

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091937.D
 Acq On : 23 Dec 2016 21:22
 Operator : UM/SJ
 Sample : H6068-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Quant Time: Dec 23 23:10:46 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	214827	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	836862	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	393917	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	565852	20.00	ng	0.00
75) Chrysene-d12	13.89	240	437807	20.00	ng	-0.01
86) Perylene-d12	15.29	264	434254	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1728778	134.37	ng	0.05
7) Phenol-d6	6.44	99	2152914	137.06	ng	0.03
23) Nitrobenzene-d5	7.32	82	1419833	94.34	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	365597	112.15	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1927787	103.00	ng	0.00
78) Terphenyl-d14	12.84	244	1277509	70.77	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	229330	36.21	ng	96
3) Pyridine	3.01	79	572913	25.92	ng	98
4) n-Nitrosodimethylamine	2.98	42	371648	44.57	ng	100
6) Aniline	6.41	93	321303	15.75	ng	# 44
8) 2-Chlorophenol	6.54	128	601666	41.11	ng	98
9) Benzaldehyde	6.28	77	96118	8.20	ng	90
10) Phenol	6.45	94	989254	55.27	ng	# 70
11) bis(2-Chloroethyl)ether	6.49	93	658844	46.26	ng	99
12) 1,3-Dichlorobenzene	6.68	146	651629	41.71	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	667635	41.98	ng	97
14) 1,2-Dichlorobenzene	6.91	146	543135	39.36	ng	94
15) Benzyl Alcohol	6.91	79	563321	46.15	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	905830	42.71	ng	65
17) 2-Methylphenol	7.05	107	541781	46.03	ng	99
18) Hexachloroethane	7.25	117	248708	42.19	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	516362	49.41	ng	97
20) 3+4-Methylphenols	7.21	107	730241	52.02	ng	# 74
22) Acetophenone	7.16	105	941699	45.62	ng	# 93
24) Nitrobenzene	7.33	77	661185	41.25	ng	98
25) Isophorone	7.57	82	1210547	43.60	ng	93
26) 2-Nitrophenol	7.65	139	365759	46.27	ng	92
27) 2,4-Dimethylphenol	7.71	122	512307	39.08	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	805795	47.86	ng	97
29) 2,4-Dichlorophenol	7.92	162	515370	46.42	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	507391	41.71	ng	# 94
31) Naphthalene	8.05	128	1597909	41.72	ng	100
32) Benzoic acid	7.85	122	169144	17.39	ng	98
33) 4-Chloroaniline	8.11	127	200963	11.64	ng	95
34) Hexachlorobutadiene	8.17	225	288125	44.87	ng	98
35) Caprolactam	8.46	113	268437m	73.58	ng	
36) 4-Chloro-3-methylphenol	8.62	107	498673	39.04	ng	96
37) 2-Methylnaphthalene	8.75	142	1115607	50.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	423872	42.59	ng	98
40) Hexachlorocyclopentadiene	8.90	237	190736	44.87	ng	96

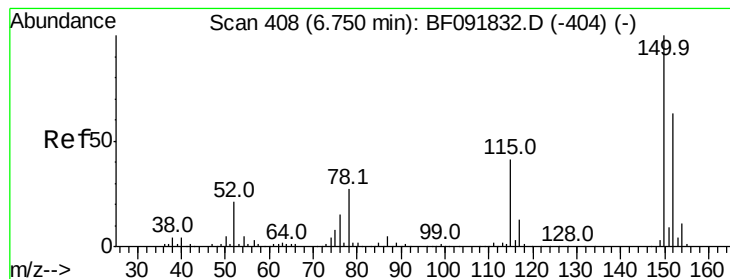
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091937.D
 Acq On : 23 Dec 2016 21:22
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	296867	42.65	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	297880	41.59	nq	94
45) 1,1'-Biphenyl	9.22	154	1190755	44.15	nq	97
46) 2-Chloronaphthalene	9.23	162	891978	41.76	nq	# 91
47) 2-Nitroaniline	9.34	65	352534	46.36	nq	# 78
48) Acenaphthylene	9.65	152	1405459	42.78	nq	100
49) Dimethylphthalate	9.52	163	1163262	46.17	nq	98
50) 2,6-Dinitrotoluene	9.58	165	260825	47.30	nq	93
51) Acenaphthene	9.82	154	913591	41.02	nq	99
52) 3-Nitroaniline	9.74	138	152867	22.40	nq	# 91
53) 2,4-Dinitrophenol	9.86	184	85620	27.90	nq	# 69
54) Dibenzofuran	10.00	168	1228608	40.85	nq	99
55) 4-Nitrophenol	9.96	139	367557	79.32	nq	# 72
56) 2,4-Dinitrotoluene	9.98	165	311803	45.05	nq	# 93
57) Fluorene	10.34	166	964757	44.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	227192	40.10	nq	# 88
59) Diethylphthalate	10.21	149	980889	40.09	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	399562	41.70	nq	99
61) 4-Nitroaniline	10.36	138	188349	26.63	nq	89
62) Azobenzene	10.49	77	1143702	42.45	nq	97
64) 4,6-Dinitro-2-methylphenol	10.40	198	85768	25.07	nq	# 70
65) n-Nitrosodiphenylamine	10.45	169	847637	50.48	nq	95
66) 4-Bromophenyl-phenylether	10.82	248	275787	46.85	nq	# 89
67) Hexachlorobenzene	10.89	284	271857	43.21	nq	97
68) Atrazine	10.98	200	261605	48.30	nq	97
69) Pentachlorophenol	11.08	266	246960	80.00	nq	98
70) Phenanthrene	11.29	178	1292414	42.12	nq	98
71) Anthracene	11.34	178	1311507	50.18	nq	99
72) Carbazole	11.50	167	1137589	45.04	nq	99
73) Di-n-butylphthalate	11.84	149	1581853	55.35	nq	97
74) Fluoranthene	12.48	202	1258118	46.90	nq	92
76) Benzidine	12.60	184	377170	31.39	nq	96
77) Pyrene	12.70	202	1253496	39.02	nq	98
79) Butylbenzylphthalate	13.32	149	610212	41.77	nq	91
80) Benzo(a)anthracene	13.88	228	955341	38.66	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	261117	27.86	nq	98
82) Chrysene	13.92	228	819284	33.05	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	748972	43.53	nq	# 99
84) Di-n-octyl phthalate	14.49	149	1304632	40.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	937224	43.64	nq	99
87) Benzo(b)fluoranthene	14.90	252	1110959m	41.09	nq	
88) Benzo(k)fluoranthene	14.92	252	846992m	36.74	nq	
89) Benzo(a)pyrene	15.23	252	952490	39.69	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	788282	39.97	nq	97
91) Benzo(g,h,i)perylene	17.03	276	760406	37.08	nq	99

(#) = 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: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

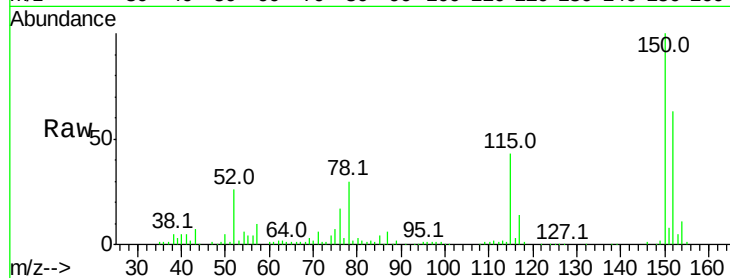
Tot Ion:152 Resp: 214827

Ion Ratio Lower Upper

152 100

150 159.5 124.9 187.3

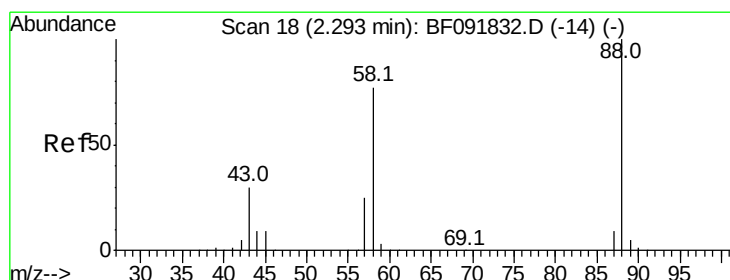
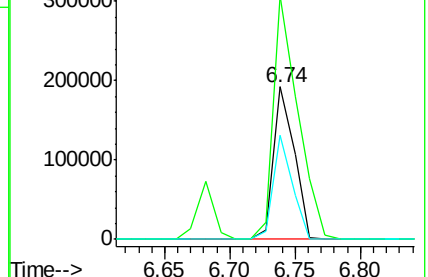
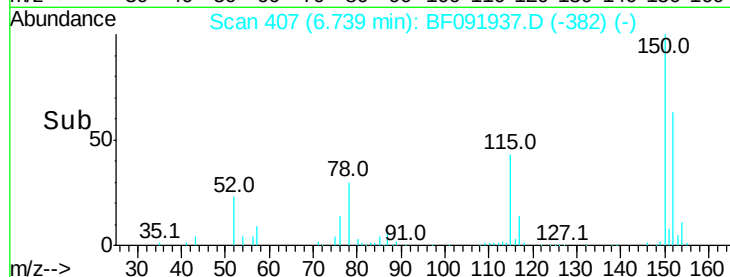
115 68.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.21 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

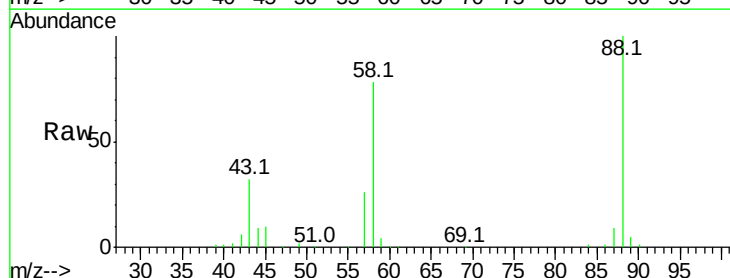
Tgt Ion: 88 Resp: 229330

Ion Ratio Lower Upper

88 100

58 74.3 57.8 86.8

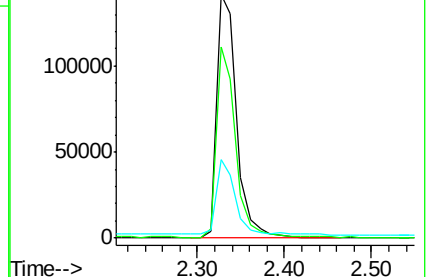
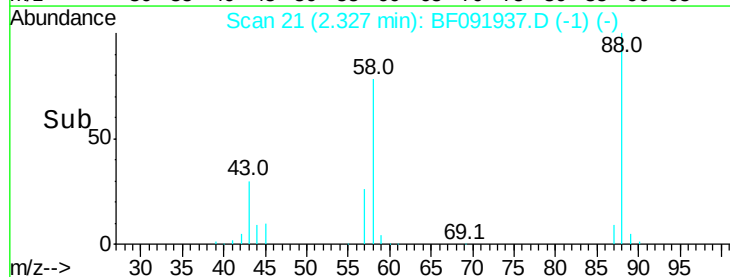
43 31.8 22.3 33.5

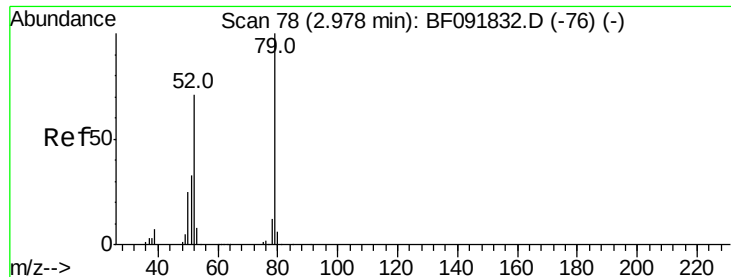


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

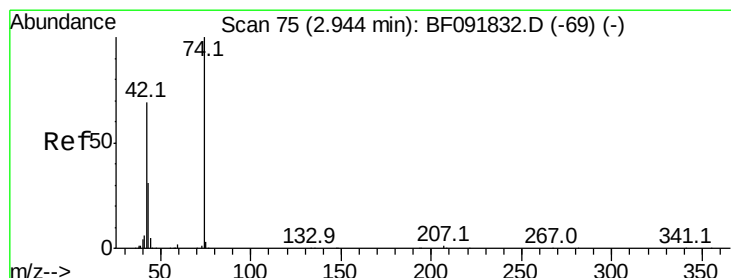
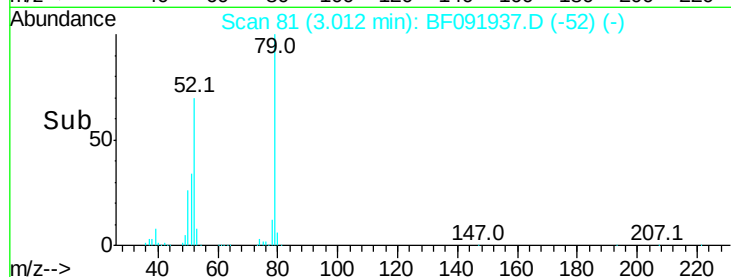
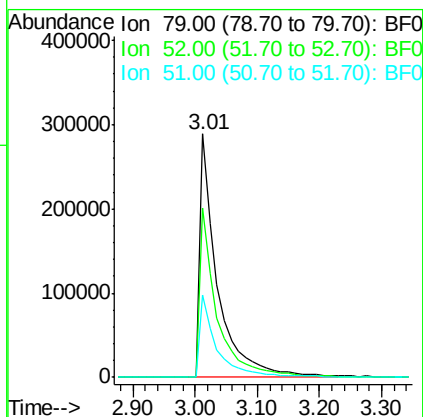
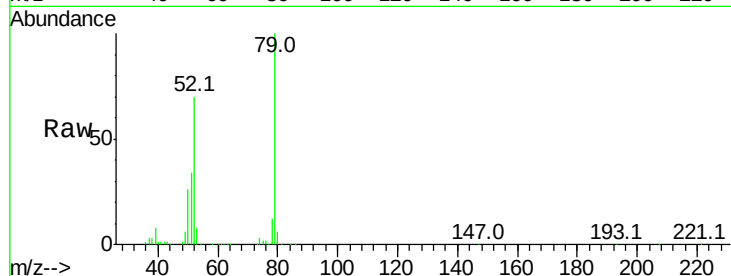




#3
 Pvridine
 Concen: 25.92 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.03 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

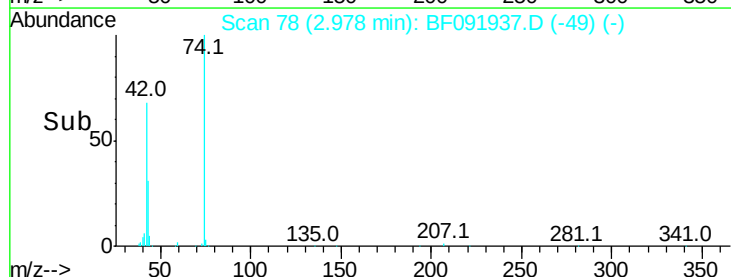
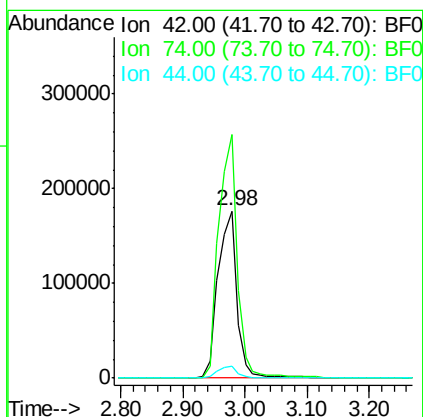
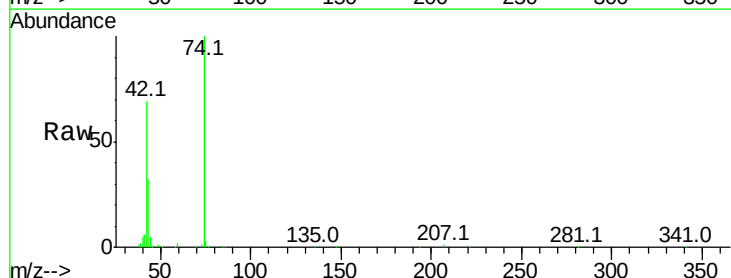
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

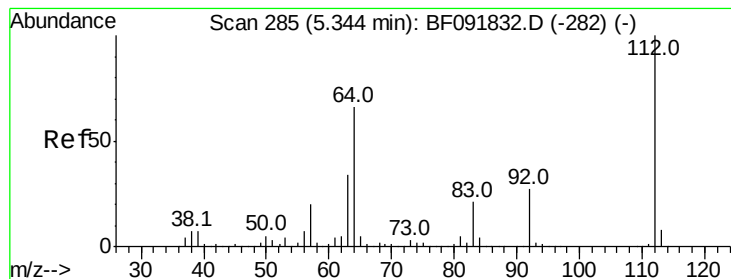
Tot Ion: 79 Resp: 572913
 Ion Ratio Lower Upper
 79 100
 52 69.5 57.1 85.7
 51 33.9 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 44.57 ng
 RT: 2.98 min Scan# 78
 Delta R.T. 0.03 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion: 42 Resp: 371648
 Ion Ratio Lower Upper
 42 100
 74 145.9 117.0 175.4
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 134.37 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

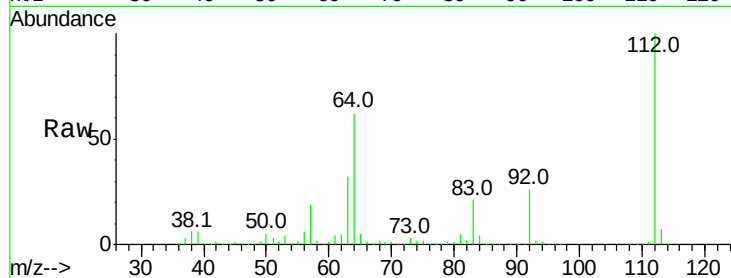
Tot Ion:112 Resp: 1728778

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

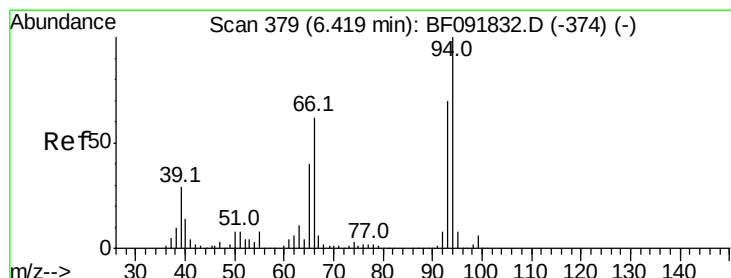
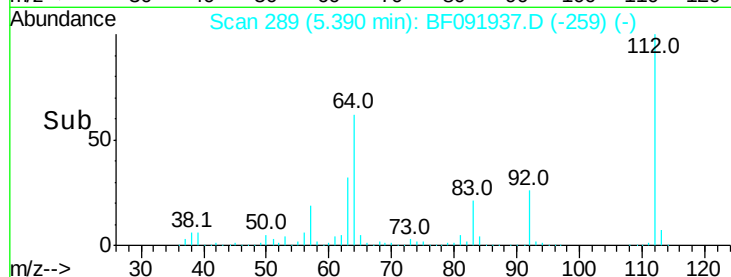
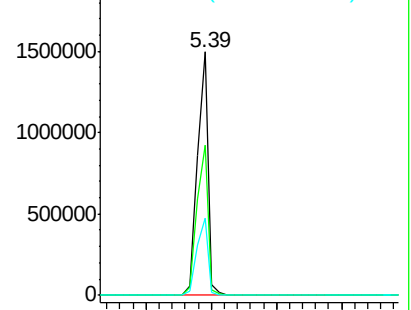
63 31.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

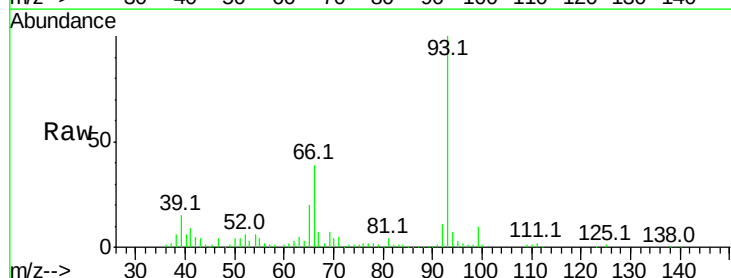
Tgt Ion: 93 Resp: 321303

Ion Ratio Lower Upper

93 100

66 39.3 76.2 114.2#

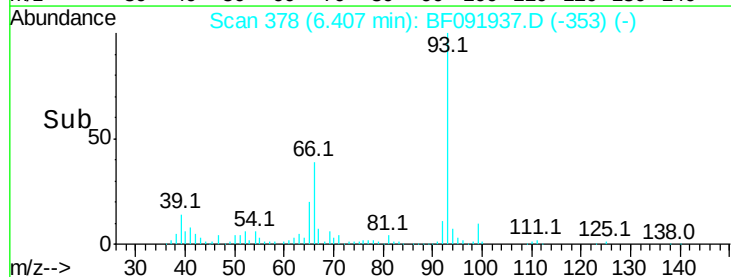
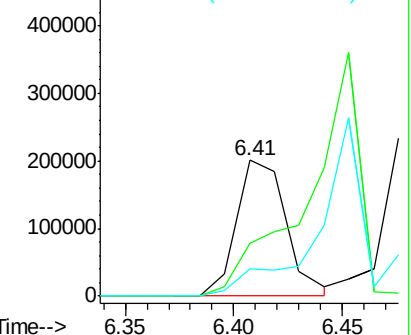
65 20.1 49.3 73.9#

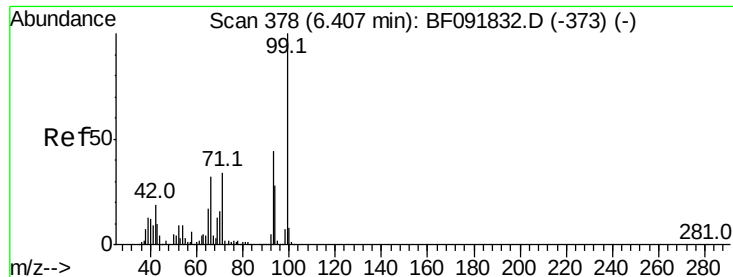


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.06 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

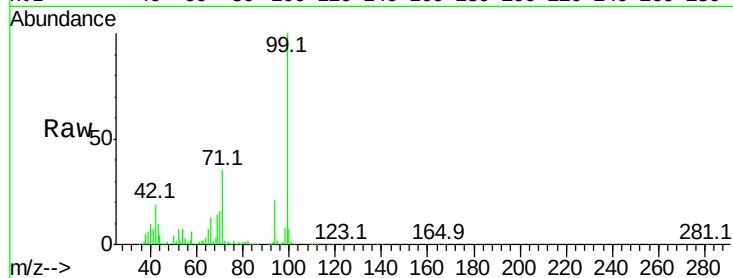
Tot Ion: 99 Resp: 2152914

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

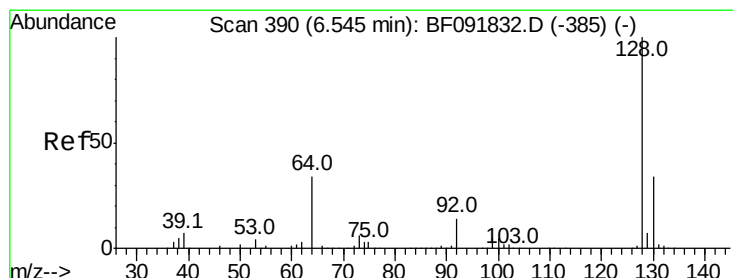
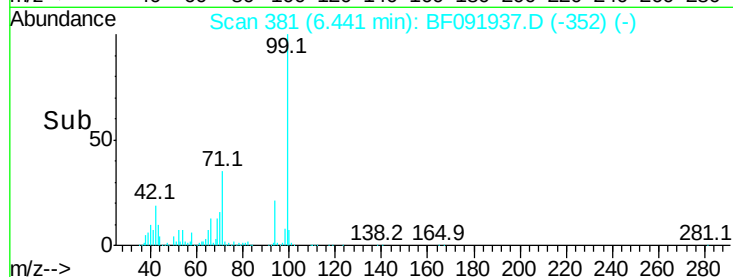
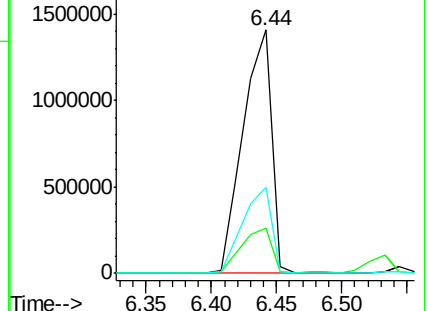
71 35.2 27.5 41.3



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: 41.11 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

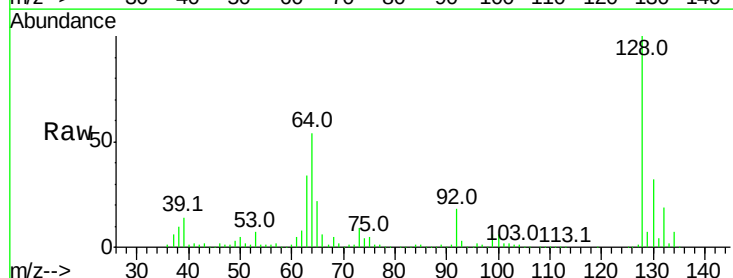
Tgt Ion:128 Resp: 601666

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

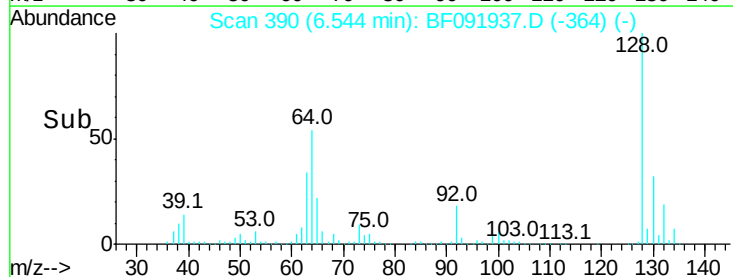
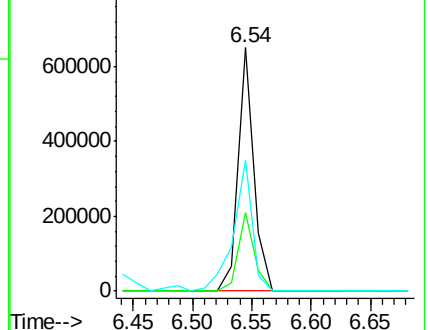
64 54.0 32.2 72.2

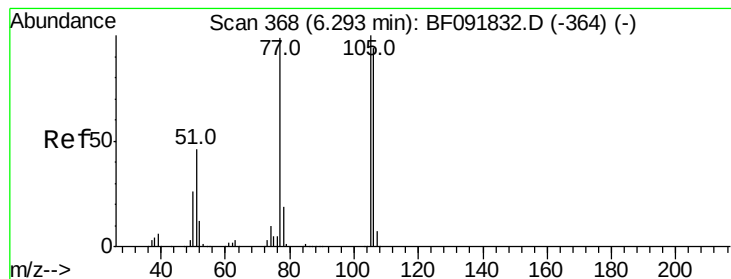


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.20 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

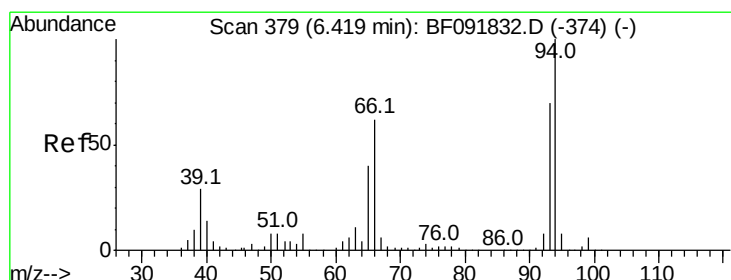
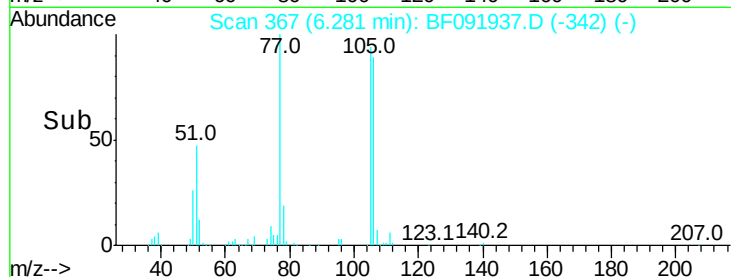
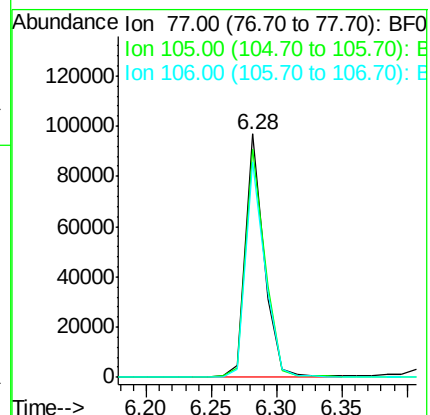
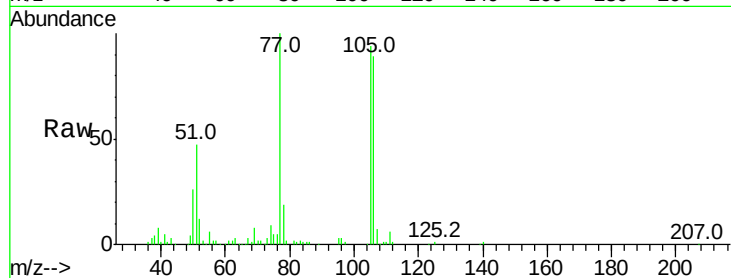
Tot Ion: 77 Resp: 96118

