

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091936.D
 Acq On : 23 Dec 2016 20:55
 Operator : UM/SJ
 Sample : H6068-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Quant Time: Dec 23 23:09:20 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	230116	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	851811	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	407851	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	583227	20.00	ng	0.00
75) Chrysene-d12	13.89	240	455224	20.00	ng	-0.01
86) Perylene-d12	15.29	264	457032	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1724219	125.11	ng	0.05
7) Phenol-d6	6.44	99	2170338	128.99	ng	0.03
23) Nitrobenzene-d5	7.32	82	1433692	93.59	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	369002	109.33	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1936640	99.49	ng	0.00
78) Terphenyl-d14	12.84	244	1282271	68.31	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	235709	34.74	ng	99
3) Pyridine	3.01	79	533210	22.52	ng	97
4) n-Nitrosodimethylamine	2.98	42	373214	41.78	ng	96
6) Aniline	6.41	93	327446	14.98	ng	# 45
8) 2-Chlorophenol	6.54	128	619177	39.50	ng	97
9) Benzaldehyde	6.28	77	96867	7.67	ng	94
10) Phenol	6.45	94	1013149	52.84	ng	# 72
11) bis(2-Chloroethyl)ether	6.49	93	676505	44.34	ng	99
12) 1,3-Dichlorobenzene	6.68	146	669691	40.02	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	686372	40.29	ng	97
14) 1,2-Dichlorobenzene	6.91	146	563235	38.11	ng	95
15) Benzyl Alcohol	6.91	79	583622	44.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	927900	40.84	ng	67
17) 2-Methylphenol	7.05	107	545704	43.28	ng	98
18) Hexachloroethane	7.25	117	254696	40.33	ng	93
19) n-Nitroso-di-n-propylamine	7.17	70	516861	46.17	ng	97
20) 3+4-Methylphenols	7.21	107	747223	49.69	ng	# 74
22) Acetophenone	7.16	105	955246	45.47	ng	94
24) Nitrobenzene	7.33	77	673393	41.27	ng	100
25) Isophorone	7.57	82	1270038	44.94	ng	# 93
26) 2-Nitrophenol	7.65	139	362486	45.05	ng	95
27) 2,4-Dimethylphenol	7.71	122	535259	40.11	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	811716	47.36	ng	96
29) 2,4-Dichlorophenol	7.92	162	529517	46.86	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	511138	41.28	ng	# 94
31) Naphthalene	8.05	128	1630077	41.81	ng	100
32) Benzoic acid	7.85	122	174613	17.64	ng	95
33) 4-Chloroaniline	8.11	127	199579	11.35	ng	96
34) Hexachlorobutadiene	8.17	225	292987	44.82	ng	98
35) Caprolactam	8.46	113	276093m	74.35	ng	
36) 4-Chloro-3-methylphenol	8.62	107	516801	39.74	ng	96
37) 2-Methylnaphthalene	8.75	142	1123598	49.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	426897	41.43	ng	98
40) Hexachlorocyclopentadiene	8.90	237	185738	42.44	ng	96

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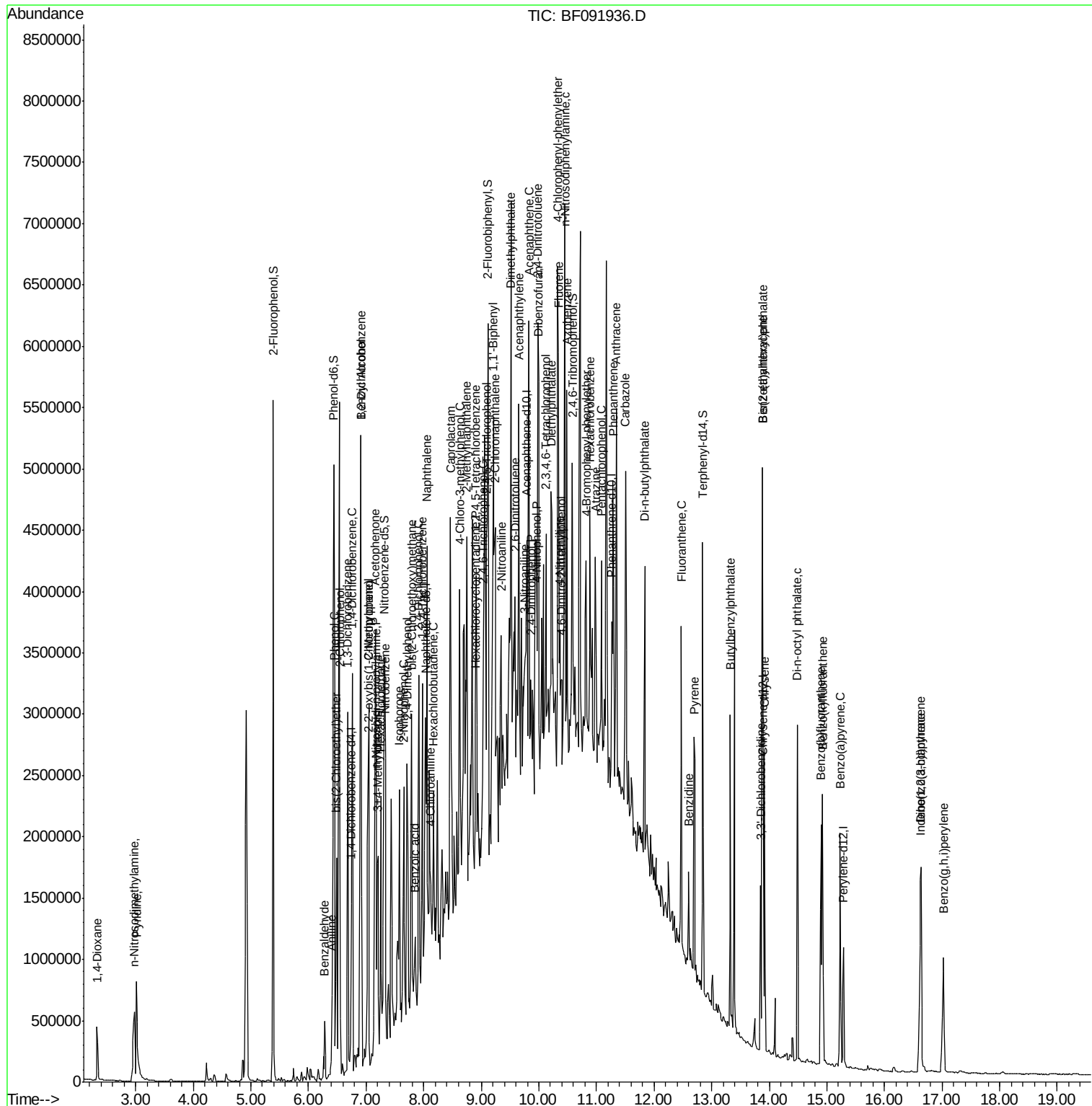
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	298338	41.40	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	306961	41.39	nq	94
45) 1,1'-Biphenyl	9.21	154	1184200	42.41	nq	96
46) 2-Chloronaphthalene	9.24	162	920431	41.62	nq	99
47) 2-Nitroaniline	9.34	65	352859	44.81	nq	# 76
48) Acenaphthylene	9.65	152	1423341	41.85	nq	99
49) Dimethylphthalate	9.52	163	1179224	45.21	nq	98
50) 2,6-Dinitrotoluene	9.58	165	262885	46.04	nq	# 87
51) Acenaphthene	9.82	154	932401	40.44	nq	100
52) 3-Nitroaniline	9.76	138	151100	21.38	nq	# 70
53) 2,4-Dinitrophenol	9.86	184	81432	25.63	nq	# 62
54) Dibenzofuran	10.00	168	1254716	40.29	nq	99
55) 4-Nitrophenol	9.96	139	382628	79.76	nq	# 74
56) 2,4-Dinitrotoluene	9.98	165	322674	45.03	nq	# 96
57) Fluorene	10.34	166	998781	44.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	229287	39.09	nq	# 87
59) Diethylphthalate	10.21	149	1000617	39.50	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	406805	41.01	nq	99
61) 4-Nitroaniline	10.36	138	195998	26.77	nq	84
62) Azobenzene	10.49	77	1160311	41.60	nq	97
64) 4,6-Dinitro-2-methylphenol	10.40	198	78245	22.19	nq	# 61
65) n-Nitrosodiphenylamine	10.45	169	847781	48.99	nq	96
66) 4-Bromophenyl-phenylether	10.82	248	280497	46.23	nq	90
67) Hexachlorobenzene	10.89	284	270830	41.76	nq	96
68) Atrazine	10.98	200	261420	46.83	nq	98
69) Pentachlorophenol	11.08	266	249459	78.40	nq	99
70) Phenanthrene	11.29	178	1299023	41.08	nq	98
71) Anthracene	11.34	178	1337577	49.32	nq	99
72) Carbazole	11.50	167	1144432	43.15	nq	99
73) Di-n-butylphthalate	11.84	149	1576585	53.38	nq	98
74) Fluoranthene	12.48	202	1308286	47.35	nq	94
76) Benzidine	12.60	184	391271	31.30	nq	96
77) Pyrene	12.71	202	1262772	37.81	nq	98
79) Butylbenzylphthalate	13.32	149	620106	40.82	nq	91
80) Benzo(a)anthracene	13.88	228	989623	38.51	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	271007	27.81	nq	97
82) Chrysene	13.92	228	863385	33.50	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	753082	42.10	nq	# 98
84) Di-n-octyl phthalate	14.49	149	1345853	40.61	nq	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	962719	43.11	nq	99
87) Benzo(b)fluoranthene	14.90	252	1134112m	39.86	nq	
88) Benzo(k)fluoranthene	14.92	252	868816m	35.81	nq	
89) Benzo(a)pyrene	15.23	252	979427	38.78	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	798450	38.46	nq	97
91) Benzo(g,h,i)perylene	17.03	276	778965	36.09	nq	98

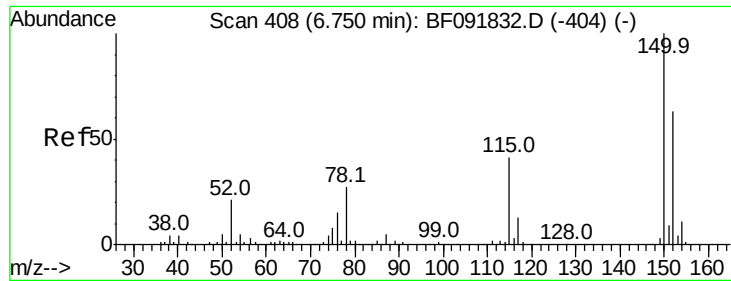
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

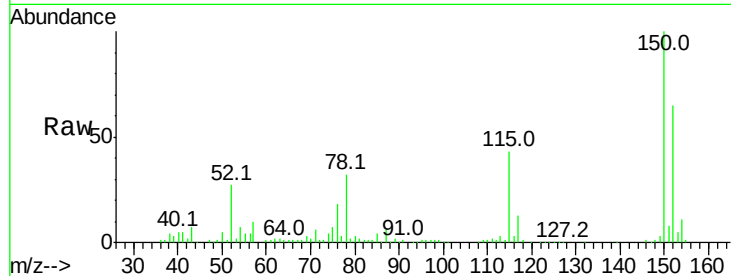
Tot Ion:152 Resp: 230116

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

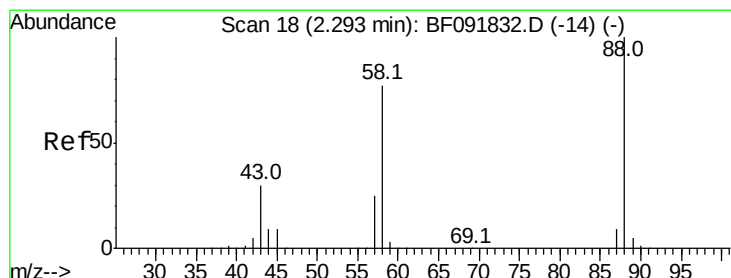
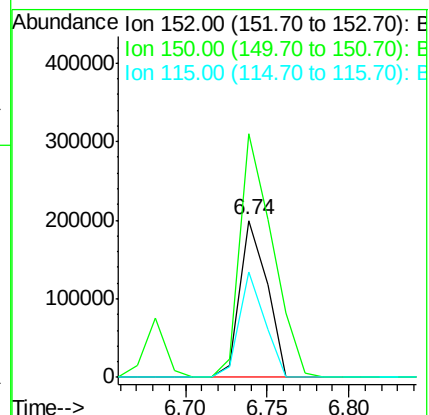
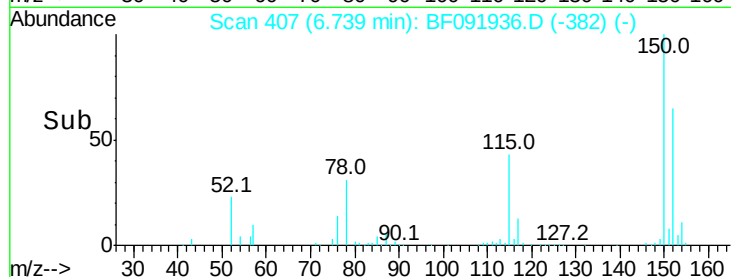
115 67.0 46.0 69.0



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: 34.74 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

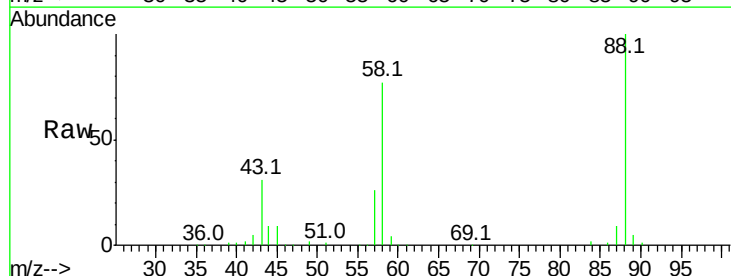
Tgt Ion: 88 Resp: 235709

Ion Ratio Lower Upper

88 100

58 73.9 57.8 86.8

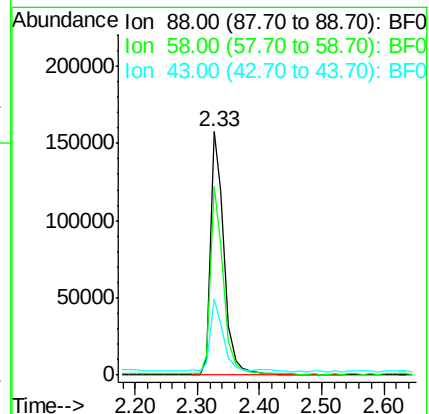
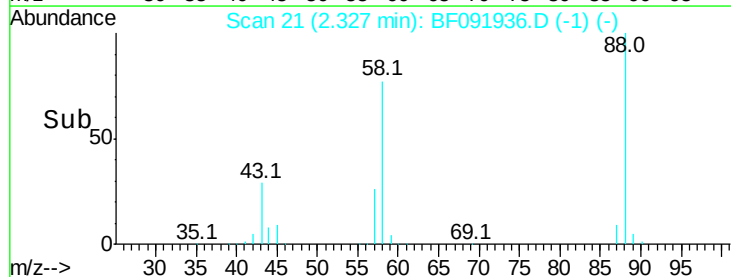
43 28.1 22.3 33.5

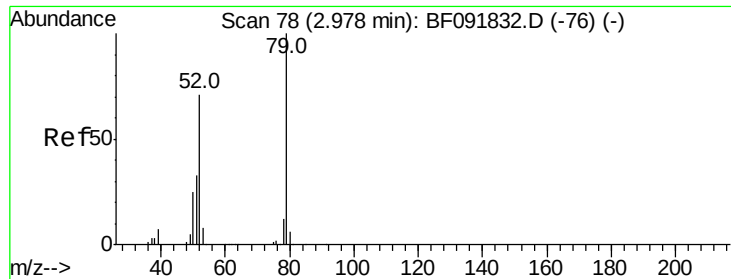


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

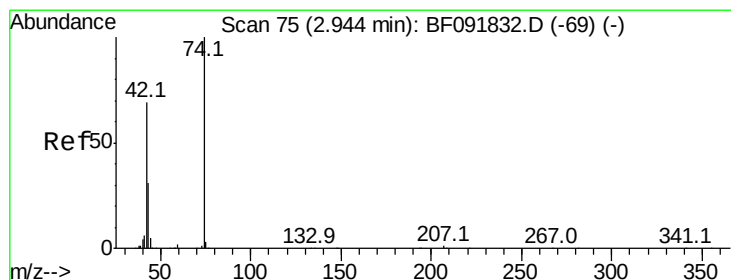
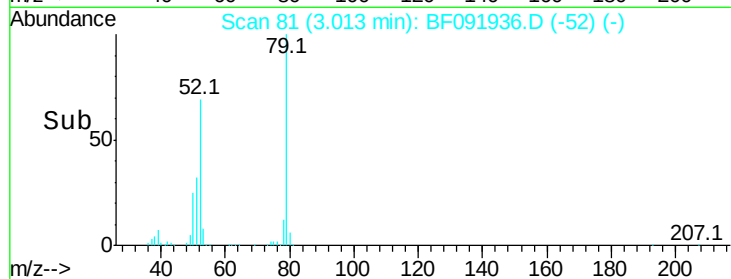
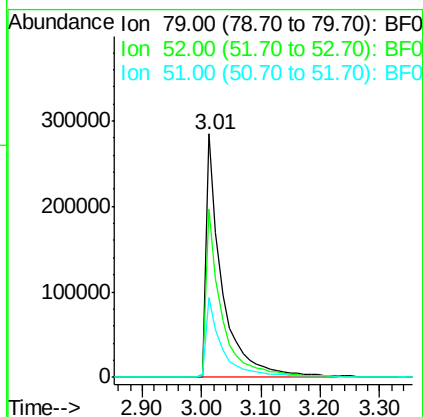
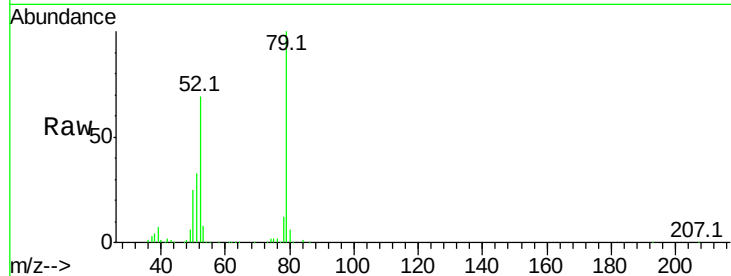




#3
 Pvridine
 Concen: 22.52 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.03 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

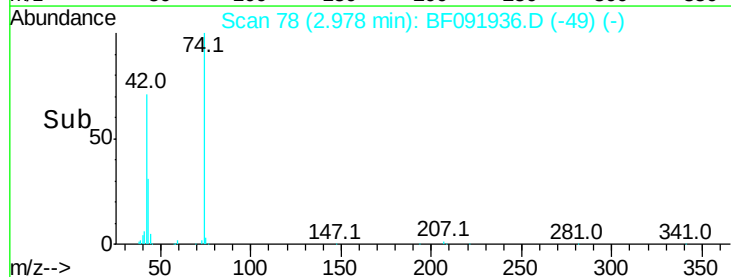
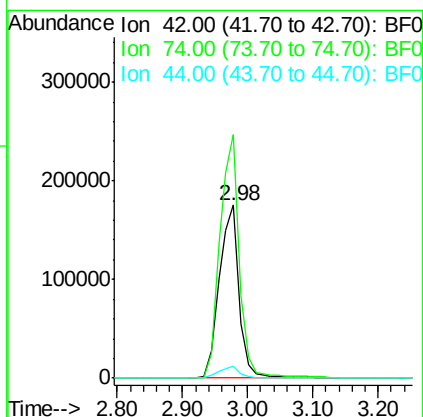
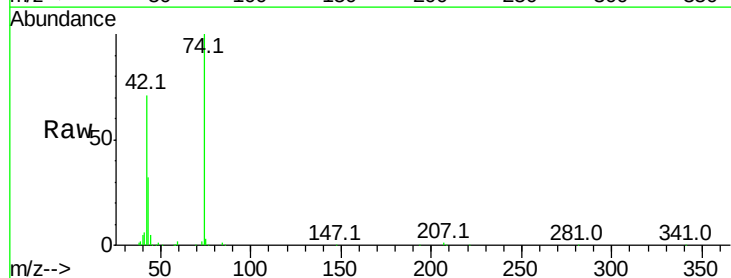
Instrument :
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 H6058-05MS

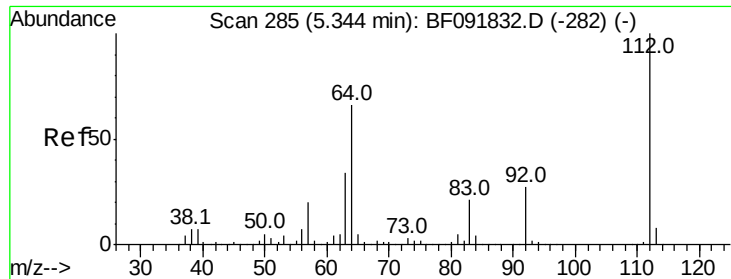
Tot Ion: 79 Resp: 533210
 Ion Ratio Lower Upper
 79 100
 52 69.1 57.1 85.7
 51 32.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 41.78 ng
 RT: 2.98 min Scan# 78
 Delta R.T. 0.03 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion: 42 Resp: 373214
 Ion Ratio Lower Upper
 42 100
 74 140.6 117.0 175.4
 44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 125.11 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

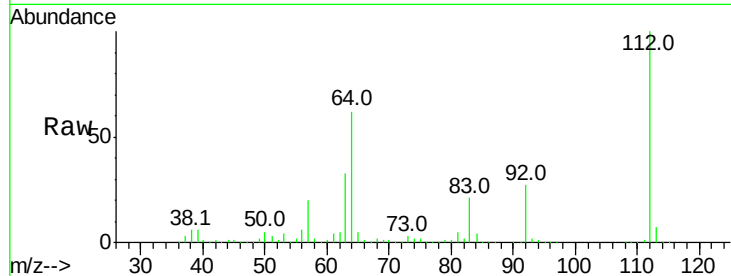
Tot Ion:112 Resp: 1724219

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

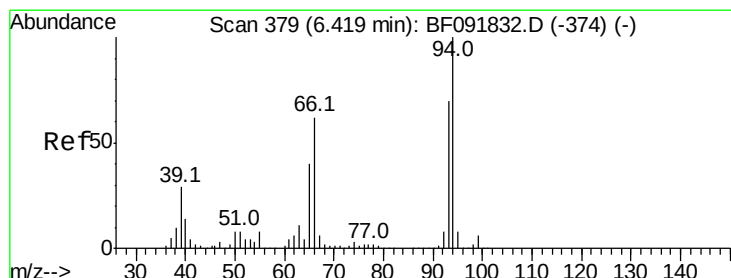
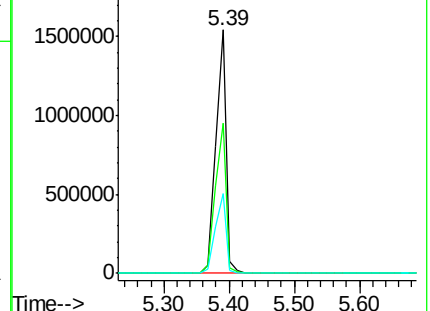
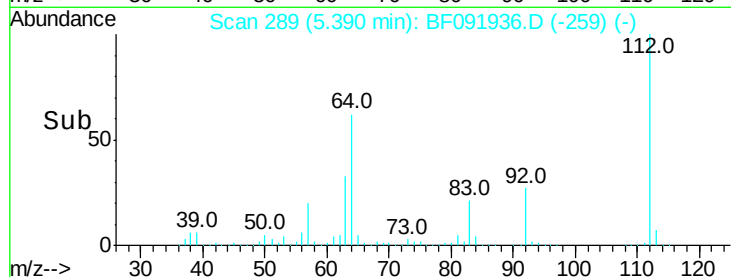
63 32.7 23.8 35.6



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: 14.98 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

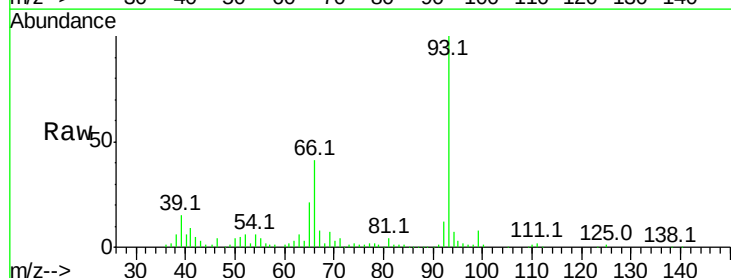
Tgt Ion: 93 Resp: 327446

Ion Ratio Lower Upper

93 100

66 41.2 76.2 114.2#

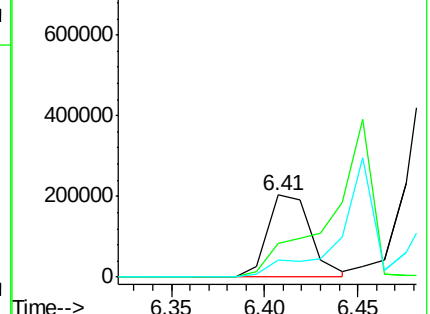
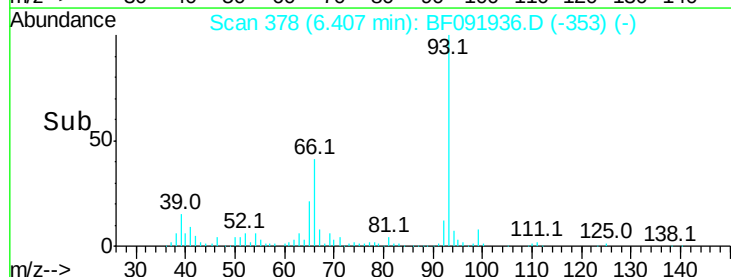
65 21.0 49.3 73.9#

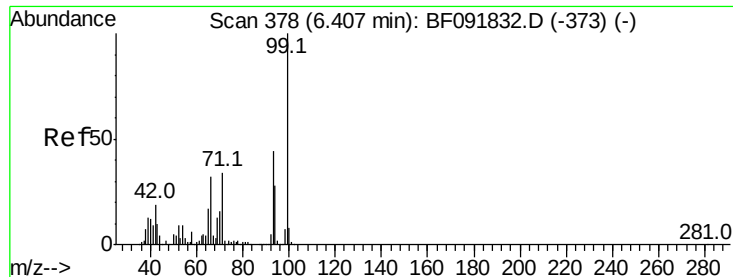


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.99 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091936.D

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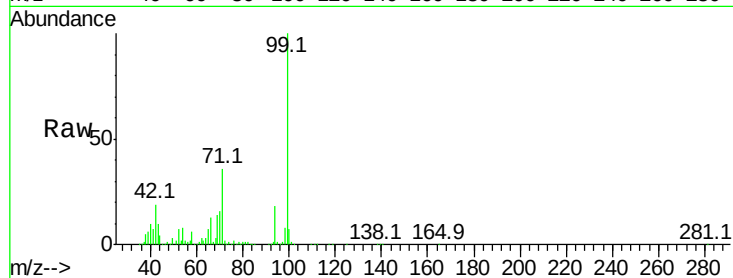
Tot Ion: 99 Resp: 2170338

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

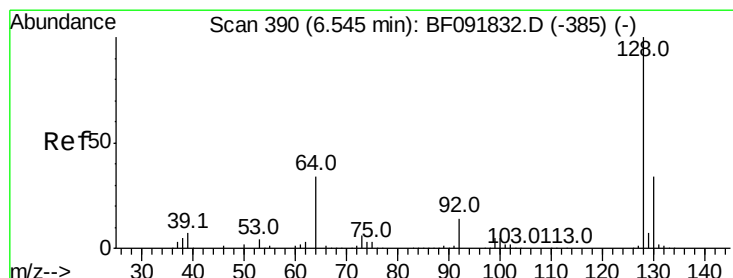
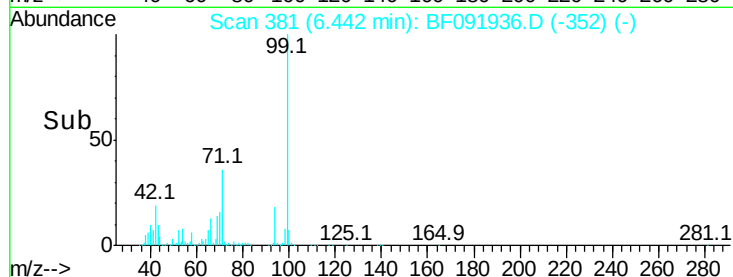
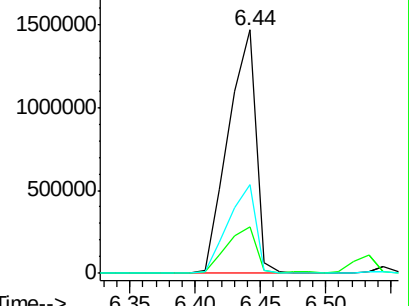
71 36.2 27.5 41.3



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: 39.50 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

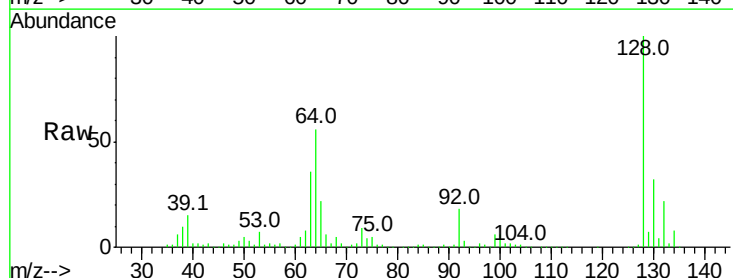
Tgt Ion:128 Resp: 619177

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

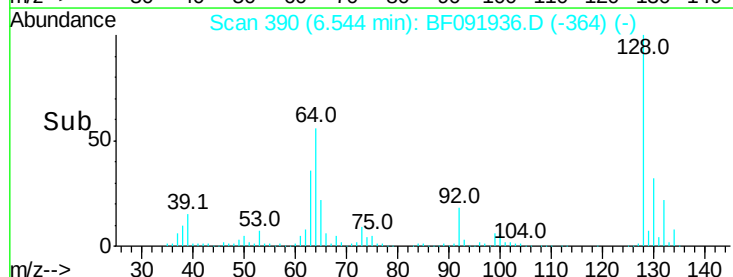
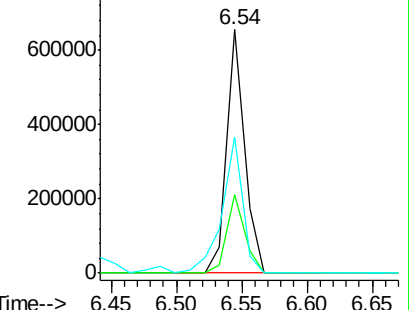
64 55.7 32.2 72.2

