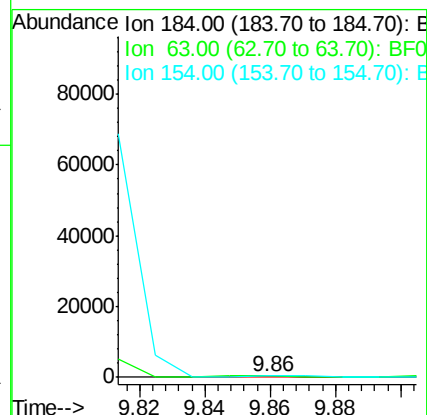
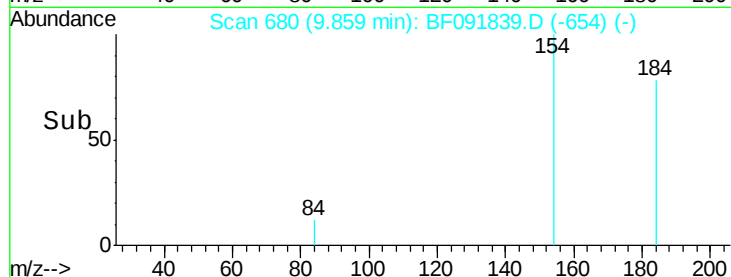


#53
2,4-Dinitrophenol
Concen: 0.07 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:184 Resp: 312
Ion Ratio Lower Upper
184 100
63 105.5 28.4 42.6#
154 128.6 44.3 66.5#

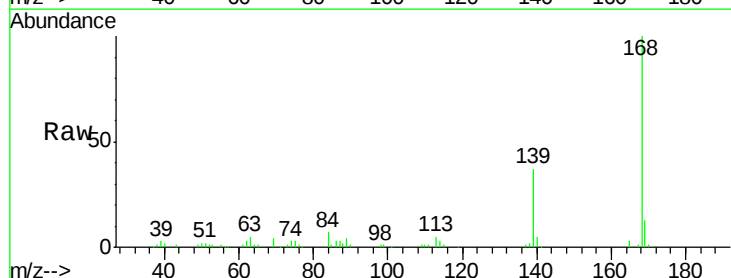


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

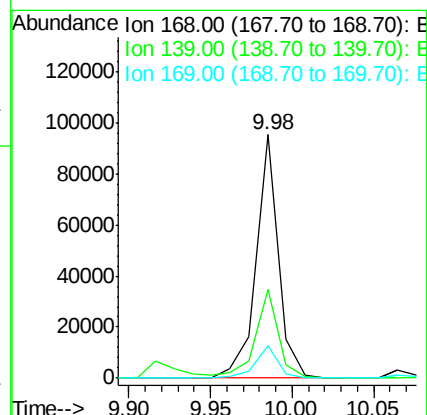
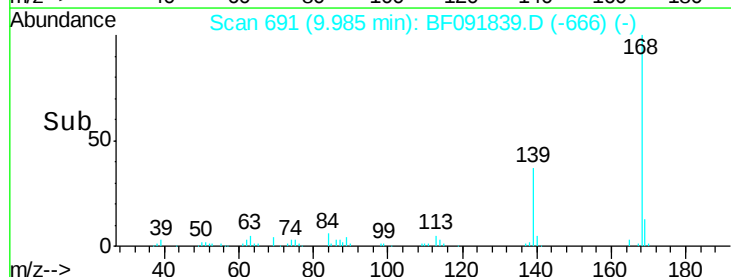


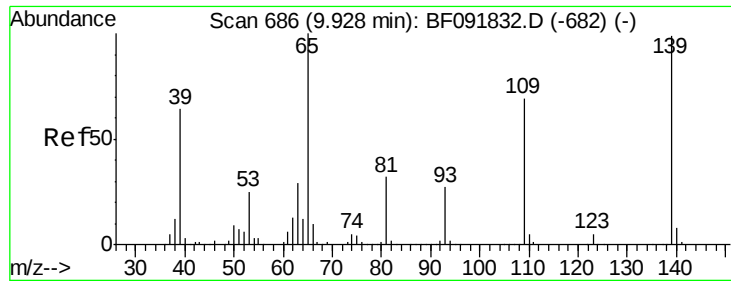
#54
Dibenzofuran
Concen: 2.09 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:168 Resp: 90528
Ion Ratio Lower Upper
168 100
139 36.7 32.6 49.0
169 13.2 11.3 16.9



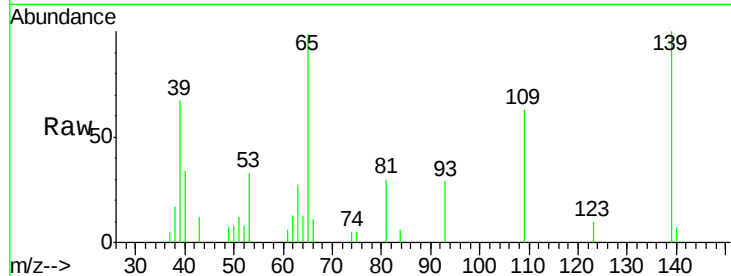
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



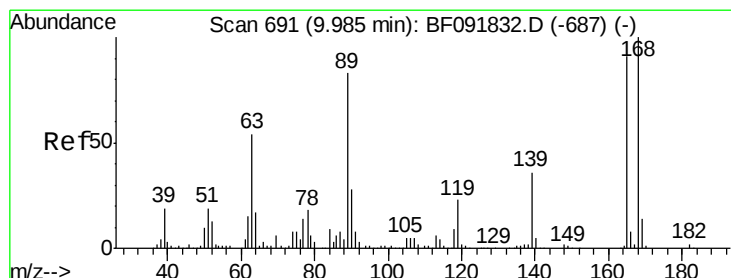
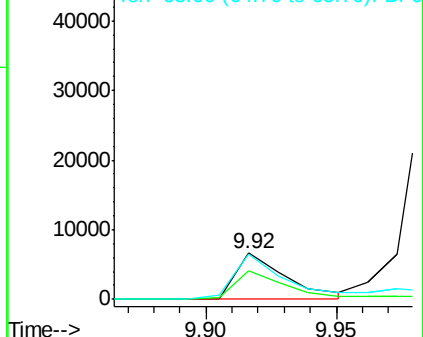
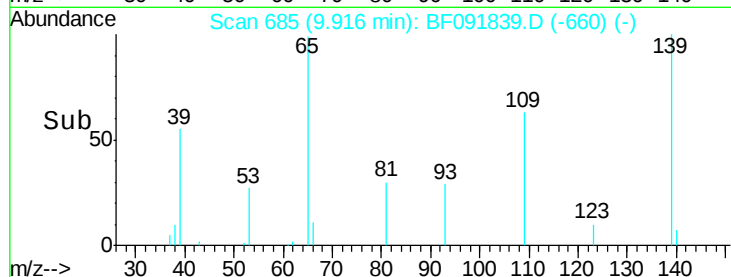


#55
4-Nitrophenol
Concen: 1.34 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:139 Resp: 8944
Ion Ratio Lower Upper
139 100
109 63.3 52.2 92.2
65 98.8 85.8 125.8

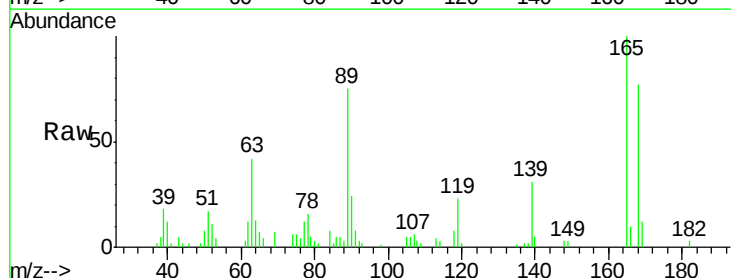


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

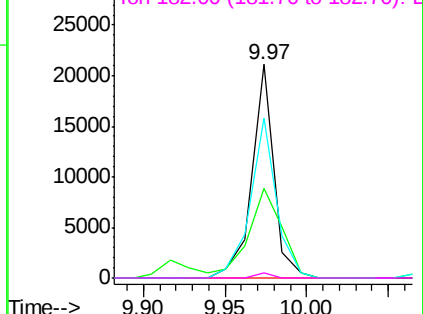
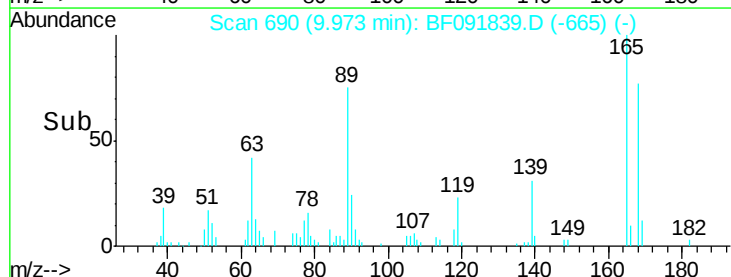


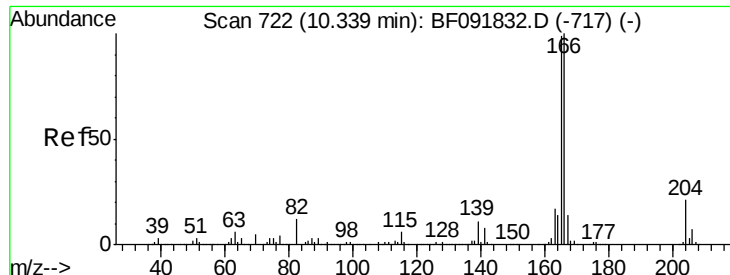
#56
2,4-Dinitrotoluene
Concen: 1.99 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:165 Resp: 19831
Ion Ratio Lower Upper
165 100
63 42.2 40.2 60.4
89 75.1 62.5 93.7
182 2.7 1.8 2.8



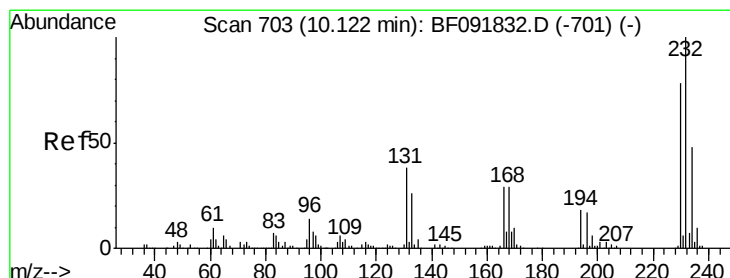
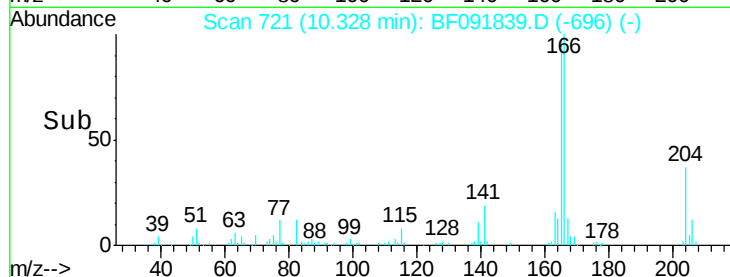
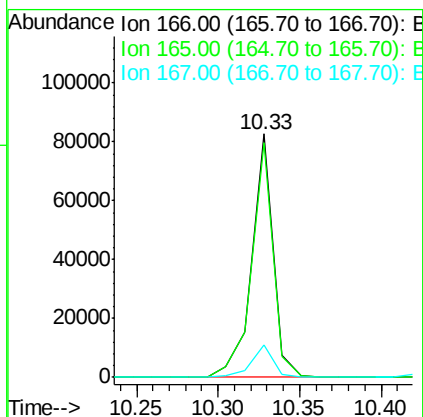
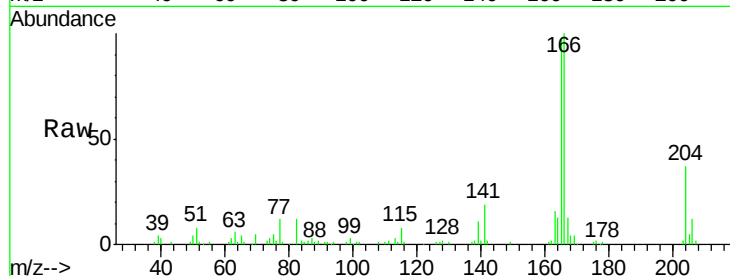
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