Ion Ratio Lower Upper

77 100

105 93.7 83.9 123.9

106 88.5 77.6 117.6



#10

Phenol

Concen: 55.27 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

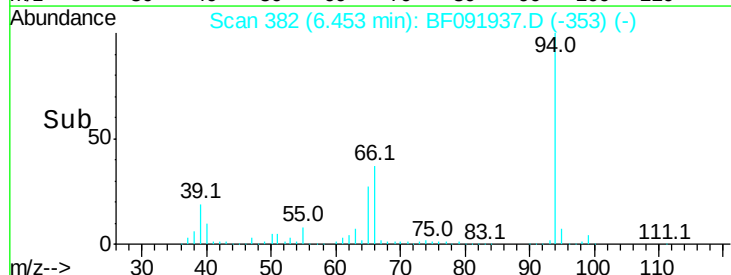
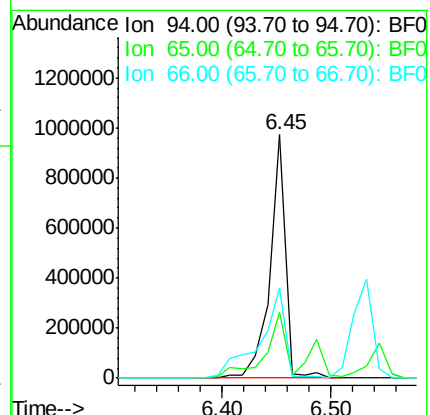
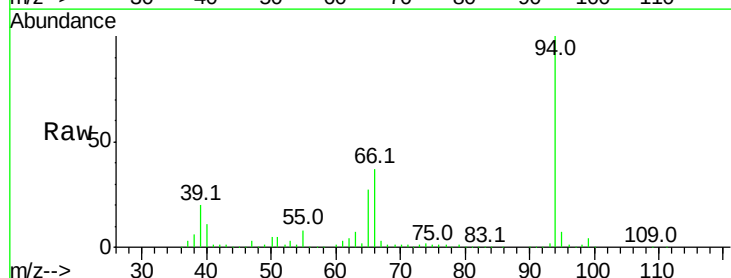
Tgt Ion: 94 Resp: 989254

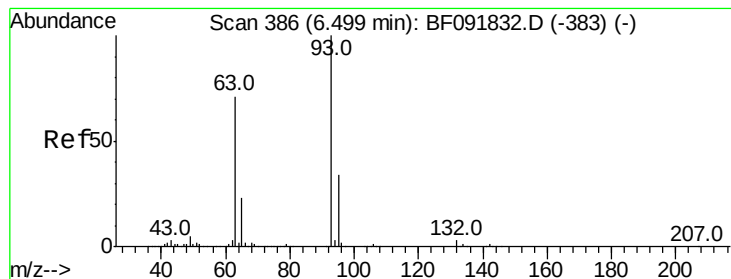
Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

66 37.0 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.26 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

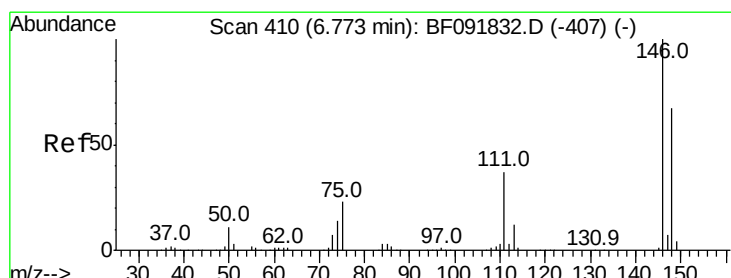
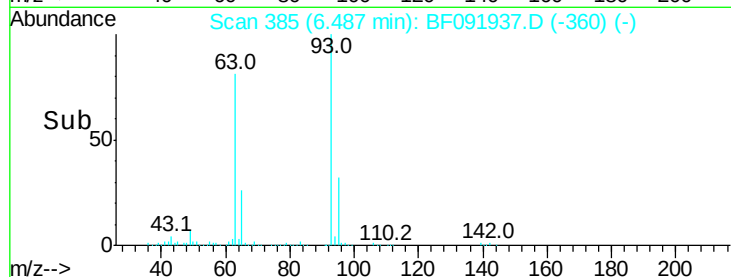
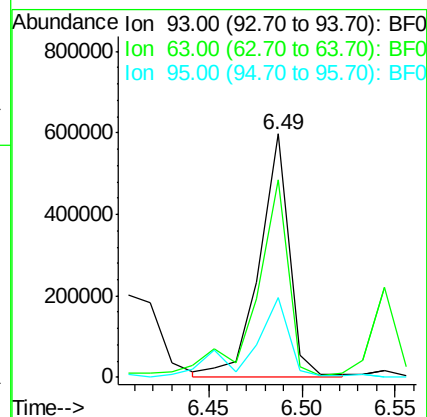
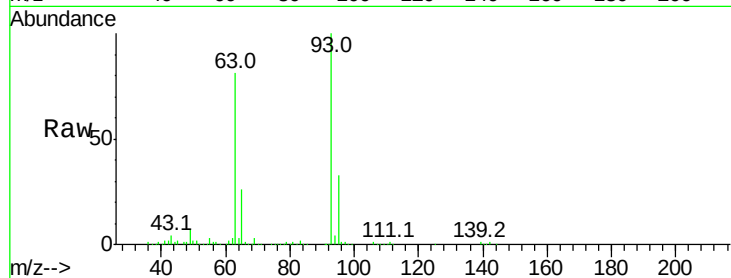
Tot Ion: 93 Resp: 658844

Ion Ratio Lower Upper

93 100

63 81.0 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.71 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

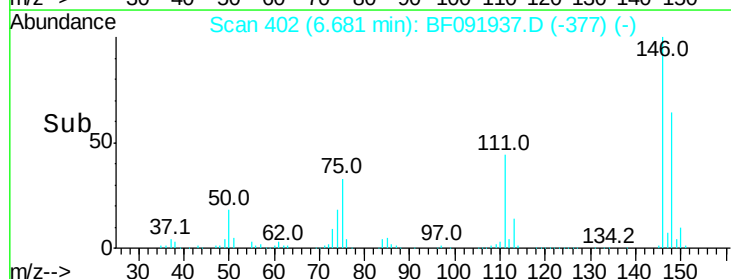
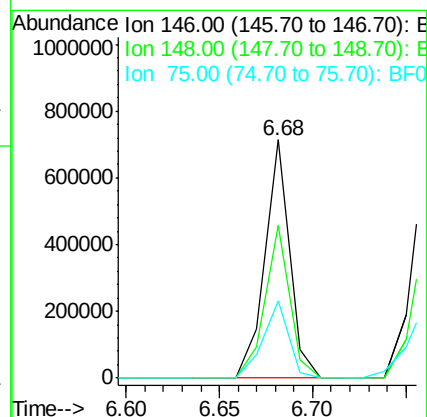
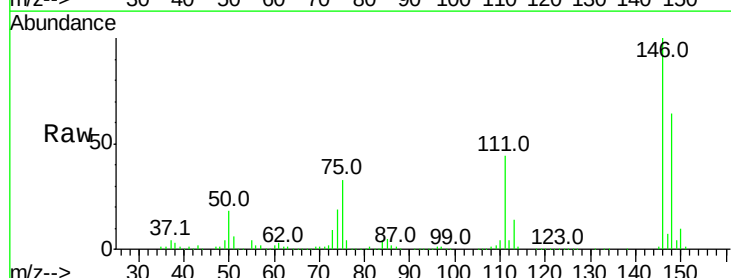
Tgt Ion: 146 Resp: 651629

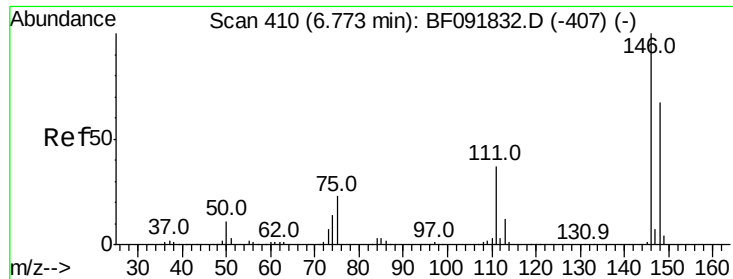
Ion Ratio Lower Upper

146 100

148 64.1 53.4 80.0

75 32.6 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 41.98 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

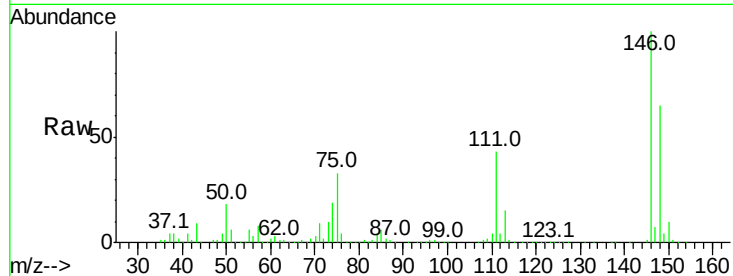
Tot Ion:146 Resp: 667635

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

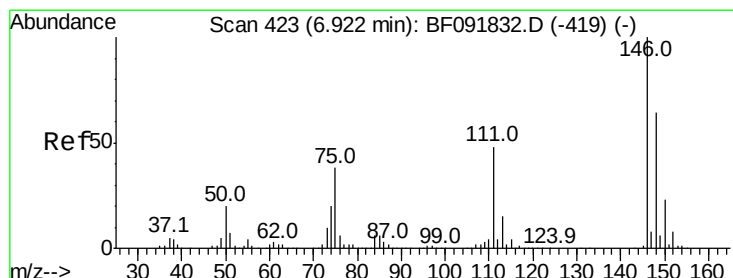
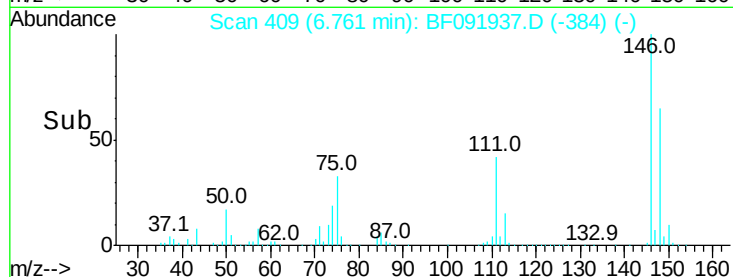
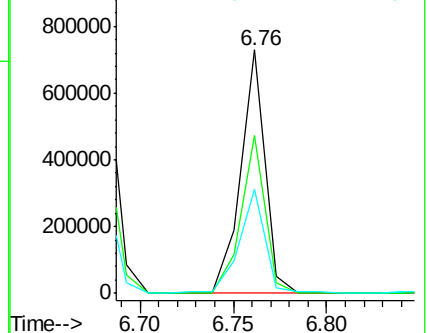
111 42.7 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.36 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

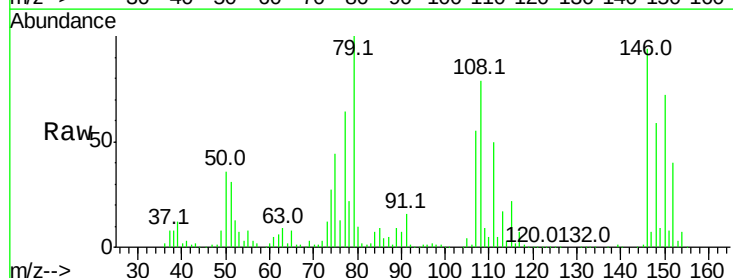
Tgt Ion:146 Resp: 543135

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

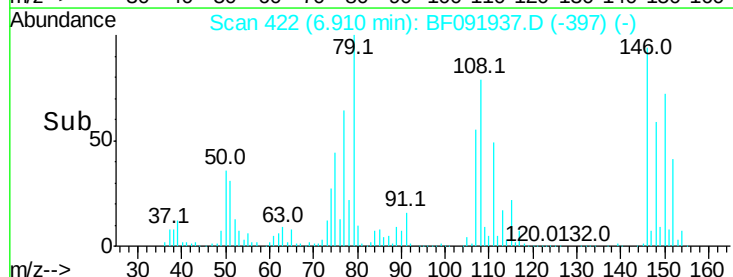
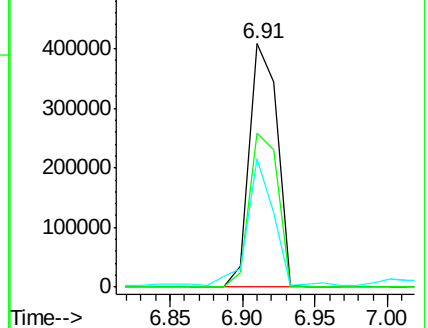
111 52.9 36.2 54.2

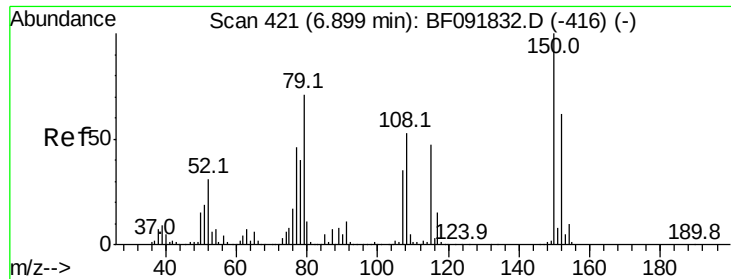


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

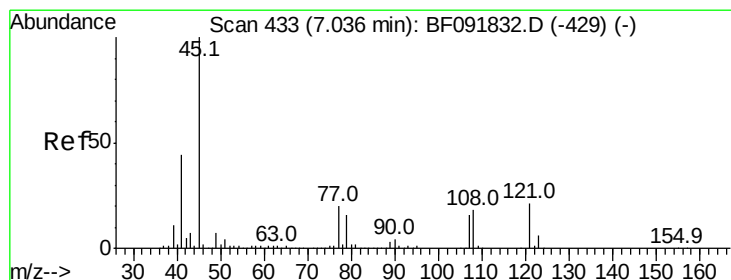
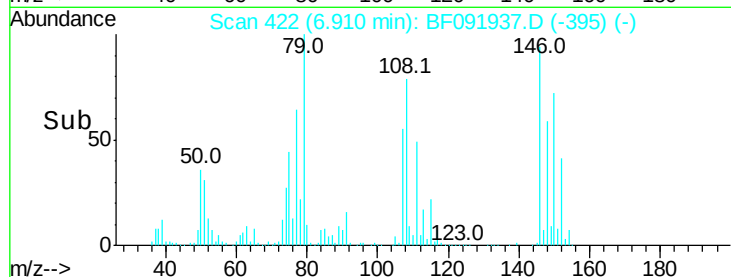
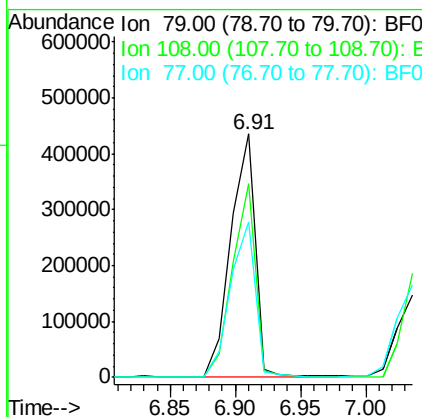
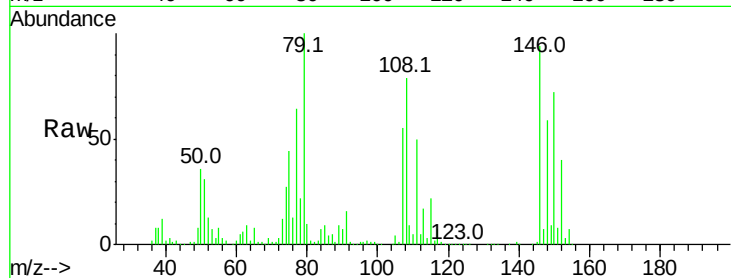




#15
Benzyl Alcohol
Concen: 46.15 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

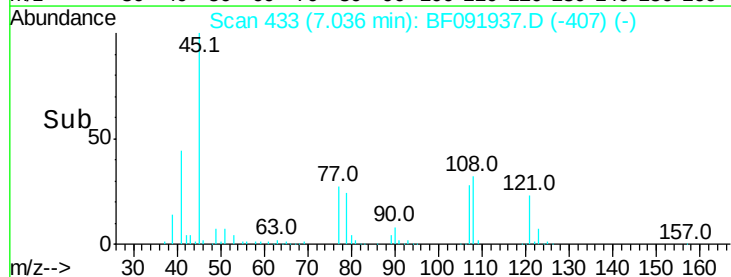
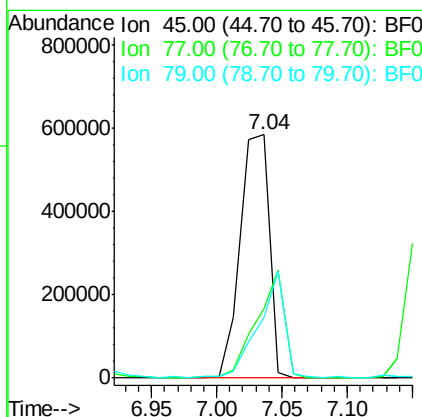
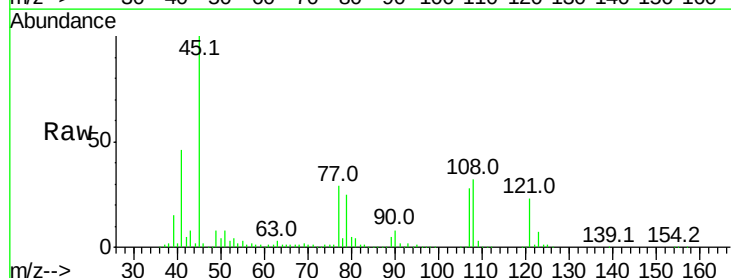
Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

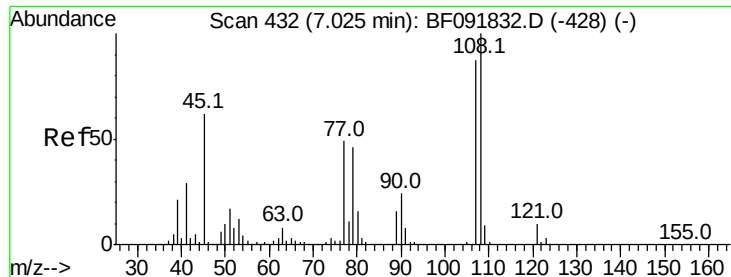
Tot Ion: 79 Resp: 563321
Ion Ratio Lower Upper
79 100
108 79.4 61.4 92.0
77 63.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.71 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Tgt Ion: 45 Resp: 905830
Ion Ratio Lower Upper
45 100
77 28.5 0.0 34.6
79 25.0 0.0 31.2





#17

2-Methylphenol

Concen: 46.03 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.02 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

Tot Ion:107 Resp: 541781

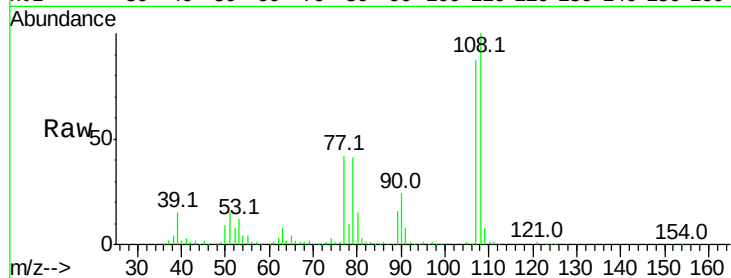
Ion Ratio Lower Upper

107 100

108 114.8 93.0 139.6

77 48.0 39.8 59.8

79 47.4 38.0 57.0

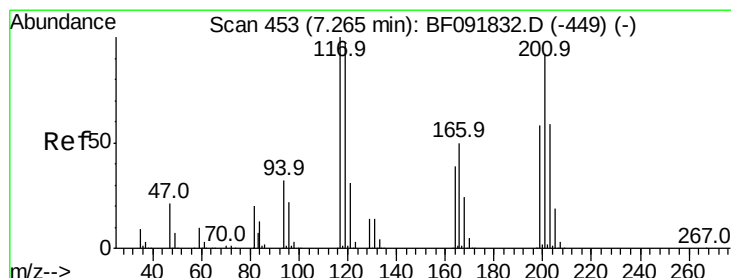
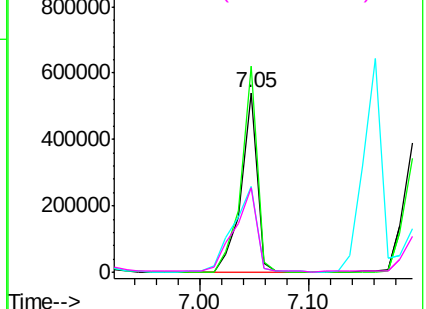
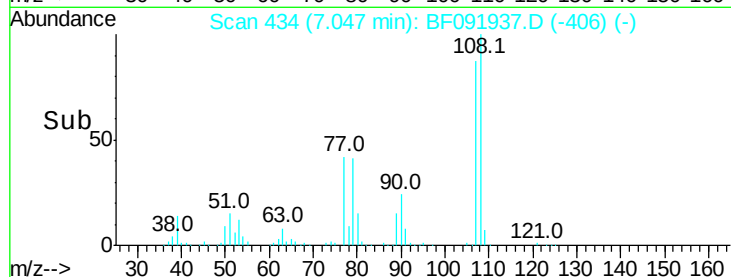


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.19 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

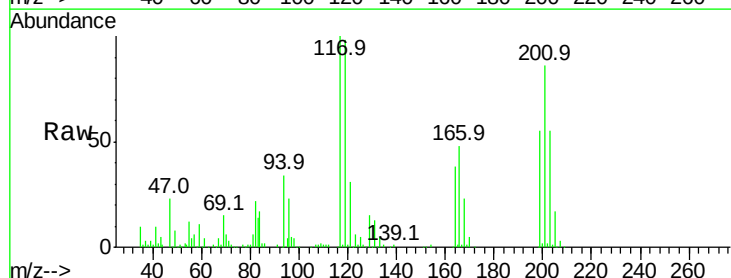
Tgt Ion:117 Resp: 248708

Ion Ratio Lower Upper

117 100

119 97.6 78.1 117.1

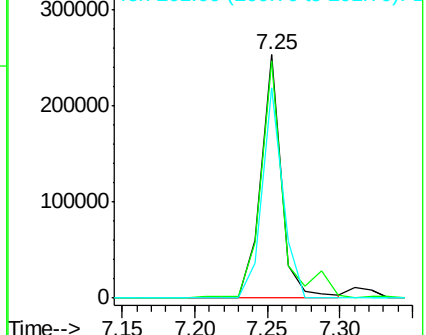
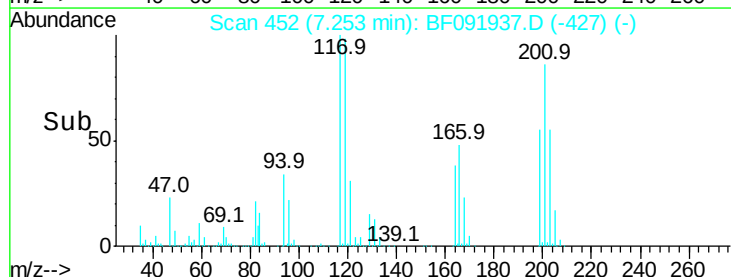
201 86.4 78.6 117.8

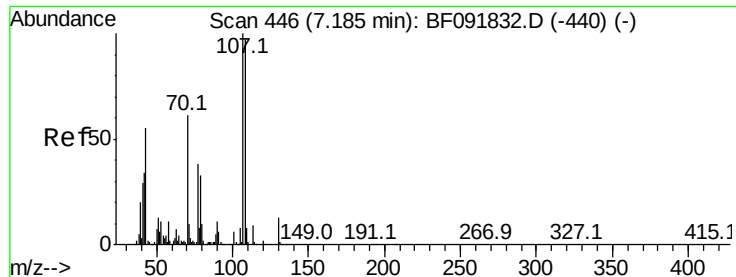


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.41 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

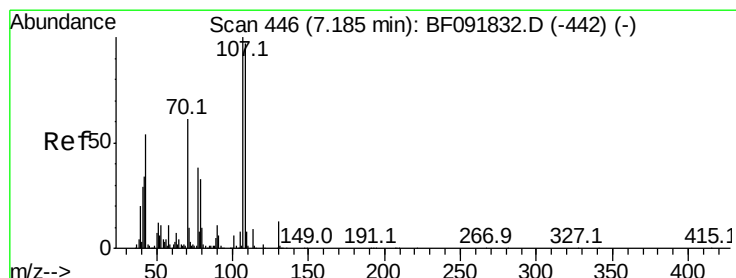
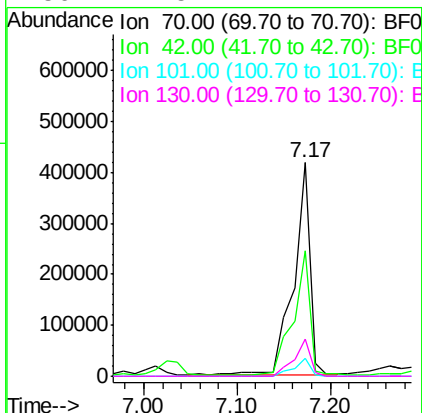
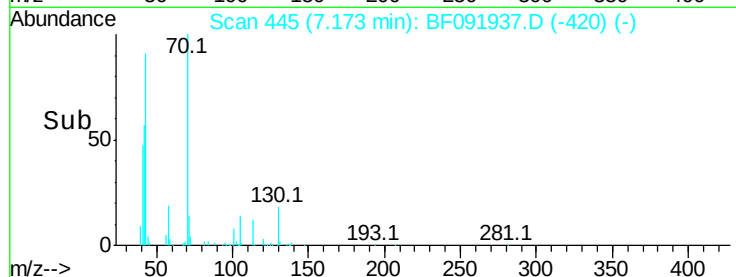
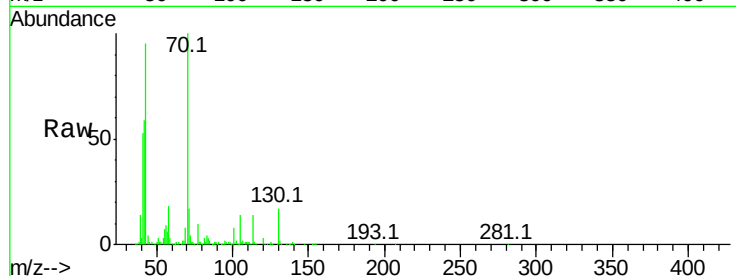
Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

Tot Ion: 70 Resp: 516362

Ion	Ratio	Lower	Upper
70	100		
42	58.7	49.4	74.0
101	8.5	7.4	11.2
130	17.5	14.2	21.4



#20

3+4-Methylphenols

Concen: 52.02 ng

RT: 7.21 min Scan# 448

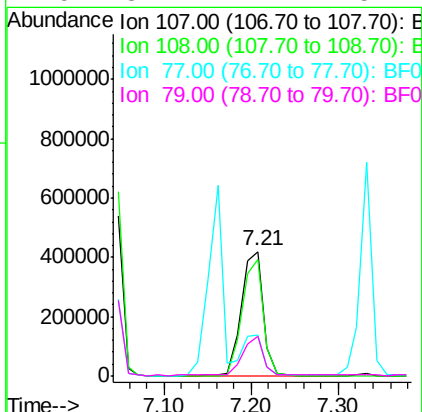
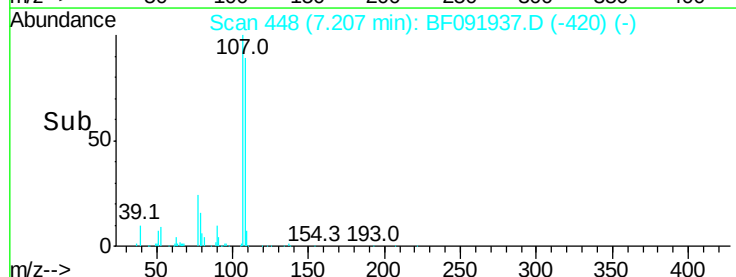
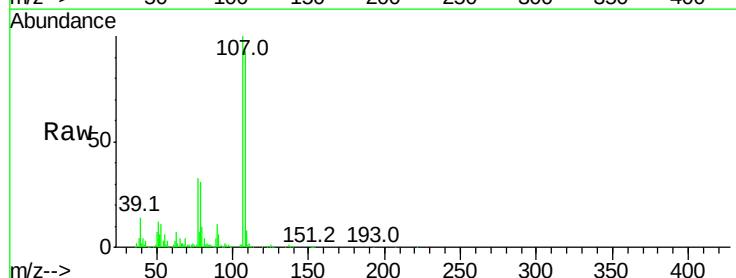
Delta R.T. 0.02 min

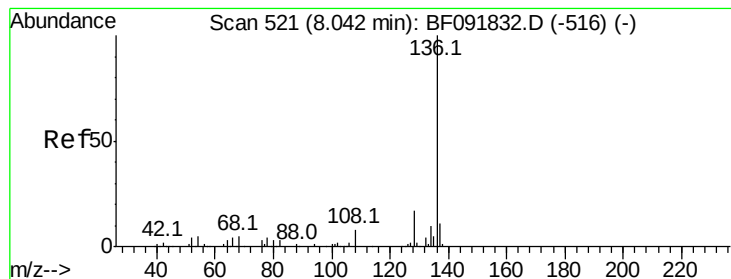
Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Tgt Ion: 107 Resp: 730241

Ion	Ratio	Lower	Upper
107	100		
108	93.2	73.0	113.0
77	33.3	71.3	111.3#
79	31.4	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: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

Tot Ion:136 Resp: 836862

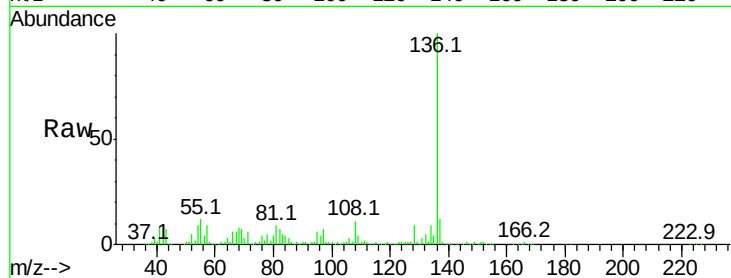
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 9.5 4.5 6.7#