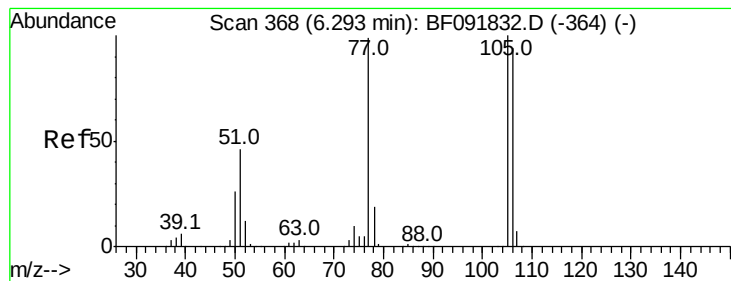


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.67 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

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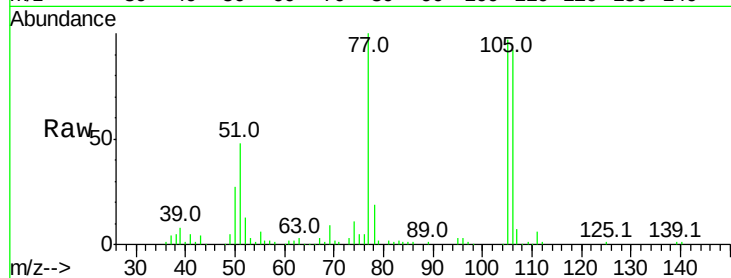
Tot Ion: 77 Resp: 96867

Ion Ratio Lower Upper

77 100

105 97.2 83.9 123.9

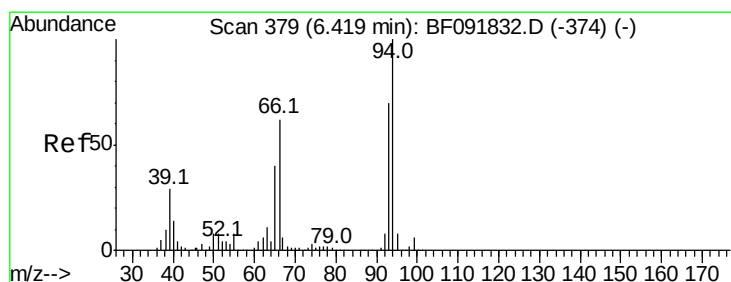
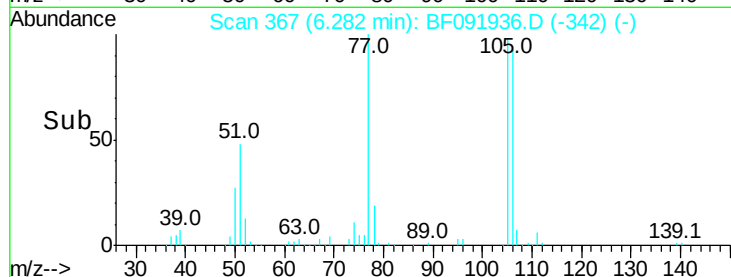
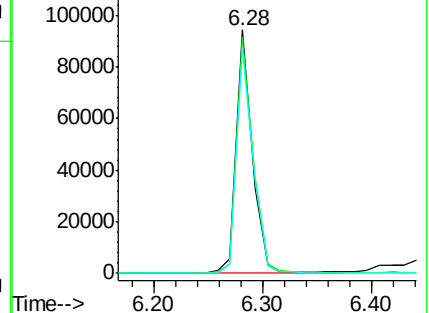
106 92.3 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.84 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

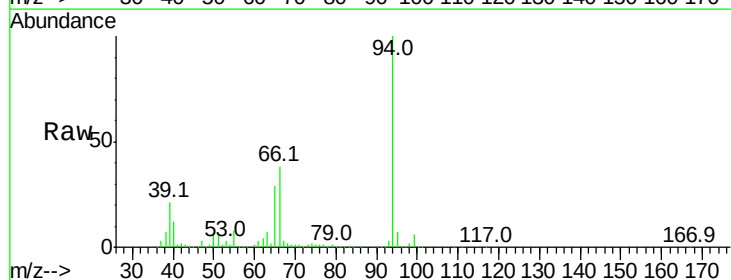
Tgt Ion: 94 Resp: 1013149

Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

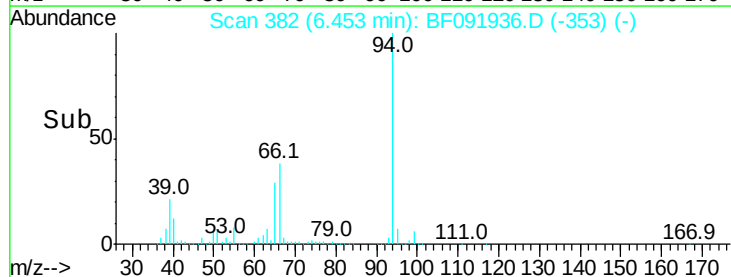
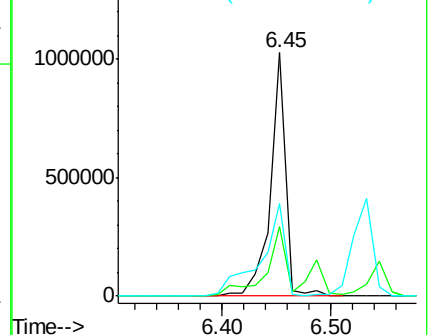
66 38.2 44.0 84.0#

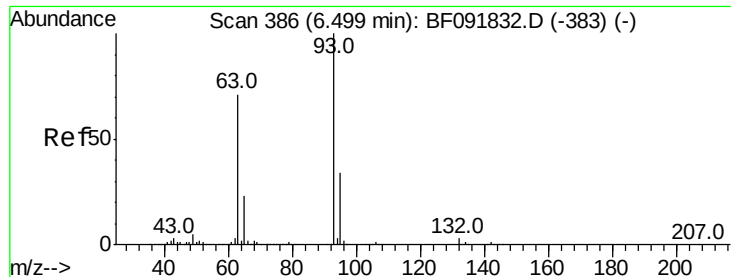


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

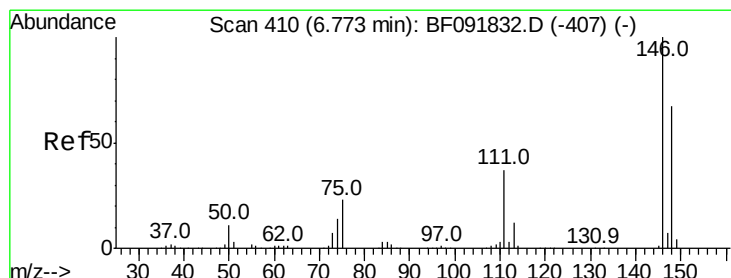
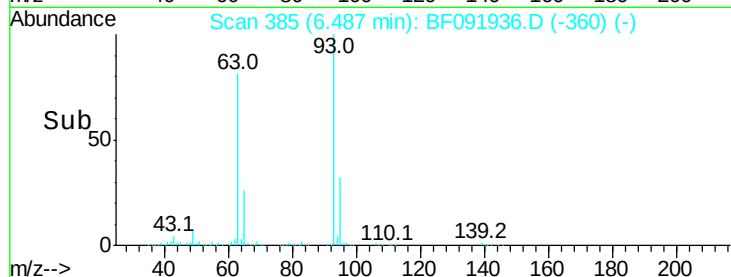
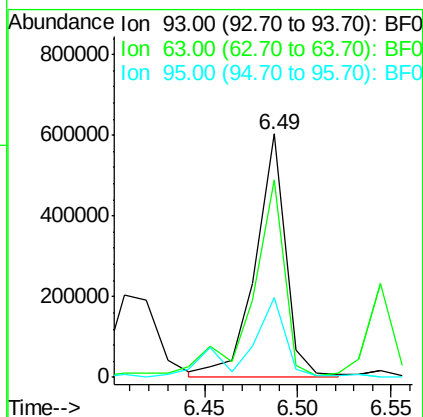
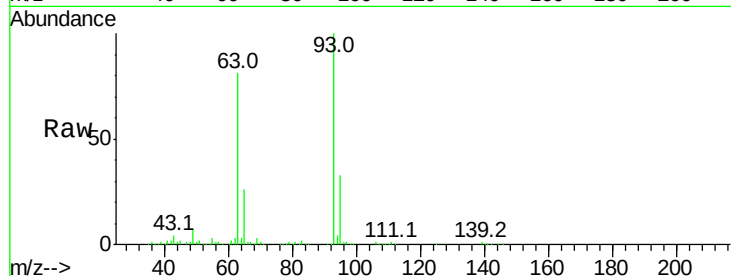




#11
bis(2-Chloroethyl)ether
Concen: 44.34 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

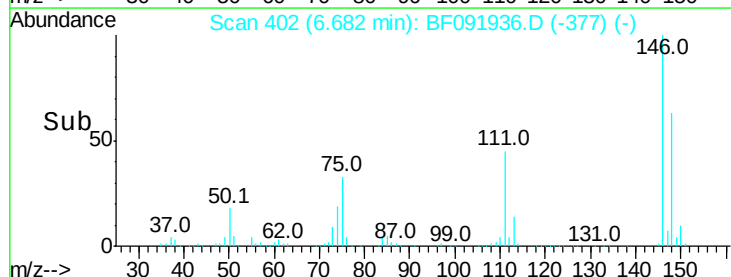
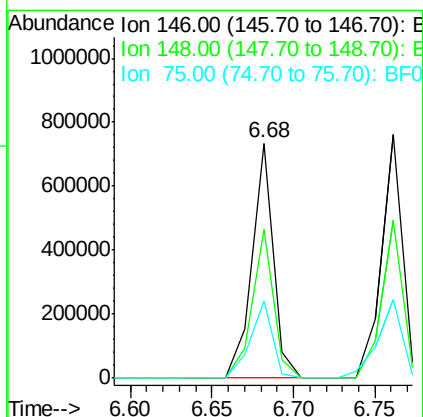
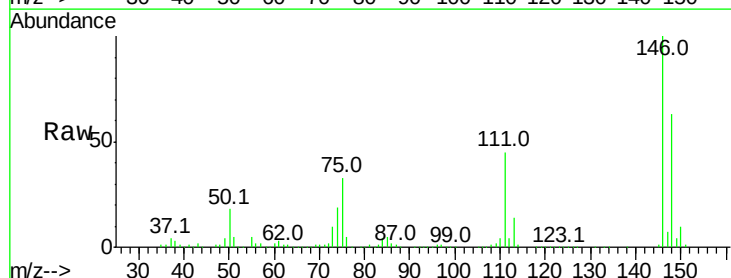
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

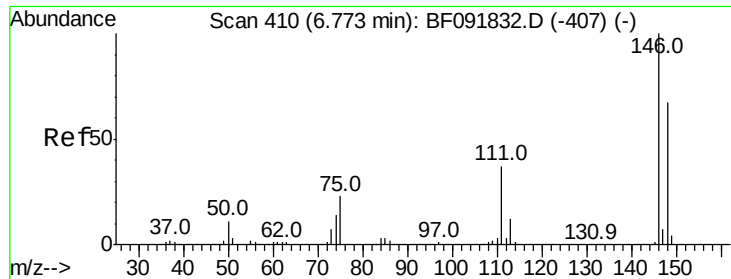
Tot Ion:	93	Resp:	676505
Ion	Ratio	Lower	Upper
93	100		
63	81.0	60.4	100.4
95	32.6	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.02 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:	146	Resp:	669691
Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	33.0	18.5	27.7#

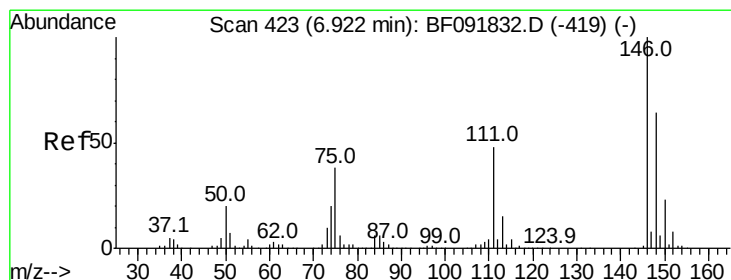
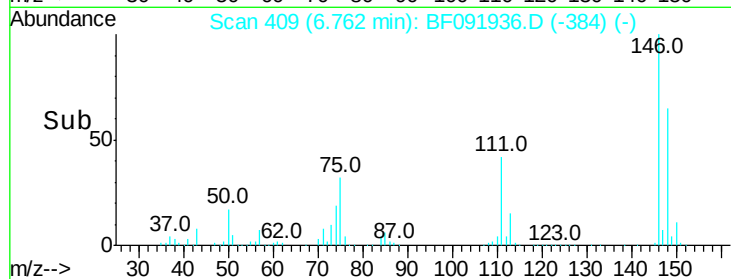
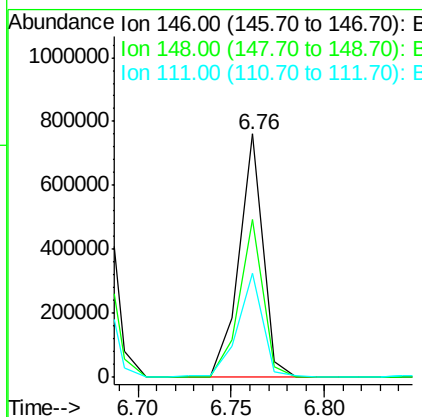
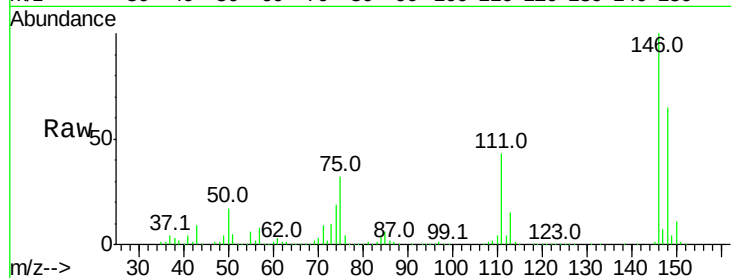




#13
 1,4-Dichlorobenzene
 Concen: 40.29 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

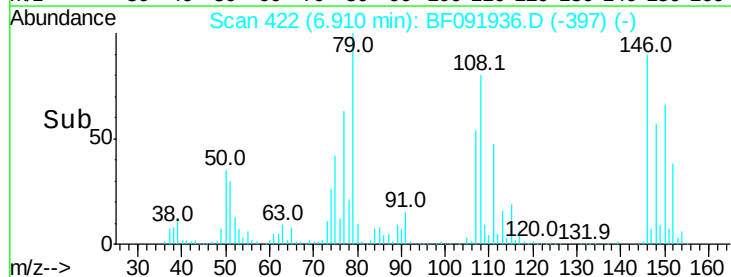
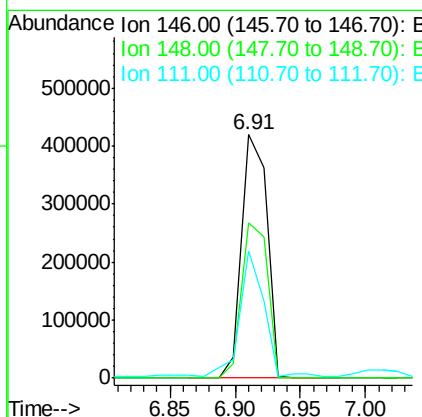
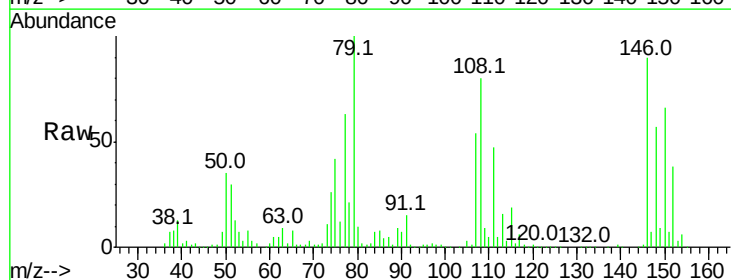
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

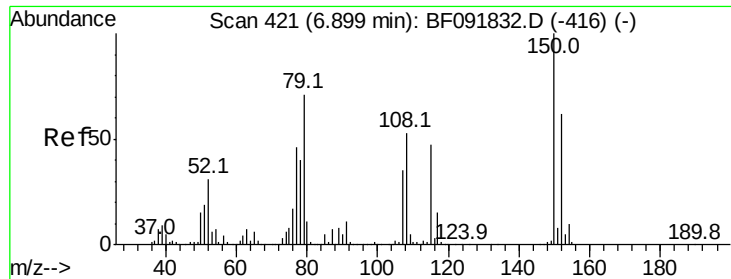
Tot Ion:146 Resp: 686372
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 76.0
 111 42.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:146 Resp: 563235
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 52.3 36.2 54.2

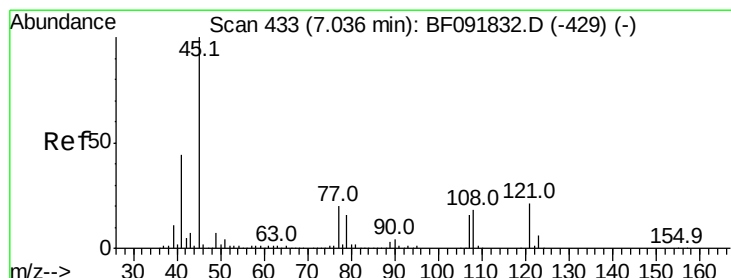
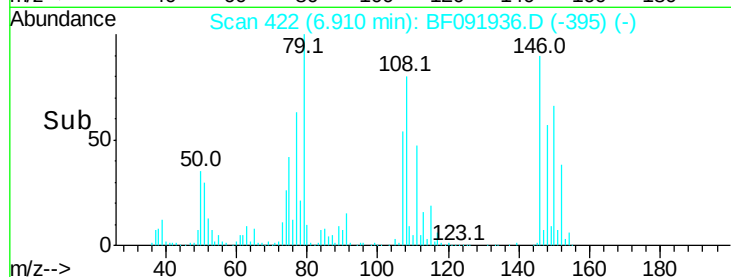
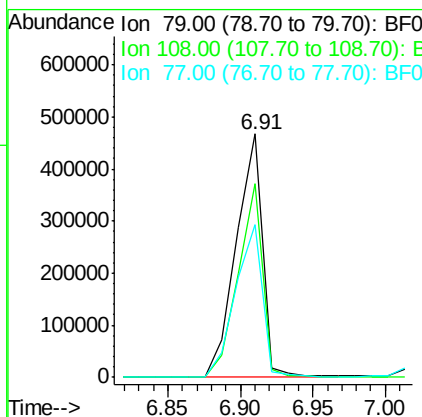
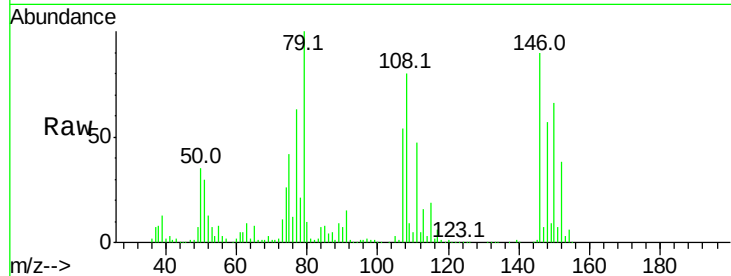




#15
Benzyl Alcohol
Concen: 44.64 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

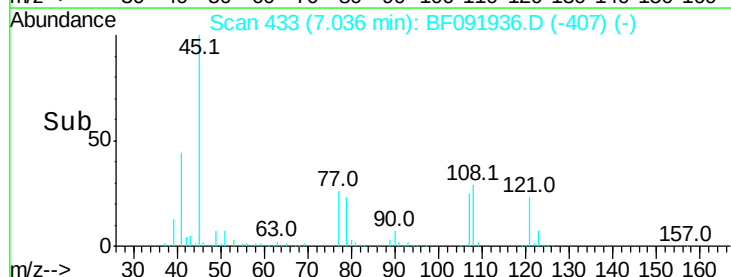
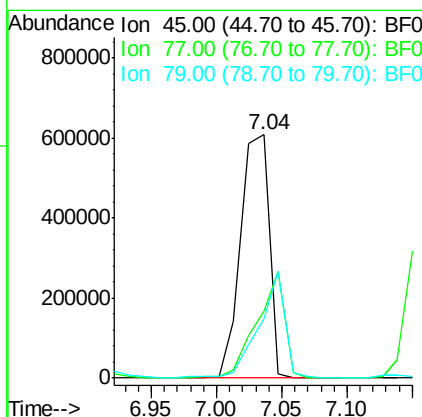
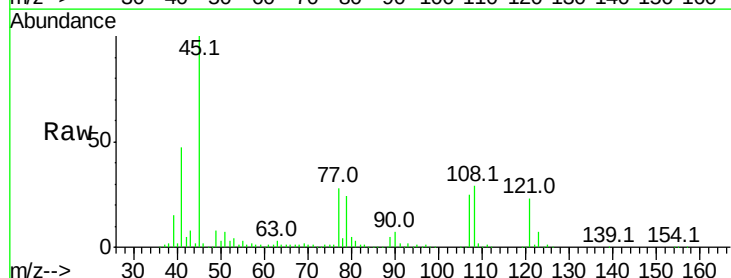
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

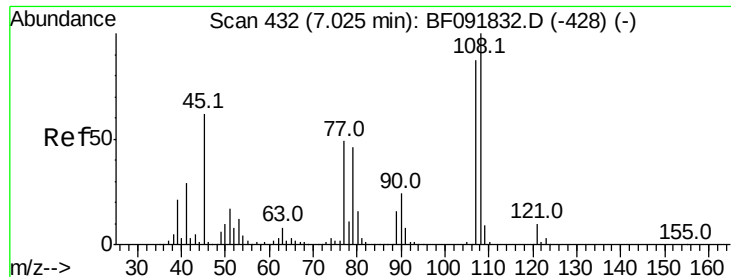
Tot Ion: 79 Resp: 583622
Ion Ratio Lower Upper
79 100
108 79.7 61.4 92.0
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.84 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 45 Resp: 927900
Ion Ratio Lower Upper
45 100
77 27.7 0.0 34.6
79 24.1 0.0 31.2

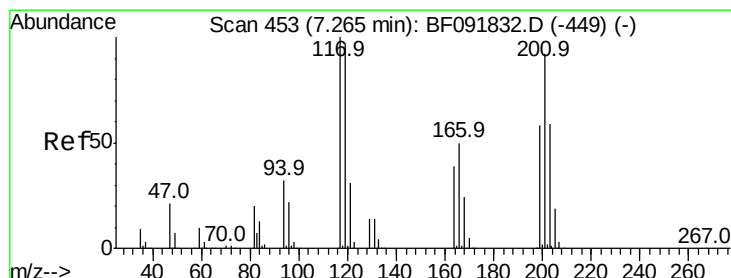
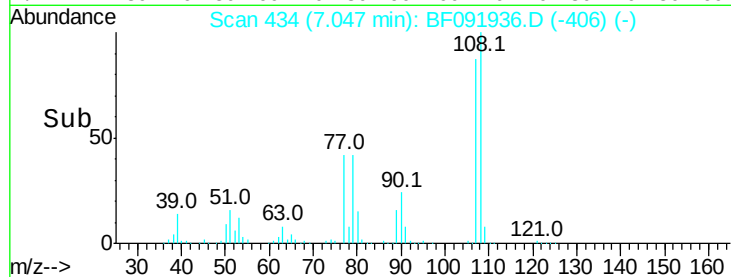
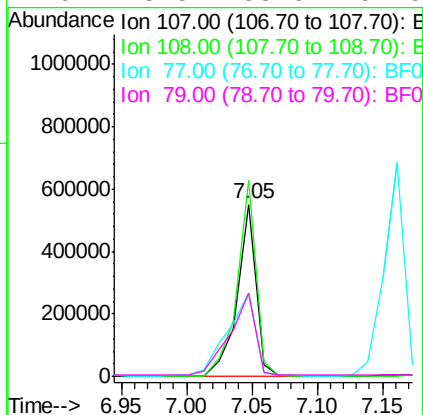
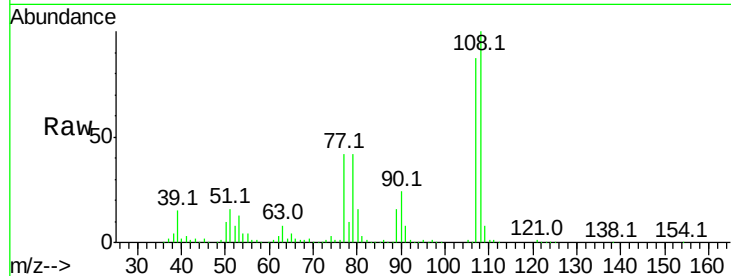




#17
2-Methylphenol
Concen: 43.28 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

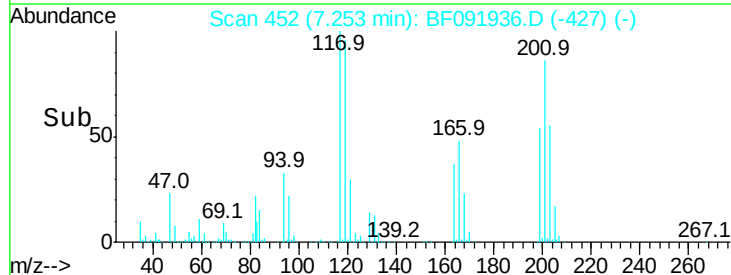
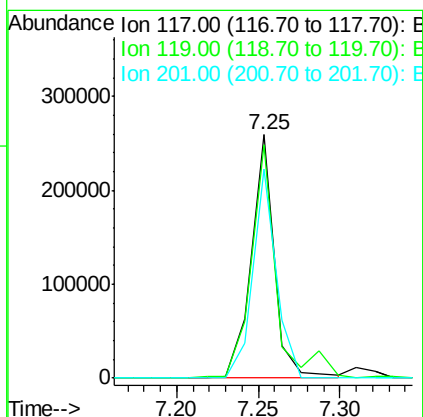
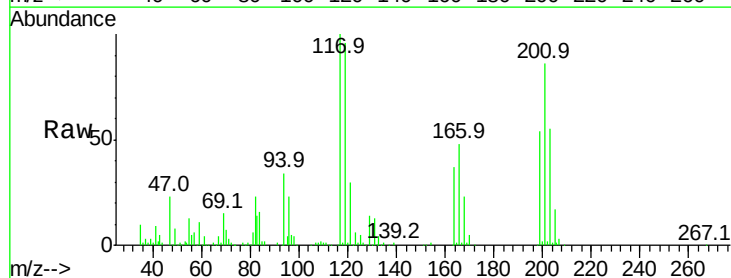
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

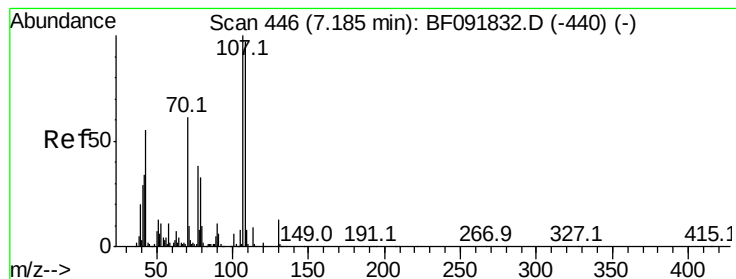
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.0	139.6
77	48.4	39.8	59.8
79	48.5	38.0	57.0



#18
Hexachloroethane
Concen: 40.33 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	85.7	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.17 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

Tot Ion: 70 Resp: 516861

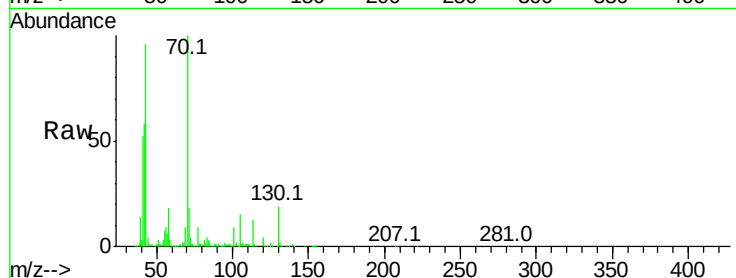
Ion Ratio Lower Upper

70 100

42 58.3 49.4 74.0

101 9.0 7.4 11.2

130 18.6 14.2 21.4

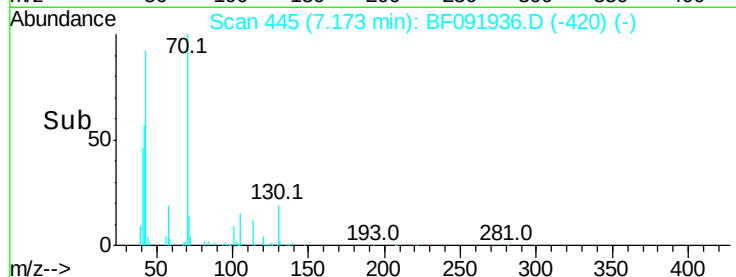


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Abundance

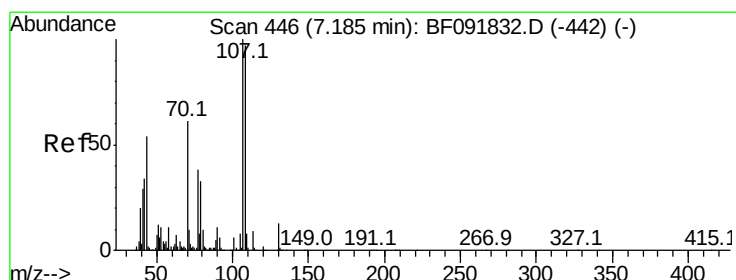
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#20

3+4-Methylphenols

Concen: 49.69 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion:107 Resp: 747223

