

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 02:52:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	148430	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	581811	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	391292	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	574505	20.00	ng	0.00
75) Chrysene-d12	13.69	240	306244	20.00	ng	-0.01
86) Perylene-d12	15.03	264	342936	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1274199	143.34	ng	0.02
7) Phenol-d6	6.22	99	1620408	149.30	ng	0.00
23) Nitrobenzene-d5	7.12	82	1118830	106.93	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	429785	132.72	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2043797	110.96	ng	0.00
78) Terphenyl-d14	12.65	244	1753192	138.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	196477	44.89	ng	# 83
3) Pyridine	2.72	79	376971m	24.68	ng	
4) n-Nitrosodimethylamine	2.64	42	256406	44.50	ng	95
6) Aniline	6.22	93	111193	7.89	ng	# 1
8) 2-Chlorophenol	6.34	128	503597	49.80	ng	98
9) Benzaldehyde	6.11	77	21171	2.38	ng	96
10) Phenol	6.23	94	574333	46.44	ng	# 69
11) bis(2-Chloroethyl)ether	6.29	93	494004	50.20	ng	97
12) 1,3-Dichlorobenzene	6.48	146	527934	48.91	ng	97
13) 1,4-Dichlorobenzene	6.56	146	536883	48.86	ng	94
14) 1,2-Dichlorobenzene	6.71	146	514557	53.97	ng	99
15) Benzyl Alcohol	6.71	79	458247	54.34	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	752410	51.34	ng	# 40
17) 2-Methylphenol	6.84	107	431997	53.12	ng	# 89
18) Hexachloroethane	7.06	117	208308	51.14	ng	89
19) n-Nitroso-di-n-propylamine	6.98	70	403498	55.88	ng	99
20) 3+4-Methylphenols	7.00	107	579691	59.76	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	115852m	45.68	ng	
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

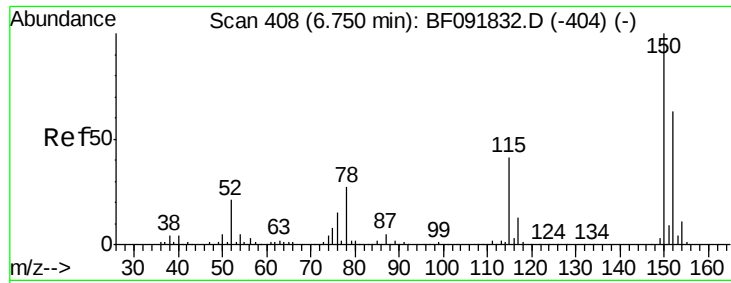
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092357.D
 Acq On : 18 Jan 2017 18:04
 Operator : UM/SJ
 Sample : I1260-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 19 02:52:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	263494	38.11	ng	96
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	312556	102.55	ng #	76
54) Dibenzofuran	9.79	168	1473417	49.32	ng	98
55) 4-Nitrophenol	9.75	139	254171m	55.22	ng	
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	1324593	49.50	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	1244820	82.87	ng	98
87) Benzo(h)fluoranthene	14.68	252	1250004m	58.55	ng	
88) Benzo(k)fluoranthene	14.70	252	780894m	42.89	ng	
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	1126050	69.53	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

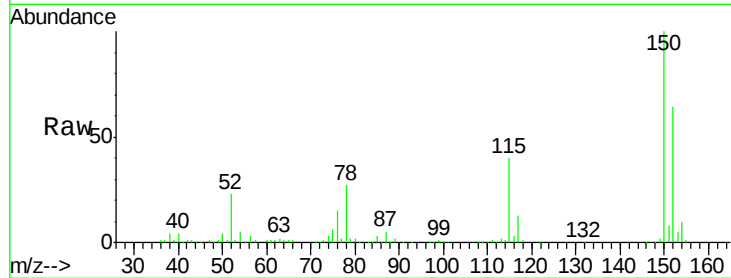
Tgt Ion:152 Resp: 148430

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

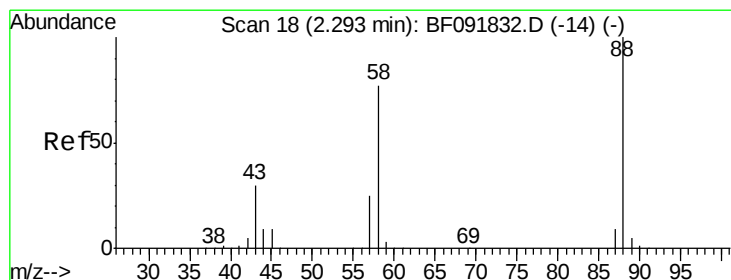
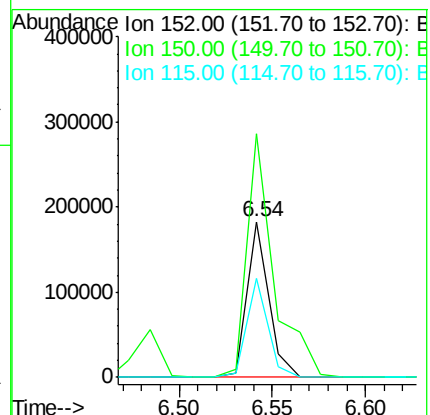
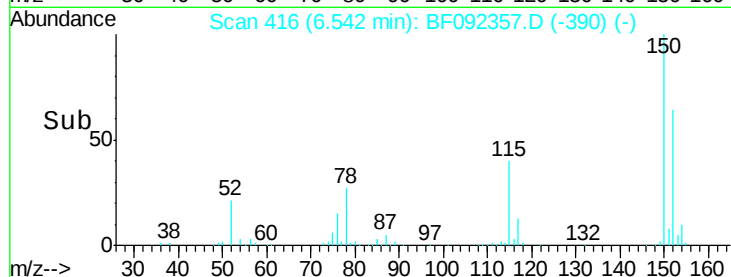
115 63.5 46.0 69.0



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: 44.89 ng

RT: 2.12 min Scan# 29

Delta R.T. 0.18 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

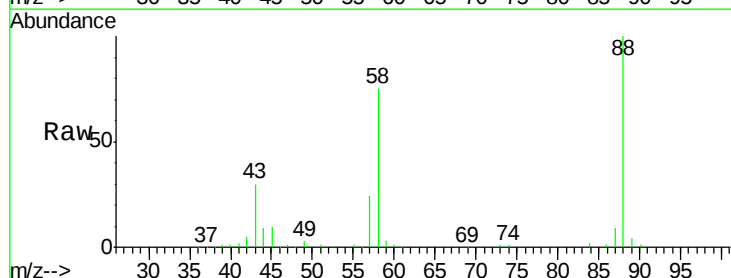
Tgt Ion: 88 Resp: 196477

Ion Ratio Lower Upper

88 100

58 74.8 57.8 86.8

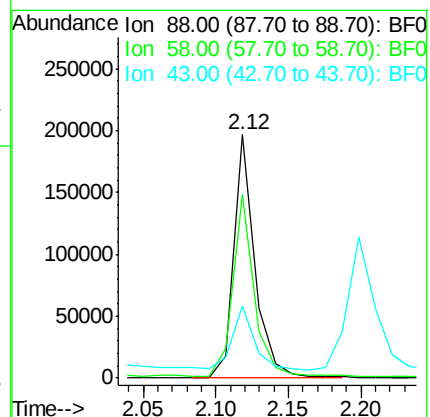
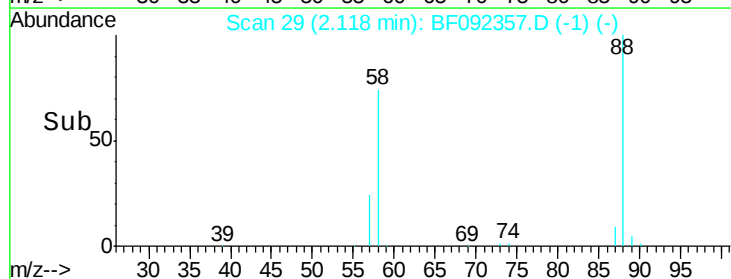
43 0.0 22.3 33.5#