68 7.8 3.6 5.4#

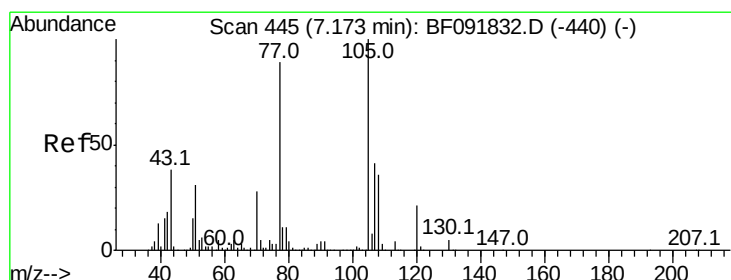
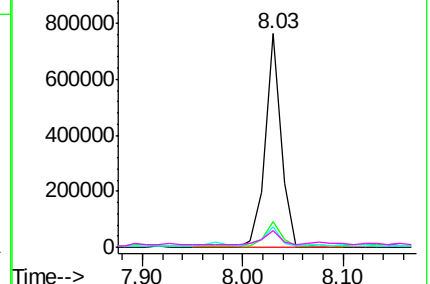
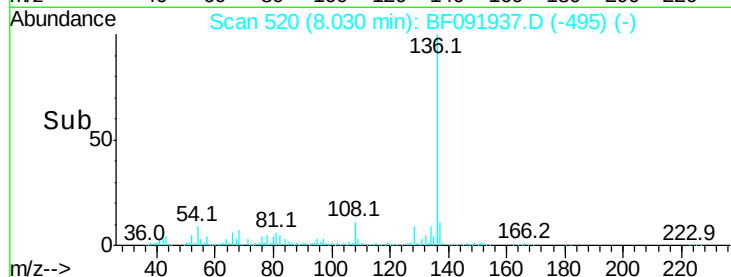


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.62 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Tgt Ion:105 Resp: 941699

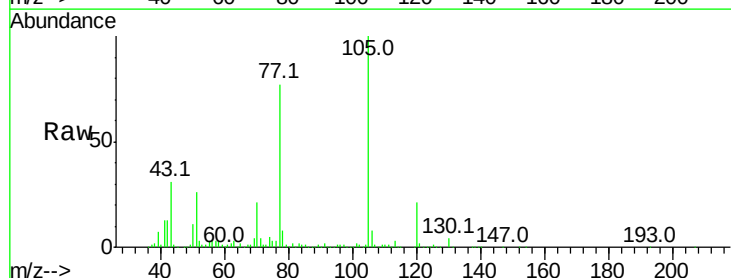
Ion Ratio Lower Upper

105 100

71 4.3 3.2 4.8

51 26.0 26.2 39.4#

120 21.1 16.6 24.8

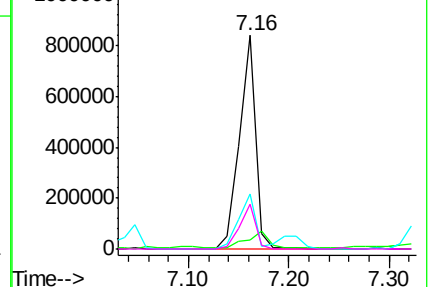
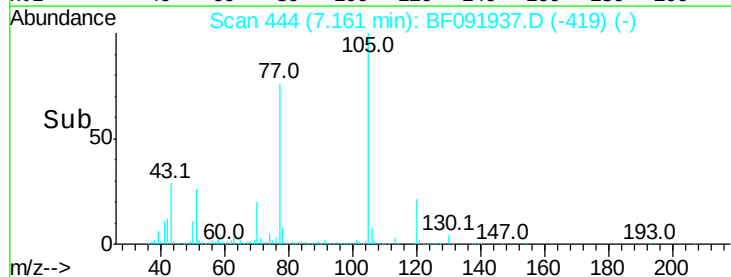


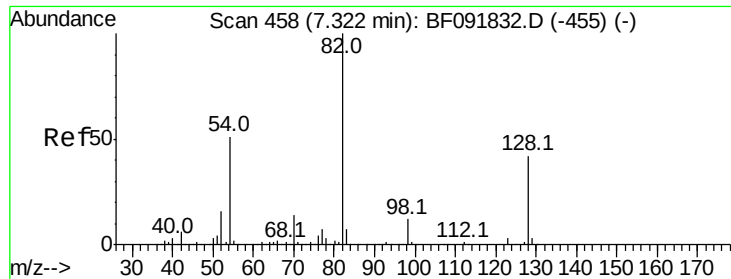
Abundance Ion 105.00 (104.70 to 105.70): E

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

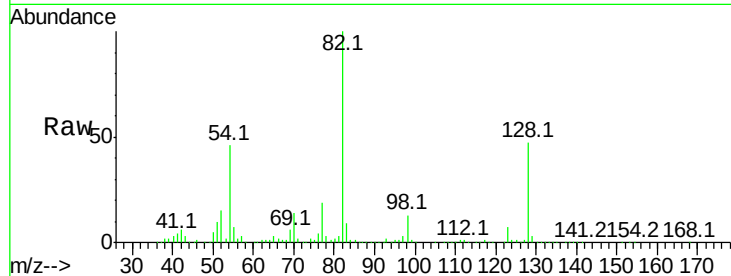




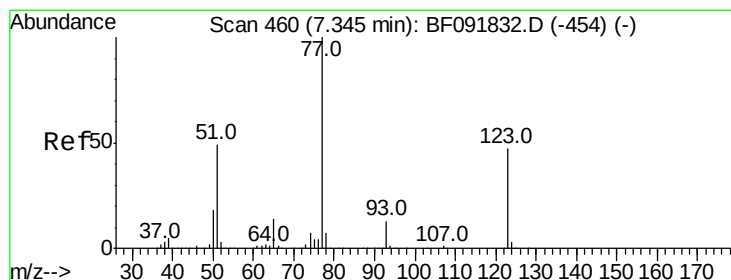
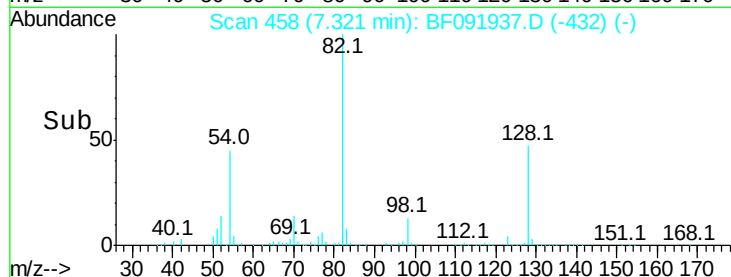
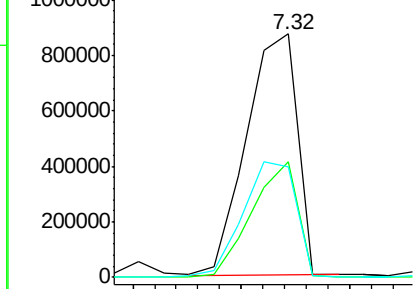
#23
 Nitrobenzene-d5
 Concen: 94.34 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Tot Ion: 82 Resp: 1419833
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.6 52.0
 54 45.5 39.5 59.3

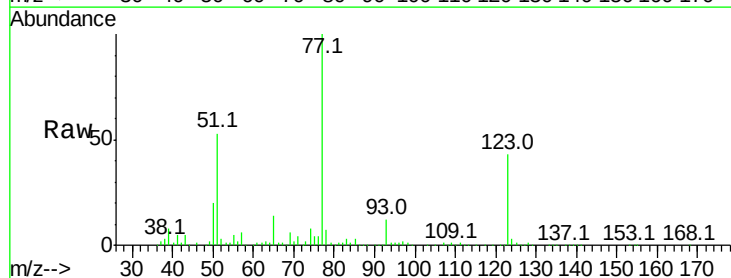


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

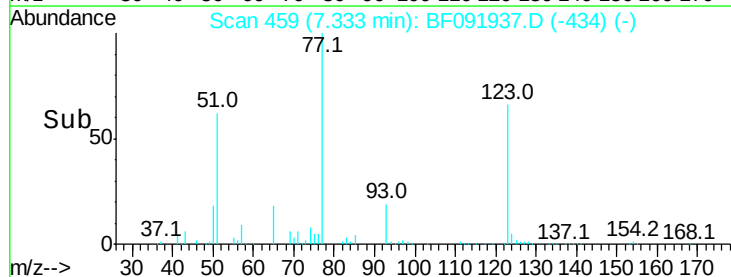
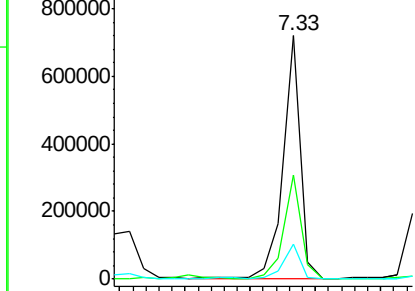


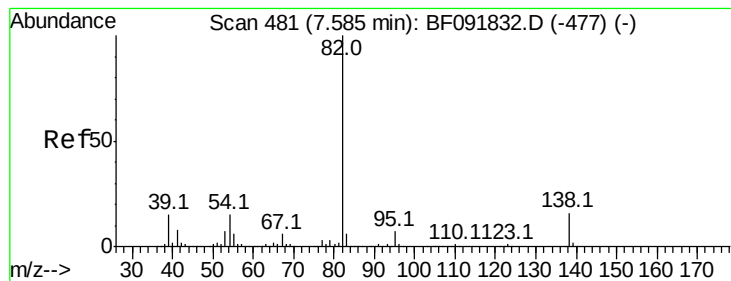
#24
 Nitrobenzene
 Concen: 41.25 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion: 77 Resp: 661185
 Ion Ratio Lower Upper
 77 100
 123 42.5 33.0 49.4
 65 14.3 11.2 16.8



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





#25

Isophorone

Concen: 43.60 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

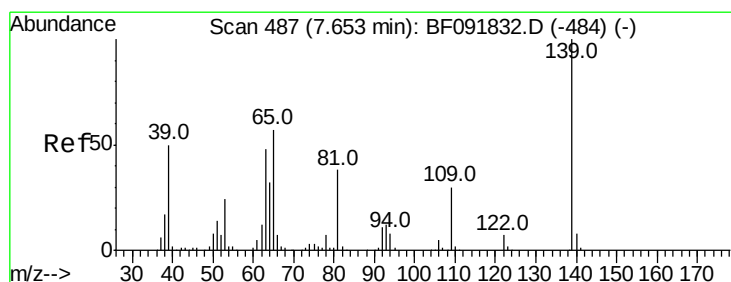
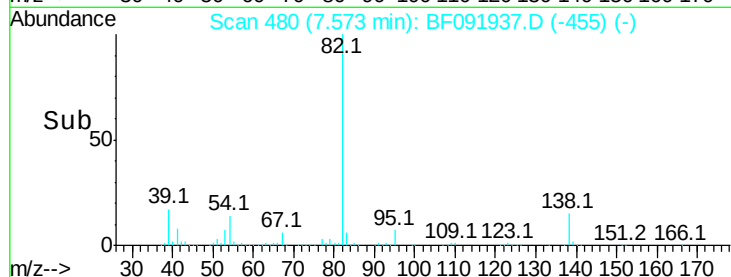
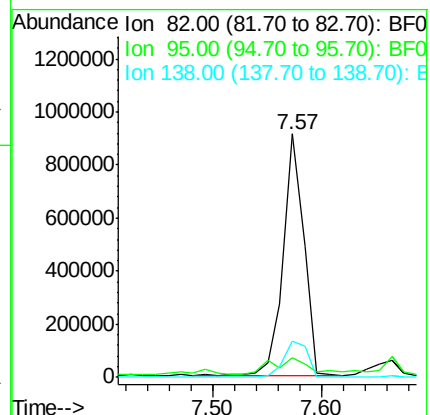
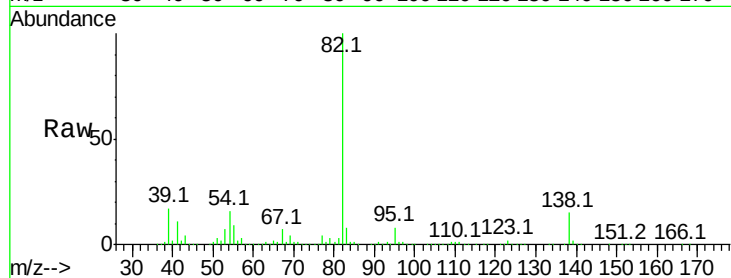
Tot Ion: 82 Resp: 1210547

Ion Ratio Lower Upper

82 100

95 8.3 5.6 8.4

138 14.8 14.6 22.0



#26

2-Nitrophenol

Concen: 46.27 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

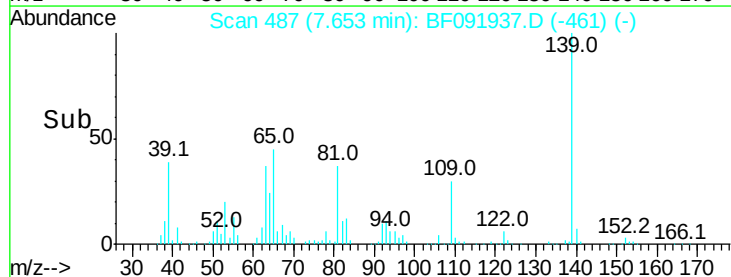
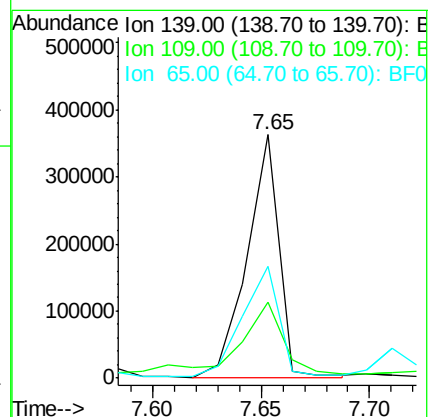
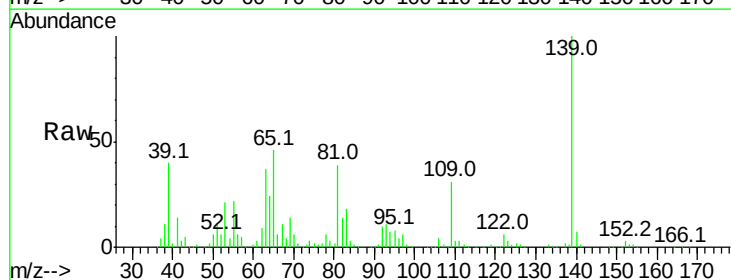
Tgt Ion: 139 Resp: 365759

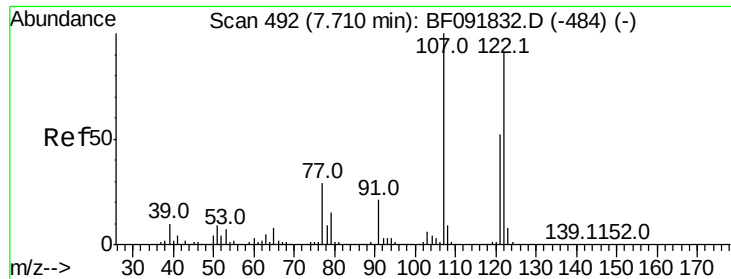
Ion Ratio Lower Upper

139 100

109 31.1 23.3 34.9

65 45.7 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 39.08 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

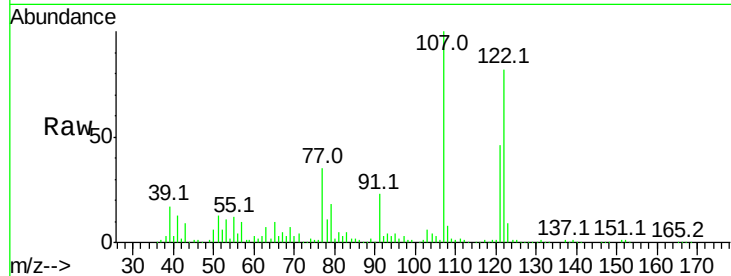
Tot Ion:122 Resp: 512307

Ion Ratio Lower Upper

122 100

107 121.6 94.1 141.1

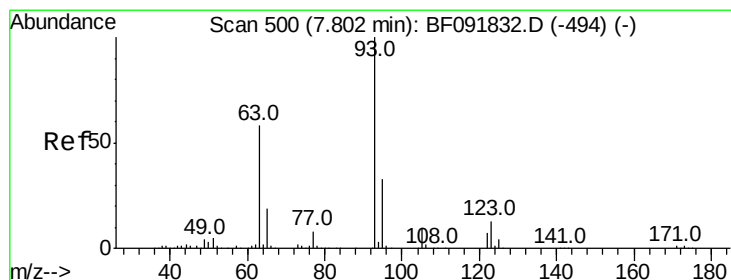
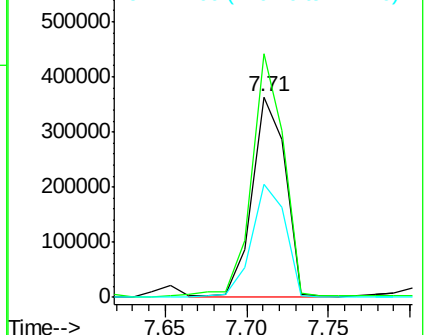
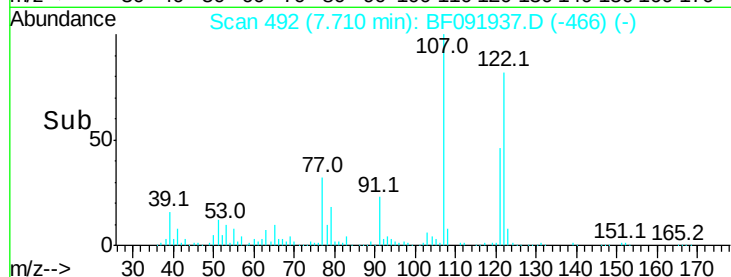
121 56.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.86 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

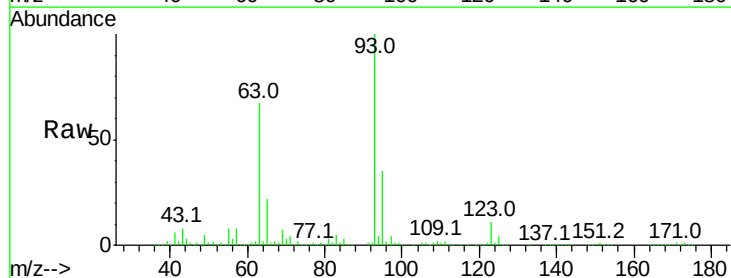
Tgt Ion: 93 Resp: 805795

Ion Ratio Lower Upper

93 100

95 34.9 26.5 39.7

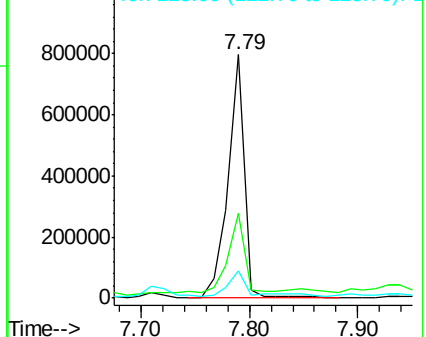
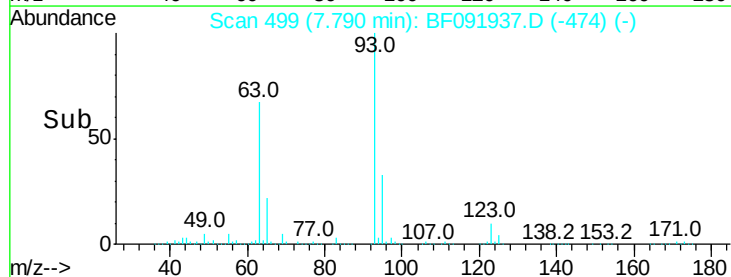
123 11.2 8.6 13.0

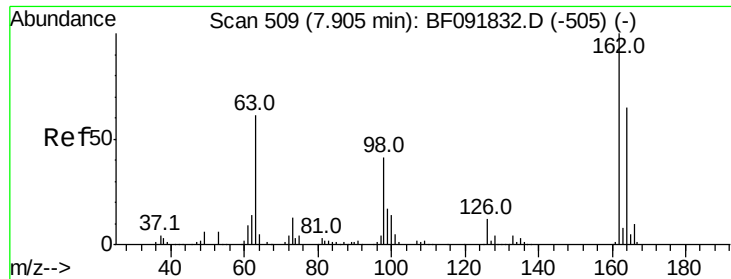


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

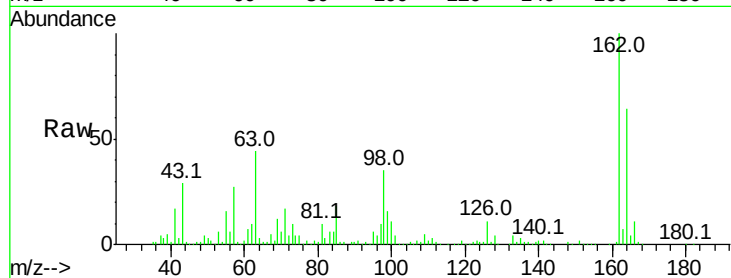




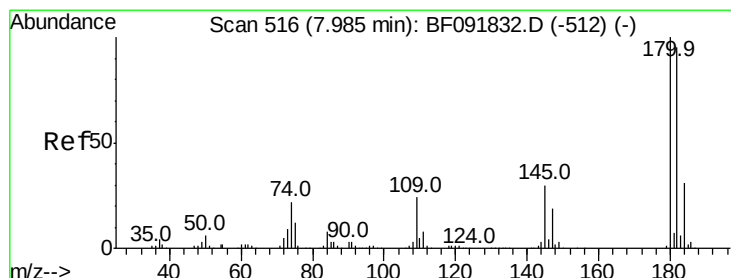
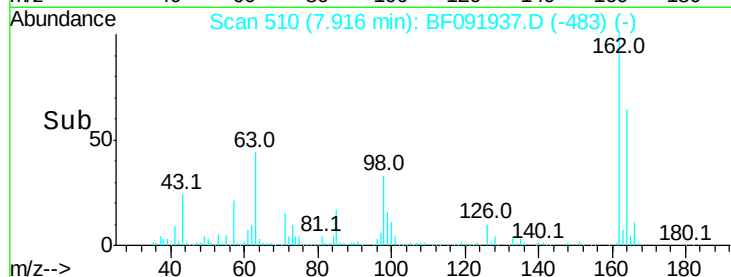
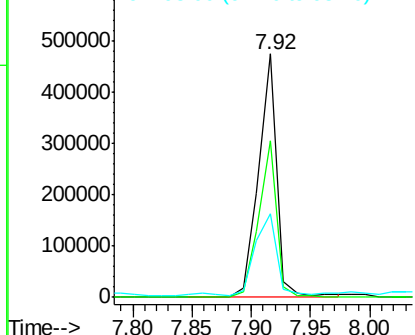
#29
 2,4-Dichlorophenol
 Concen: 46.42 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Tot Ion:162 Resp: 515370
 Ion Ratio Lower Upper
 162 100
 164 64.3 46.8 86.8
 98 34.5 9.1 49.1

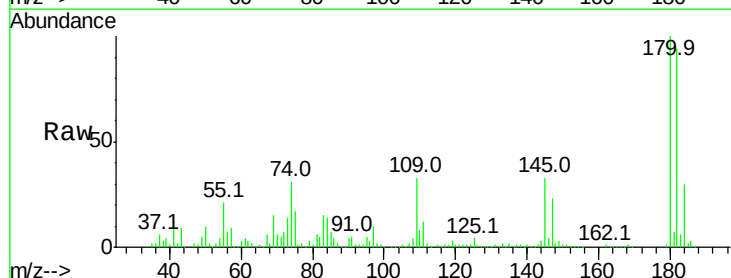


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

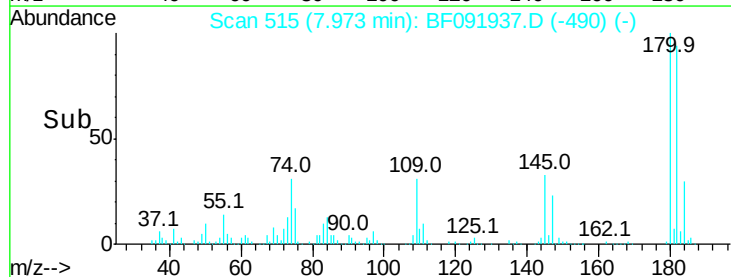
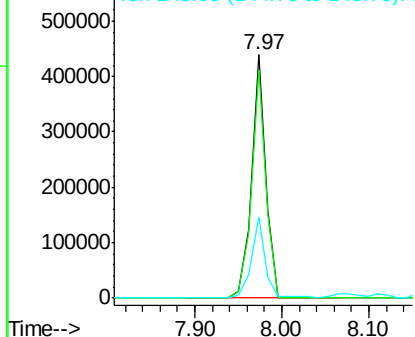


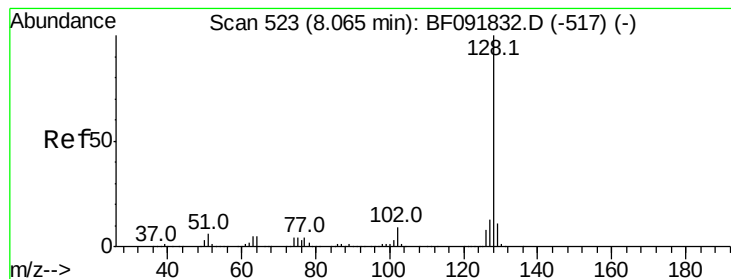
#30
 1,2,4-Trichlorobenzene
 Concen: 41.71 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion:180 Resp: 507391
 Ion Ratio Lower Upper
 180 100
 182 93.9 78.2 117.4
 145 33.2 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: 41.72 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

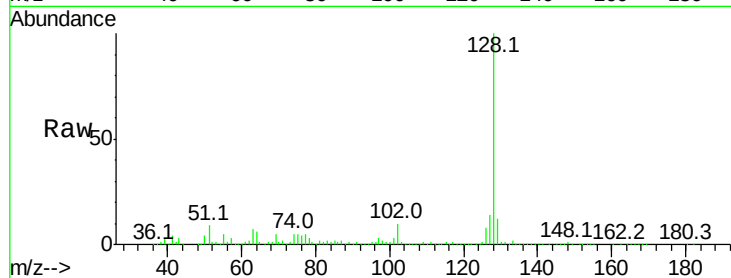
Tot Ion:128 Resp: 1597909

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

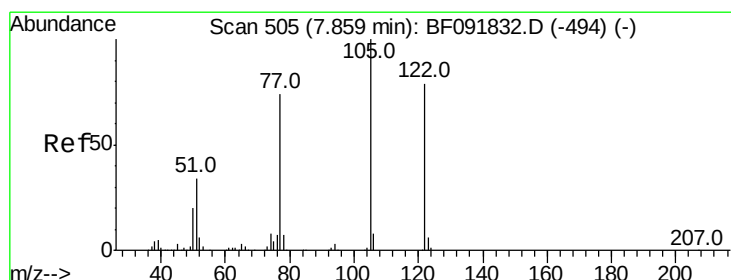
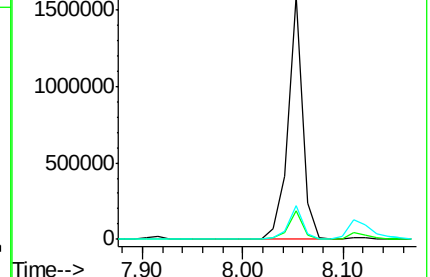
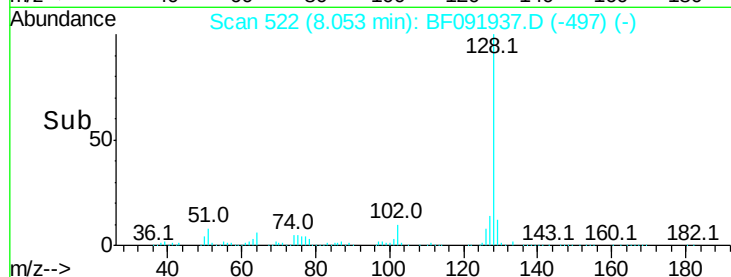
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.39 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

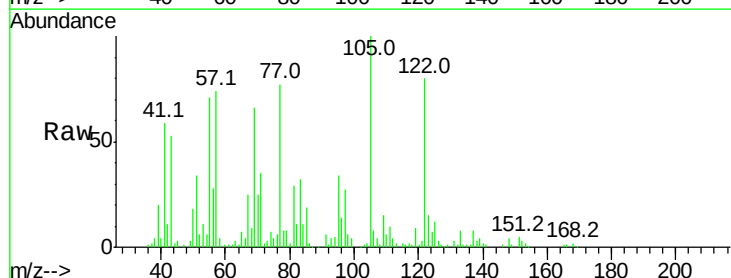
Tgt Ion:122 Resp: 169144

Ion Ratio Lower Upper

122 100

105 125.7 107.2 147.2

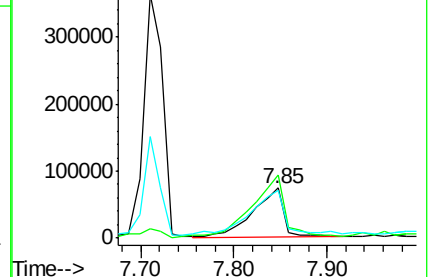
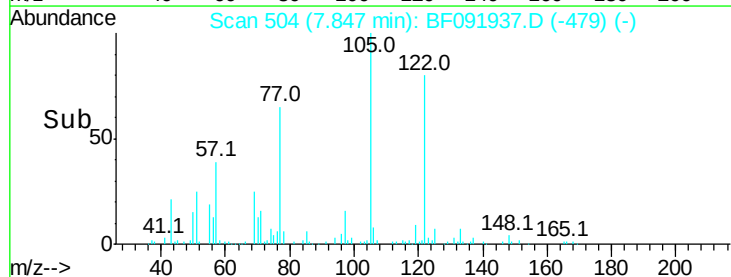
77 96.5 74.5 114.5

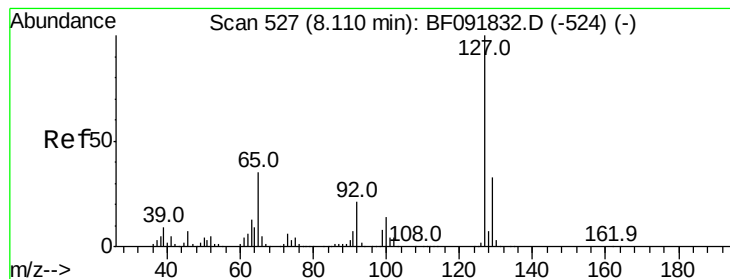


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.64 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