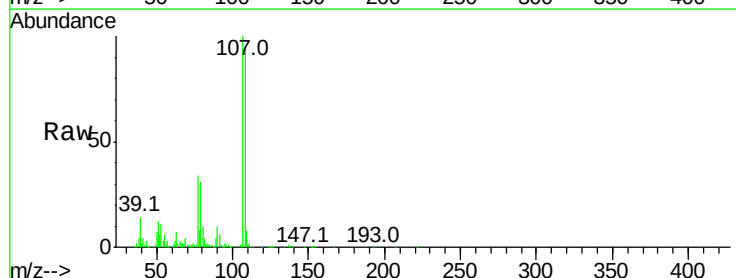
Ion Ratio Lower Upper

107 100

108 93.7 73.0 113.0

77 33.6 71.3 111.3#

79 31.3 11.1 51.1

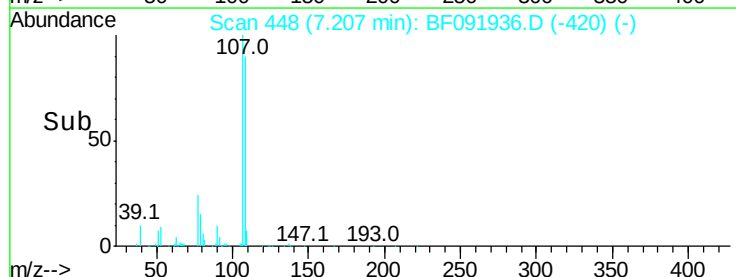


Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Abundance

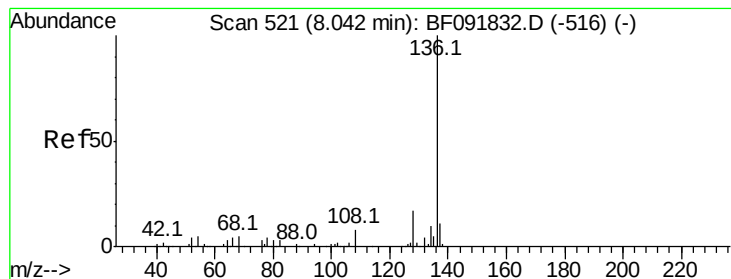
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

Tot Ion:136 Resp: 851811

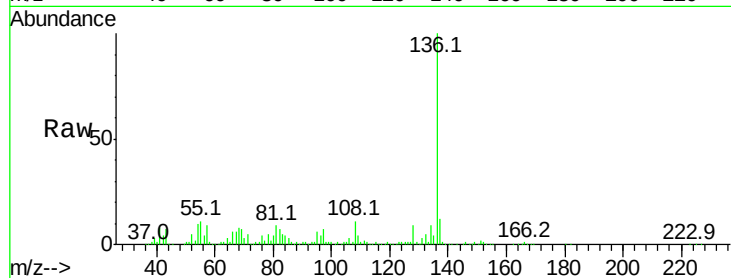
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 10.0 4.5 6.7#

68 7.8 3.6 5.4#

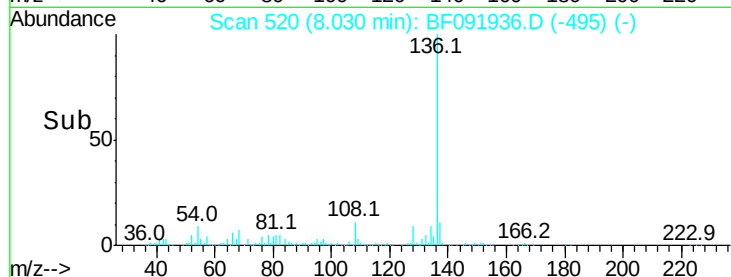


Abundance Ion 136.00 (135.70 to 136.70): E

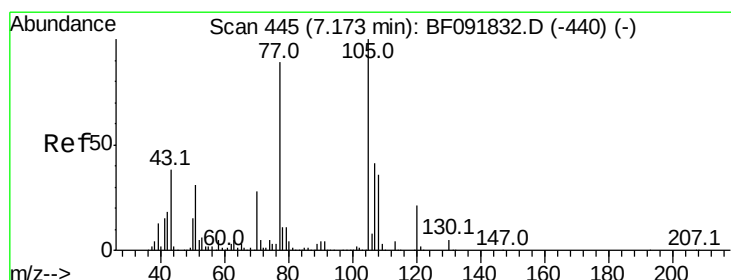
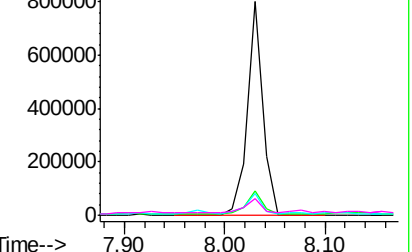
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 45.47 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion:105 Resp: 955246

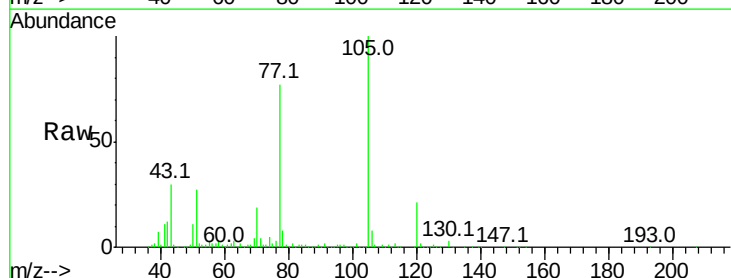
Ion Ratio Lower Upper

105 100

71 3.7 3.2 4.8

51 26.6 26.2 39.4

120 20.7 16.6 24.8

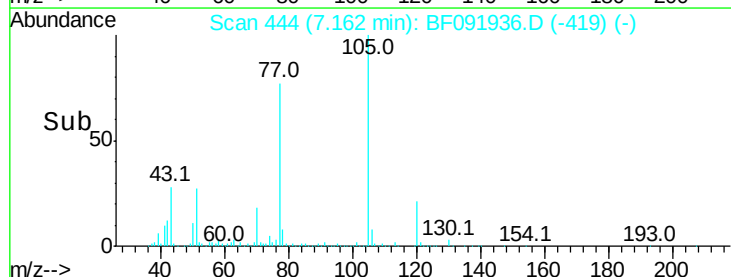


Abundance Ion 105.00 (104.70 to 105.70): E

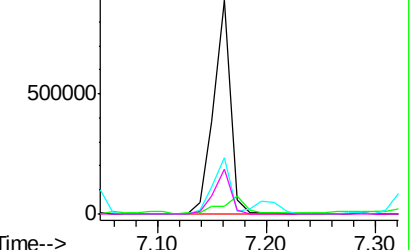
Ion 71.00 (70.70 to 71.70): BF0

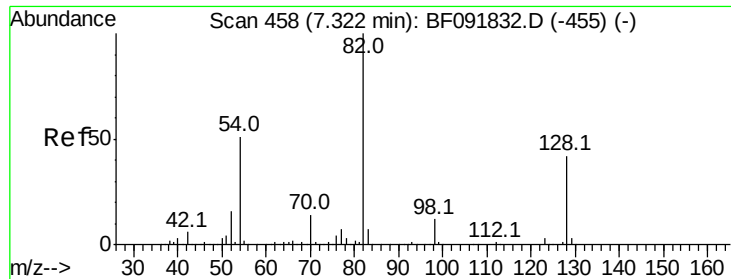
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

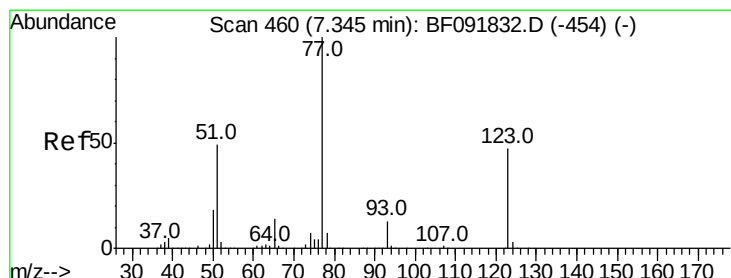
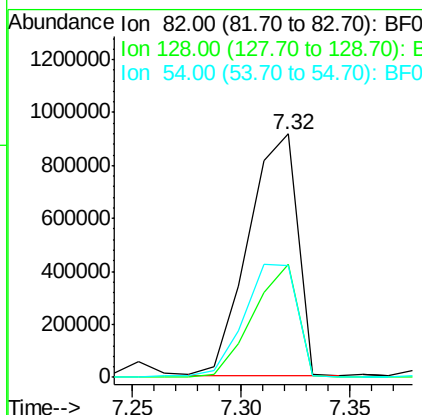
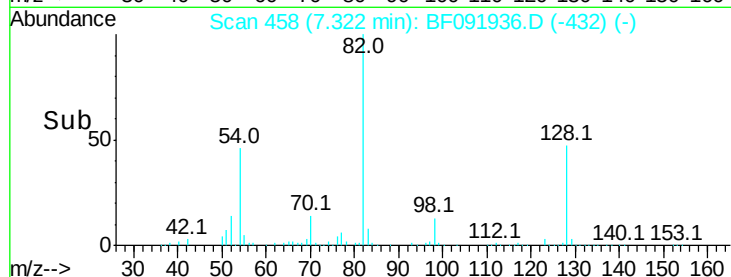
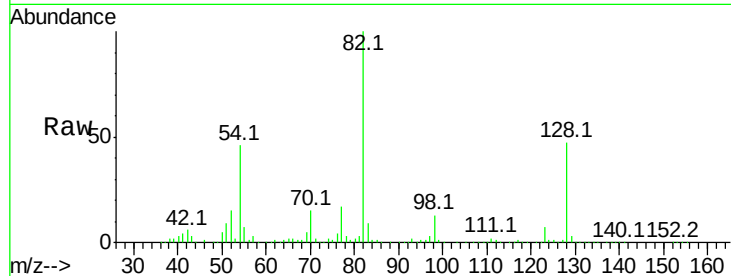




#23
 Nitrobenzene-d5
 Concen: 93.59 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

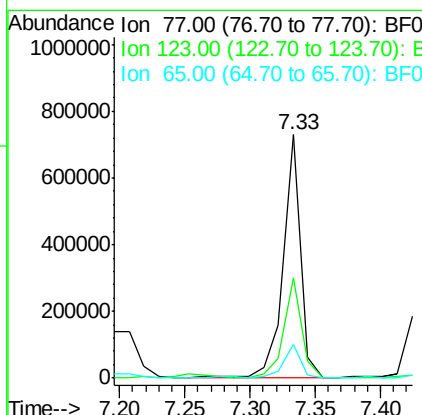
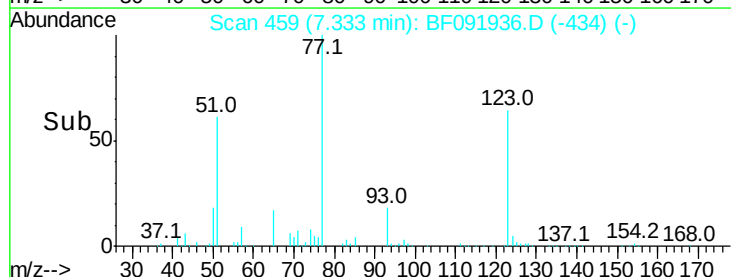
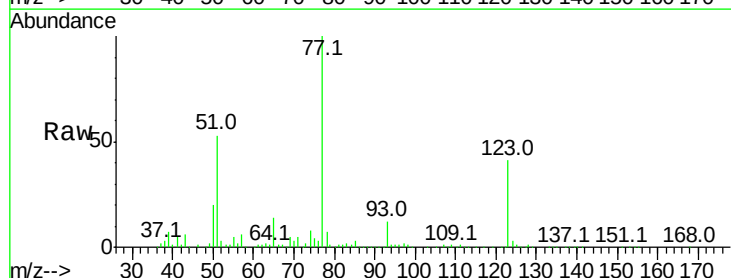
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

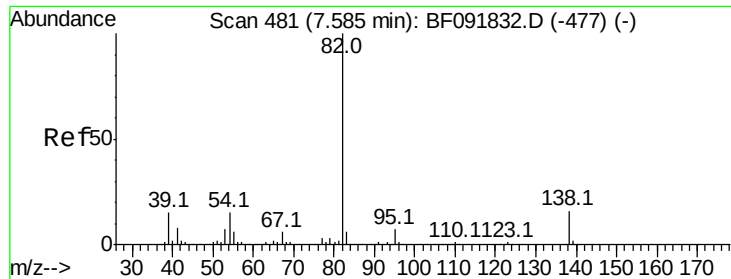
Tot Ion: 82 Resp: 1433692
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.6 52.0
 54 46.2 39.5 59.3



#24
 Nitrobenzene
 Concen: 41.27 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion: 77 Resp: 673393
 Ion Ratio Lower Upper
 77 100
 123 41.2 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 44.94 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

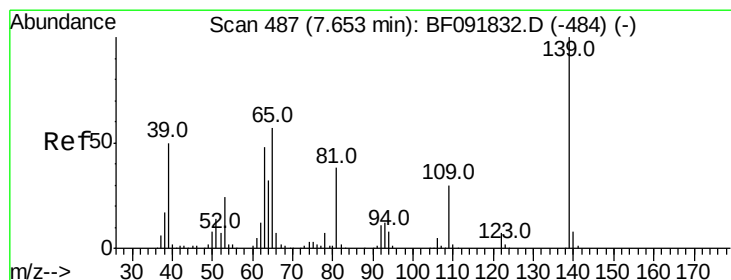
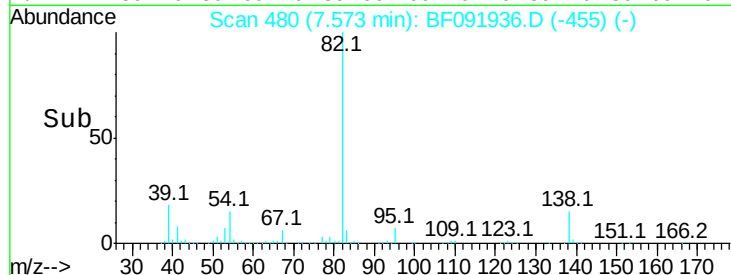
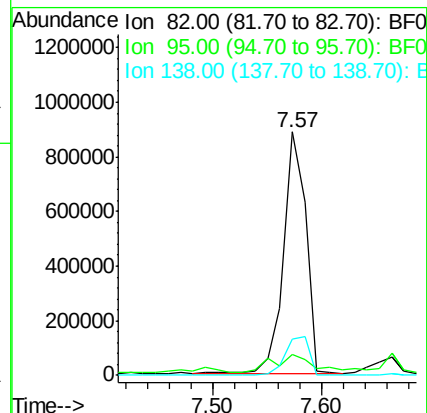
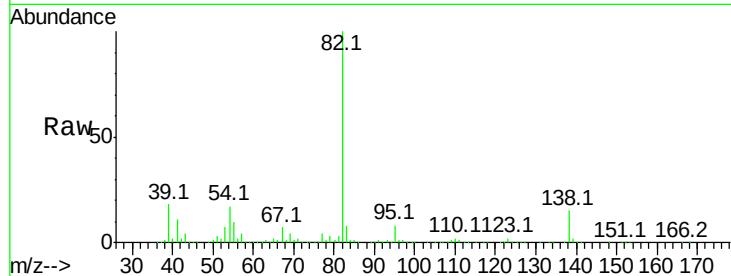
Tot Ion: 82 Resp: 1270038

Ion Ratio Lower Upper

82 100

95 8.5 5.6 8.4#

138 14.8 14.6 22.0



#26

2-Nitrophenol

Concen: 45.05 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

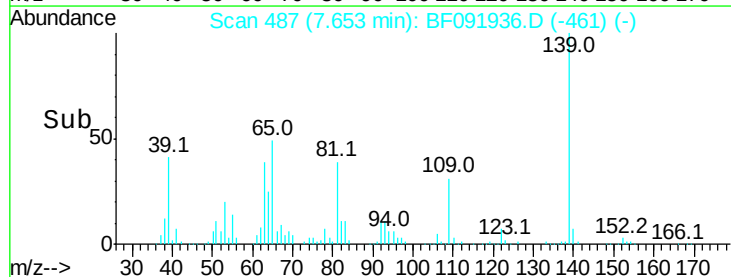
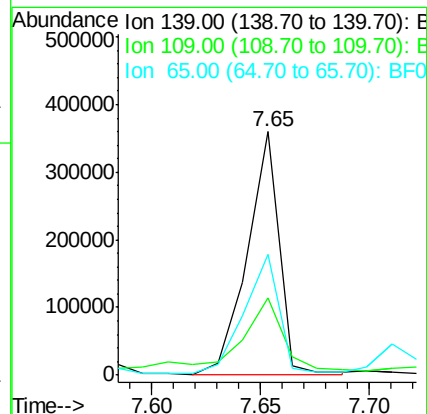
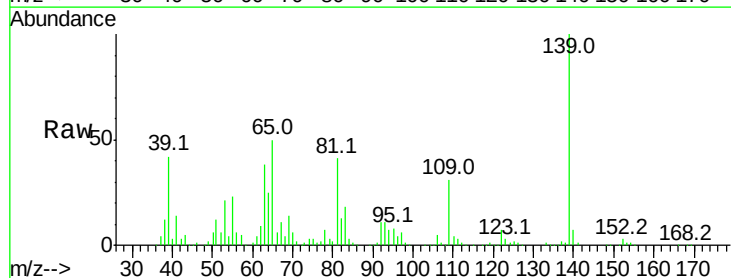
Tgt Ion: 139 Resp: 362486

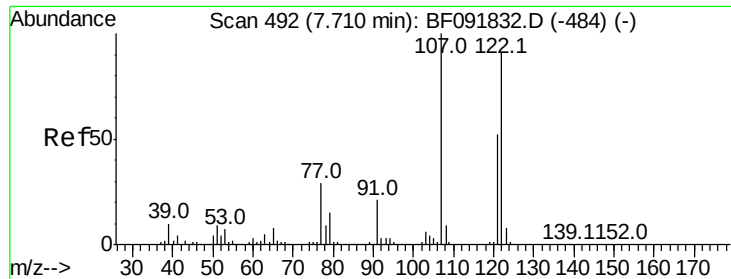
Ion Ratio Lower Upper

139 100

109 31.5 23.3 34.9

65 49.6 42.7 64.1

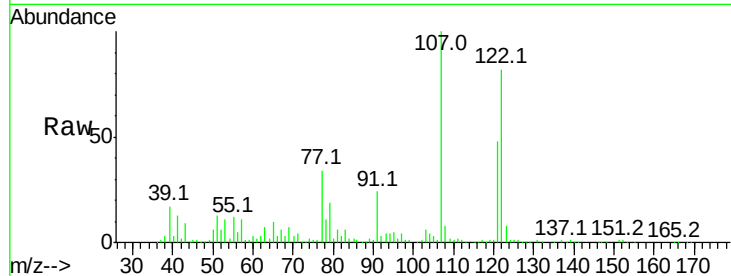




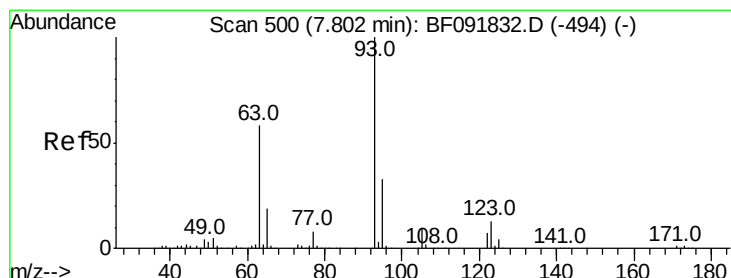
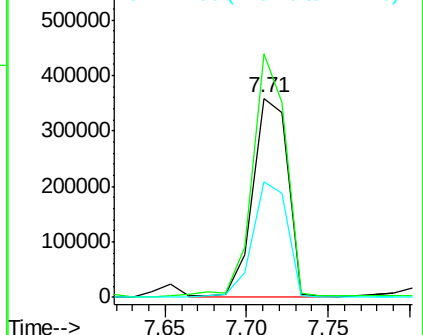
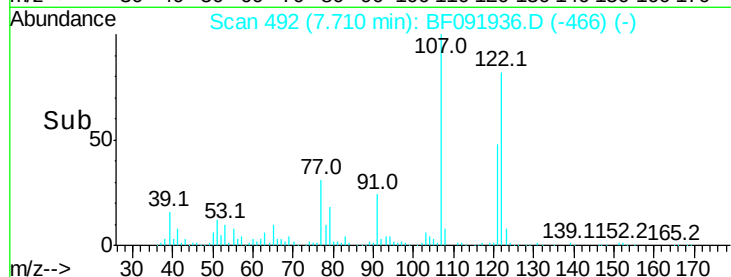
#27
 2,4-Dimethylphenol
 Concen: 40.11 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tot Ion:122 Resp: 535259
 Ion Ratio Lower Upper
 122 100
 107 122.3 94.1 141.1
 121 58.4 46.0 69.0

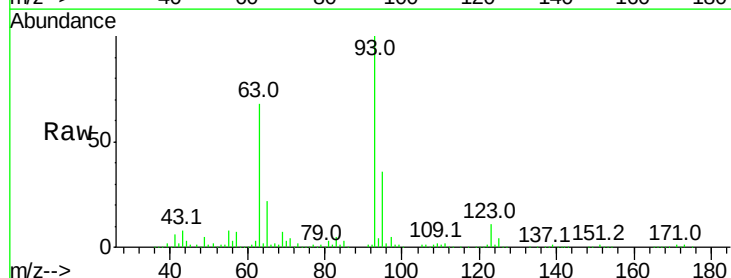


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

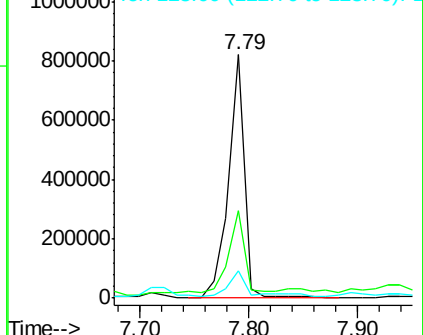
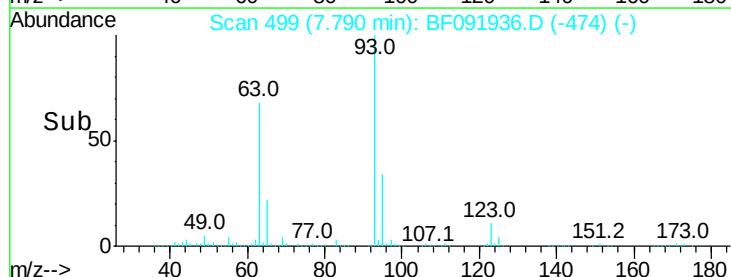


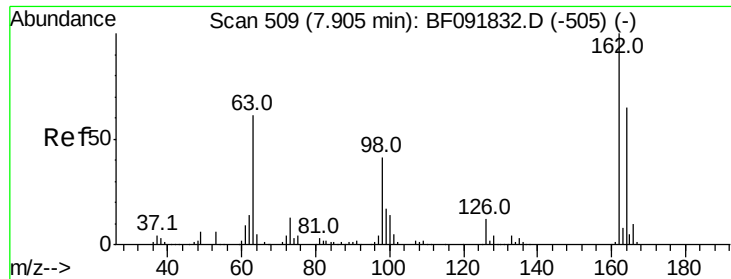
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.36 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion: 93 Resp: 811716
 Ion Ratio Lower Upper
 93 100
 95 35.7 26.5 39.7
 123 11.4 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: 46.86 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

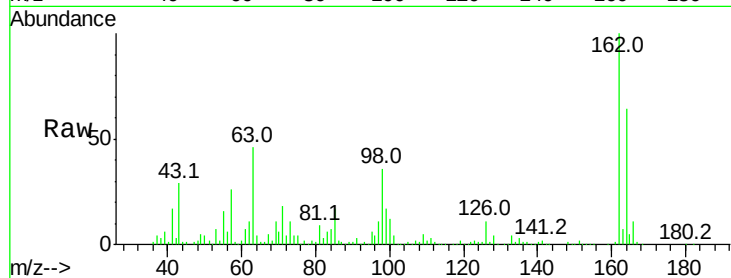
Tot Ion:162 Resp: 529517

Ion Ratio Lower Upper

162 100

164 64.3 46.8 86.8

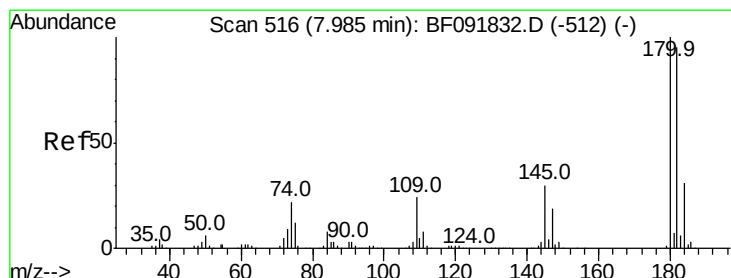
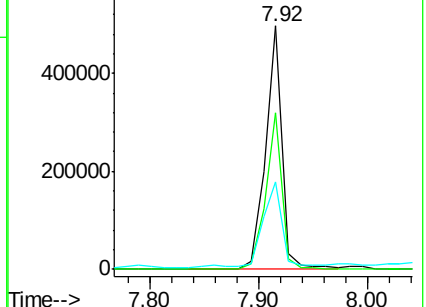
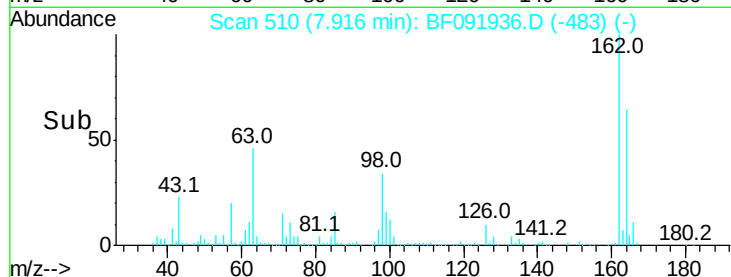
98 36.0 9.1 49.1



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: 41.28 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

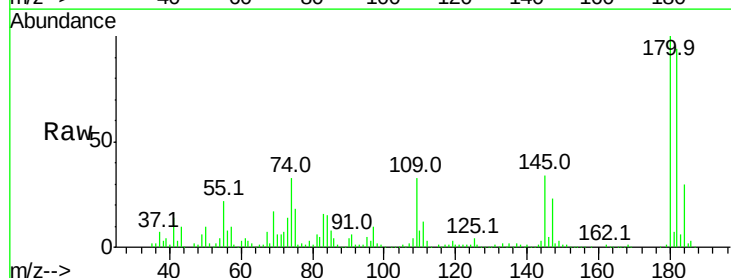
Tgt Ion:180 Resp: 511138

Ion Ratio Lower Upper

180 100

182 94.0 78.2 117.4

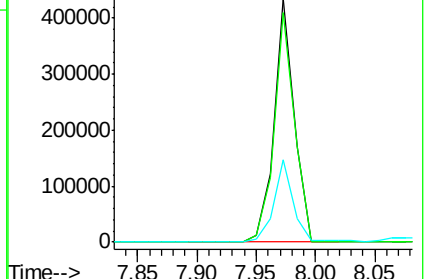
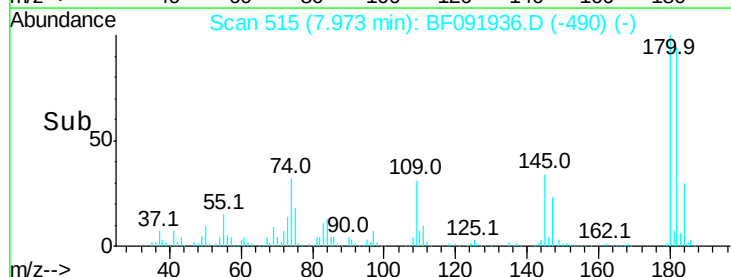
145 33.8 21.6 32.4#

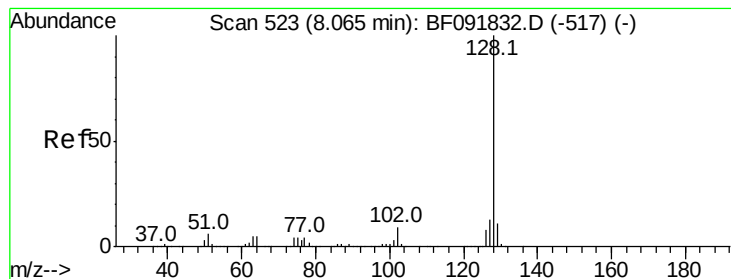


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.81 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

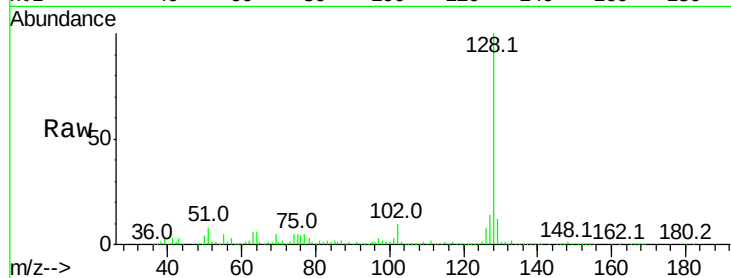
Tot Ion:128 Resp: 1630077

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

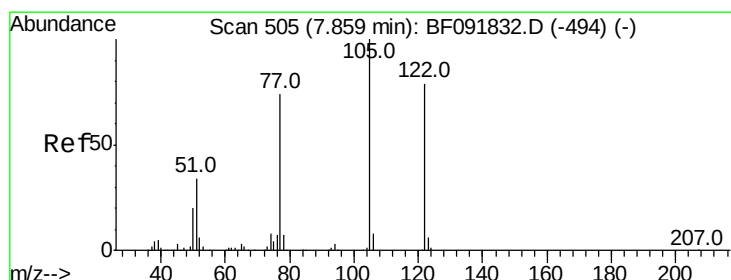
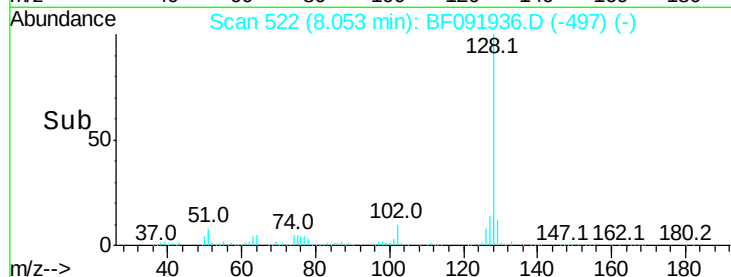
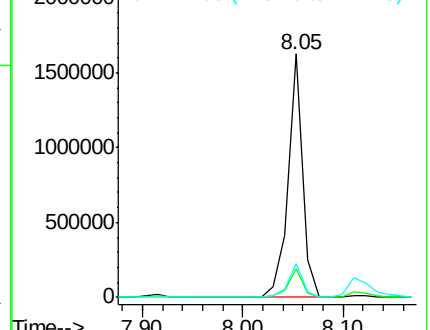
127 13.6 10.8 16.2