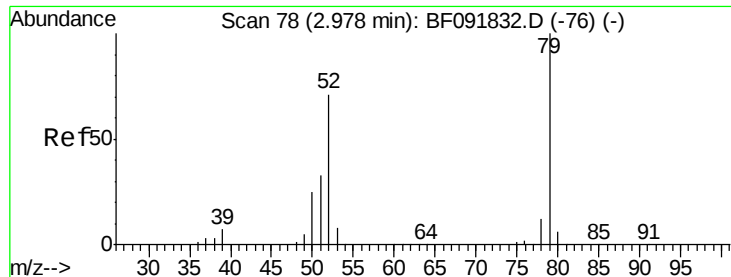


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.68 ng m

RT: 2.72 min Scan# 82

Delta R.T. 0.17 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

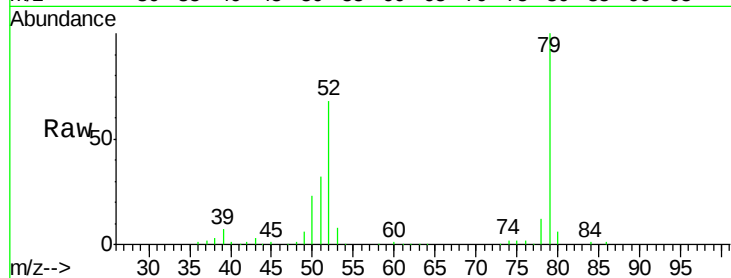
Tgt Ion: 79 Resp: 376971

Ion Ratio Lower Upper

79 100

52 68.2 57.1 85.7

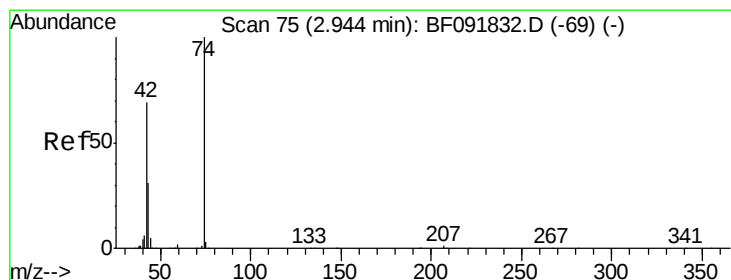
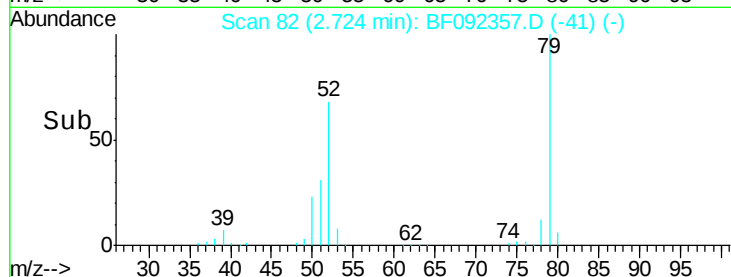
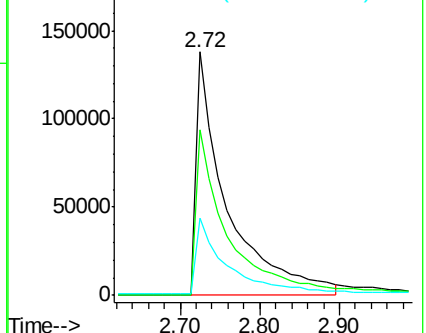
51 31.8 27.3 40.9



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: 44.50 ng

RT: 2.64 min Scan# 75

Delta R.T. 0.11 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

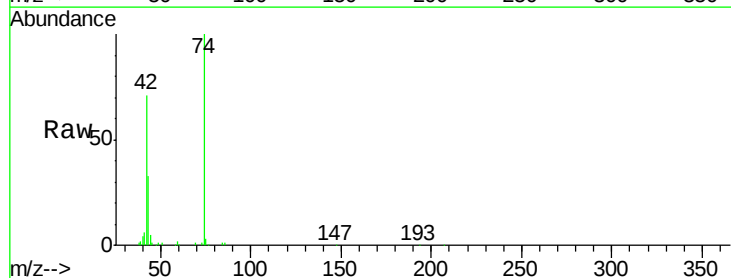
Tgt Ion: 42 Resp: 256406

Ion Ratio Lower Upper

42 100

74 140.3 117.0 175.4

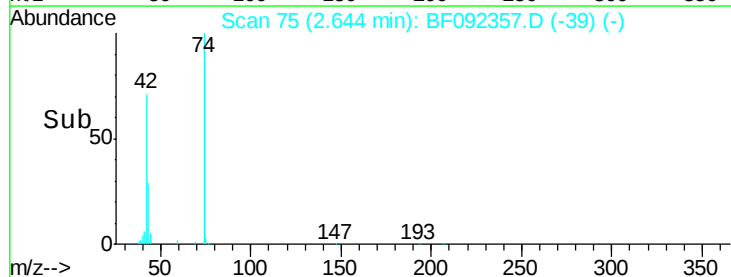
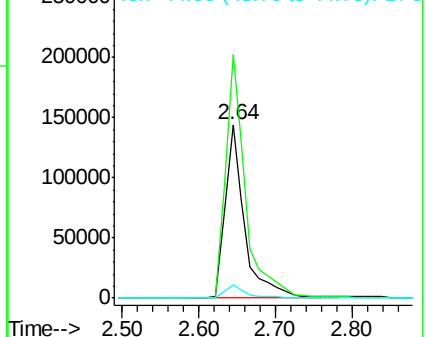
44 7.4 5.5 8.3



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: 143.34 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

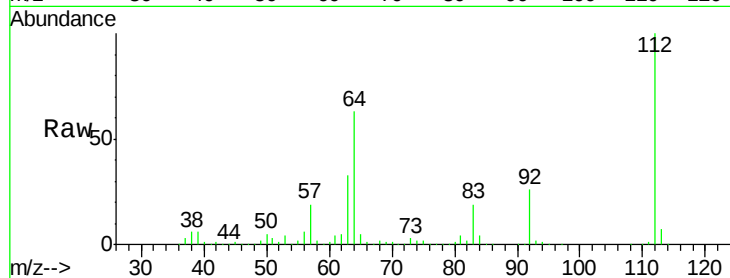
Tgt Ion: 112 Resp: 1274199

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

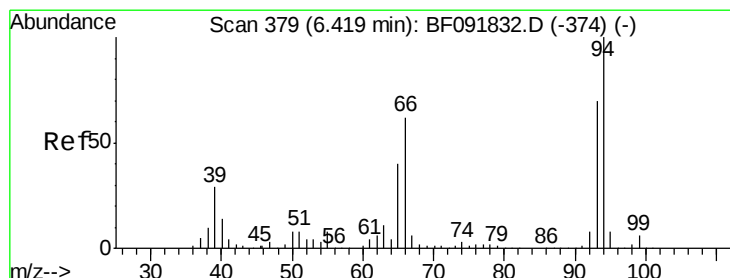
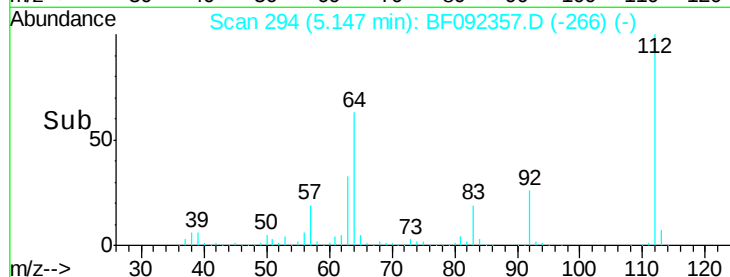
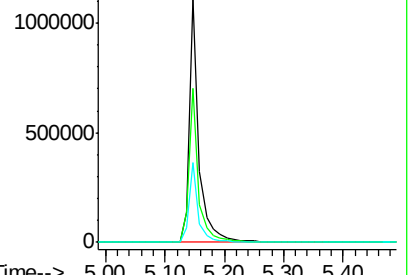
63 32.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.89 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

