

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092357.D
 Acq On : 18 Jan 2017 18:04
 Operator : UM/SJ
 Sample : I1260-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Quant Time: Jan 19 00:04:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	643588	20.00	ng	0.06
21) Naphthalene-d8	7.83	136	581811	20.00	ng	-0.10
38) Acenaphthene-d10	9.58	164	391292	20.00	ng	-0.10
63) Phenanthrene-d10	11.06	188	574505	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	306244	20.00	ng	-0.10
86) Perylene-d12	15.03	264	342936	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.15	112	1278925	33.18	ng	-0.09
7) Phenol-d6	6.22	99	1620408	34.43	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1118830	106.93	ng	-0.09
41) 2,4,6-Tribromophenol	10.37	330	429785	132.72	ng	-0.10
44) 2-Fluorobiphenyl	8.92	172	2043797	110.96	ng	-0.09
78) Terphenyl-d14	12.65	244	1753192	138.84	ng	-0.10

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.12	88	203340	10.72	ng	# 82
3) Pyridine	2.72	79	401925	6.07	ng	96
4) n-Nitrosodimethylamine	2.64	42	257134	10.29	ng	95
6) Aniline	6.29	93	494004	8.08	ng	# 23
8) 2-Chlorophenol	6.34	128	503597	11.49	ng	98
10) Phenol	6.23	94	574333	10.71	ng	# 69
11) bis(2-Chloroethyl)ether	6.29	93	494004	11.58	ng	97
12) 1,3-Dichlorobenzene	6.56	146	536883	11.47	ng	97
13) 1,4-Dichlorobenzene	6.71	146	514557	10.80	ng	100
14) 1,2-Dichlorobenzene	6.71	146	514557	12.45	ng	99
15) Benzyl Alcohol	6.71	79	458247	12.53	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	752410	11.84	ng	# 40
17) 2-Methylphenol	7.00	107	579691	16.44	ng	# 74
18) Hexachloroethane	7.06	117	208308	11.79	ng	89
19) n-Nitroso-di-n-propylamine	6.98	70	403498	12.89	ng	99
20) 3+4-Methylphenols	7.00	107	579691	13.78	ng	# 71
22) Acetophenone	6.96	105	775035	54.01	ng	# 95
24) Nitrobenzene	7.14	77	506161	45.42	ng	99
25) Isophorone	7.39	82	1021955	52.94	ng	99
26) 2-Nitrophenol	7.46	139	258804	47.09	ng	98
27) 2,4-Dimethylphenol	7.51	122	410619	45.05	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	653877	55.86	ng	99
29) 2,4-Dichlorophenol	7.71	162	402990	52.21	ng	# 83
30) 1,2,4-Trichlorobenzene	7.78	180	411253	48.62	ng	95
31) Naphthalene	7.86	128	1456747	54.71	ng	99
32) Benzoic acid	7.70	122	295436	43.70	ng	92
33) 4-Chloroaniline	7.94	127	55818	4.65	ng	96
34) Hexachlorobutadiene	7.97	225	235870	52.83	ng	98
35) Caprolactam	8.30	113	73593	29.01	ng	# 67
36) 4-Chloro-3-methylphenol	8.43	107	454406	51.16	ng	99
37) 2-Methylnaphthalene	8.54	142	910375	71.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	424944	42.98	ng	99
40) Hexachlorocyclopentadiene	8.70	237	308246	70.51	ng	97
42) 2,4,6-Trichlorophenol	8.84	196	263494	38.11	ng	96

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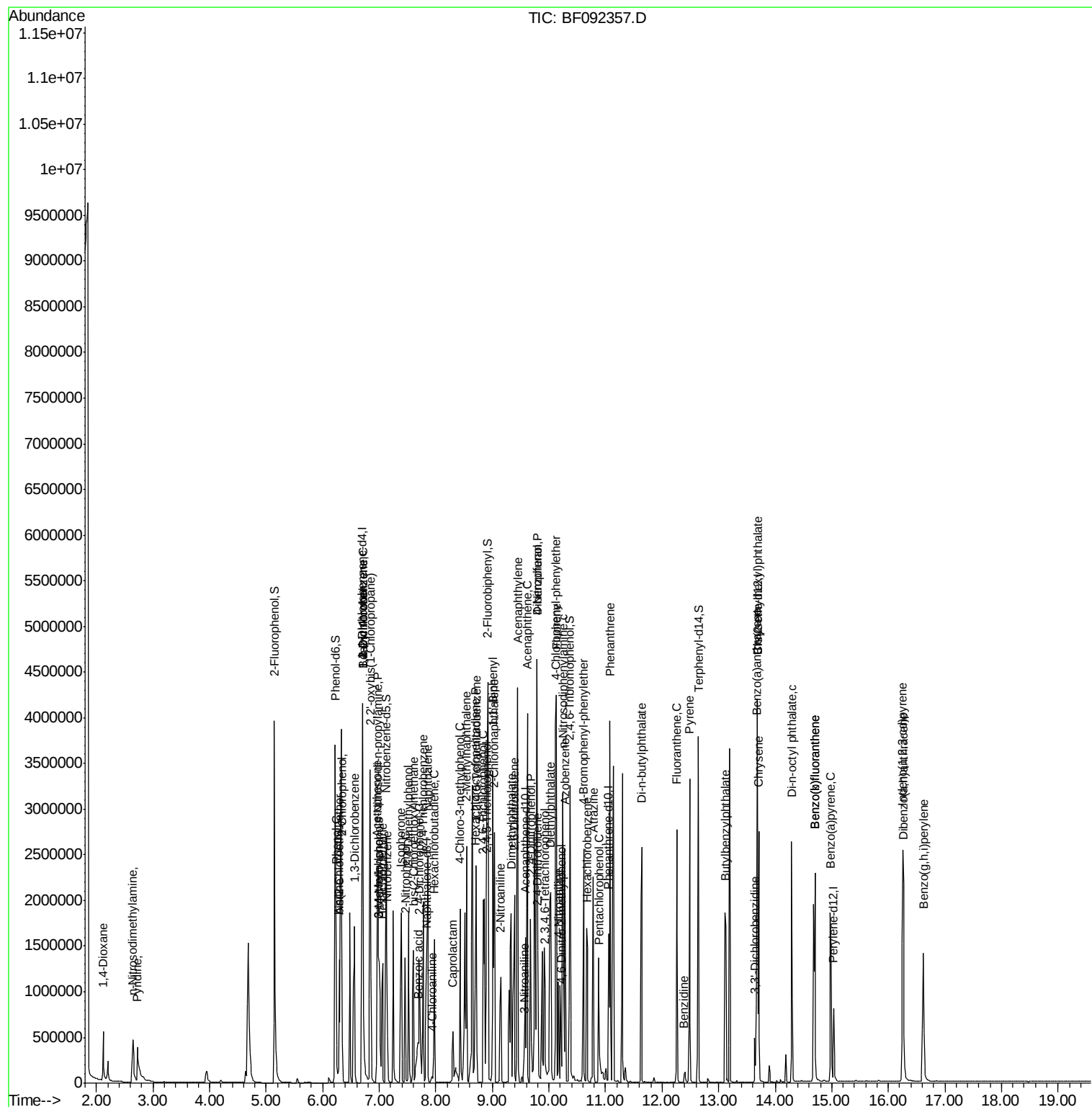
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	256727	36.08	ng	# 86
45) 1,1'-Biphenyl	9.01	154	1085186	40.50	ng	97
46) 2-Chloronaphthalene	9.03	162	841367	39.65	ng	96
47) 2-Nitroaniline	9.15	65	260470	34.48	ng	# 65
48) Acenaphthylene	9.44	152	1601470	49.08	ng	99
49) Dimethylphthalate	9.33	163	1118992	44.71	ng	100
50) 2,6-Dinitrotoluene	9.39	165	235848	43.06	ng	# 80
51) Acenaphthene	9.62	154	1084082	49.00	ng	100
52) 3-Nitroaniline	9.56	138	47431	7.00	ng	88
53) 2,4-Dinitrophenol	9.67	184	311420	102.18	ng	# 76
54) Dibenzofuran	9.79	168	1473417	49.32	ng	98
55) 4-Nitrophenol	9.79	139	899856	195.50	ng	# 9
56) 2,4-Dinitrotoluene	9.80	165	361864	52.63	ng	# 70
57) Fluorene	10.13	166	1128677	51.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	280428	49.83	ng	94
59) Diethylphthalate	10.03	149	1245602	51.25	ng	94
60) 4-Chlorophenyl-phenylether	10.12	204	455678	47.88	ng	98
61) 4-Nitroaniline	10.16	138	233078	33.18	ng	93
62) Azobenzene	10.28	77	1324381	49.49	ng	98
64) 4,6-Dinitro-2-methylphenol	10.21	198	185992	53.54	ng	96
65) n-Nitrosodiphenylamine	10.24	169	897305	52.64	ng	99
66) 4-Bromophenyl-phenylether	10.61	248	345580	57.83	ng	91
67) Hexachlorobenzene	10.68	284	343390	53.76	ng	# 88
68) Atrazine	10.78	200	233994	42.55	ng	98
69) Pentachlorophenol	10.88	266	276057	88.07	ng	99
70) Phenanthrene	11.08	178	1496840	48.05	ng	99
71) Anthracene	11.14	178	1726675	Below	Cal	98
72) Carbazole	11.30	167	1369264	Below	Cal	98
73) Di-n-butylphthalate	11.64	149	1894128	66.09	ng	# 96
74) Fluoranthene	12.26	202	1397428	51.70	ng	98
76) Benzidine	12.39	184	67039	5.34	ng	97
77) Pyrene	12.49	202	1350409	60.10	ng	99
79) Butylbenzylphthalate	13.13	149	667191	65.29	ng	# 74
80) Benzo(a)anthracene	13.67	228	1081096	62.54	ng	100
81) 3,3'-Dichlorobenzidine	13.64	252	114101	17.41	ng	97
82) Chrysene	13.71	228	878350	50.65	ng	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	841373	69.91	ng	# 97
84) Di-n-octyl phthalate	14.29	149	1372346	61.56	ng	97
85) Indeno(1,2,3-cd)pyrene	16.26	276	1247183	83.03	ng	98
87) Benzo(b)fluoranthene	14.70	252	2051919	96.10	ng	# 97
88) Benzo(k)fluoranthene	14.70	252	2052367	112.73	ng	97
89) Benzo(a)pyrene	14.98	252	1015044	53.56	ng	# 97
90) Dibenzo(a,h)anthracene	16.27	278	1027764	65.98	ng	96
91) Benzo(g,h,i)perylene	16.62	276	1126470	69.55	ng	98

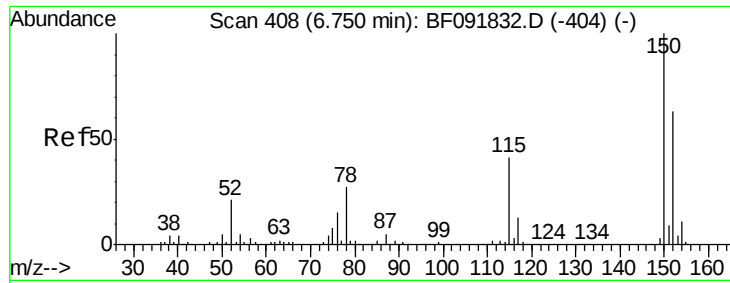
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 430

Delta R.T. 0.06 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

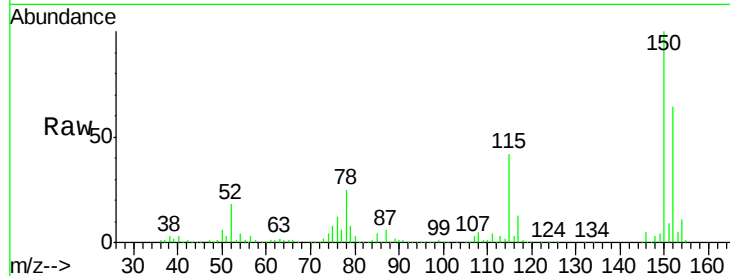
Tgt Ion:152 Resp: 643588

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

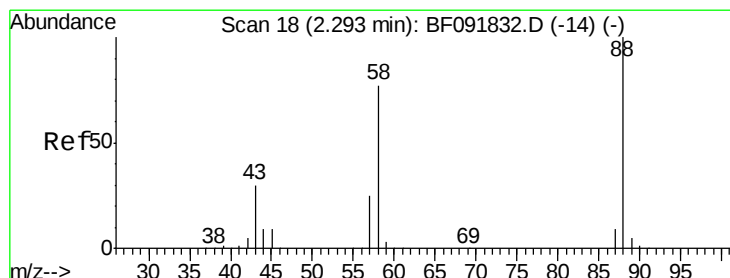
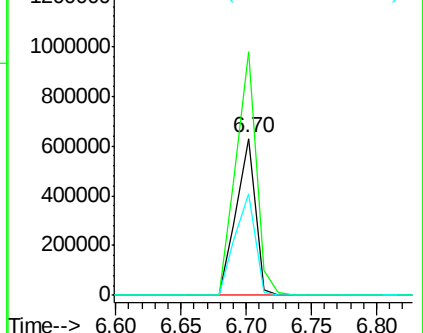
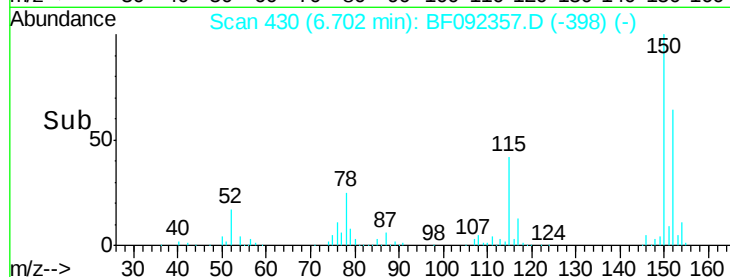
115 64.7 46.0 69.0



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: 10.72 ng

RT: 2.12 min Scan# 29

Delta R.T. 0.04 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

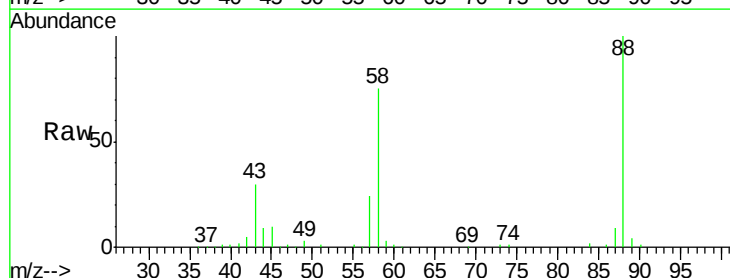
Tgt Ion: 88 Resp: 203340

Ion Ratio Lower Upper

88 100

58 75.8 57.8 86.8

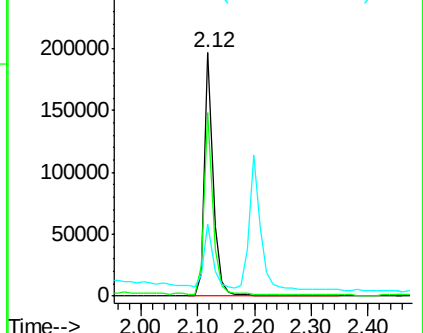
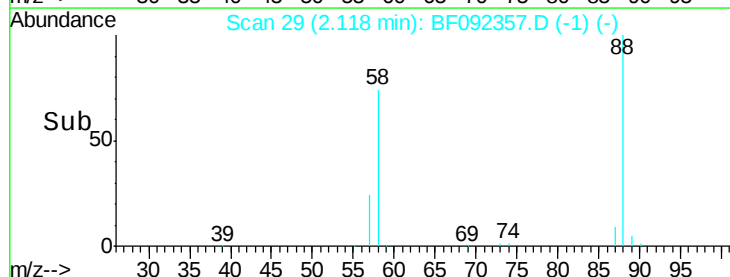
43 0.0 22.3 33.5#

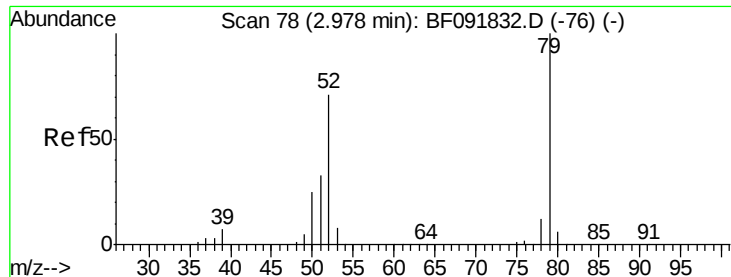


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 6.07 ng

RT: 2.72 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF092357.D

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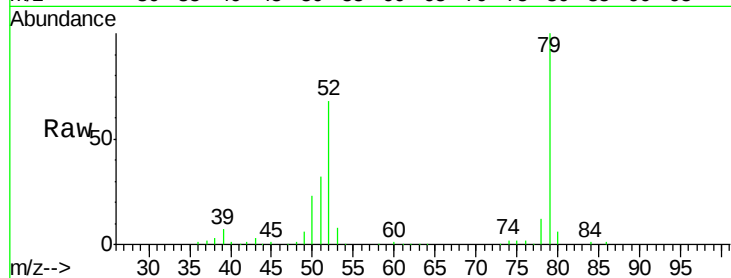
Tgt Ion: 79 Resp: 401925

Ion Ratio Lower Upper

79 100

52 68.2 57.1 85.7

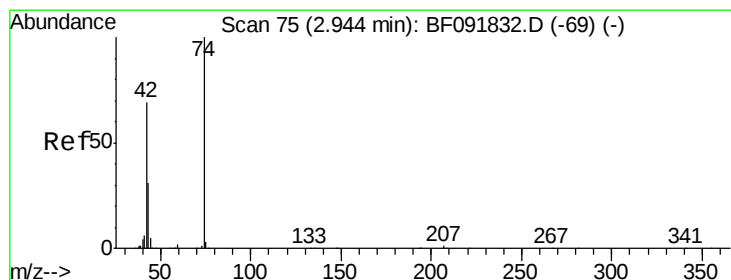
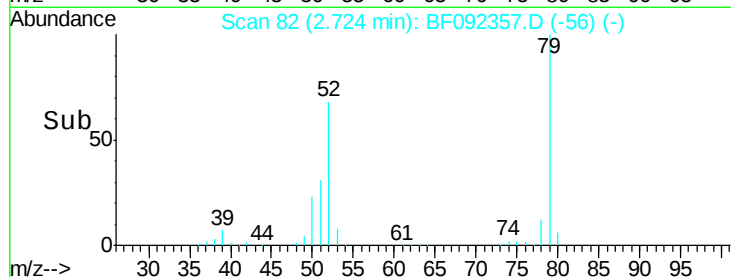
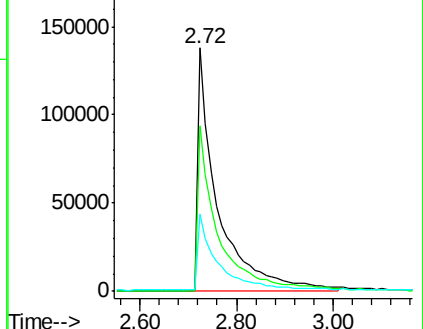
51 31.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 10.29 ng

RT: 2.64 min Scan# 75

Delta R.T. -0.04 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

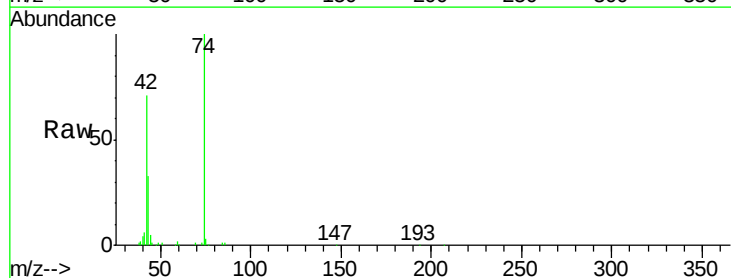
Tgt Ion: 42 Resp: 257134

Ion Ratio Lower Upper

42 100

74 140.3 117.0 175.4

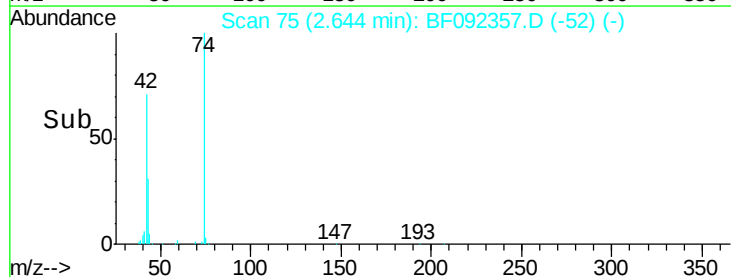
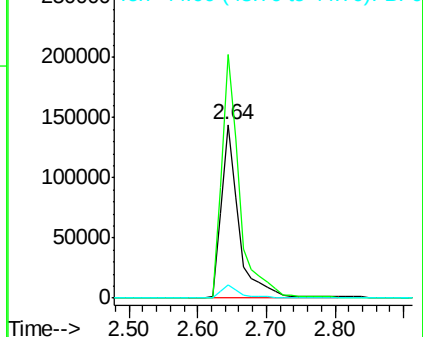
44 7.4 5.5 8.3

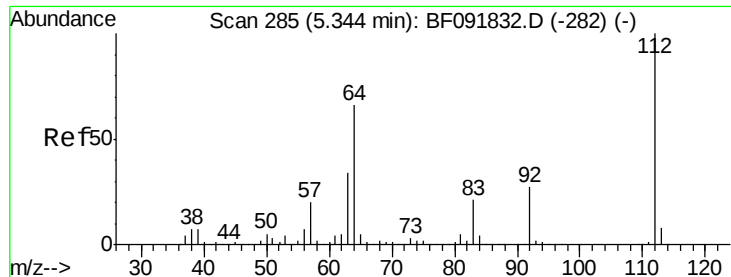


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 33.18 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

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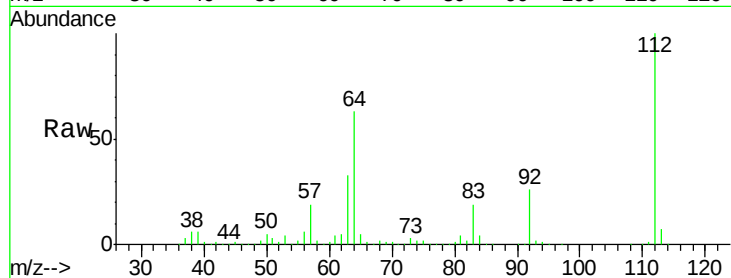
Tgt Ion: 112 Resp: 1278925

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

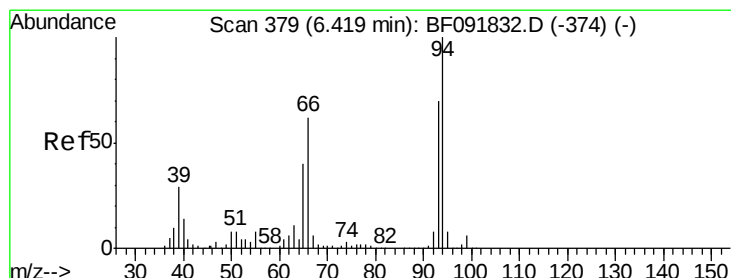
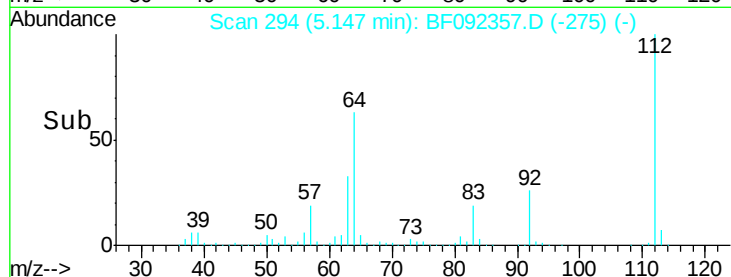
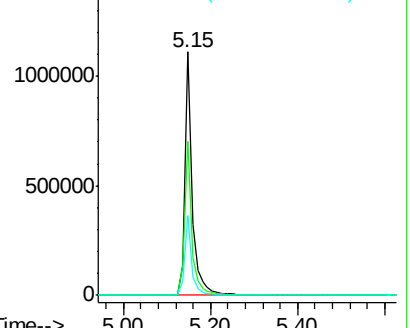
63 32.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.08 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

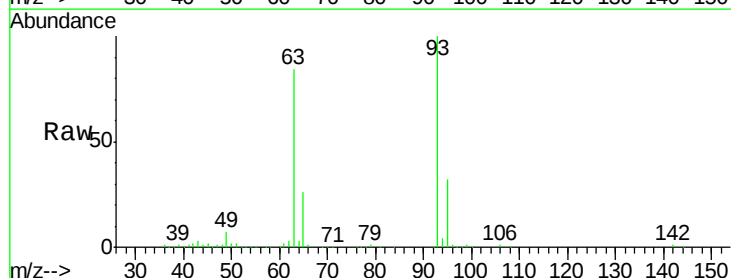
Tgt Ion: 93 Resp: 494004

Ion Ratio Lower Upper

93 100

66 1.2 76.2 114.2#

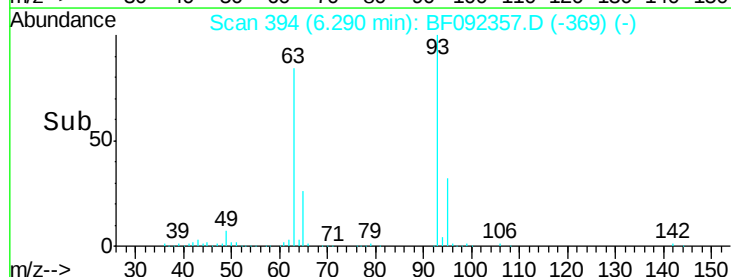
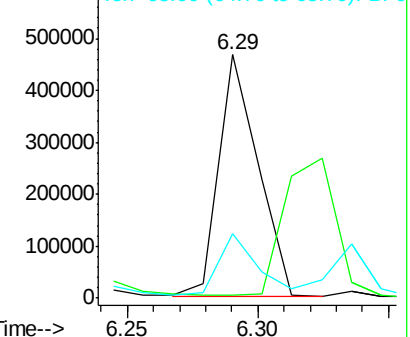
65 26.5 49.3 73.9#



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: 34.43 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

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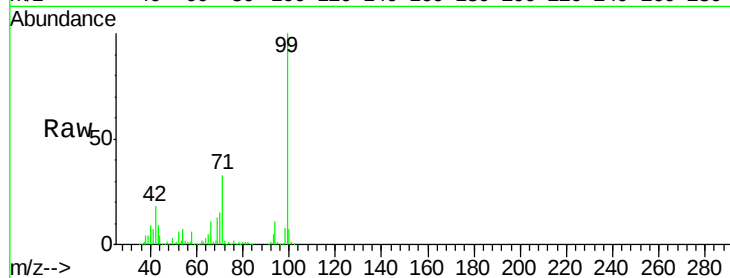
Tgt Ion: 99 Resp: 1620408

Ion Ratio Lower Upper

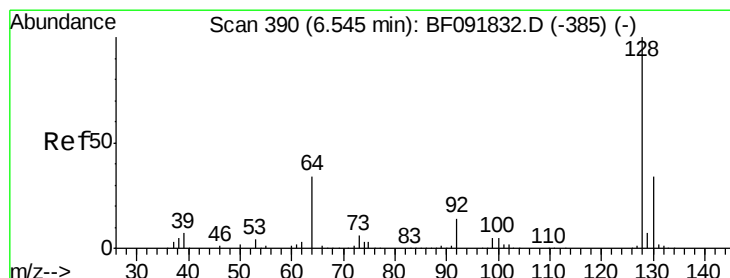
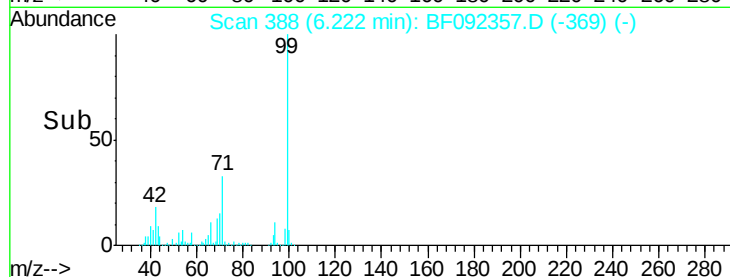
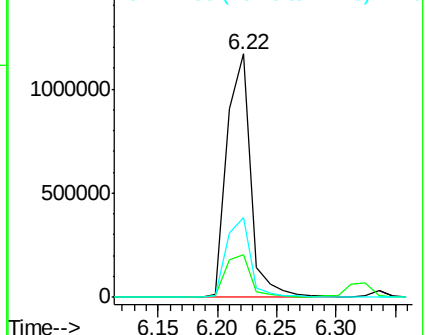
99 100

42 17.6 15.6 23.4

71 32.9 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: 11.49 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

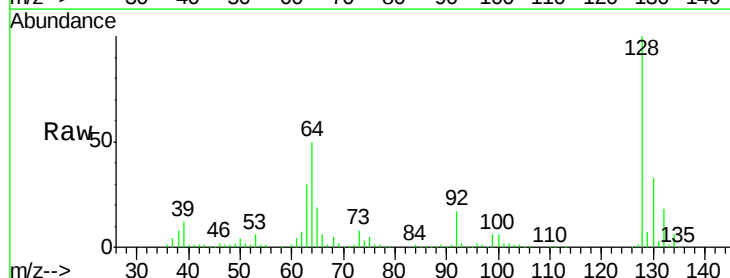
Tgt Ion: 128 Resp: 503597

Ion Ratio Lower Upper

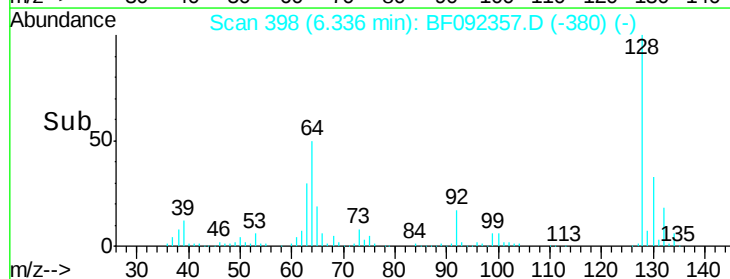
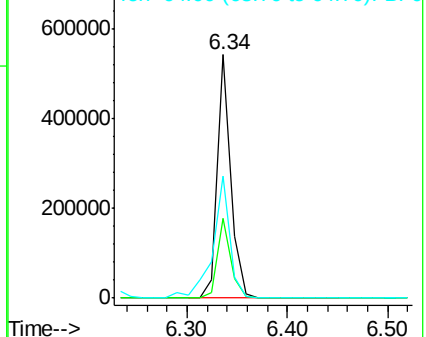
128 100