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: 17.64 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

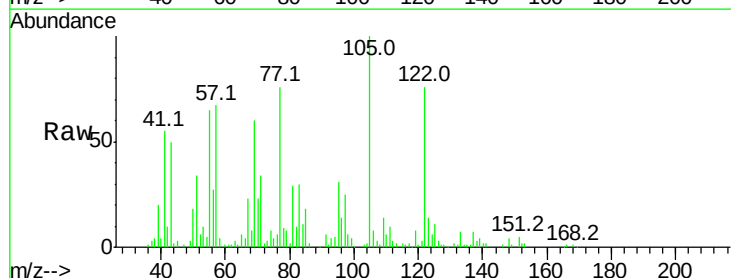
Tgt Ion:122 Resp: 174613

Ion Ratio Lower Upper

122 100

105 131.3 107.2 147.2

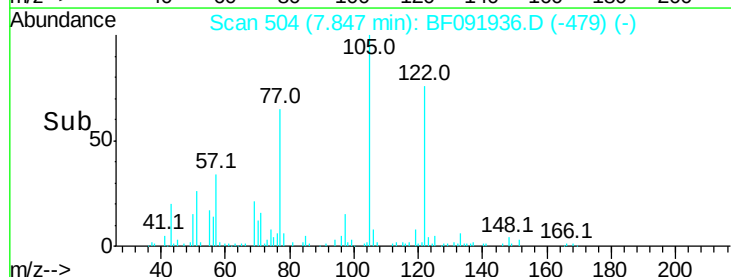
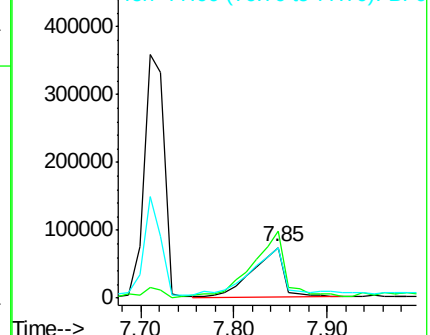
77 100.2 74.5 114.5

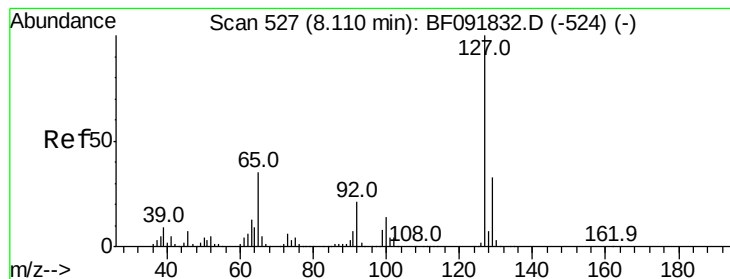


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.35 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

Tot Ion:127 Resp: 199579

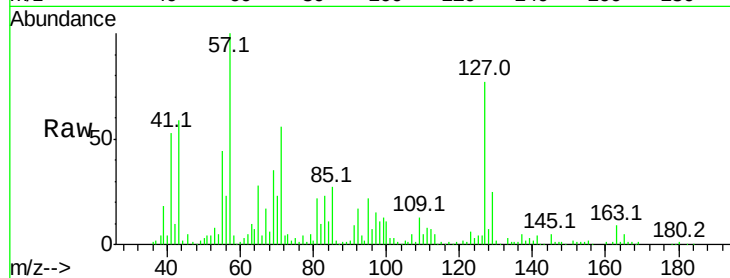
Ion Ratio Lower Upper

127 100

129 32.2 26.3 39.5

65 37.0 25.8 38.8

92 21.7 16.1 24.1

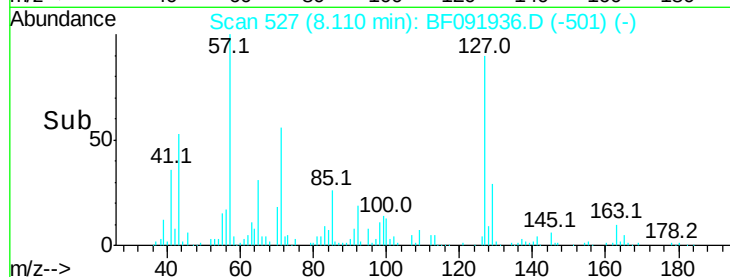


Abundance Ion 127.00 (126.70 to 127.70): E

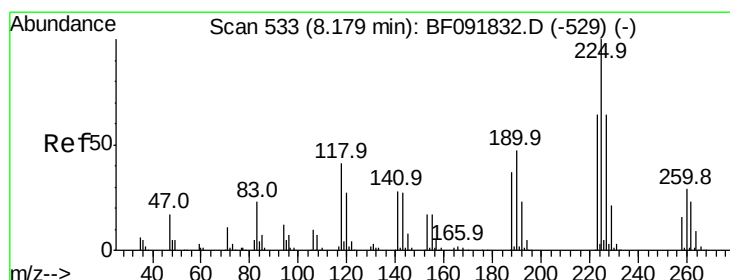
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 44.82 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

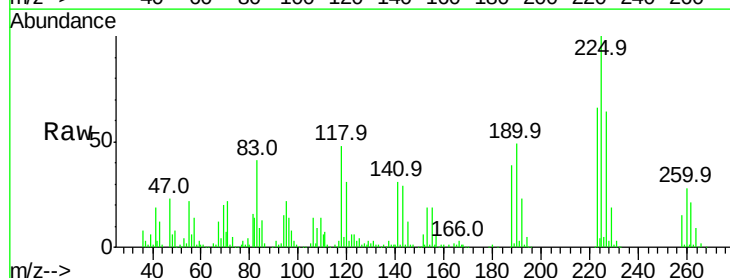
Tgt Ion:225 Resp: 292987

Ion Ratio Lower Upper

225 100

223 65.6 51.0 76.6

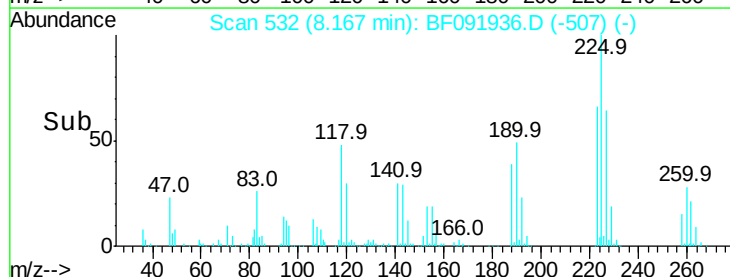
227 64.0 50.6 76.0



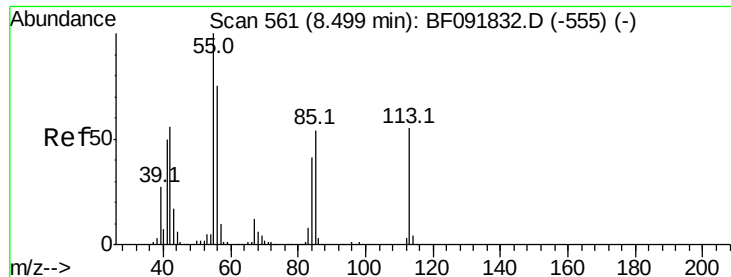
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 74.35 ng/ml

RT: 8.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

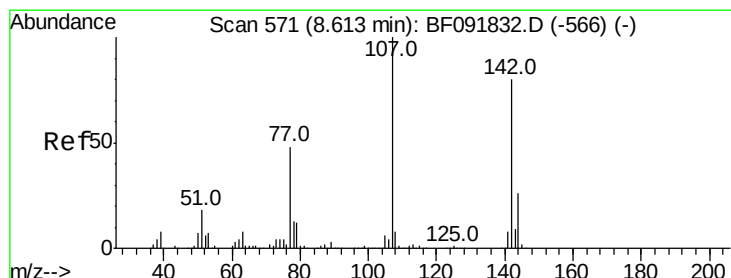
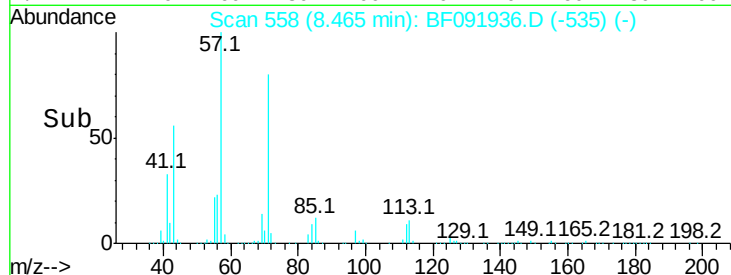
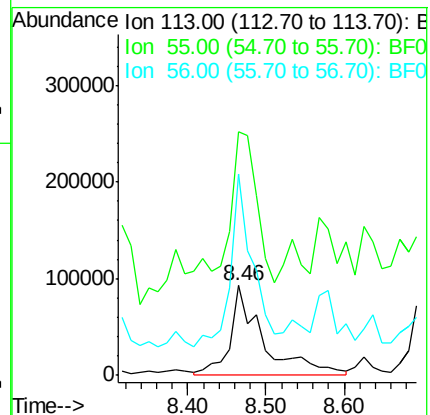
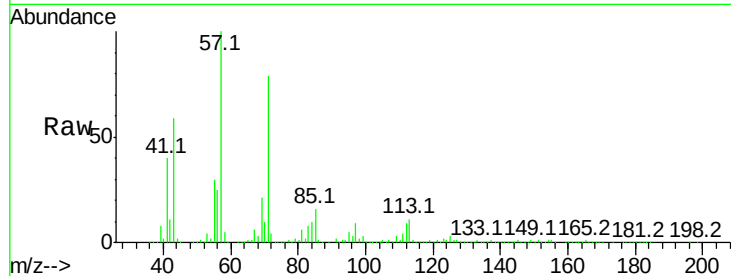
Tot Ion:113 Resp: 276093

Ion Ratio Lower Upper

113 100

55 270.7 119.2 159.2#

56 224.6 83.8 123.8#



#36

4-Chloro-3-methylphenol

Concen: 39.74 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

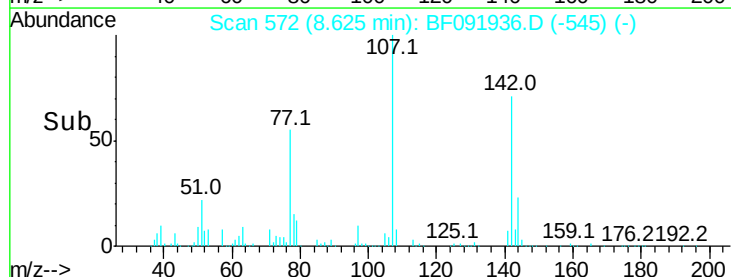
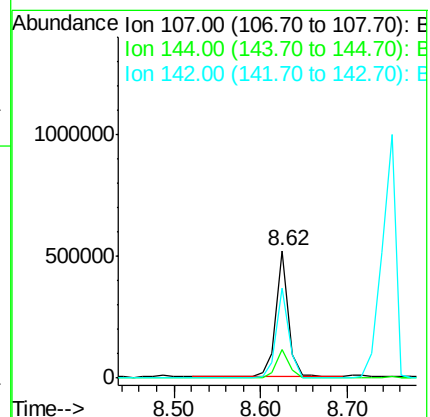
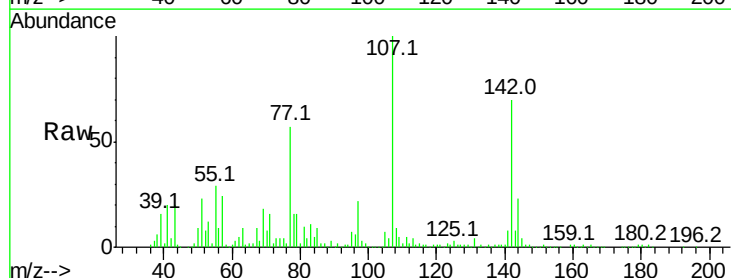
Tgt Ion:107 Resp: 516801

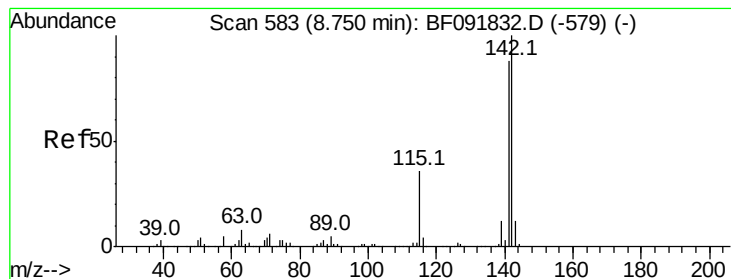
Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

142 70.4 59.0 88.6





#37

2-Methylnaphthalene

Concen: 49.22 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

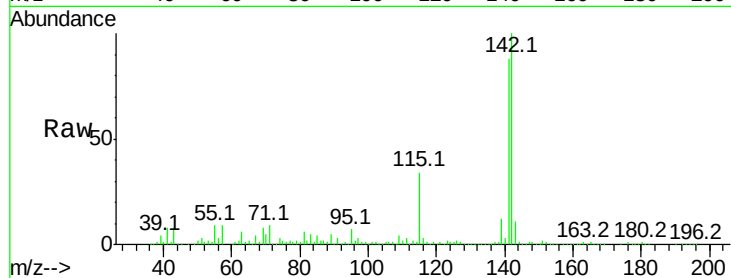
Tot Ion:142 Resp: 1123598

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

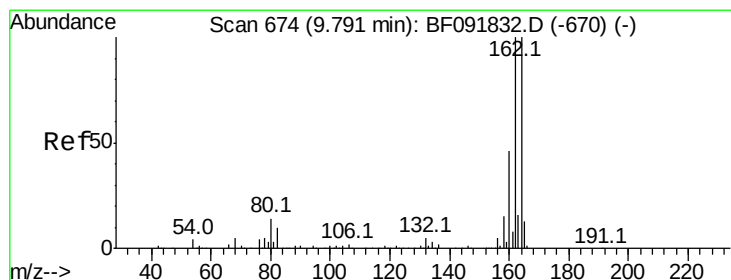
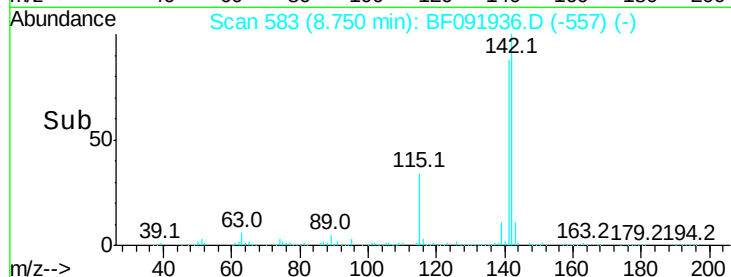
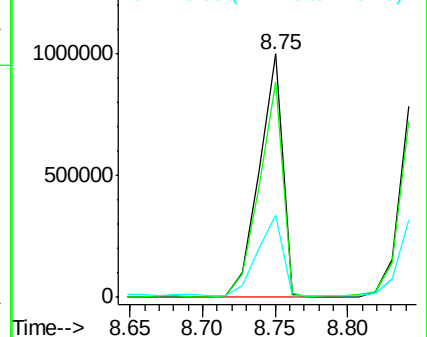
115 33.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

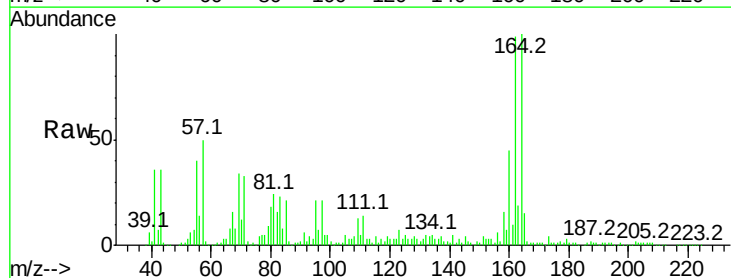
Tgt Ion:164 Resp: 407851

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

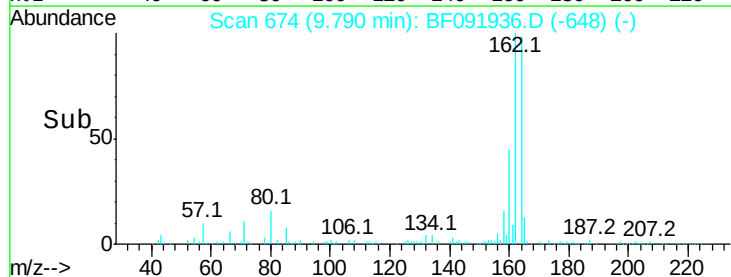
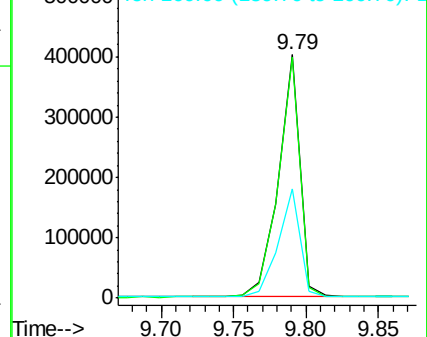
160 44.8 36.9 55.3

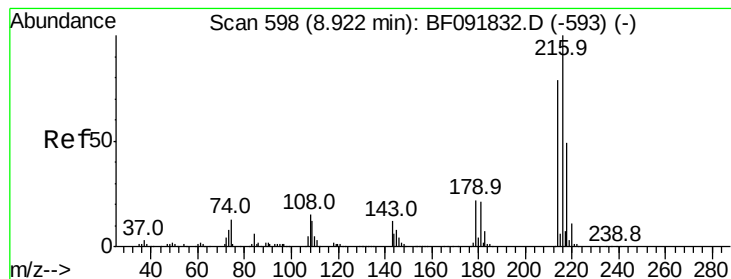


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.43 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

Tot Ion:216 Resp: 426897

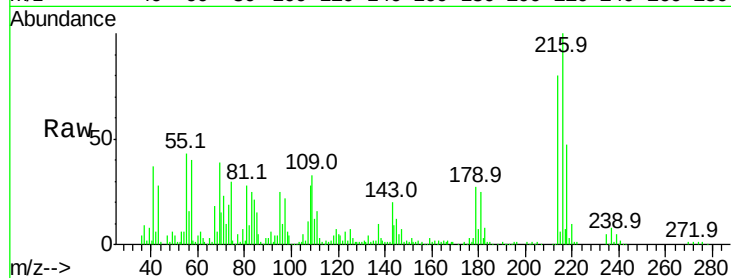
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.7 17.4 26.2

108 23.3 15.6 23.4

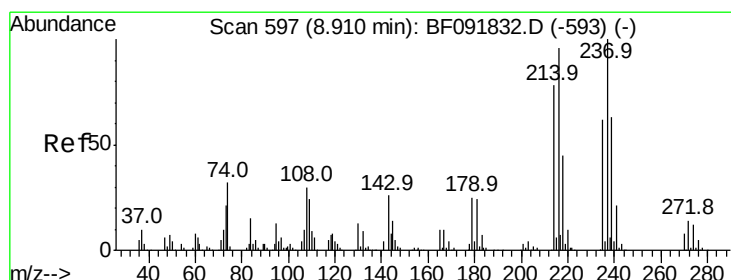
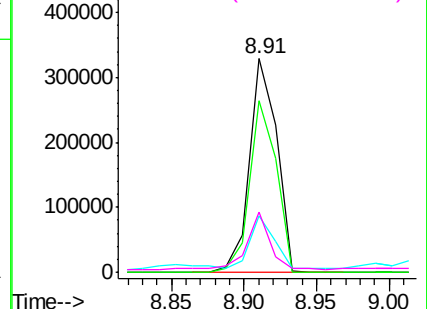
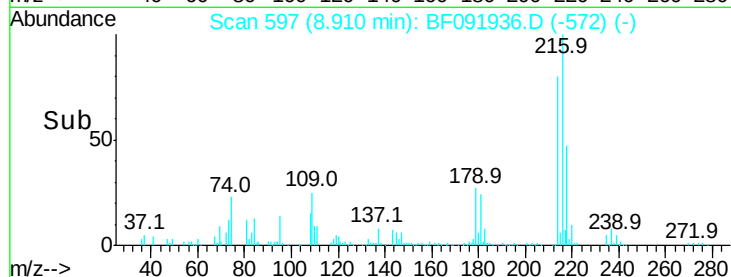


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.44 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

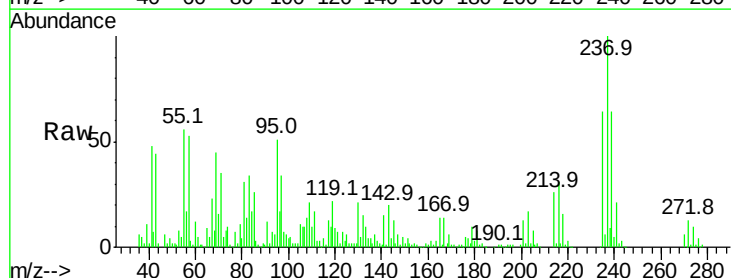
Tgt Ion:237 Resp: 185738

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

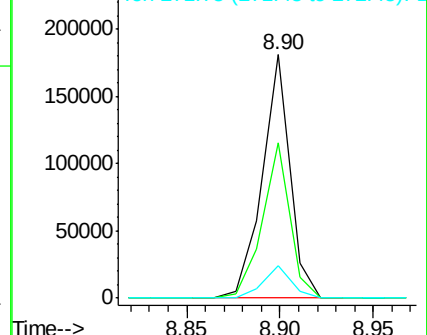
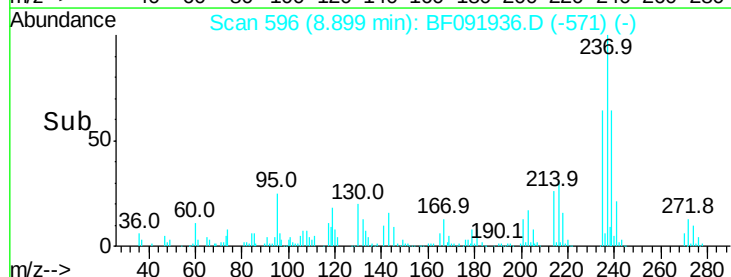
272 13.1 0.0 35.4

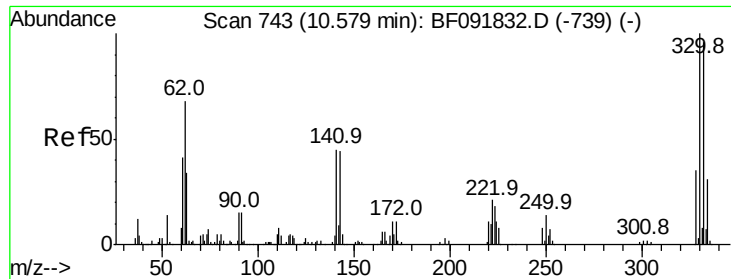


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

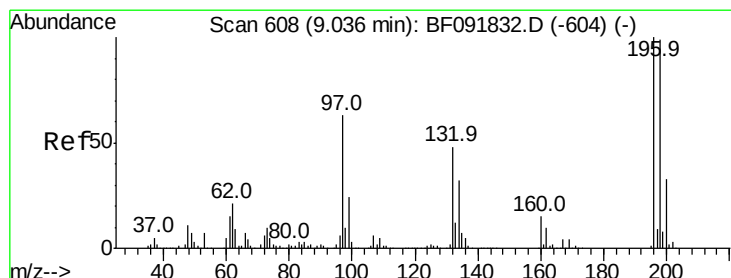
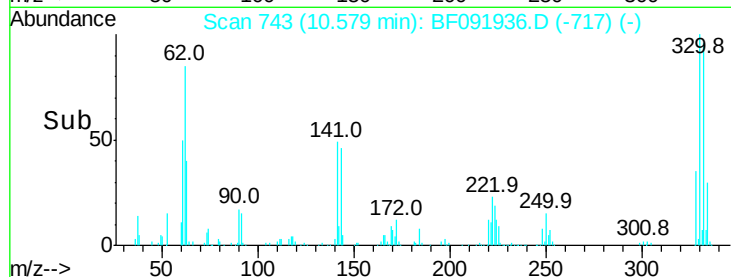
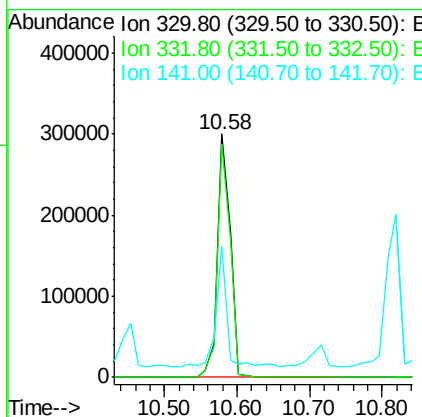
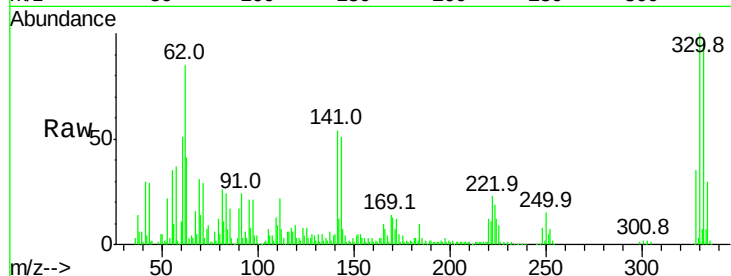




#41
 2,4,6-Tribromophenol
 Concen: 109.33 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

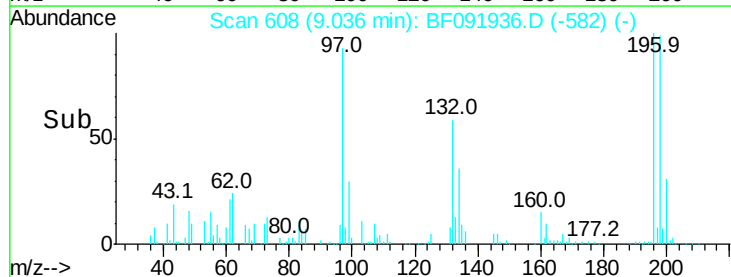
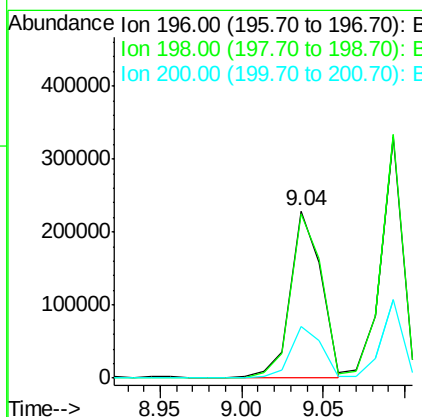
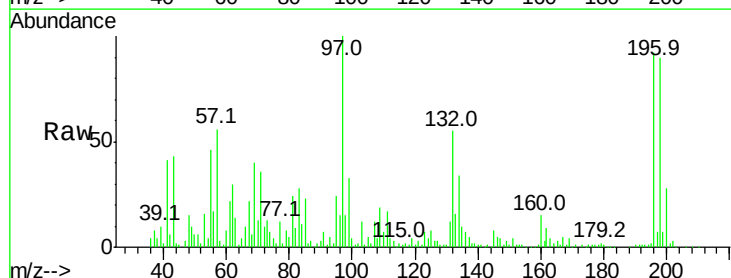
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

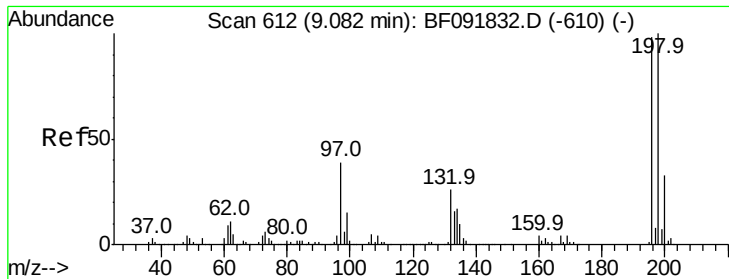
Tot Ion:330 Resp: 369002
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 41.8 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 41.40 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:196 Resp: 298338
 Ion Ratio Lower Upper
 196 100
 198 98.7 82.1 123.1
 200 31.0 27.0 40.4

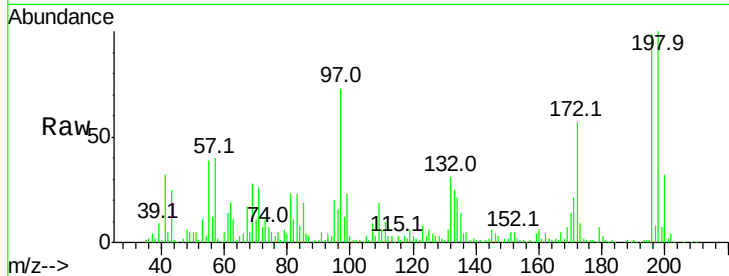




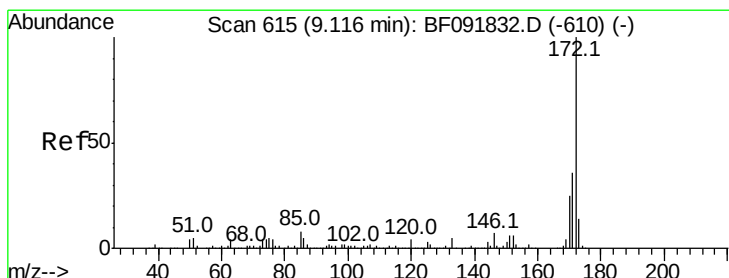
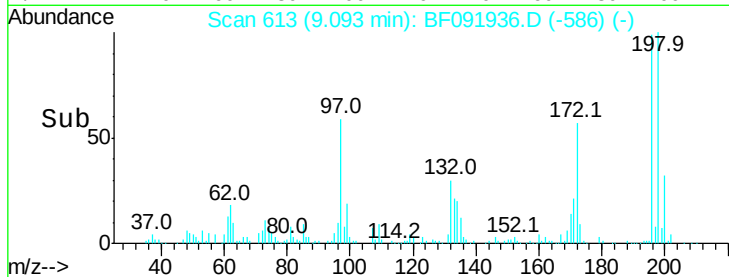
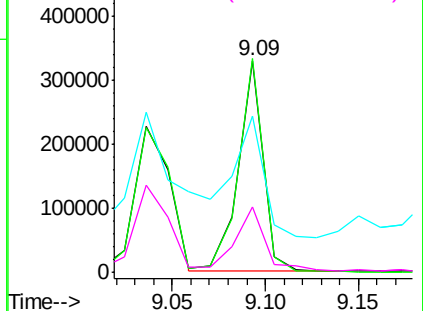
#43
 2,4,5-Trichlorophenol
 Concen: 41.39 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tot Ion:196 Resp: 306961
 Ion Ratio Lower Upper
 196 100
 198 101.1 79.4 119.2
 97 74.1 51.5 77.3
 132 30.9 27.4 41.2