Tot Ion:127 Resp: 200963

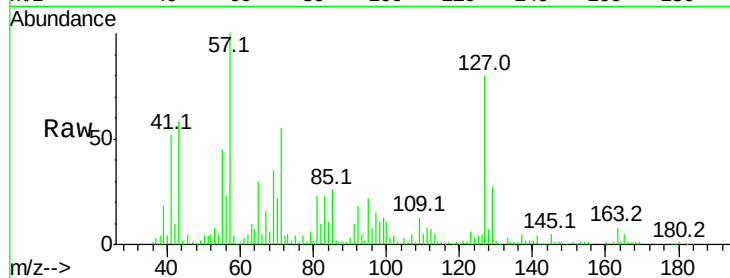
Ion Ratio Lower Upper

127 100

129 33.1 26.3 39.5

65 38.0 25.8 38.8

92 22.0 16.1 24.1

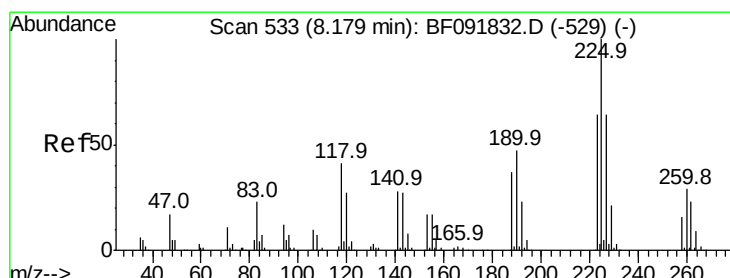
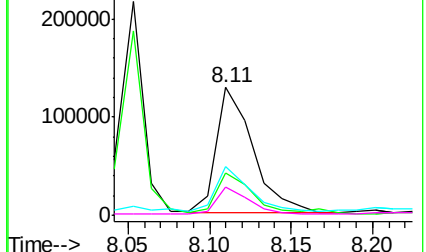
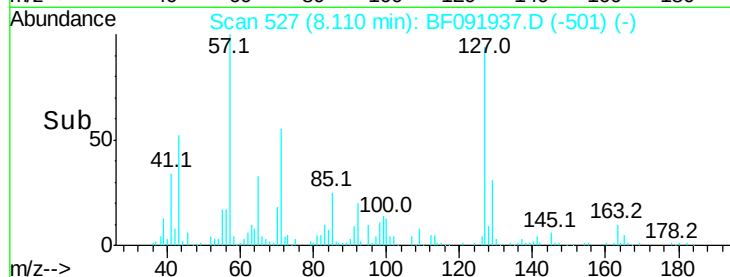


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.87 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

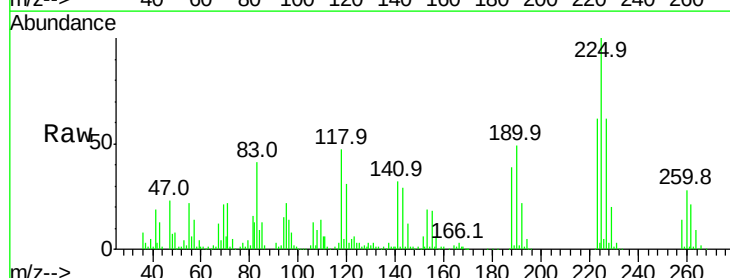
Tgt Ion:225 Resp: 288125

Ion Ratio Lower Upper

225 100

223 61.8 51.0 76.6

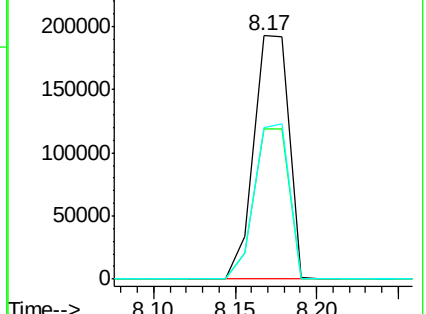
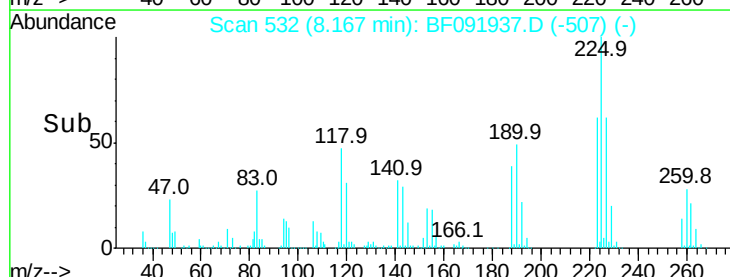
227 62.3 50.6 76.0

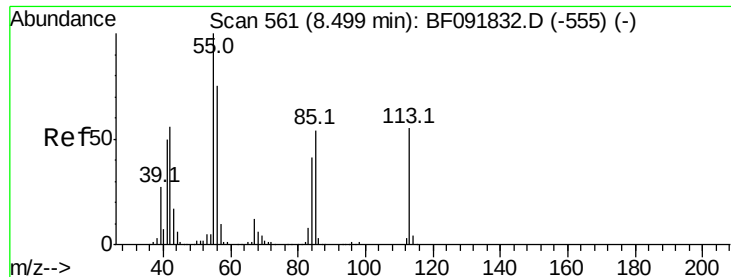


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 73.58 ng/ml

RT: 8.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

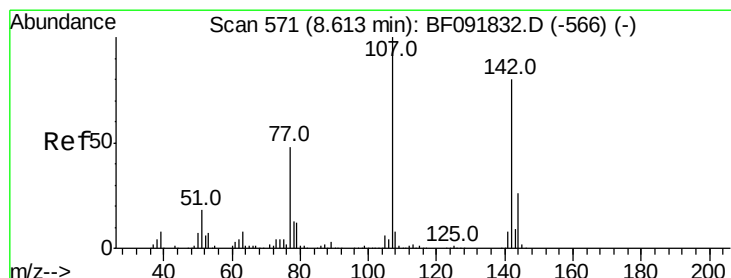
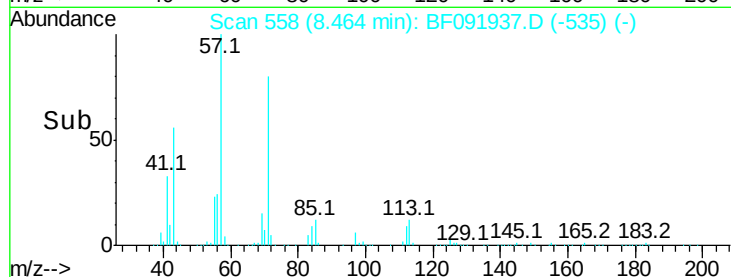
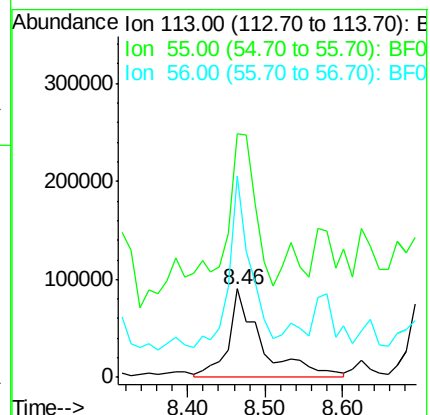
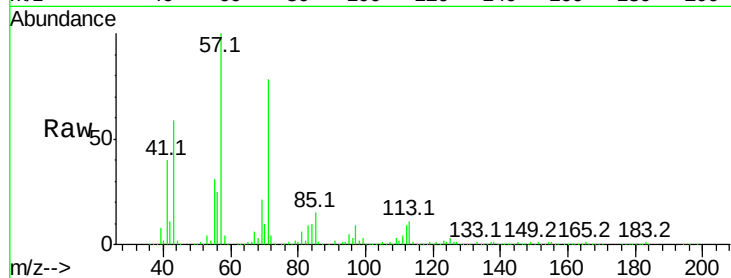
Tot Ion:113 Resp: 268437

Ion Ratio Lower Upper

113 100

55 276.0 119.2 159.2#

56 228.2 83.8 123.8#



#36

4-Chloro-3-methylphenol

Concen: 39.04 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

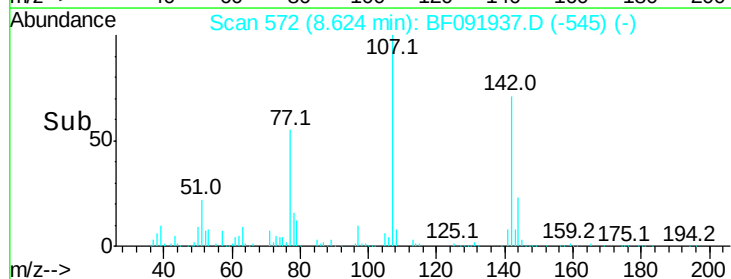
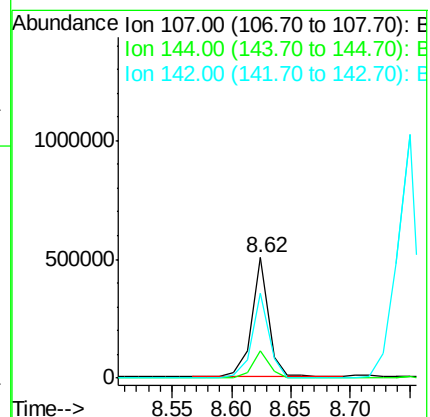
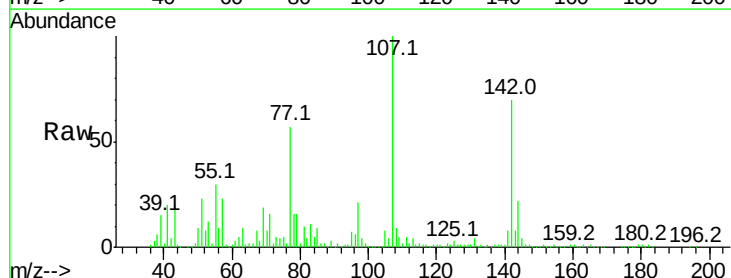
Tgt Ion:107 Resp: 498673

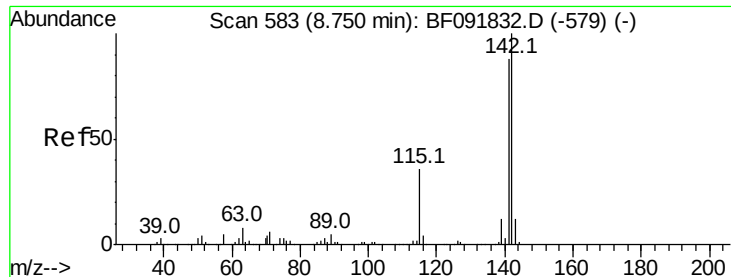
Ion Ratio Lower Upper

107 100

144 22.3 19.3 28.9

142 70.3 59.0 88.6

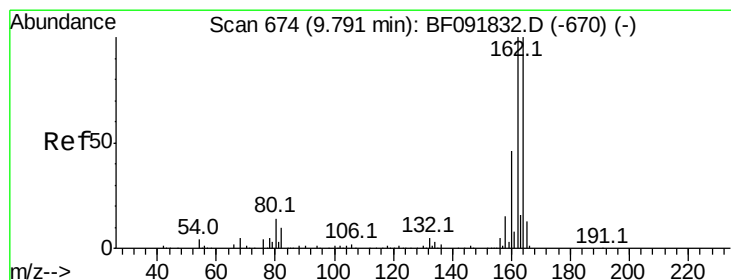
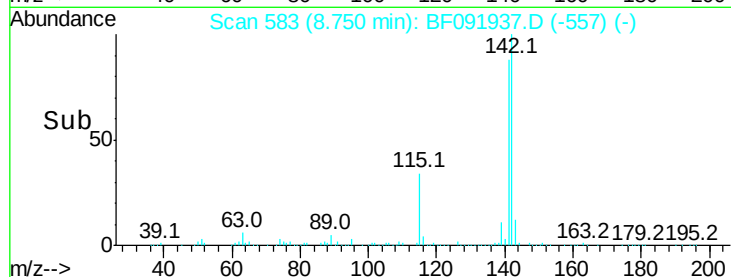
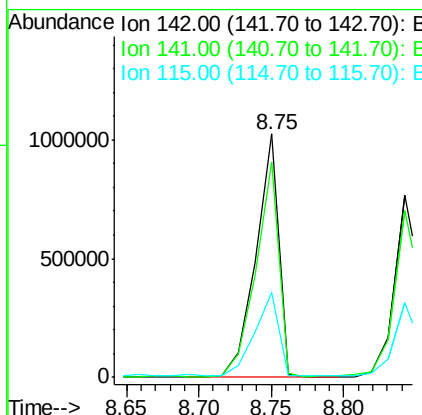
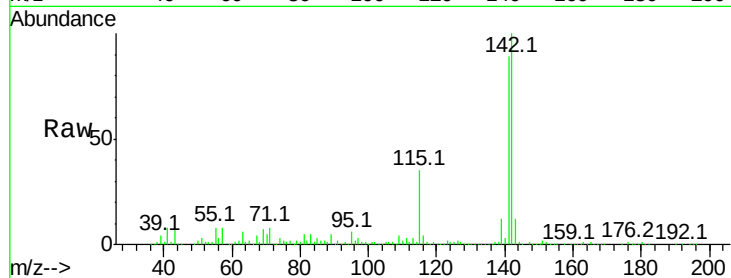




#37
2-Methylnaphthalene
Concen: 50.11 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

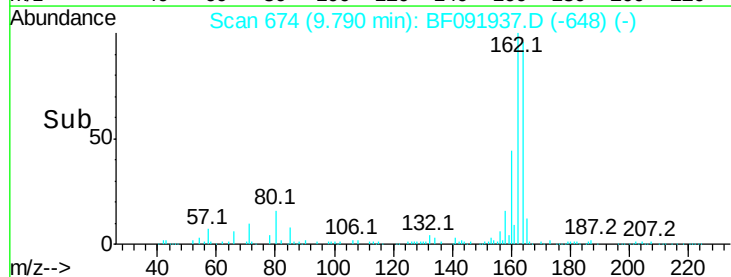
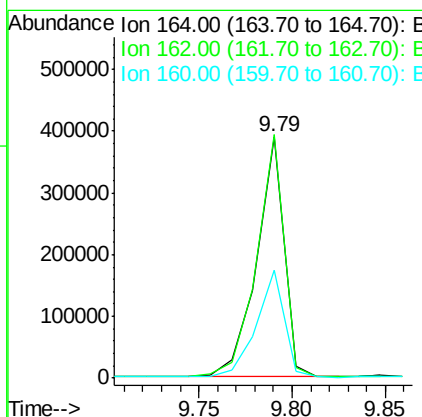
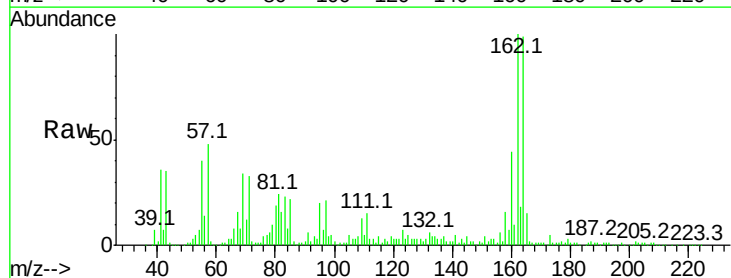
Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

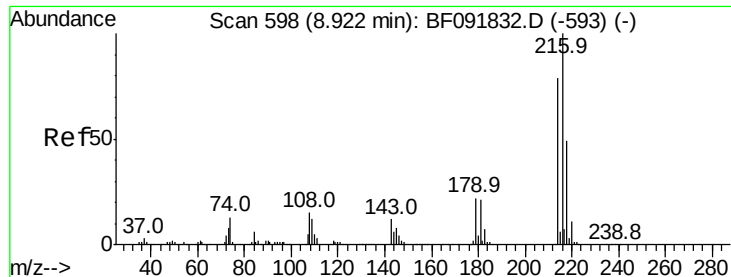
Tot Ion:142 Resp: 1115607
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 34.7 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Tgt Ion:164 Resp: 393917
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.5 36.9 55.3

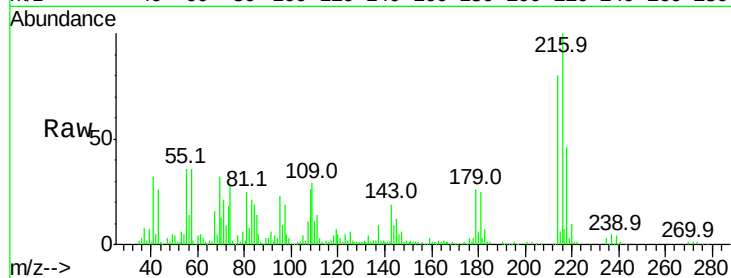




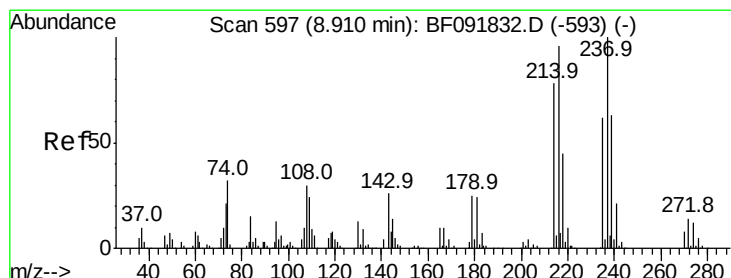
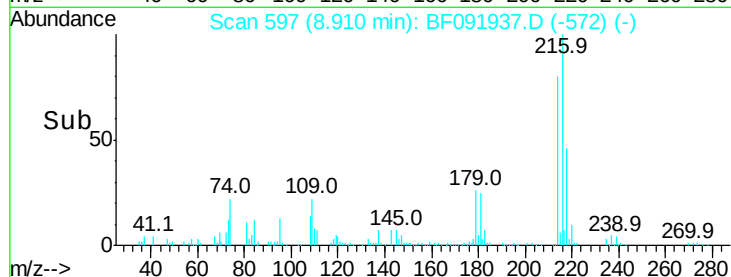
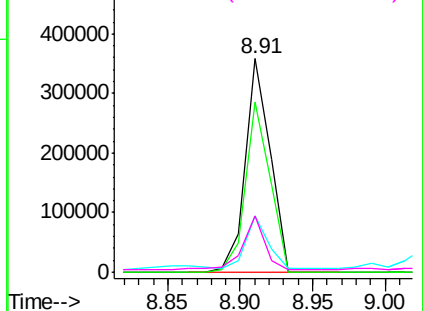
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.59 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Tot Ion:	216	Resp:	423872
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	23.1	17.4	26.2
108	22.9	15.6	23.4

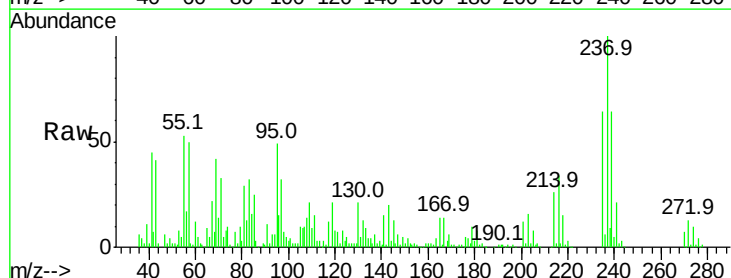


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

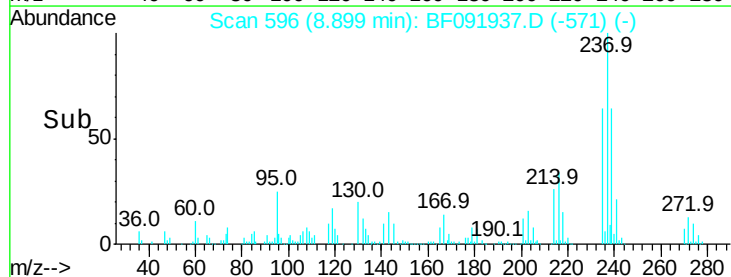
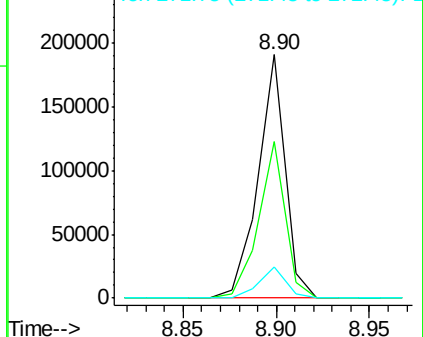


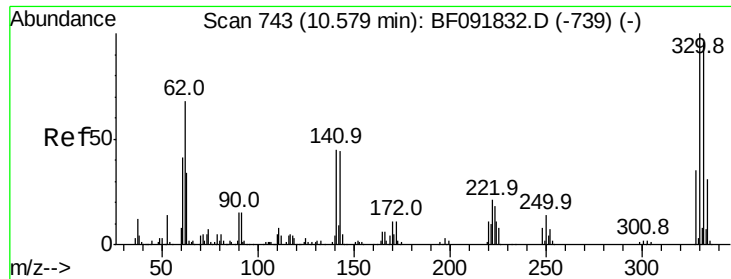
#40
 Hexachlorocyclopentadiene
 Concen: 44.87 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion:	237	Resp:	190736
Ion	Ratio	Lower	Upper
237	100		
235	64.1	41.2	81.2
272	12.8	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

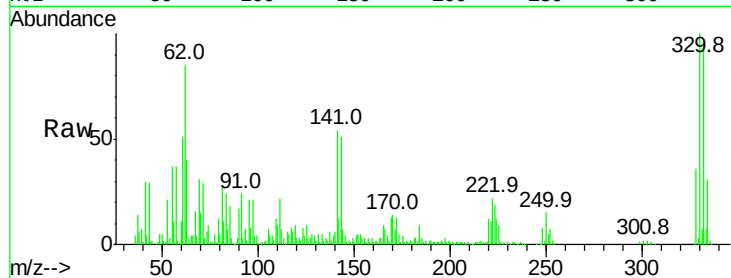




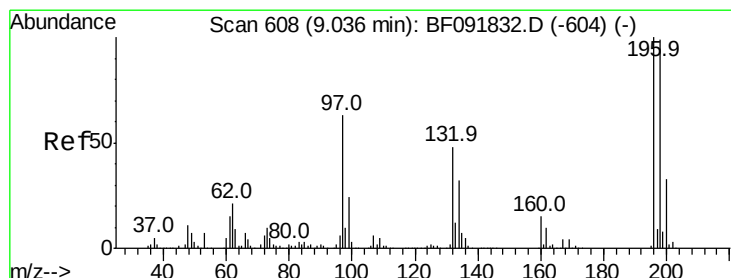
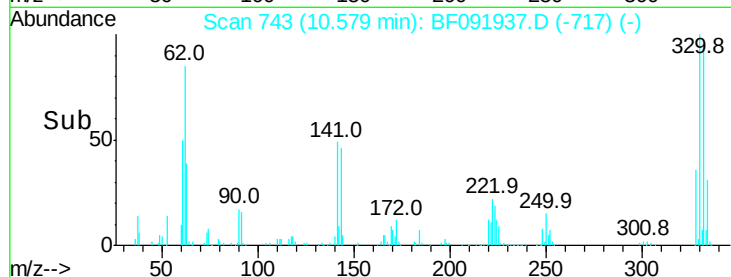
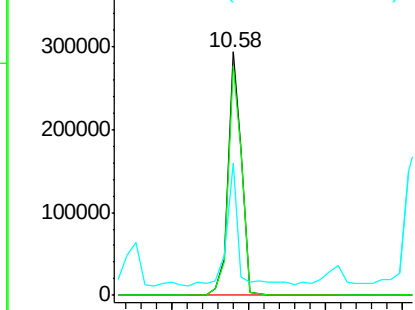
#41
 2,4,6-Tribromophenol
 Concen: 112.15 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	43.0	34.1	51.1

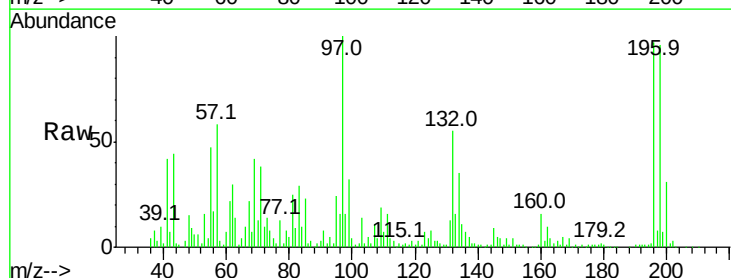


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

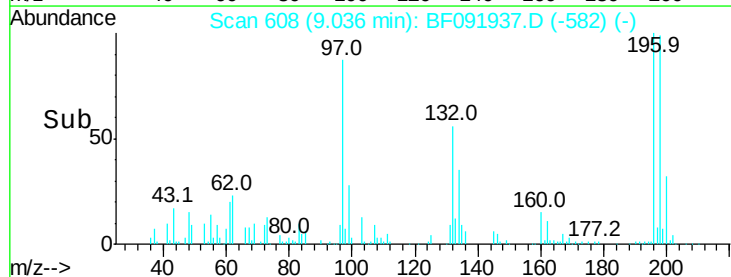
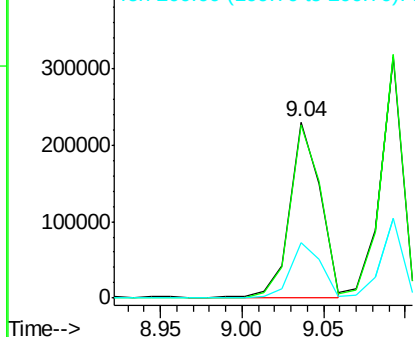


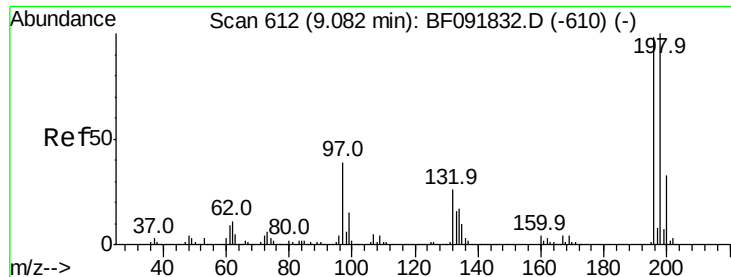
#42
 2,4,6-Trichlorophenol
 Concen: 42.65 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	82.1	123.1
200	31.8	27.0	40.4



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

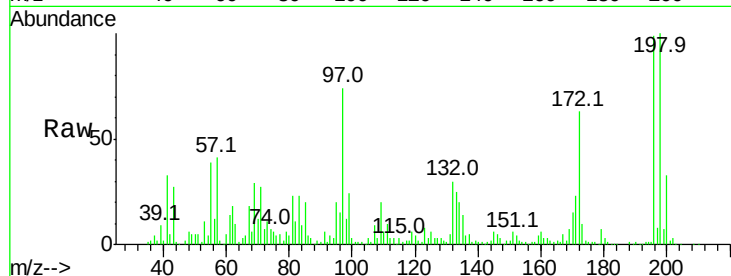




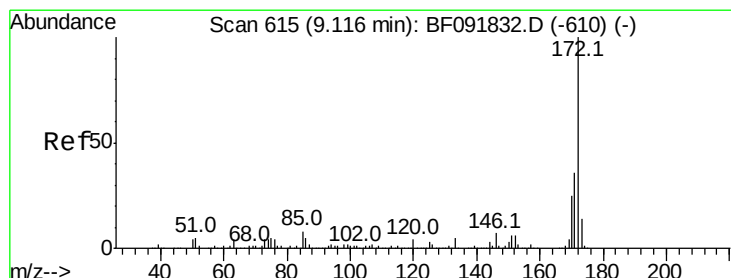
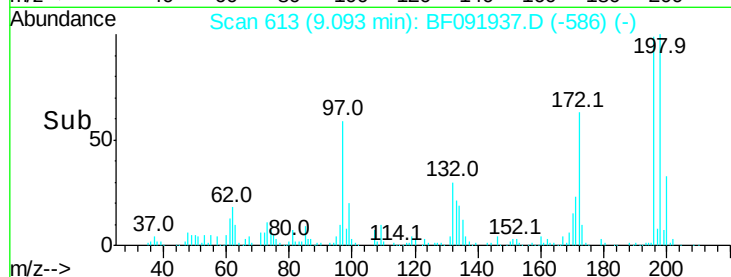
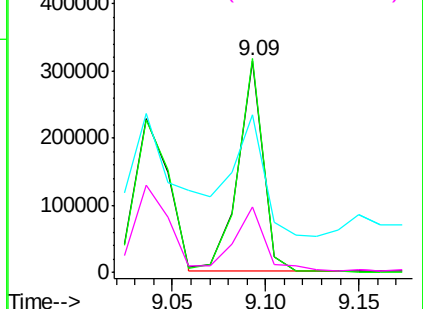
#43
 2,4,5-Trichlorophenol
 Concen: 41.59 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Tot Ion:196 Resp: 297880
 Ion Ratio Lower Upper
 196 100
 198 100.9 79.4 119.2
 97 74.3 51.5 77.3
 132 30.6 27.4 41.2

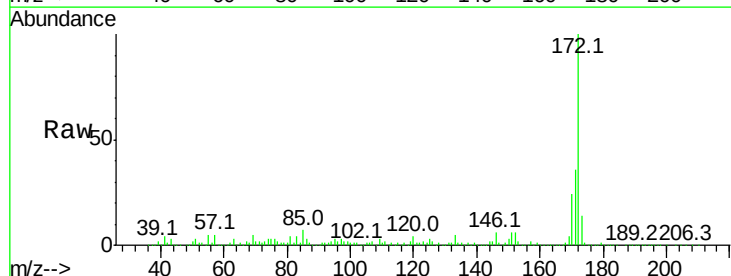


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

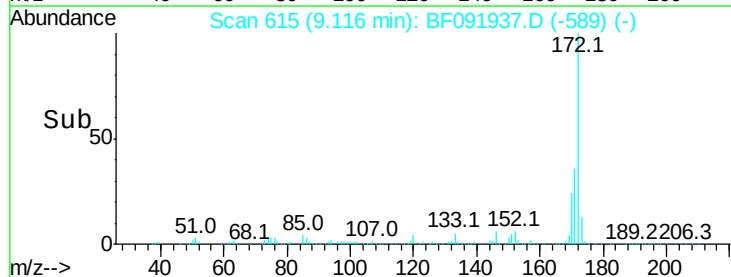
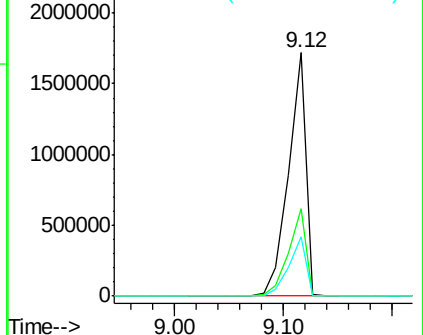