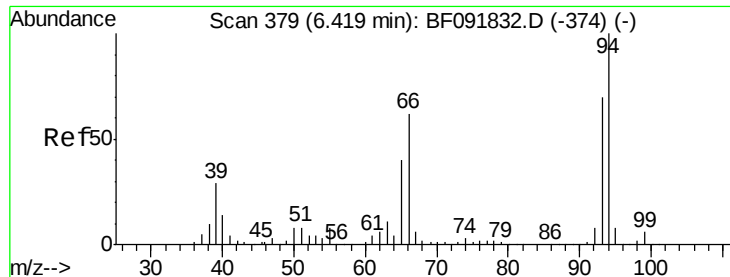
130 33.0 12.3 52.3

64 50.0 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 10.71 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.09 min

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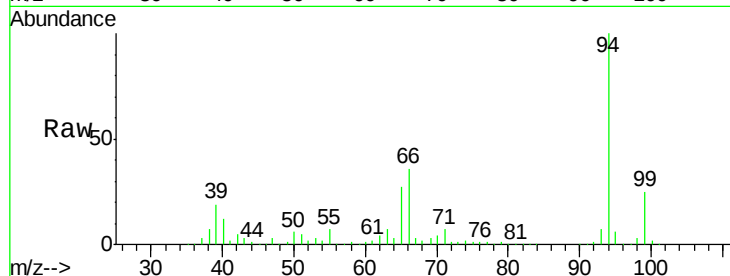
Tgt Ion: 94 Resp: 574333

Ion Ratio Lower Upper

94 100

65 26.8 21.4 61.4

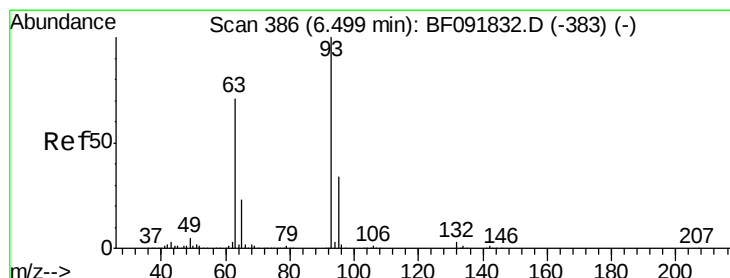
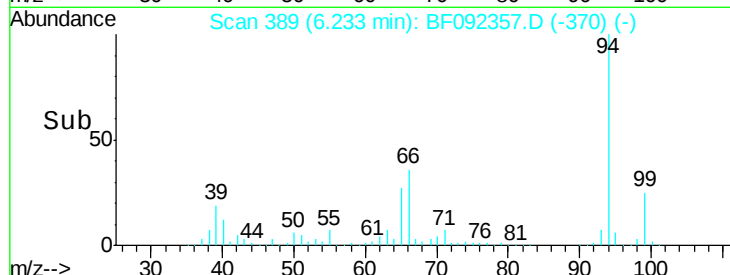
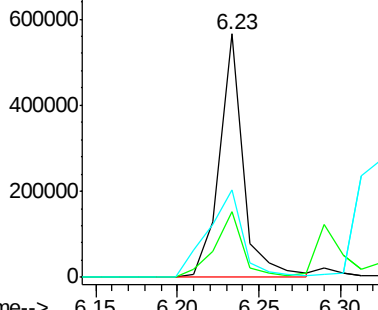
66 35.9 44.0 84.0#



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: 11.58 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

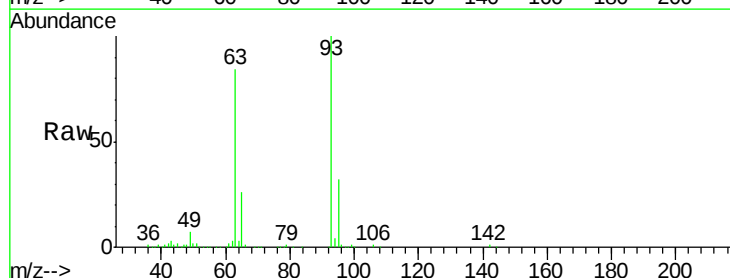
Tgt Ion: 93 Resp: 494004

Ion Ratio Lower Upper

93 100

63 84.0 60.4 100.4

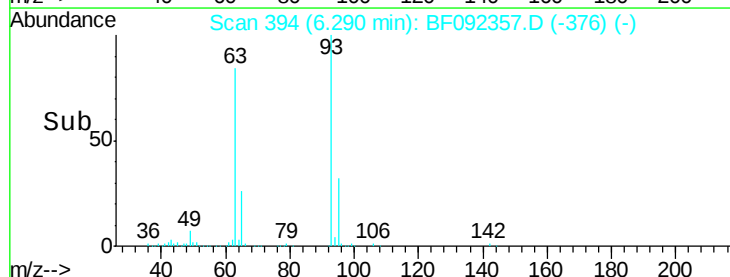
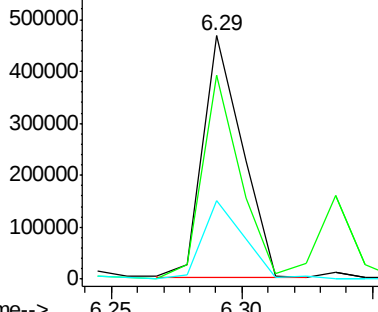
95 32.5 12.8 52.8

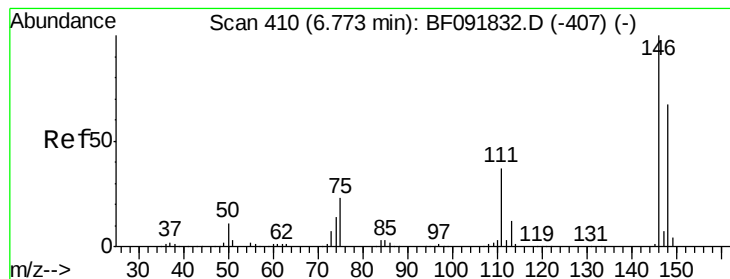


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 11.47 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

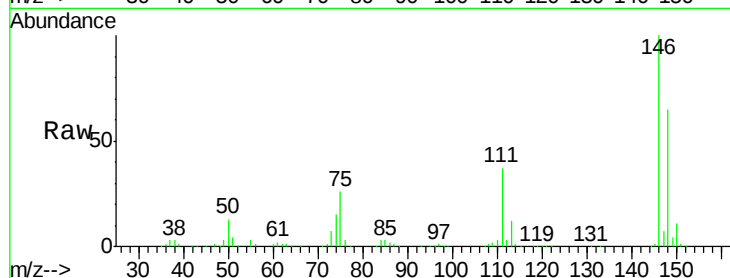
Tgt Ion:146 Resp: 536883

Ion Ratio Lower Upper

146 100

148 64.8 53.4 80.0

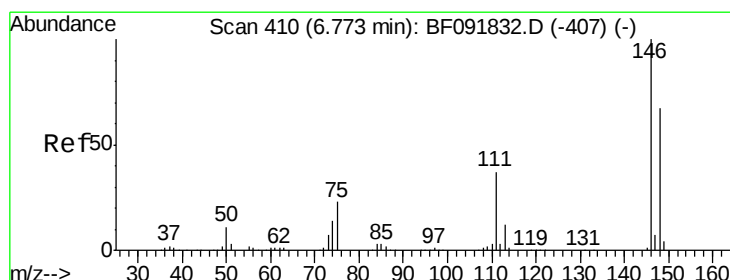
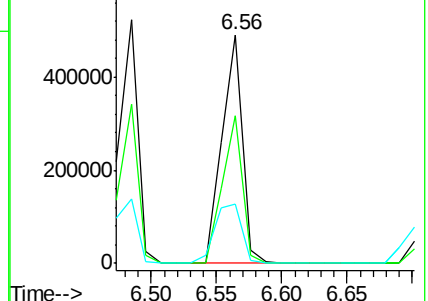
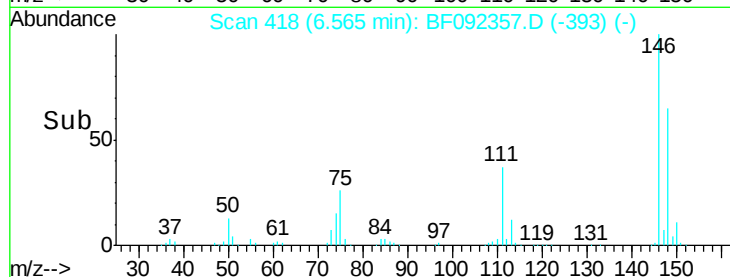
75 25.7 18.5 27.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 10.80 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.05 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

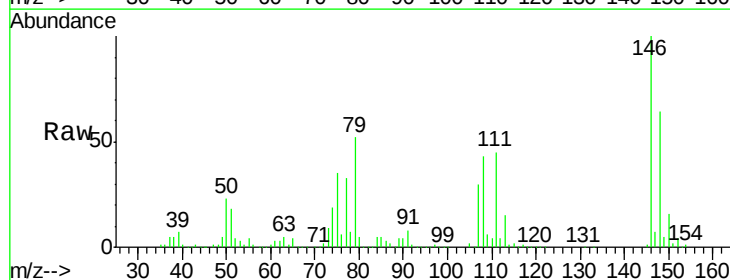
Tgt Ion:146 Resp: 514557

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

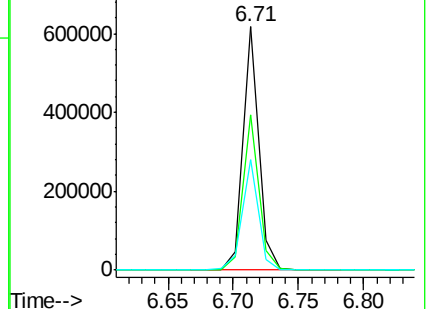
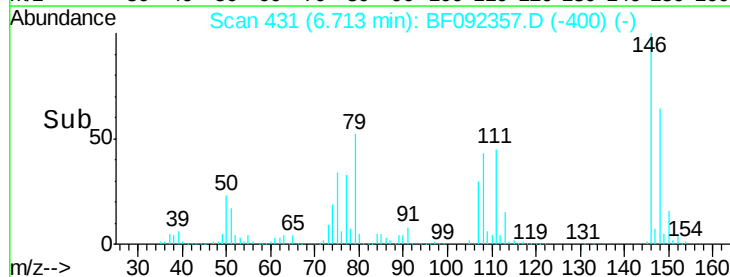
111 45.3 36.2 54.4

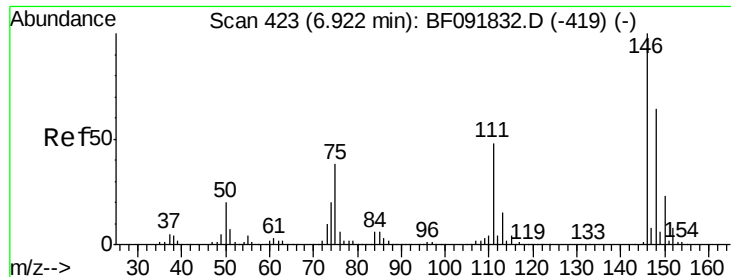


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.45 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

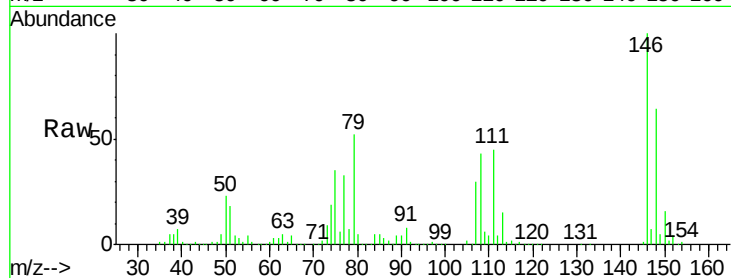
Tgt Ion:146 Resp: 514557

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

111 45.3 36.2 54.2

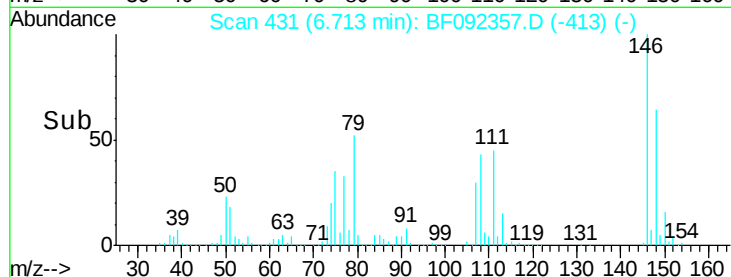


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



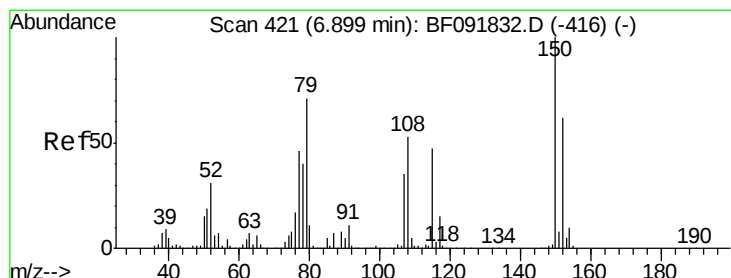
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



#15

Benzyl Alcohol

Concen: 12.53 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

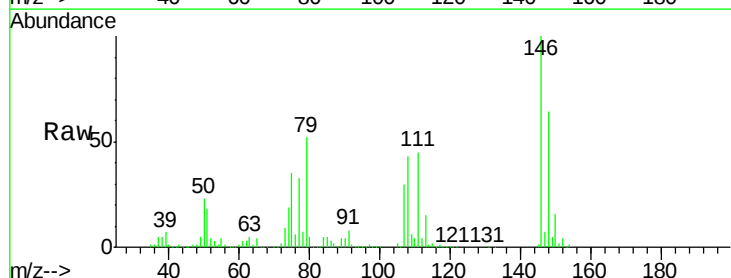
Tgt Ion: 79 Resp: 458247

Ion Ratio Lower Upper

79 100

108 82.5 61.4 92.0

77 63.5 50.9 76.3

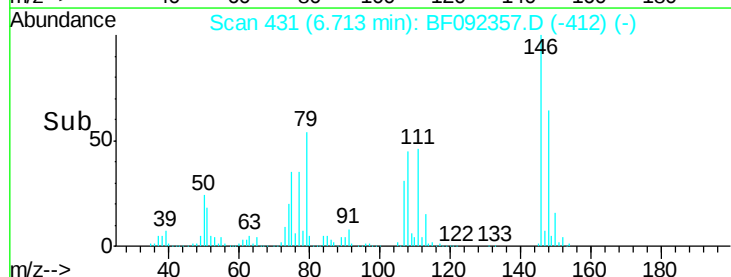


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



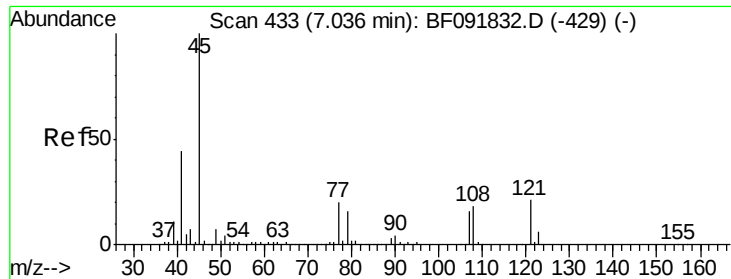
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

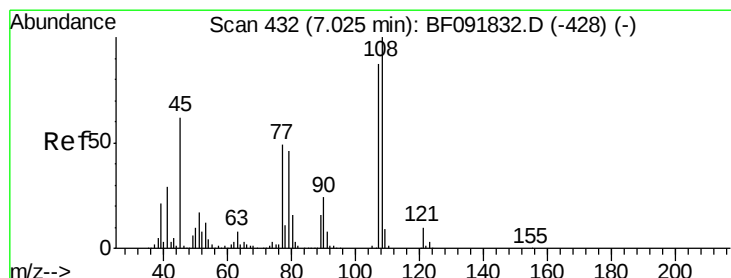
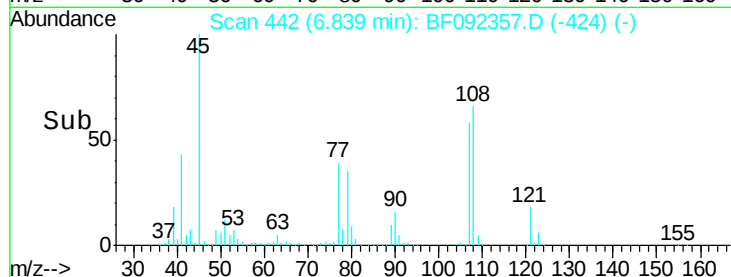
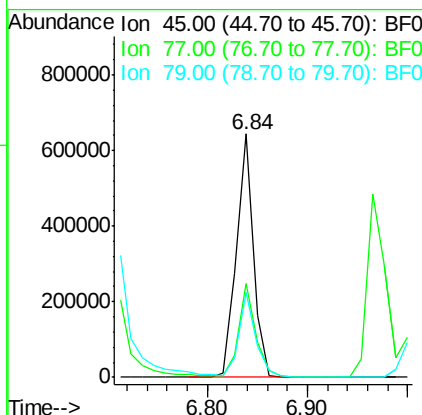
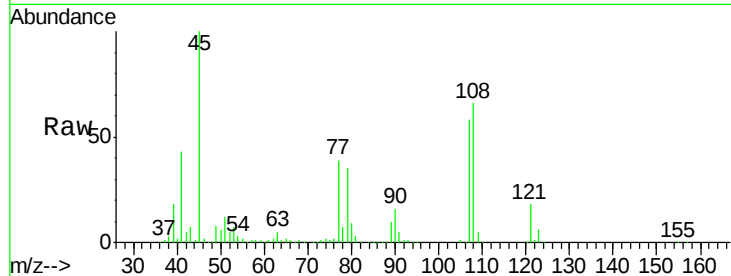
Time-->



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.84 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

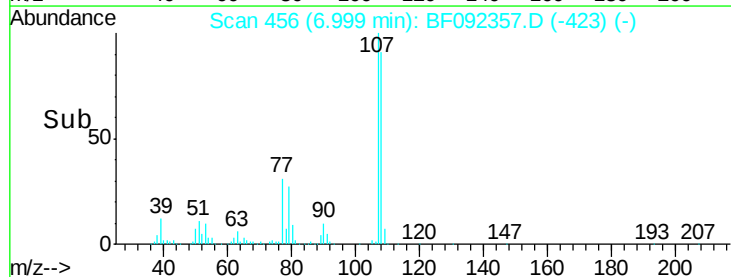
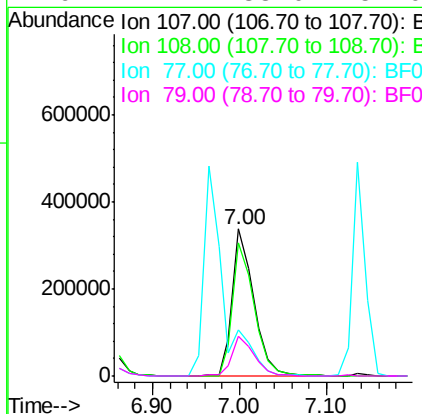
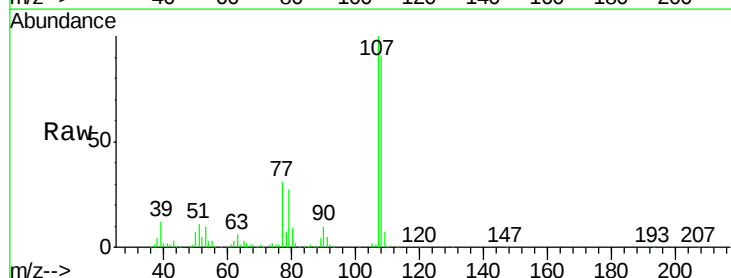
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

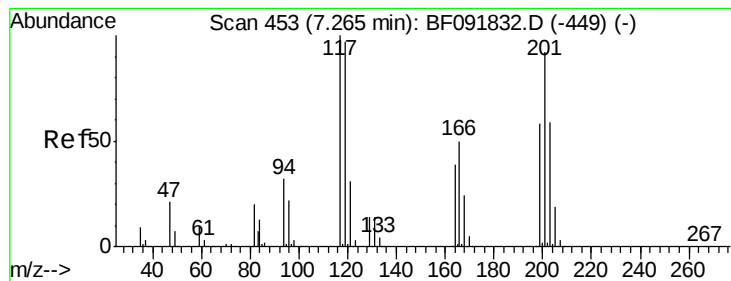
Tgt Ion: 45 Resp: 752410
Ion Ratio Lower Upper
45 100
77 38.5 0.0 34.6#
79 34.8 0.0 31.2#



#17
2-Methylphenol
Concen: 16.44 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.07 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion: 107 Resp: 579691
Ion Ratio Lower Upper
107 100
108 90.8 93.0 139.6#
77 31.5 39.8 59.8#
79 27.4 38.0 57.0#





#18

Hexachloroethane

Concen: 11.79 ng

RT: 7.06 min Scan# 461

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

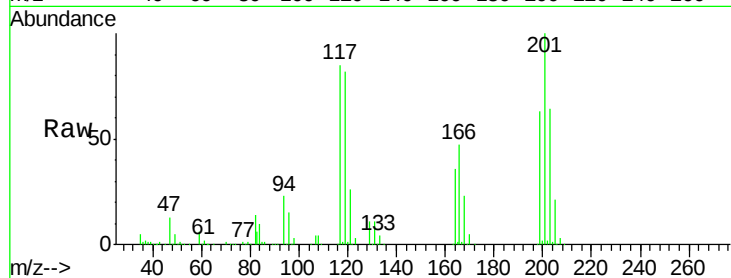
Tgt Ion: 117 Resp: 208308

Ion Ratio Lower Upper

117 100

119 96.3 78.1 117.1

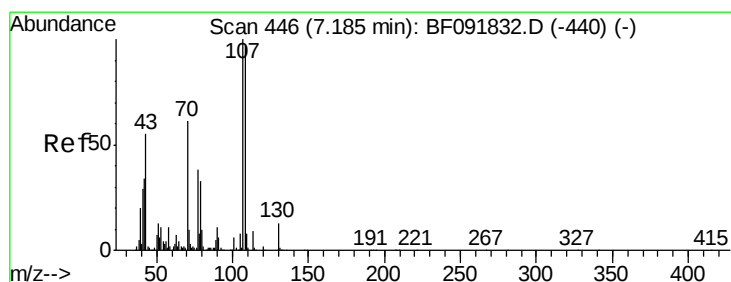
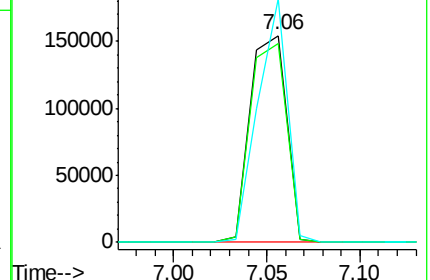
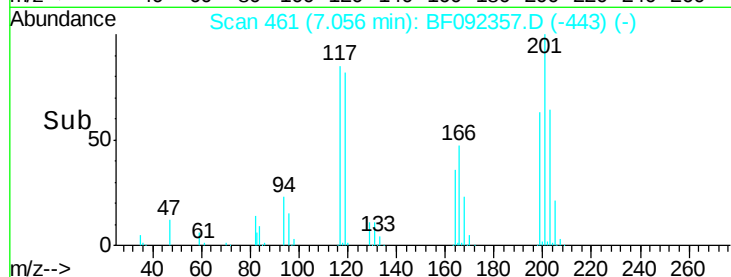
201 117.7 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 12.89 ng

RT: 6.98 min Scan# 454

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Tgt Ion: 70 Resp: 403498

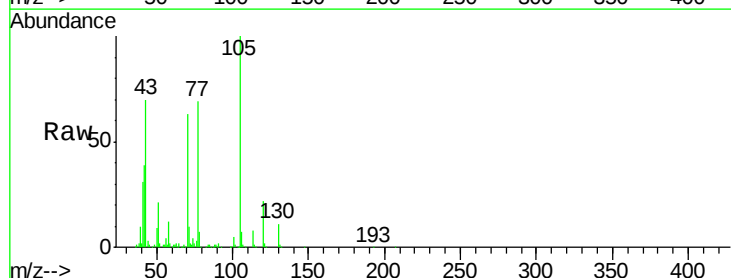
Ion Ratio Lower Upper

70 100

42 61.7 49.4 74.0

101 8.1 7.4 11.2

130 16.8 14.2 21.4

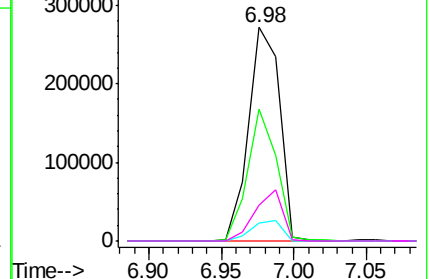
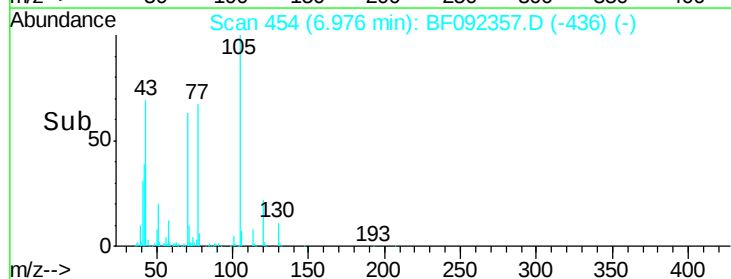


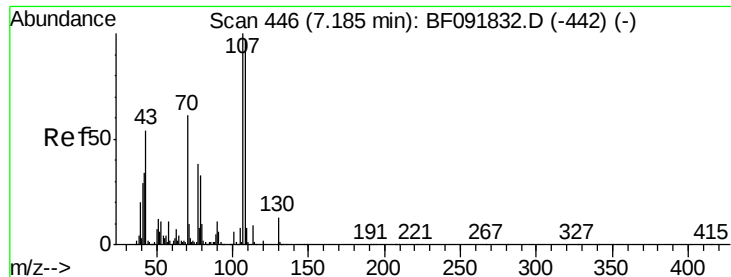
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 13.78 ng

RT: 7.00 min Scan# 456

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion:107 Resp: 579691

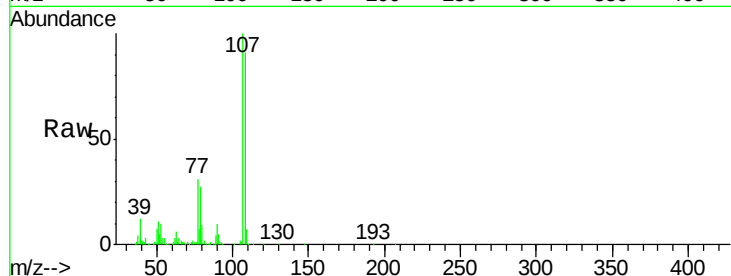
Ion Ratio Lower Upper

107 100

108 90.8 73.0 113.0

77 31.5 71.3 111.3#

79 27.4 11.1 51.1

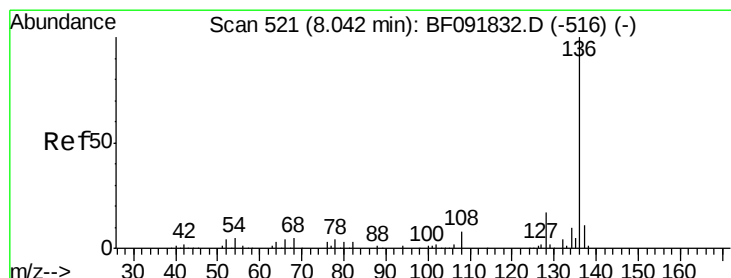
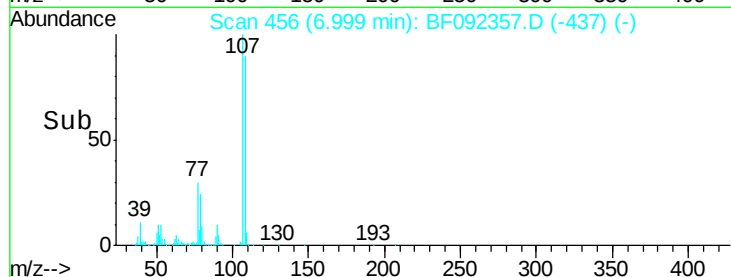
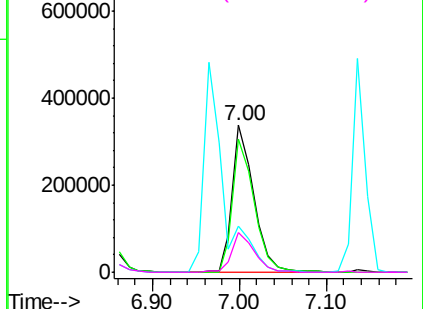


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Tgt Ion:136 Resp: 581811

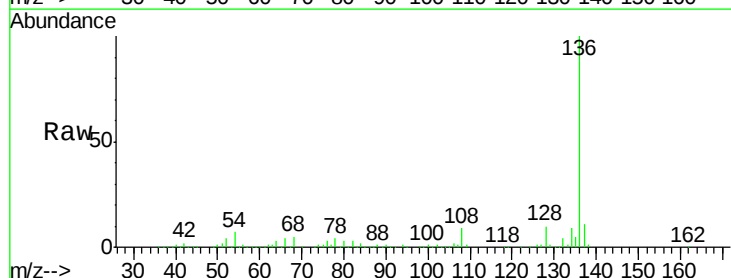
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.8 4.5 6.7#

68 5.5 3.6 5.4#

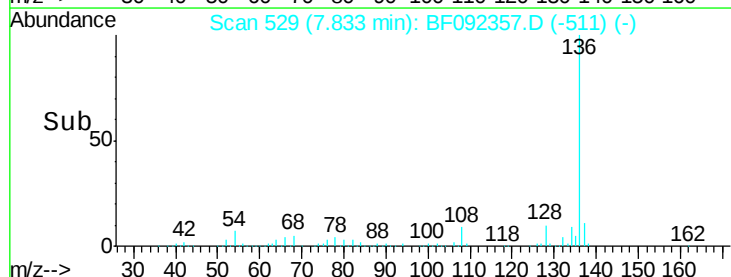
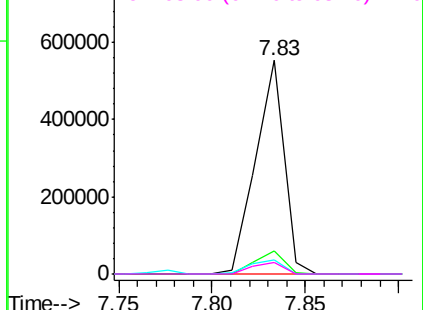


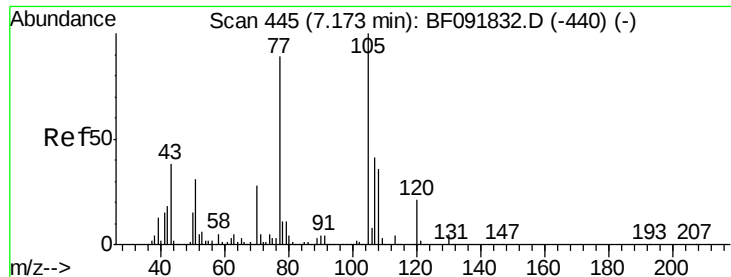
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