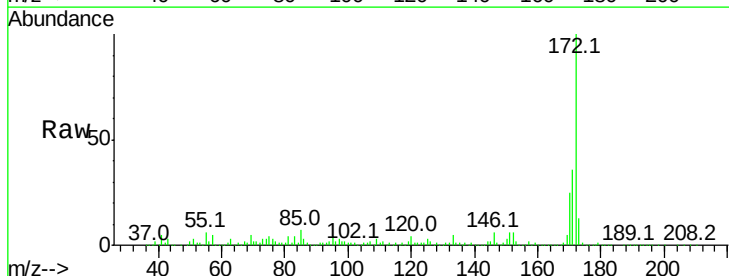


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

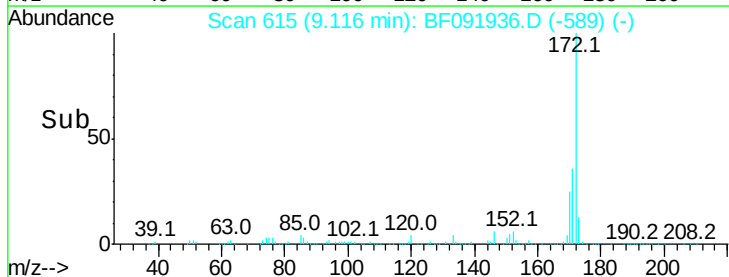
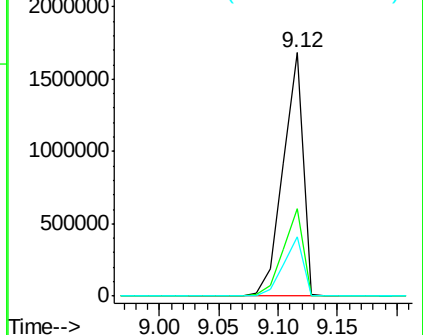


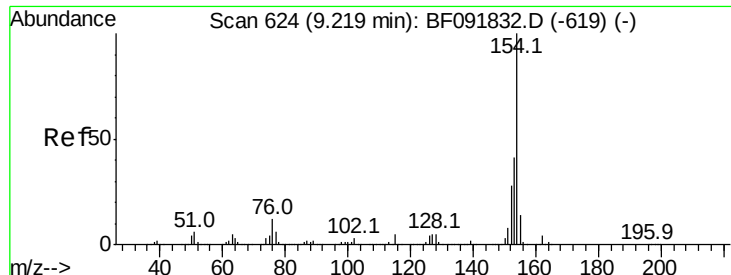
#44
 2-Fluorobiphenyl
 Concen: 99.49 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:172 Resp: 1936640
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.6 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 42.41 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

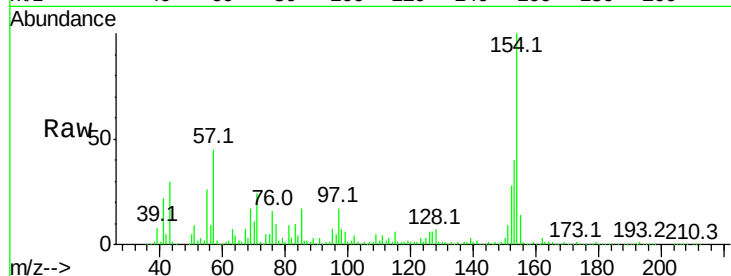
Tot Ion:154 Resp: 1184200

Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

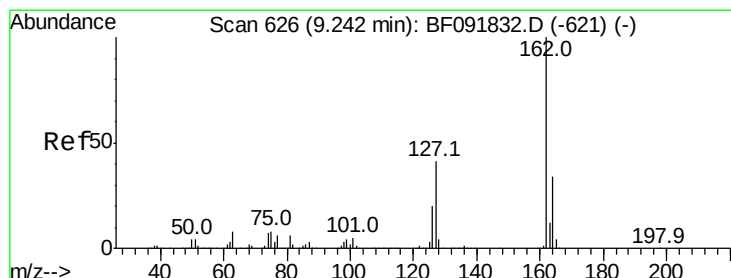
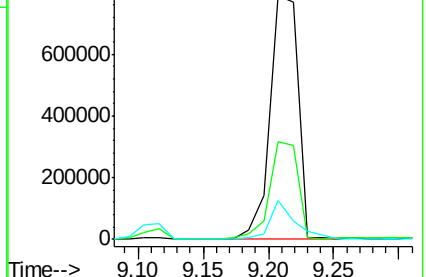
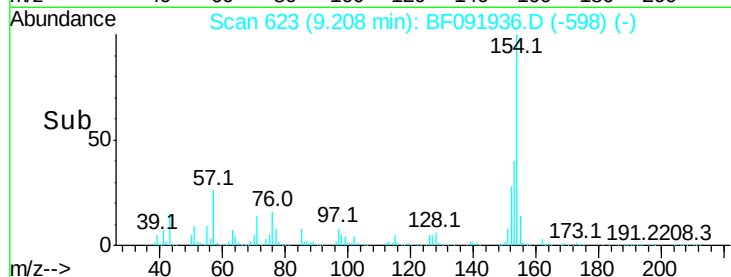
76 15.7 0.0 30.5



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): E



#46

2-Chloronaphthalene

Concen: 41.62 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

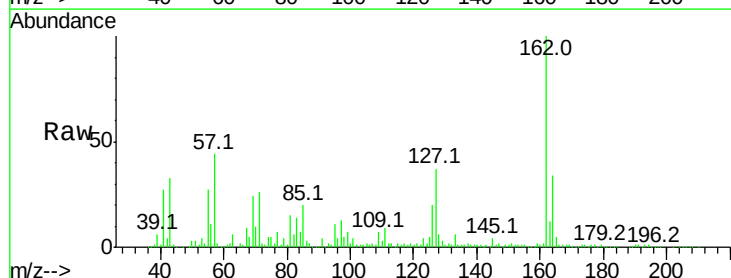
Tgt Ion:162 Resp: 920431

Ion Ratio Lower Upper

162 100

127 37.0 30.7 46.1

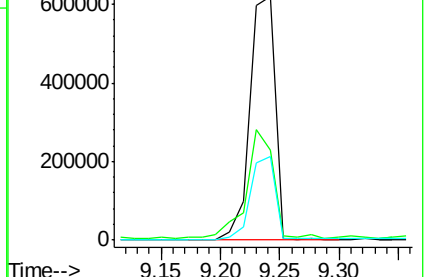
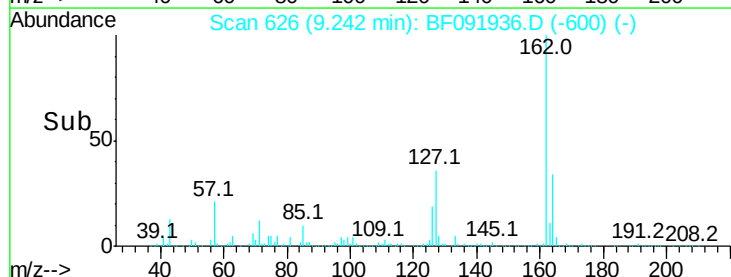
164 34.2 27.6 41.4

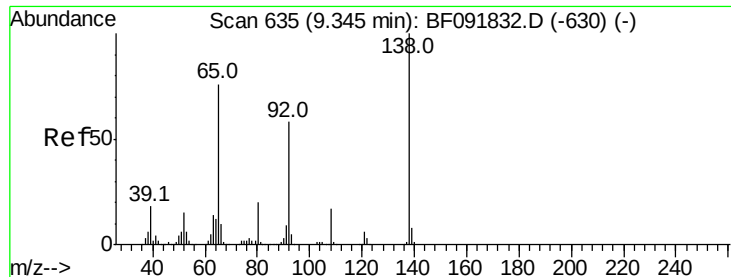


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

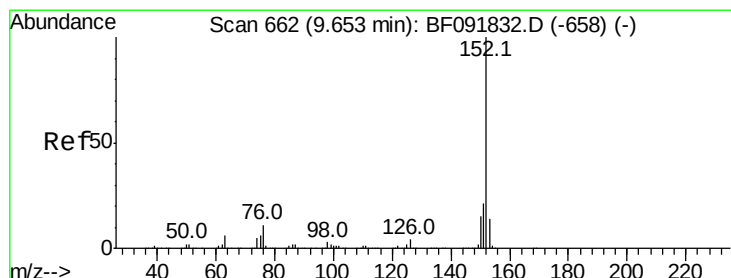
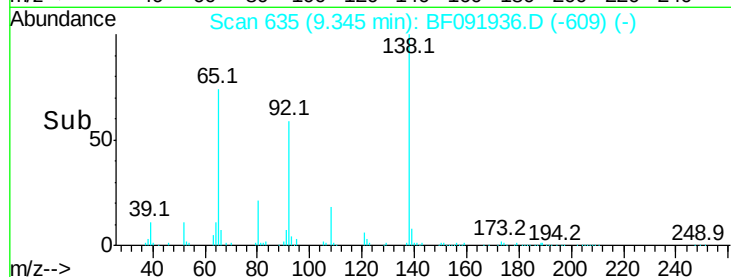
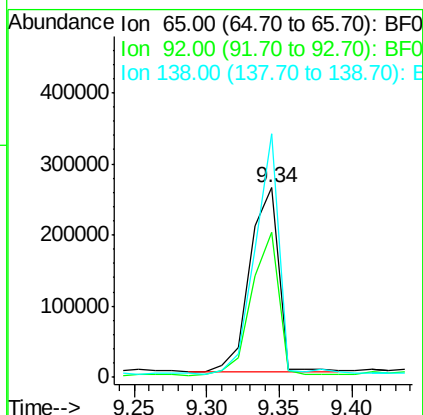
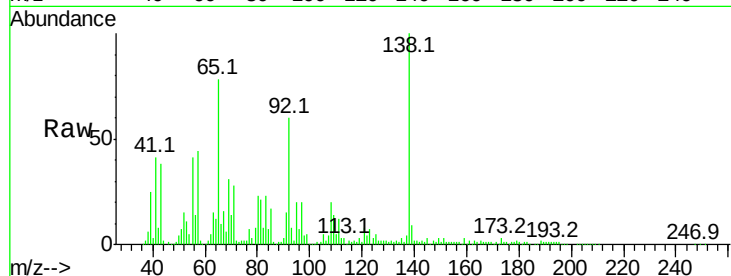




#47
2-Nitroaniline
Concen: 44.81 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

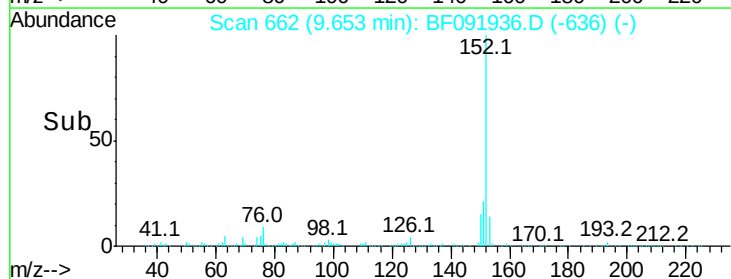
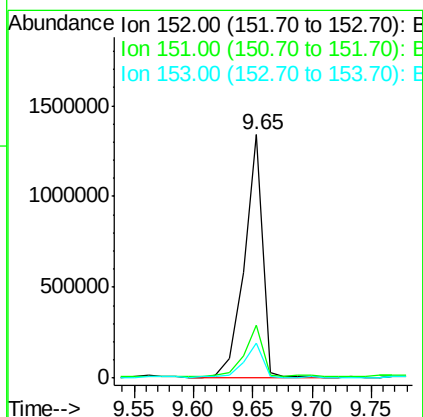
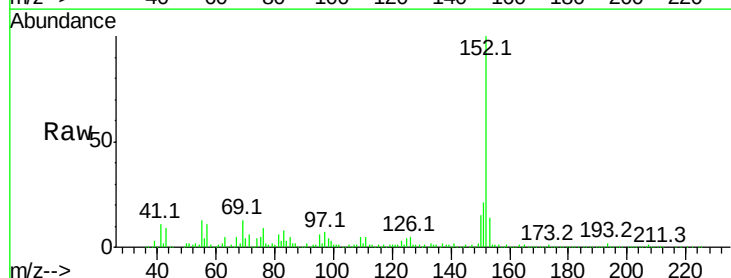
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

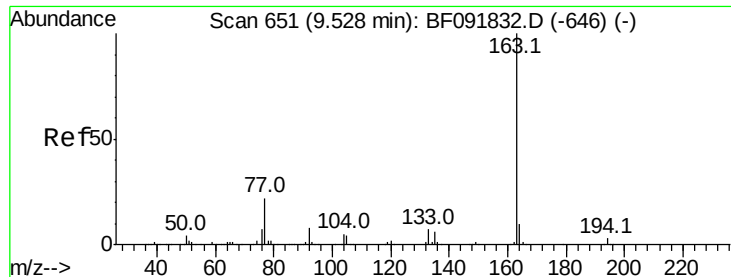
Tot Ion: 65 Resp: 352859
Ion Ratio Lower Upper
65 100
92 76.6 53.9 80.9
138 128.4 76.8 115.2#



#48
Acenaphthylene
Concen: 41.85 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:152 Resp: 1423341
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 45.21 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

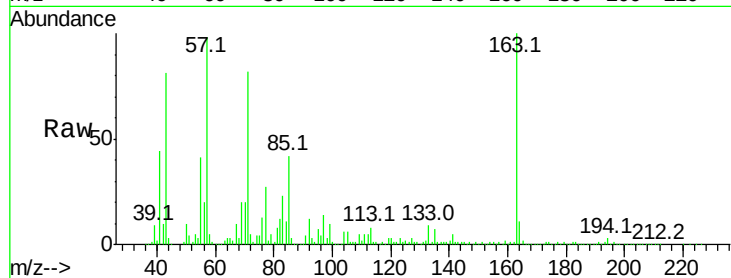
Tot Ion:163 Resp: 1179224

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

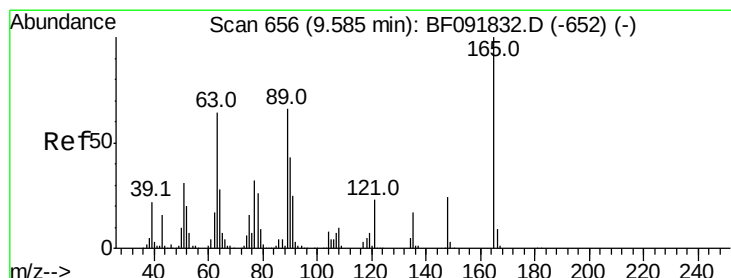
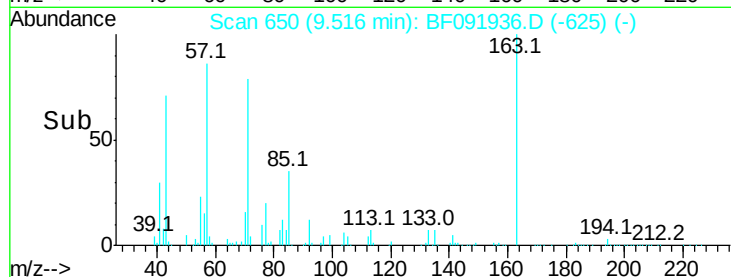
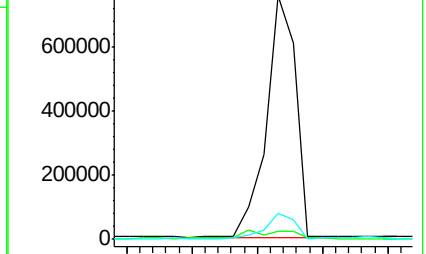
164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.04 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

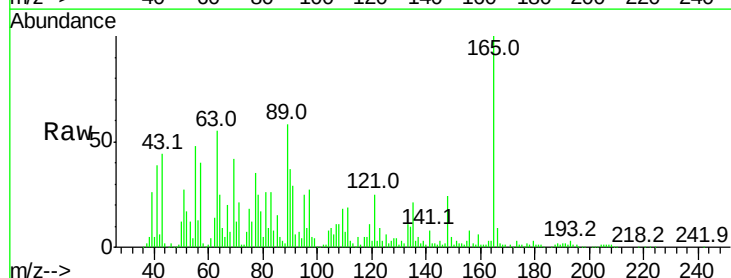
Tgt Ion:165 Resp: 262885

Ion Ratio Lower Upper

165 100

63 54.7 36.2 54.4#

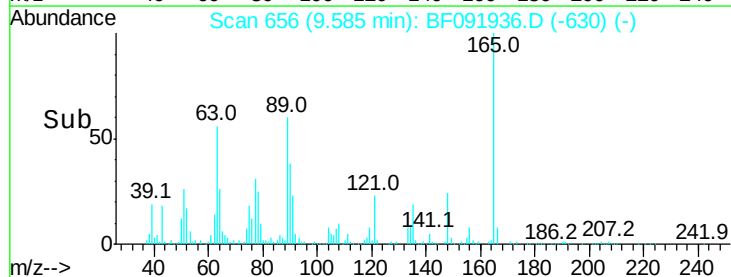
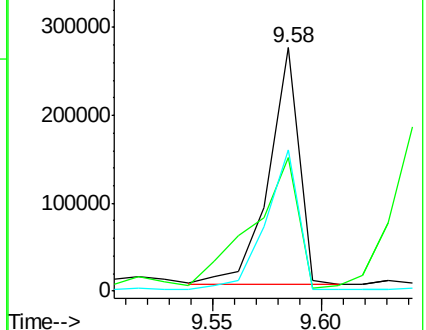
89 58.1 40.2 60.4

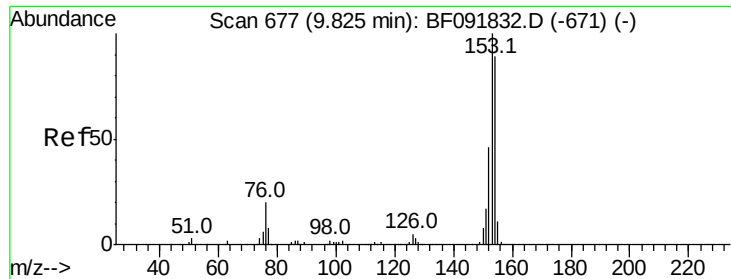


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.44 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

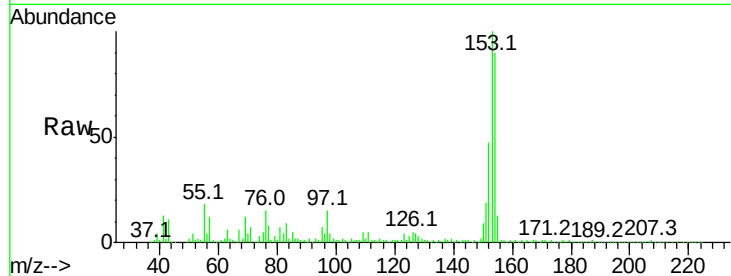
Tot Ion:154 Resp: 932401

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

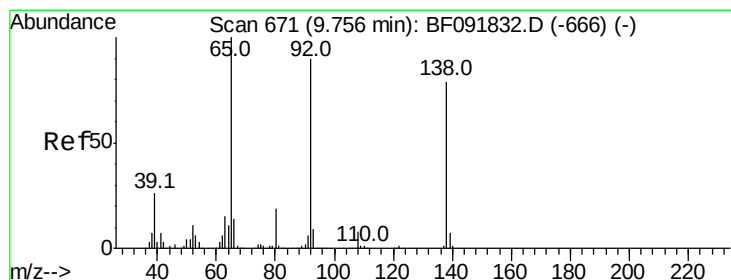
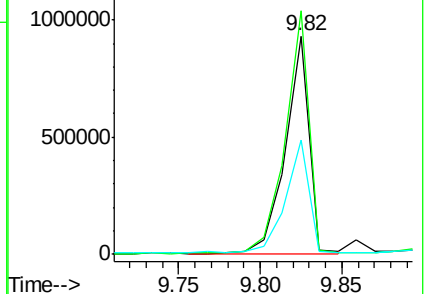
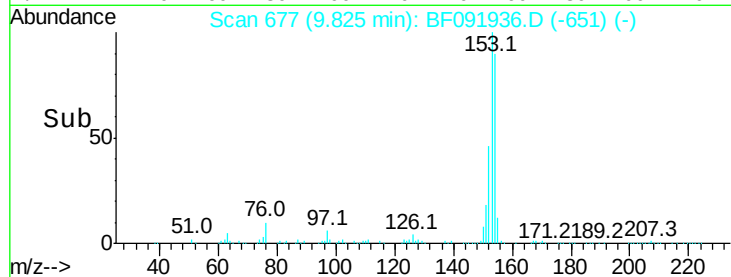
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.38 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

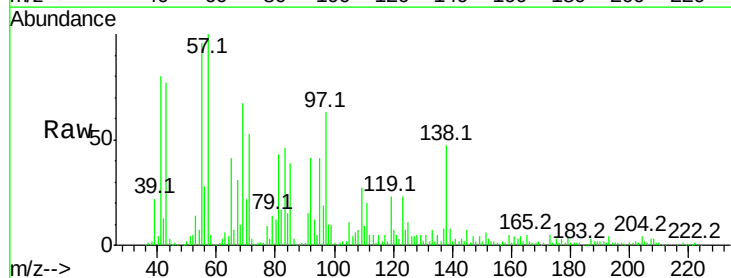
Tgt Ion:138 Resp: 151100

Ion Ratio Lower Upper

138 100

108 15.3 8.5 12.7#

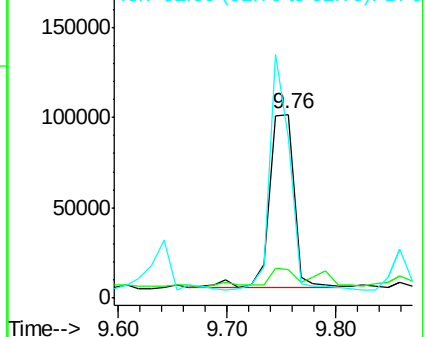
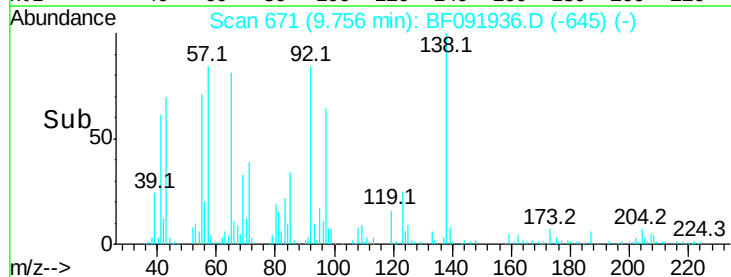
92 87.2 97.8 146.8#

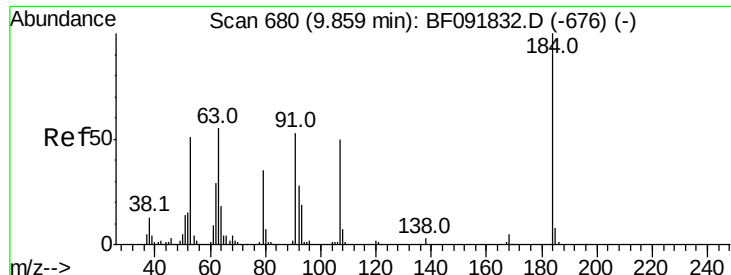


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 25.63 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

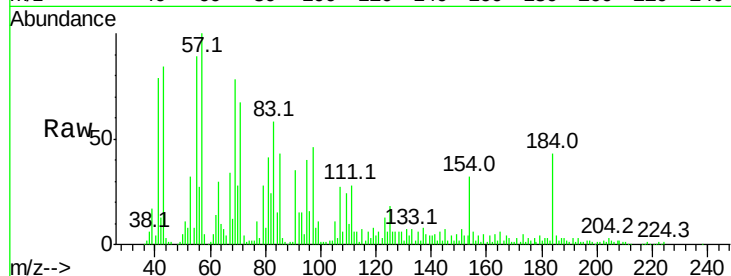
Tot Ion:184 Resp: 81432

Ion Ratio Lower Upper

184 100

63 68.8 28.4 42.6#

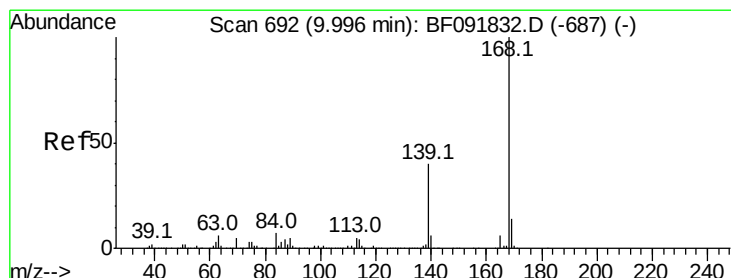
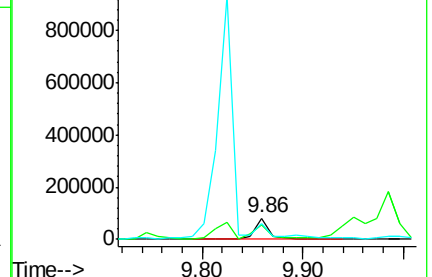
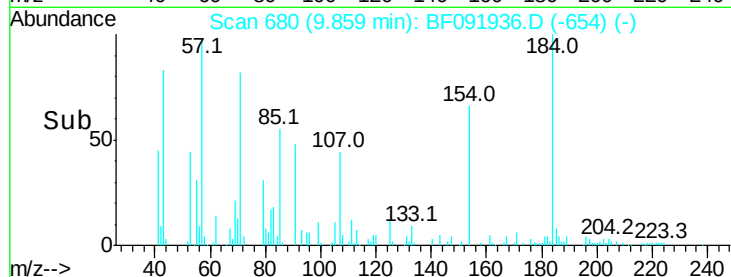
154 74.5 44.3 66.5#



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: 40.29 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

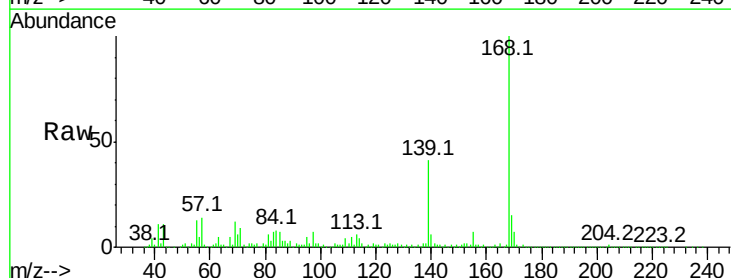
Tgt Ion:168 Resp: 1254716

Ion Ratio Lower Upper

168 100

139 41.4 32.6 49.0

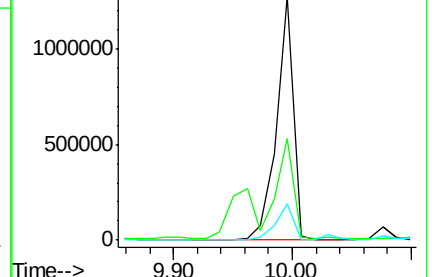
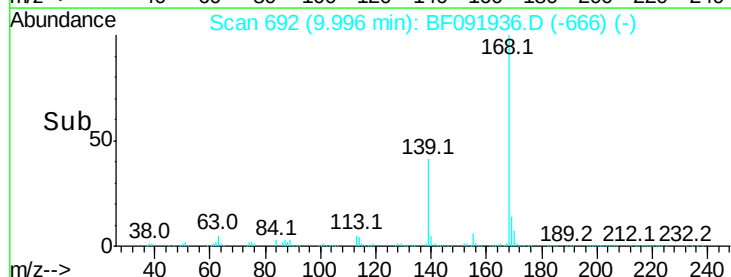
169 14.8 11.3 16.9

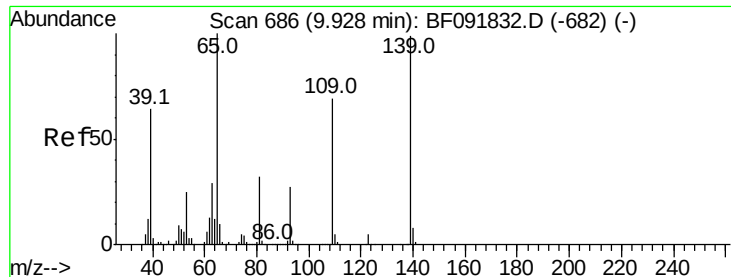


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.76 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.03 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