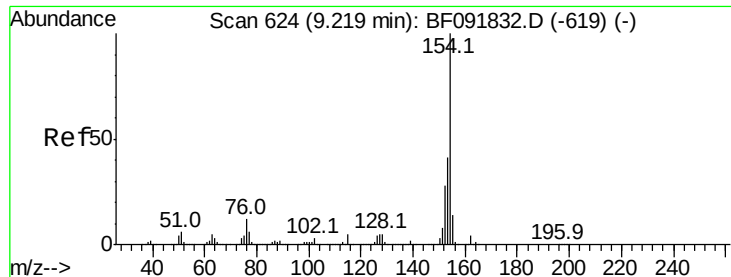
#44
 2-Fluorobiphenyl
 Concen: 103.00 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion:172 Resp: 1927787
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 44.15 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

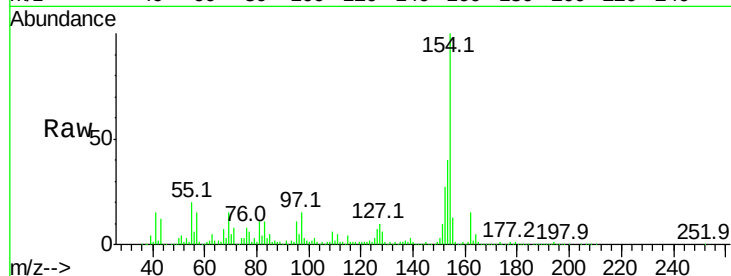
Tot Ion:154 Resp: 1190755

Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

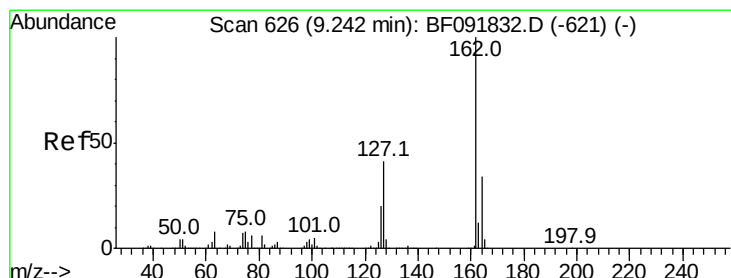
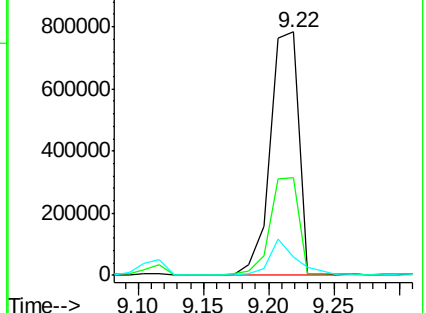
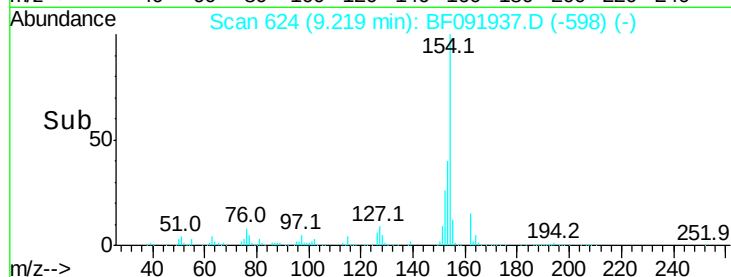
76 7.7 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.76 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

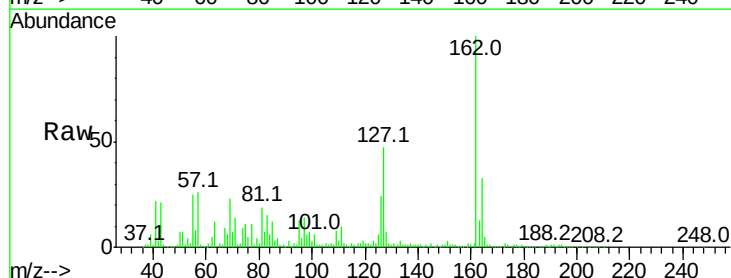
Tgt Ion:162 Resp: 891978

Ion Ratio Lower Upper

162 100

127 47.1 30.7 46.1#

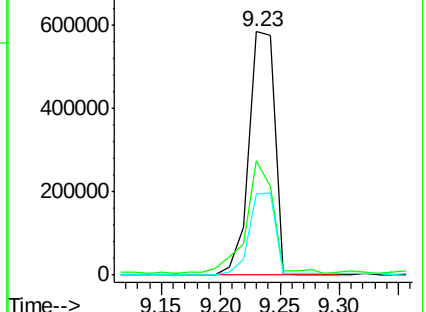
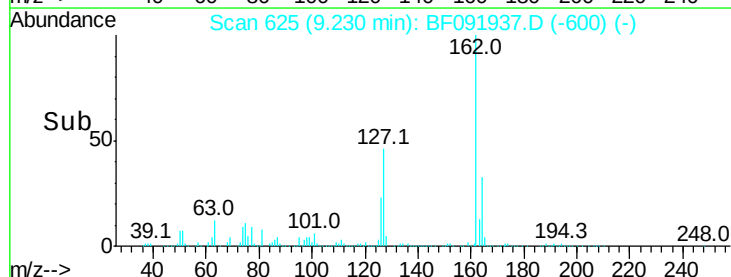
164 33.2 27.6 41.4

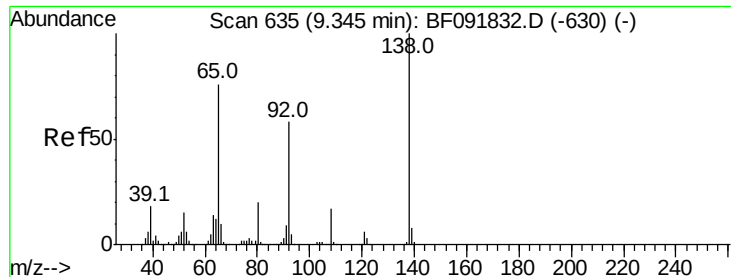


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.36 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

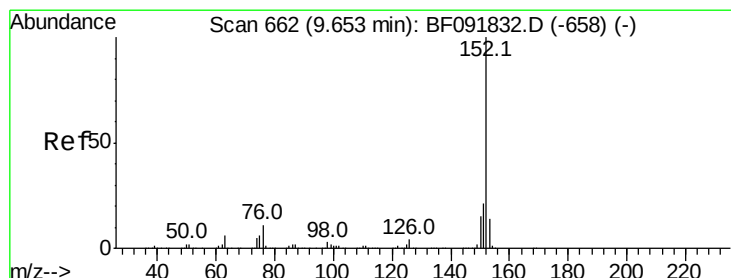
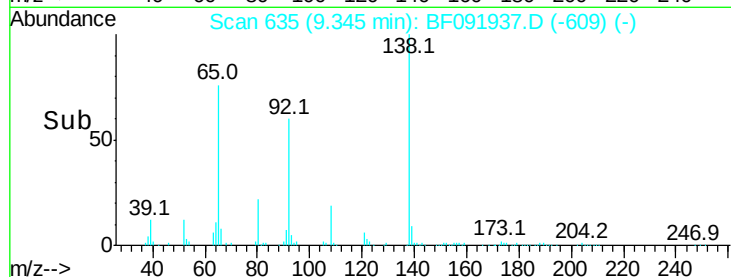
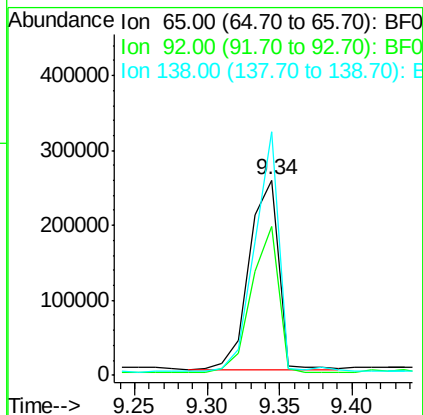
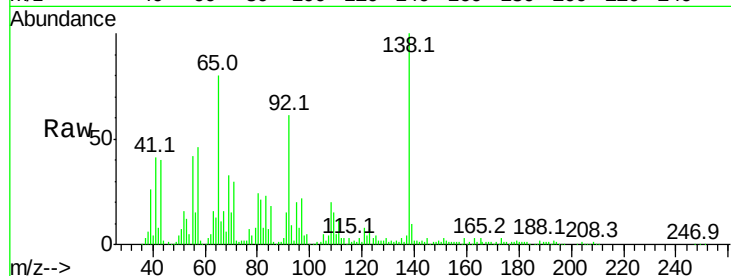
Tot Ion: 65 Resp: 352534

Ion Ratio Lower Upper

65 100

92 76.5 53.9 80.9

138 124.8 76.8 115.2#



#48

Acenaphthylene

Concen: 42.78 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

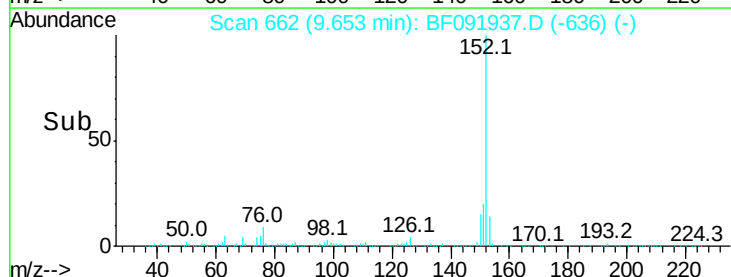
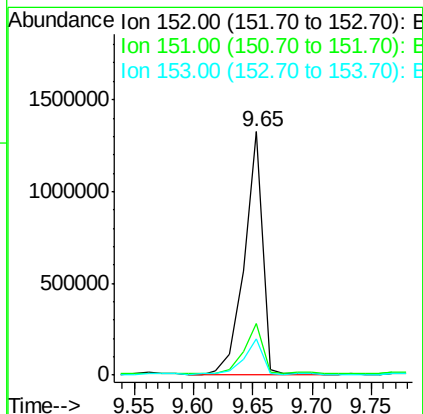
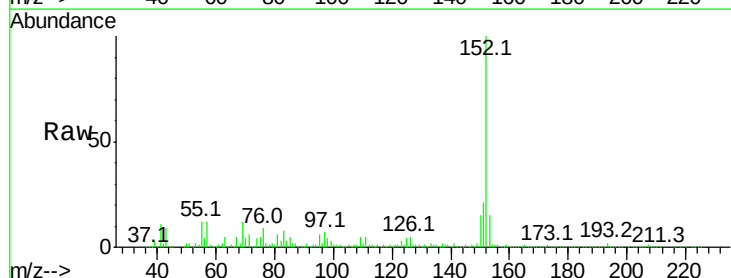
Tgt Ion: 152 Resp: 1405459

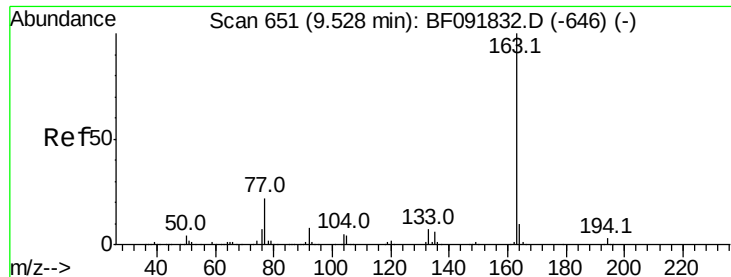
Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

153 14.7 11.4 17.2





#49

Dimethylphthalate

Concen: 46.17 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

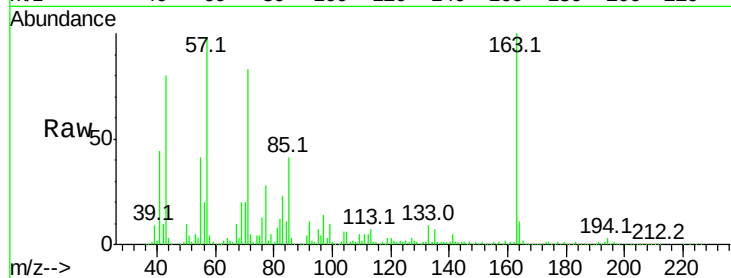
Tot Ion:163 Resp: 1163262

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

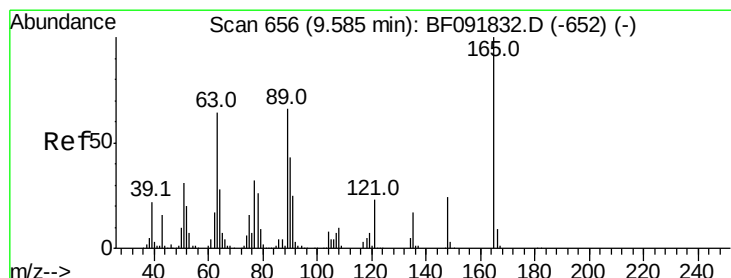
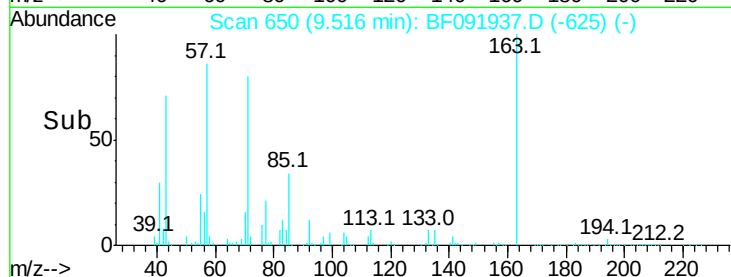
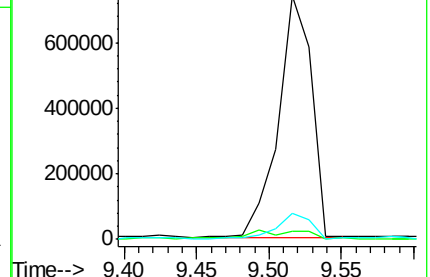
164 10.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.30 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

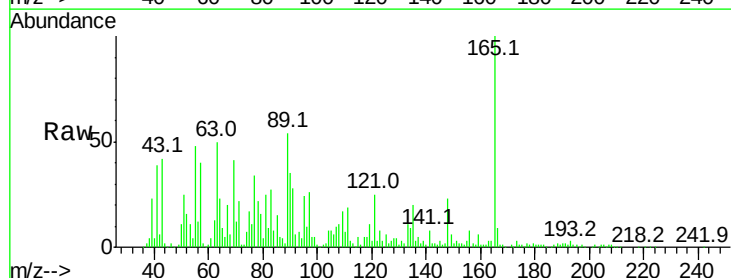
Tgt Ion:165 Resp: 260825

Ion Ratio Lower Upper

165 100

63 50.4 36.2 54.4

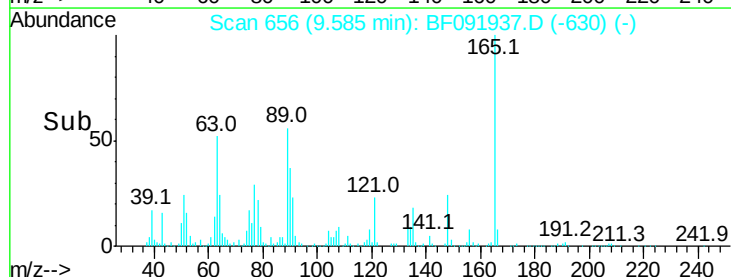
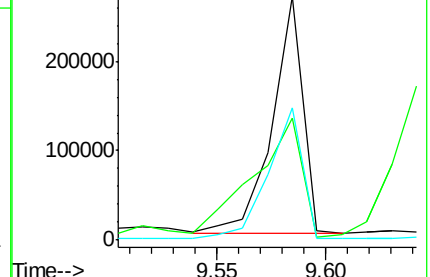
89 54.3 40.2 60.4

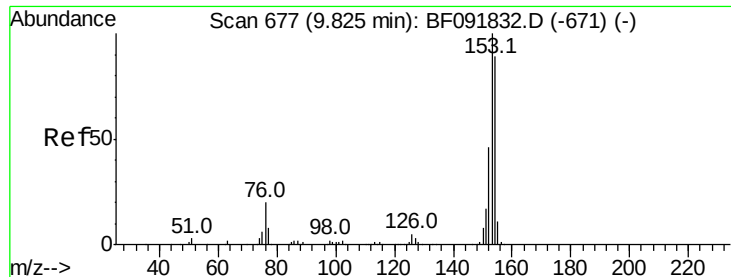


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.02 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

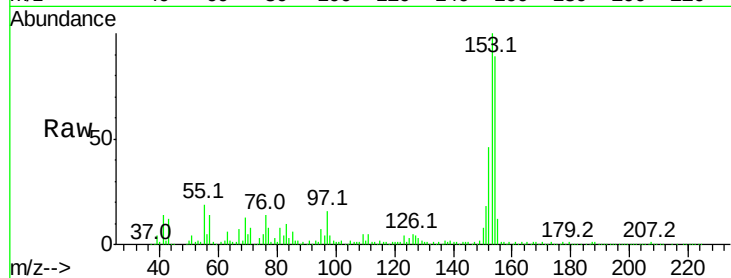
Tot Ion:154 Resp: 913591

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

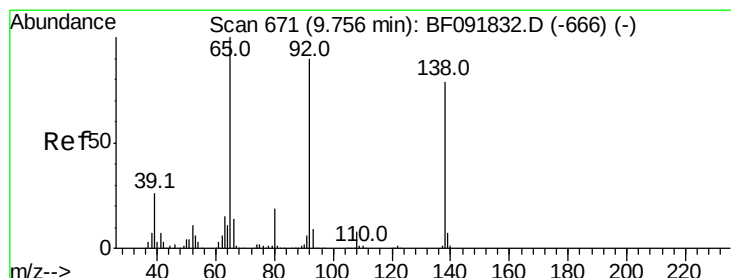
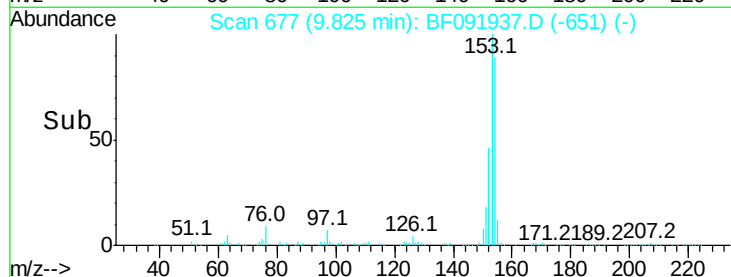
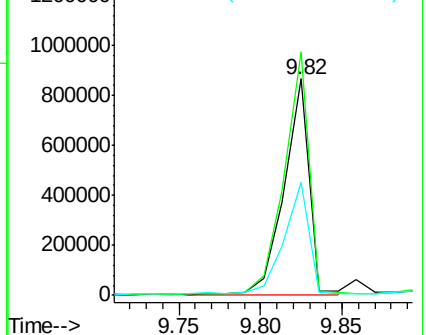
152 52.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.40 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

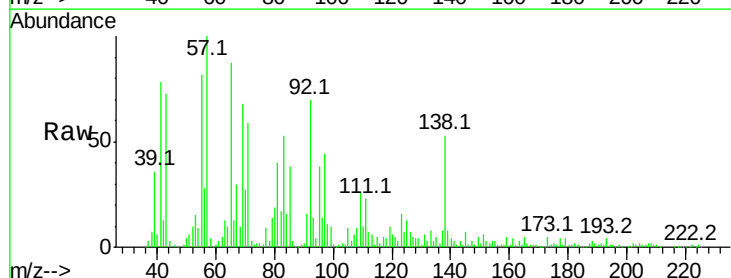
Tgt Ion:138 Resp: 152867

Ion Ratio Lower Upper

138 100

108 16.7 8.5 12.7#

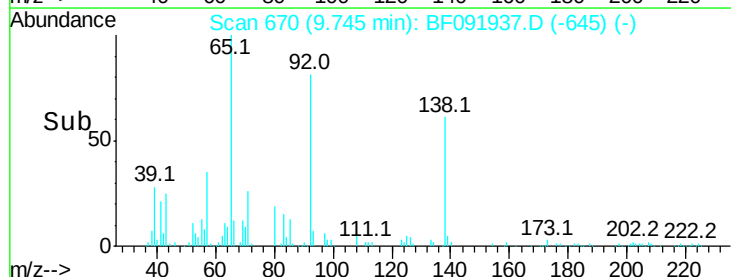
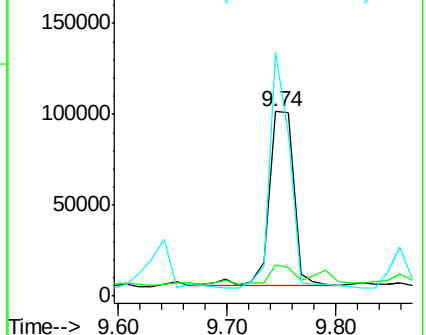
92 131.9 97.8 146.8

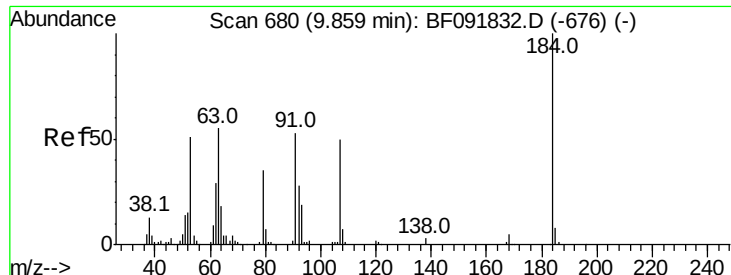


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

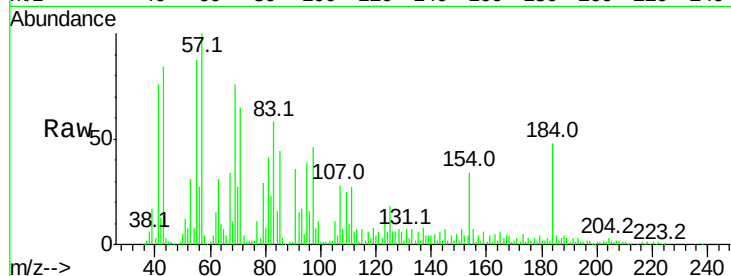




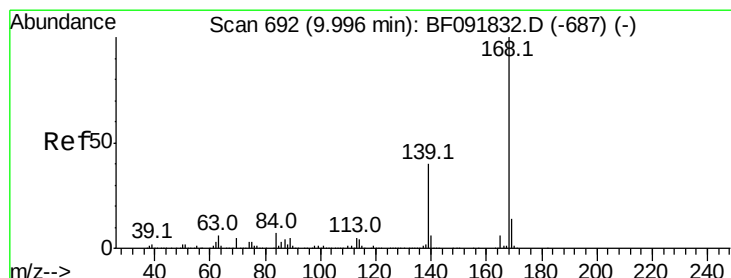
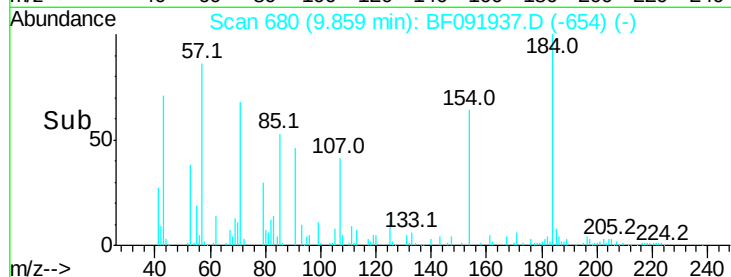
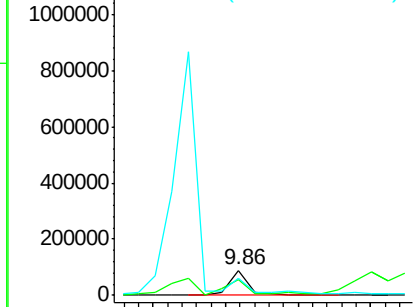
#53
2,4-Dinitrophenol
Concen: 27.90 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

Tot Ion:184 Resp: 85620
Ion Ratio Lower Upper
184 100
63 63.9 28.4 42.6#
154 69.9 44.3 66.5#

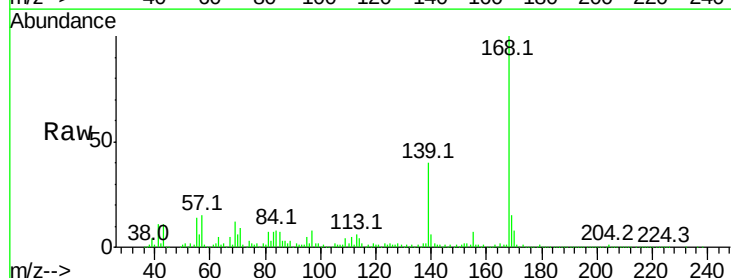


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

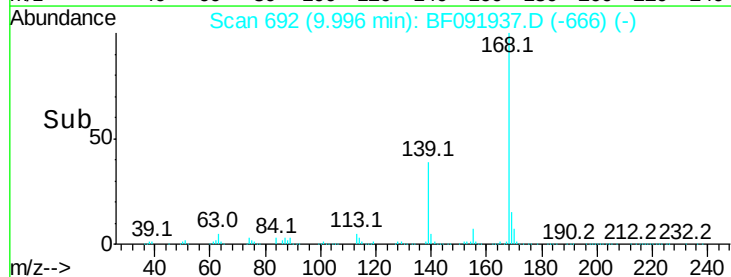
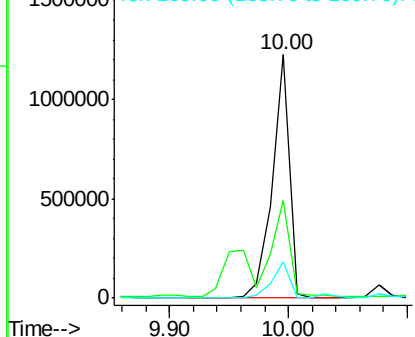


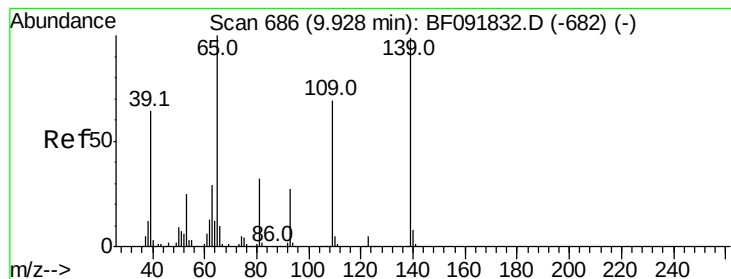
#54
Dibenzofuran
Concen: 40.85 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Tgt Ion:168 Resp: 1228608
Ion Ratio Lower Upper
168 100
139 40.3 32.6 49.0
169 15.0 11.3 16.9



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





#55

4-Nitrophenol

Concen: 79.32 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.03 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

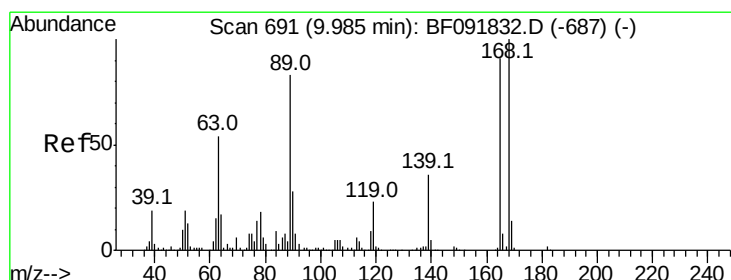
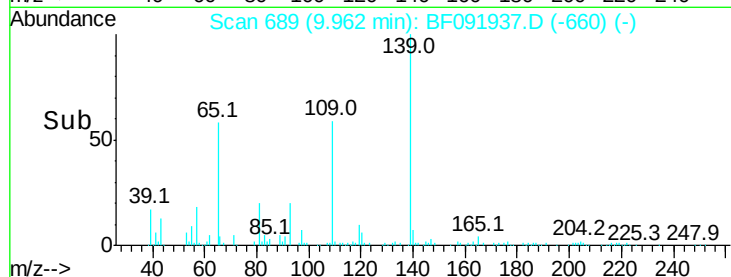
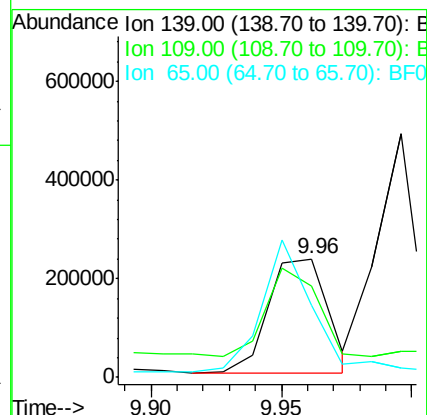
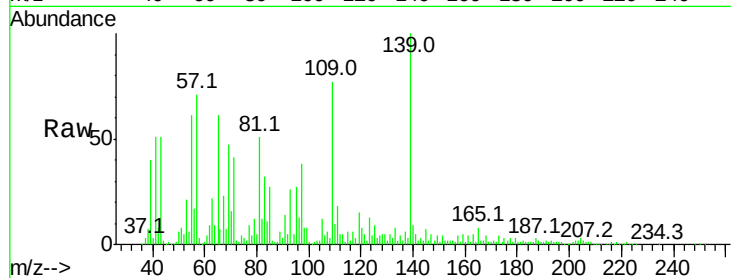
Tot Ion:139 Resp: 367557

Ion Ratio Lower Upper

139 100

109 76.6 52.2 92.2

65 61.3 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 45.05 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Tgt Ion:165 Resp: 311803