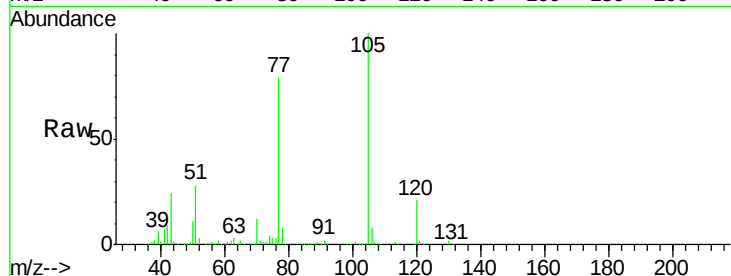




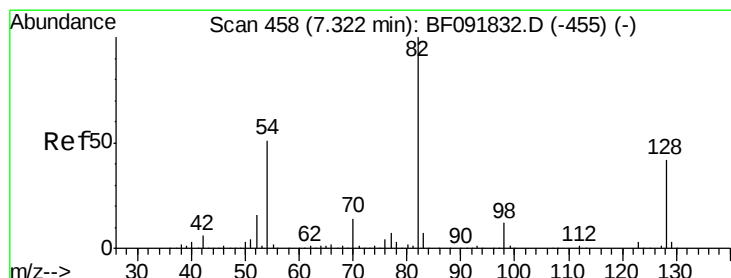
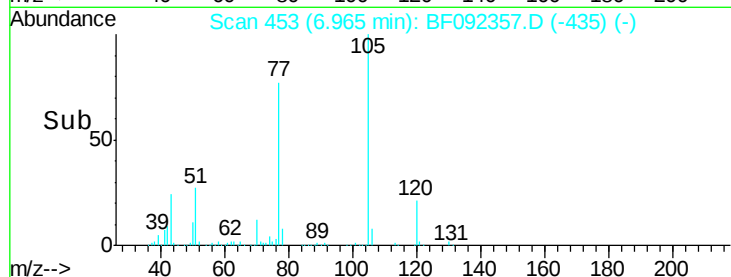
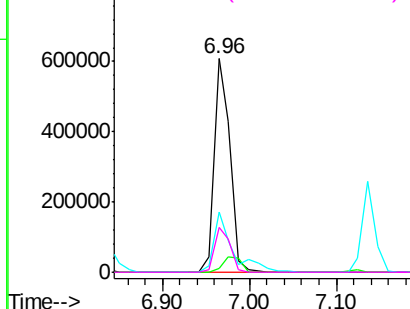
#22
Acetophenone
Concen: 54.01 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion: 105 Resp: 775035
Ion Ratio Lower Upper
105 100
71 2.1 3.2 4.8#
51 27.9 26.2 39.4
120 20.7 16.6 24.8

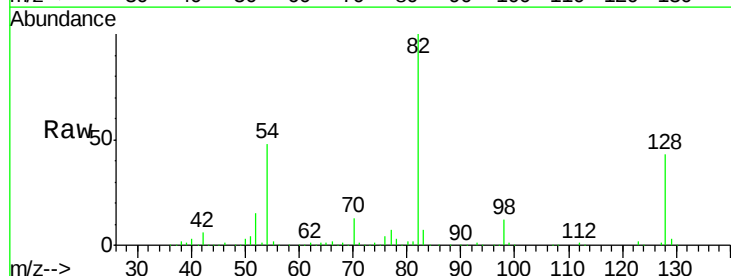


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

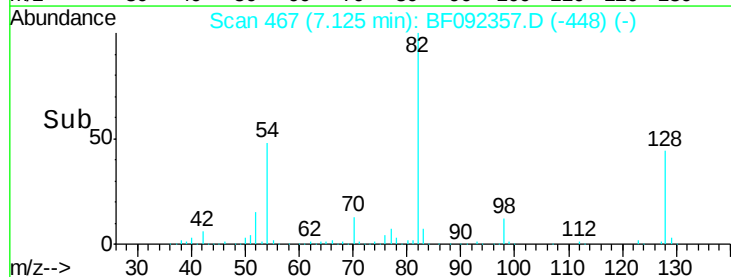
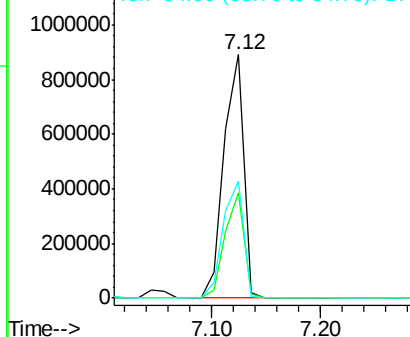


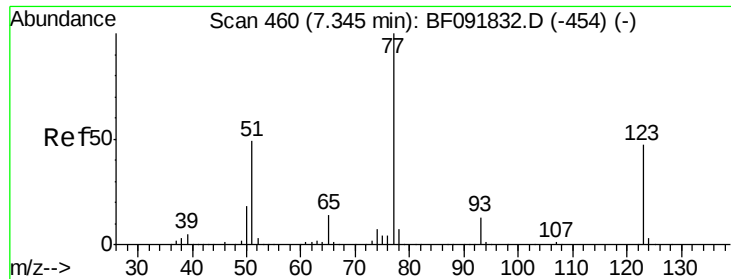
#23
Nitrobenzene-d5
Concen: 106.93 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion: 82 Resp: 1118830
Ion Ratio Lower Upper
82 100
128 43.5 34.6 52.0
54 47.9 39.5 59.3



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





#24

Nitrobenzene

Concen: 45.42 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

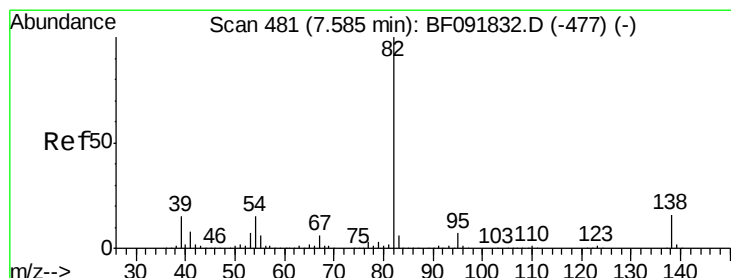
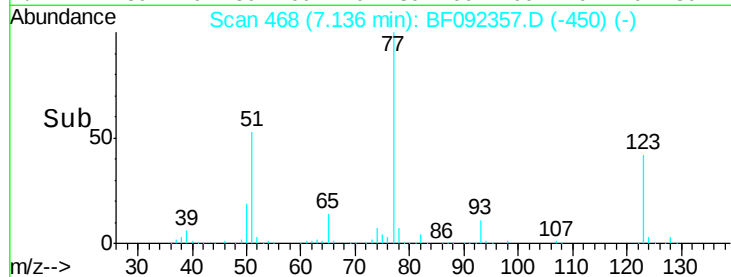
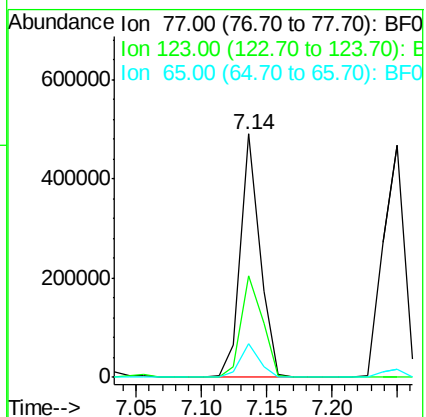
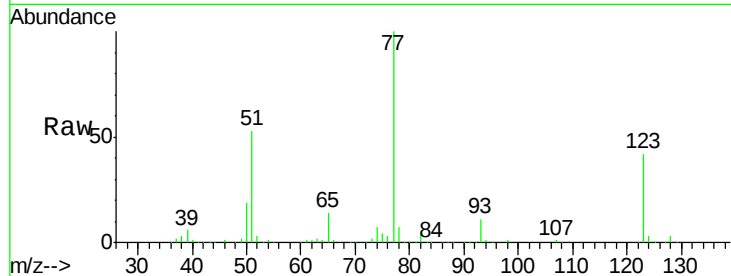
Tgt Ion: 77 Resp: 506161

Ion Ratio Lower Upper

77 100

123 41.6 33.0 49.4

65 13.7 11.2 16.8



#25

Isophorone

Concen: 52.94 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

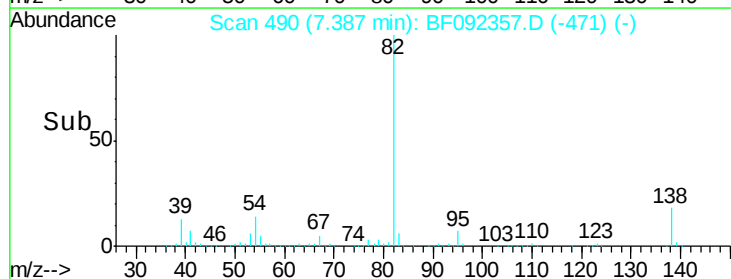
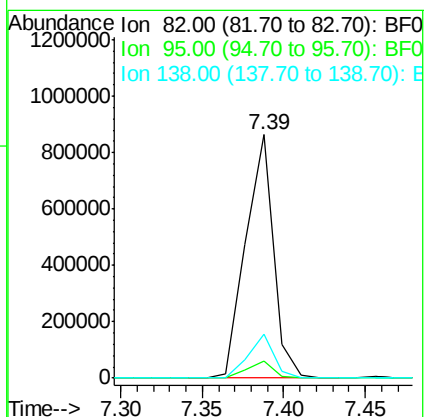
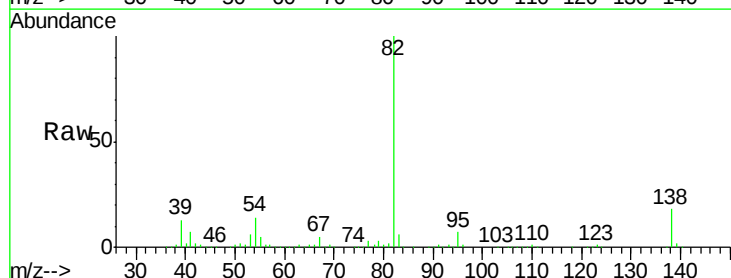
Tgt Ion: 82 Resp: 1021955

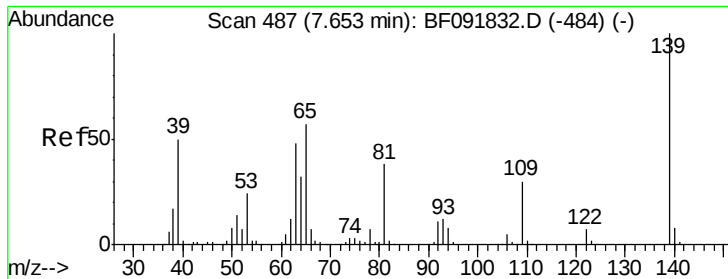
Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.0 14.6 22.0

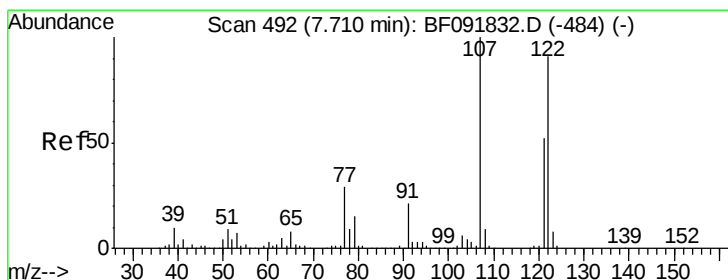
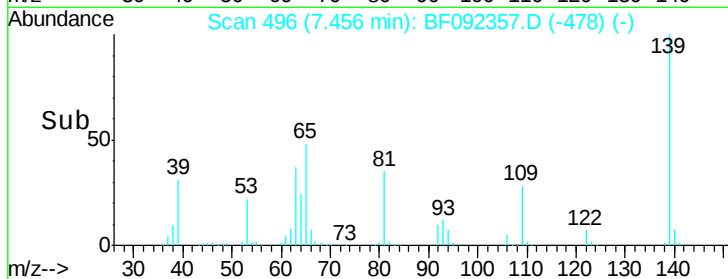
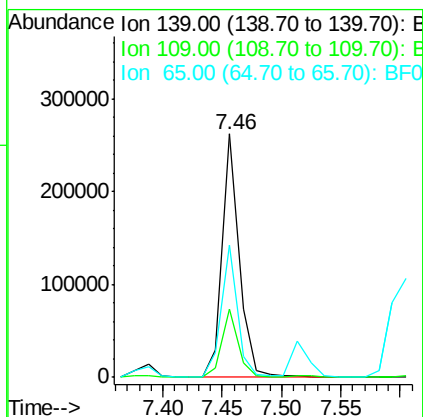
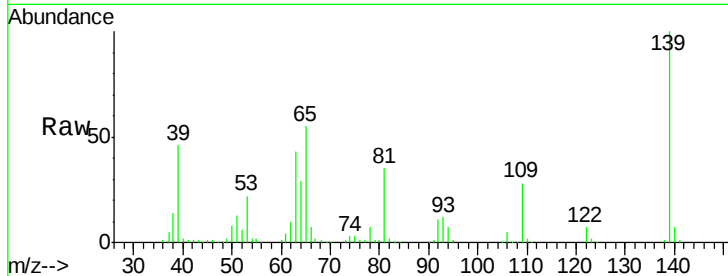




#26
 2-Nitrophenol
 Concen: 47.09 ng
 RT: 7.46 min Scan# 496
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

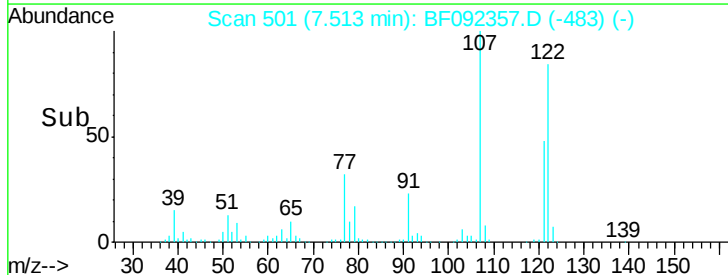
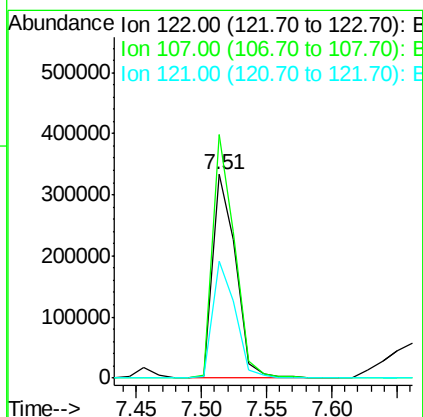
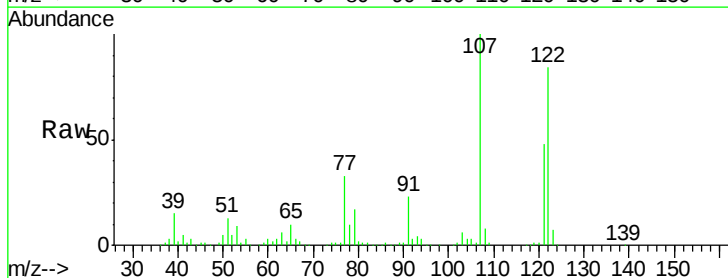
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

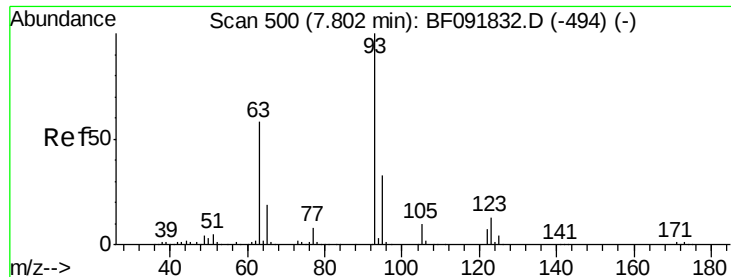
Tgt Ion:139 Resp: 258804
 Ion Ratio Lower Upper
 139 100
 109 28.2 23.3 34.9
 65 54.6 42.7 64.1



#27
 2,4-Dimethylphenol
 Concen: 45.05 ng
 RT: 7.51 min Scan# 501
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Tgt Ion:122 Resp: 410619
 Ion Ratio Lower Upper
 122 100
 107 119.6 94.1 141.1
 121 57.2 46.0 69.0

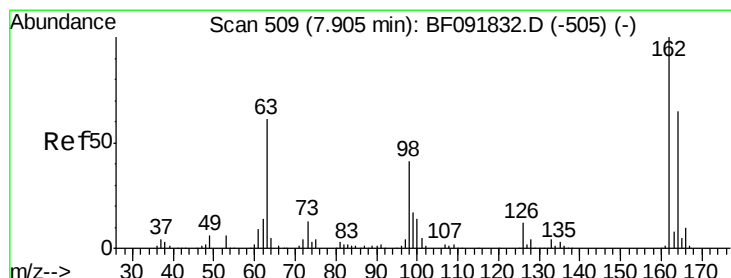
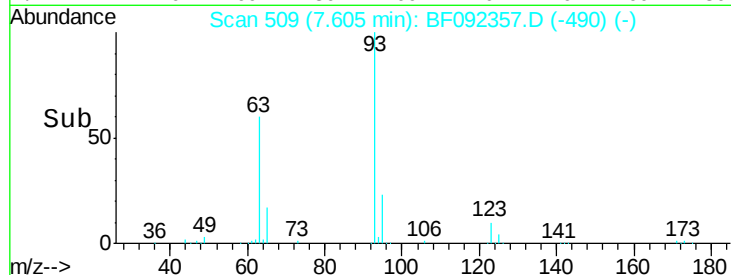
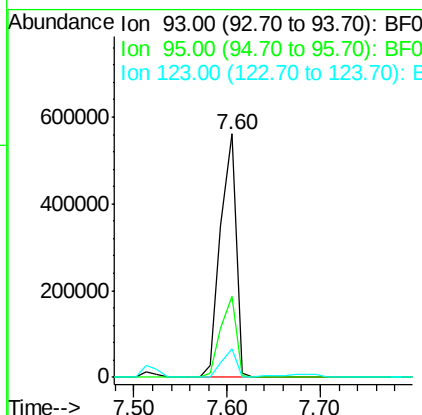
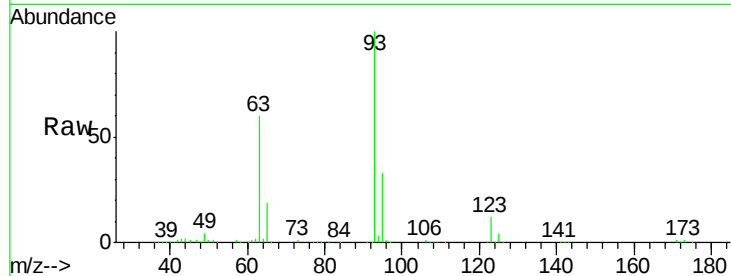




#28
 bis(2-Chloroethoxy)methane
 Concen: 55.86 ng
 RT: 7.60 min Scan# 509
 Delta R.T. -0.09 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

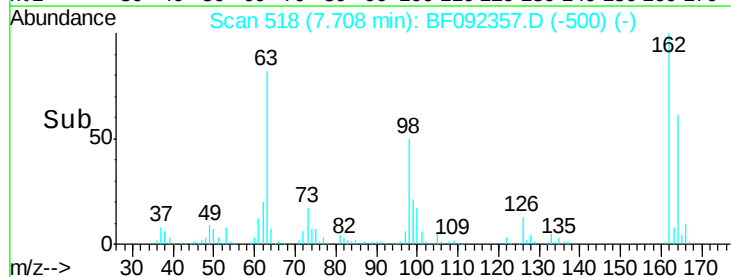
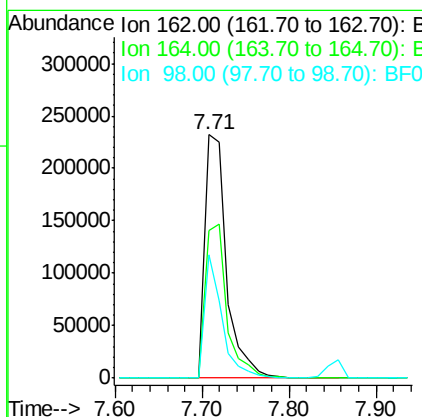
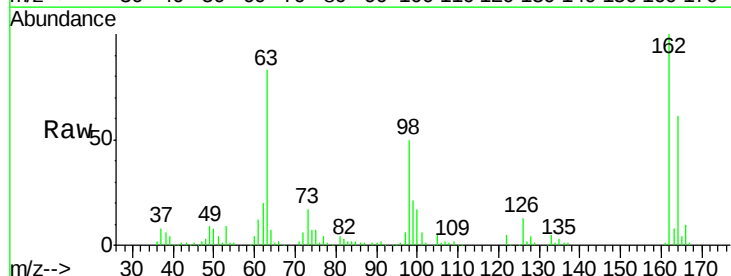
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

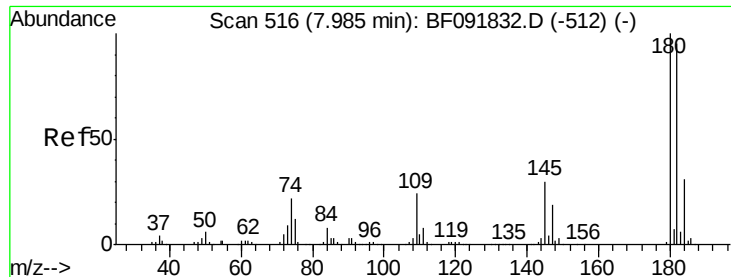
Tgt Ion: 93 Resp: 653877
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.7 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 52.21 ng
 RT: 7.71 min Scan# 518
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Tgt Ion: 162 Resp: 402990
 Ion Ratio Lower Upper
 162 100
 164 60.6 46.8 86.8
 98 50.5 9.1 49.1#

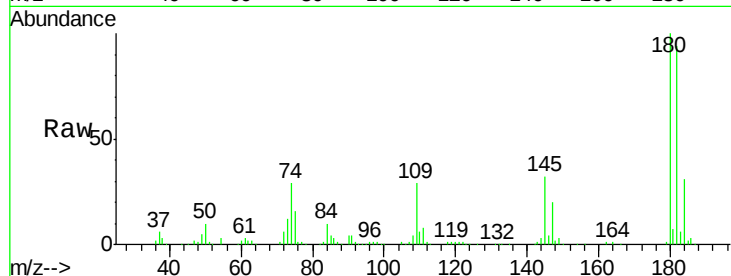




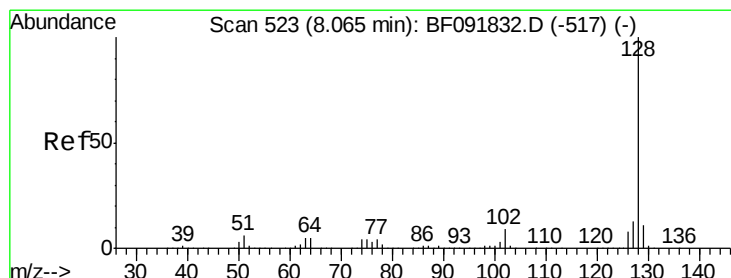
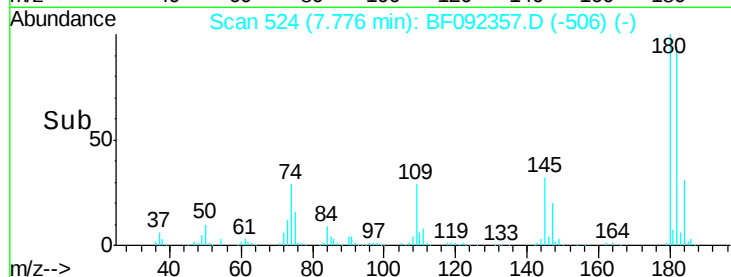
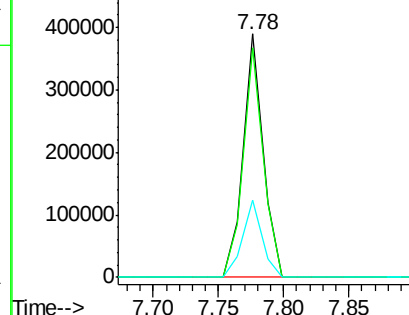
#30
 1,2,4-Trichlorobenzene
 Concen: 48.62 ng
 RT: 7.78 min Scan# 524
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion:180 Resp: 411253
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.2 117.4
 145 31.7 21.6 32.4

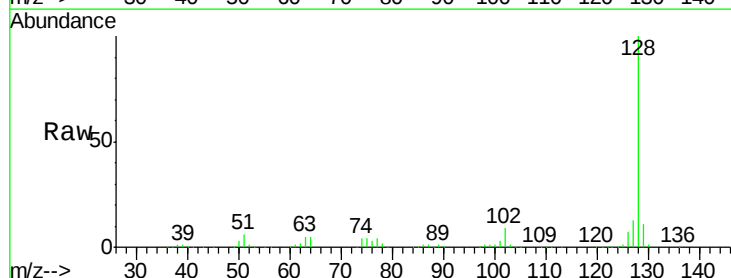


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

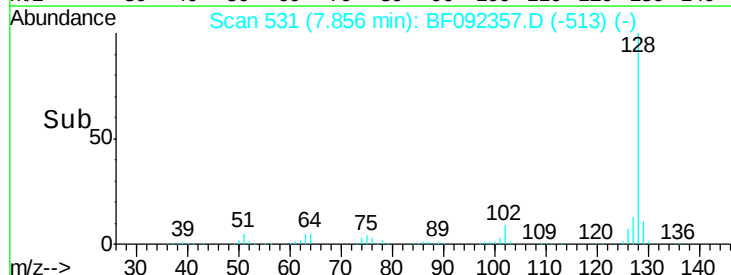
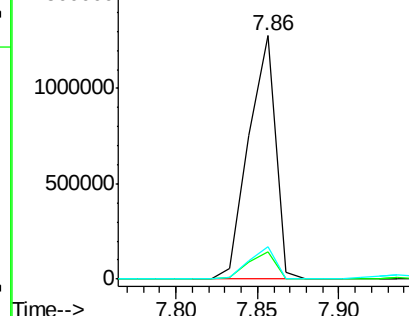


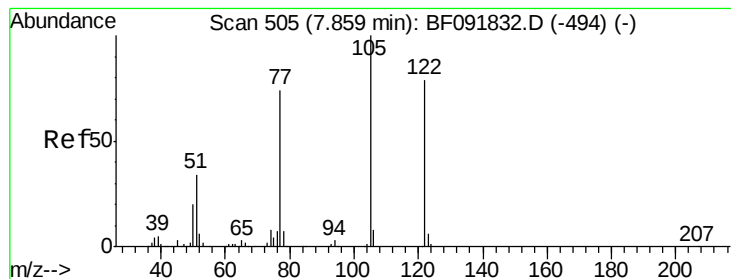
#31
 Naphthalene
 Concen: 54.71 ng
 RT: 7.86 min Scan# 531
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Tgt Ion:128 Resp: 1456747
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.5 14.3
 127 13.2 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: 43.70 ng

RT: 7.70 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

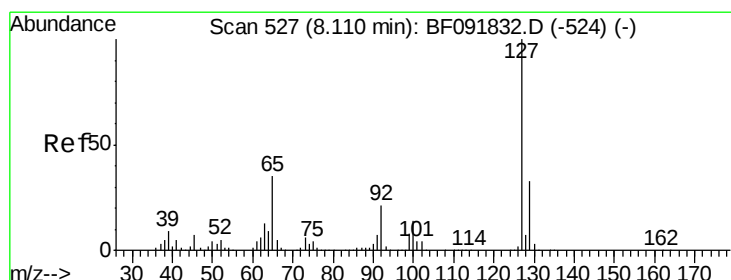
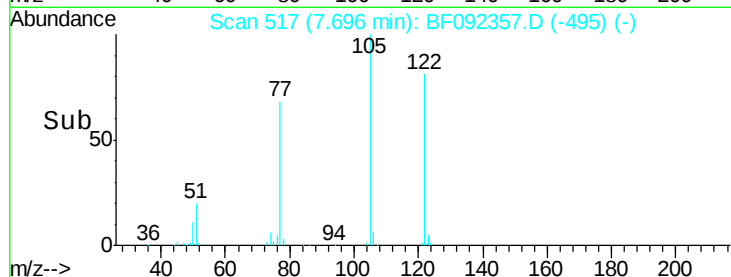
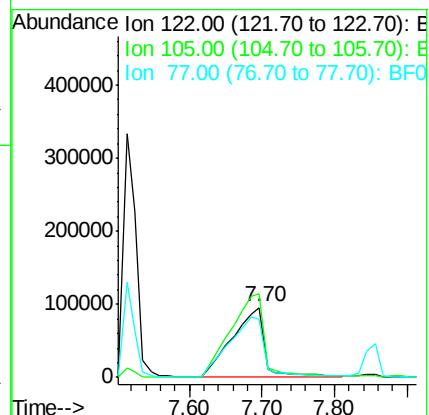
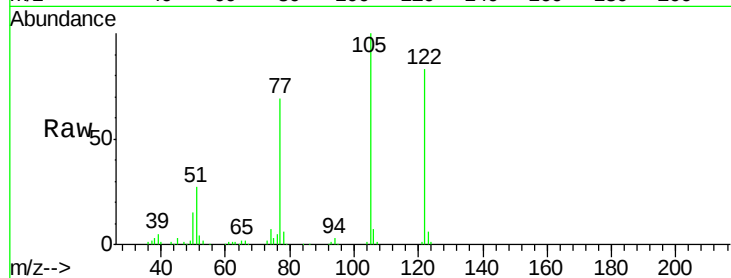
Tgt Ion:122 Resp: 295436

Ion Ratio Lower Upper

122 100

105 120.4 107.2 147.2

77 83.4 74.5 114.5



#33

4-Chloroaniline

Concen: 4.65 ng

RT: 7.94 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Tgt Ion:127 Resp: 55818

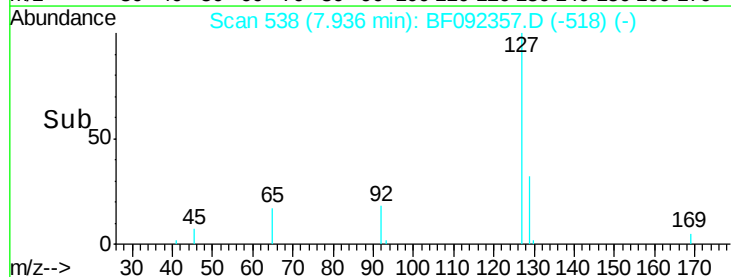
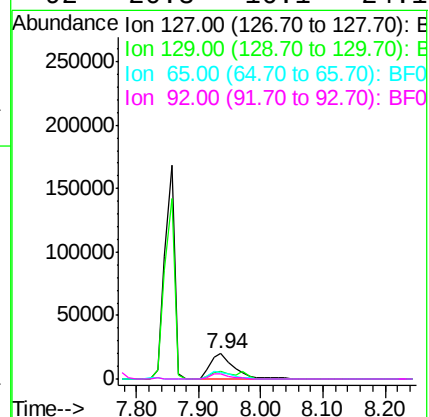
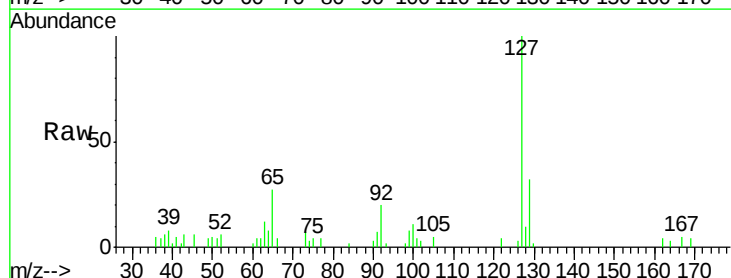
Ion Ratio Lower Upper