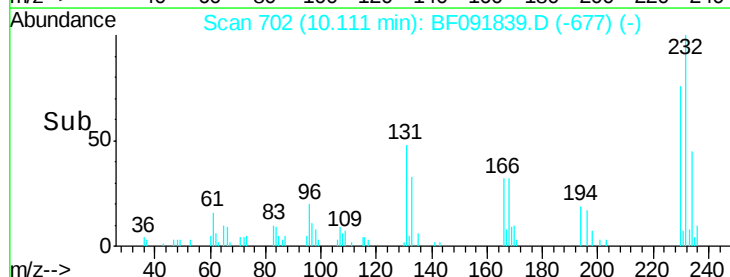
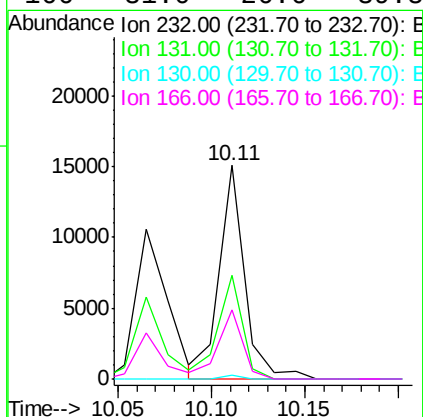
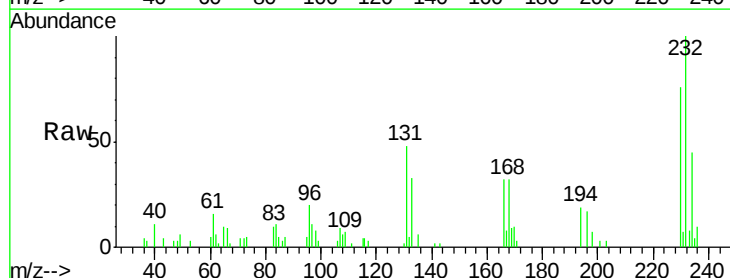
#57
 Fluorene
 Concen: 2.39 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

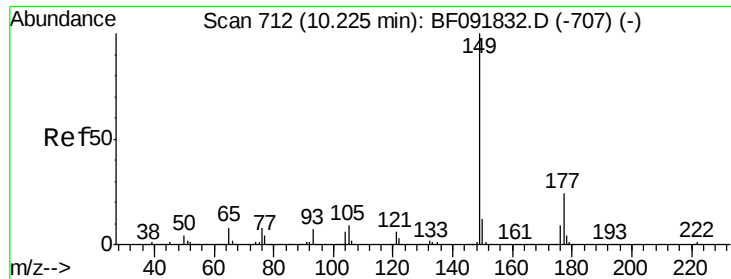
Tgt Ion:166 Resp: 75300
 Ion Ratio Lower Upper
 166 100
 165 96.6 77.8 116.8
 167 13.3 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.76 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

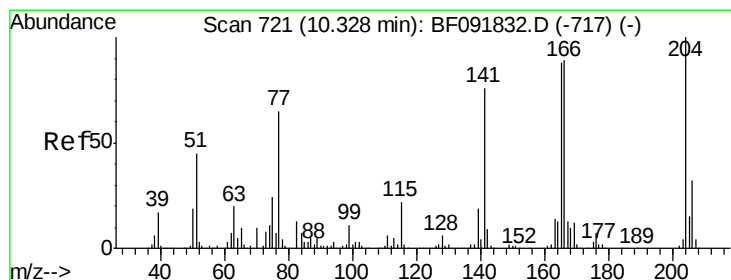
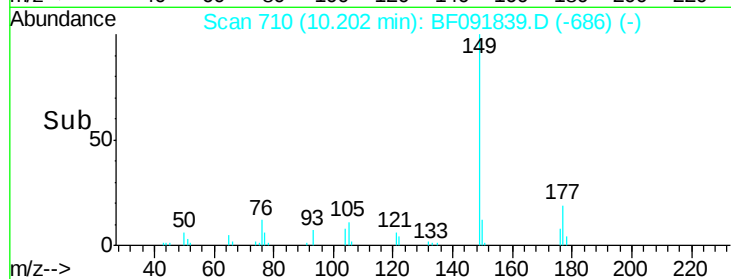
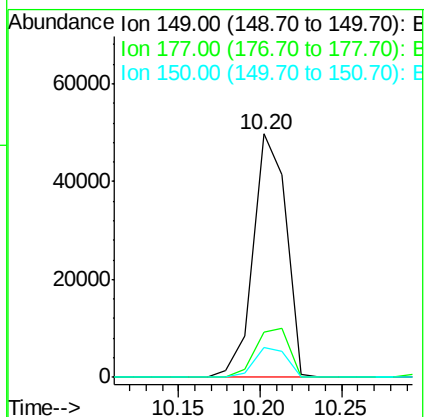
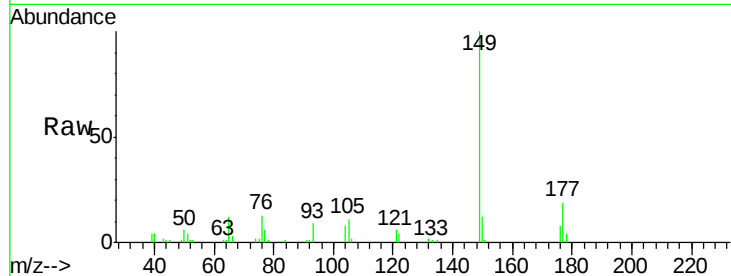
Tgt Ion:232 Resp: 14364
 Ion Ratio Lower Upper
 232 100
 131 46.4 40.1 60.1
 130 1.5 1.8 2.8#
 166 31.0 26.6 39.8





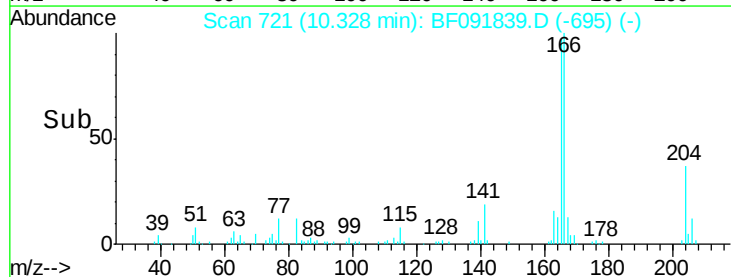
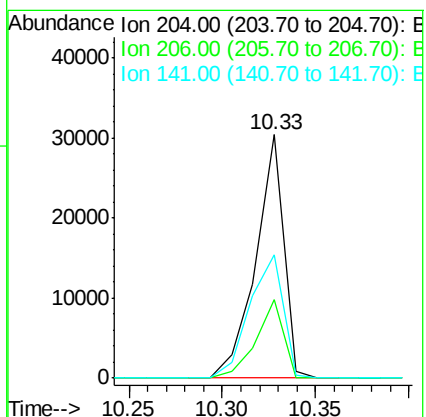
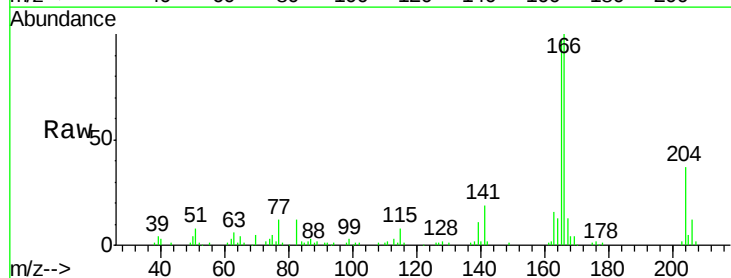
#59
Diethylphthalate
Concen: 1.98 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

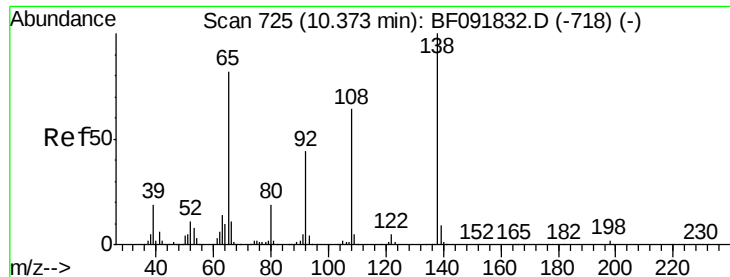
Tgt Ion:149 Resp: 69743
Ion Ratio Lower Upper
149 100
177 18.6 16.6 25.0
150 12.0 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 2.28 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion:204 Resp: 31513
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 50.4 59.4 89.0#





#61

4-Nitroaniline

Concen: 1.69 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

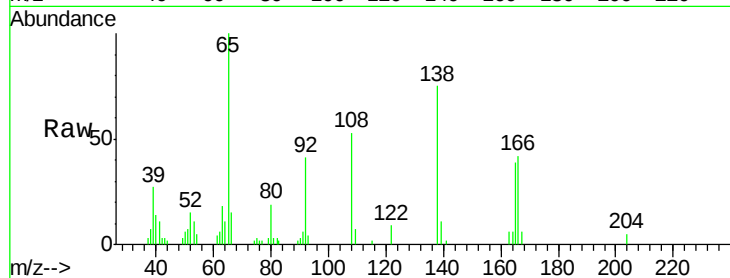
Tgt Ion: 138 Resp: 17265

Ion Ratio Lower Upper

138 100

92 55.1 31.7 71.7

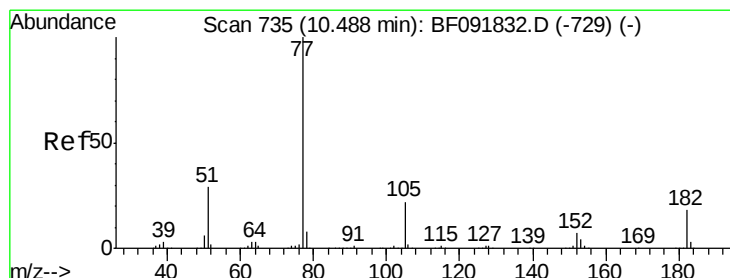
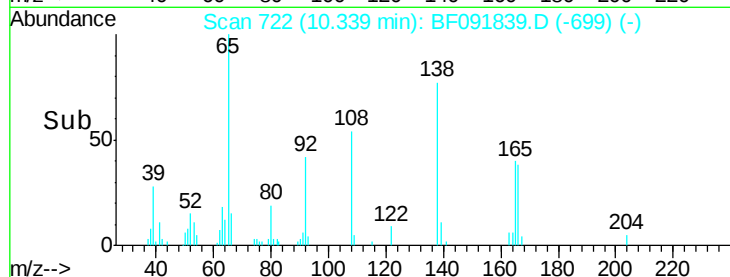
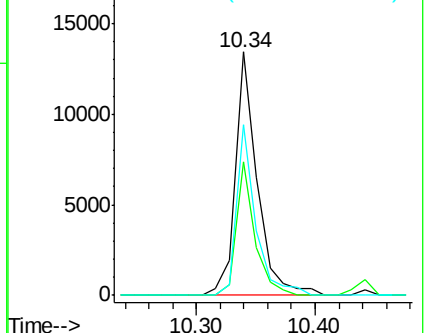
108 70.2 52.6 92.6



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: 1.95 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

Tgt Ion: 77 Resp: 75587

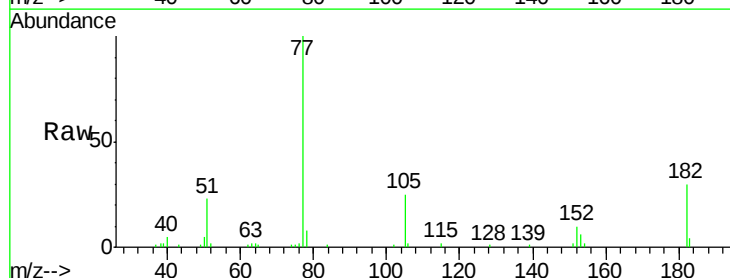
Ion Ratio Lower Upper

77 100

182 30.2 0.0 39.3

105 25.5 2.3 42.3

51 23.1 8.9 48.9

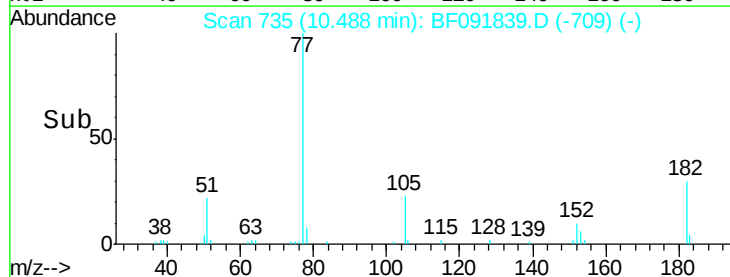
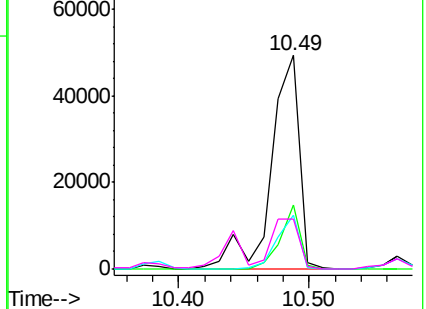