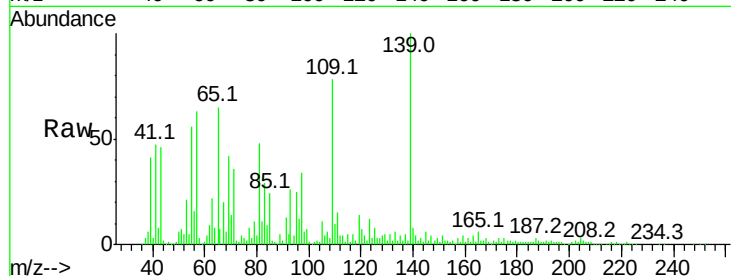
Tot Ion:139 Resp: 382628

Ion Ratio Lower Upper

139 100

109 78.0 52.2 92.2

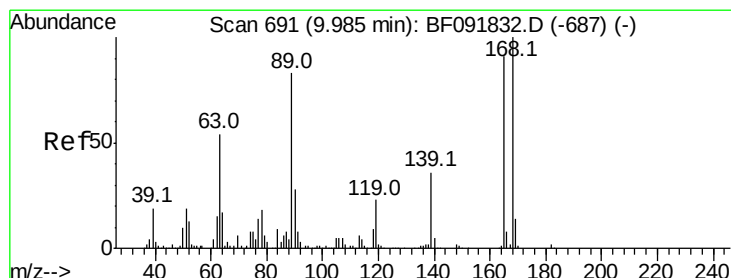
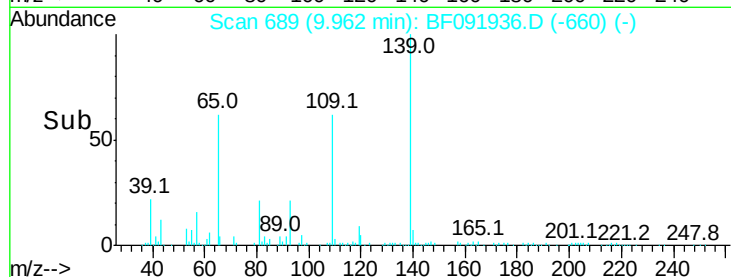
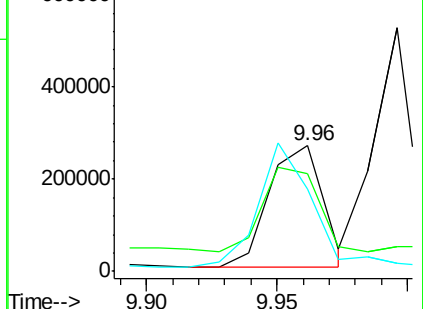
65 65.3 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.03 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion:165 Resp: 322674

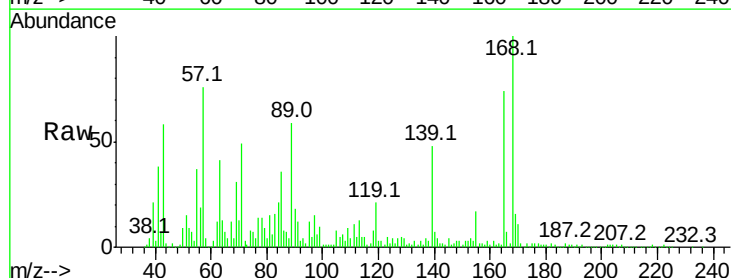
Ion Ratio Lower Upper

165 100

63 55.5 40.2 60.4

89 80.2 62.5 93.7

182 2.8 1.8 2.8#

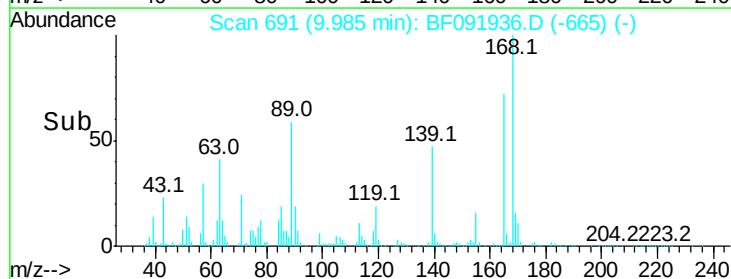
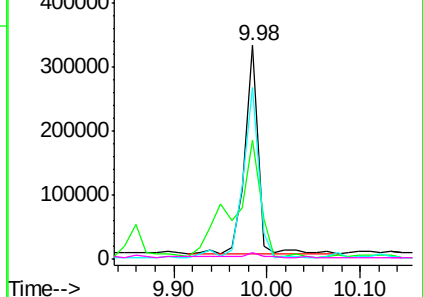


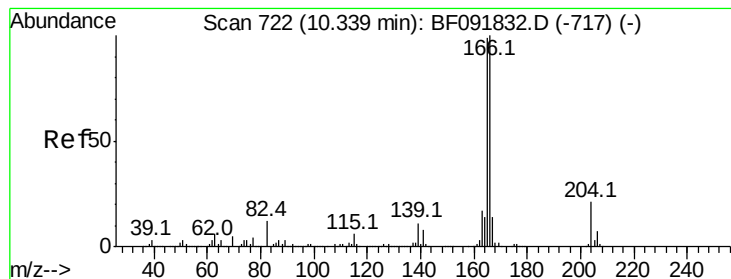
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.09 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

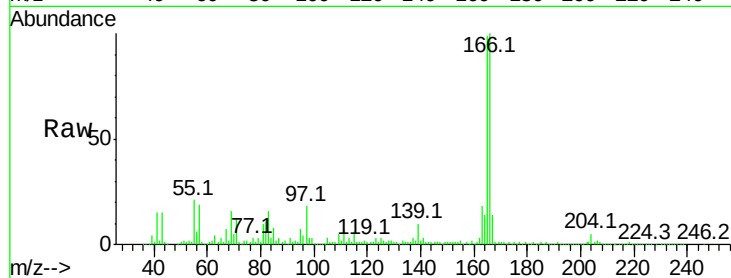
Tot Ion:166 Resp: 998781

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

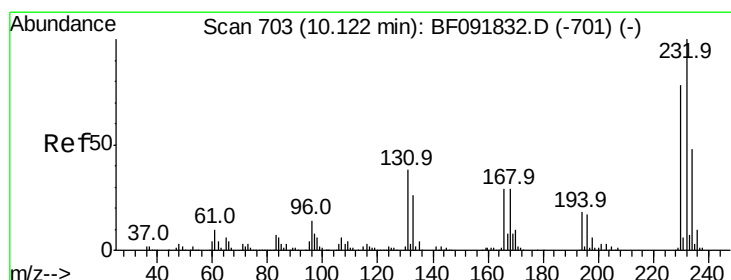
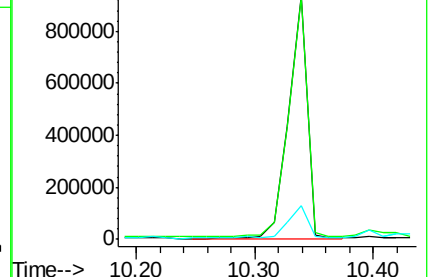
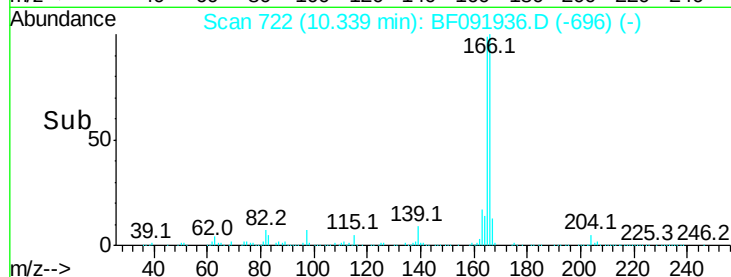
167 13.9 10.8 16.2



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: 39.09 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion:232 Resp: 229287

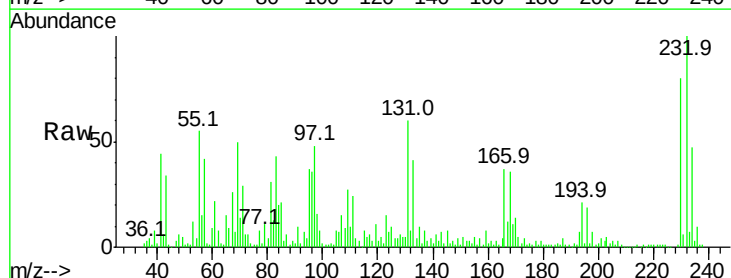
Ion Ratio Lower Upper

232 100

131 64.3 40.1 60.1#

130 5.0 1.8 2.8#

166 34.1 26.6 39.8

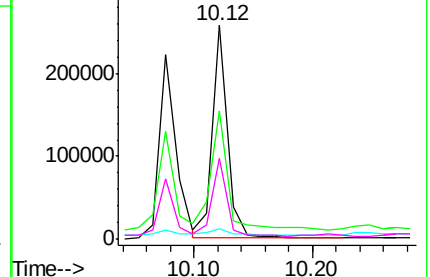
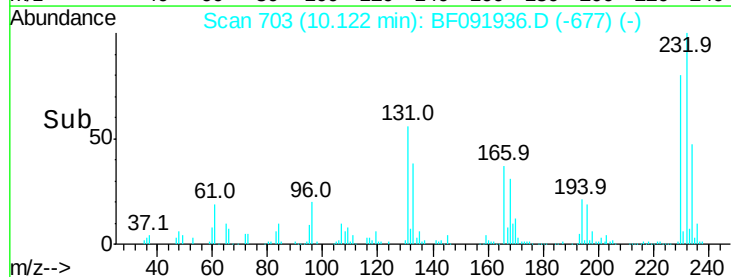


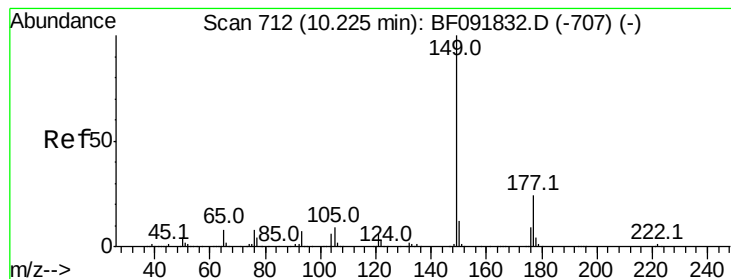
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.50 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

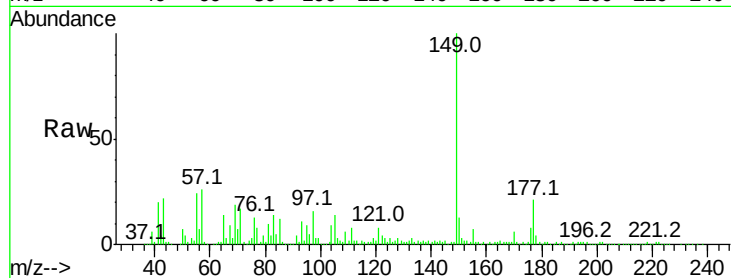
Tot Ion:149 Resp: 1000617

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	25.0
150	13.1	10.4	15.6

149 100

177 21.1 16.6 25.0

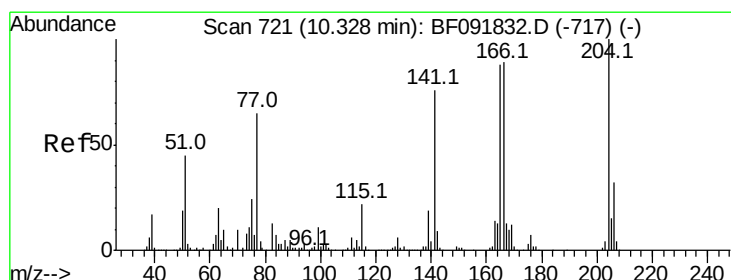
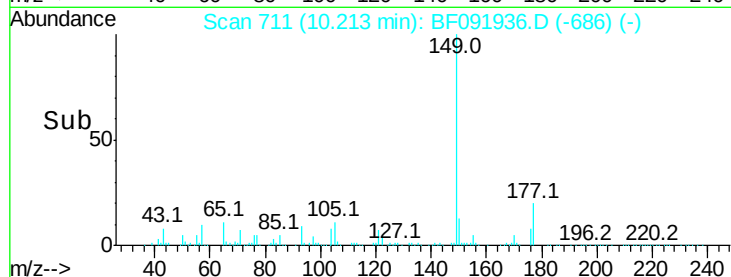
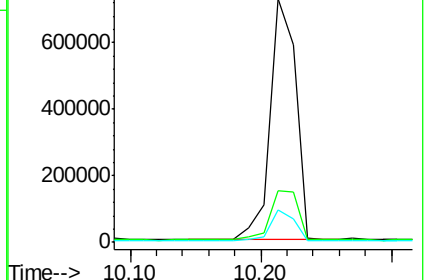
150 13.1 10.4 15.6



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: 41.01 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

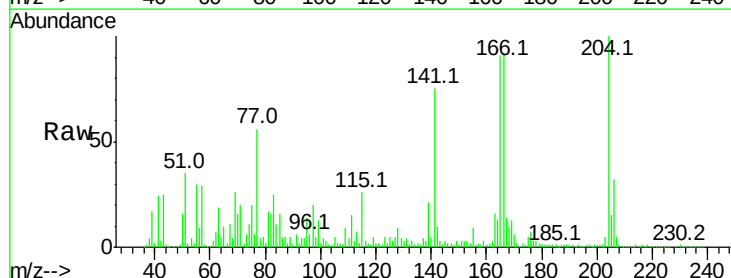
Tgt Ion:204 Resp: 406805

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.6
141	74.9	59.4	89.0

204 100

206 32.3 25.8 38.6

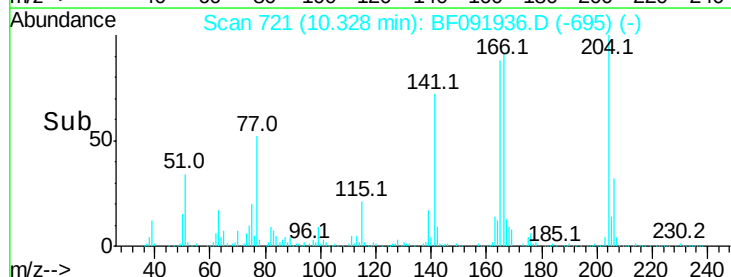
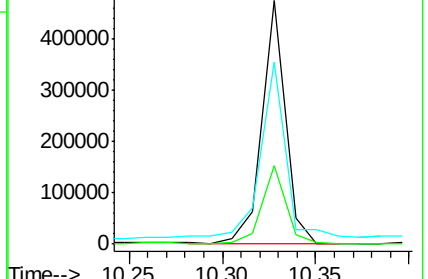
141 74.9 59.4 89.0

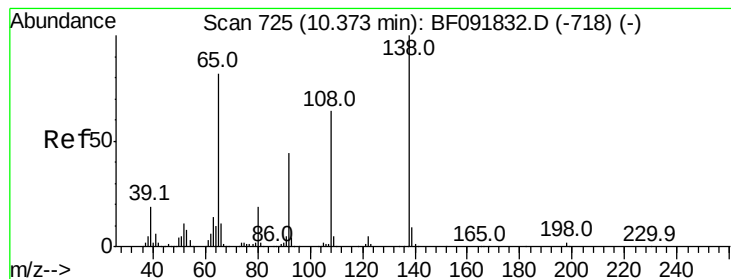


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.77 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

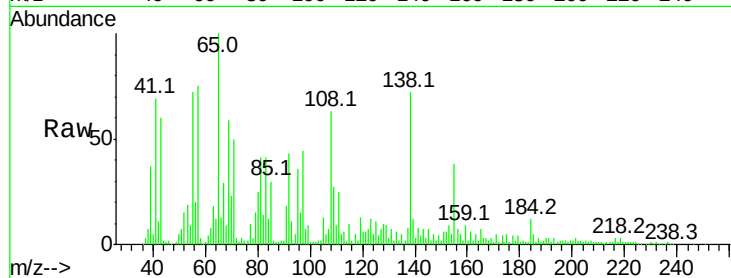
Tot Ion:138 Resp: 195998

Ion Ratio Lower Upper

138 100

92 59.9 31.7 71.7

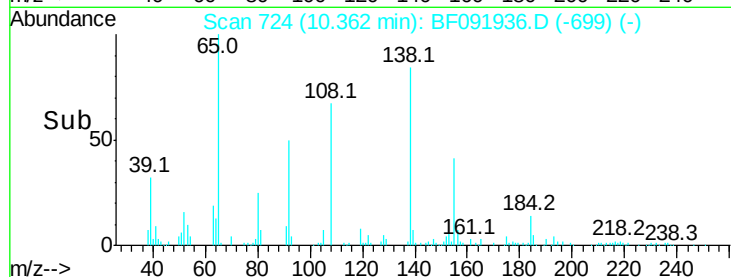
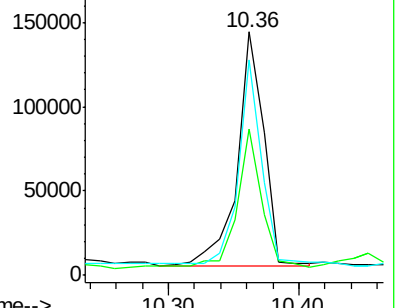
108 88.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.60 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion: 77 Resp: 1160311

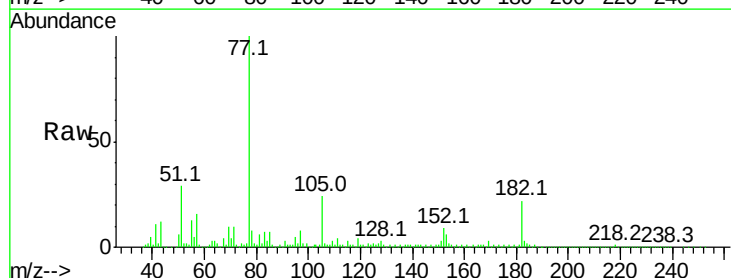
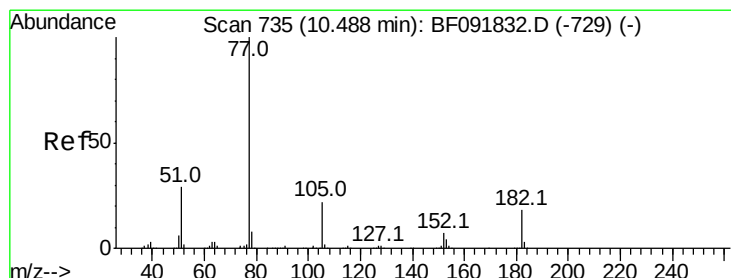
Ion Ratio Lower Upper

77 100

182 21.8 0.0 39.3

105 23.5 2.3 42.3

51 29.2 8.9 48.9

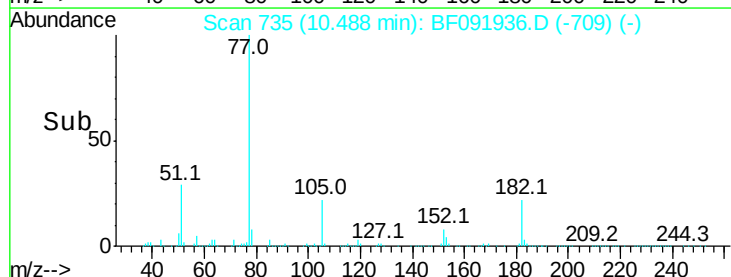
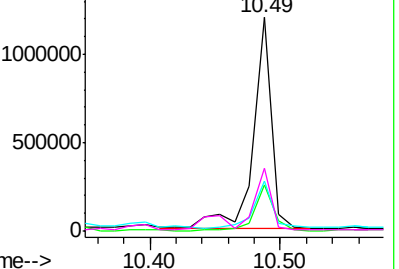


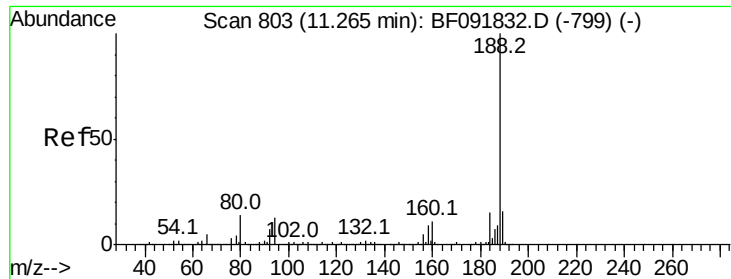
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

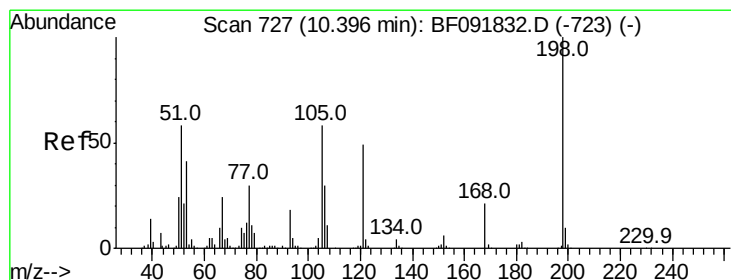
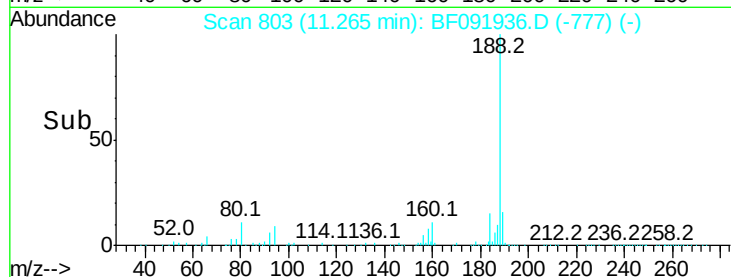
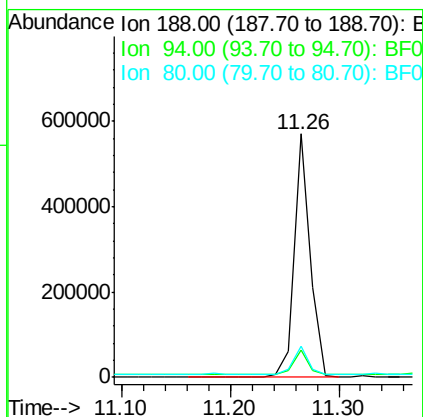
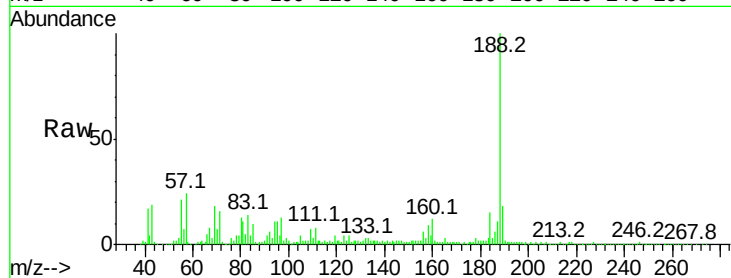




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

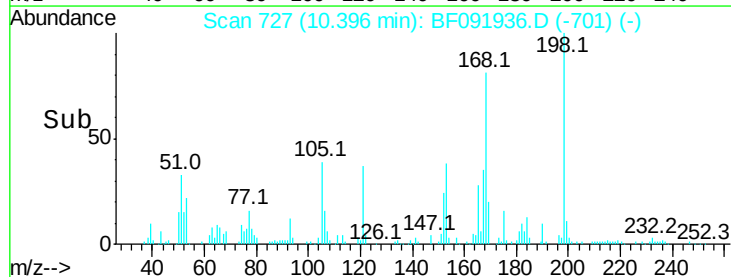
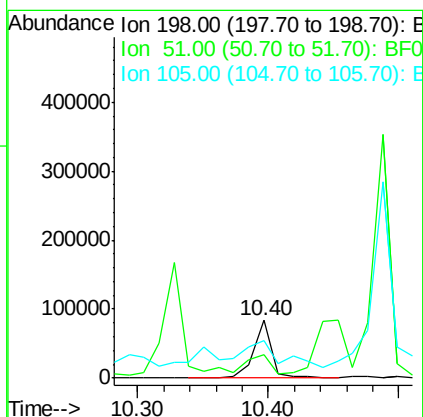
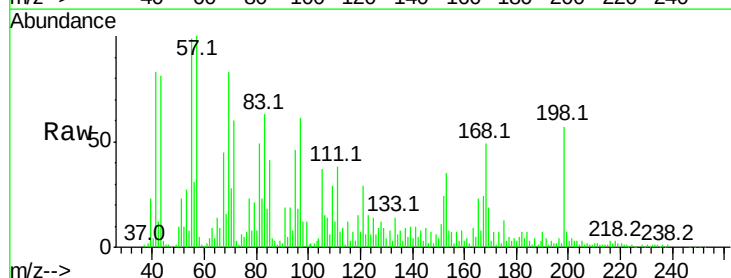
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

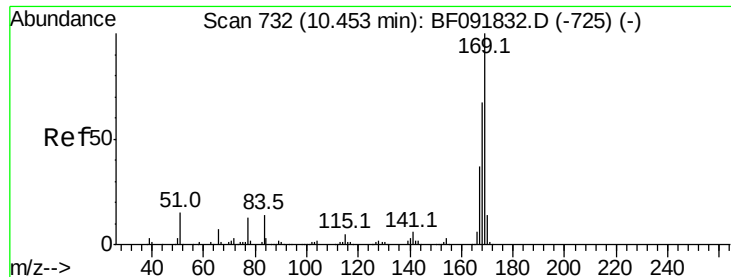
Tot Ion:188 Resp: 583227
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 13.0 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 22.19 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:198 Resp: 78245
Ion Ratio Lower Upper
198 100
51 40.7 6.7 46.7
105 64.8 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 48.99 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

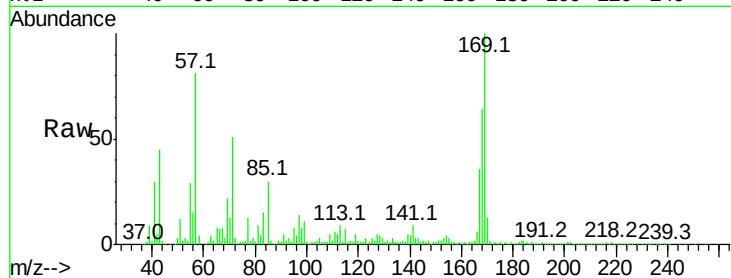
Tot Ion:169 Resp: 847781

Ion Ratio Lower Upper

169 100

168 64.0 54.2 81.2

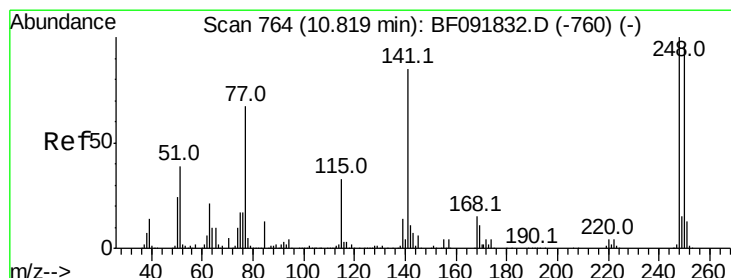
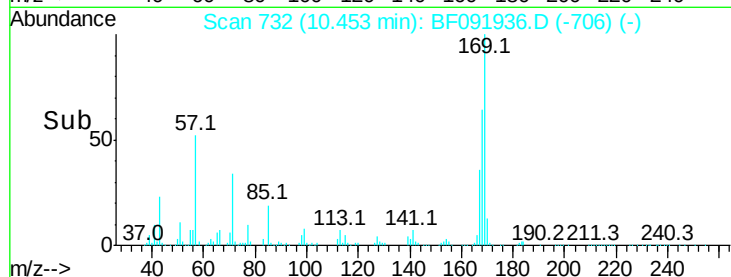
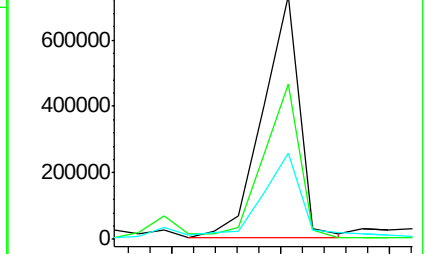
167 35.6 30.2 45.4



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: 46.23 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

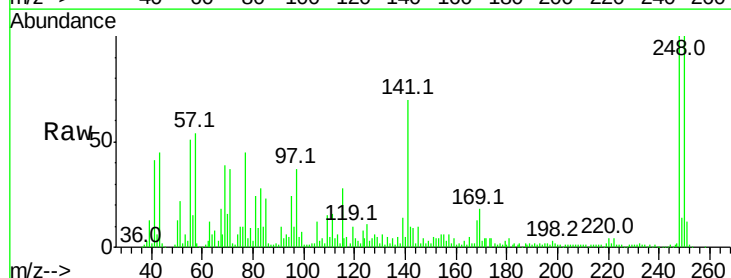
Tgt Ion:248 Resp: 280497

Ion Ratio Lower Upper

248 100

250 99.8 76.9 115.3

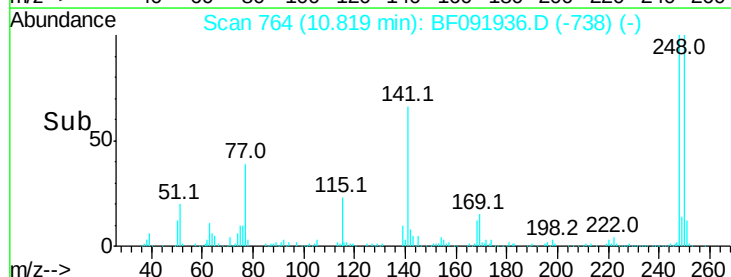
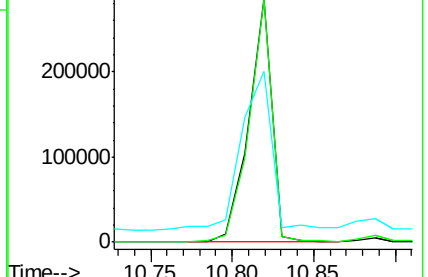
141 70.0 68.2 102.4