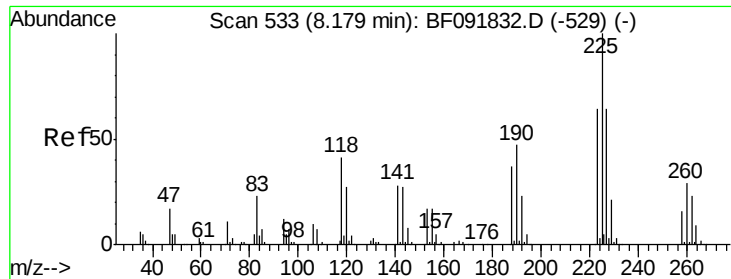
127 100

129 32.2 26.3 39.5

65 27.1 25.8 38.8

92 20.3 16.1 24.1





#34

Hexachlorobutadiene

Concen: 52.83 ng

RT: 7.97 min Scan# 541

Delta R.T. -0.11 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

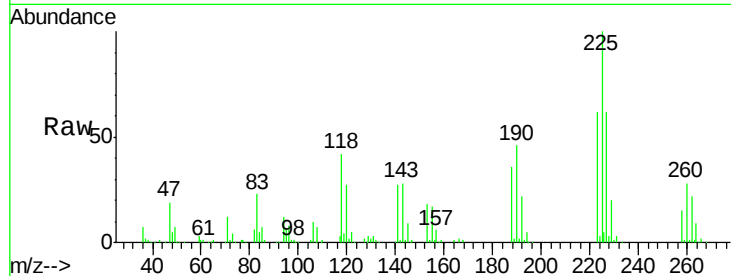
Tgt Ion:225 Resp: 235870

Ion Ratio Lower Upper

225 100

223 62.0 51.0 76.6

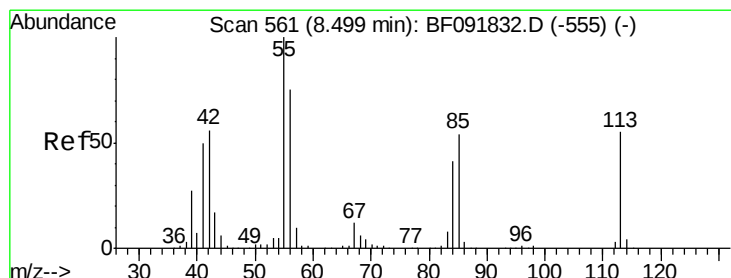
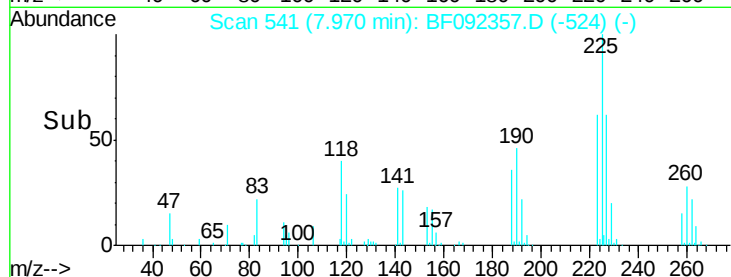
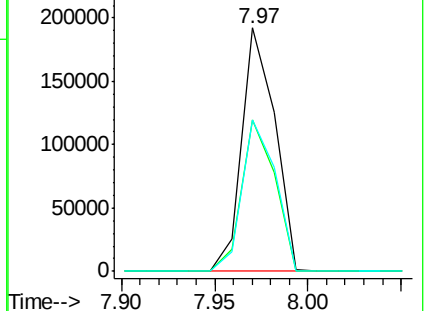
227 62.4 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 29.01 ng

RT: 8.30 min Scan# 570

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

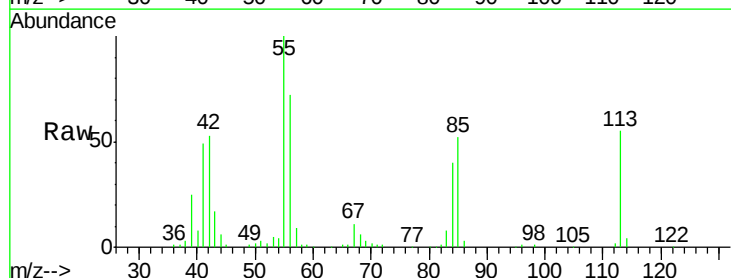
Tgt Ion:113 Resp: 73593

Ion Ratio Lower Upper

113 100

55 183.2 119.2 159.2#

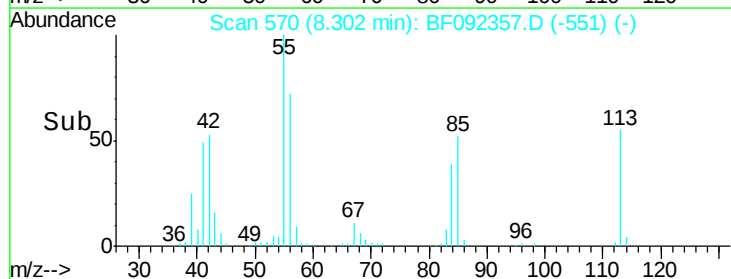
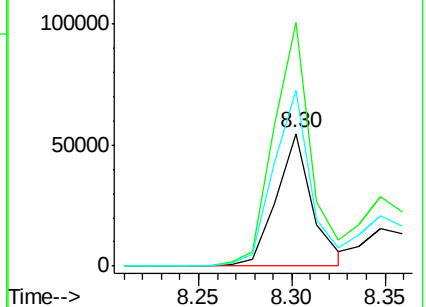
56 131.9 83.8 123.8#

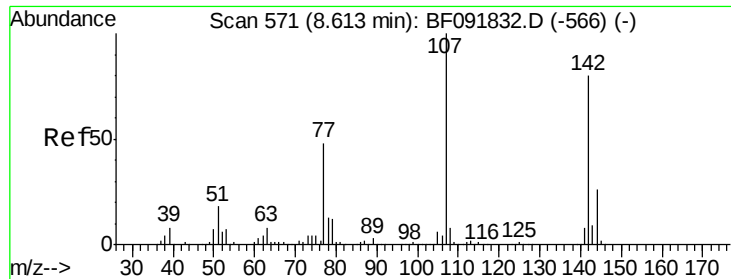


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 51.16 ng

RT: 8.43 min Scan# 581

Delta R.T. -0.08 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

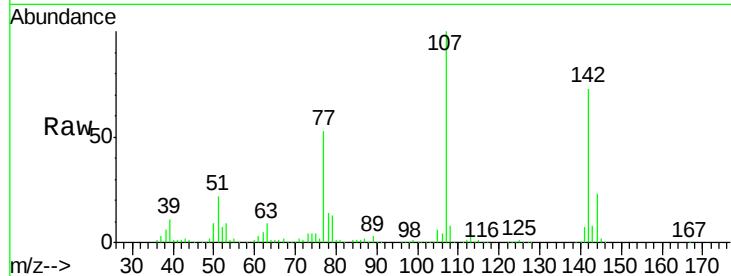
Tgt Ion:107 Resp: 454406

Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

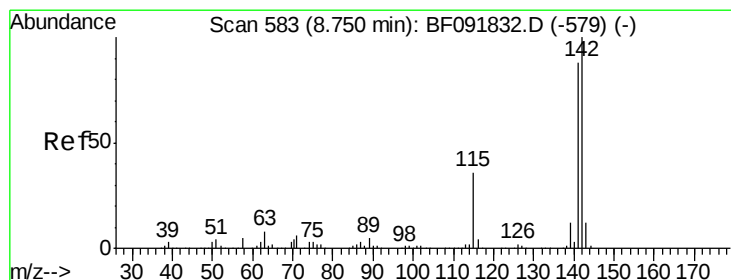
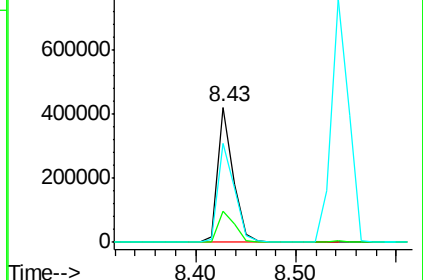
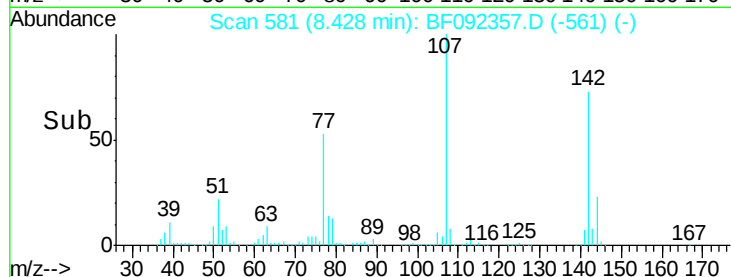
142 73.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 71.31 ng

RT: 8.54 min Scan# 591

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

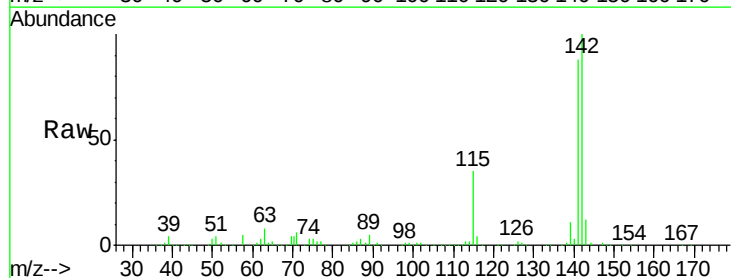
Tgt Ion:142 Resp: 910375

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

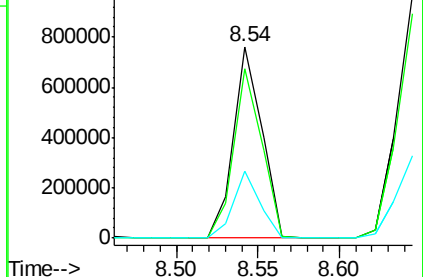
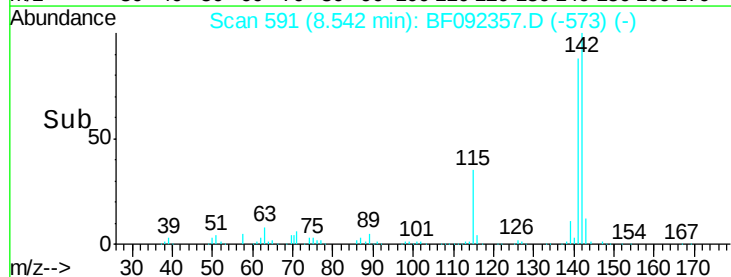
115 35.2 28.3 42.5

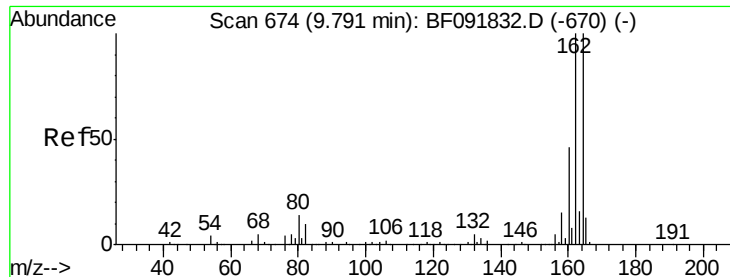


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

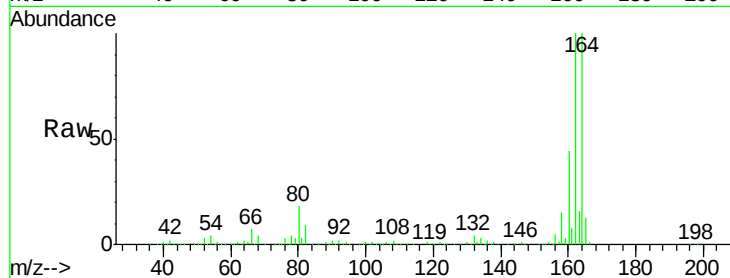
Tgt Ion:164 Resp: 391292

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

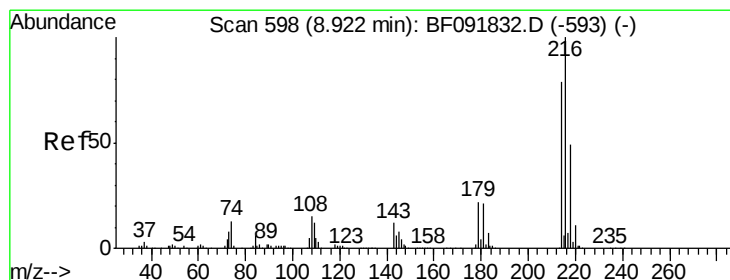
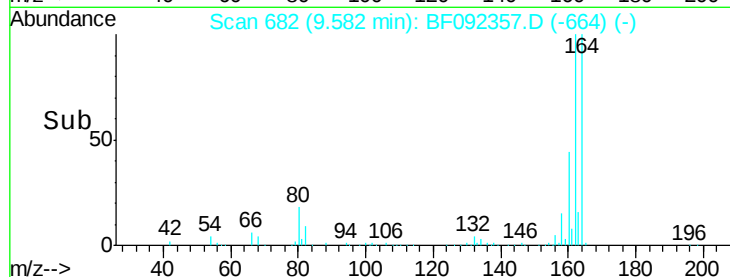
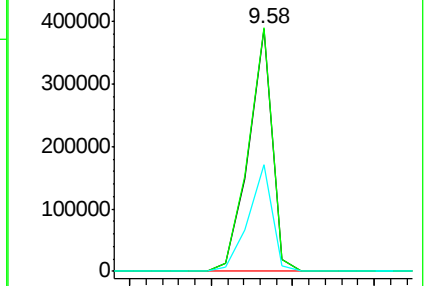
160 43.7 36.9 55.3



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: 42.98 ng

RT: 8.71 min Scan# 606

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Tgt Ion:216 Resp: 424944

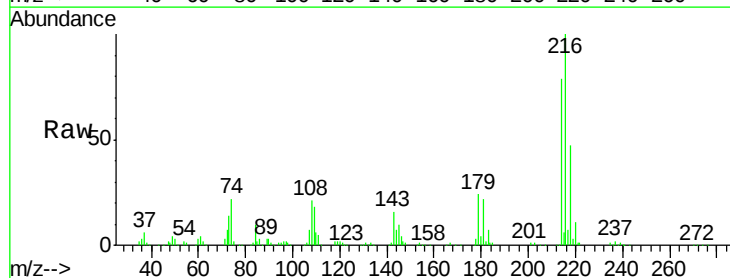
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.5 17.4 26.2

108 22.3 15.6 23.4

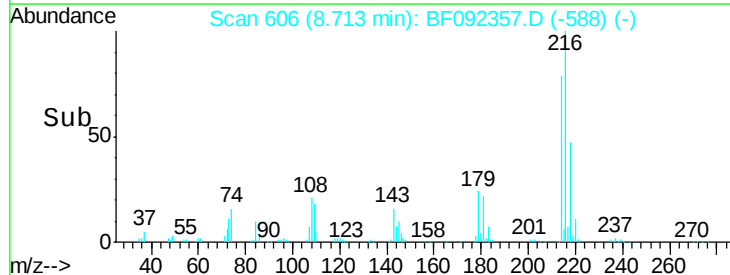
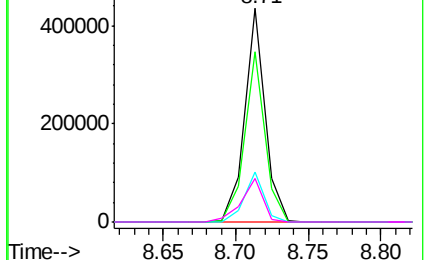


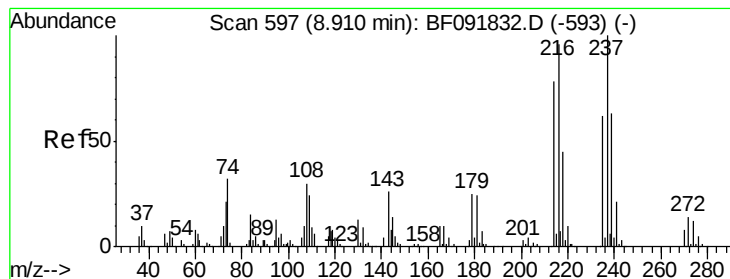
Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.51 ng

RT: 8.70 min Scan# 605

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

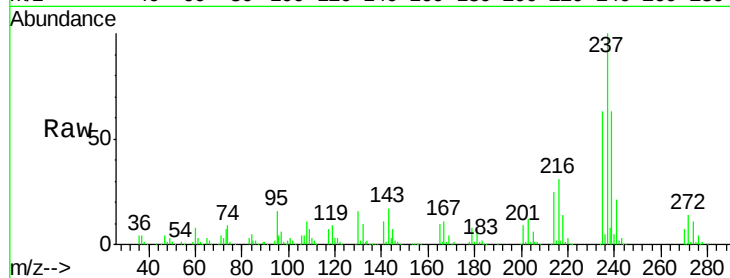
Tgt Ion: 237 Resp: 308246

Ion Ratio Lower Upper

237 100

235 63.1 41.2 81.2

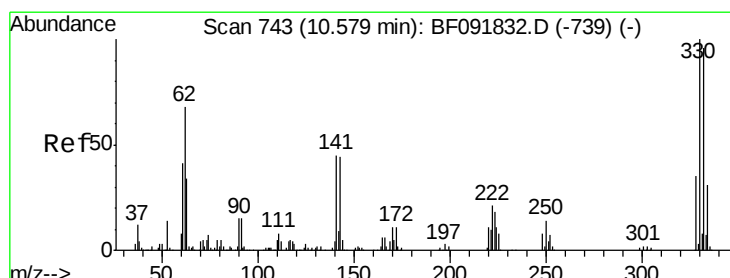
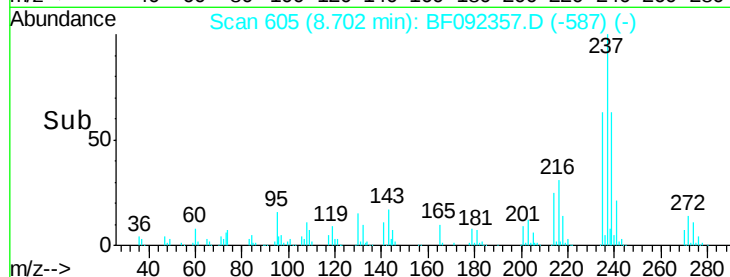
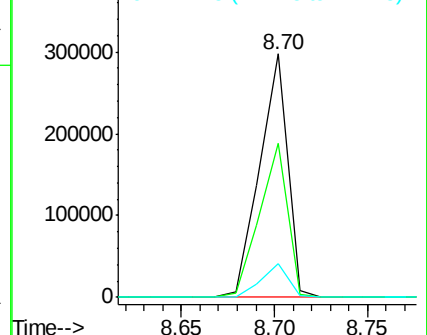
272 13.9 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 132.72 ng

RT: 10.37 min Scan# 751

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

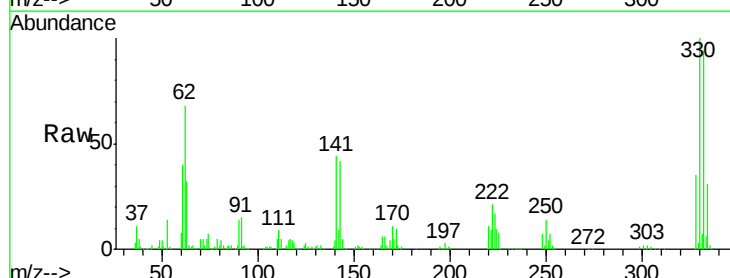
Tgt Ion: 330 Resp: 429785

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

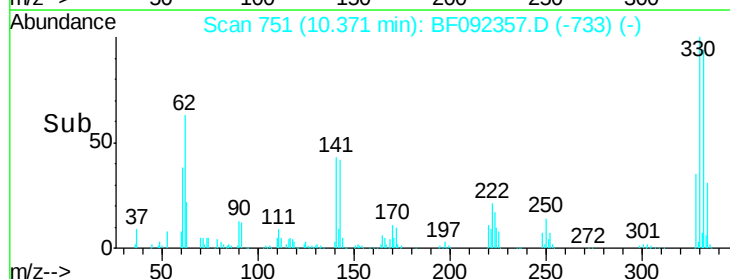
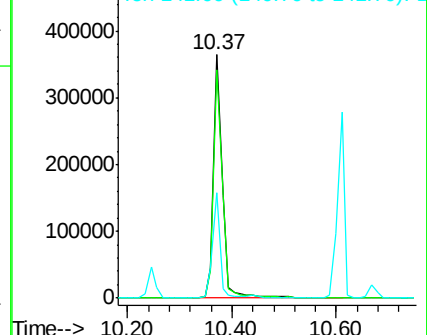
141 36.8 34.1 51.1

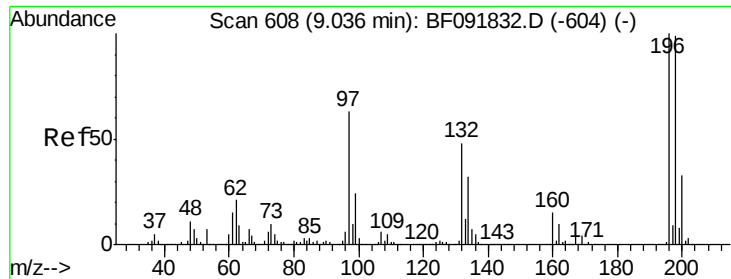


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

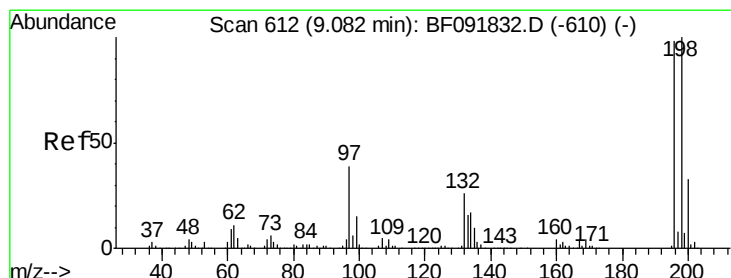
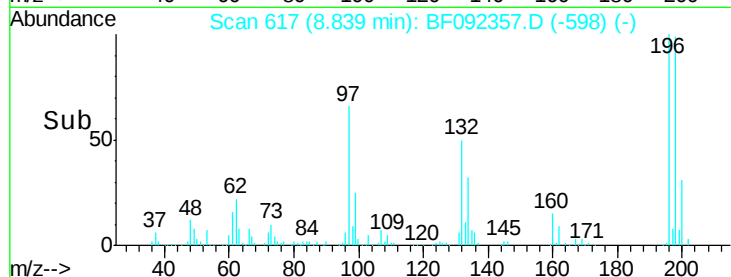
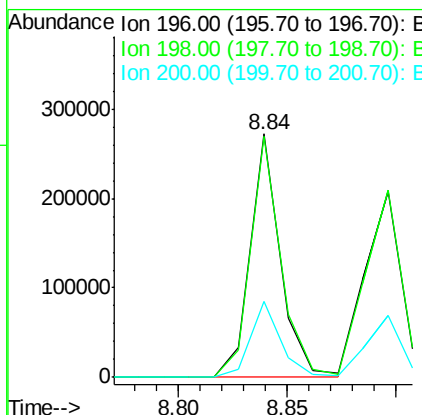
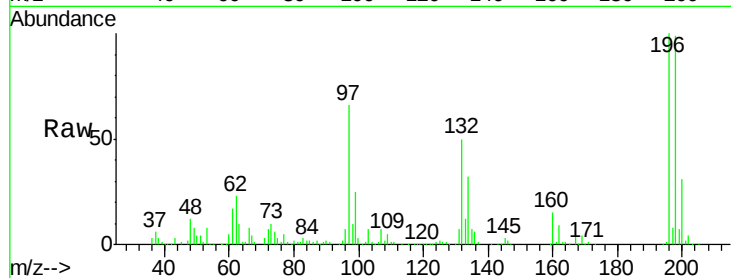




#42
2,4,6-Trichlorophenol
Concen: 38.11 ng
RT: 8.84 min Scan# 617
Delta R.T. -0.09 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

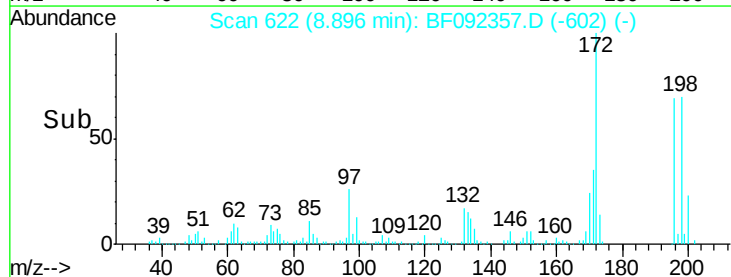
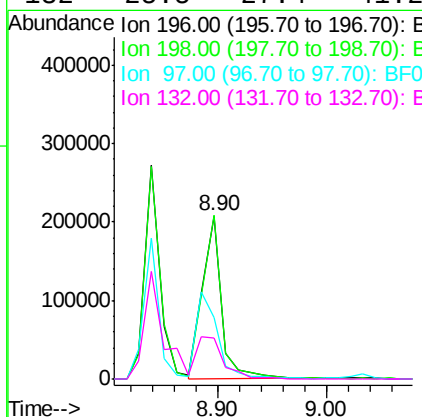
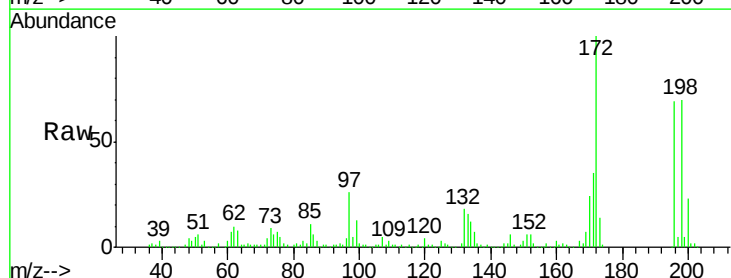
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

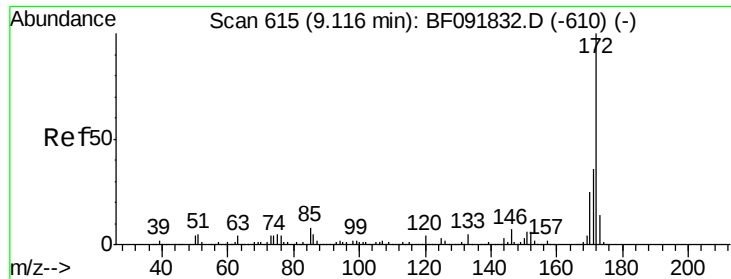
Tgt Ion:196 Resp: 263494
Ion Ratio Lower Upper
196 100
198 99.3 82.1 123.1
200 31.1 27.0 40.4



#43
2,4,5-Trichlorophenol
Concen: 36.08 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.08 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion:196 Resp: 256727
Ion Ratio Lower Upper
196 100
198 101.0 79.4 119.2
97 38.1 51.5 77.3#
132 25.5 27.4 41.2#





#44

2-Fluorobiphenyl

Concen: 110.96 ng

RT: 8.92 min Scan# 624

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

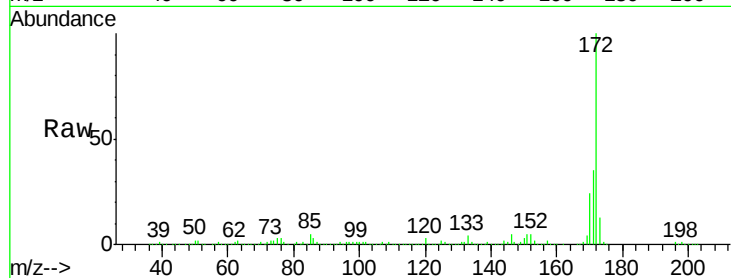
BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion:172 Resp: 2043797

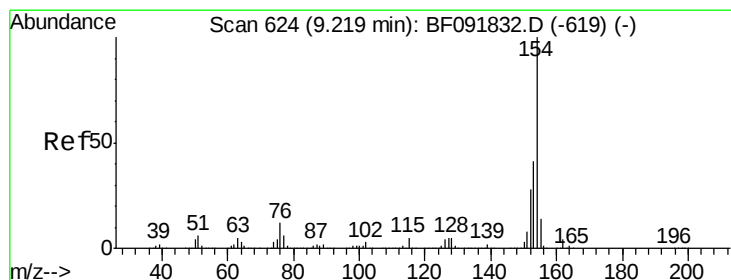
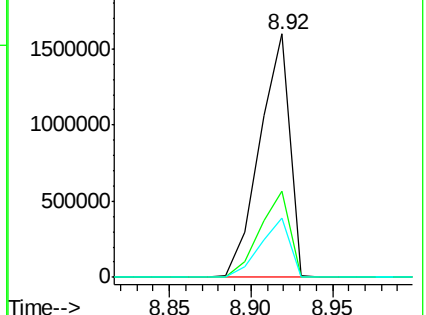
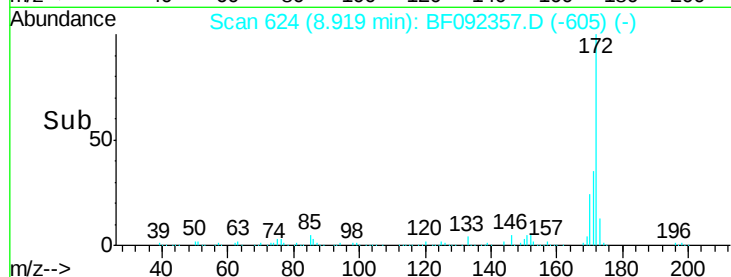
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	24.2	20.2	30.4



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: 40.50 ng

RT: 9.01 min Scan# 632

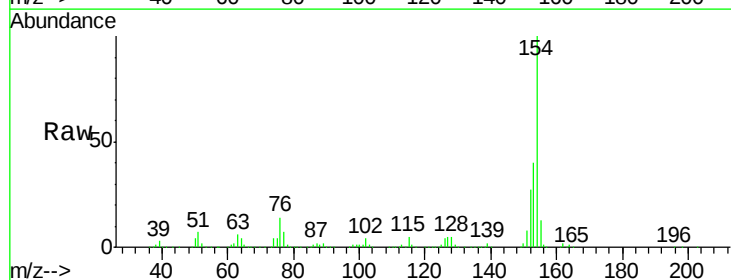
Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Tgt Ion:154 Resp: 1085186