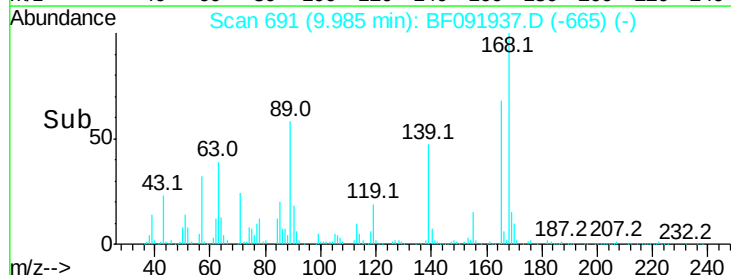
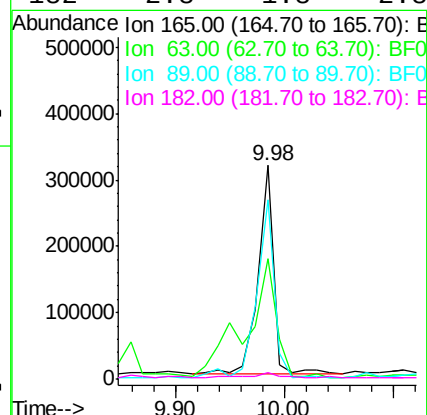
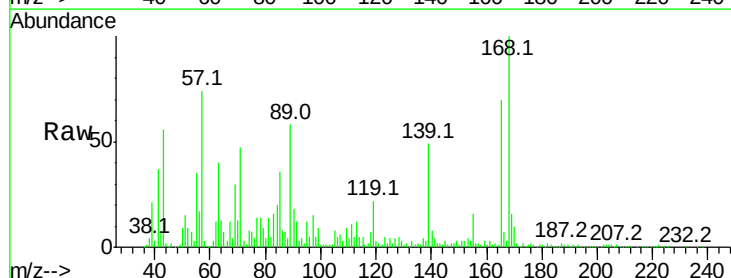
Ion Ratio Lower Upper

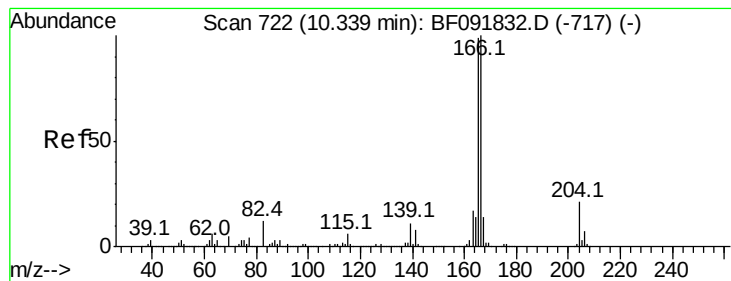
165 100

63 56.6 40.2 60.4

89 83.7 62.5 93.7

182 2.8 1.8 2.8#





#57

Fluorene

Concen: 44.09 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

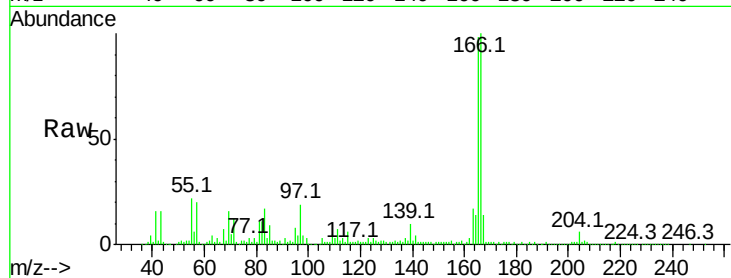
Tot Ion:166 Resp: 964757

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

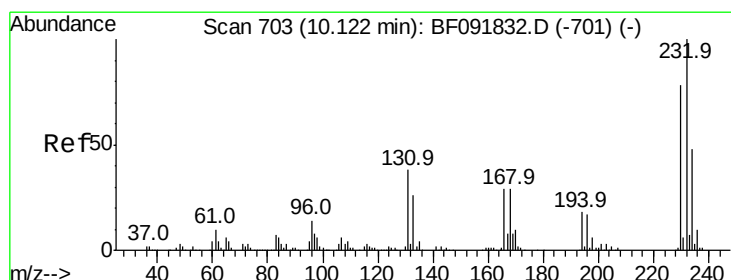
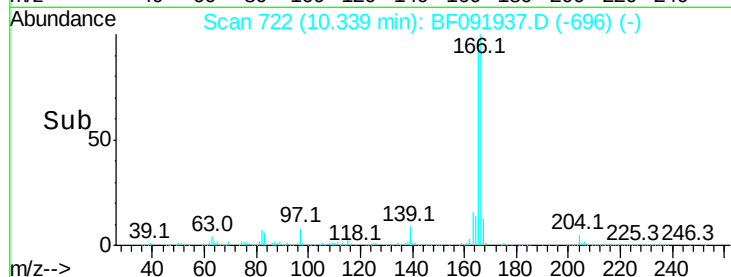
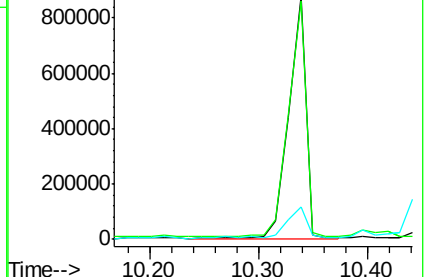
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.10 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Tgt Ion:232 Resp: 227192

Ion Ratio Lower Upper

232 100

131 63.0 40.1 60.1#

130 5.9 1.8 2.8#

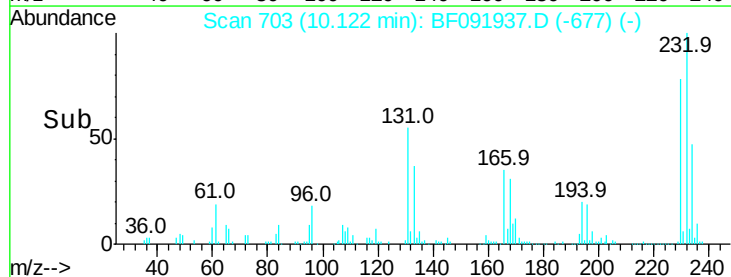
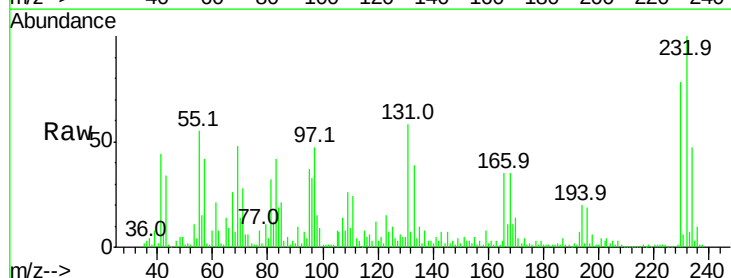
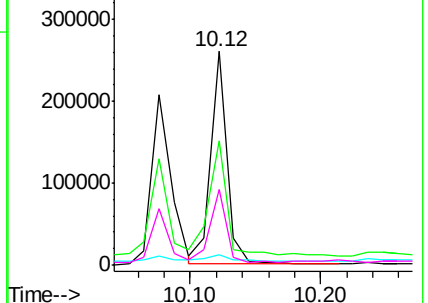
166 33.8 26.6 39.8

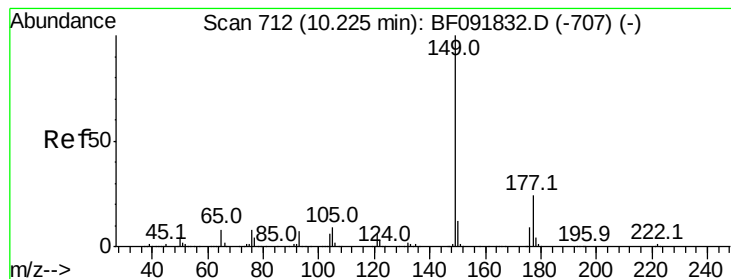
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.09 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

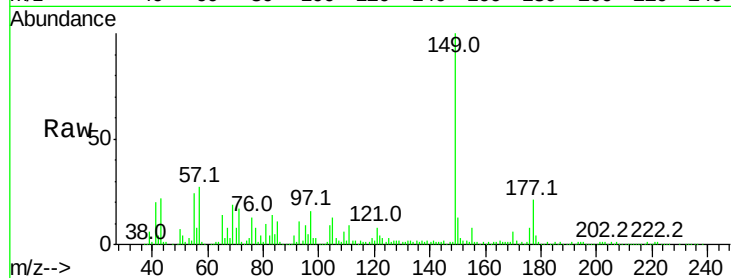
Tot Ion:149 Resp: 980889

Ion Ratio Lower Upper

149 100

177 20.8 16.6 25.0

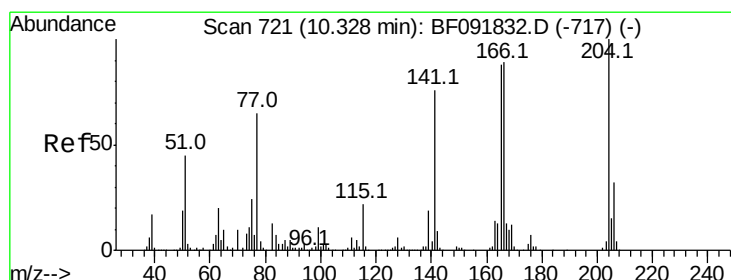
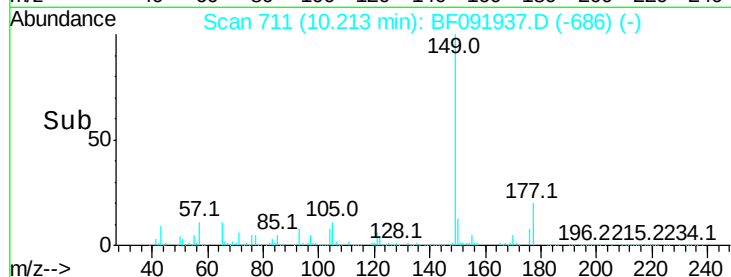
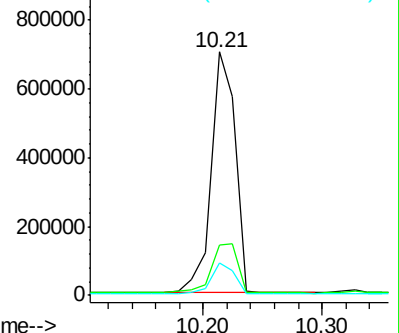
150 13.3 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.70 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

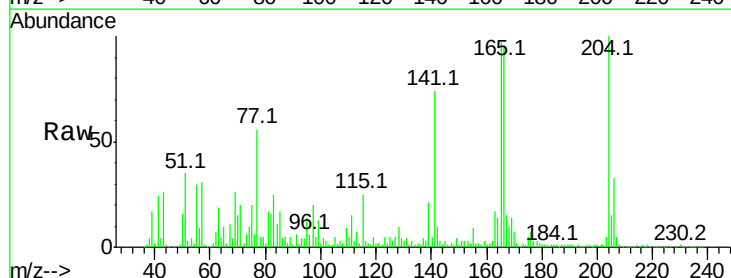
Tgt Ion:204 Resp: 399562

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

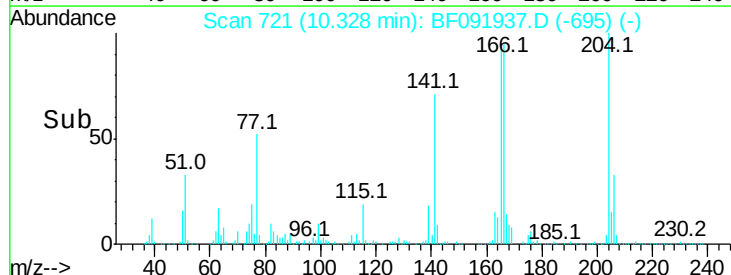
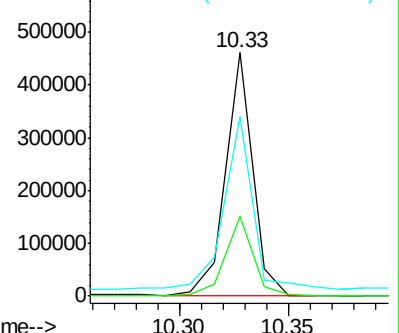
141 74.0 59.4 89.0

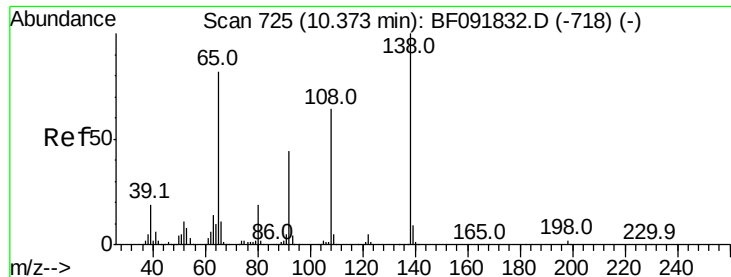


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.63 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

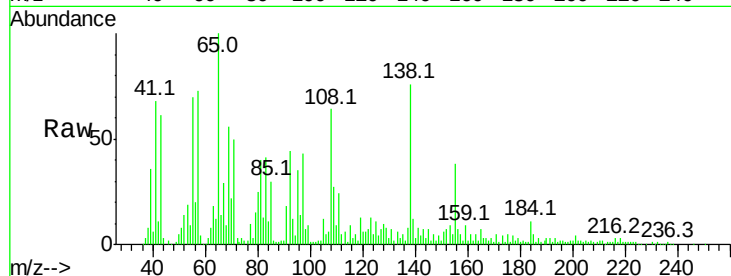
Tot Ion:138 Resp: 188349

Ion Ratio Lower Upper

138 100

92 57.2 31.7 71.7

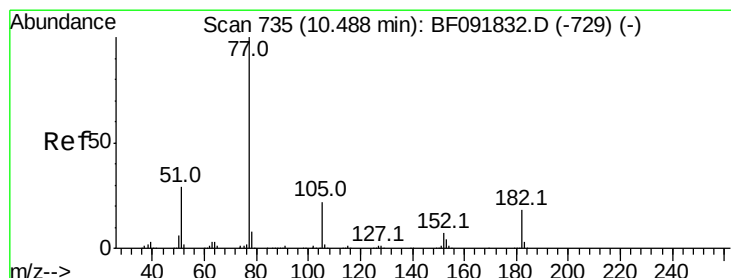
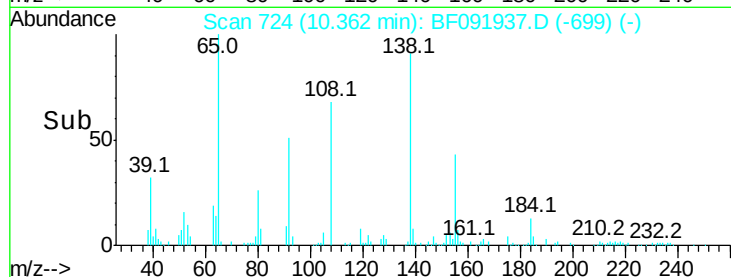
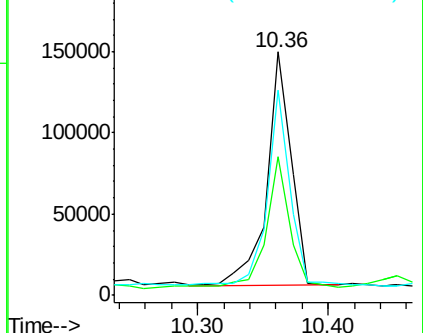
108 84.3 52.6 92.6



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: 42.45 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Tgt Ion: 77 Resp: 1143702

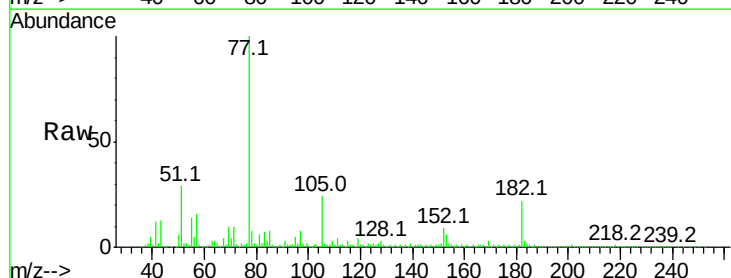
Ion Ratio Lower Upper

77 100

182 21.8 0.0 39.3

105 23.8 2.3 42.3

51 28.9 8.9 48.9

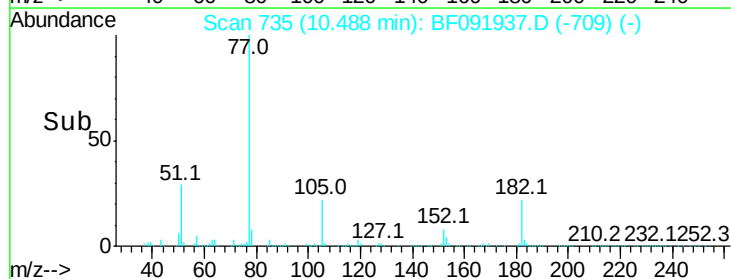
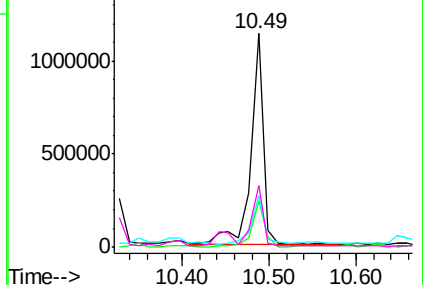


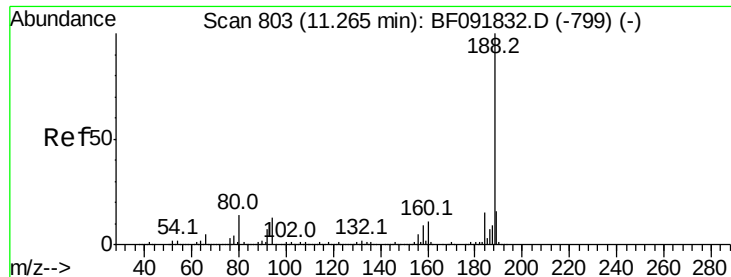
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

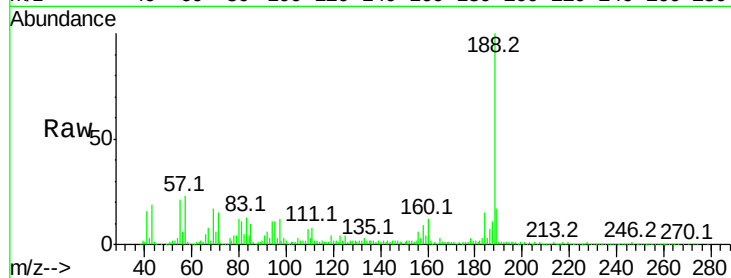




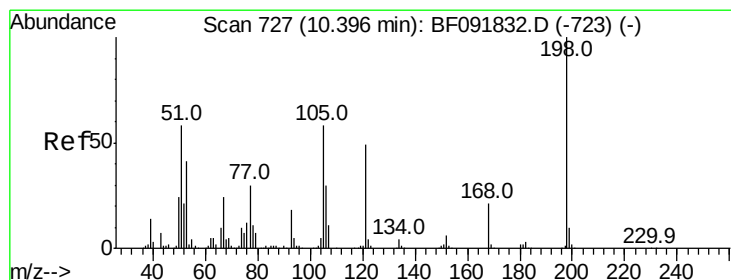
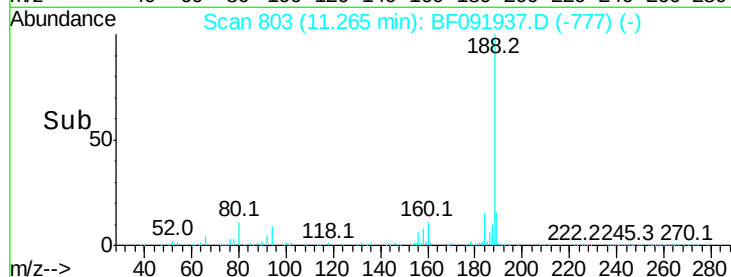
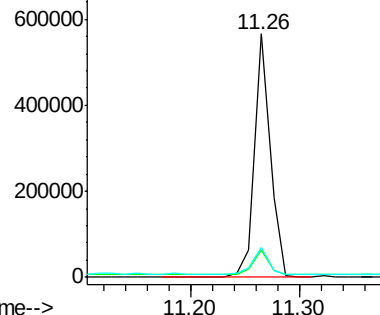
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

Tot Ion:188 Resp: 565852
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.2 11.2 16.8

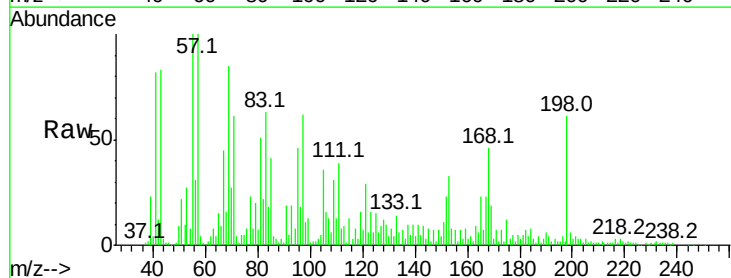


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

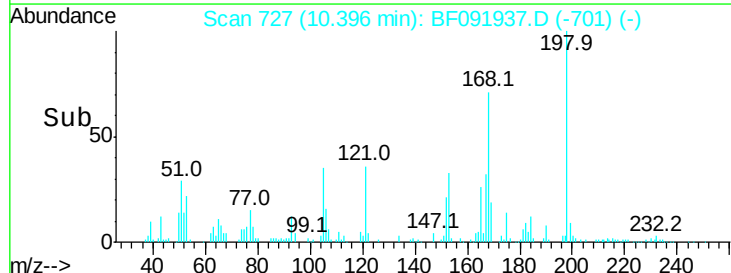
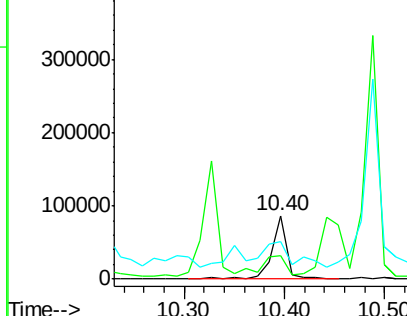


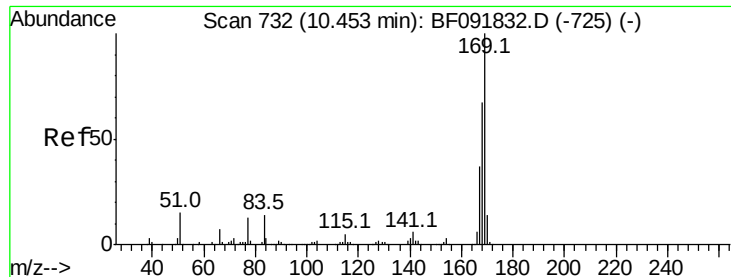
#64
4,6-Dinitro-2-methylphenol
Concen: 25.07 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Tgt Ion:198 Resp: 85768
Ion Ratio Lower Upper
198 100
51 36.9 6.7 46.7
105 58.7 16.6 56.6#



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





#65

n-Nitrosodiphenylamine

Concen: 50.48 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

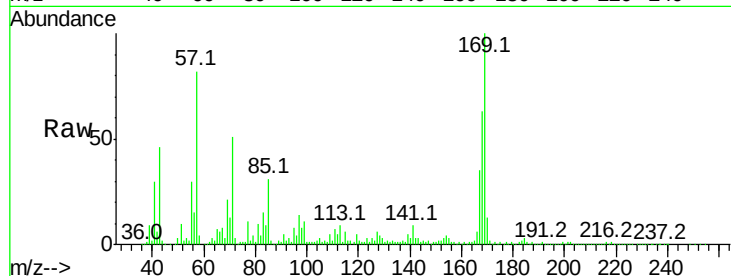
Tot Ion:169 Resp: 847637

Ion Ratio Lower Upper

169 100

168 63.1 54.2 81.2

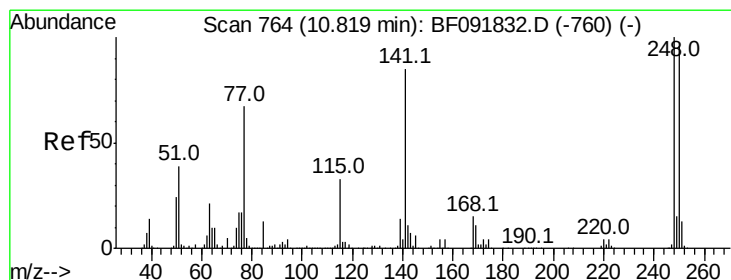
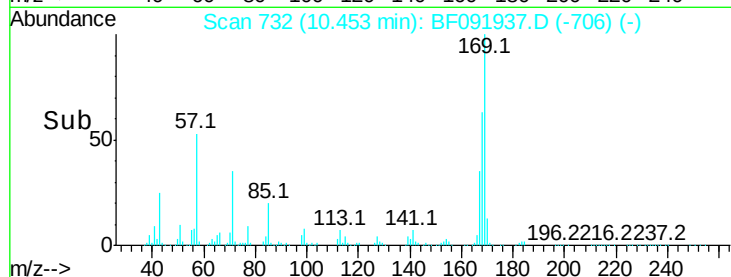
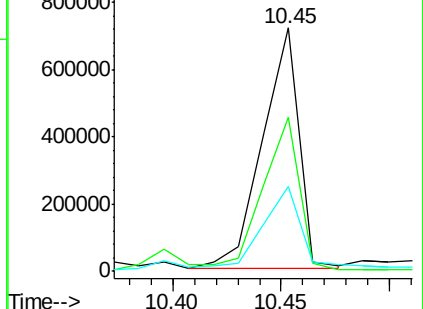
167 35.1 30.2 45.4



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: 46.85 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

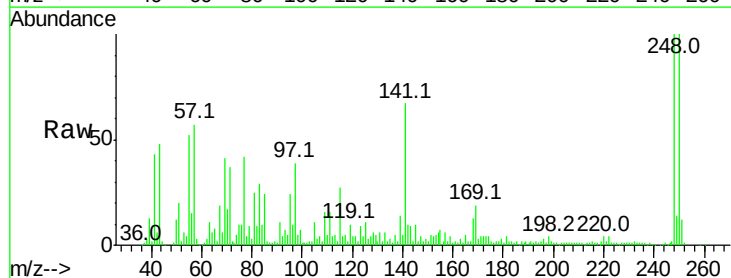
Tgt Ion:248 Resp: 275787

Ion Ratio Lower Upper

248 100

250 99.8 76.9 115.3

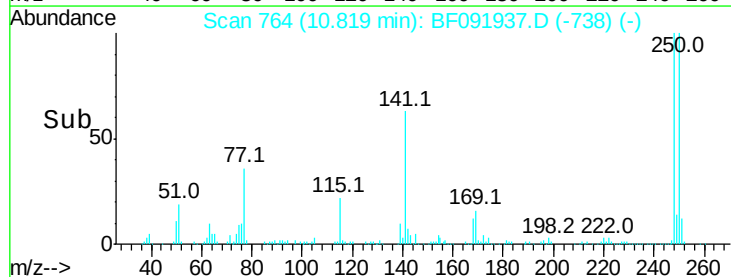
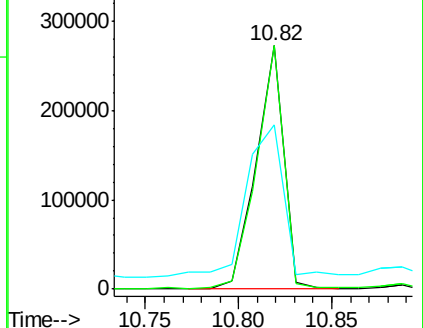
141 67.4 68.2 102.4#

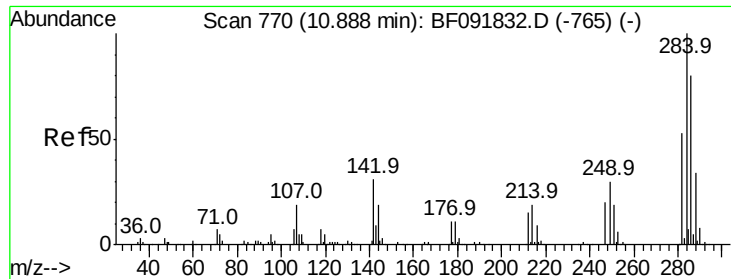


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

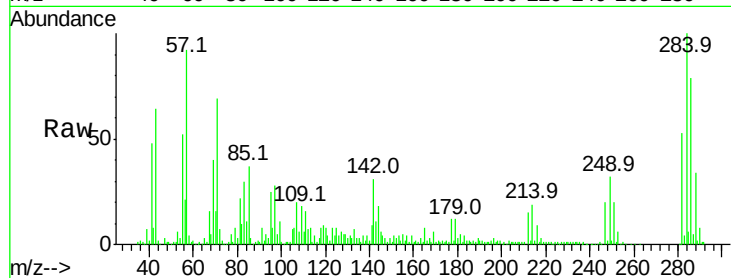




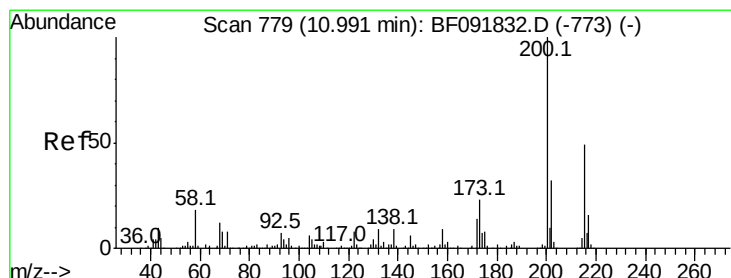
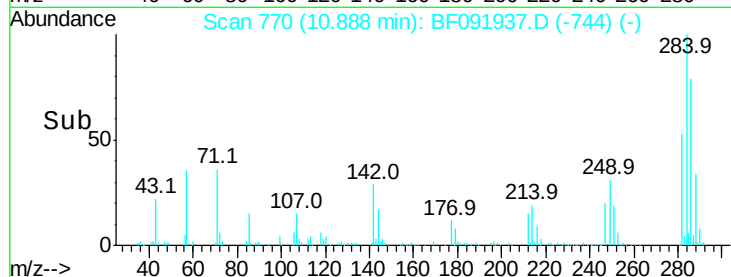
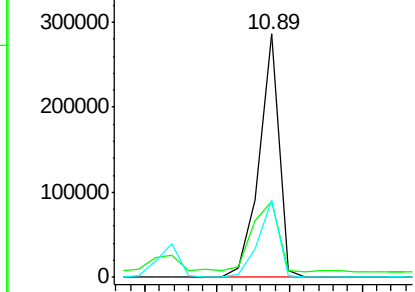
#67
Hexachlorobenzene
Concen: 43.21 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

Tot Ion:284 Resp: 271857
Ion Ratio Lower Upper
284 100
142 31.4 22.6 33.8
249 32.0 25.4 38.0