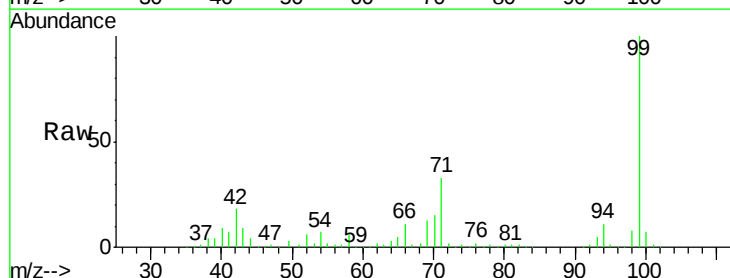
Tgt Ion: 93 Resp: 111193

Ion Ratio Lower Upper

93 100

66 229.5 76.2 114.2#

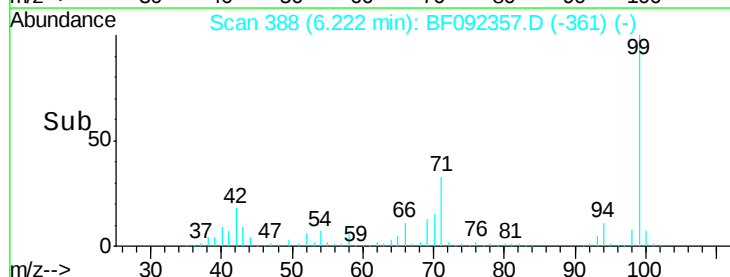
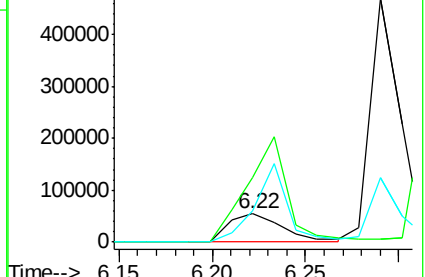
65 112.4 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.30 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

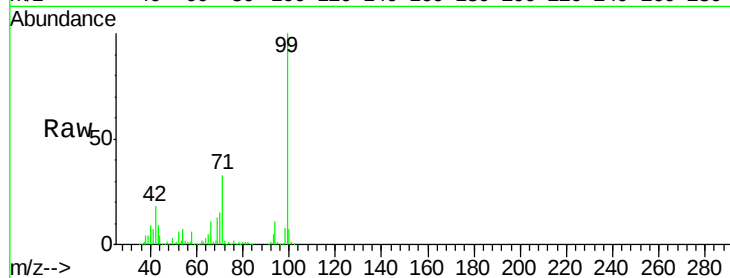
Tgt Ion: 99 Resp: 1620408

Ion Ratio Lower Upper

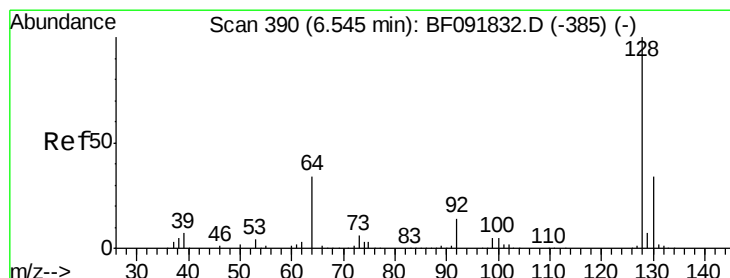
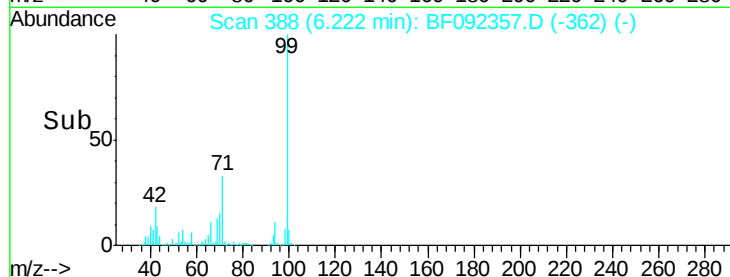
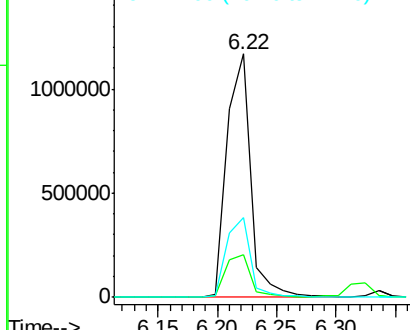
99 100

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: 49.80 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

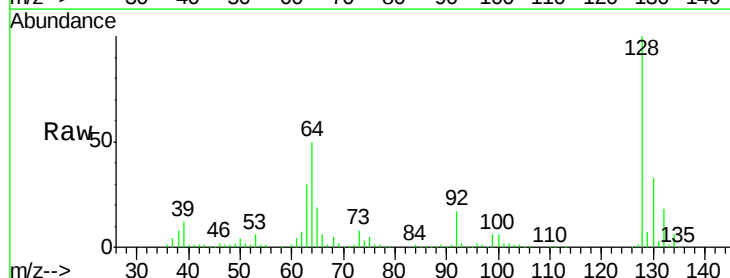
Tgt Ion: 128 Resp: 503597

Ion Ratio Lower Upper

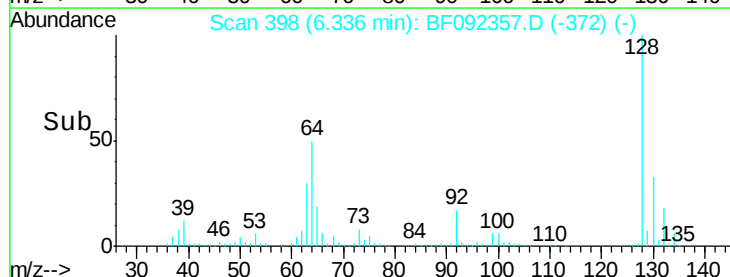
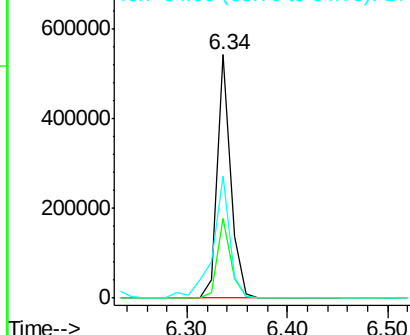
128 100