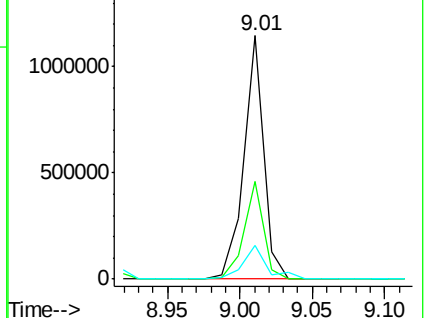
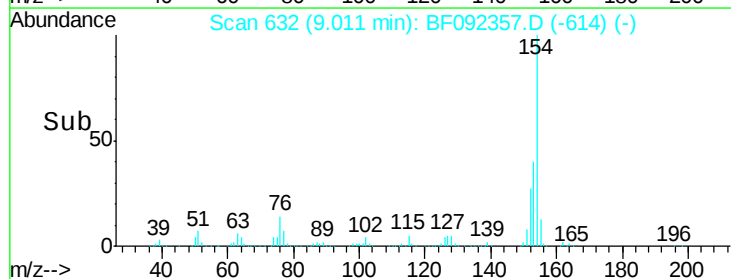
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	13.6	0.0	30.5

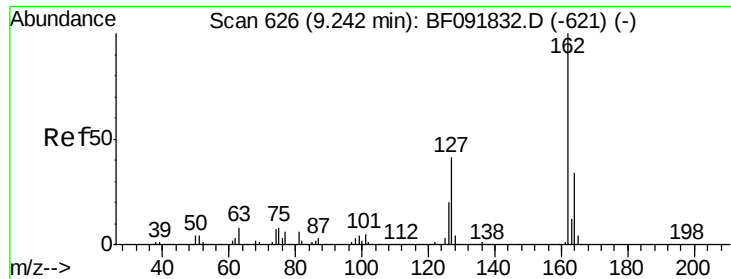


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

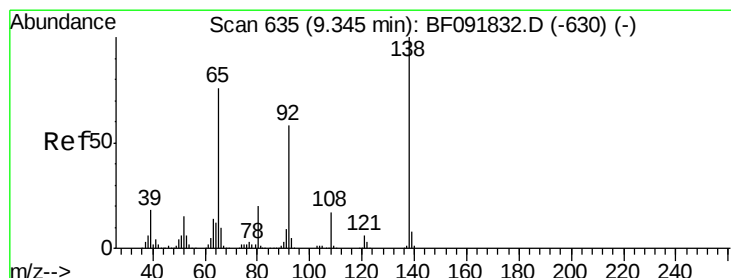
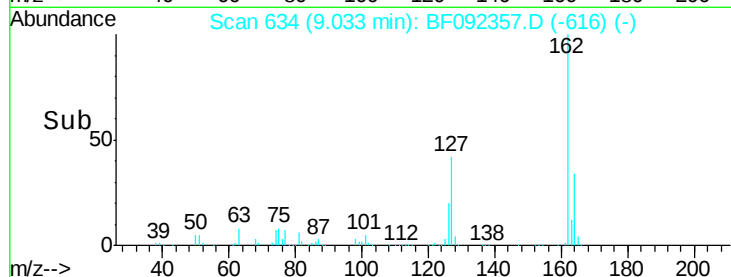
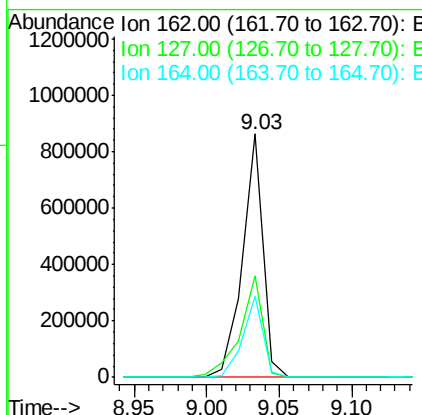
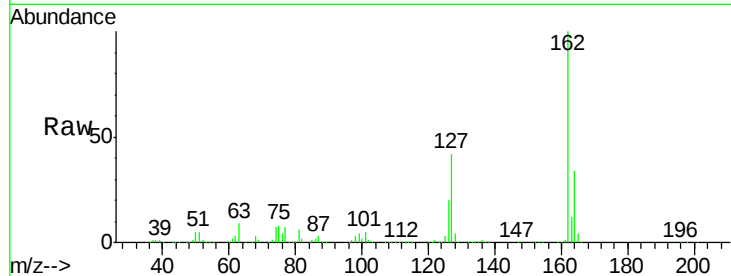




#46
2-Chloronaphthalene
Concen: 39.65 ng
RT: 9.03 min Scan# 634
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

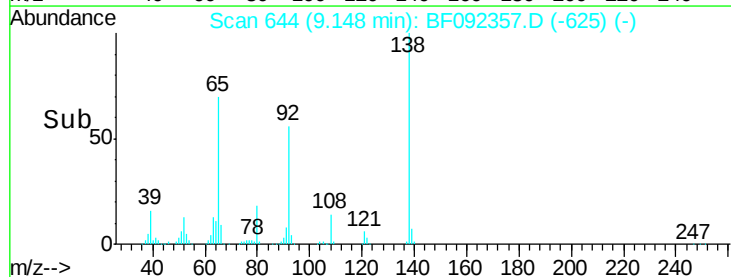
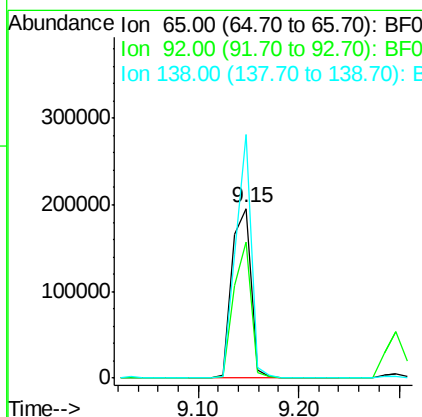
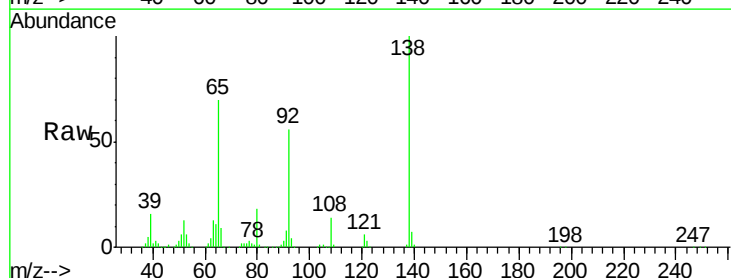
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

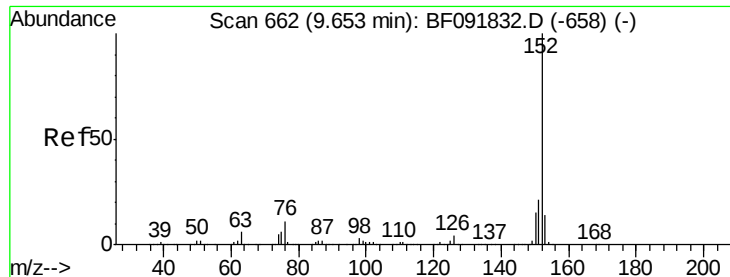
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.7	46.1
164	33.5	27.6	41.4



#47
2-Nitroaniline
Concen: 34.48 ng
RT: 9.15 min Scan# 644
Delta R.T. -0.09 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.5	53.9	80.9
138	143.5	76.8	115.2





#48

Acenaphthylene

Concen: 49.08 ng

RT: 9.44 min Scan# 670

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

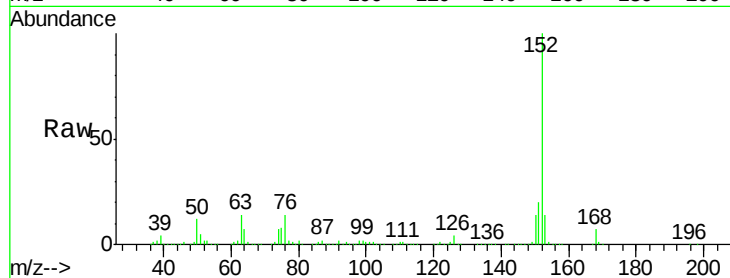
Tgt Ion:152 Resp: 1601470

Ion Ratio Lower Upper

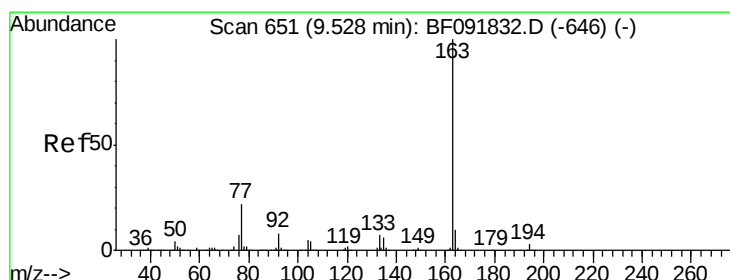
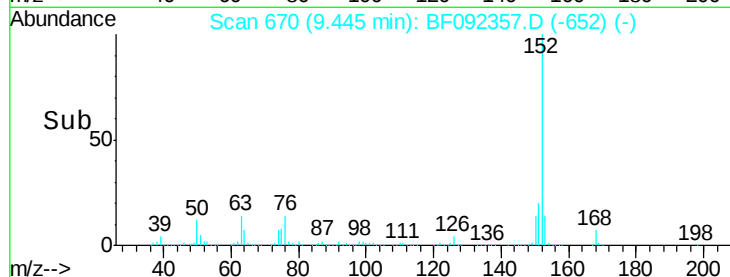
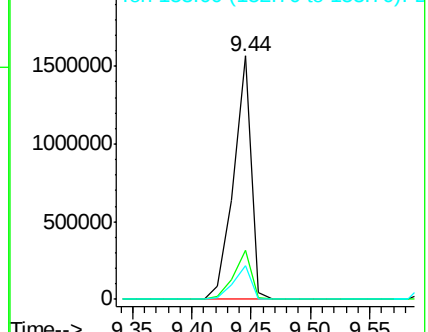
152 100

151 20.4 16.9 25.3

153 14.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.71 ng

RT: 9.33 min Scan# 660

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

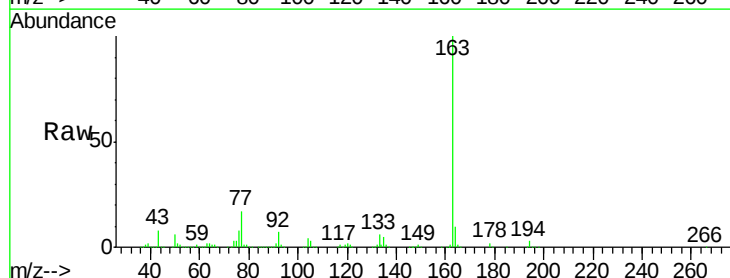
Tgt Ion:163 Resp: 1118992

Ion Ratio Lower Upper

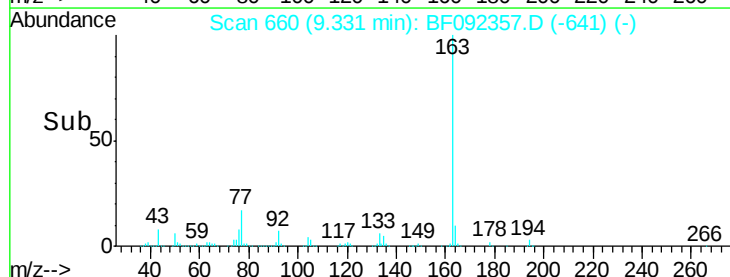
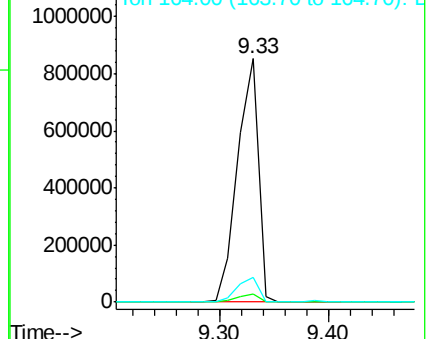
163 100

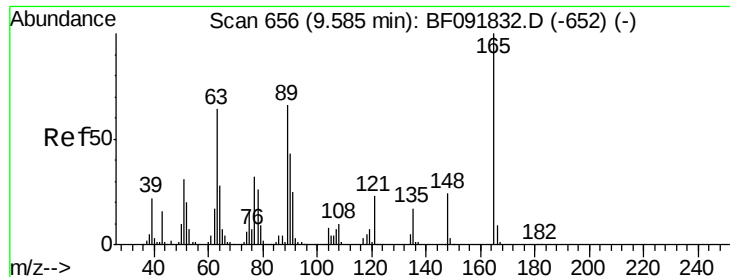
194 3.5 3.0 4.4

164 9.9 8.0 12.0



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

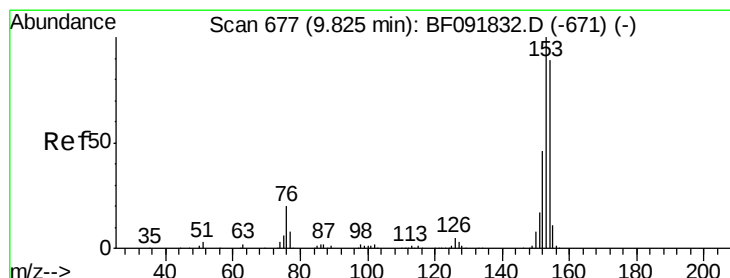
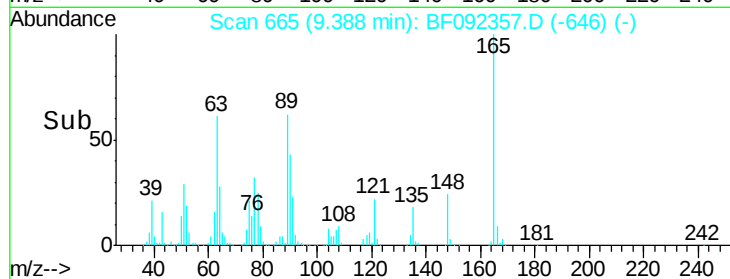
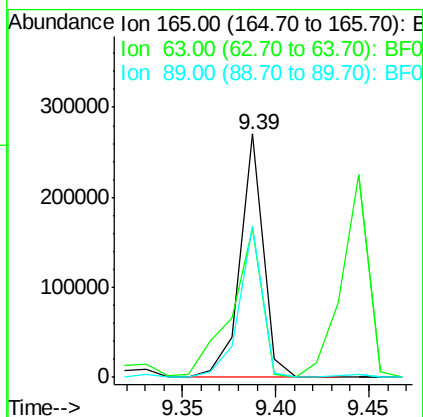
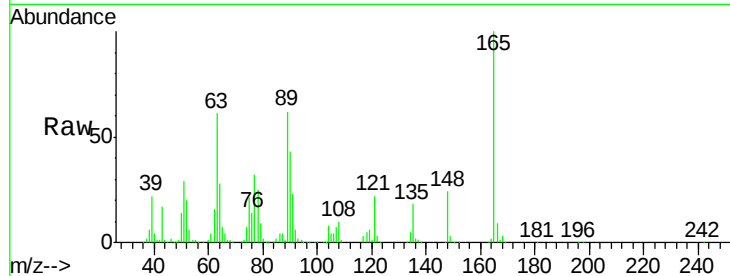




#50
2,6-Dinitrotoluene
Concen: 43.06 ng
RT: 9.39 min Scan# 665
Delta R.T. -0.09 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

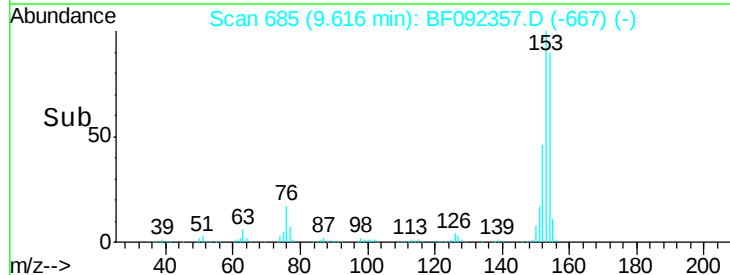
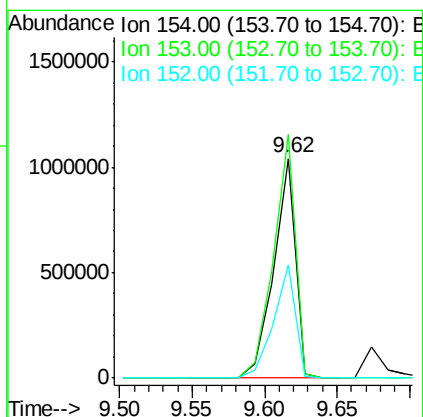
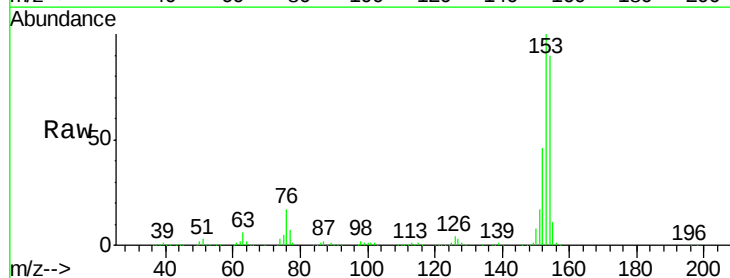
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

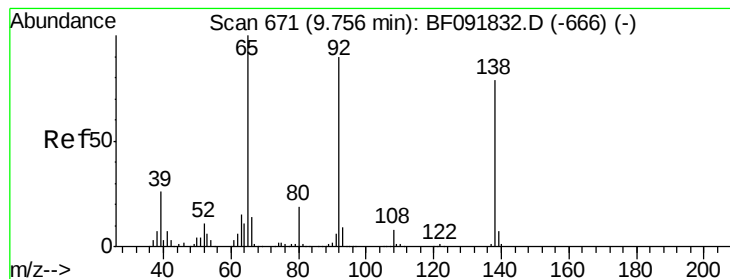
Tgt Ion:165 Resp: 235848
Ion Ratio Lower Upper
165 100
63 61.0 36.2 54.4#
89 62.1 40.2 60.4#



#51
Acenaphthene
Concen: 49.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion:154 Resp: 1084082
Ion Ratio Lower Upper
154 100
153 110.7 88.6 133.0
152 51.2 41.6 62.4





#52

3-Nitroaniline

Concen: 7.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

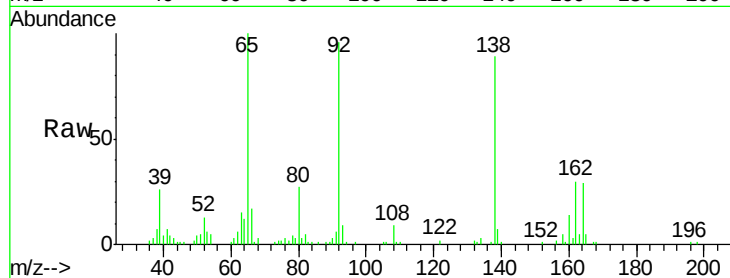
Tgt Ion:138 Resp: 47431

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

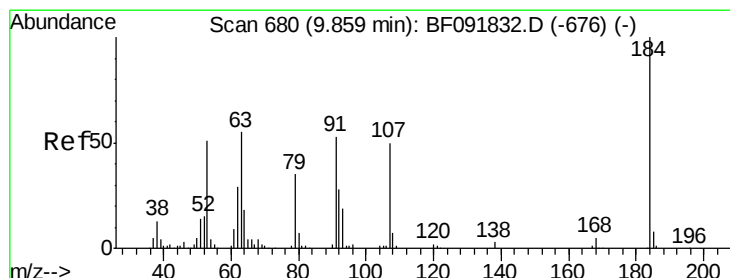
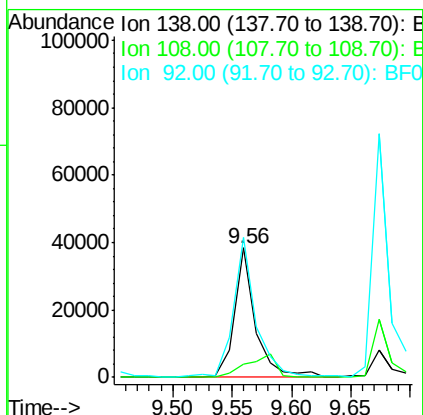
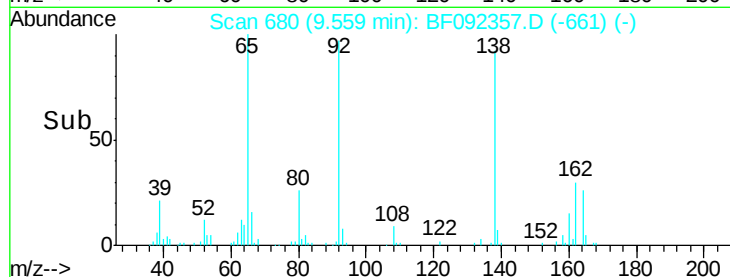
92 107.8 97.8 146.8



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): E



#53

2,4-Dinitrophenol

Concen: 102.18 ng

RT: 9.67 min Scan# 690

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

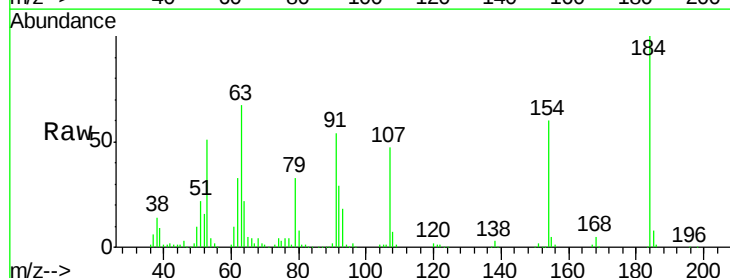
Tgt Ion:184 Resp: 311420

Ion Ratio Lower Upper

184 100

63 66.6 28.4 42.6#

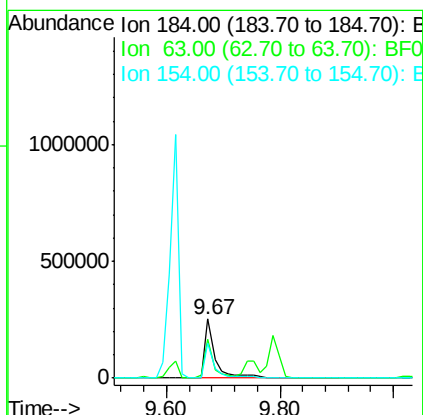
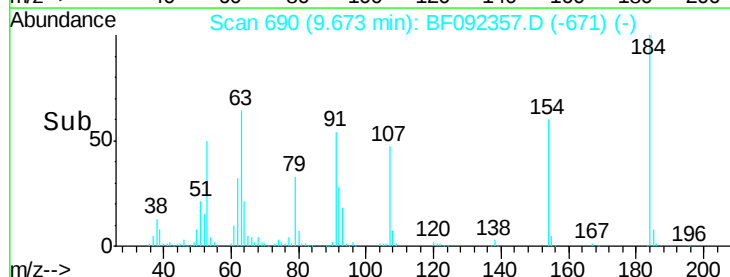
154 59.7 44.3 66.5

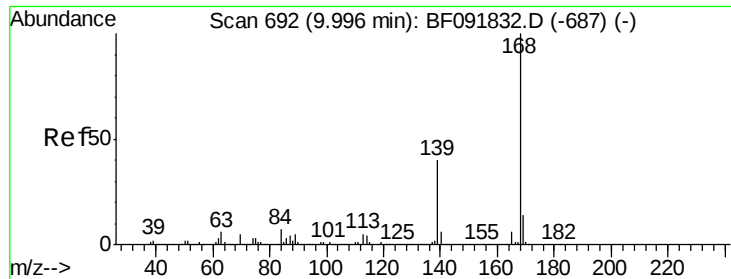


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

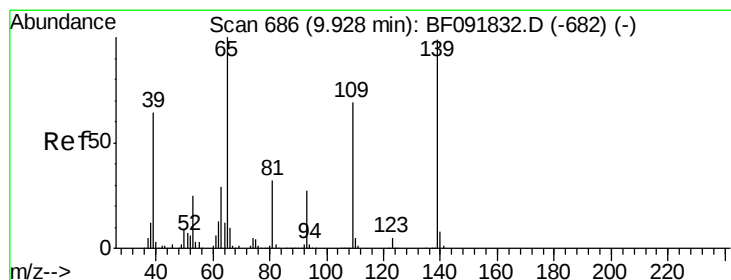
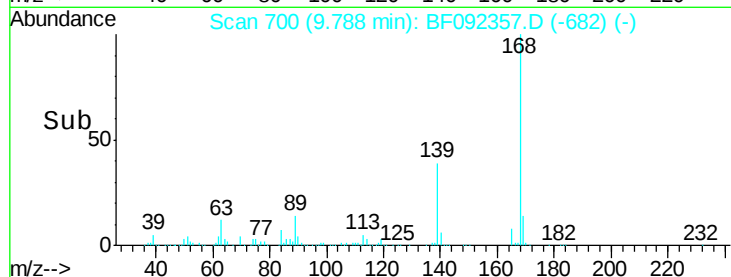
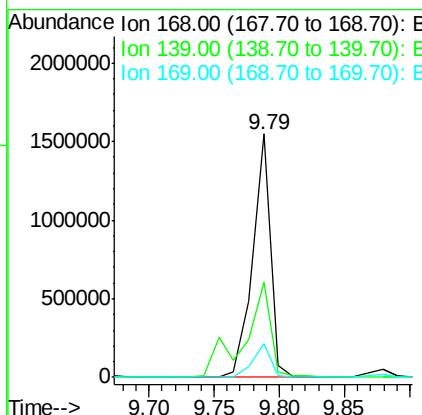
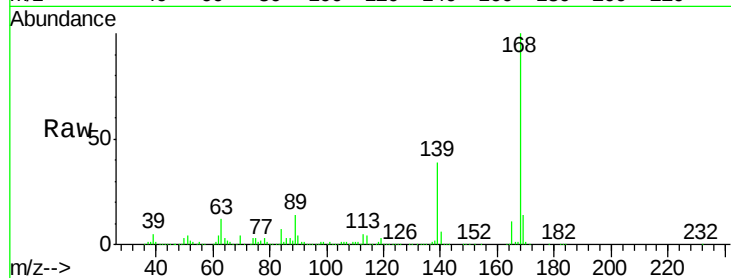




#54
Dibenzofuran
Concen: 49.32 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

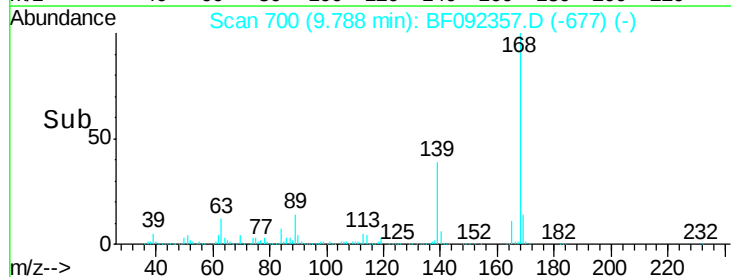
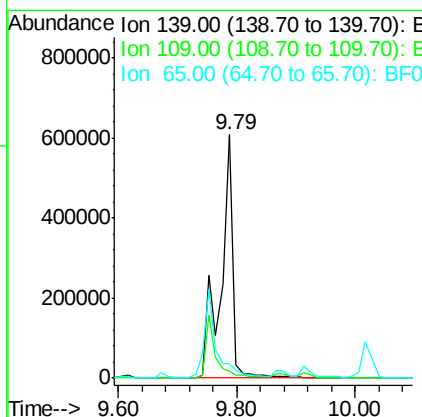
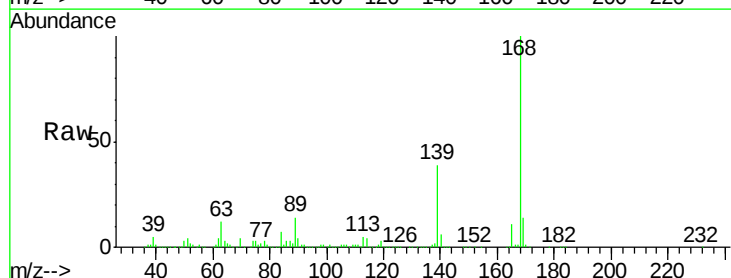
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

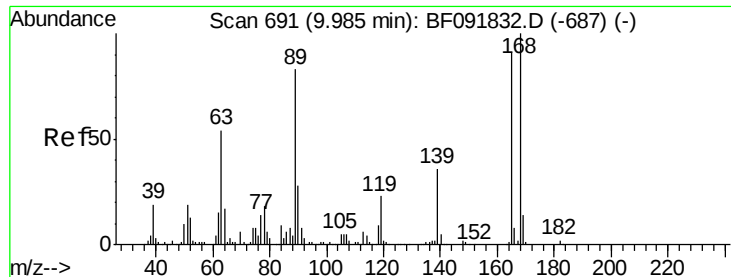
Tgt Ion:168 Resp: 1473417
Ion Ratio Lower Upper
168 100
139 39.3 32.6 49.0
169 13.7 11.3 16.9



#55
4-Nitrophenol
Concen: 195.50 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.04 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion:139 Resp: 899856
Ion Ratio Lower Upper
139 100
109 2.6 52.2 92.2#
65 5.7 85.8 125.8#

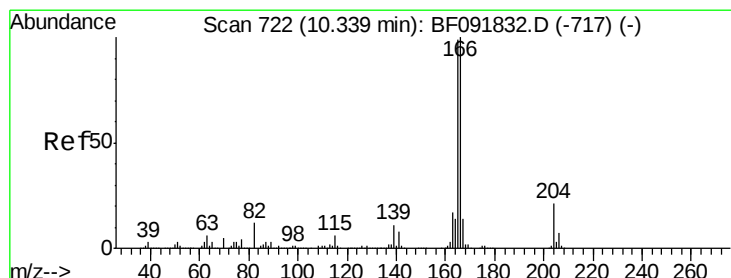
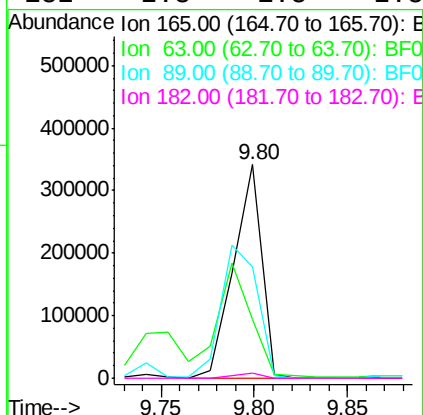
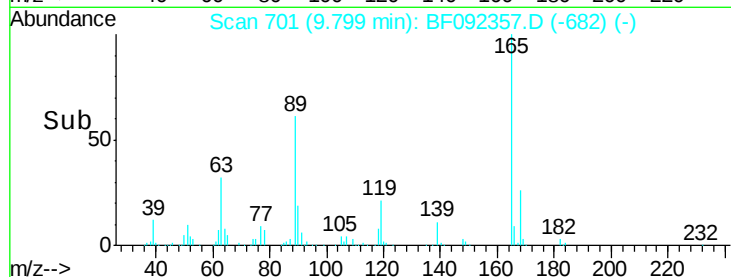
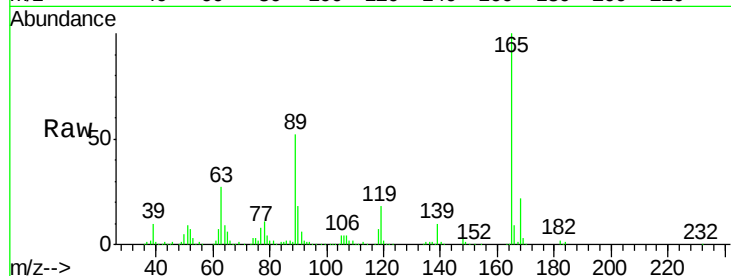