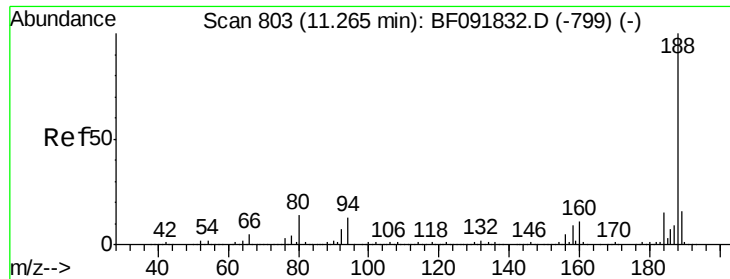
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

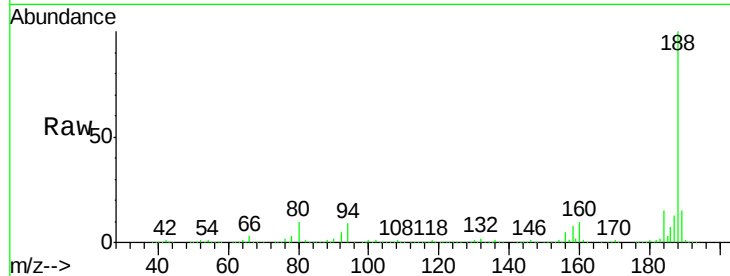
Ion 51.00 (50.70 to 51.70): BF0



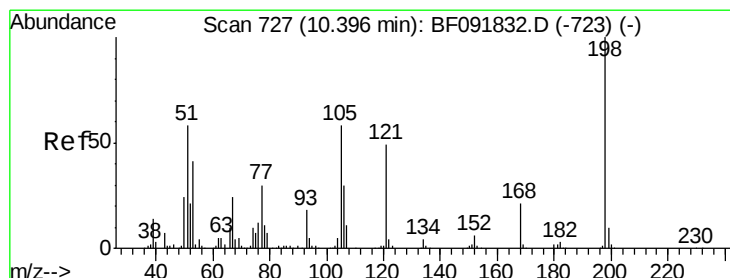
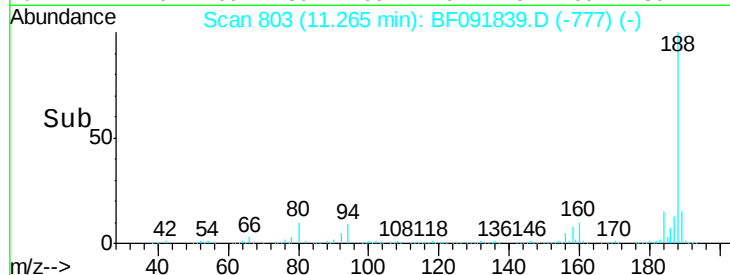
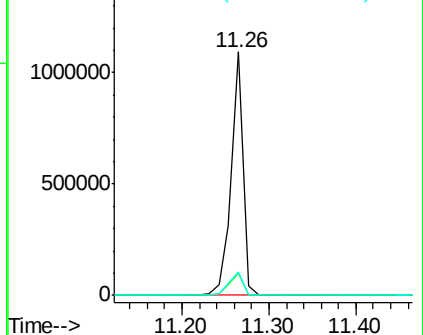


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:188 Resp: 1040160
 Ion Ratio Lower Upper
 188 100
 94 9.1 10.0 15.0#
 80 9.8 11.2 16.8#

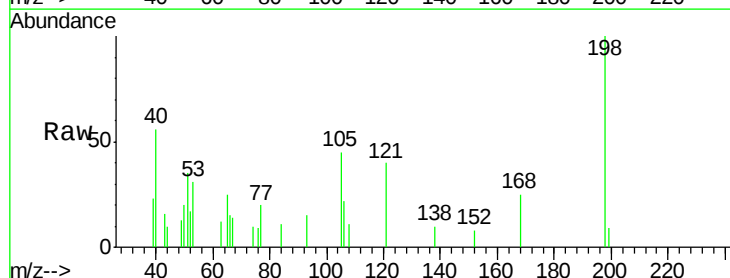


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

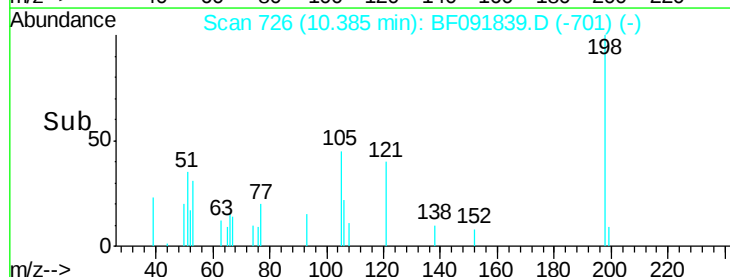
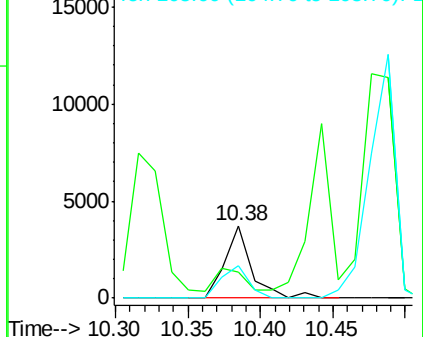


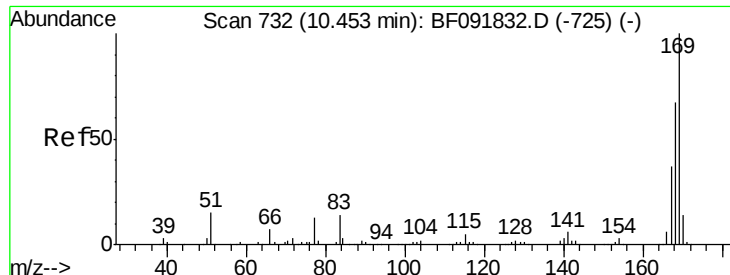
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.75 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:198 Resp: 4738
 Ion Ratio Lower Upper
 198 100
 51 35.2 6.7 46.7
 105 45.0 16.6 56.6



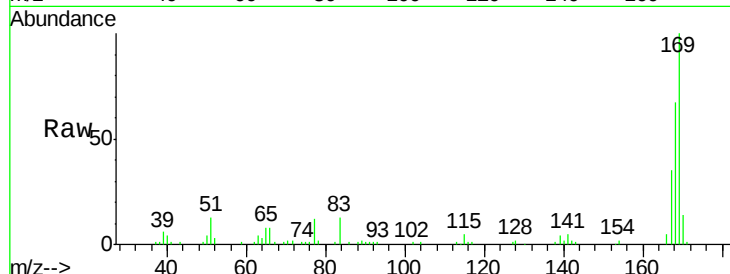
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E



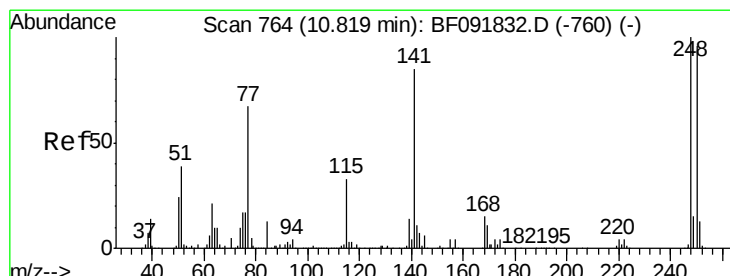
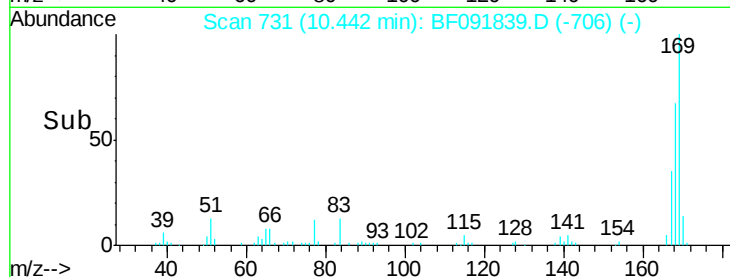
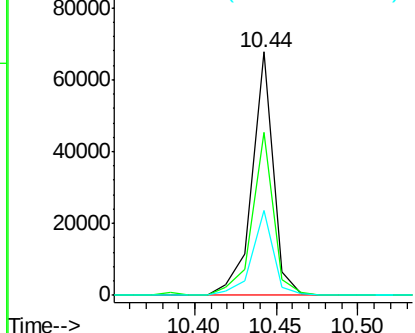


#65
 n-Nitrosodiphenylamine
 Concen: 1.98 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Resp	Ratio	Lower	Upper
169	61062	100		
168		66.8	54.2	81.2
167		34.7	30.2	45.4

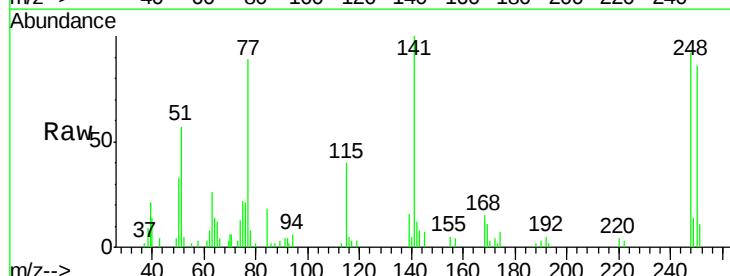


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

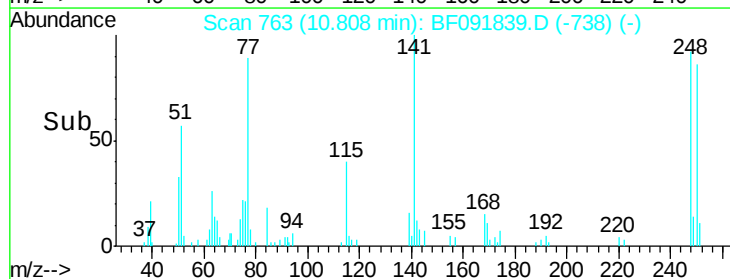
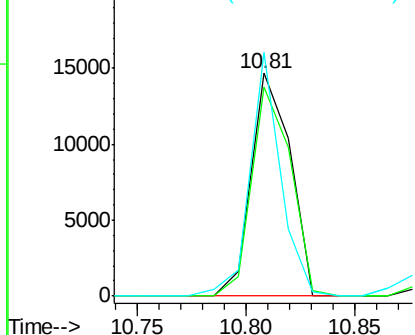


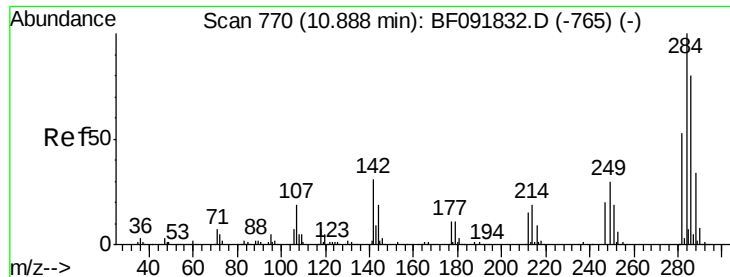
#66
 4-Bromophenyl-phenylether
 Concen: 1.69 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Resp	Ratio	Lower	Upper
248	18281	100		
250		94.0	76.9	115.3
141		109.2	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: 1.83 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