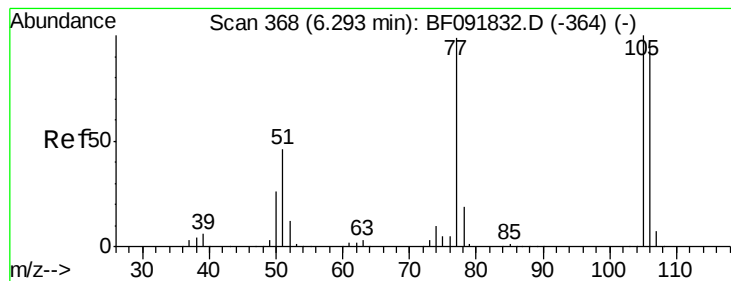
130 33.0 12.3 52.3

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





#9

Benzaldehyde

Concen: 2.38 ng

RT: 6.11 min Scan# 378

Delta R.T. 0.02 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

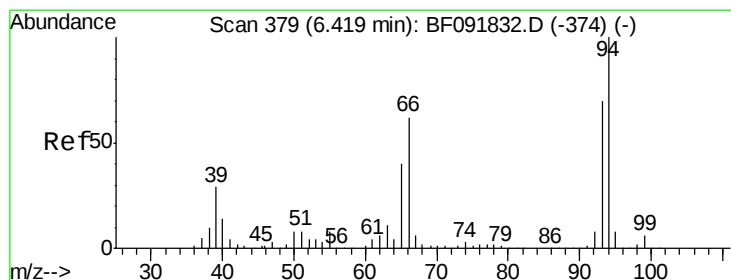
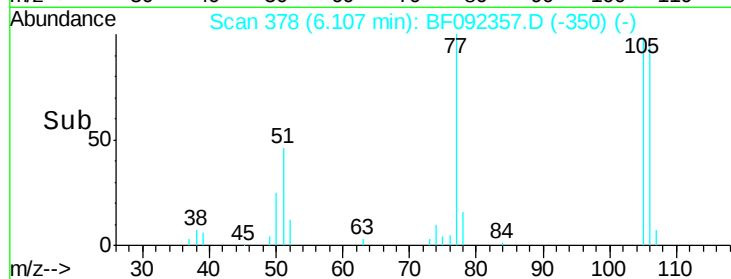
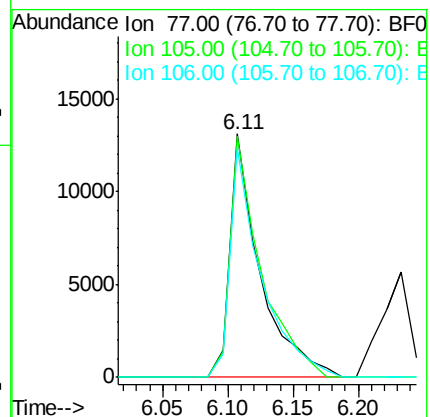
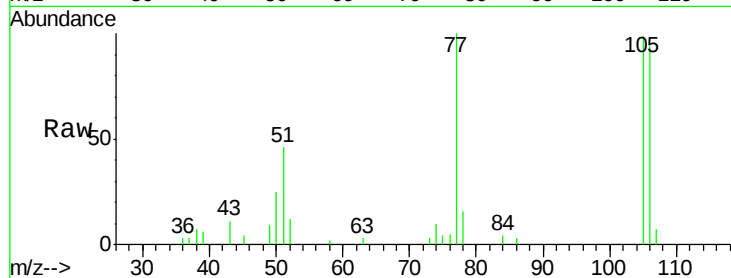
Tgt Ion: 77 Resp: 21171

Ion Ratio Lower Upper

77 100

105 99.1 83.9 123.9

106 94.2 77.6 117.6



#10

Phenol

Concen: 46.44 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

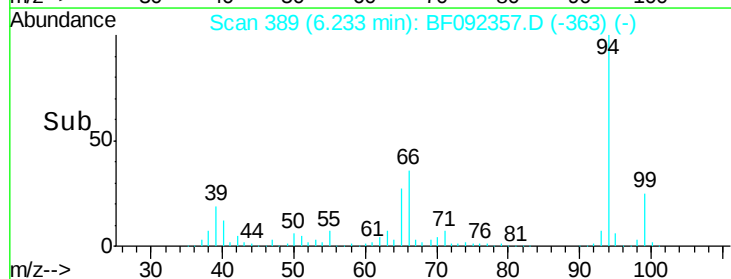
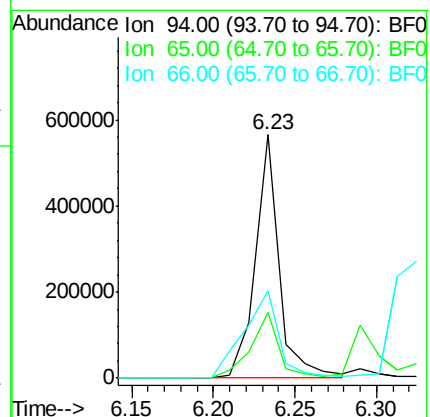
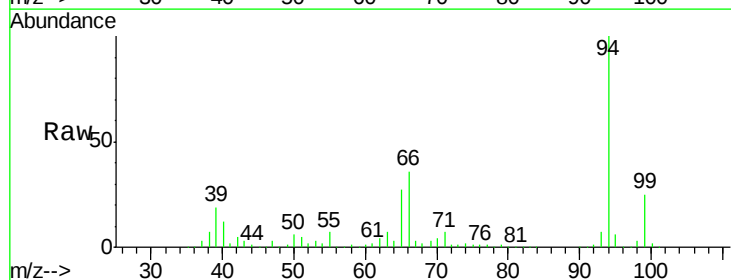
Tgt Ion: 94 Resp: 574333

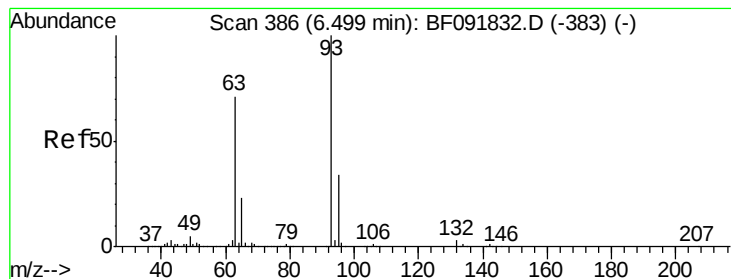
Ion Ratio Lower Upper

94 100

65 26.8 21.4 61.4

66 35.9 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 50.20 ng

RT: 6.29 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

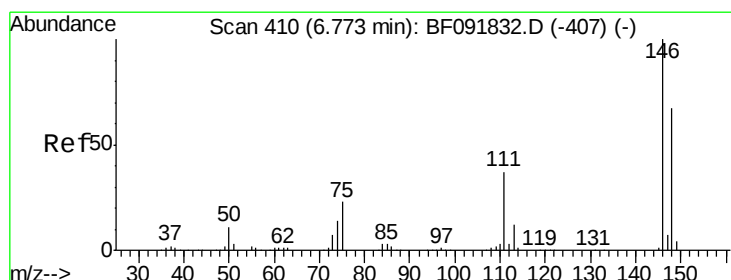
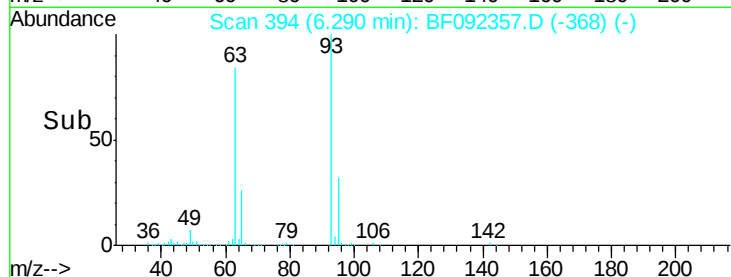
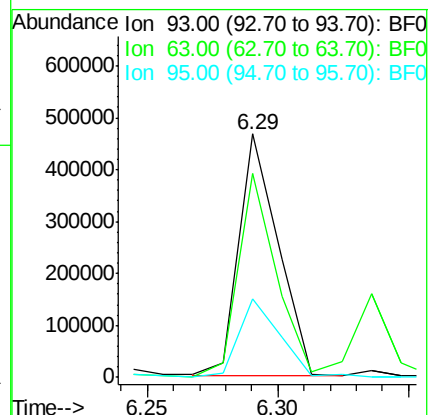
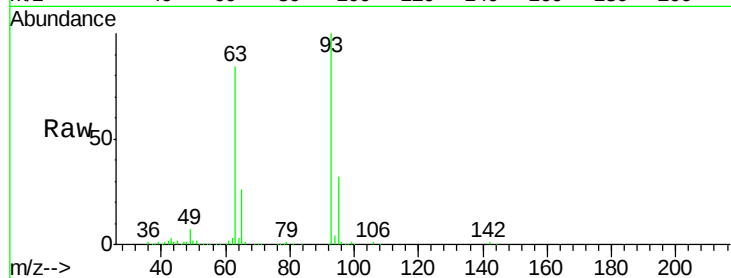
Tgt Ion: 93 Resp: 494004