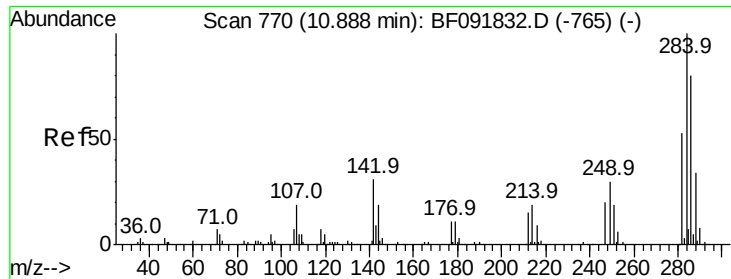


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

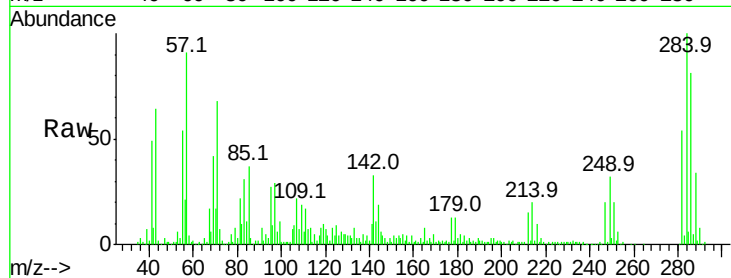




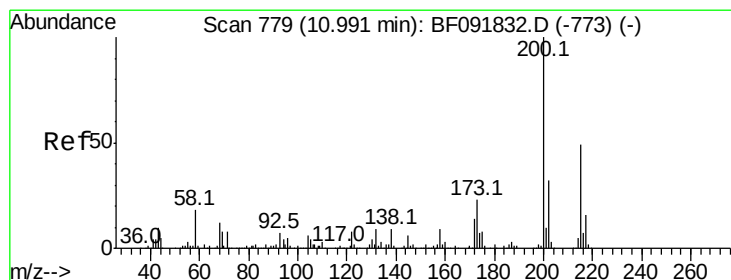
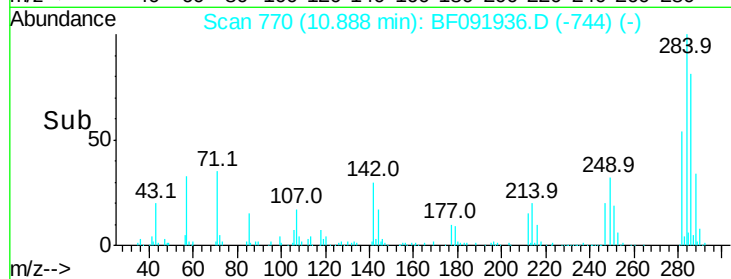
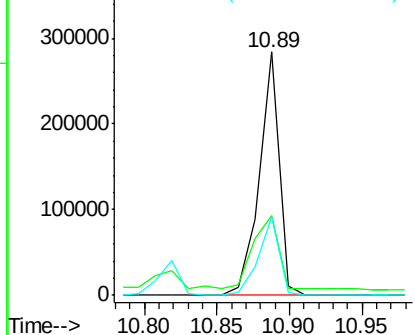
#67
Hexachlorobenzene
Concen: 41.76 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
H6058-05MS

Tot Ion:284 Resp: 270830
Ion Ratio Lower Upper
284 100
142 32.6 22.6 33.8
249 32.3 25.4 38.0

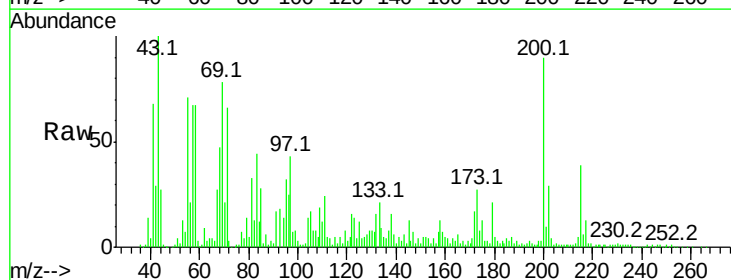


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

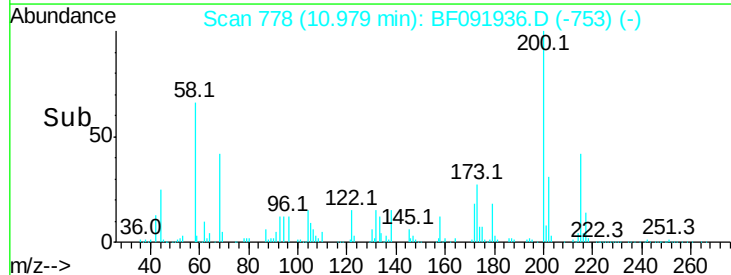
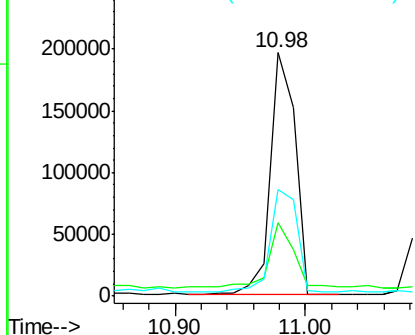


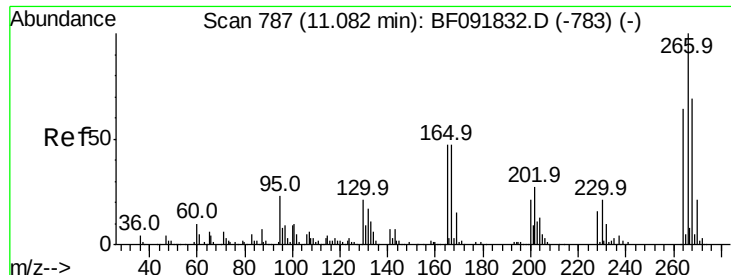
#68
Atrazine
Concen: 46.83 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:200 Resp: 261420
Ion Ratio Lower Upper
200 100
173 30.3 9.6 49.6
215 43.6 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

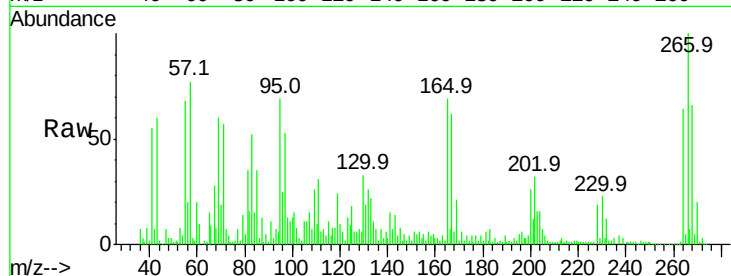




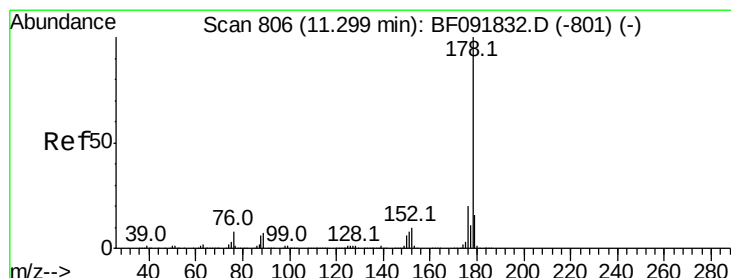
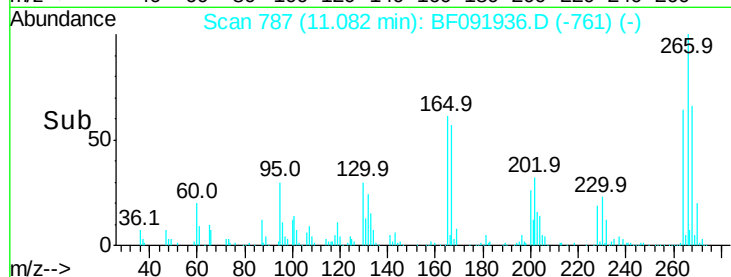
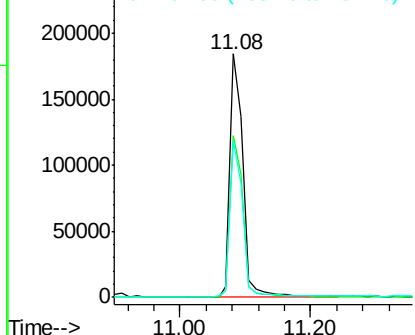
#69
 Pentachlorophenol
 Concen: 78.40 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tot Ion:266 Resp: 249459
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.3 79.9
 264 64.4 50.3 75.5

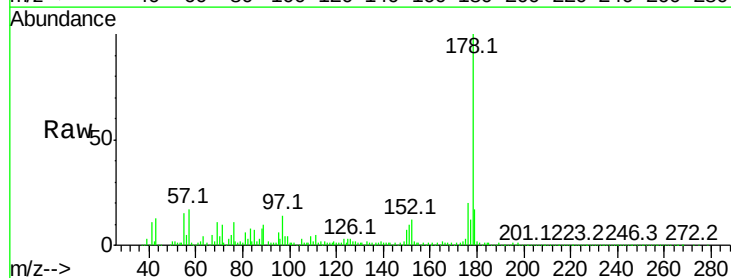


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

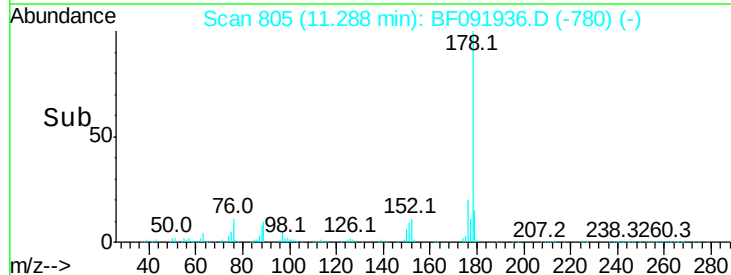
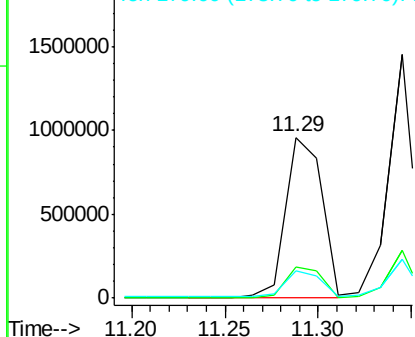


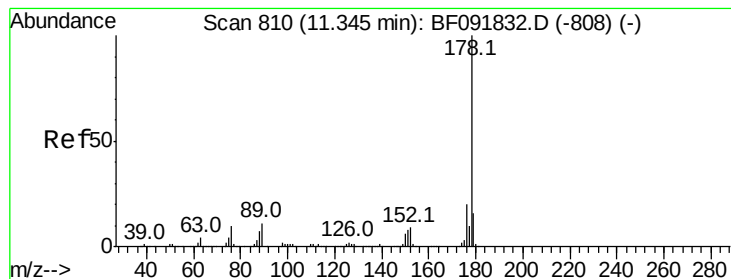
#70
 Phenanthrene
 Concen: 41.08 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:178 Resp: 1299023
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.9 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: 49.32 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

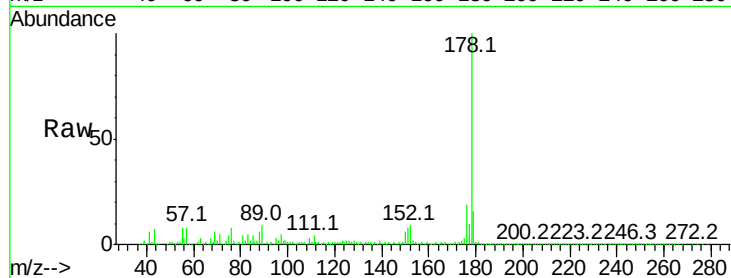
BNA_F

ClientSampleId :

H6058-05MS

Tot Ion:178 Resp: 1337577

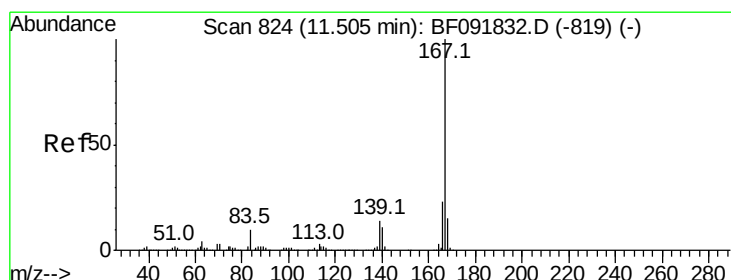
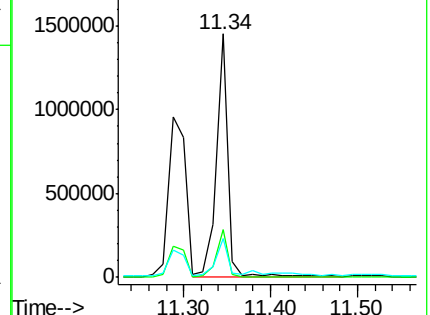
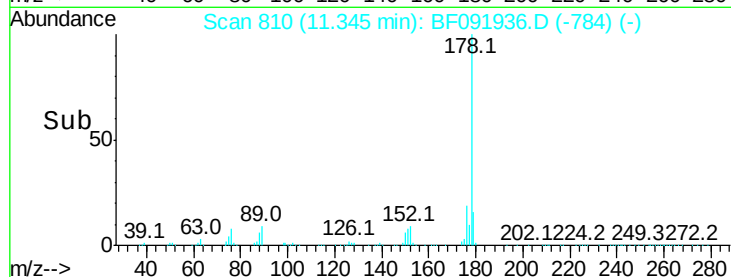
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.1	13.2	19.8



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



#72

Carbazole

Concen: 43.15 ng

RT: 11.50 min Scan# 824

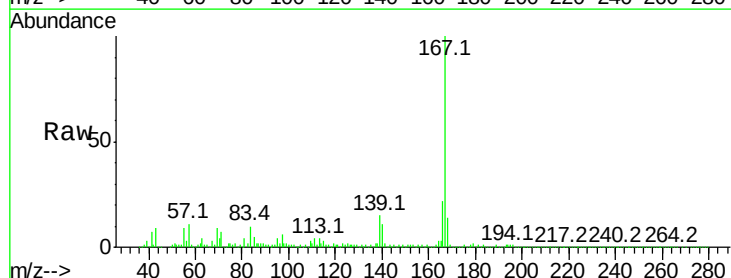
Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion:167 Resp: 1144432

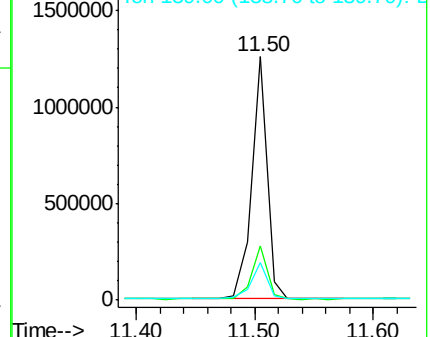
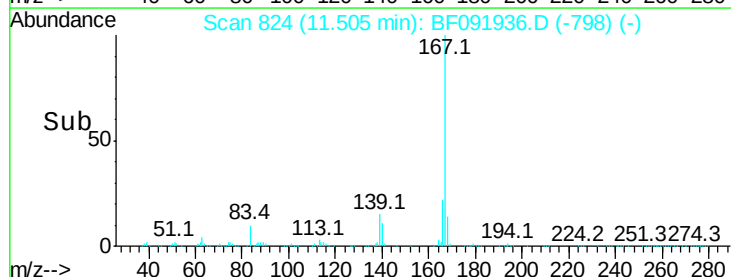
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	15.3	11.4	17.2

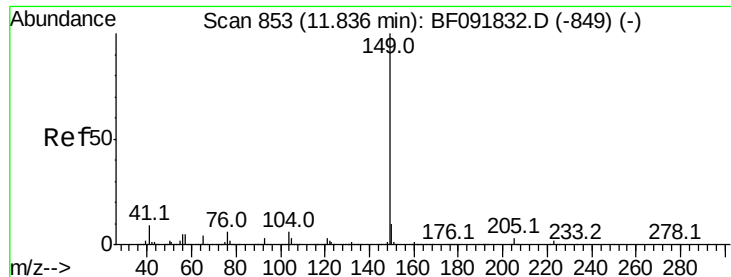


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.38 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

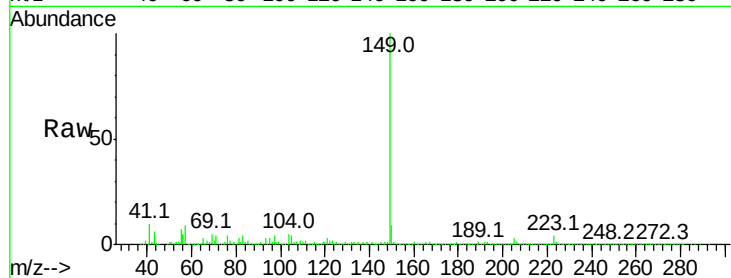
Tot Ion:149 Resp: 1576585

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

104 4.9 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

2000000

1500000

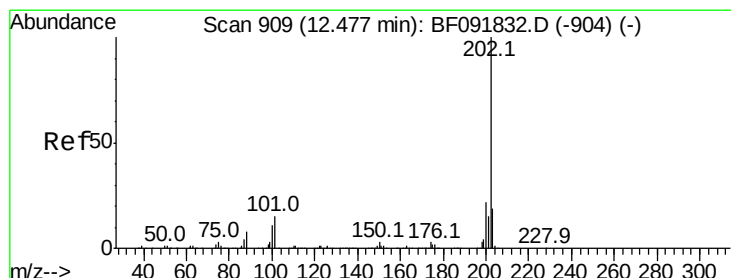
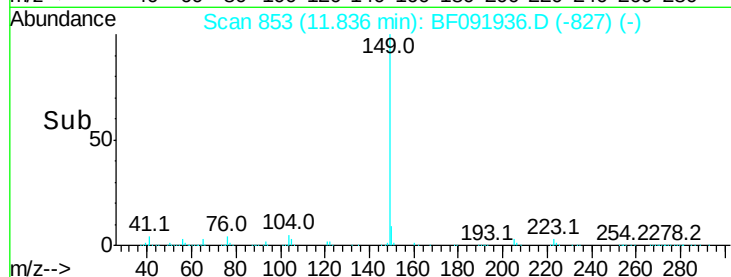
1000000

500000

0

11.70 11.80 11.90

Time-->



#74

Fluoranthene

Concen: 47.35 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

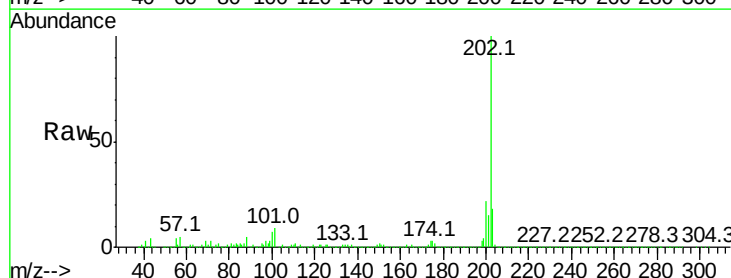
Tgt Ion:202 Resp: 1308286

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.6

203 18.1 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

1500000

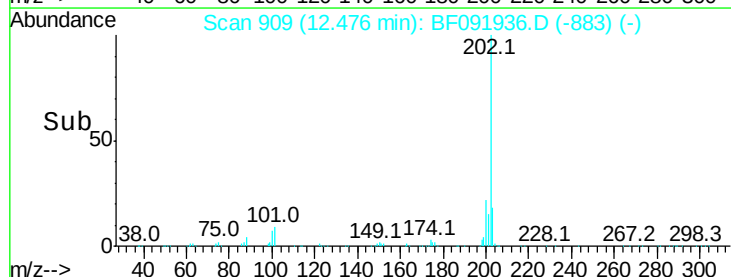
1000000

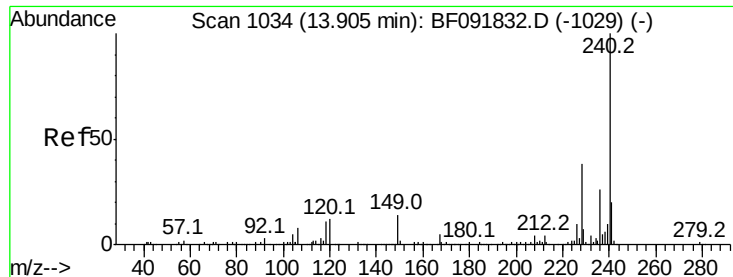
500000

0

12.40 12.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

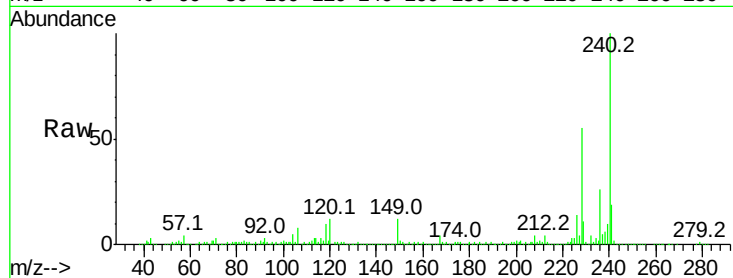
Tot Ion:240 Resp: 455224

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

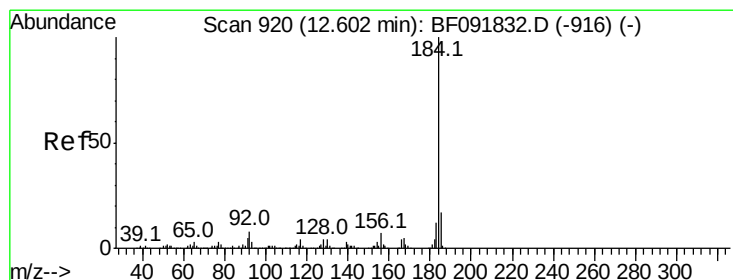
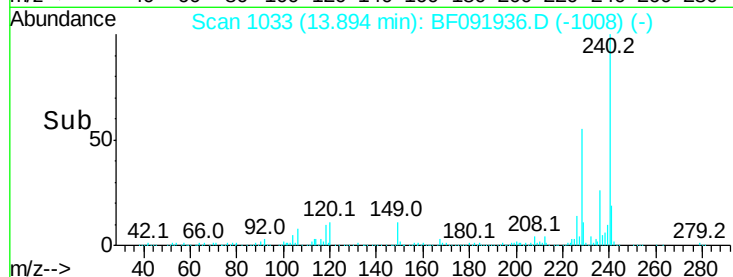
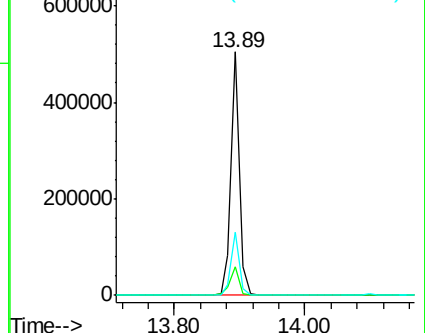
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.30 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

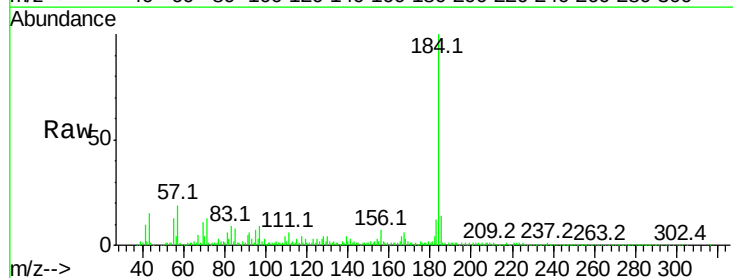
Tgt Ion:184 Resp: 391271

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

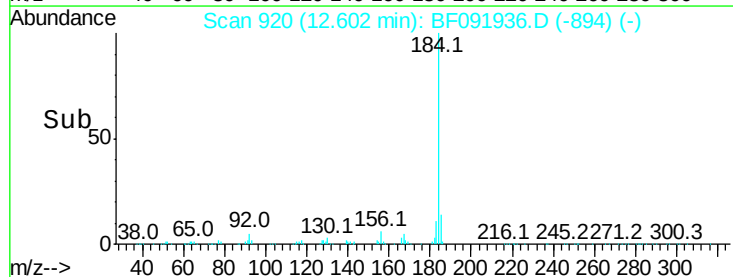
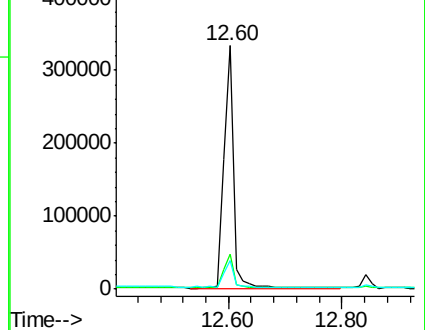
183 12.0 9.2 13.8

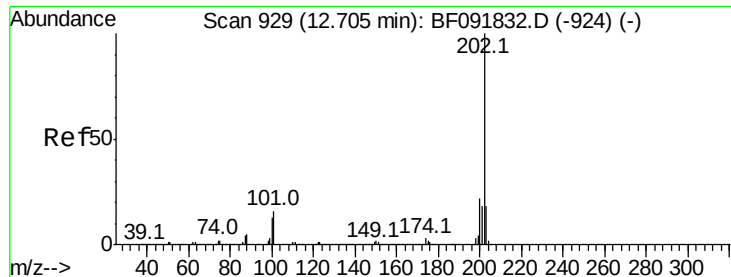


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.81 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

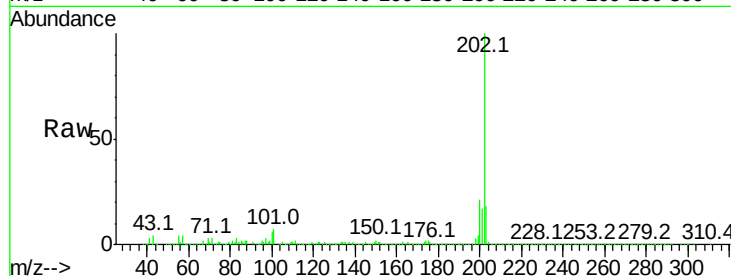
BNA_F

ClientSampleId :

H6058-05MS

Tot Ion:202 Resp: 1262772

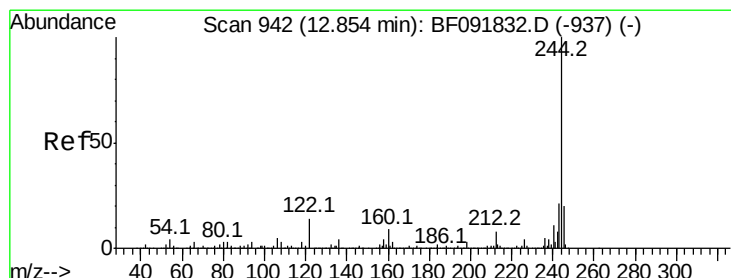
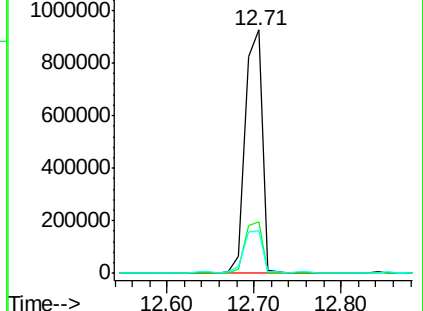
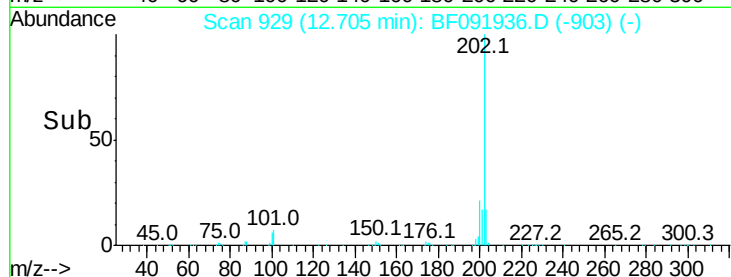
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.7	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.31 ng

RT: 12.84 min Scan# 941

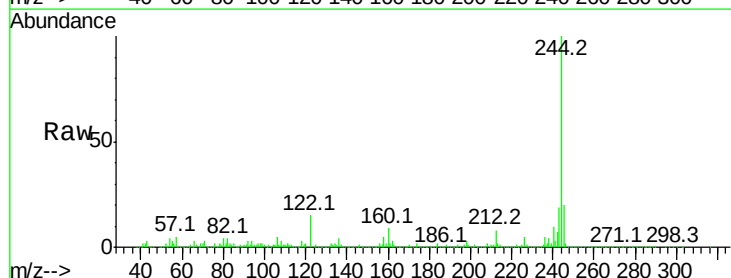
Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion:244 Resp: 1282271

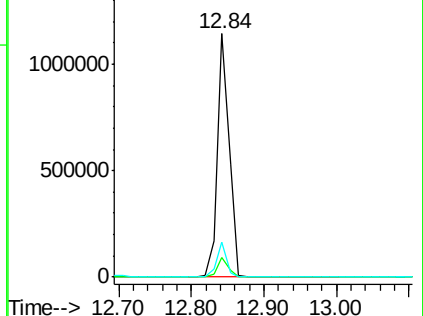
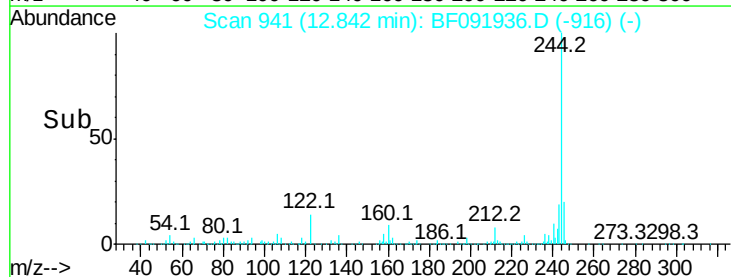
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.5	11.4	17.2

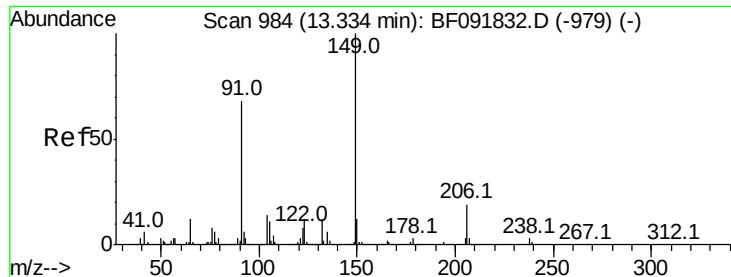


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

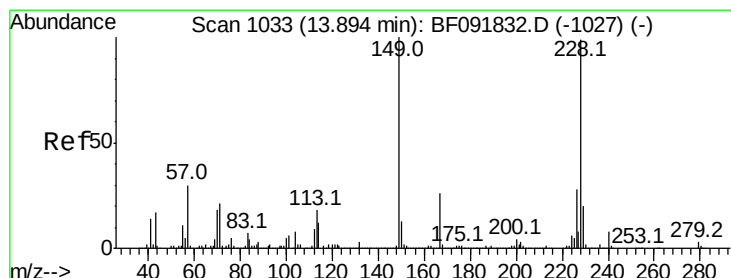
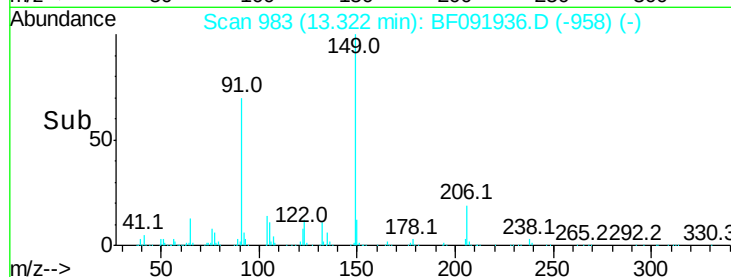
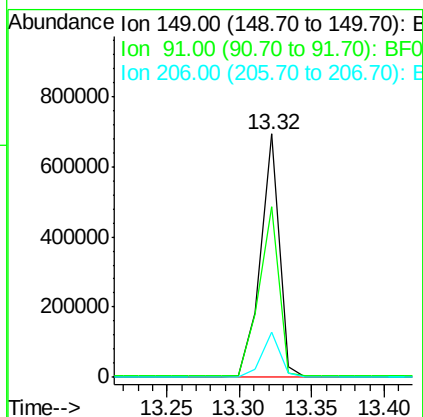
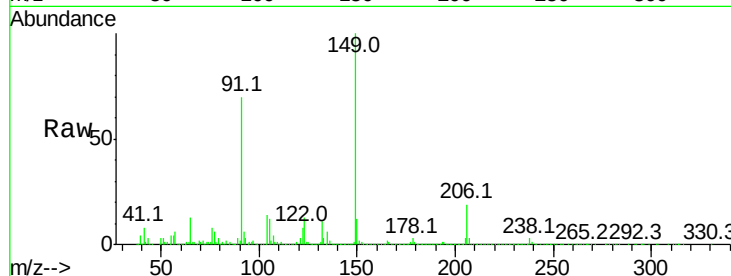