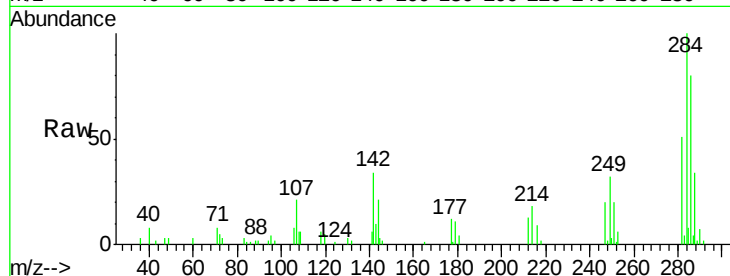
Tgt Ion: 284 Resp: 21191

Ion Ratio Lower Upper

284 100

142 34.4 22.6 33.8#

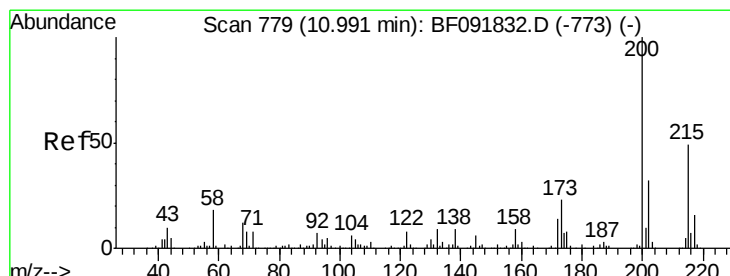
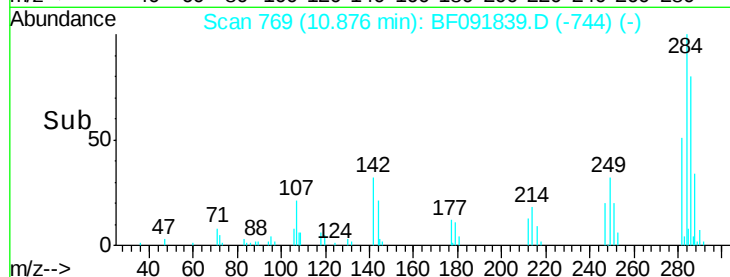
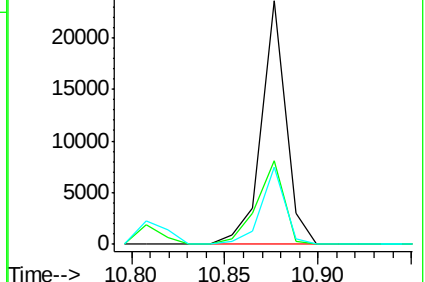
249 31.9 25.4 38.0



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: 1.41 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

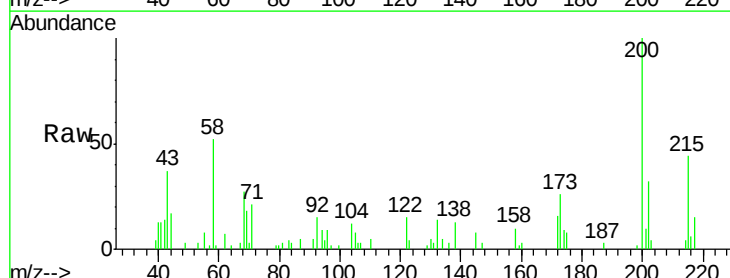
Tgt Ion: 200 Resp: 14015

Ion Ratio Lower Upper

200 100

173 25.6 9.6 49.6

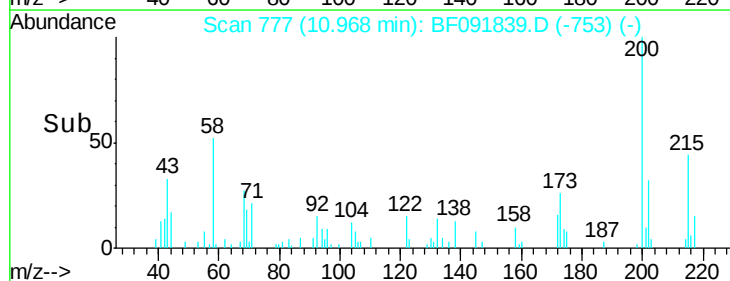
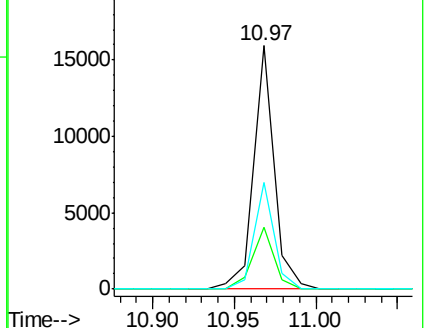
215 44.1 25.7 65.7

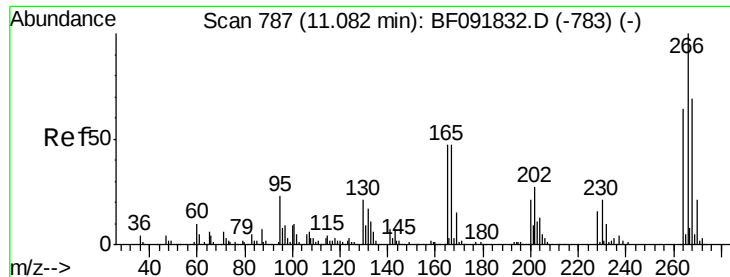


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

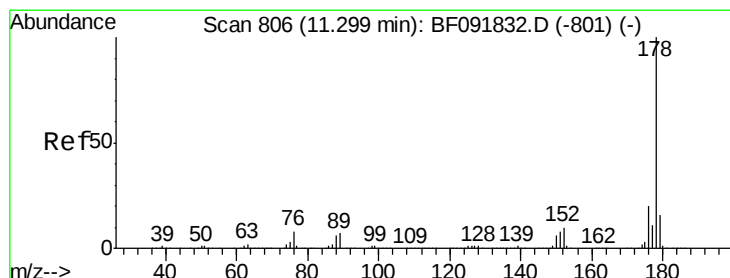
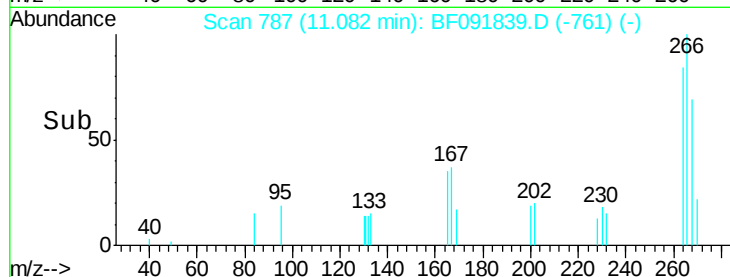
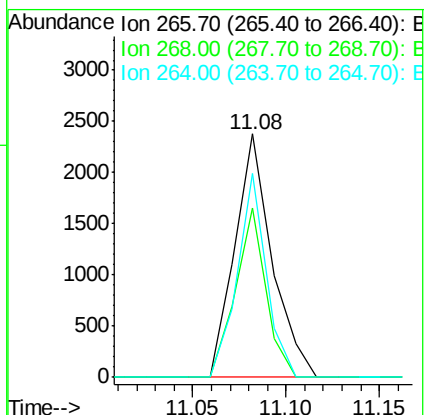
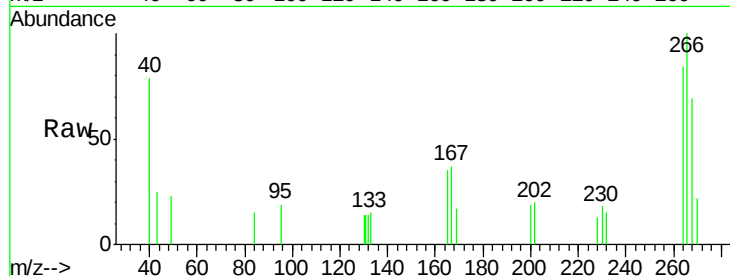
Ion 215.00 (214.70 to 215.70): E





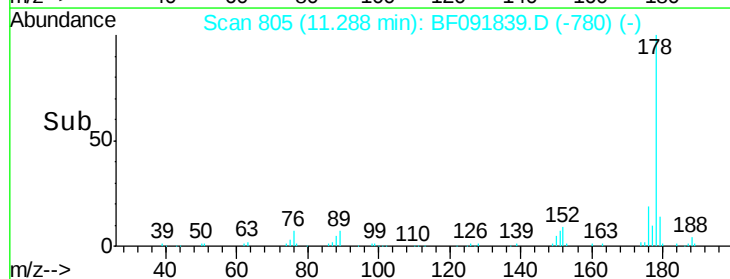
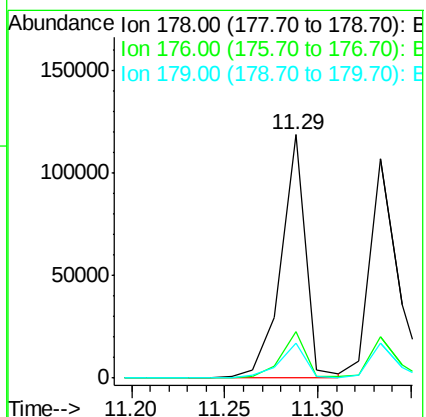
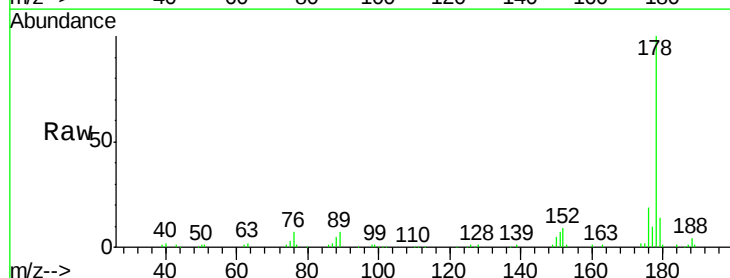
#69
 Pentachlorophenol
 Concen: 0.58 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

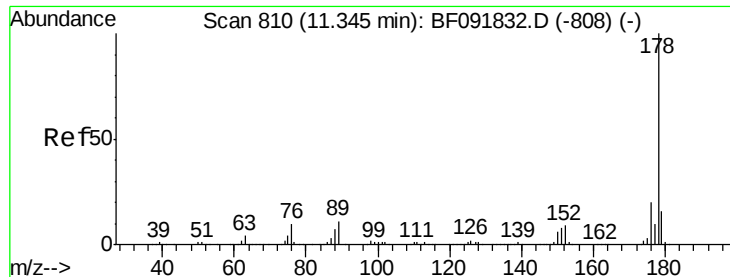
Tgt Ion: 266 Resp: 3300
 Ion Ratio Lower Upper
 266 100
 268 69.4 53.3 79.9
 264 83.5 50.3 75.5#



#70
 Phenanthrene
 Concen: 1.93 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

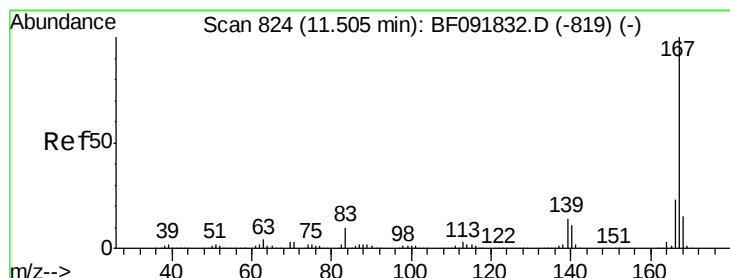
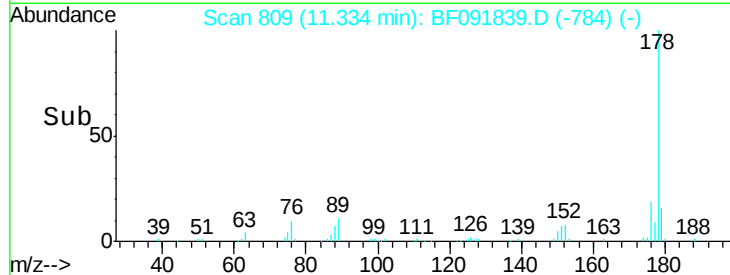
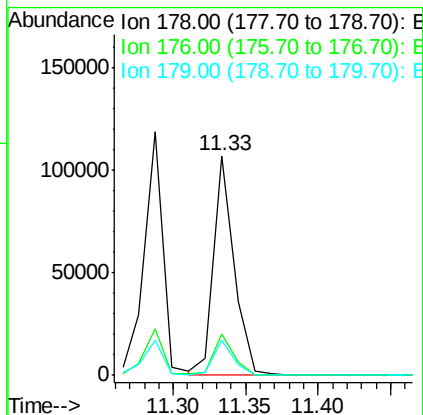
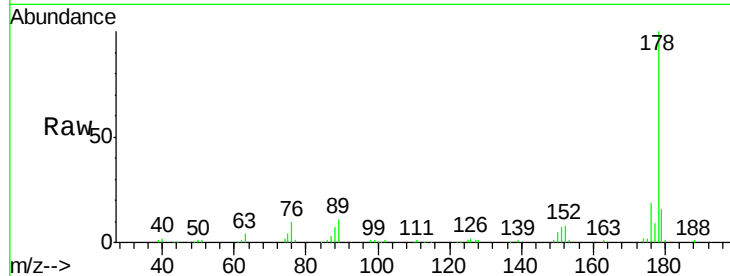
Tgt Ion: 178 Resp: 108752
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.6 25.0
 179 14.4 12.8 19.2