Ion Ratio Lower Upper

93 100

63 84.0 60.4 100.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 48.91 ng

RT: 6.48 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

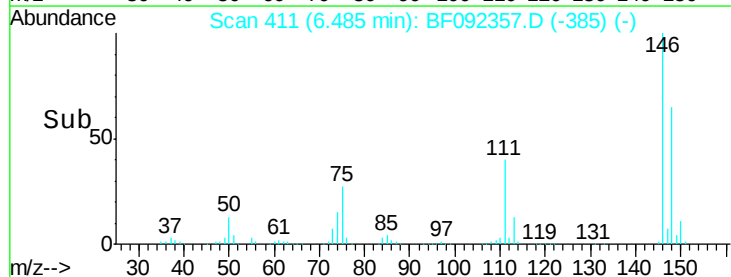
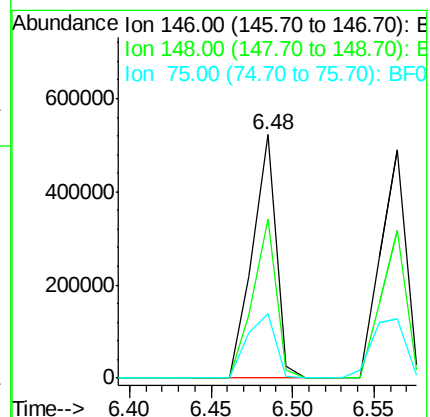
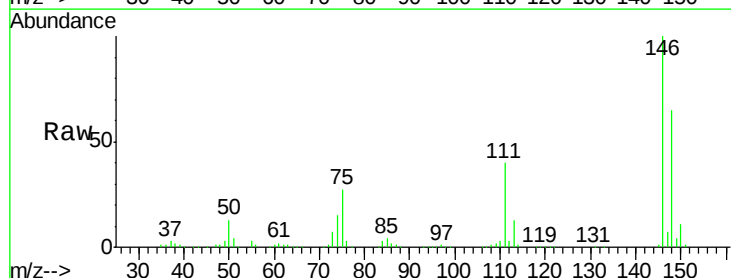
Tgt Ion: 146 Resp: 527934

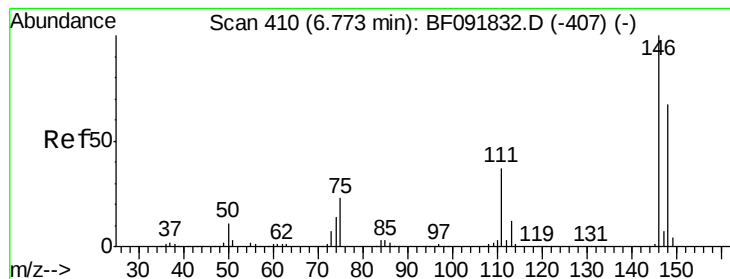
Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

75 26.6 18.5 27.7

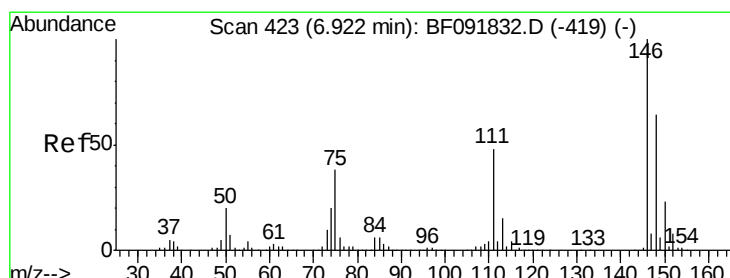
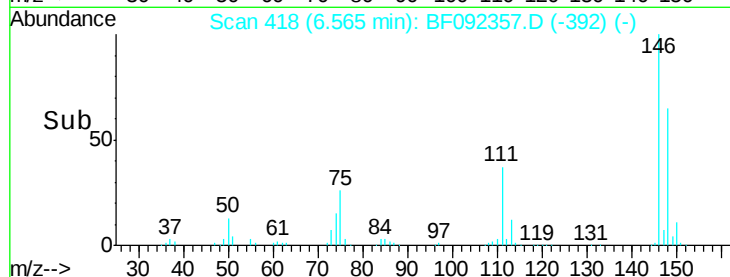
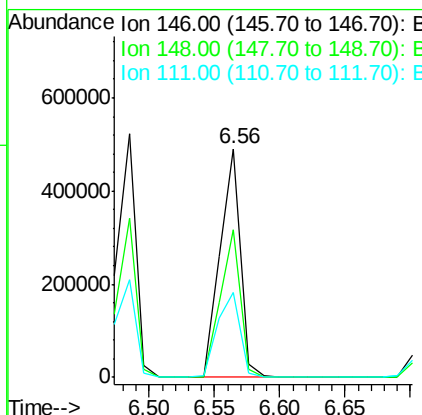
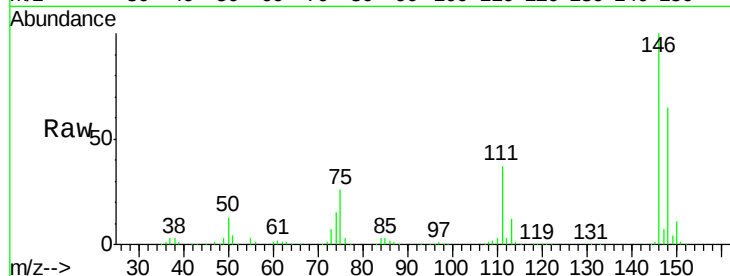




#13
 1,4-Dichlorobenzene
 Concen: 48.86 ng
 RT: 6.56 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

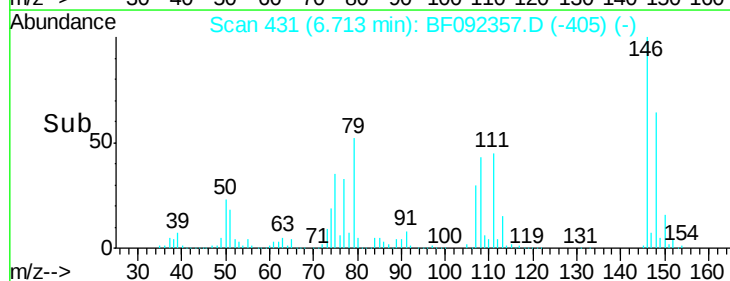
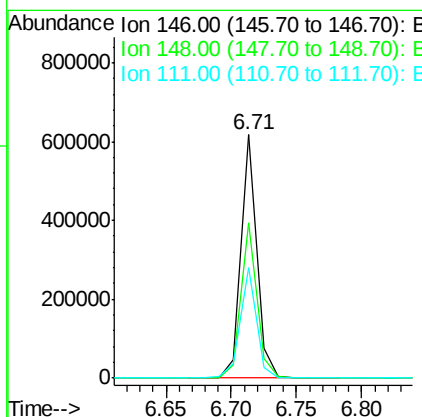
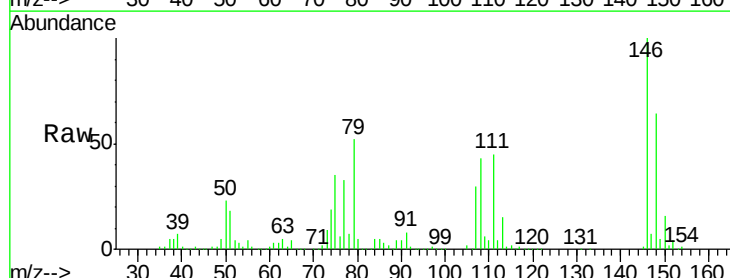
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