#56
2,4-Dinitrotoluene
Concen: 52.63 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.09 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

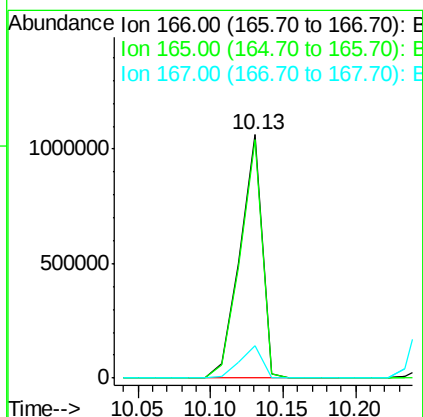
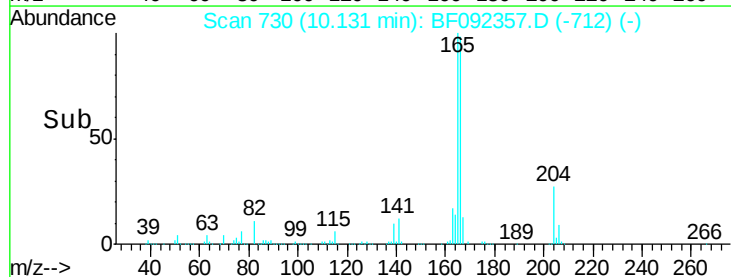
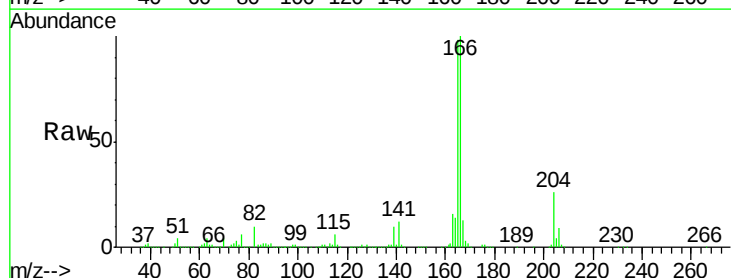
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

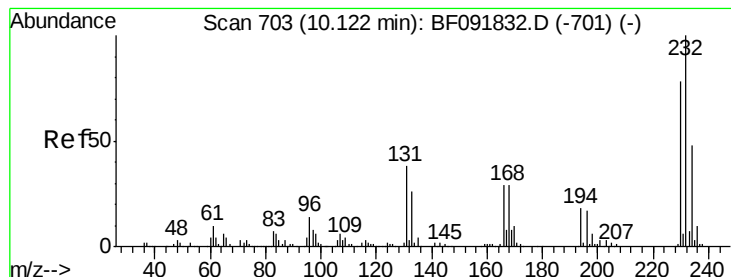
Tgt Ion:165 Resp: 361864
Ion Ratio Lower Upper
165 100
63 27.4 40.2 60.4#
89 52.4 62.5 93.7#
182 2.3 1.8 2.8



#57
Fluorene
Concen: 51.93 ng
RT: 10.13 min Scan# 730
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion:166 Resp: 1128677
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 13.4 10.8 16.2





#58

2,3,4,6-Tetrachlorophenol

Concen: 49.83 ng

RT: 9.92 min Scan# 712

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion:232 Resp: 280428

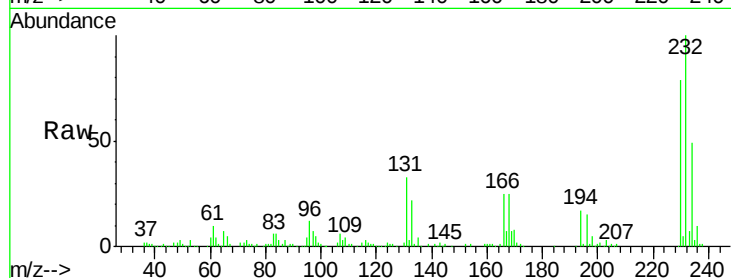
Ion Ratio Lower Upper

232 100

131 45.8 40.1 60.1

130 2.1 1.8 2.8

166 29.1 26.6 39.8

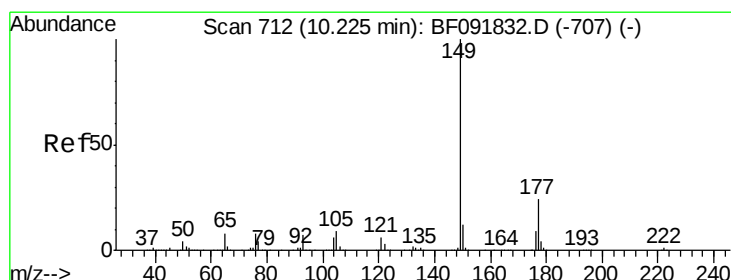
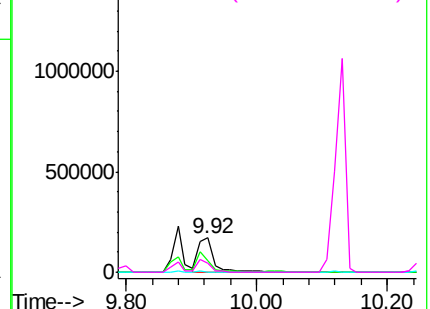
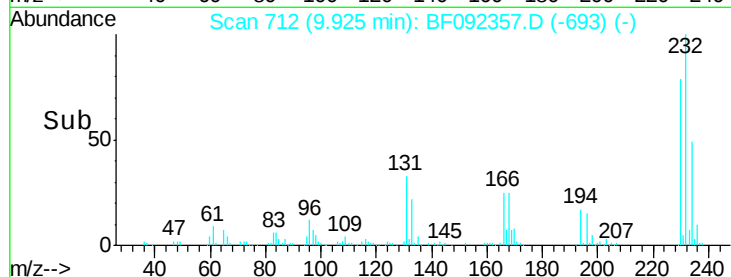


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.25 ng

RT: 10.03 min Scan# 721

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

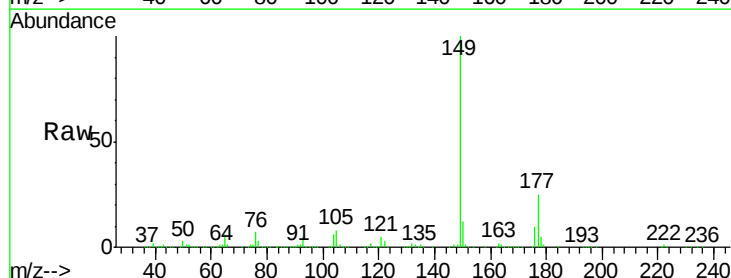
Tgt Ion:149 Resp: 1245602

Ion Ratio Lower Upper

149 100

177 24.8 16.6 25.0

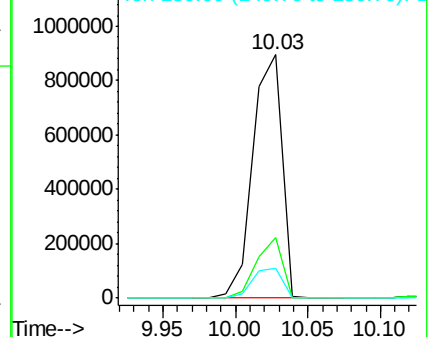
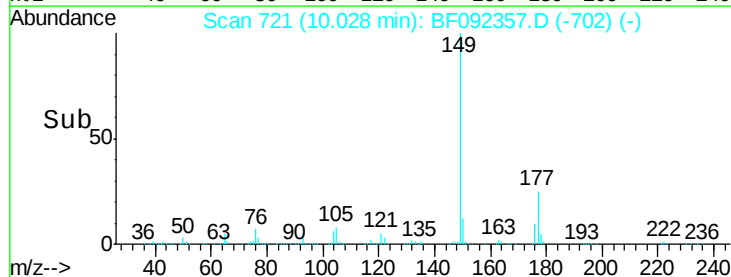
150 12.2 10.4 15.6

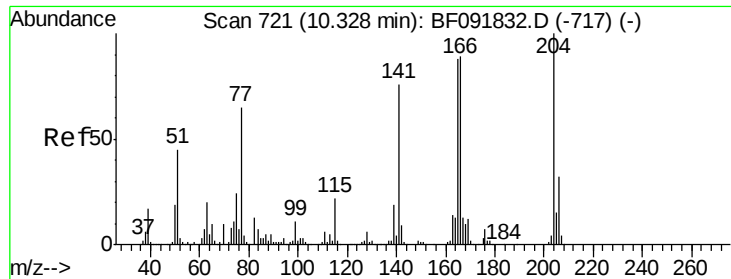


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

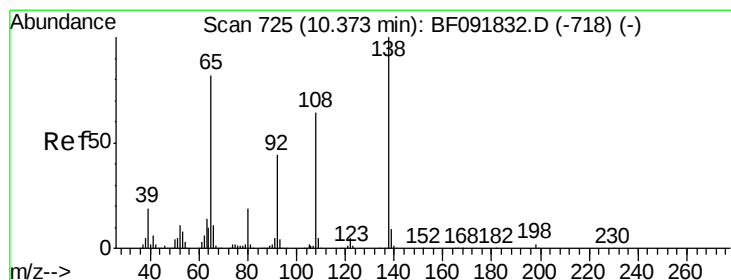
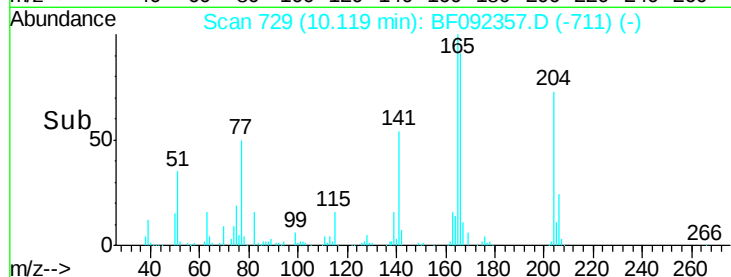
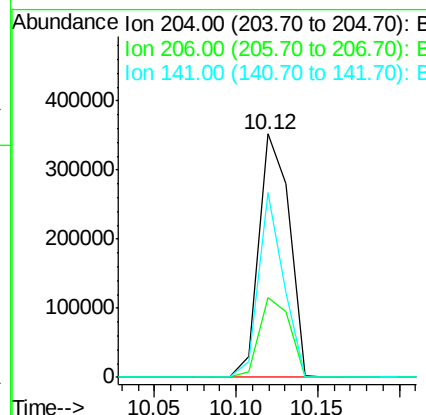
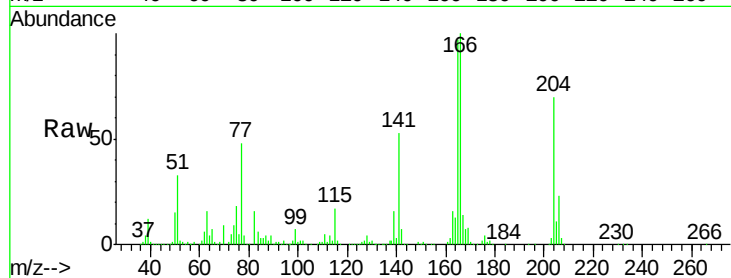




#60
 4-Chlorophenyl-phenylether
 Concen: 47.88 ng
 RT: 10.12 min Scan# 729
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

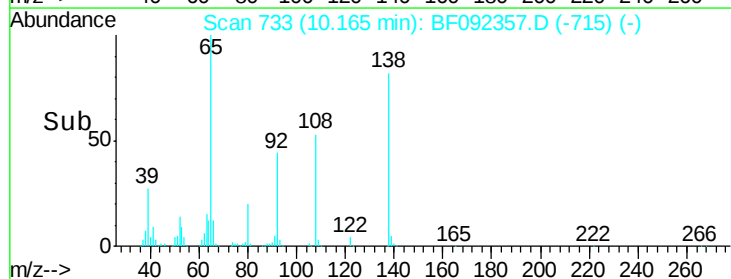
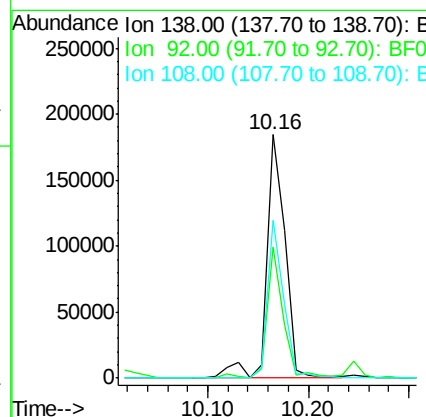
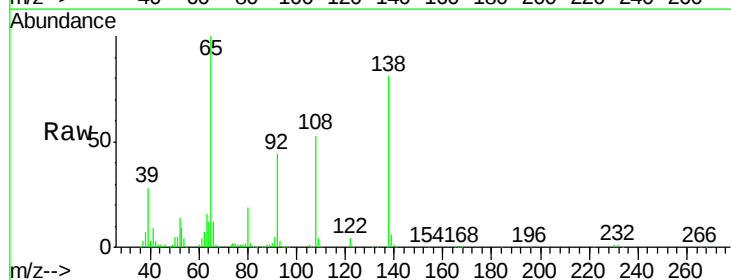
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

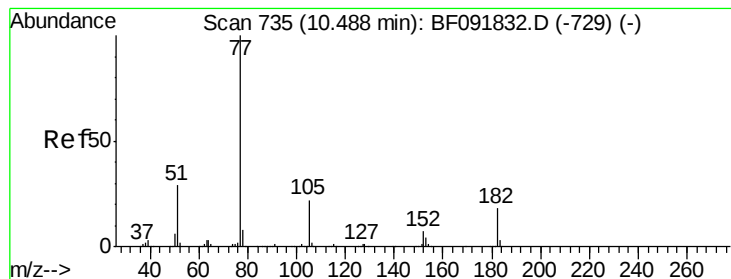
Tgt Ion:204 Resp: 455678
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.8 38.6
 141 75.9 59.4 89.0



#61
 4-Nitroaniline
 Concen: 33.18 ng
 RT: 10.16 min Scan# 733
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Tgt Ion:138 Resp: 233078
 Ion Ratio Lower Upper
 138 100
 92 53.7 31.7 71.7
 108 65.0 52.6 92.6





#62

Azobenzene

Concen: 49.49 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion: 77 Resp: 1324381

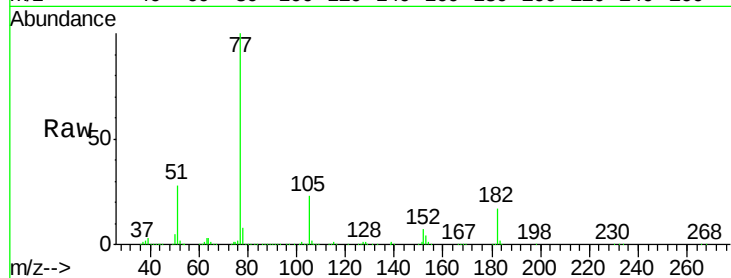
Ion Ratio Lower Upper

77 100

182 17.3 0.0 39.3

105 22.8 2.3 42.3

51 28.0 8.9 48.9

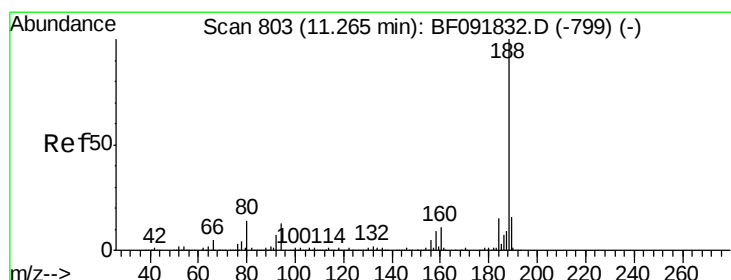
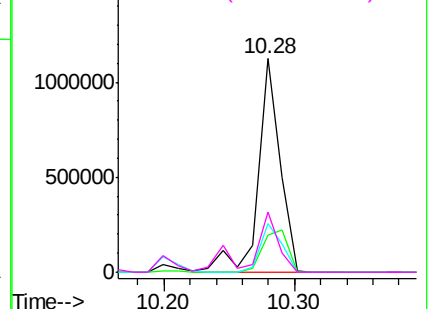
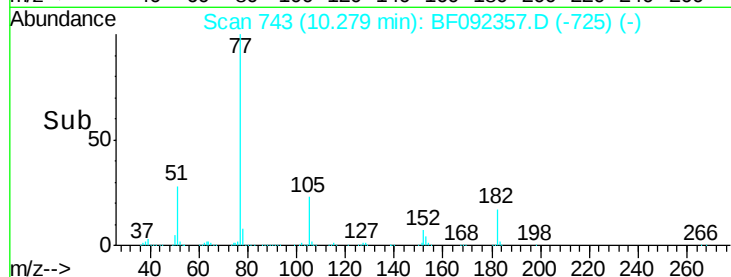


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.06 min Scan# 811

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

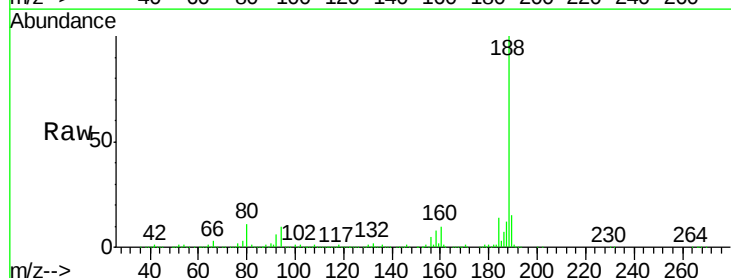
Tgt Ion: 188 Resp: 574505

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

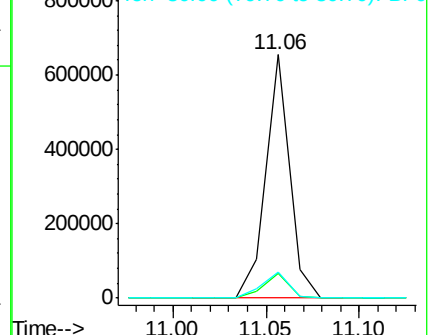
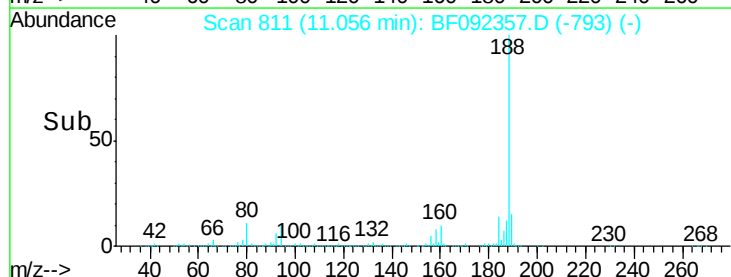
80 10.8 11.2 16.8#

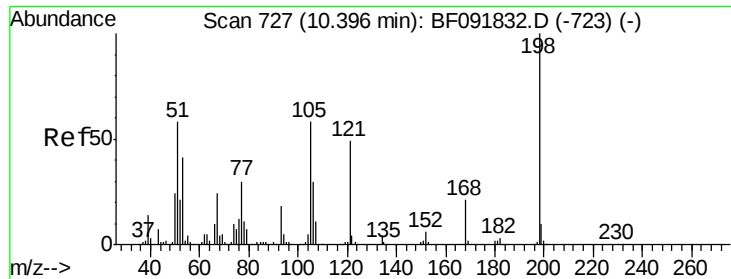


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

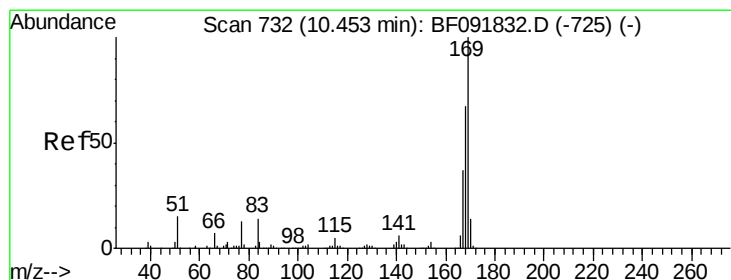
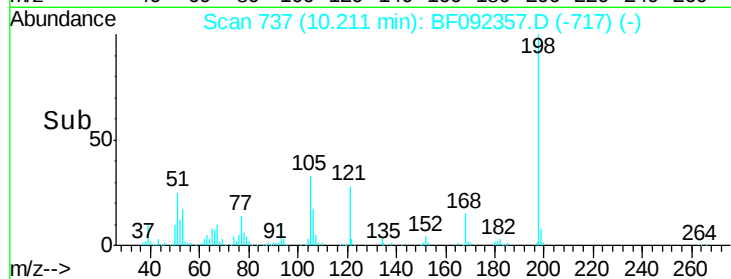
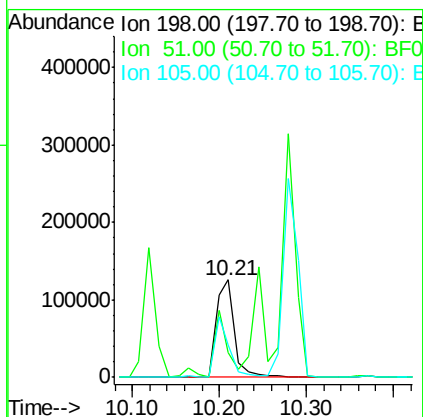
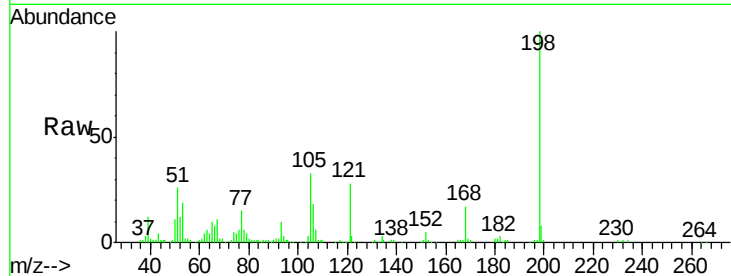




#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.54 ng
 RT: 10.21 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

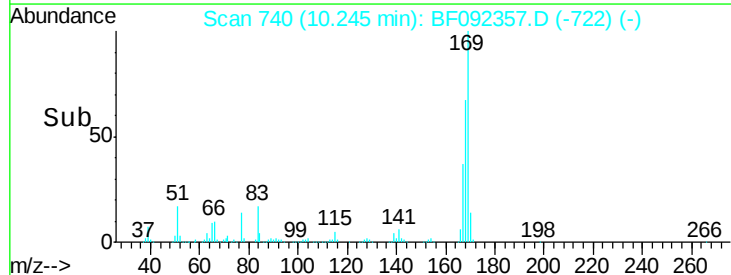
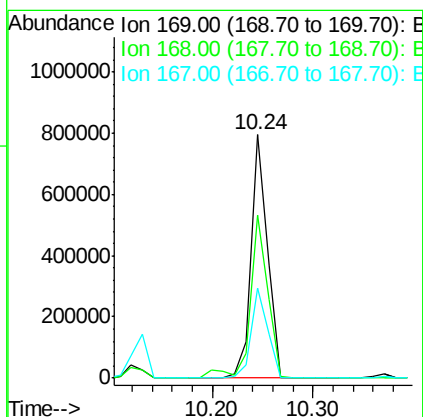
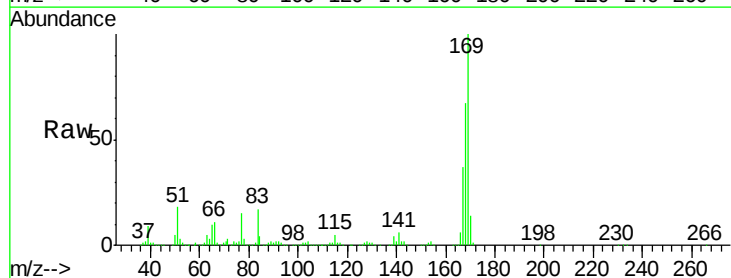
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

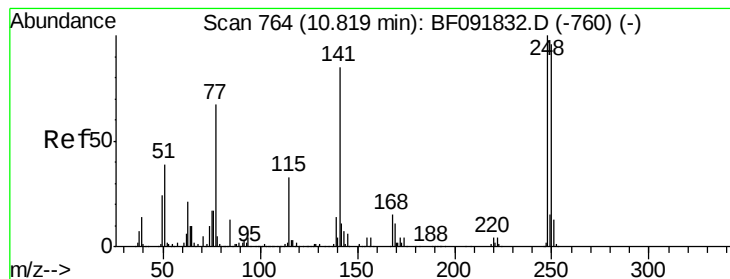
Tgt Ion:198 Resp: 185992
 Ion Ratio Lower Upper
 198 100
 51 25.8 6.7 46.7
 105 32.9 16.6 56.6



#65
 n-Nitrosodiphenylamine
 Concen: 52.64 ng
 RT: 10.24 min Scan# 740
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Tgt Ion:169 Resp: 897305
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.2 81.2
 167 36.9 30.2 45.4





#66

4-Bromophenyl-phenylether

Concen: 57.83 ng

RT: 10.61 min Scan# 772

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

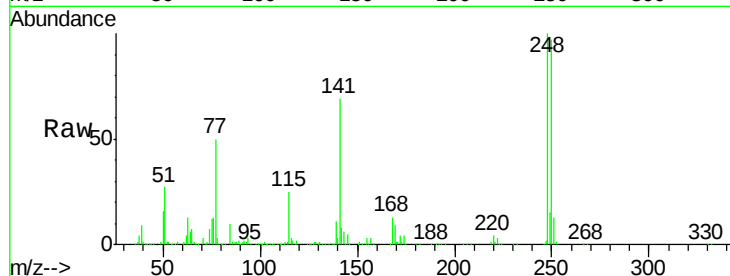
Tgt Ion:248 Resp: 345580

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

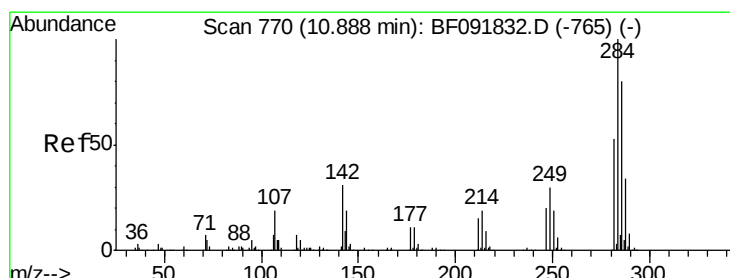
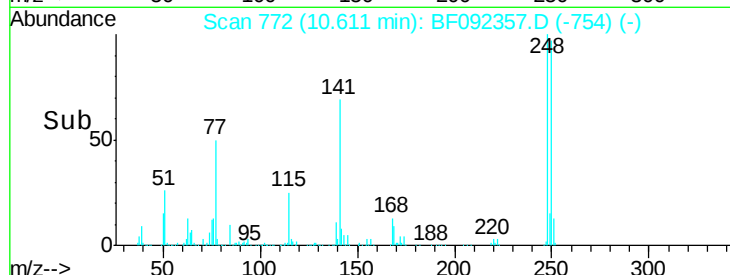
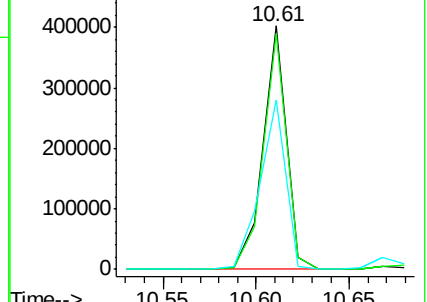
141 69.4 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 53.76 ng

RT: 10.68 min Scan# 778

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

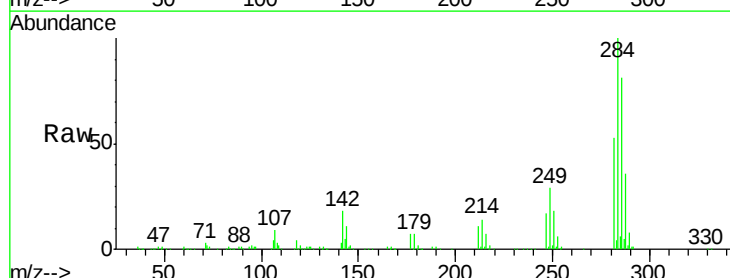
Tgt Ion:284 Resp: 343390

Ion Ratio Lower Upper

284 100

142 18.2 22.6 33.8#

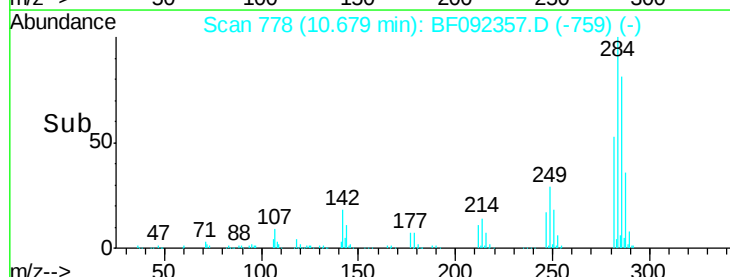
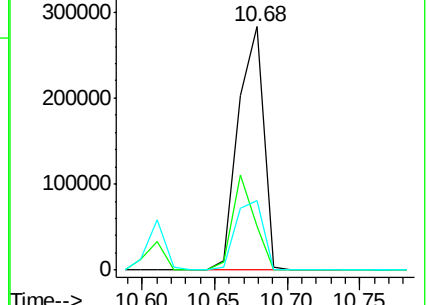
249 28.6 25.4 38.0