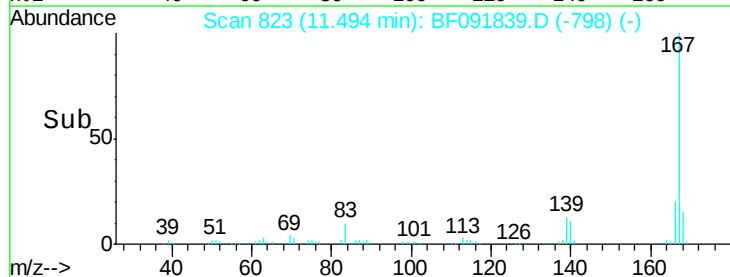
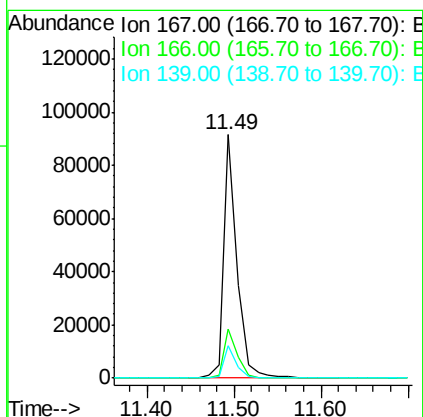
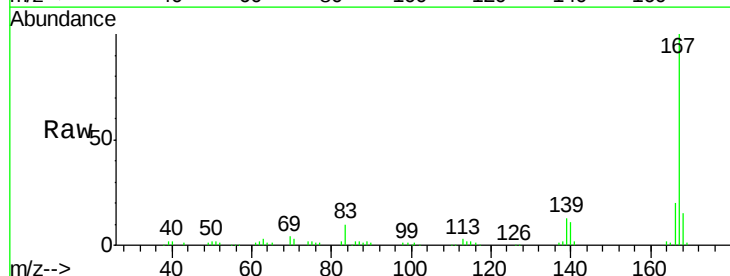
#71
 Anthracene
 Concen: 1.07 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:178 Resp: 105984
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 1.57 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:167 Resp: 97735
 Ion Ratio Lower Upper
 167 100
 166 20.4 18.2 27.2
 139 13.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: Below Cal

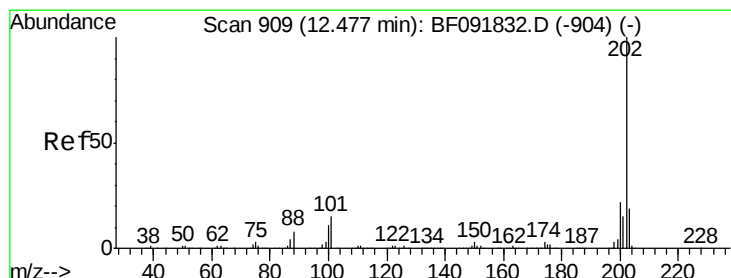
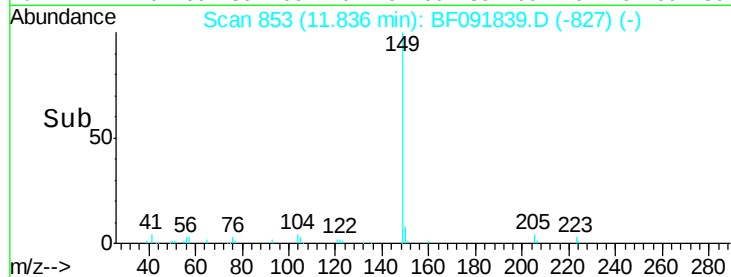
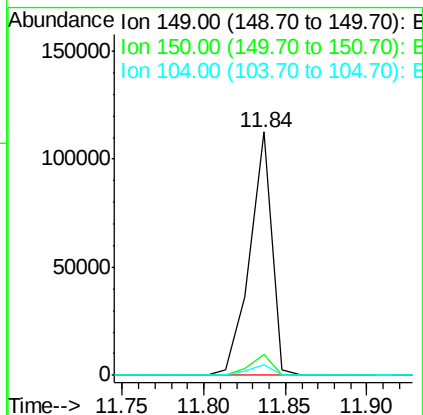
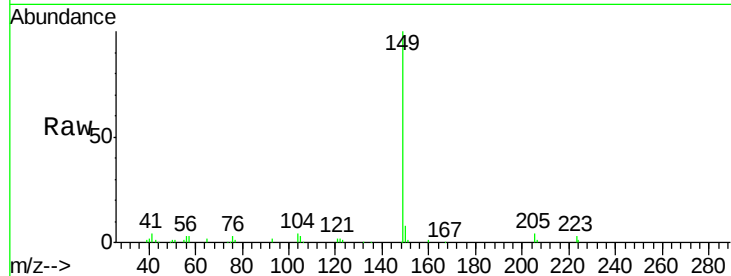
RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

Tgt Ion:	149	Resp:	106236
Ion	Ratio	Lower	Upper
149	100		
150	8.5	8.1	12.1
104	4.1	4.6	7.0#



#74

Fluoranthene

Concen: Below Cal

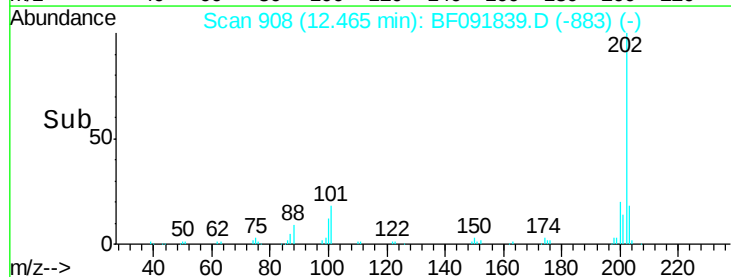
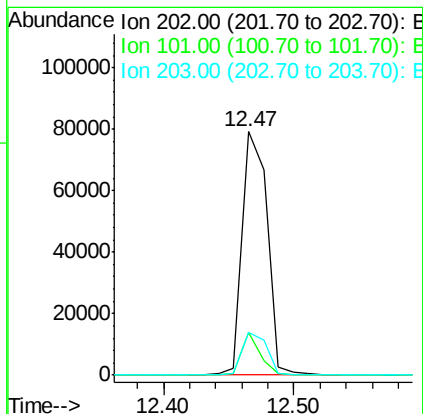
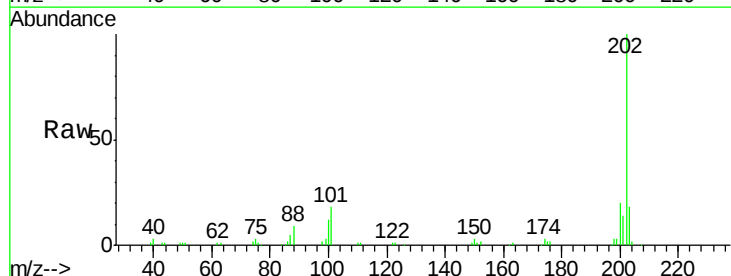
RT: 12.47 min Scan# 908

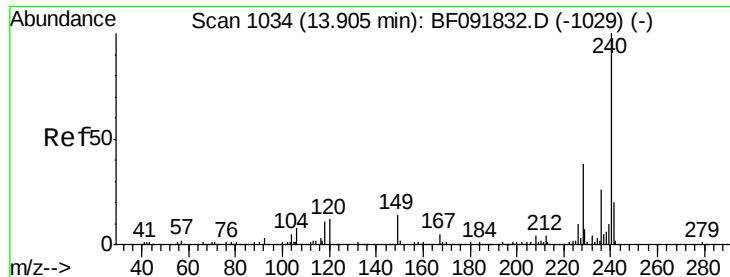
Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

Tgt Ion:	202	Resp:	104657
Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

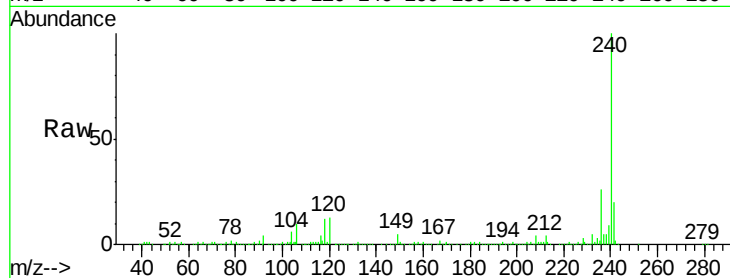
Tgt Ion: 240 Resp: 822293

Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.9	19.3
236	26.1	20.9	31.3

240 100

120 13.3 12.9 19.3

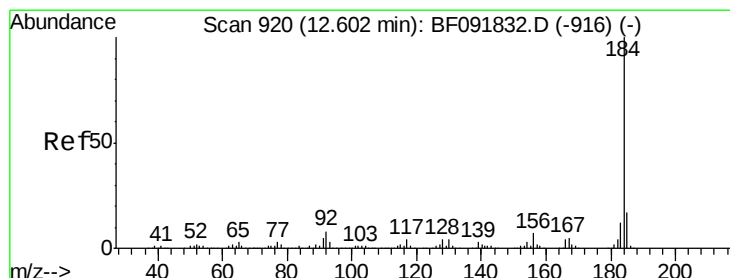
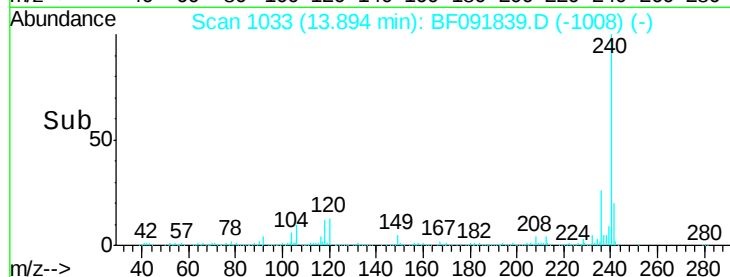
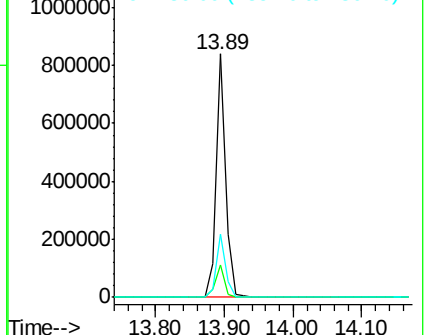
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

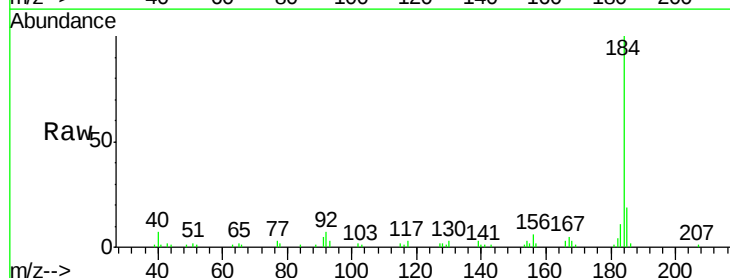
Tgt Ion: 184 Resp: 40719

Ion	Ratio	Lower	Upper
184	100		
185	18.7	13.4	20.0
183	10.9	9.2	13.8

184 100

185 18.7 13.4 20.0

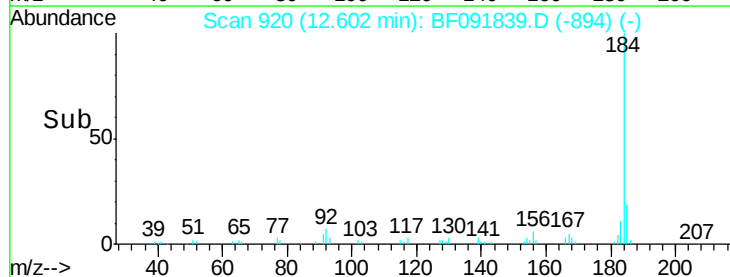
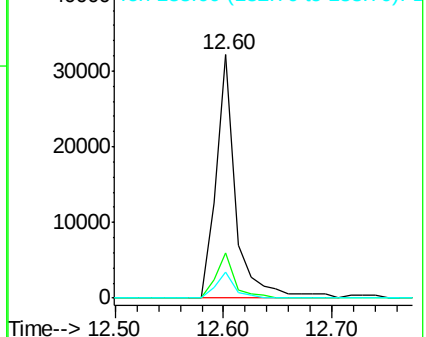
183 10.9 9.2 13.8