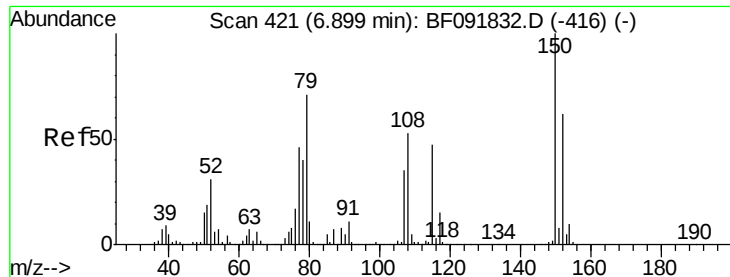
Tgt Ion:146 Resp: 536883
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 76.0
 111 37.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 53.97 ng
 RT: 6.71 min Scan# 431
 Delta R.T. 0.00 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 52.2 78.2
 111 45.3 36.2 54.2





#15

Benzyl Alcohol

Concen: 54.34 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

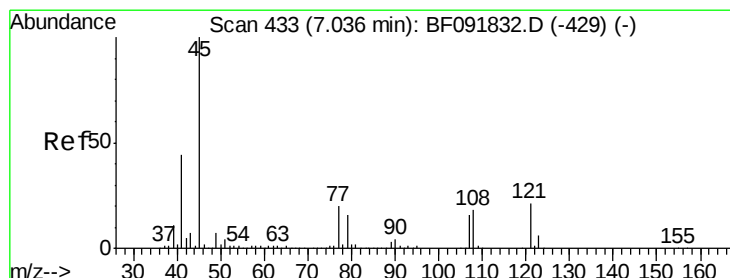
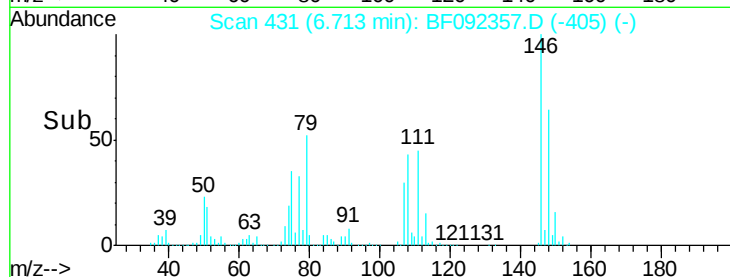
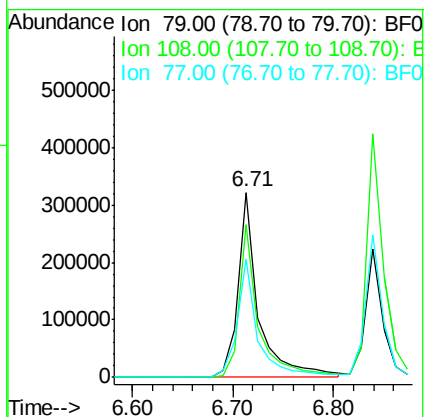
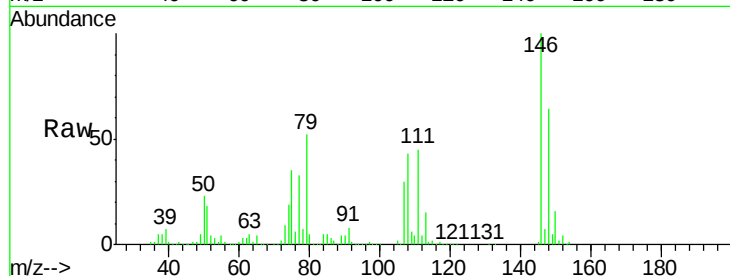
Tgt Ion: 79 Resp: 458247

Ion Ratio Lower Upper

79 100

108 82.5 61.4 92.0

77 63.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.34 ng

RT: 6.84 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

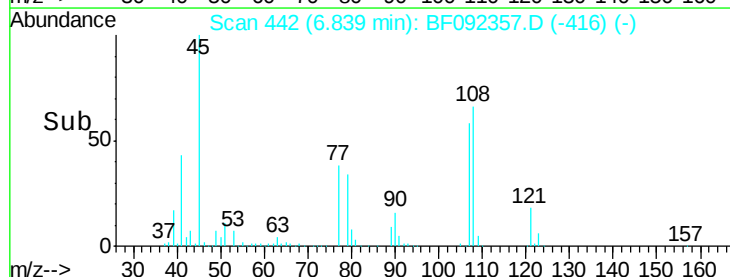
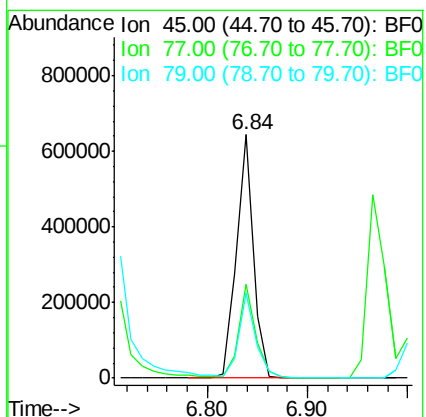
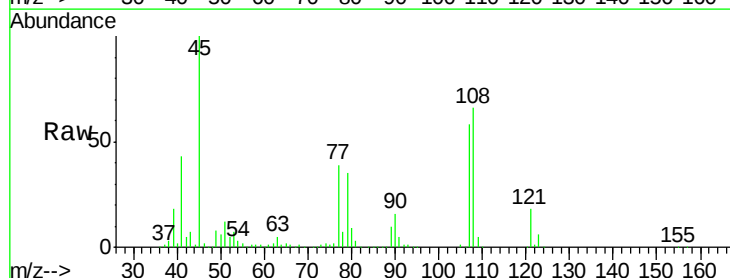
Tgt Ion: 45 Resp: 752410