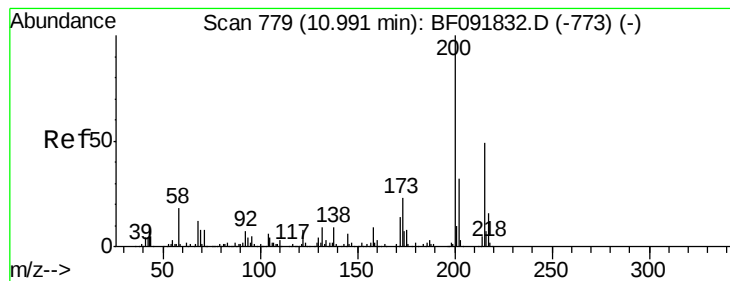


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 42.55 ng

RT: 10.78 min Scan# 787

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

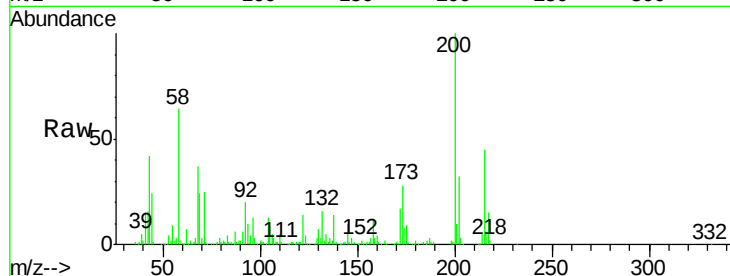
Tgt Ion:200 Resp: 233994

Ion Ratio Lower Upper

200 100

173 28.1 9.6 49.6

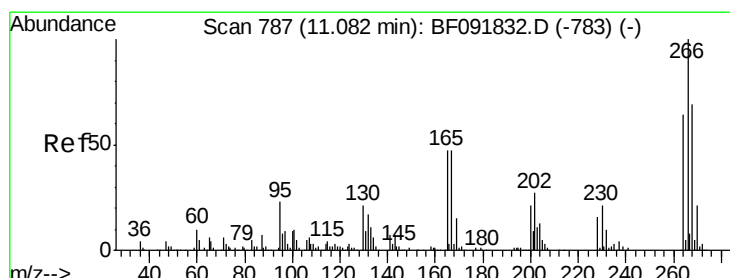
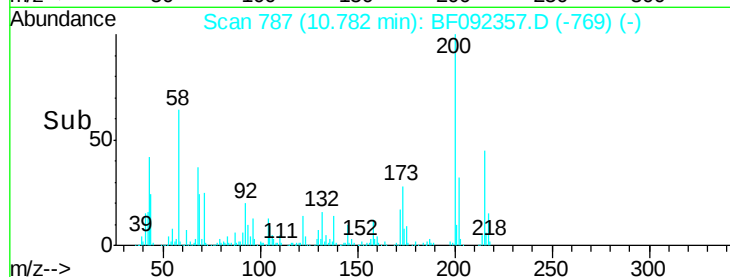
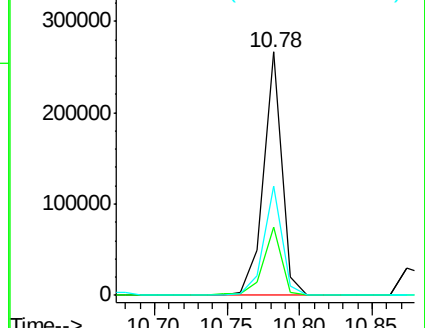
215 44.6 25.7 65.7



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: 88.07 ng

RT: 10.88 min Scan# 796

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

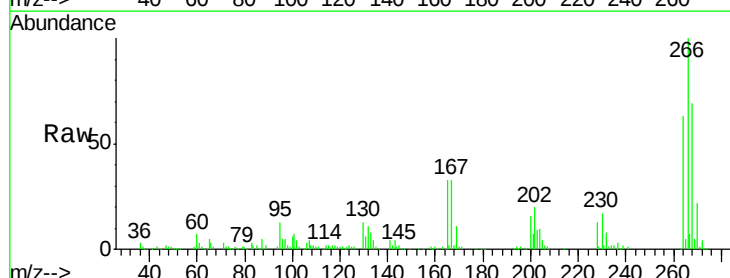
Tgt Ion:266 Resp: 276057

Ion Ratio Lower Upper

266 100

268 68.7 53.3 79.9

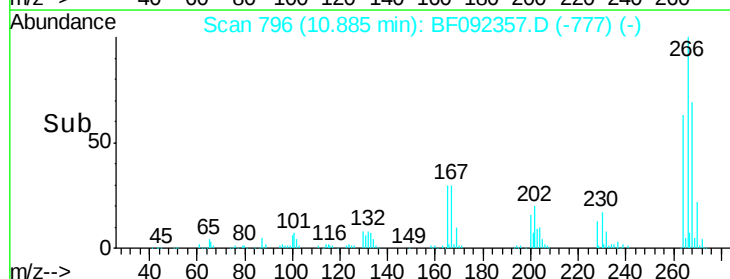
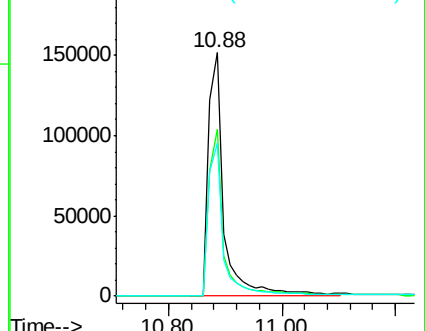
264 62.8 50.3 75.5

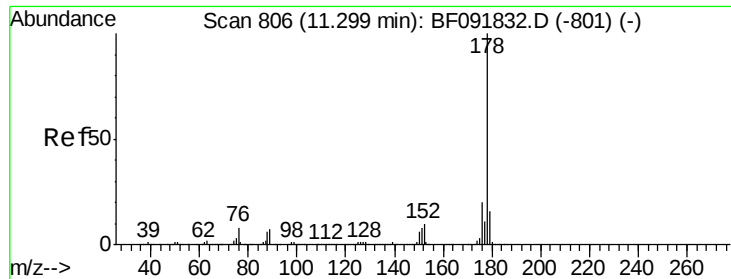


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

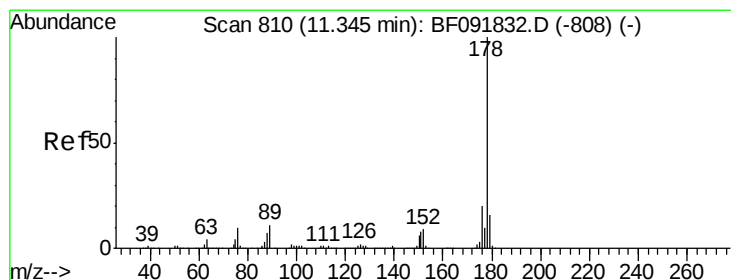
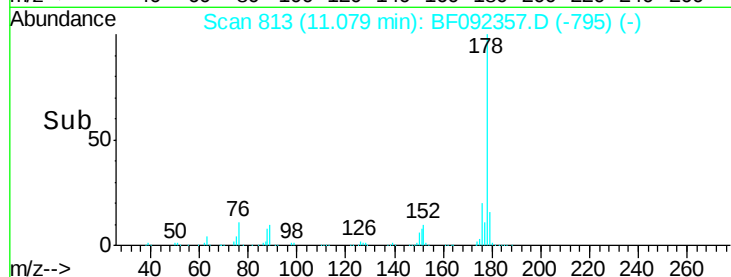
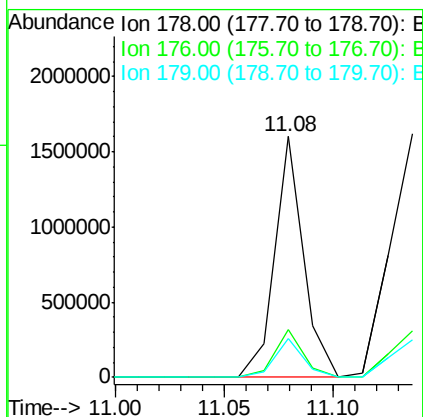
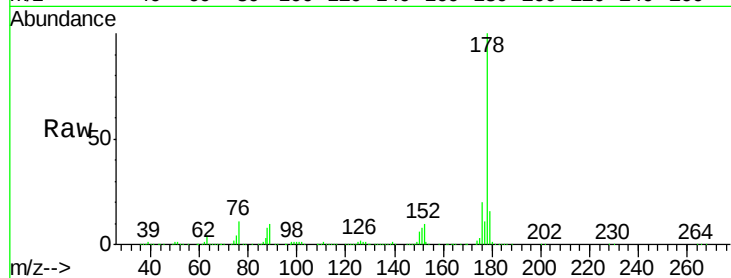




#70
Phenanthrene
Concen: 48.05 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

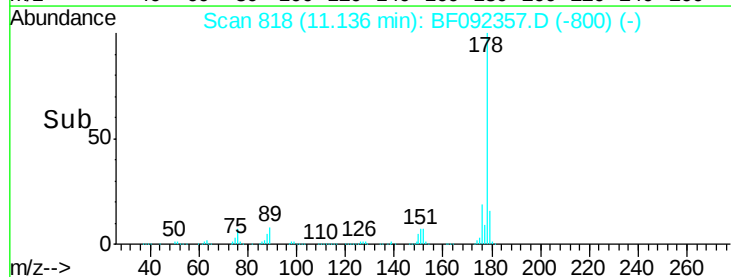
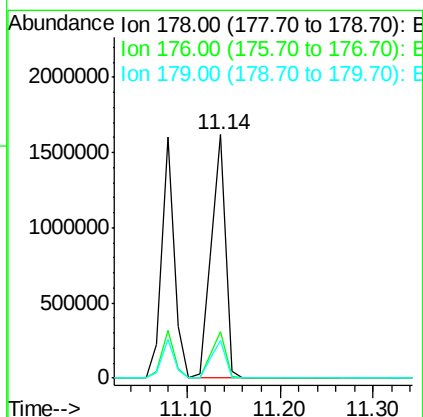
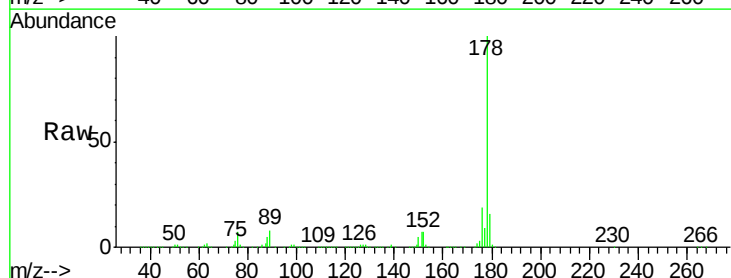
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

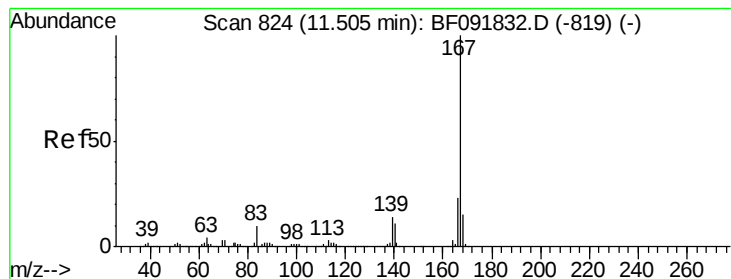
Tgt Ion:178 Resp: 1496840
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 16.0 12.8 19.2



#71
Anthracene
Concen: Below Cal
RT: 11.14 min Scan# 818
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion:178 Resp: 1726675
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.7 13.2 19.8





#72

Carbazole

Concen: Below Cal

RT: 11.30 min Scan# 832

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

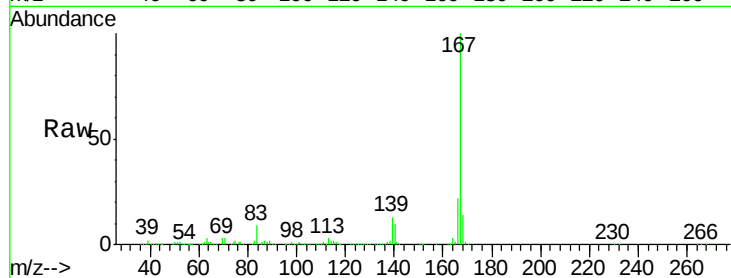
Tgt Ion:167 Resp: 1369264

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

139 13.2 11.4 17.2

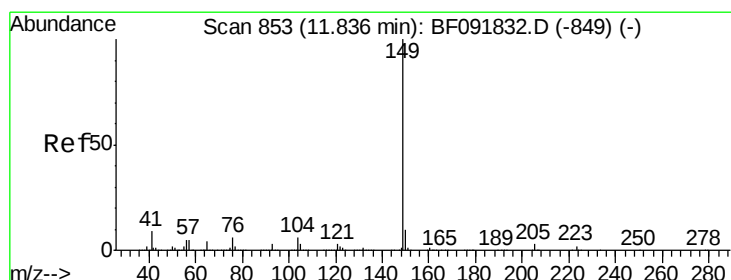
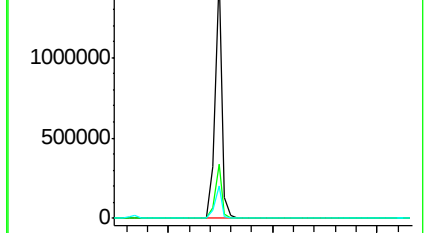
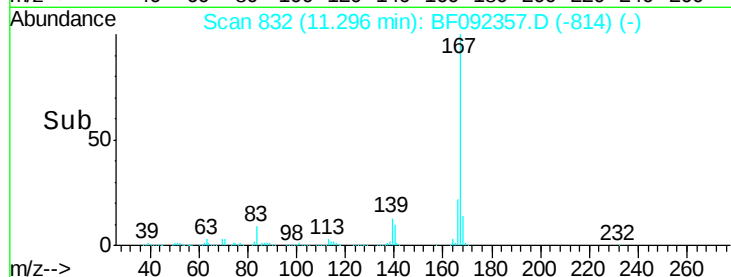


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 66.09 ng

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

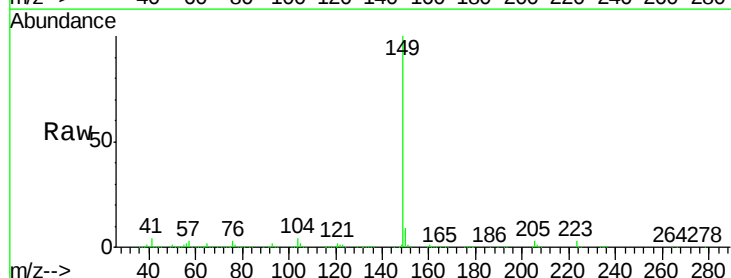
Tgt Ion:149 Resp: 1894128

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

104 3.9 4.6 7.0#

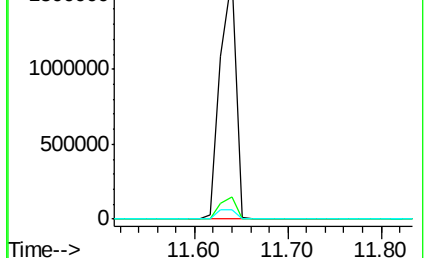
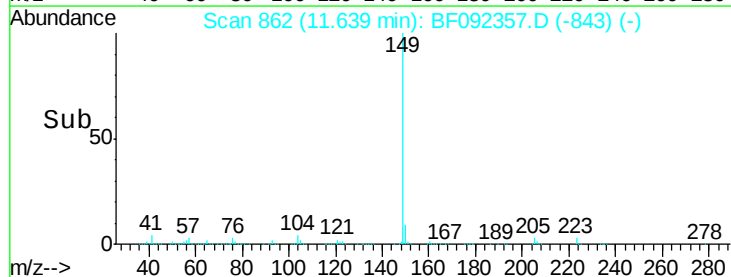


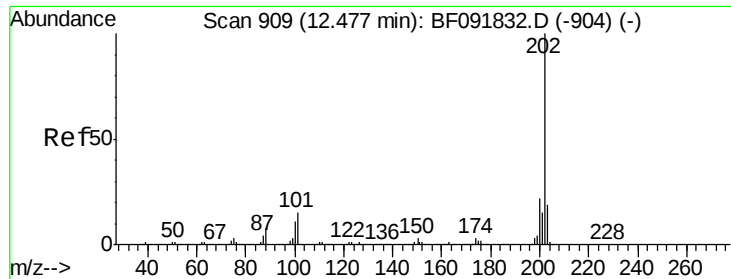
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#74

Fluoranthene

Concen: 51.70 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

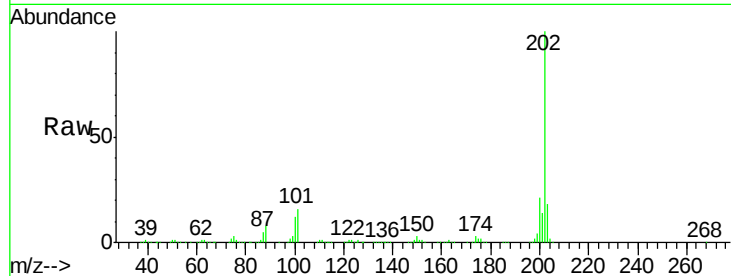
Tgt Ion:202 Resp: 1397428

Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.6

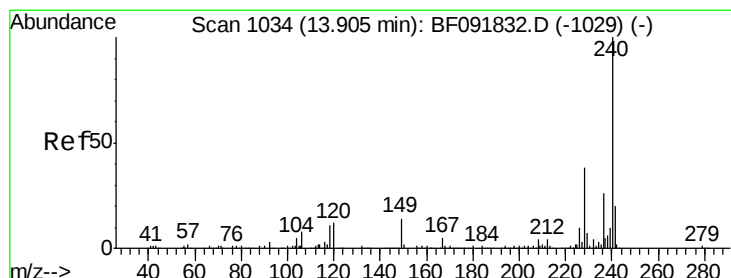
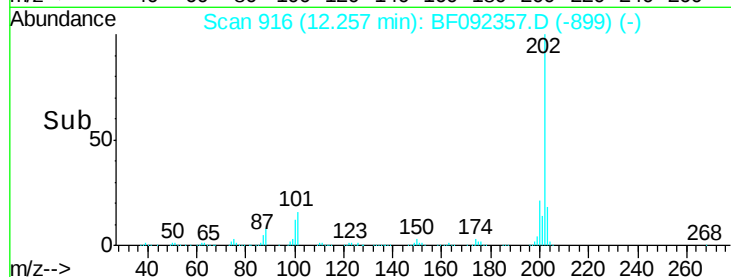
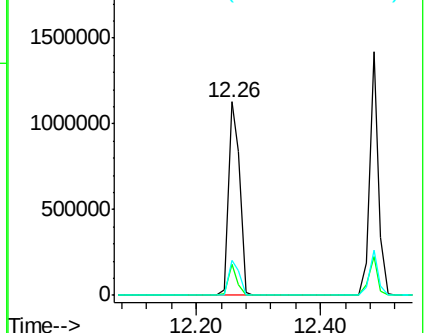
203 18.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

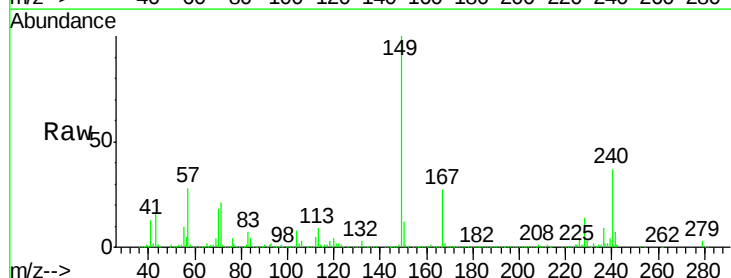
Tgt Ion:240 Resp: 306244

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

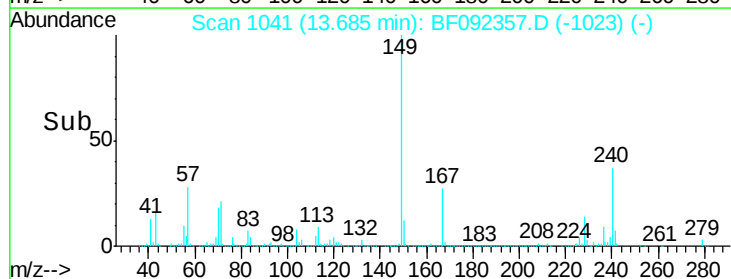
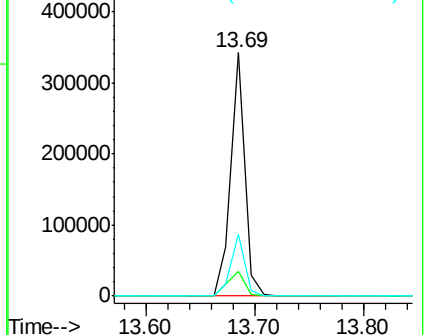
236 25.6 20.9 31.3

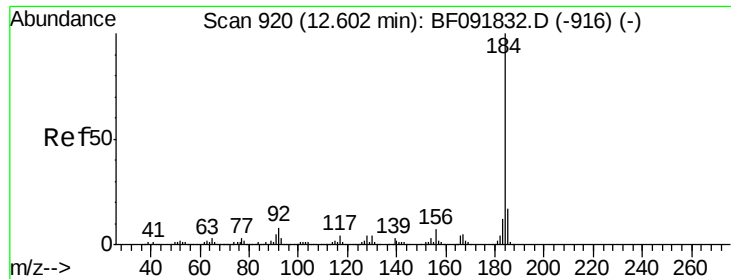


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

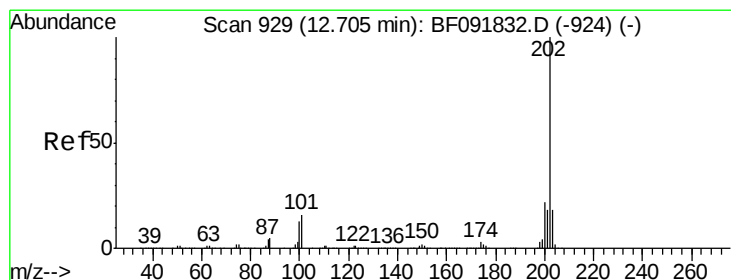
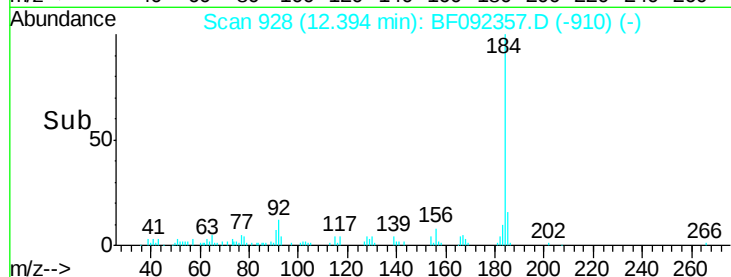
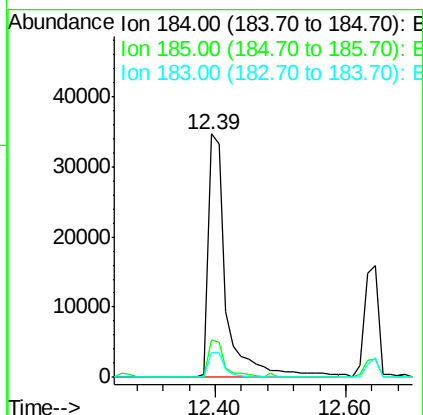
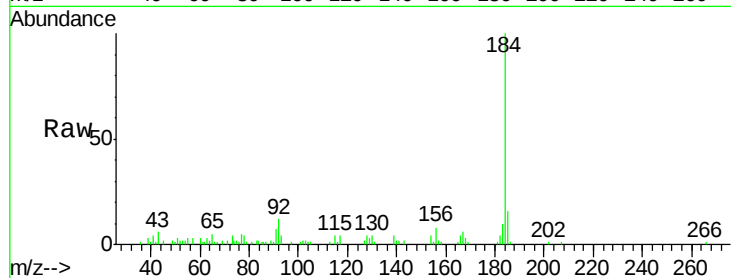




#76
Benzidine
Concen: 5.34 ng
RT: 12.39 min Scan# 928
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

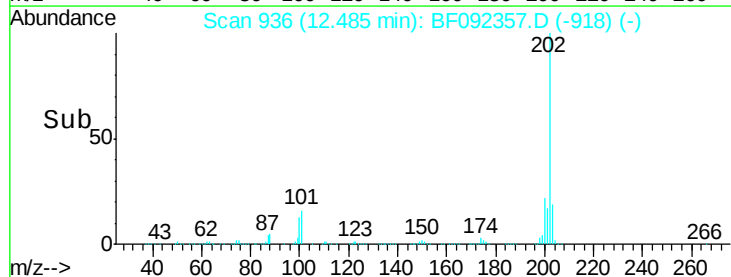
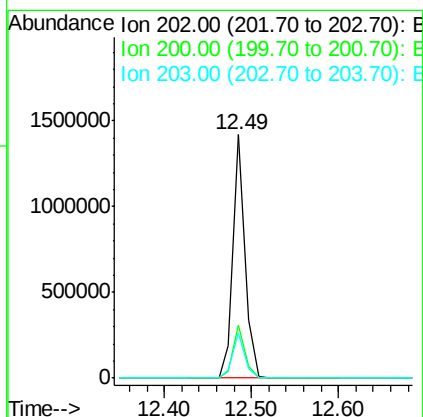
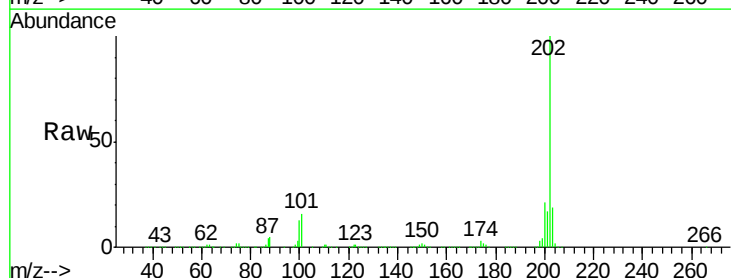
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

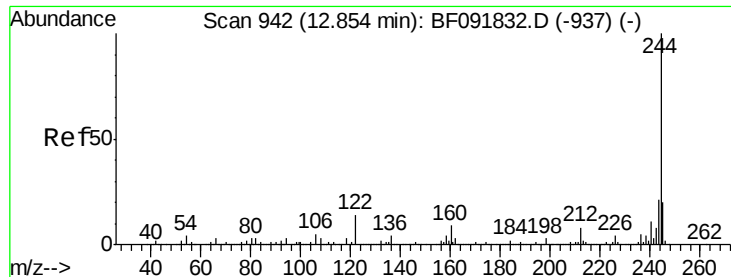
Tgt Ion:184 Resp: 67039
Ion Ratio Lower Upper
184 100
185 15.5 13.4 20.0
183 10.3 9.2 13.8



#77
Pyrene
Concen: 60.10 ng
RT: 12.49 min Scan# 936
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion:202 Resp: 1350409
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 18.5 14.7 22.1

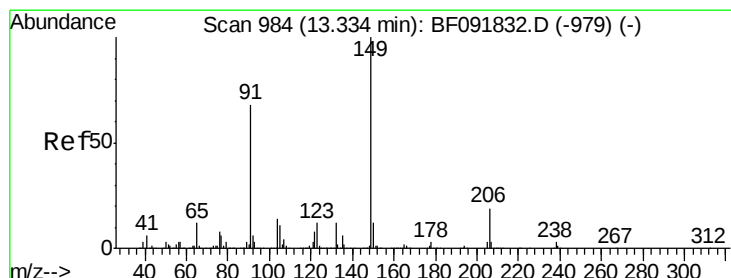
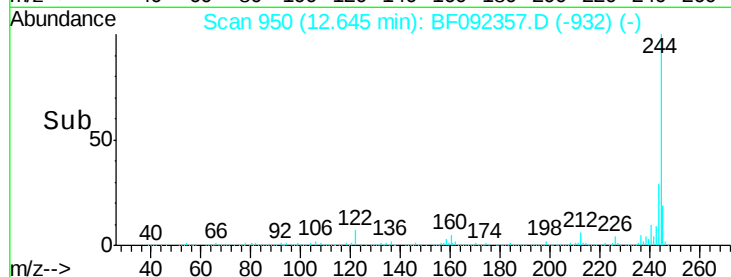
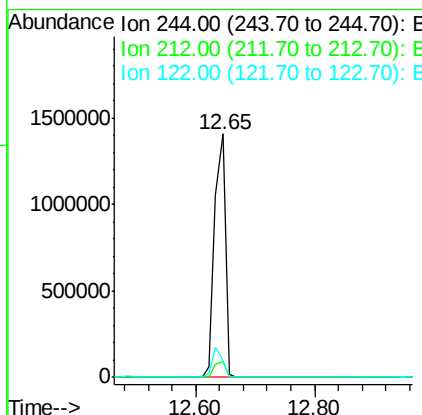
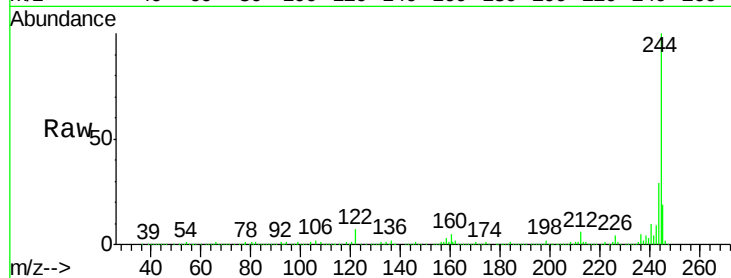




#78
 Terphenyl-d14
 Concen: 138.84 ng
 RT: 12.65 min Scan# 950
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

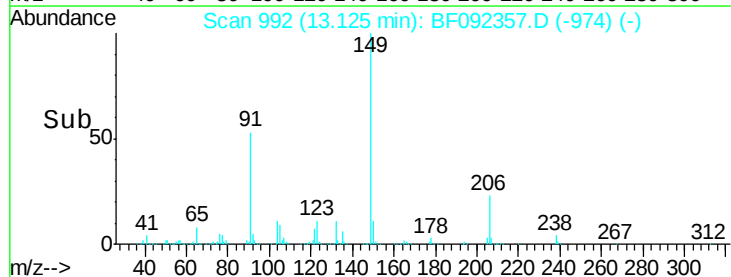
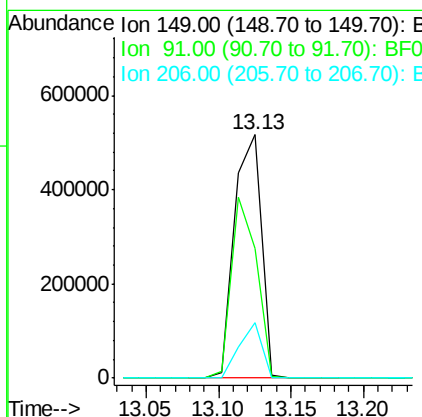
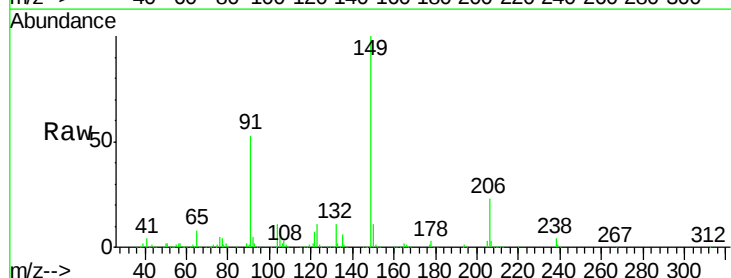
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