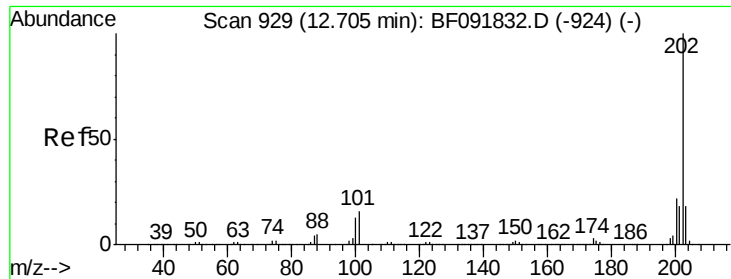


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

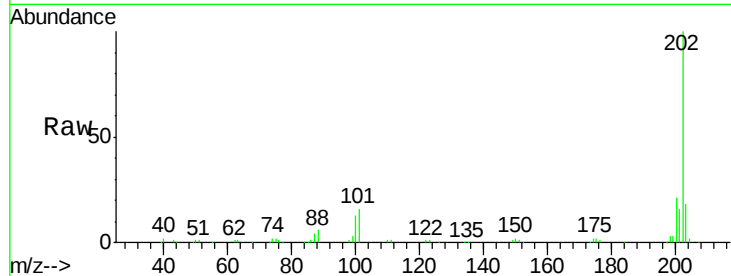
Ion 183.00 (182.70 to 183.70): E



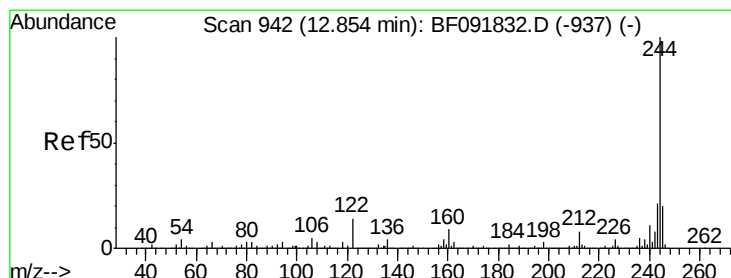
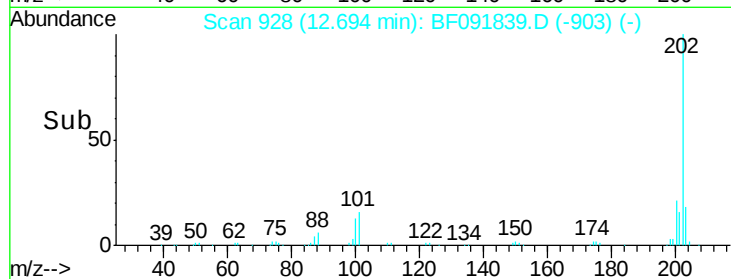
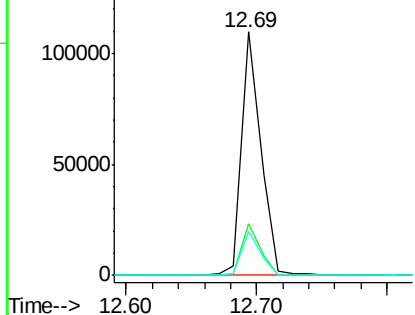


#77
 Pyrene
 Concen: 1.85 ng
 RT: 12.69 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:	202	Resp:	111634
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.1	14.7	22.1

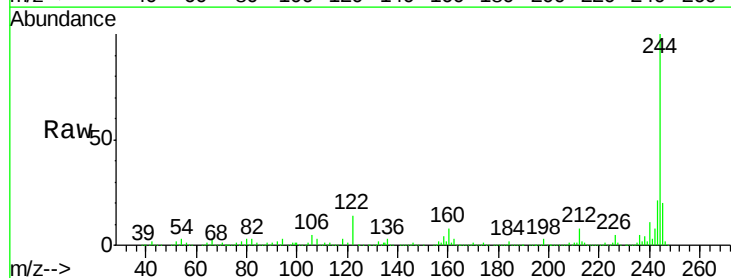


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

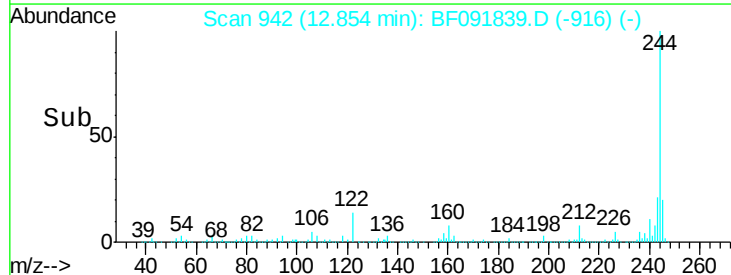
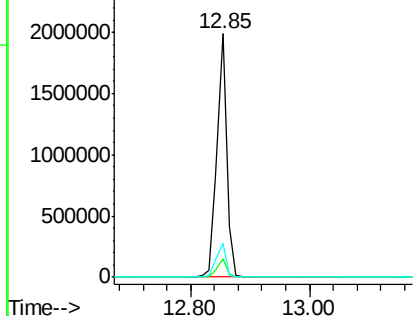


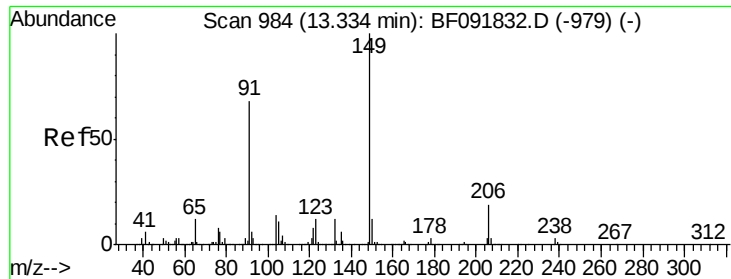
#78
 Terphenyl-d14
 Concen: 66.85 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:	244	Resp:	2266676
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.6	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: 1.58 ng

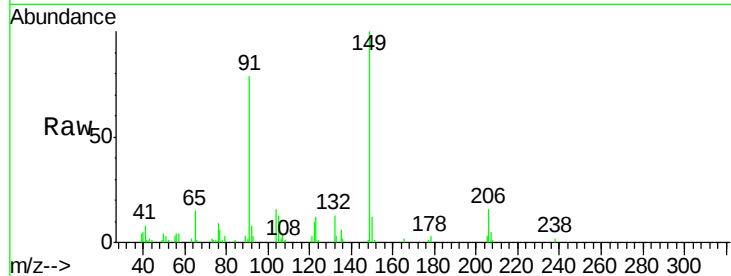
RT: 13.32 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

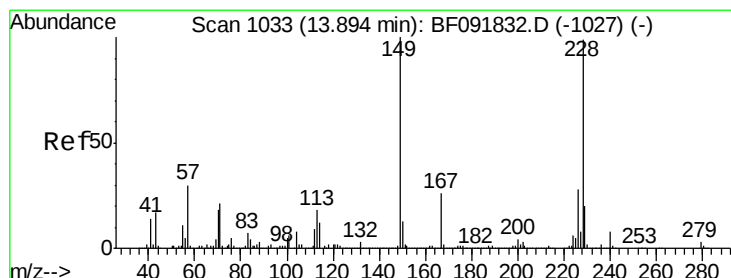
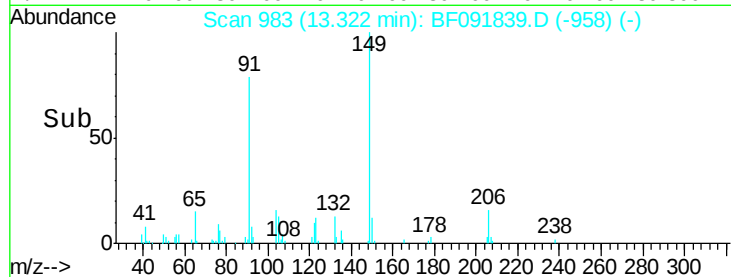
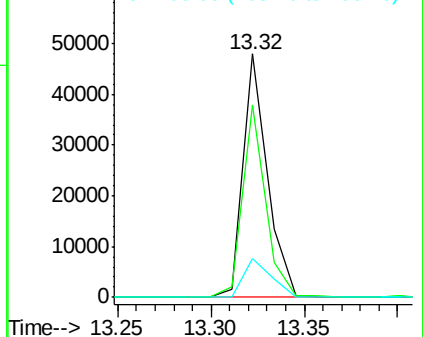
Tgt Ion:	149	Resp:	43472
Ion	Ratio	Lower	Upper
149	100		
91	79.0	63.9	95.9
206	16.0	14.6	21.8



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: 1.99 ng

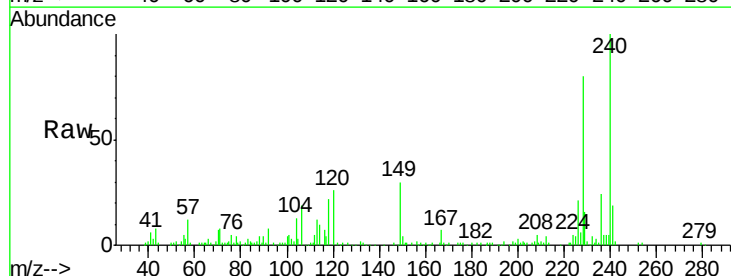
RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091839.D

Acq: 21 Dec 2016 17:55

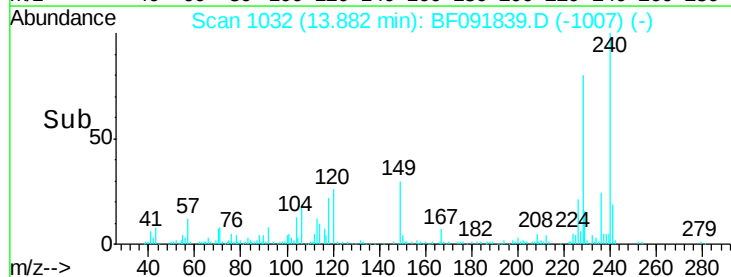
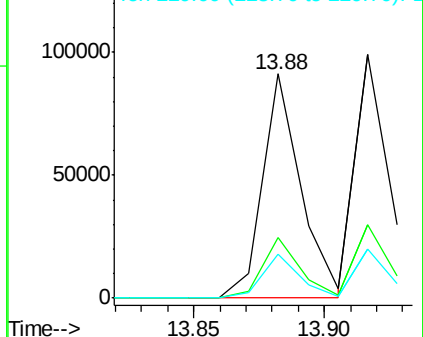
Tgt Ion:	228	Resp:	92354
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.4	33.6
229	19.5	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