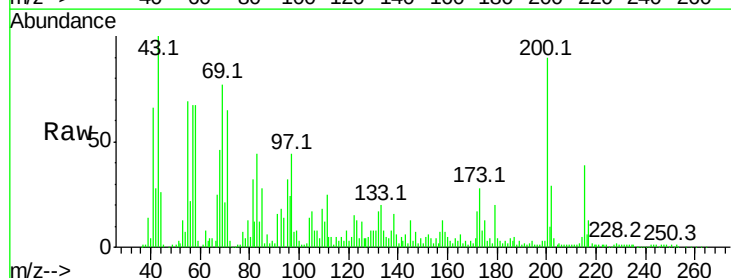


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

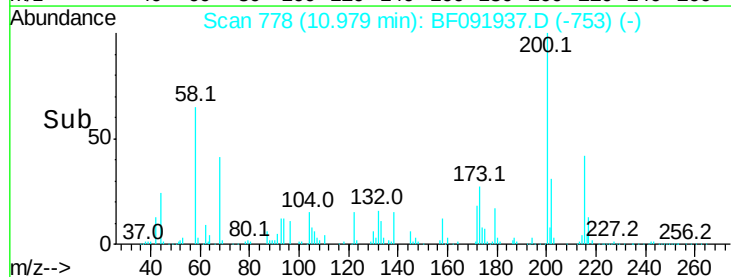
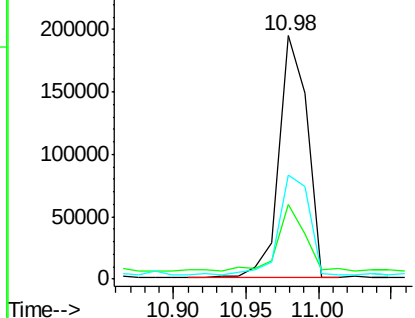


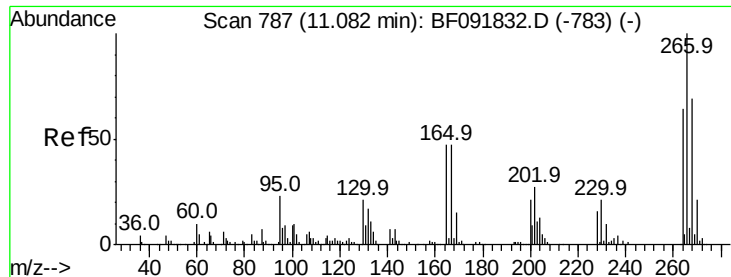
#68
Atrazine
Concen: 48.30 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Tgt Ion:200 Resp: 261605
Ion Ratio Lower Upper
200 100
173 30.6 9.6 49.6
215 42.9 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

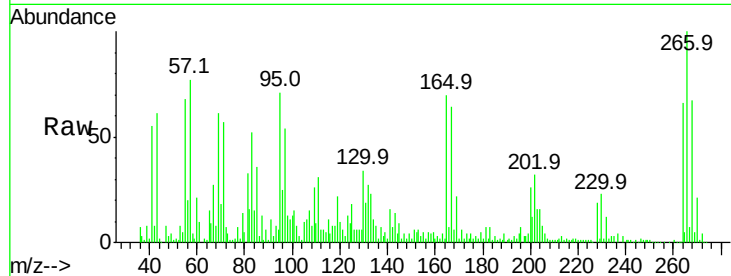




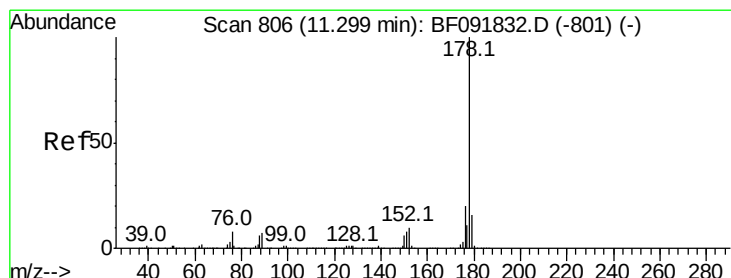
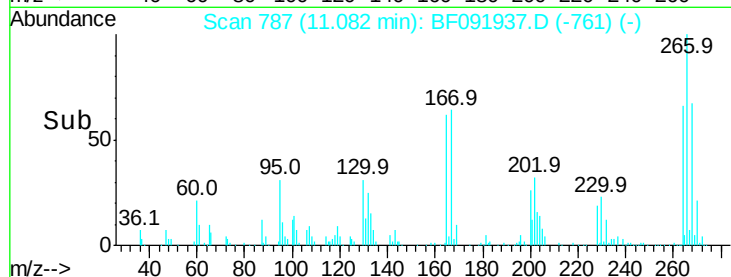
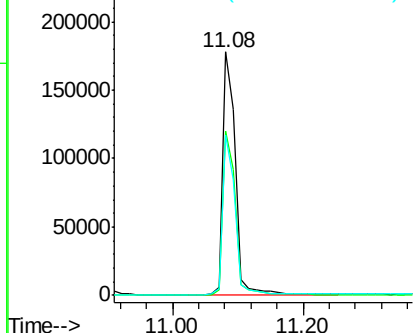
#69
 Pentachlorophenol
 Concen: 80.00 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Tot Ion:266 Resp: 246960
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.3 79.9
 264 65.7 50.3 75.5

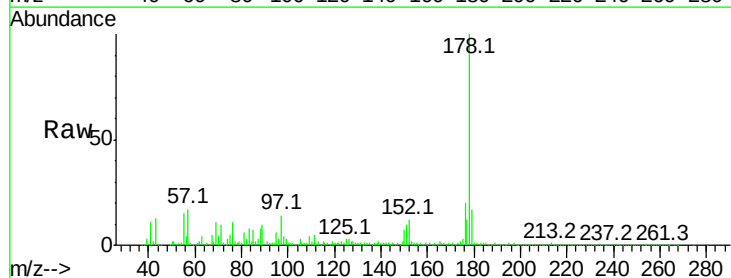


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

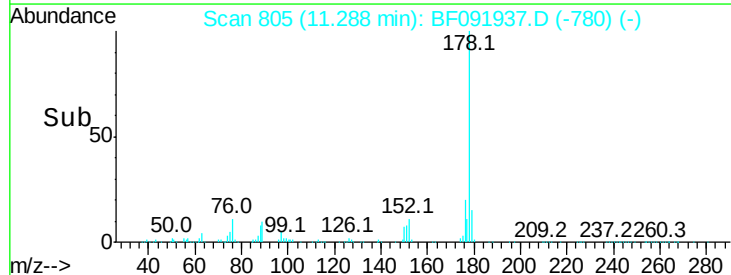
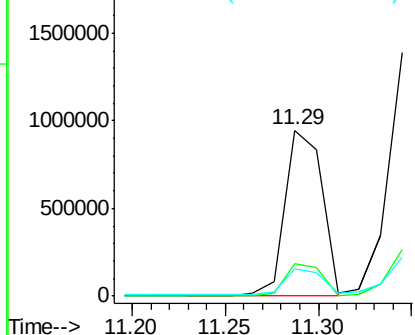


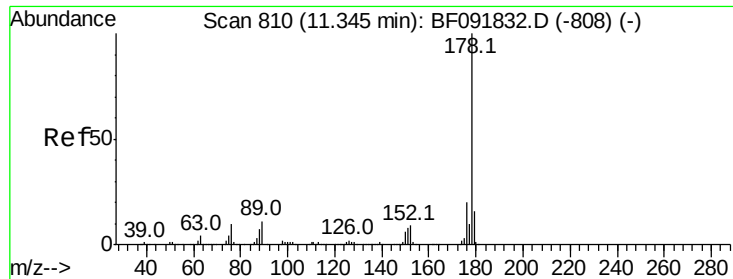
#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion:178 Resp: 1292414
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 16.5 12.8 19.2



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

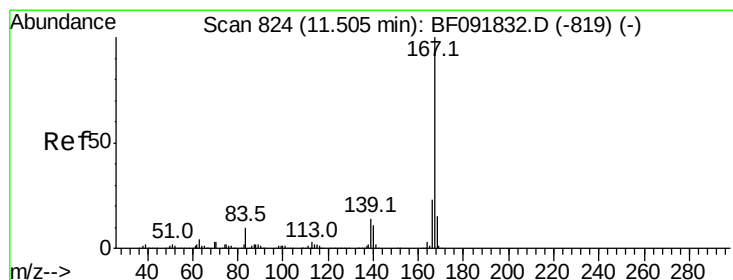
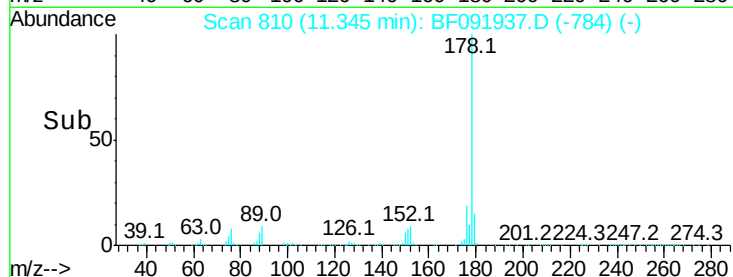
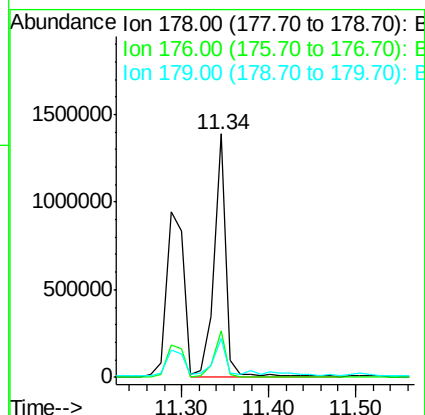
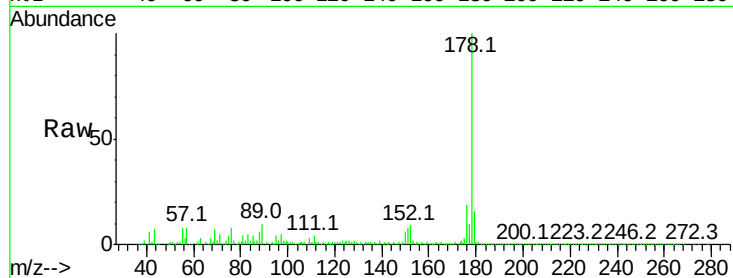




#71
 Anthracene
 Concen: 50.18 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

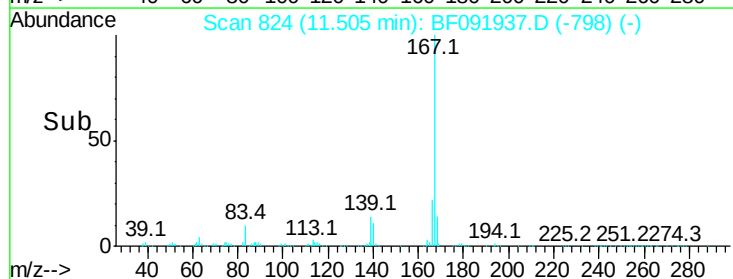
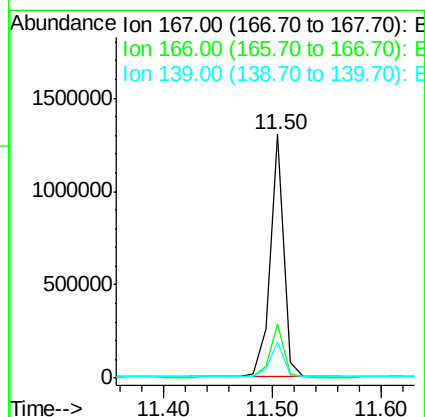
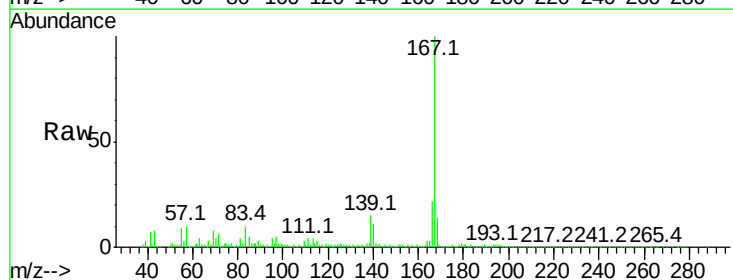
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

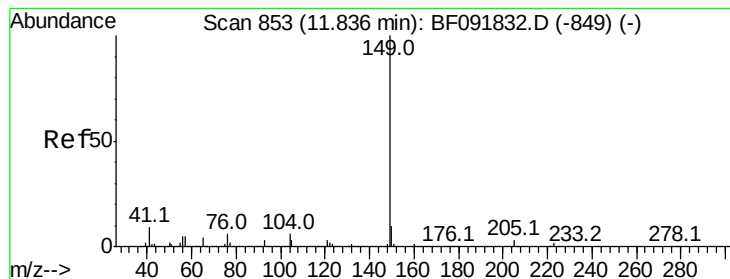
Tot Ion:178 Resp: 1311507
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 16.0 13.2 19.8



#72
 Carbazole
 Concen: 45.04 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion:167 Resp: 1137589
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 14.9 11.4 17.2





#73

Di-n-butylphthalate

Concen: 55.35 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

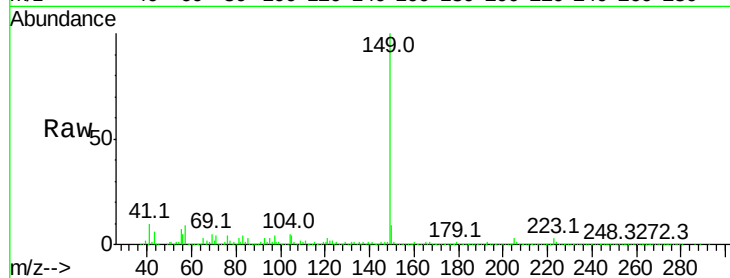
Tot Ion:149 Resp: 1581853

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

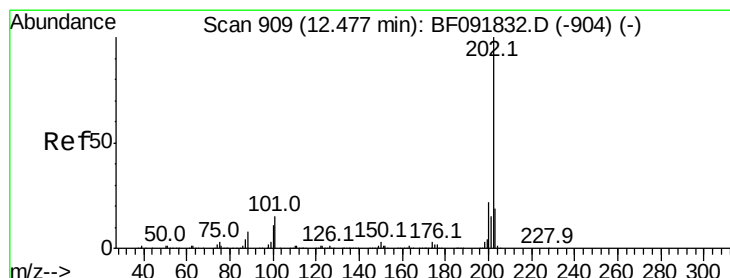
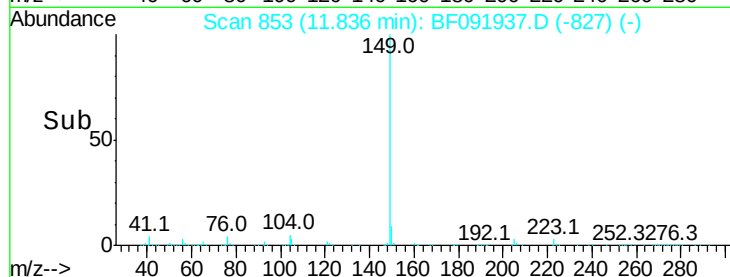
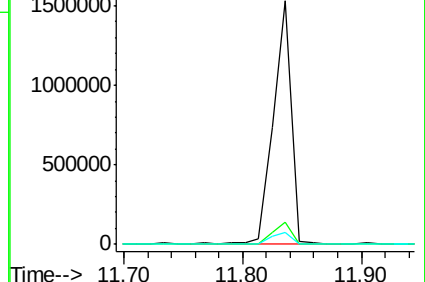
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.90 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

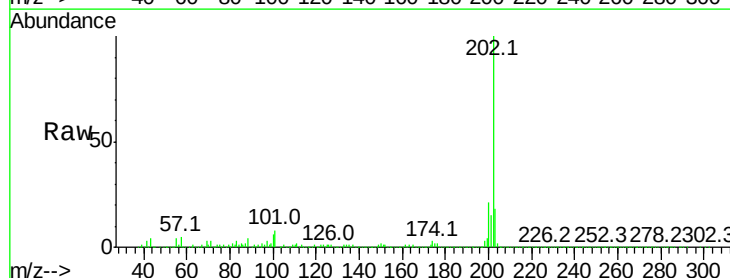
Tgt Ion:202 Resp: 1258118

Ion Ratio Lower Upper

202 100

101 7.9 0.0 34.6

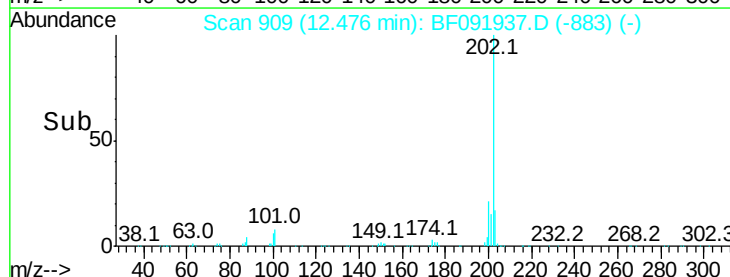
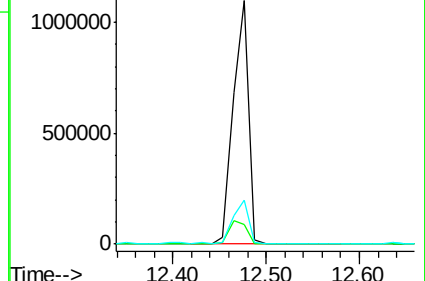
203 17.9 0.0 38.7

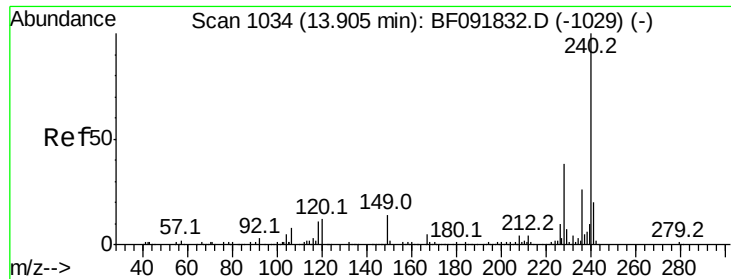


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

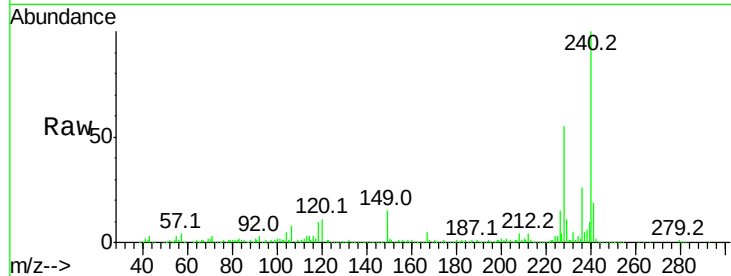
Tot Ion:240 Resp: 437807

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

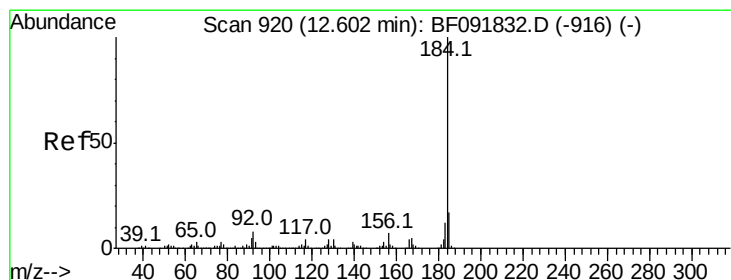
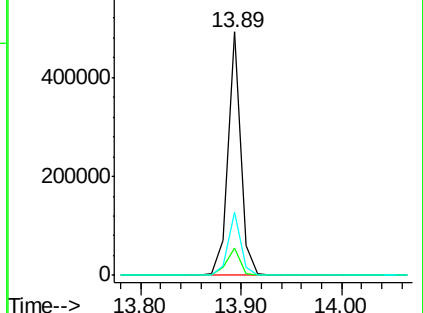
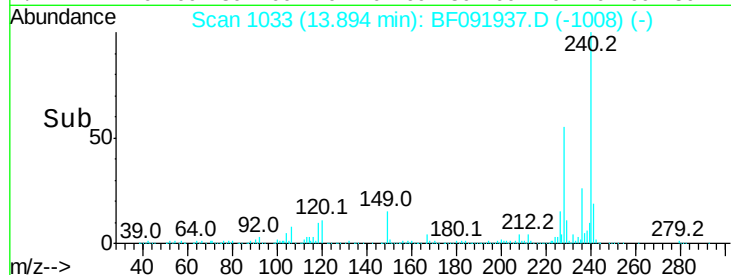
236 26.0 20.9 31.3



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: 31.39 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

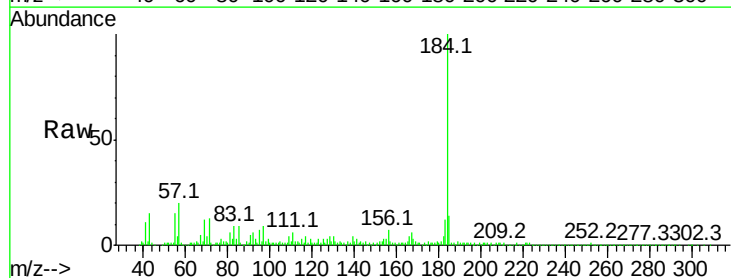
Tgt Ion:184 Resp: 377170

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

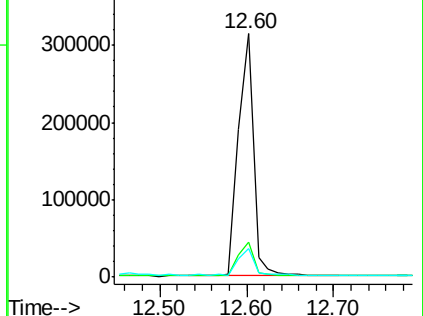
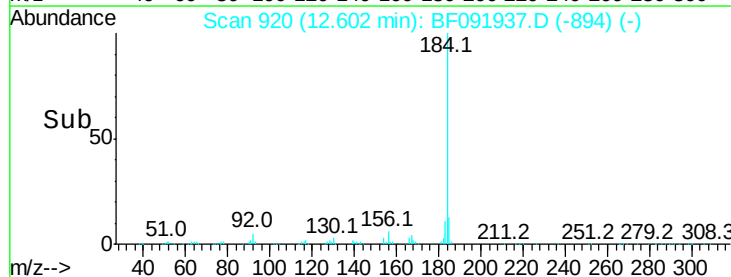
183 12.0 9.2 13.8

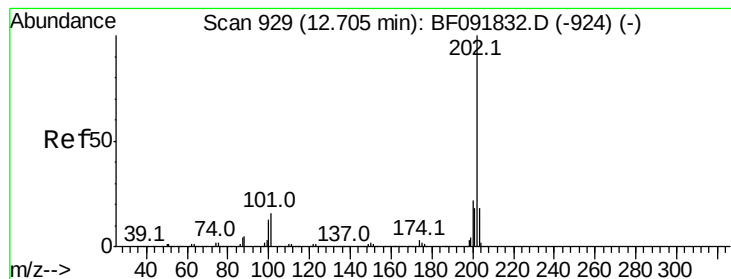


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.02 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

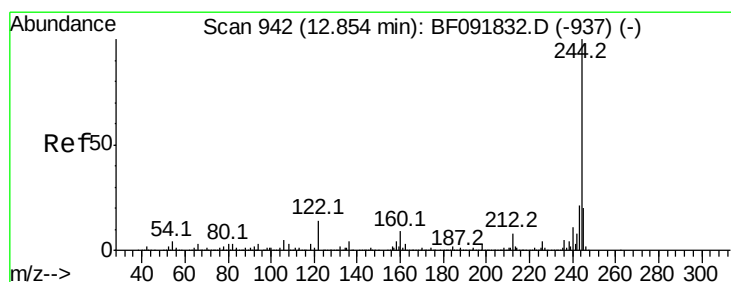
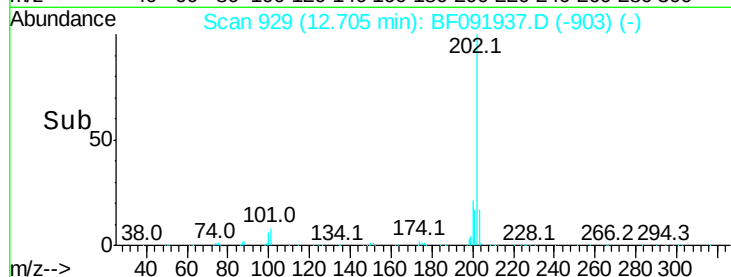
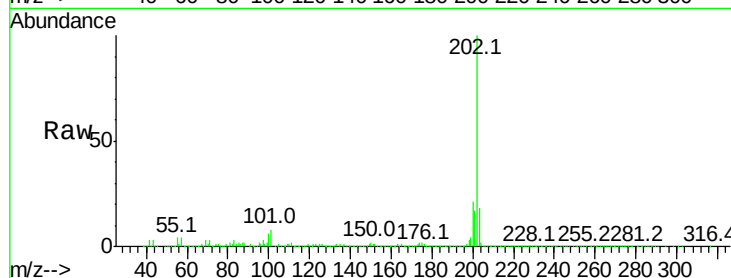
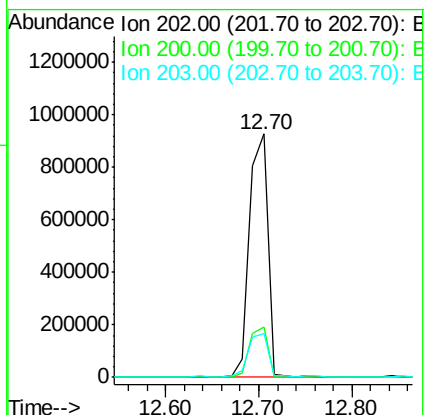
BNA_F

ClientSampleId :

H6058-05MSD

Tot Ion:202 Resp: 1253496

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.9	14.7	22.1



#78

Terphenyl-d14

Concen: 70.77 ng

RT: 12.84 min Scan# 941

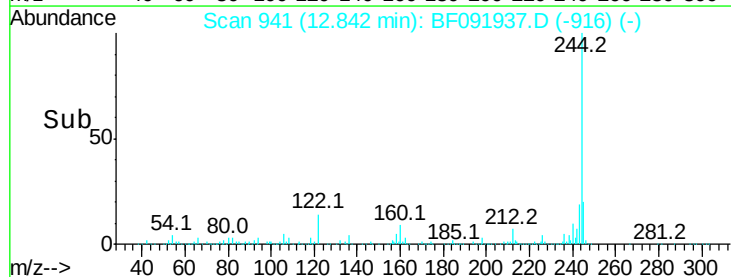
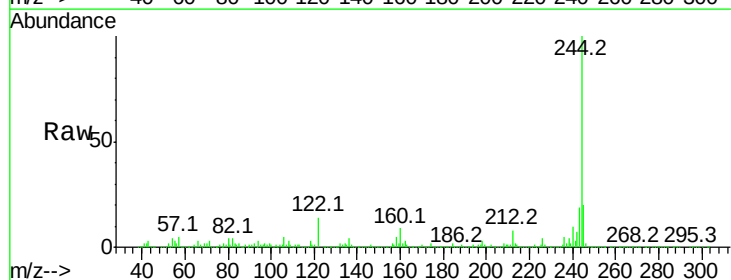
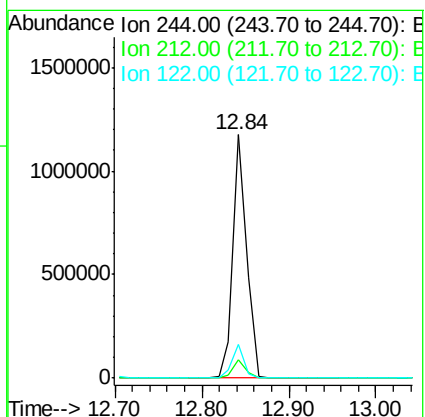
Delta R.T. -0.01 min

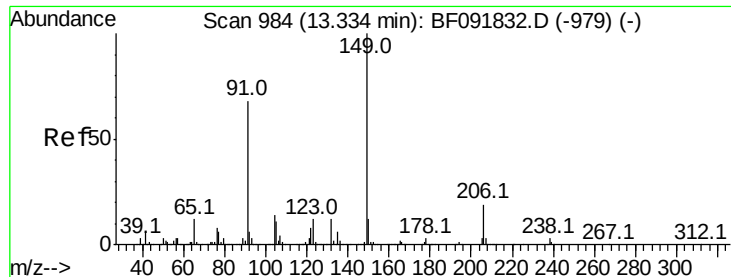
Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Tgt Ion:244 Resp: 1277509

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.9	11.4	17.2





#79

Butylbenzylphthalate

Concen: 41.77 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

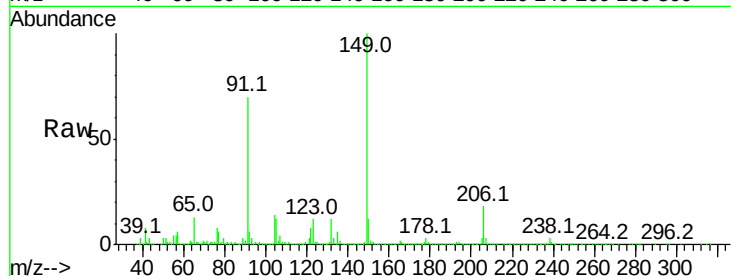
Tot Ion:149 Resp: 610212

Ion Ratio Lower Upper

149 100

91 69.7 63.9 95.9

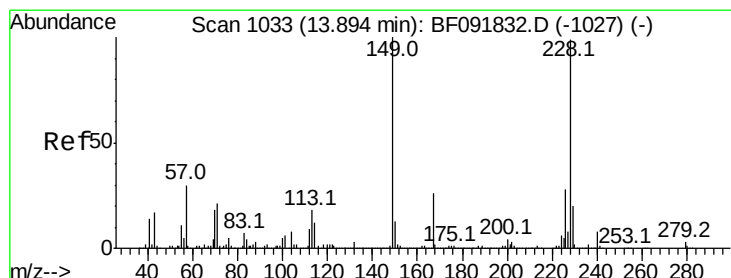
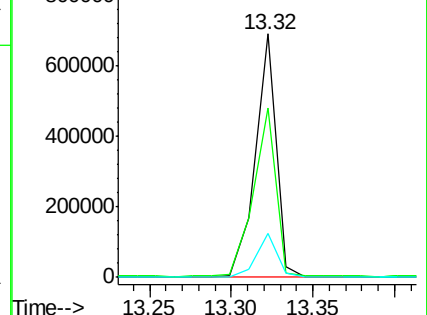
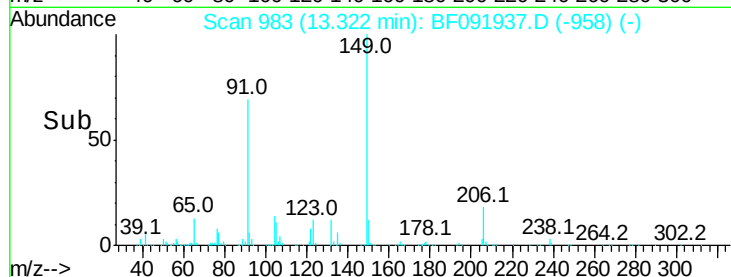
206 18.1 14.6 21.8