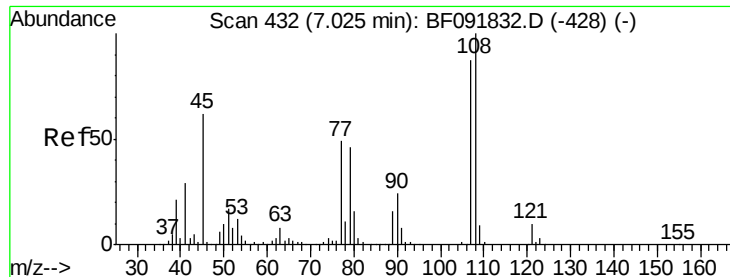
Ion Ratio Lower Upper

45 100

77 38.5 0.0 34.6#

79 34.8 0.0 31.2#

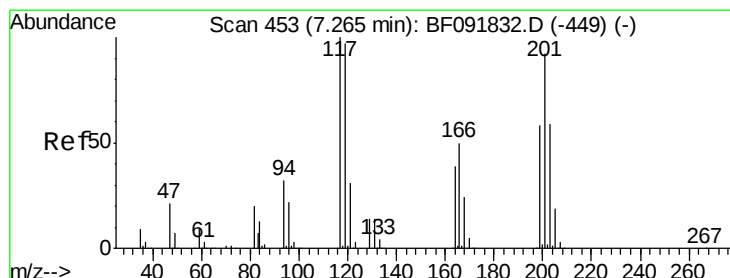
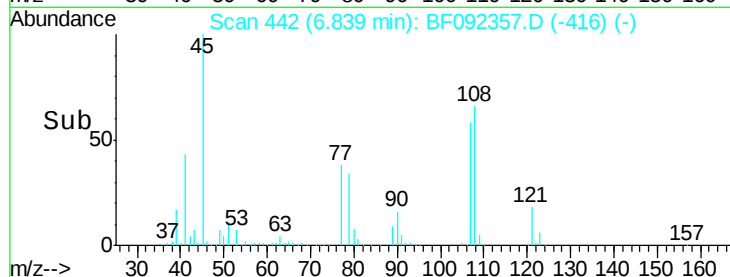
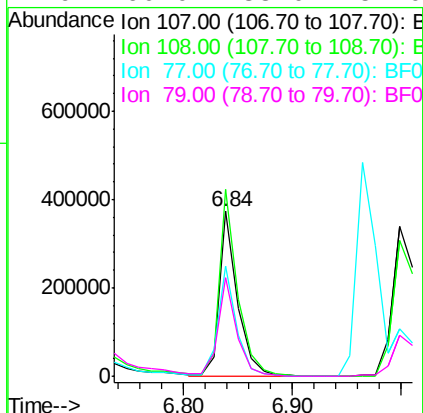
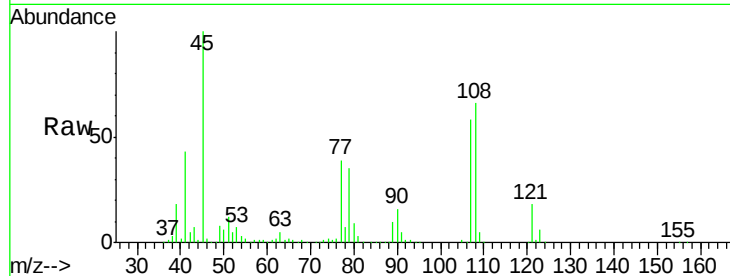




#17
2-Methylphenol
Concen: 53.12 ng
RT: 6.84 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

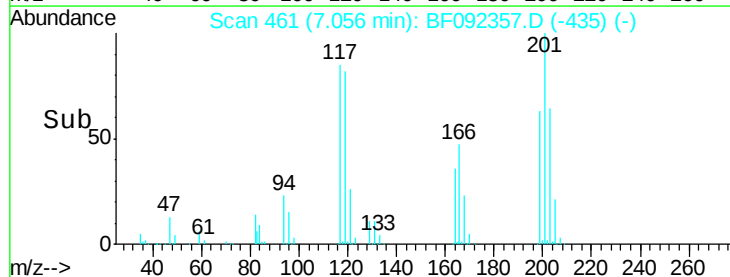
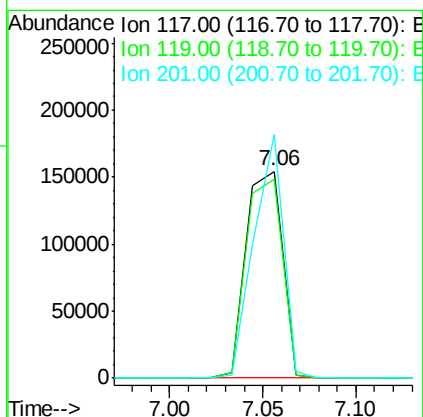
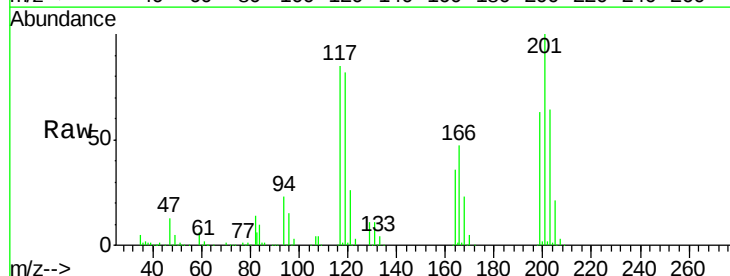
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

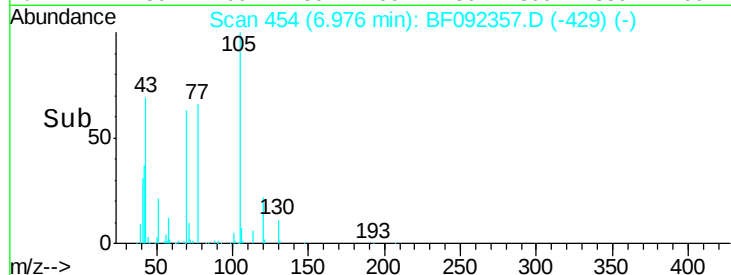
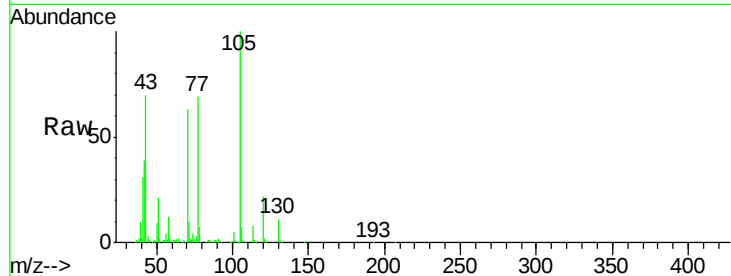
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.5	93.0	139.6
77	66.4	39.8	59.8#
79	60.0	38.0	57.0#



#18
Hexachloroethane
Concen: 51.14 ng
RT: 7.06 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.1	117.1
201	117.7	78.6	117.8

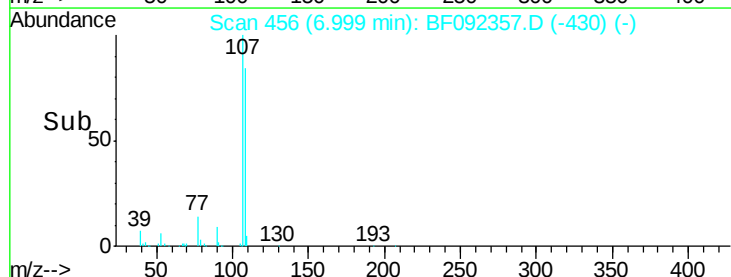
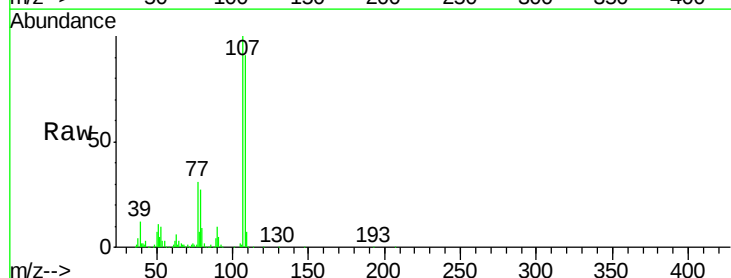
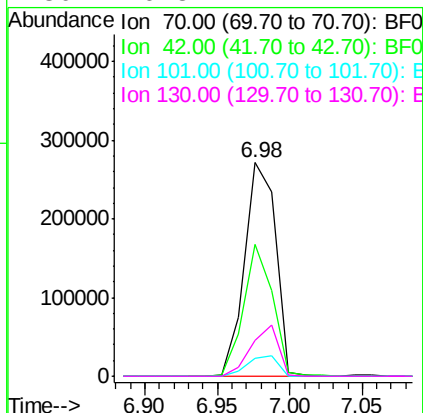




#19
n-Nitroso-di-n-propylamine
Concen: 55.88 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

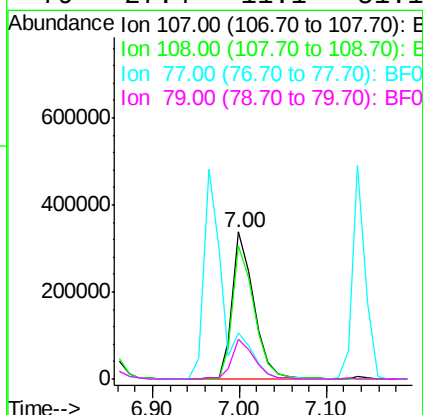
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