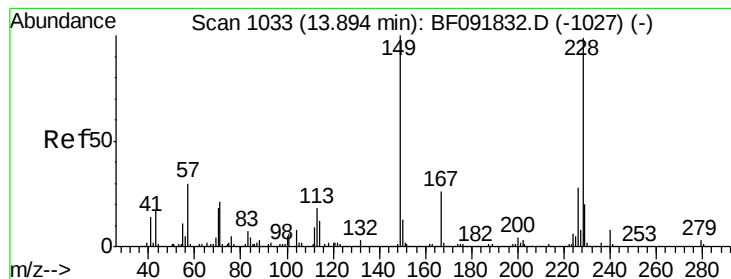
Tgt Ion:244 Resp: 1753192
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.2 9.2
 122 7.2 11.4 17.2#



#79
 Butylbenzylphthalate
 Concen: 65.29 ng
 RT: 13.13 min Scan# 992
 Delta R.T. -0.10 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Tgt Ion:149 Resp: 667191
 Ion Ratio Lower Upper
 149 100
 91 53.5 63.9 95.9#
 206 22.9 14.6 21.8#





#80

Benzo(a)anthracene

Concen: 62.54 ng

RT: 13.67 min Scan# 1040

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

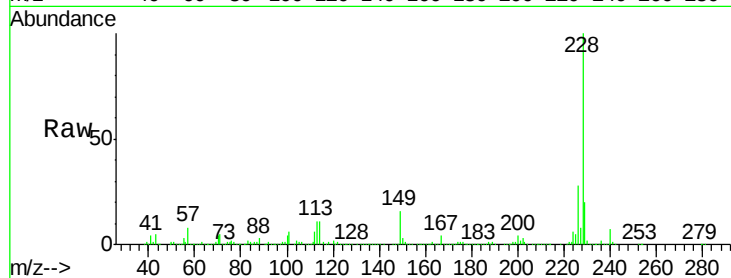
Tgt Ion:228 Resp: 1081096

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

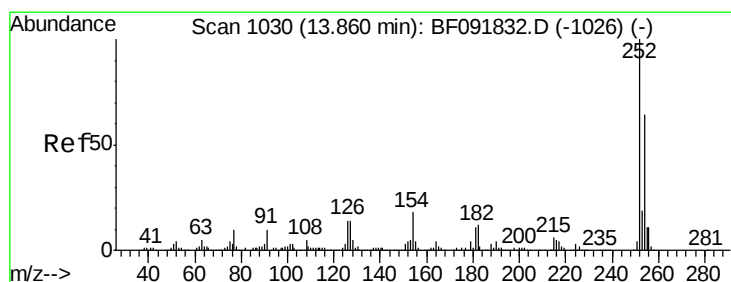
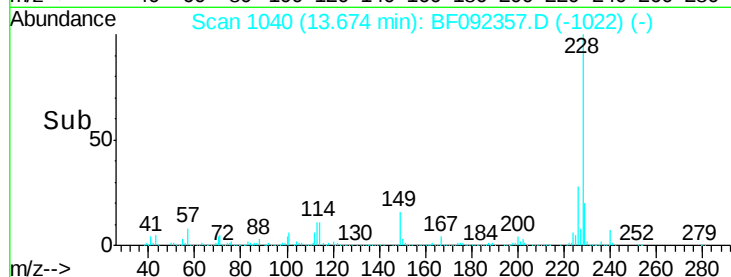
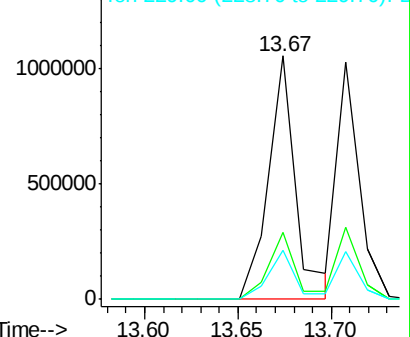
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 17.41 ng

RT: 13.64 min Scan# 1037

Delta R.T. -0.11 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

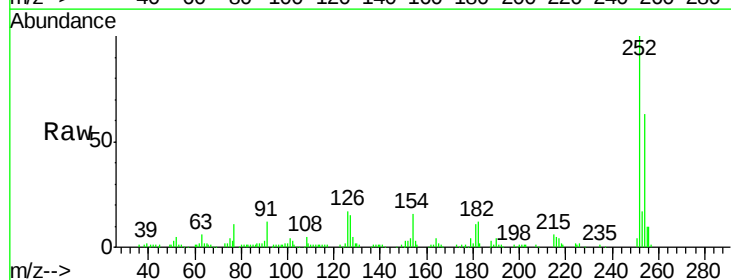
Tgt Ion:252 Resp: 114101

Ion Ratio Lower Upper

252 100

254 63.0 52.3 78.5

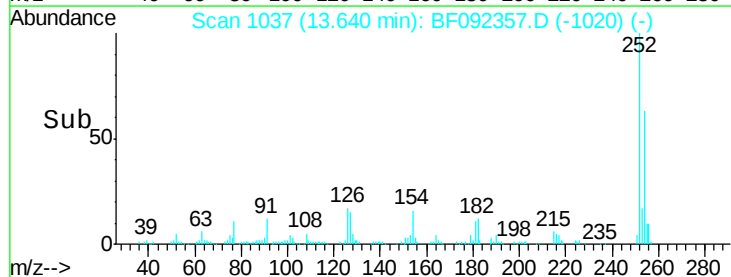
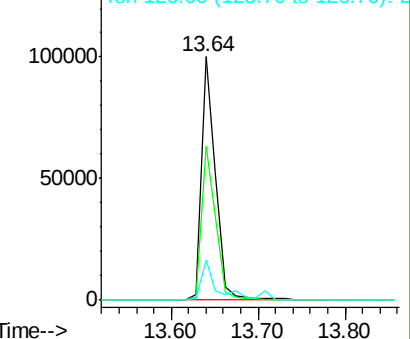
126 16.6 13.6 20.4

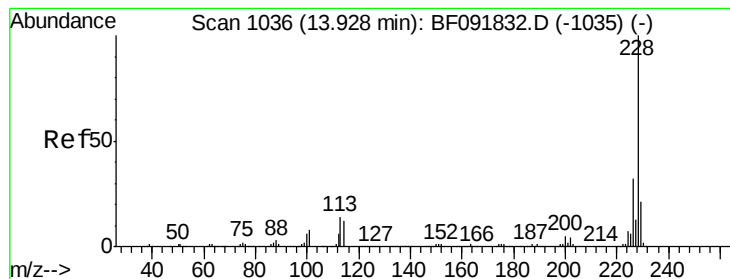


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 50.65 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

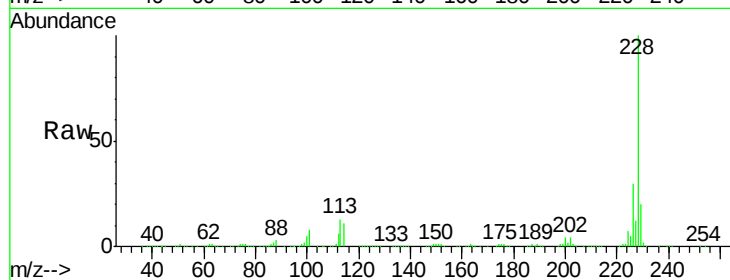
Tgt Ion:228 Resp: 878350

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.0

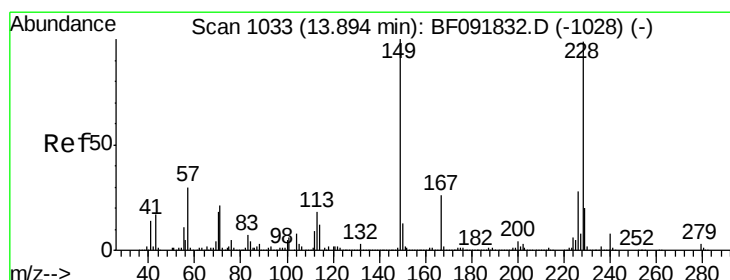
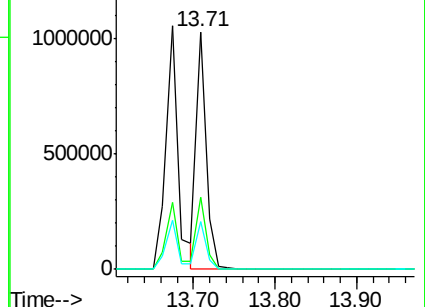
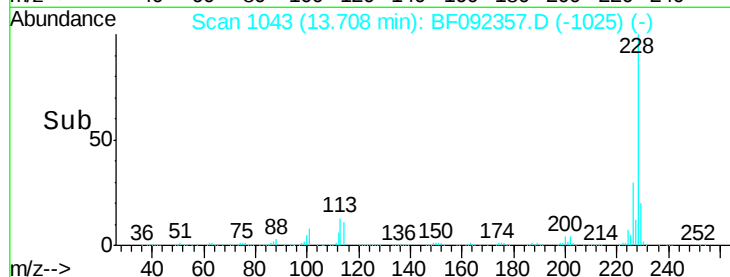
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 69.91 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

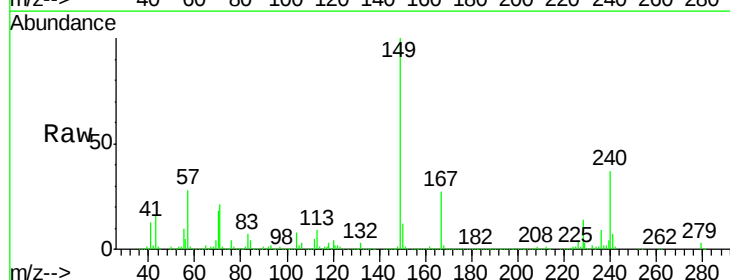
Tgt Ion:149 Resp: 841373

Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

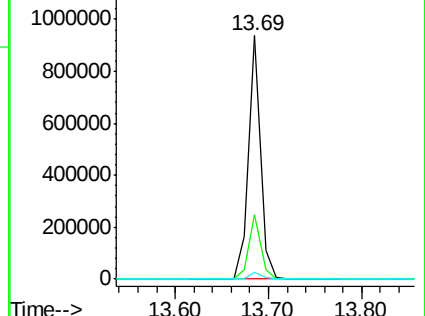
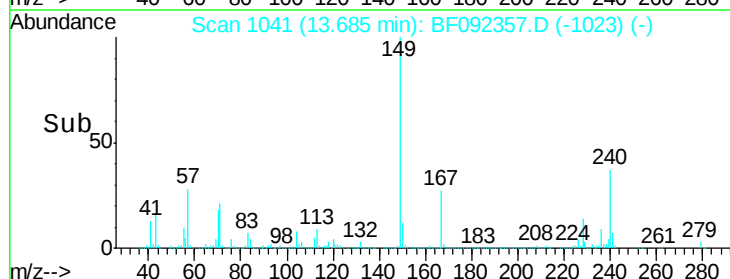
279 2.8 1.8 2.8#

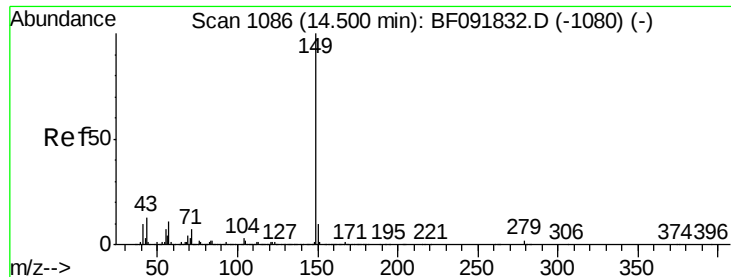


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 61.56 ng

RT: 14.29 min Scan# 1094

Delta R.T. -0.10 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

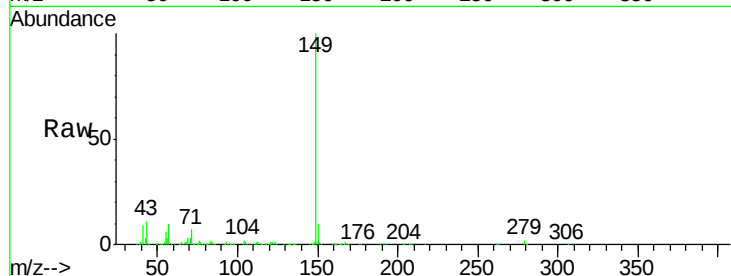
Tgt Ion:149 Resp: 1372346

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

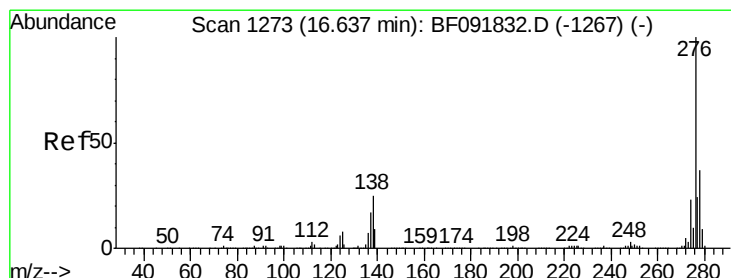
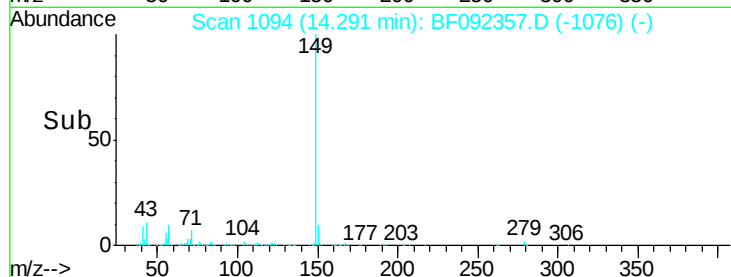
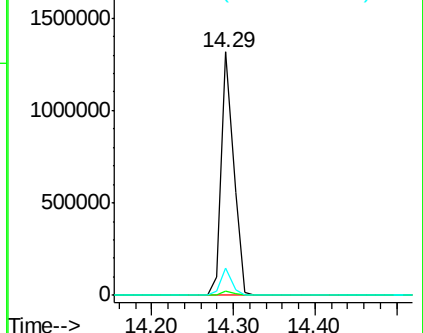
43 10.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 83.03 ng

RT: 16.26 min Scan# 1266

Delta R.T. -0.17 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

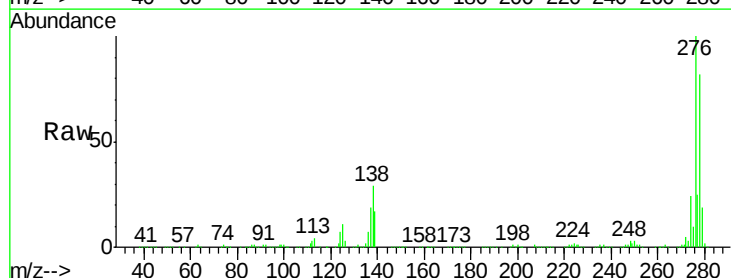
Tgt Ion:276 Resp: 1247183

Ion Ratio Lower Upper

276 100

138 28.4 21.8 32.6

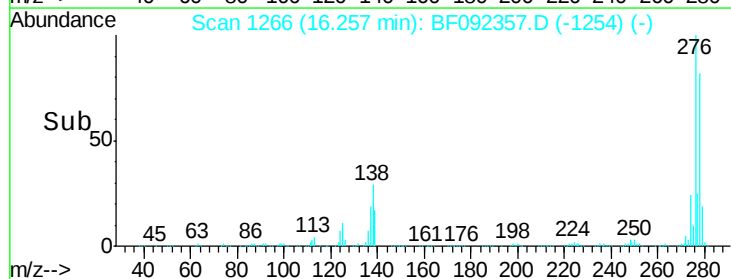
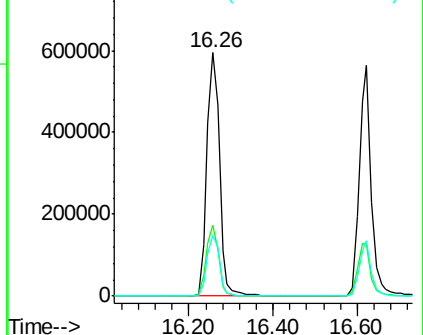
277 24.9 20.2 30.4

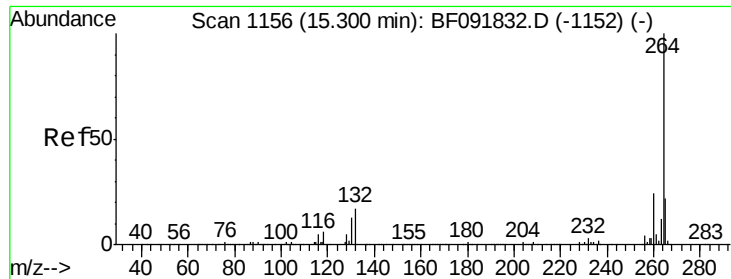


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



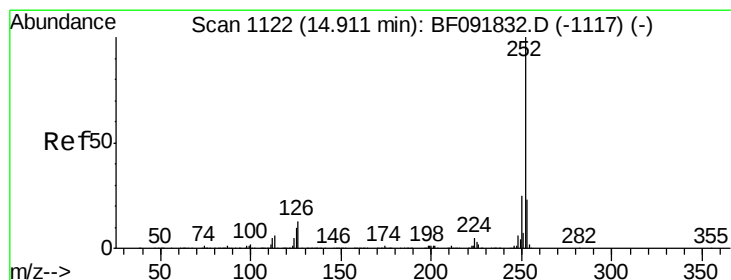
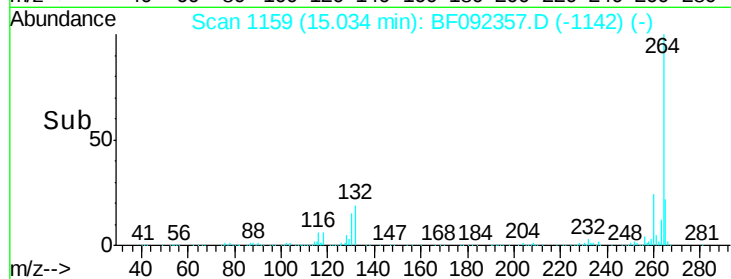
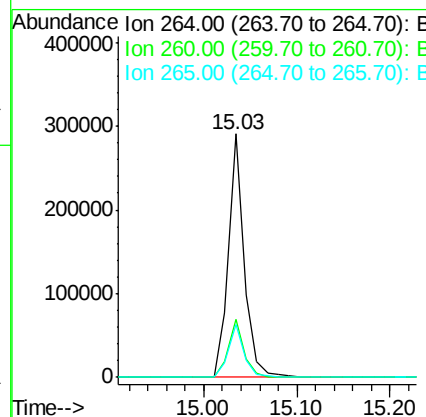
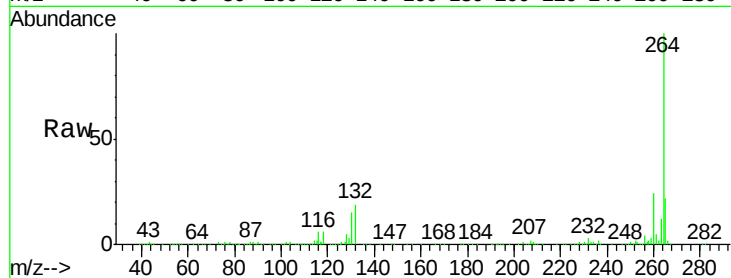


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1159
Delta R.T. -0.11 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion: 264 Resp: 342936

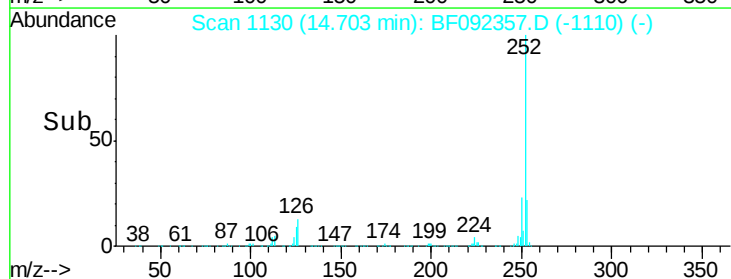
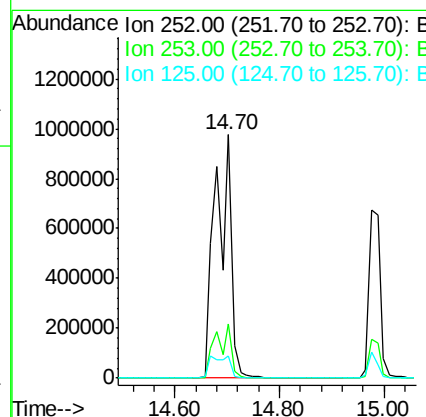
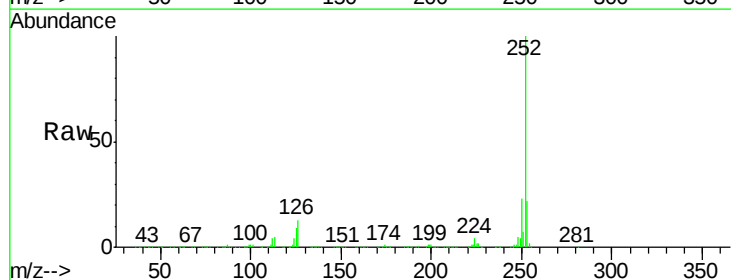
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.4	26.0

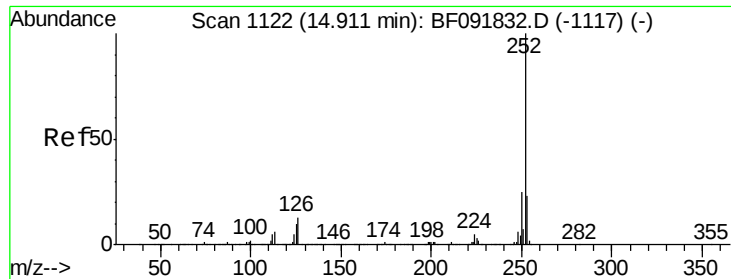


#87
Benzo(b)fluoranthene
Concen: 96.10 ng
RT: 14.70 min Scan# 1130
Delta R.T. -0.08 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion: 252 Resp: 2051919

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.2	9.8	14.6#

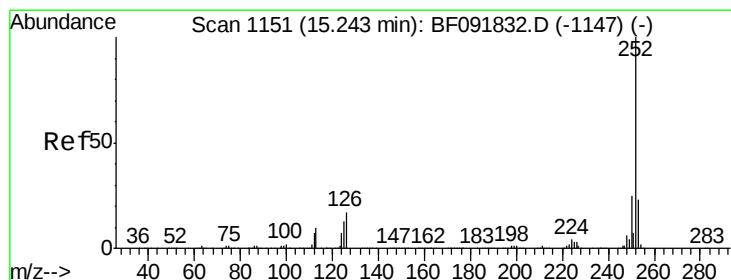
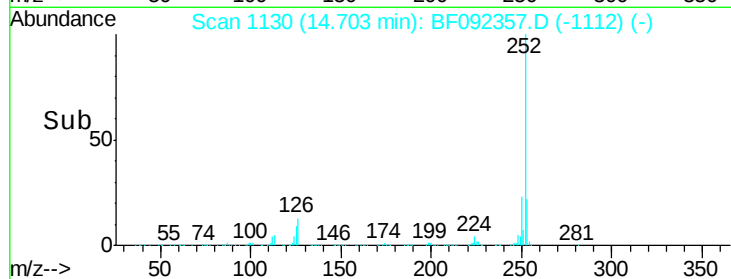
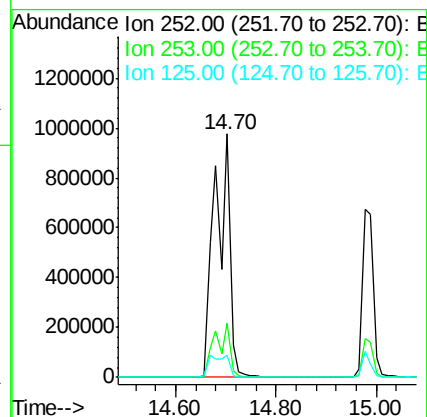
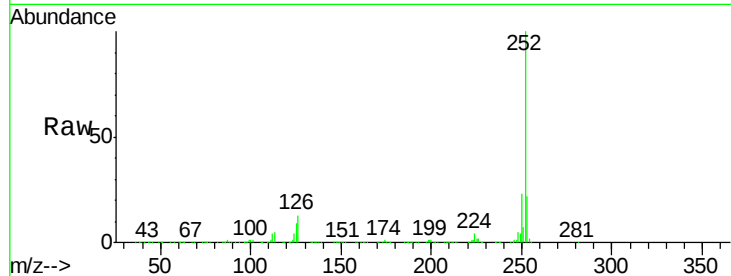




#88
Benzo(k)fluoranthene
Concen: 112.73 ng
RT: 14.70 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

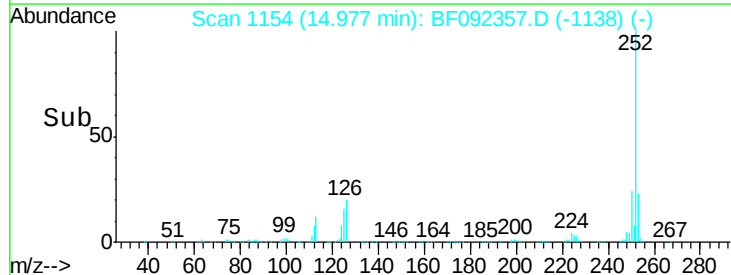
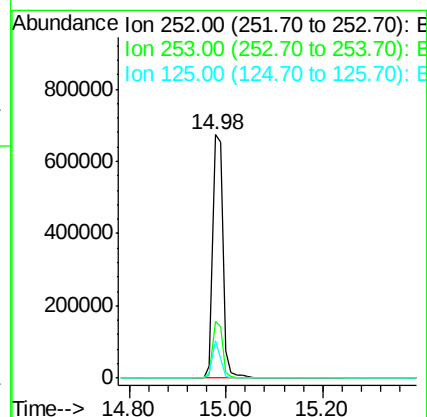
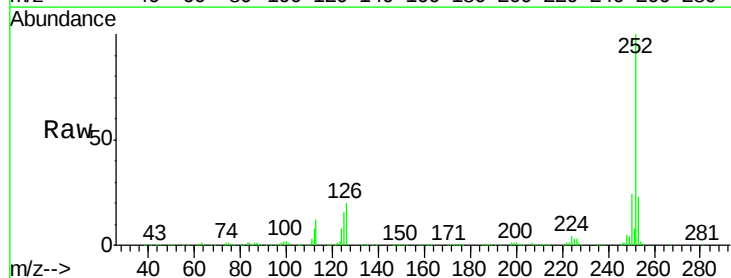
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

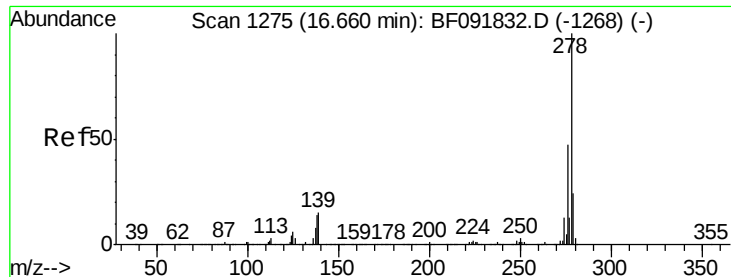
Tgt Ion:252 Resp: 2052367
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 9.2 8.9 13.3



#89
Benzo(a)pyrene
Concen: 53.56 ng
RT: 14.98 min Scan# 1154
Delta R.T. -0.12 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion:252 Resp: 1015044
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 15.6 10.0 15.0#





#90

Dibenzo(a,h)anthracene

Concen: 65.98 ng

RT: 16.27 min Scan# 1267

Delta R.T. -0.17 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

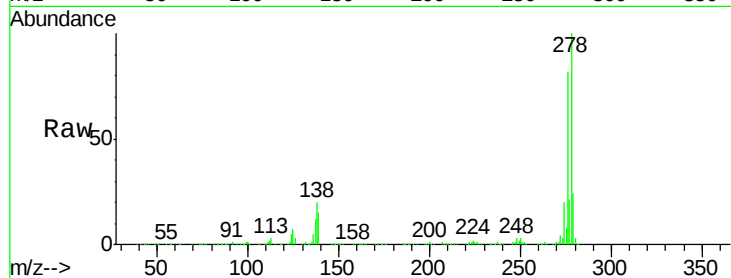
Tgt Ion:278 Resp: 1027764

Ion Ratio Lower Upper

278 100

139 15.0 14.8 22.2

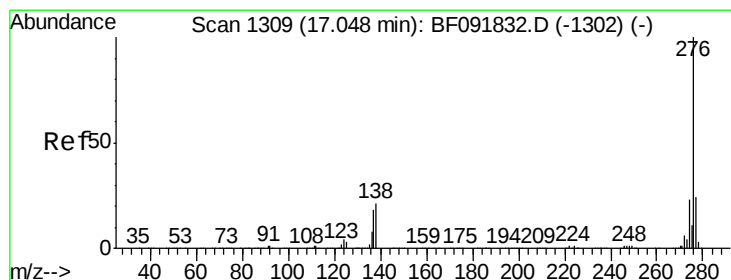
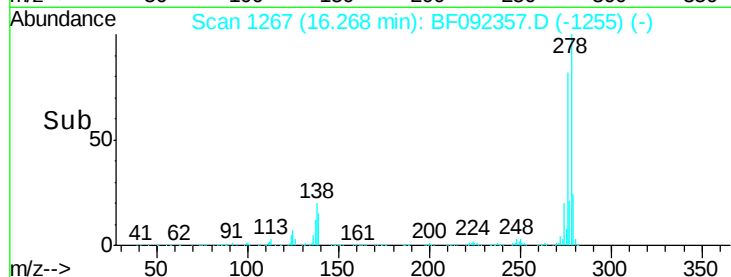
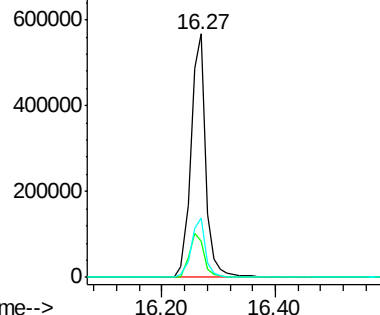
279 24.3 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 69.55 ng

RT: 16.62 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

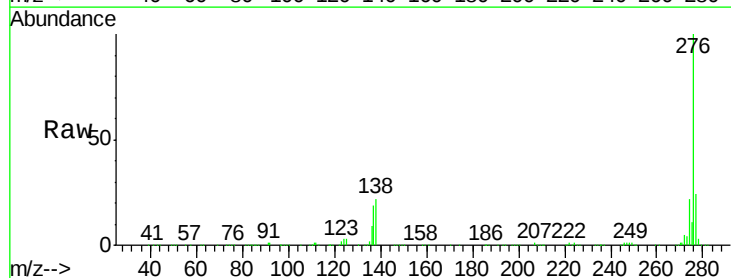
Tgt Ion:276 Resp: 1126470

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 22.5 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