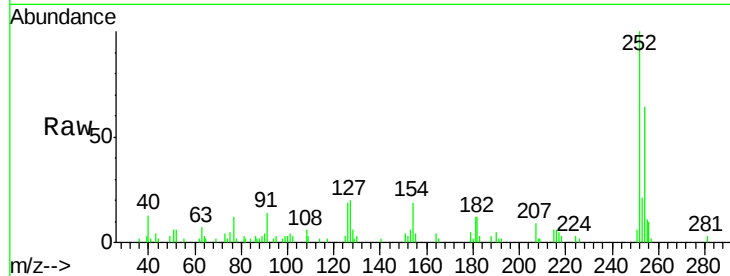
Ion 229.00 (228.70 to 229.70): E



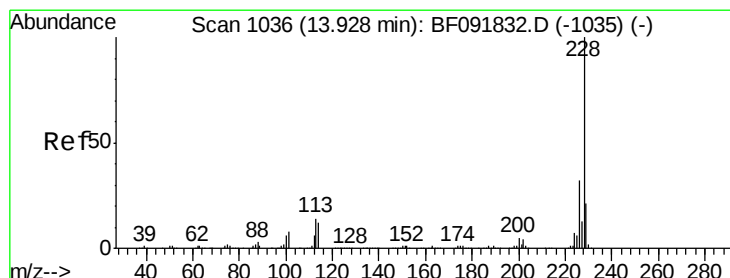
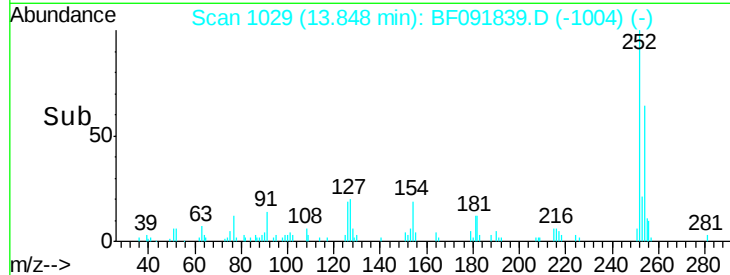
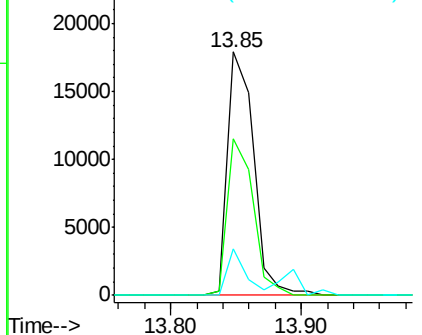


#81
 3,3'-Dichlorobenzidine
 Concen: 1.42 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:	252	Resp:	25040
Ion Ratio	Lower	Upper	
252	100		
254	64.1	52.3	78.5
126	18.9	13.6	20.4

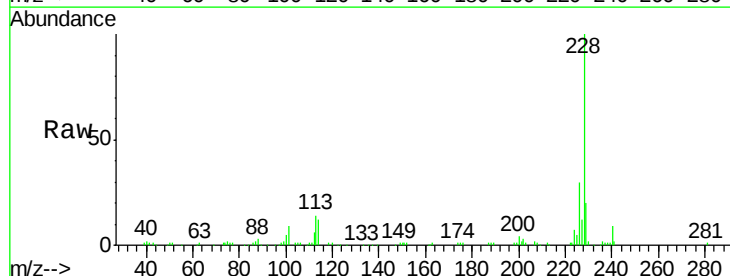


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

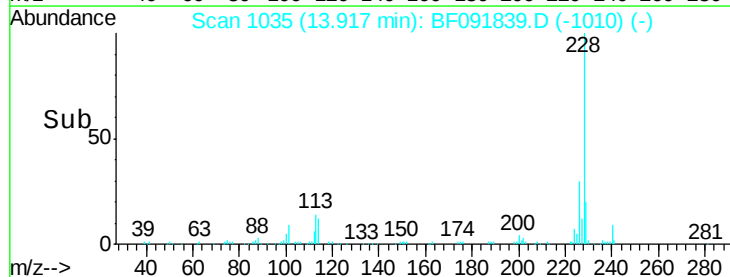
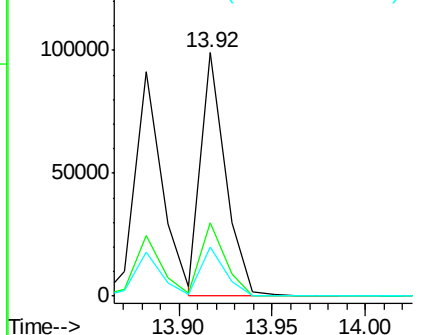


#82
 Chrysene
 Concen: 1.94 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:	228	Resp:	90233
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.4	38.0
229	20.0	16.2	24.2



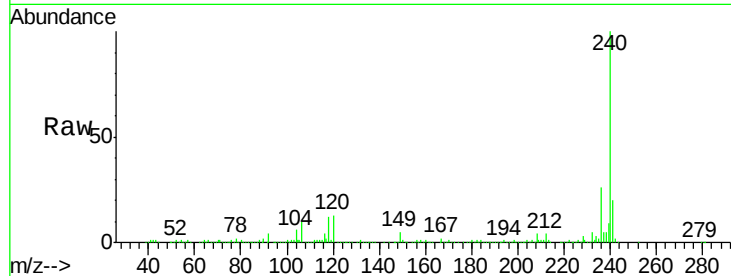
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



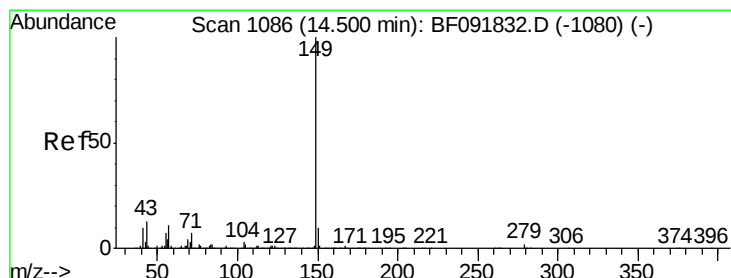
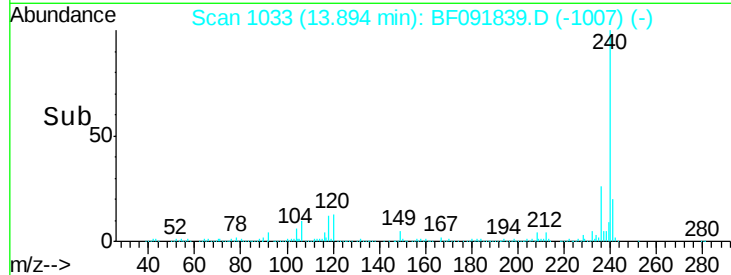
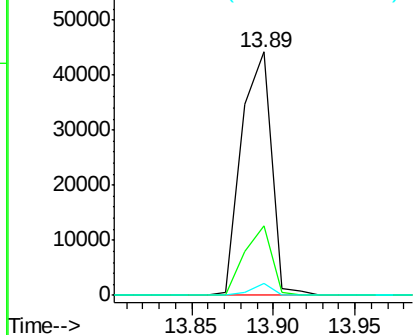


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.72 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	20.2	30.4
279	5.1	1.8	2.8#

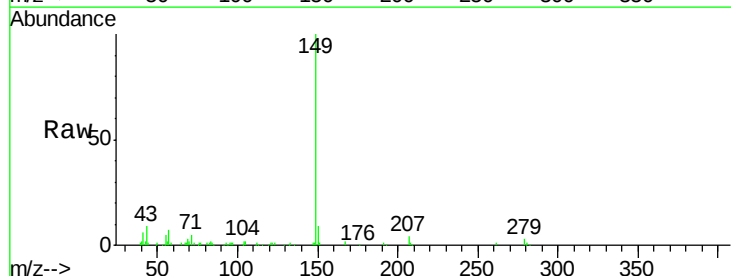


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

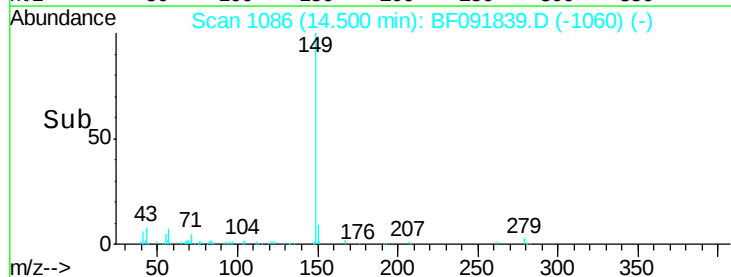
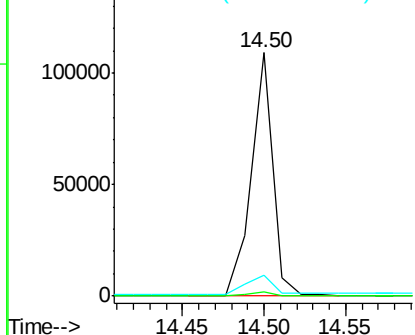


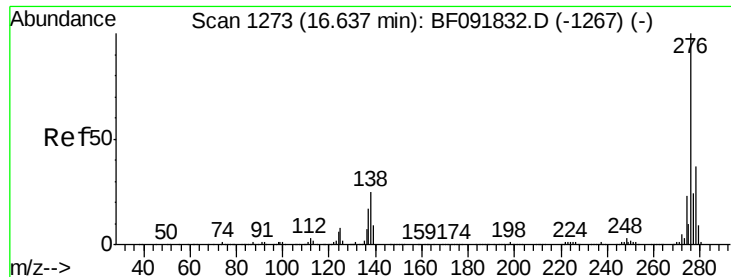
#84
 Di-n-octyl phthalate
 Concen: 1.67 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.0	8.9	13.3



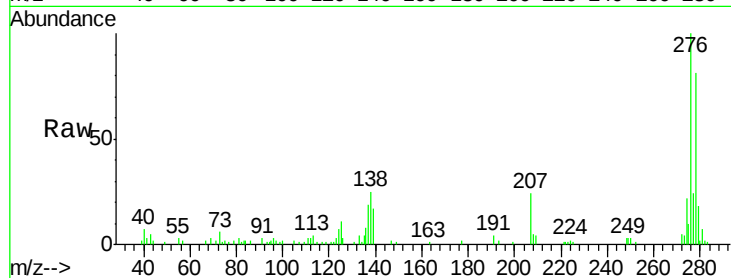
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



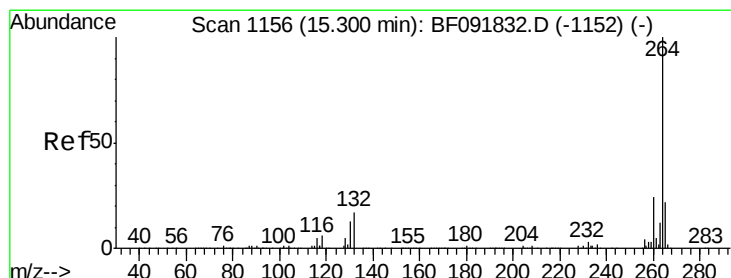
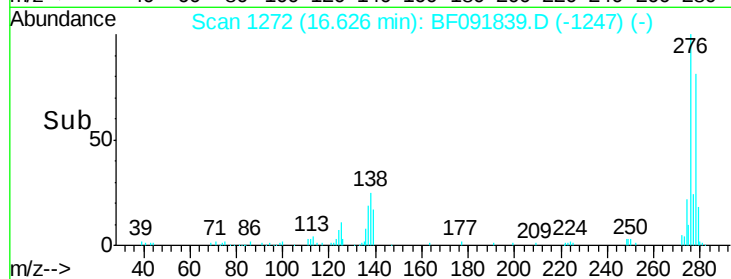
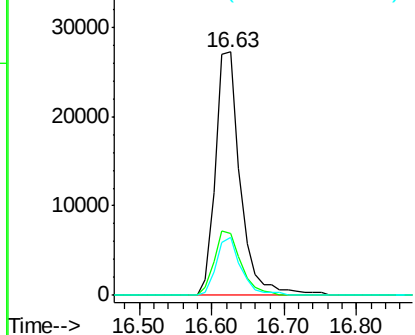


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.61 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.8	32.6
277	23.7	20.2	30.4

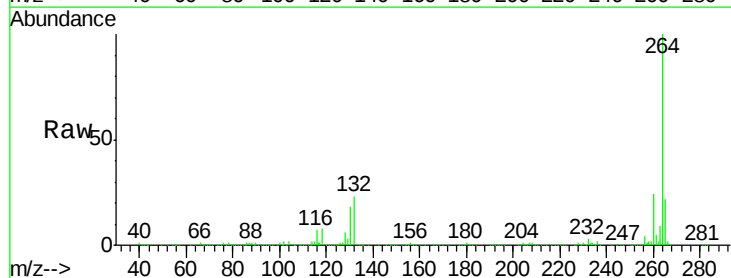


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

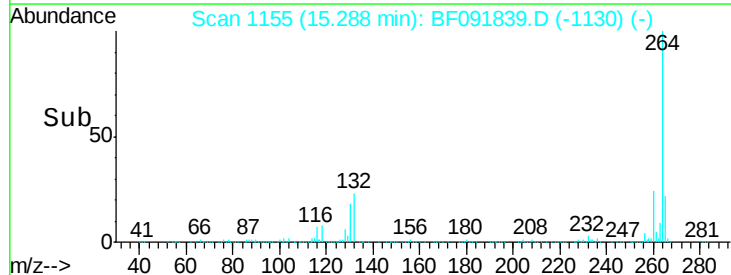
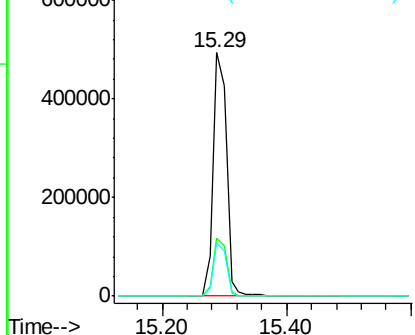