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: 38.66 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

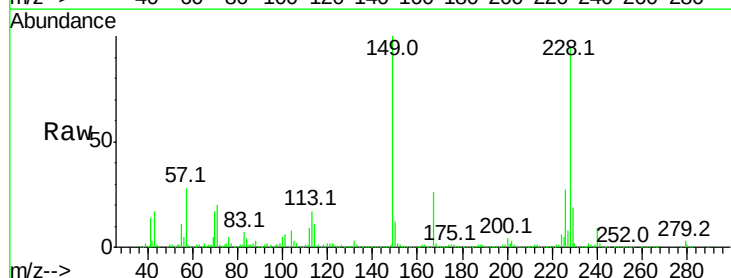
Tgt Ion:228 Resp: 955341

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

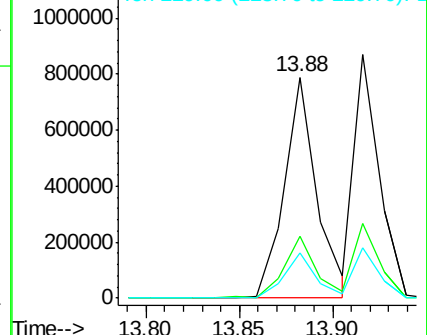
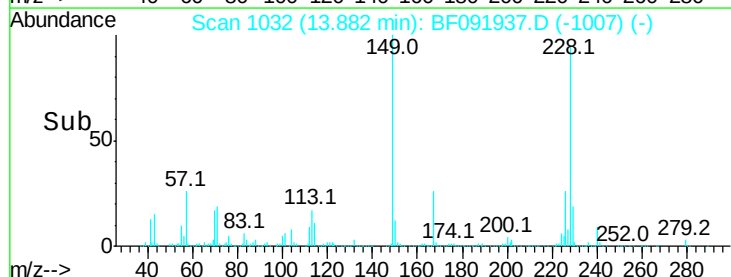
229 20.3 16.2 24.4

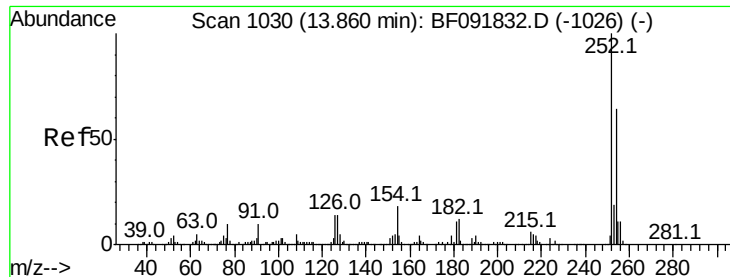


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

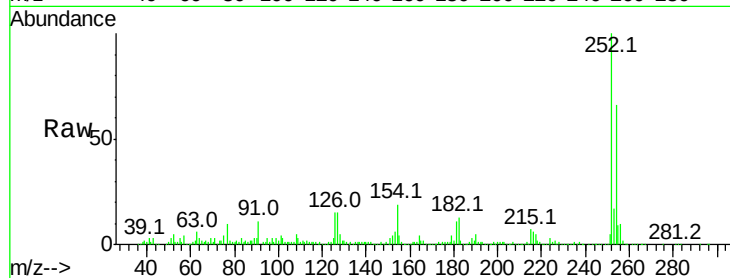




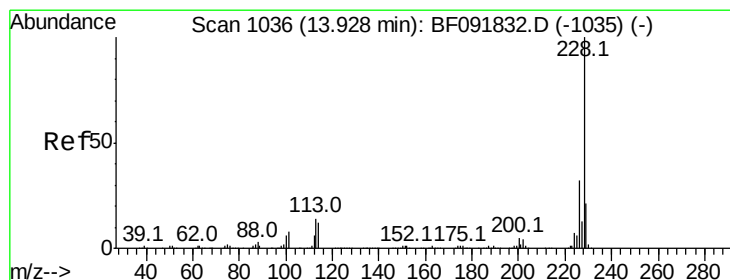
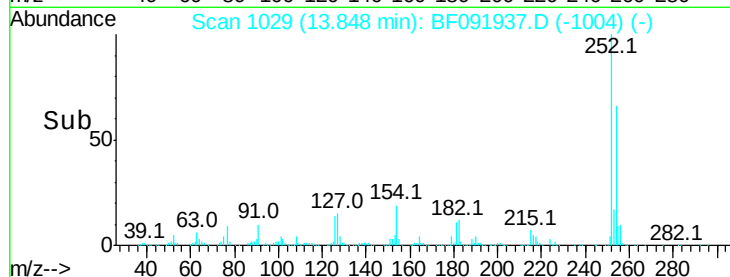
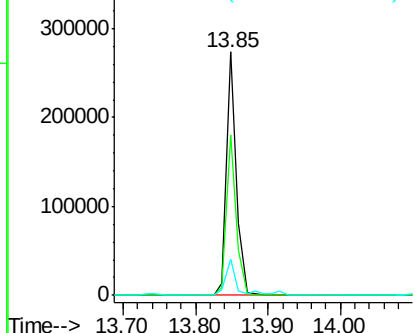
#81
 3,3'-Dichlorobenzidine
 Concen: 27.86 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.3	78.5
126	14.8	13.6	20.4

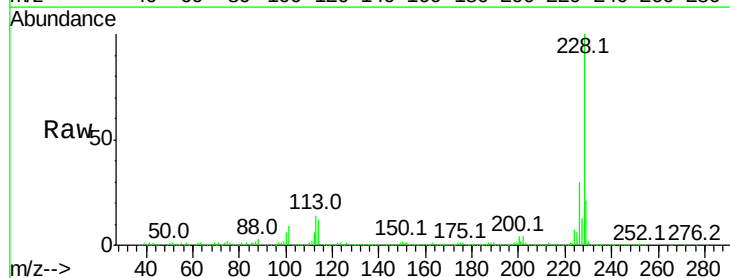


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

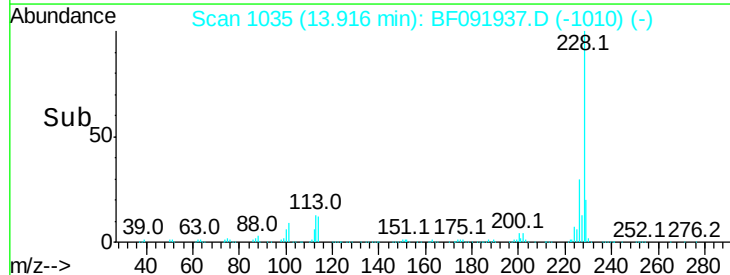
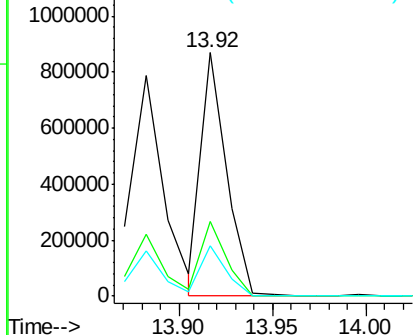


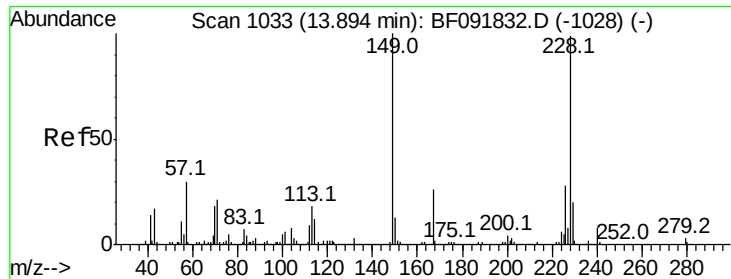
#82
 Chrysene
 Concen: 33.05 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091937.D
 Acq: 23 Dec 2016 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.5	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: 43.53 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

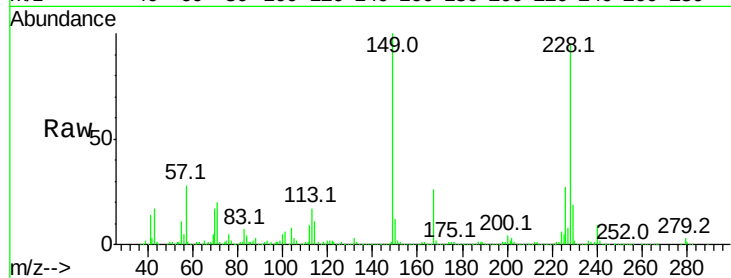
Tot Ion:149 Resp: 748972

Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.4

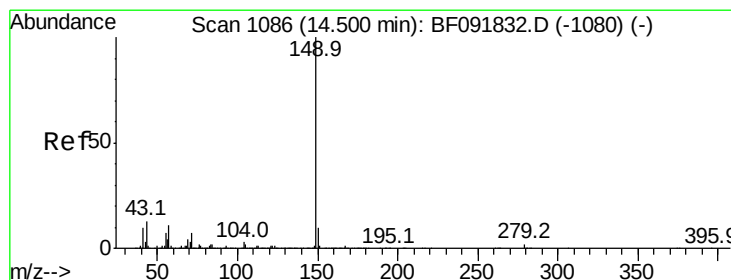
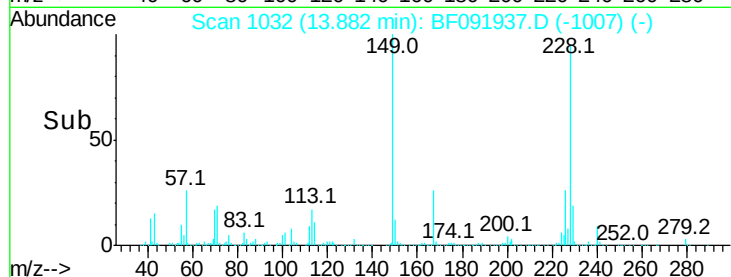
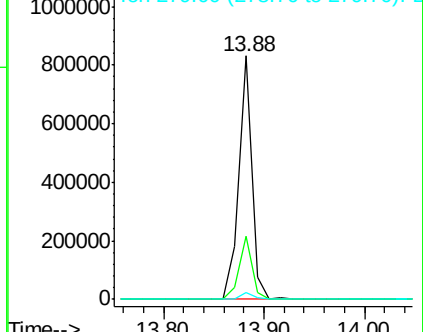
279 2.9 1.8 2.8#



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: 40.93 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

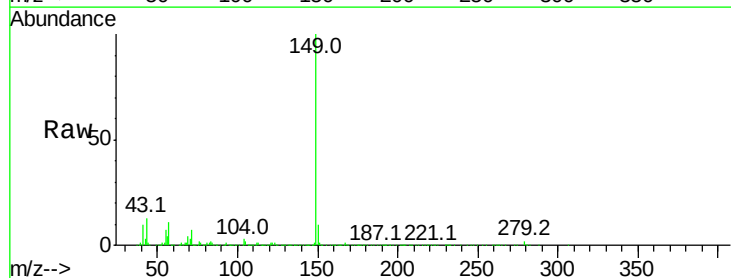
Tgt Ion:149 Resp: 1304632

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

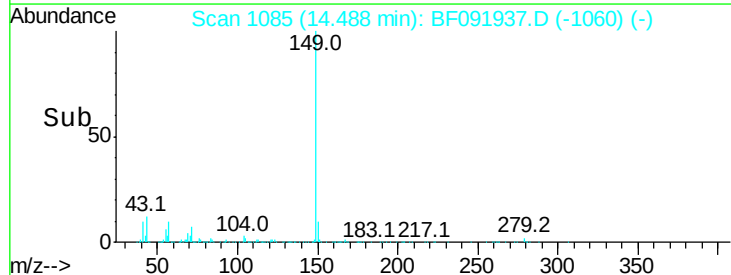
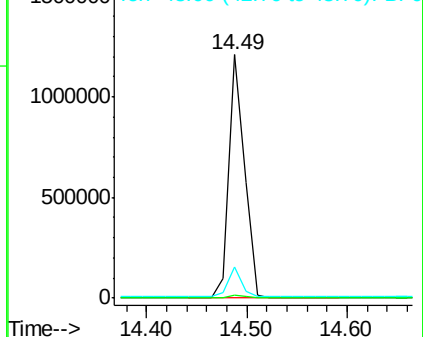
43 10.8 8.9 13.3

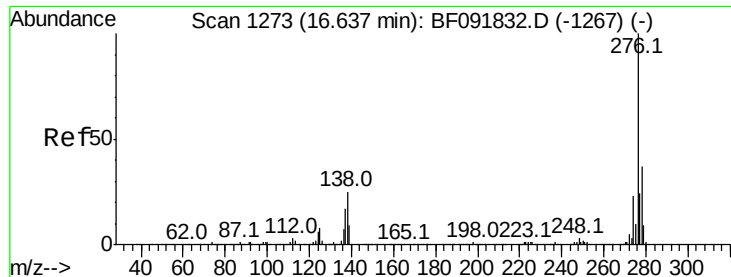


Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.64 ng

RT: 16.63 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

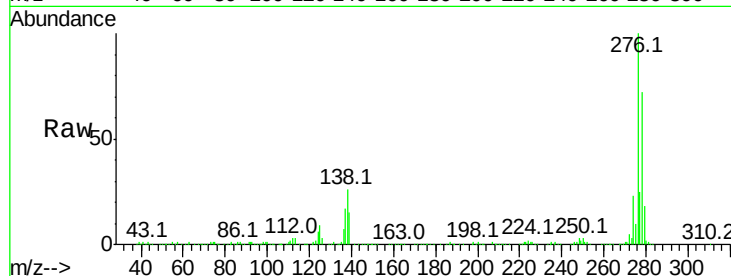
Tot Ion:276 Resp: 937224

Ion Ratio Lower Upper

276 100

138 26.2 21.8 32.6

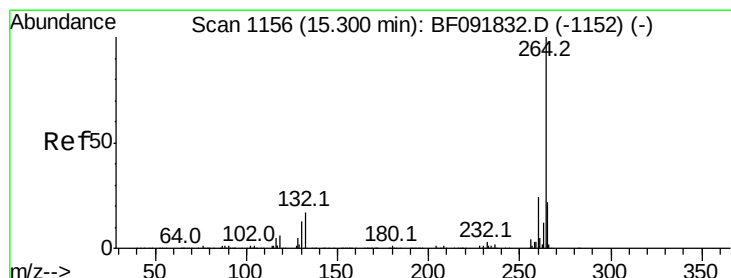
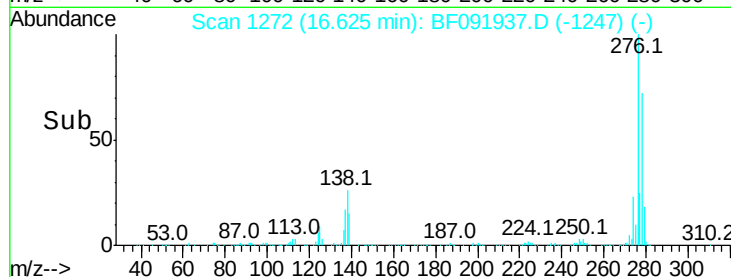
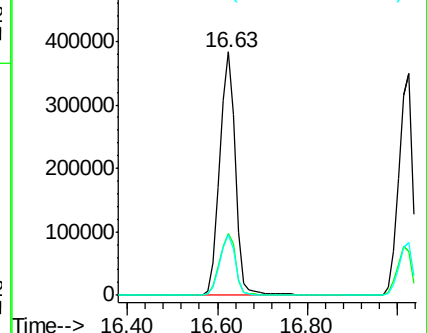
277 25.1 20.2 30.4



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: BF091937.D

Acq: 23 Dec 2016 21:22

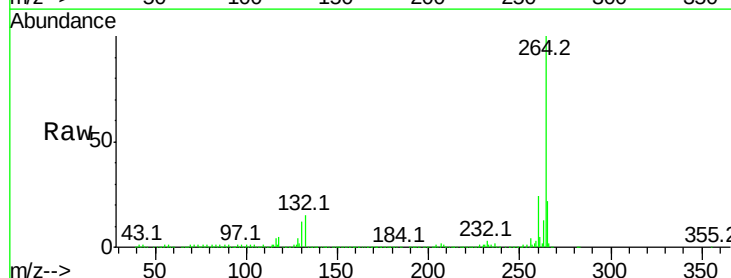
Tgt Ion:264 Resp: 434254

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

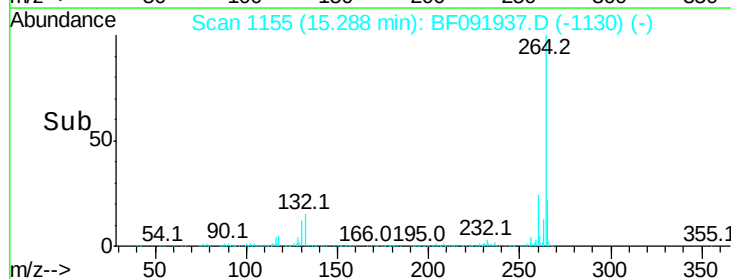
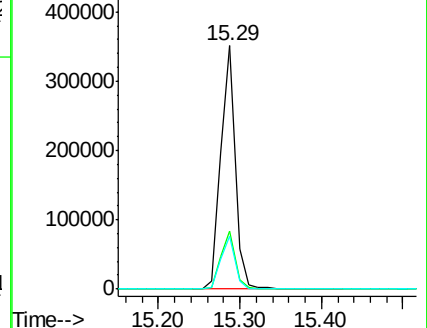
265 21.8 17.4 26.0

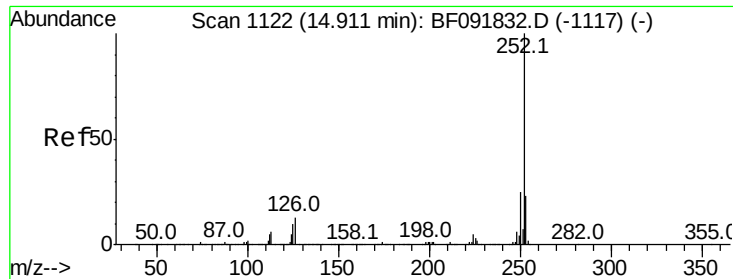


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

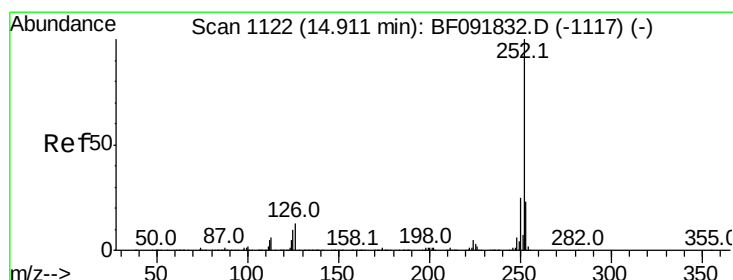
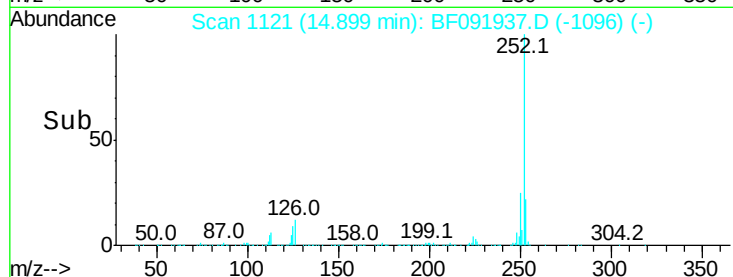
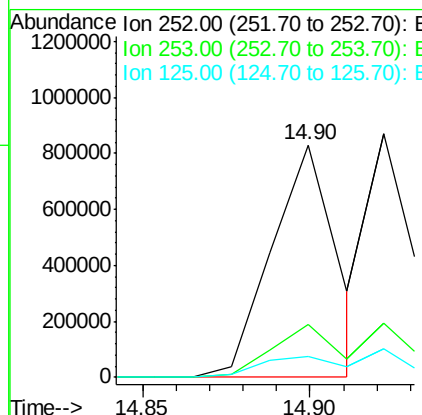
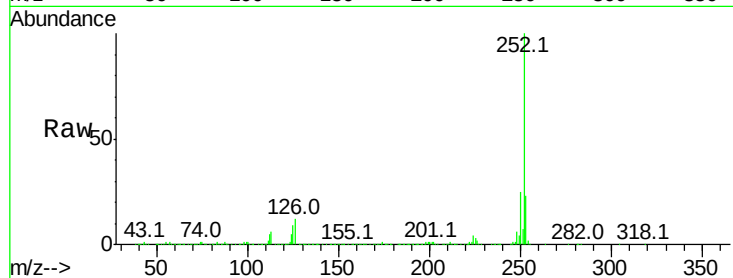




#87
Benzo(b)fluoranthene
Concen: 41.09 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

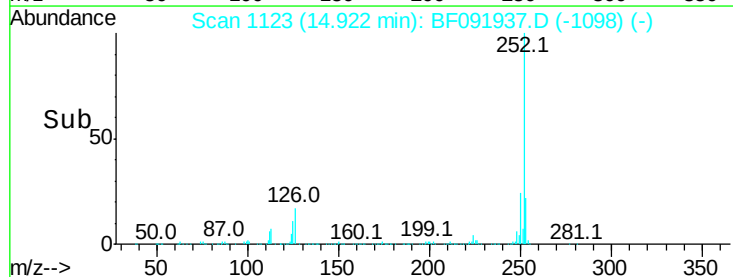
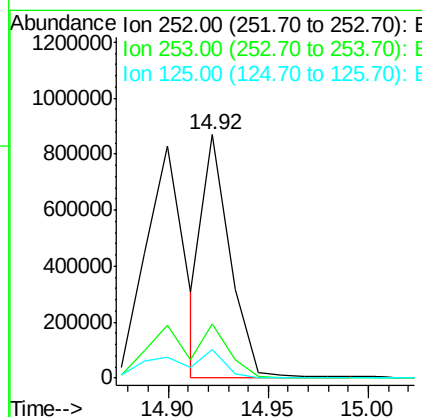
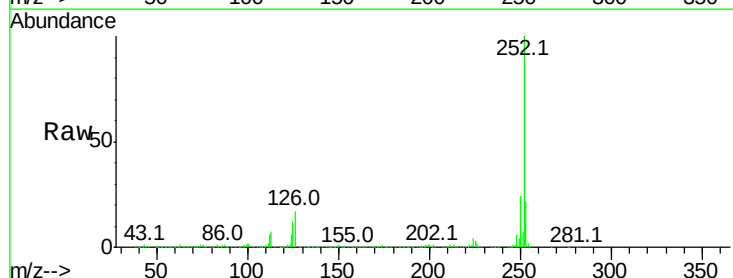
Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

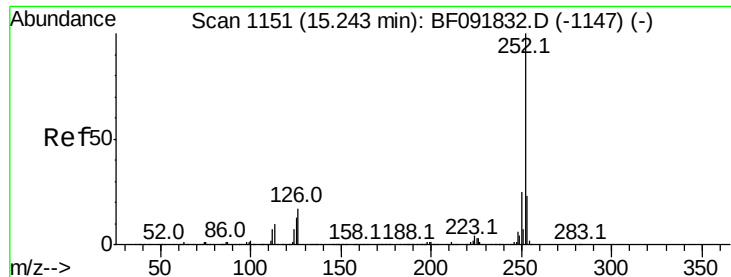
Tot Ion:252 Resp: 1110959
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.2 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 36.74 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Tgt Ion:252 Resp: 846992
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 11.6 8.9 13.3

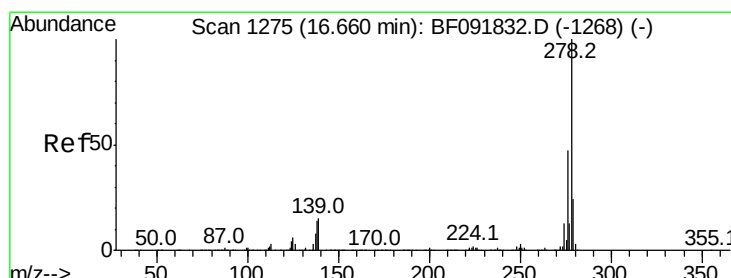
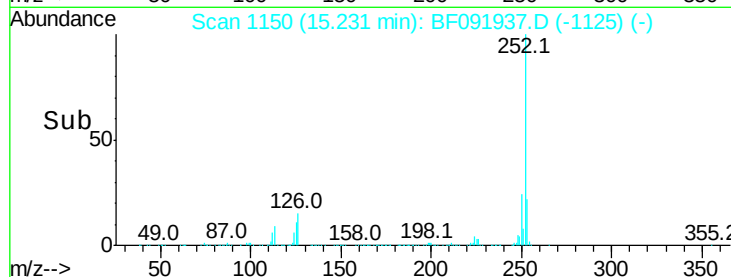
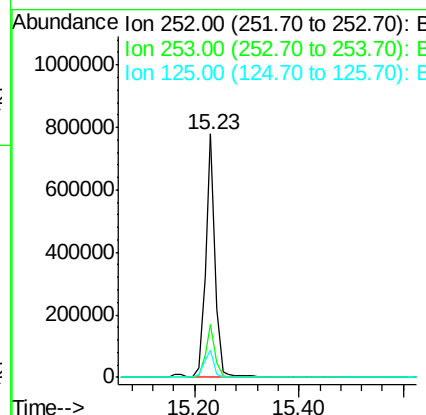
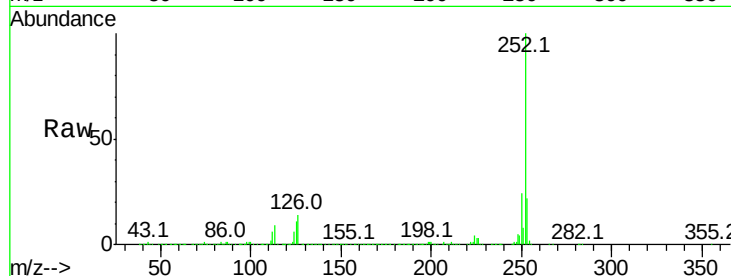




#89
Benzo(a)pyrene
Concen: 39.69 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

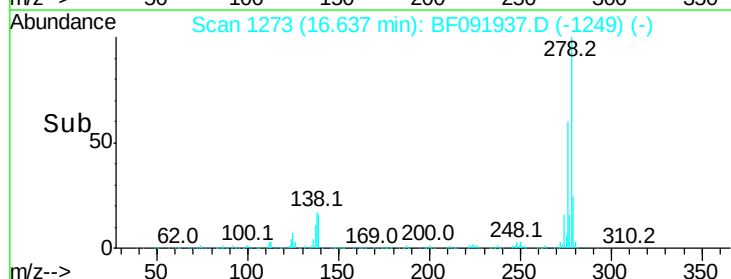
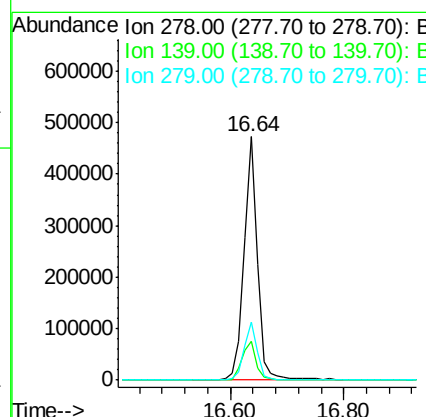
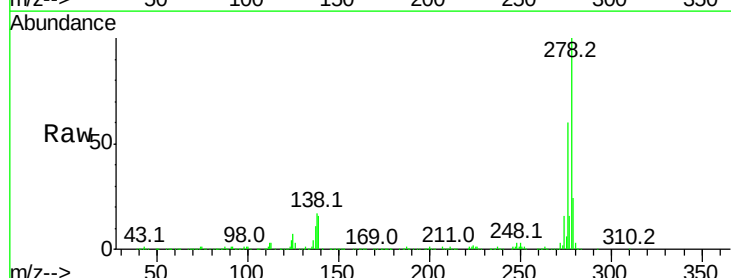
Instrument :
BNA_F
ClientSampleId :
H6058-05MSD

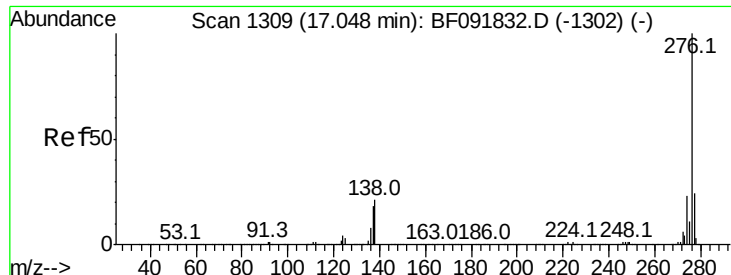
Tot Ion:252 Resp: 952490
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 11.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 39.97 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091937.D
Acq: 23 Dec 2016 21:22

Tgt Ion:278 Resp: 788282
Ion Ratio Lower Upper
278 100
139 16.1 14.8 22.2
279 23.8 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 37.08 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091937.D

Acq: 23 Dec 2016 21:22

Instrument :

BNA_F

ClientSampleId :

H6058-05MSD

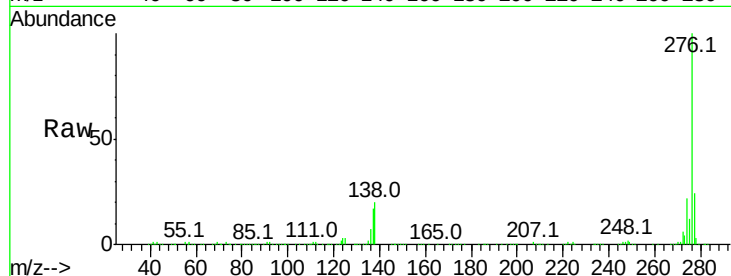
Tot Ion: 276 Resp: 760406

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 19.6 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