#79
Butylbenzylphthalate
Concen: 40.82 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

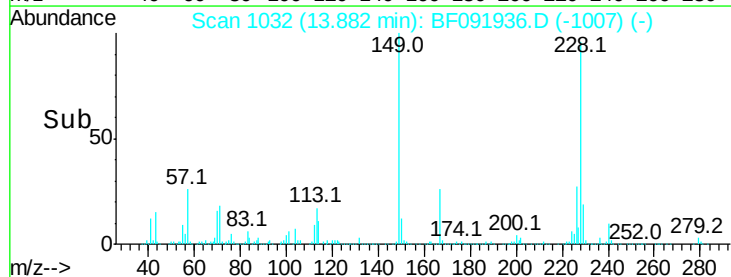
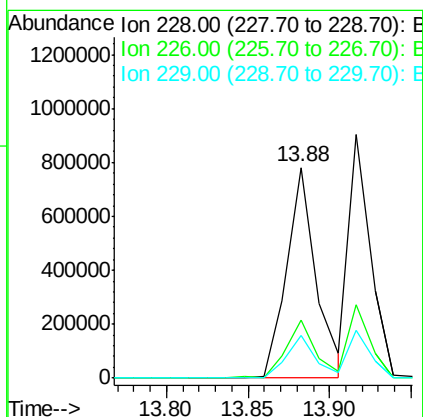
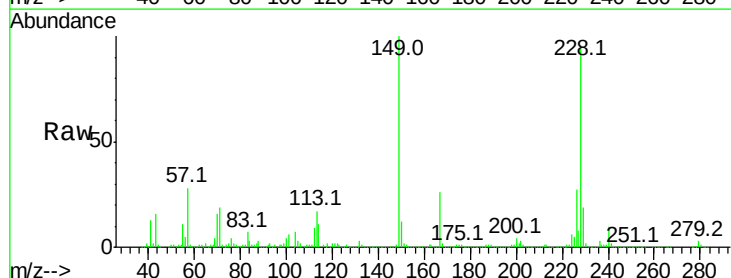
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

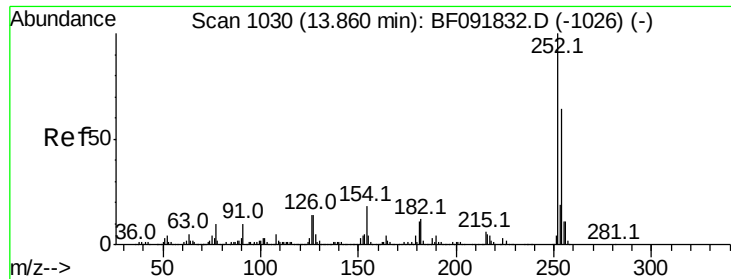
Tot Ion:149 Resp: 620106
Ion Ratio Lower Upper
149 100
91 70.1 63.9 95.9
206 18.7 14.6 21.8



#80
Benzo(a)anthracene
Concen: 38.51 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:228 Resp: 989623
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.1 16.2 24.4

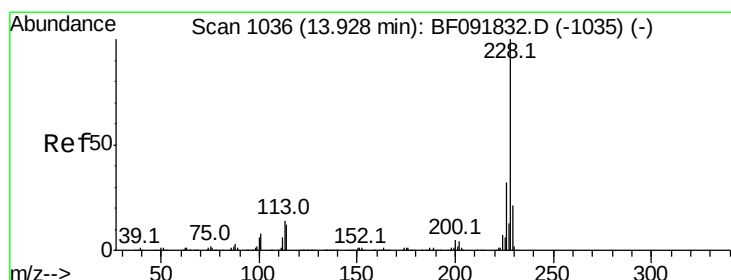
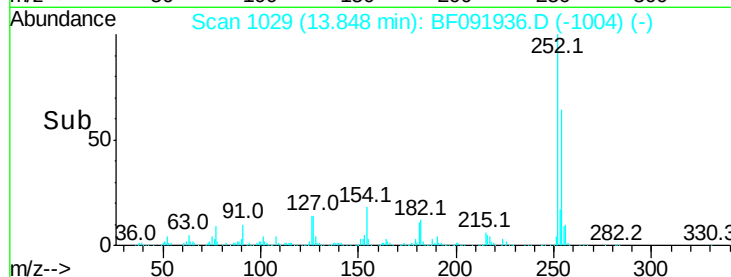
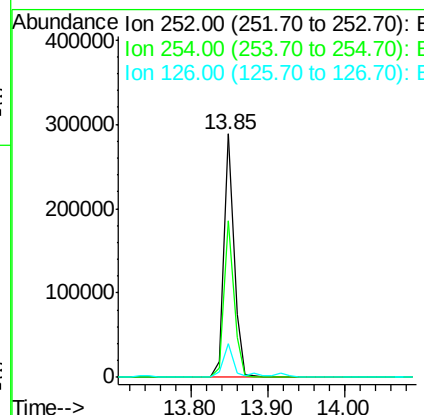
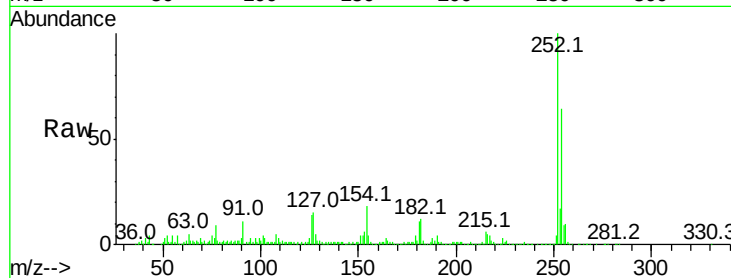




#81
 3,3'-Dichlorobenzidine
 Concen: 27.81 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

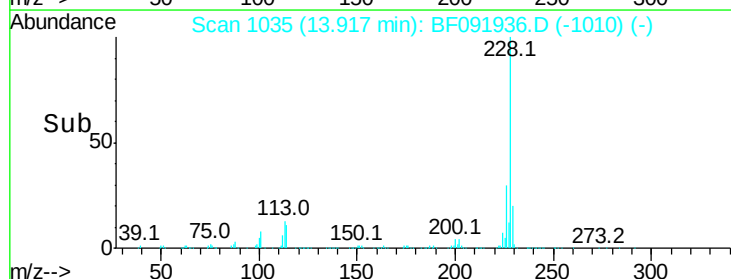
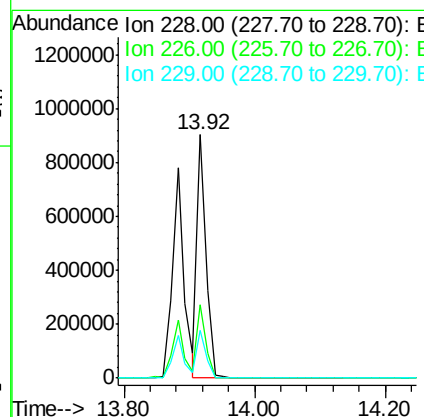
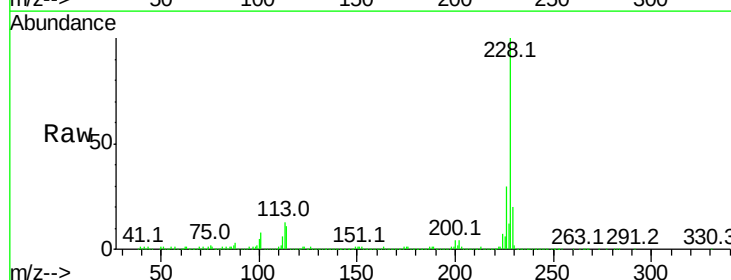
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

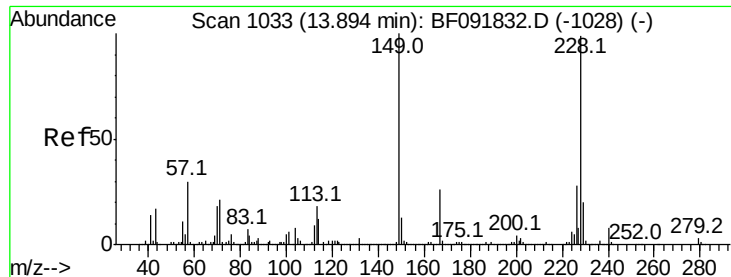
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.3	78.5
126	14.0	13.6	20.4



#82
 Chrysene
 Concen: 33.50 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	19.6	16.2	24.2

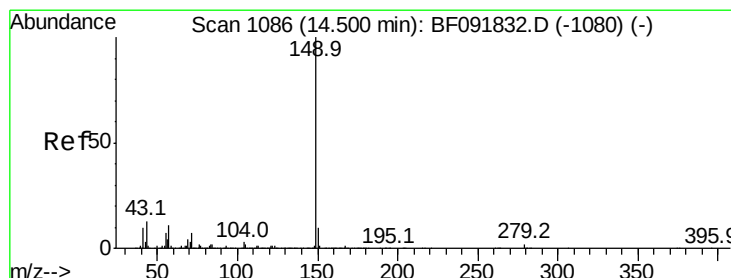
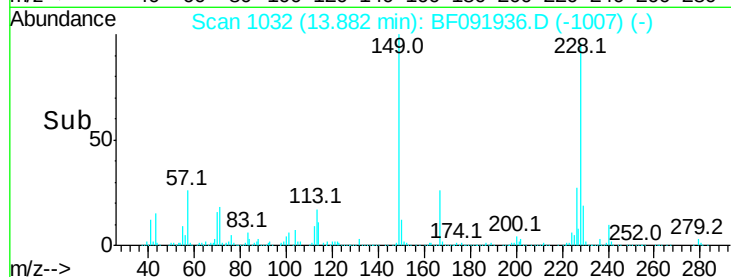
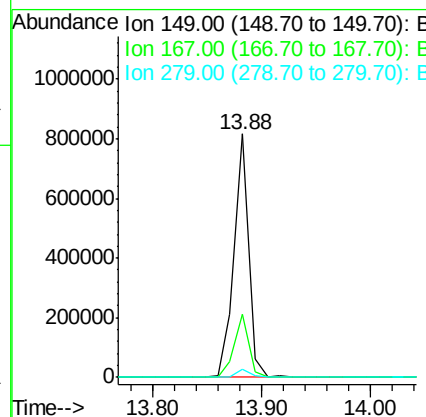
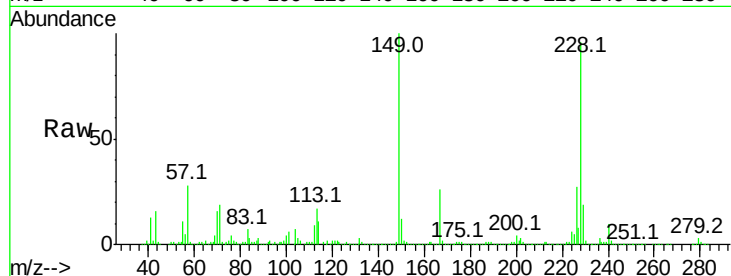




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.10 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

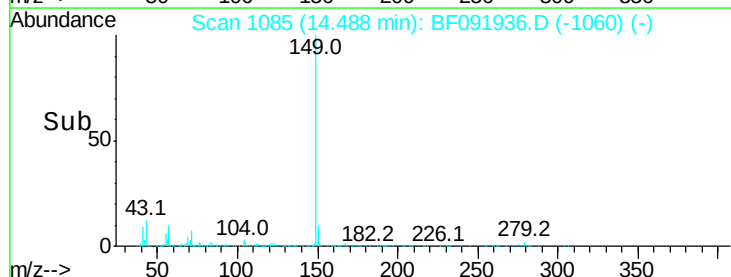
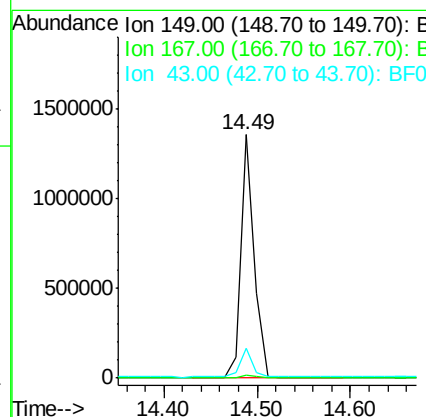
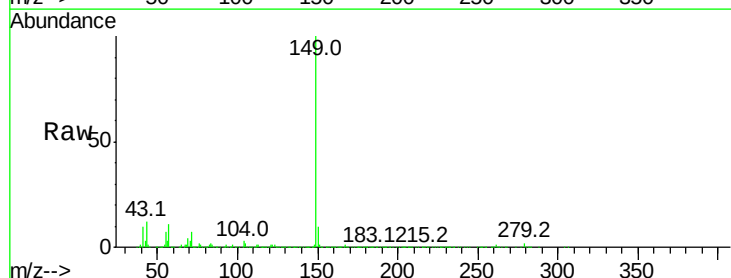
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

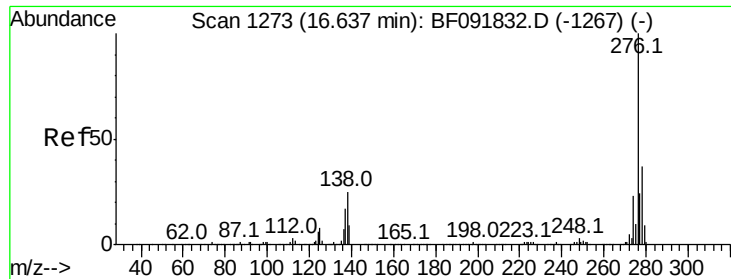
Tot Ion:149 Resp: 753082
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.2 30.4
 279 3.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 40.61 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:149 Resp: 1345853
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.2 8.9 13.3

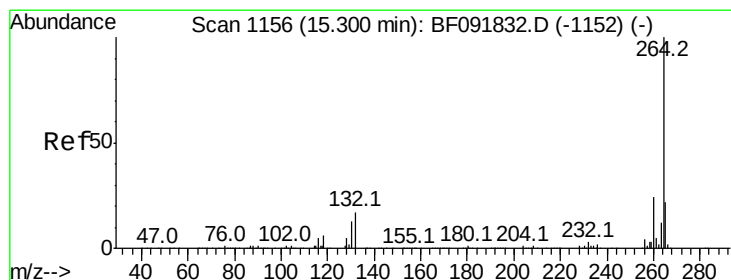
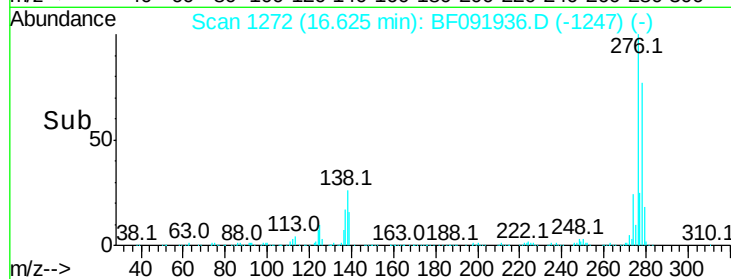
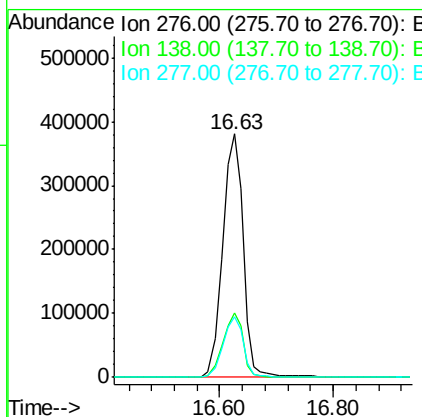
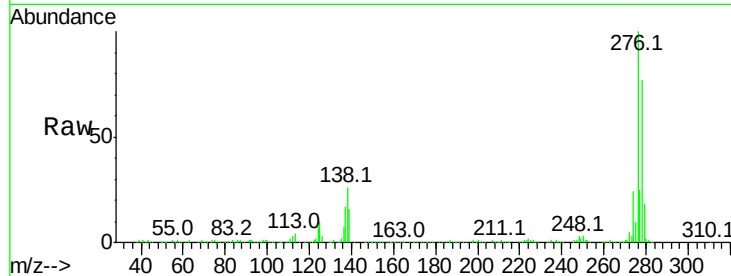




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.11 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

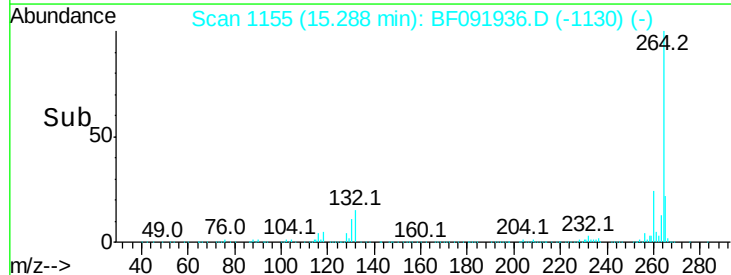
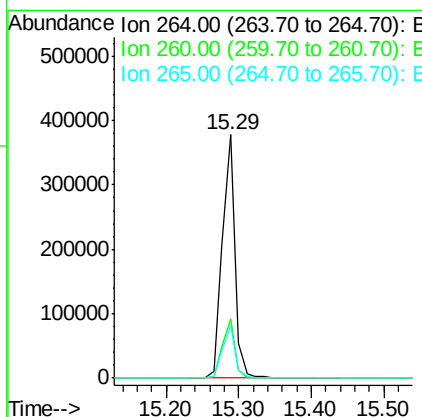
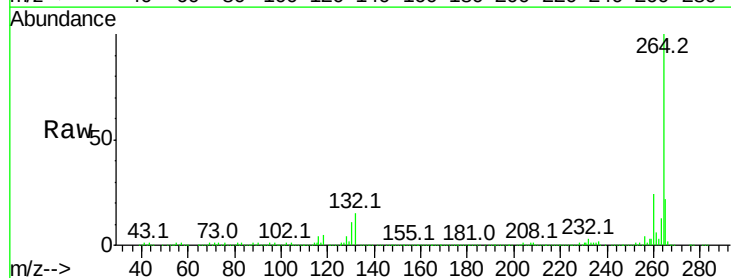
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

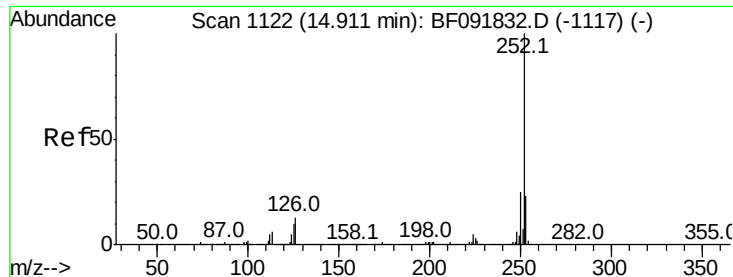
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.4	26.0

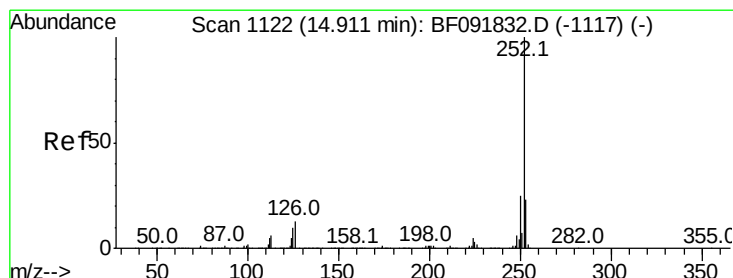
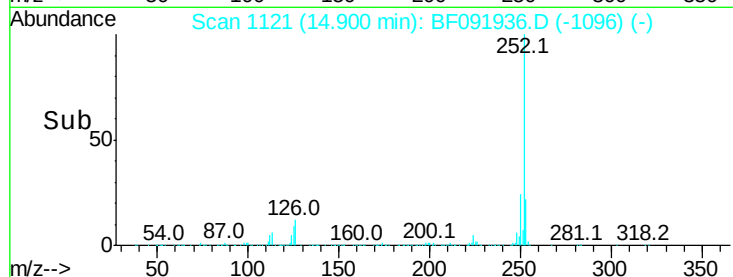
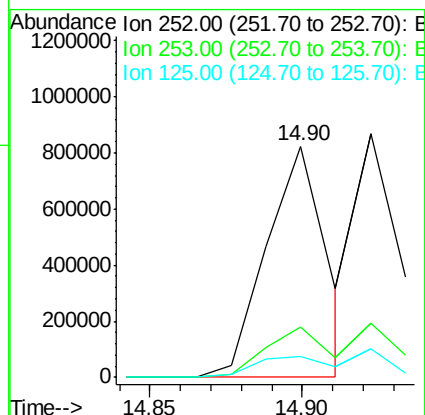
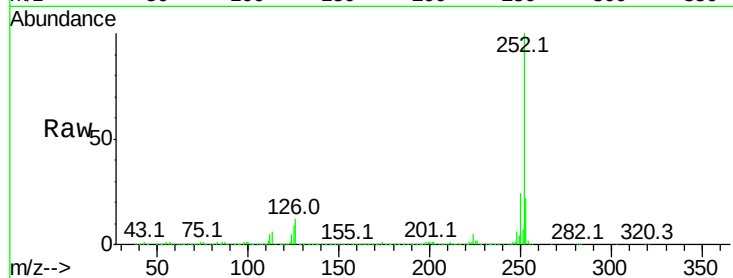




#87
Benzo(b)fluoranthene
Concen: 39.86 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

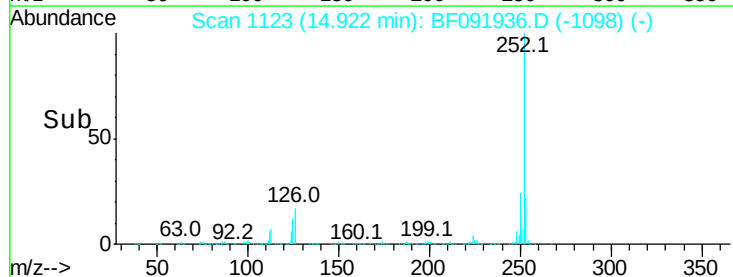
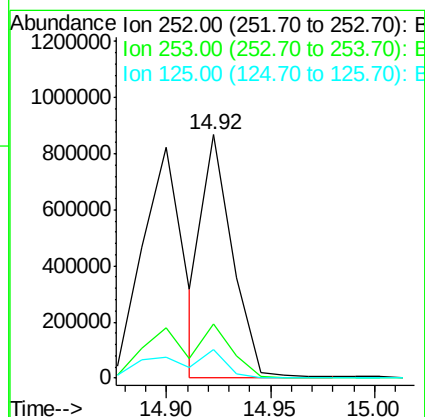
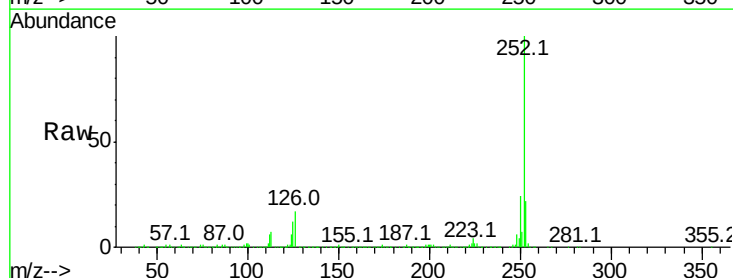
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

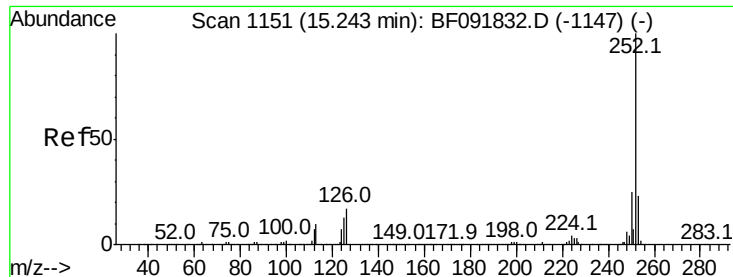
Tot Ion:252 Resp: 1134112
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.2 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 35.81 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:252 Resp: 868816
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 11.7 8.9 13.3





#89

Benzo(a)pyrene

Concen: 38.78 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

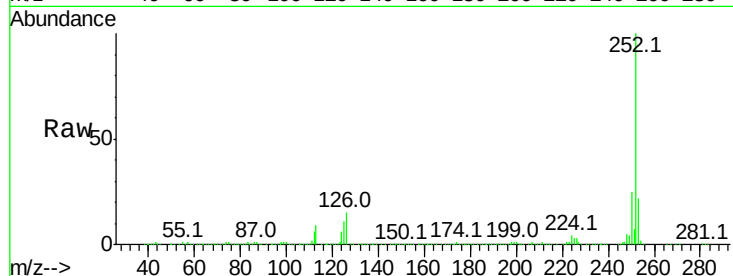
Tot Ion:252 Resp: 979427

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

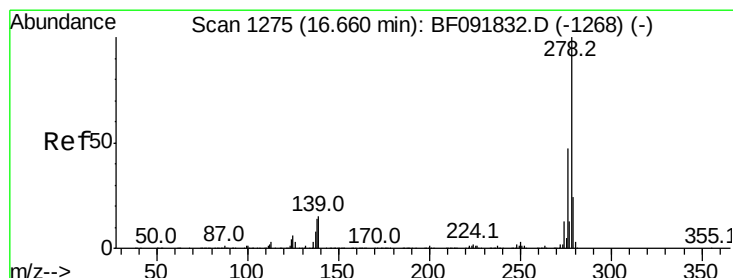
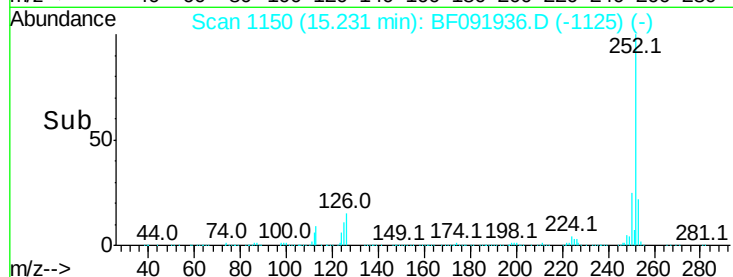
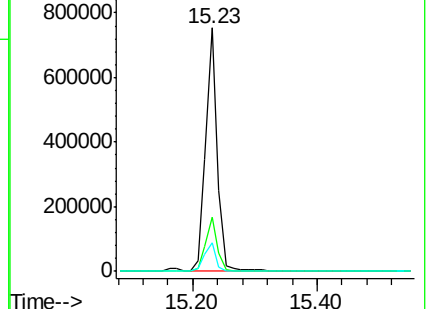
125 11.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.46 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

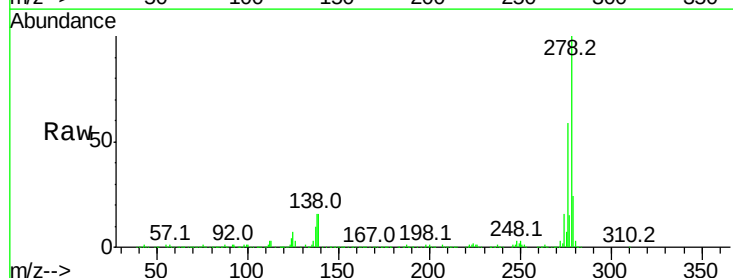
Tgt Ion:278 Resp: 798450

Ion Ratio Lower Upper

278 100

139 16.3 14.8 22.2

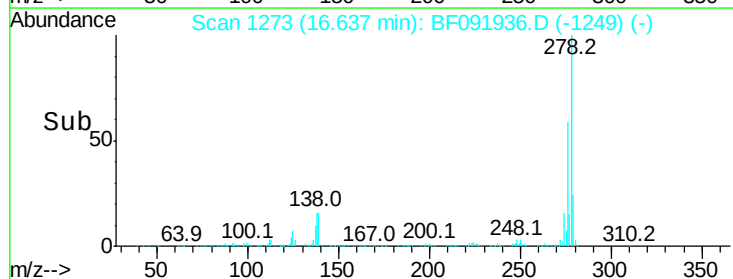
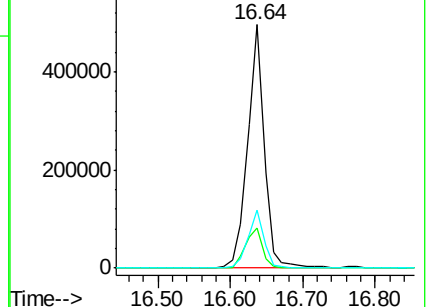
279 23.6 19.8 29.6

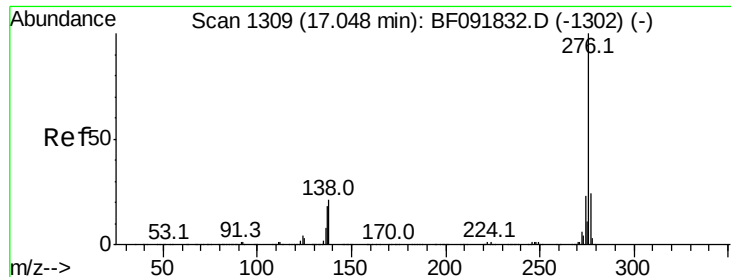


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.09 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	20.9	16.0	24.0