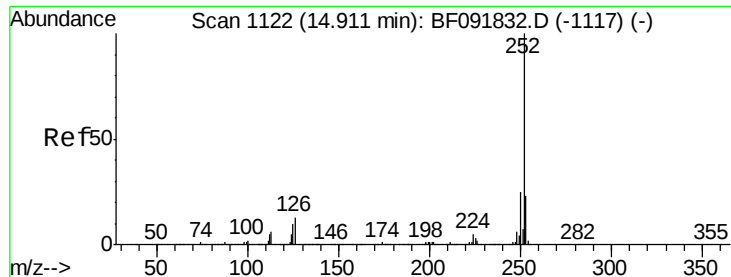
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.4	26.0



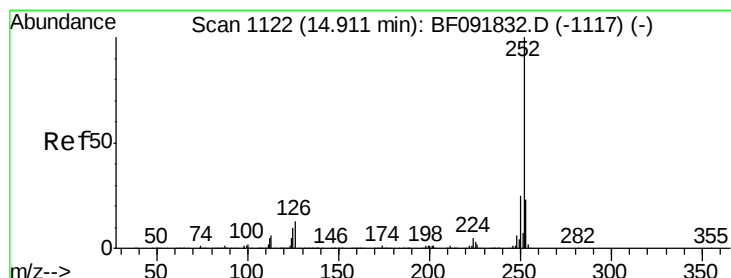
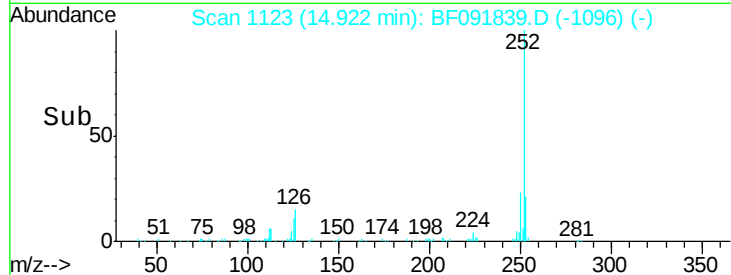
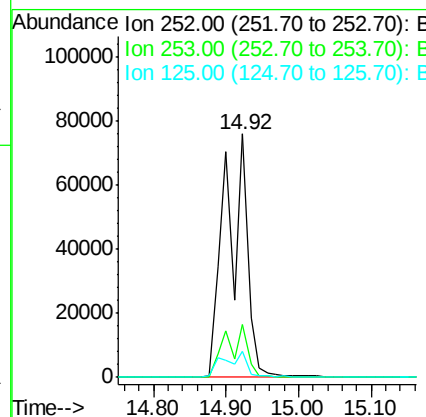
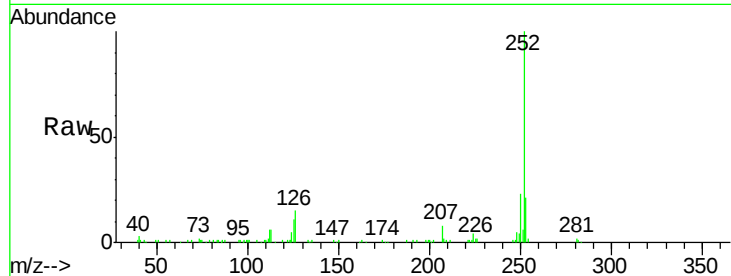
Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





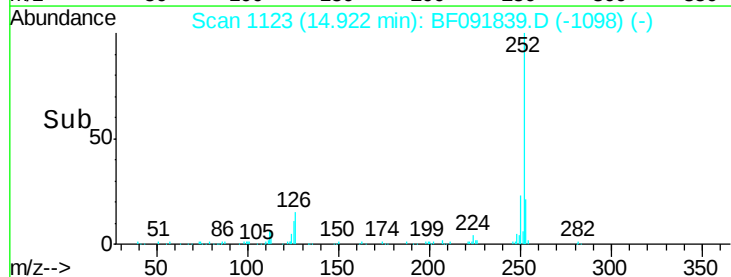
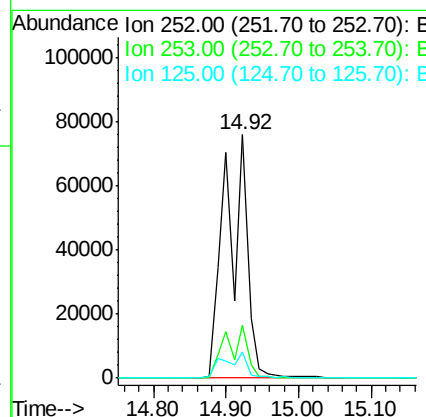
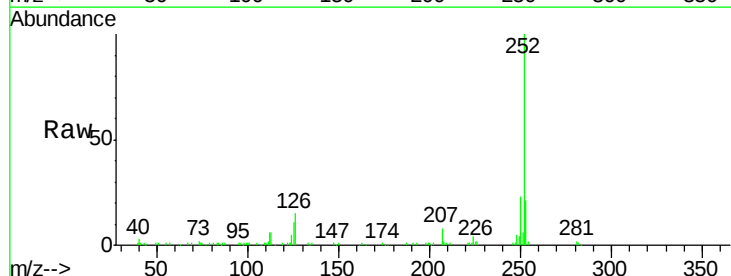
#87
Benzo(b)fluoranthene
Concen: 3.51 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	10.7	9.8	14.6



#88
Benzo(k)fluoranthene
Concen: 4.12 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

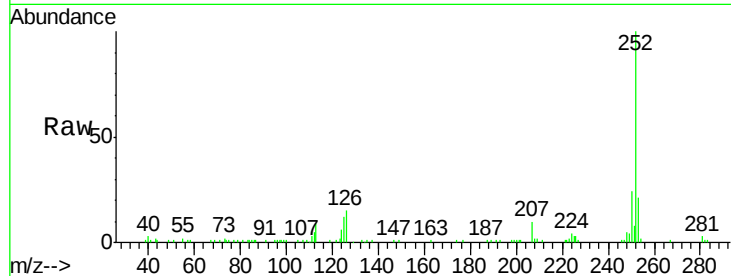
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	10.7	8.9	13.3



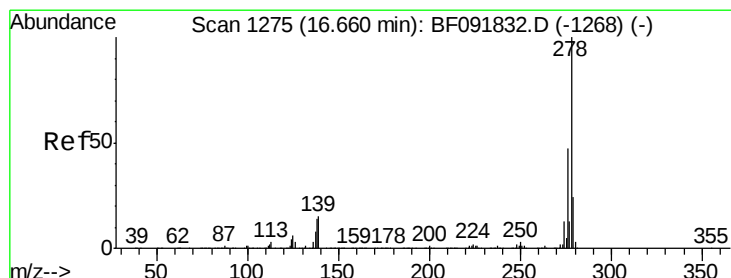
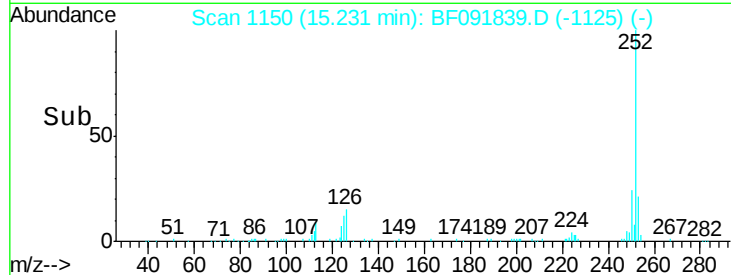
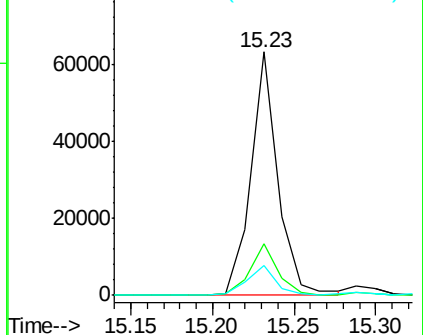


#89
Benzo(a)pyrene
Concen: 1.81 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion: 252 Resp: 72729
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 12.3 10.0 15.0

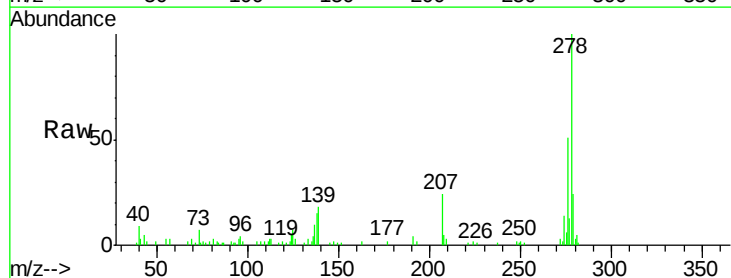


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

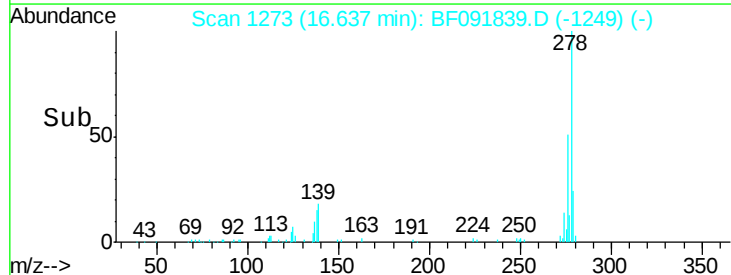
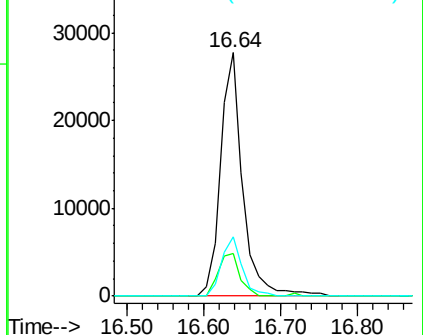


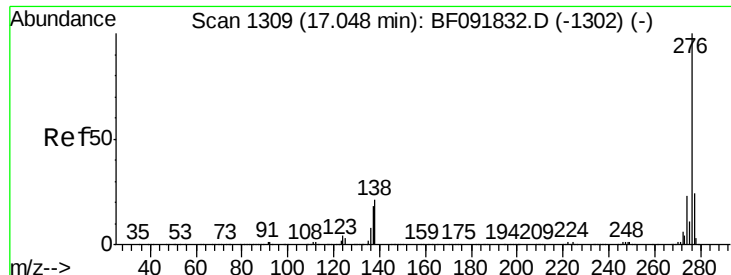
#90
Dibenzo(a,h)anthracene
Concen: 1.71 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091839.D
Acq: 21 Dec 2016 17:55

Tgt Ion: 278 Resp: 56363
Ion Ratio Lower Upper
278 100
139 17.7 14.8 22.2
279 24.2 19.8 29.6



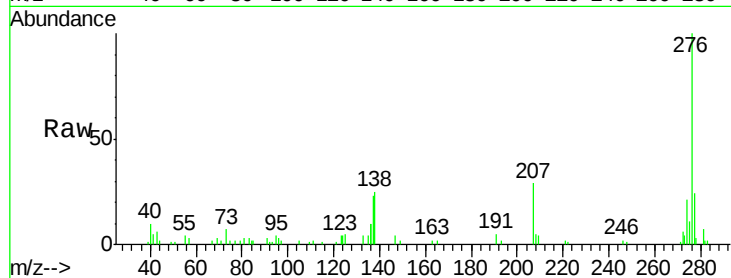
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 1.59 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF091839.D
 Acq: 21 Dec 2016 17:55

Tgt Ion:	276	Resp:	54715
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.2	28.8
138	25.1	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