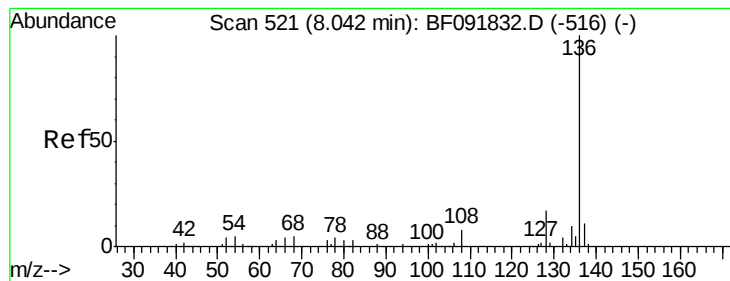
Tgt Ion:	70	Resp:	403498
Ion	Ratio	Lower	Upper
70	100		
42	61.7	49.4	74.0
101	8.1	7.4	11.2
130	16.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 59.76 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.00 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	73.0	113.0
77	31.5	71.3	111.3#
79	27.4	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion:136 Resp: 581811

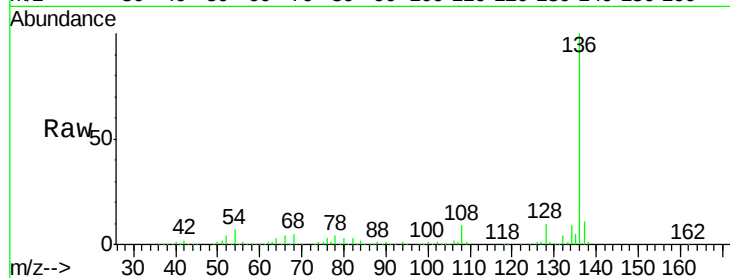
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.8 4.5 6.7#

68 5.5 3.6 5.4#

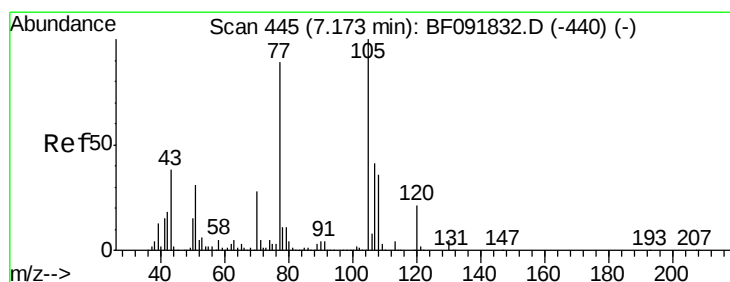
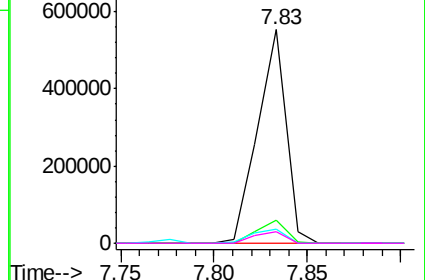
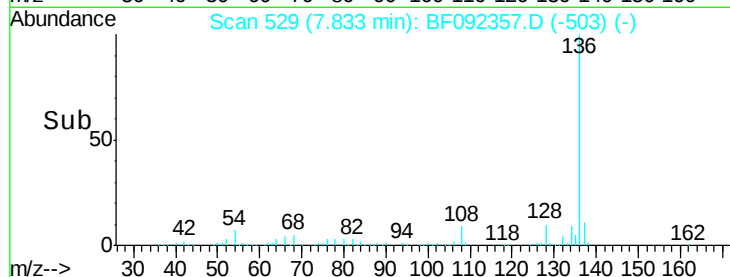


Abundance Ion 136.00 (135.70 to 136.70): E

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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Tgt Ion:105 Resp: 775035

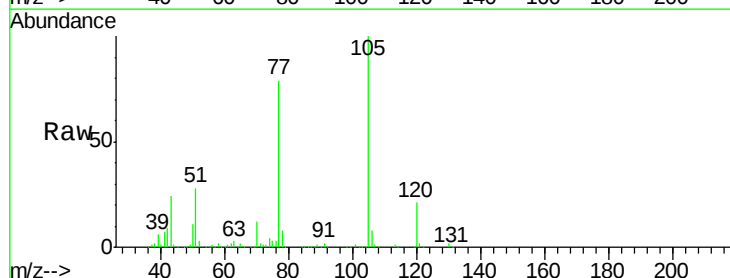
Ion Ratio Lower Upper

105 100

71 2.1 3.2 4.8#

51 27.9 26.2 39.4

120 20.7 16.6 24.8

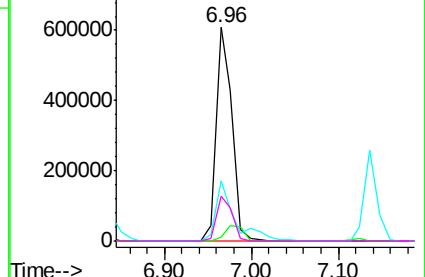
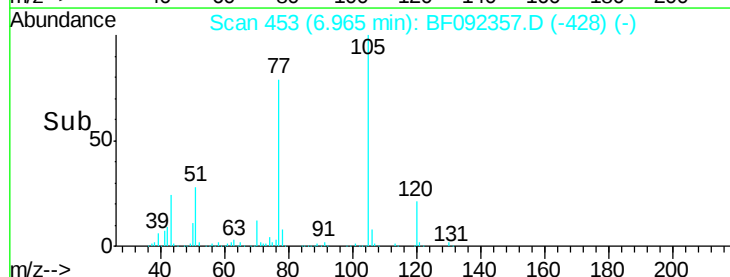


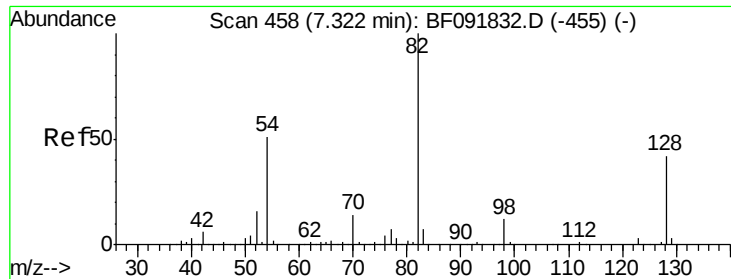
Abundance Ion 105.00 (104.70 to 105.70): E

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

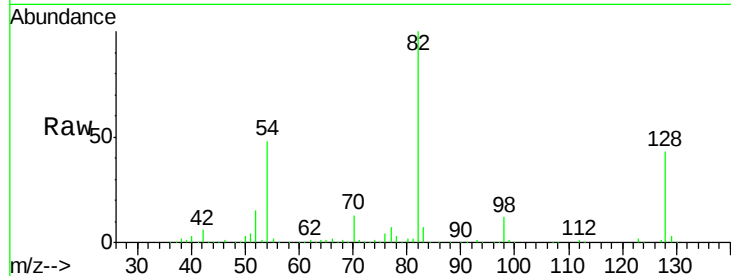




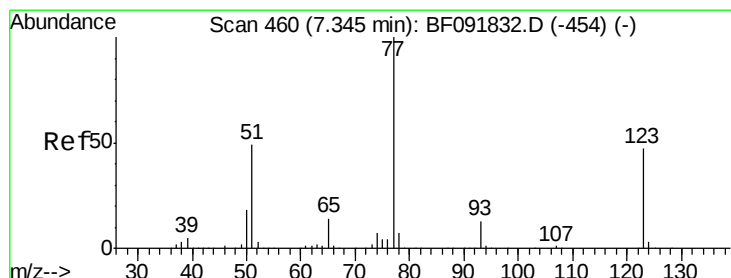
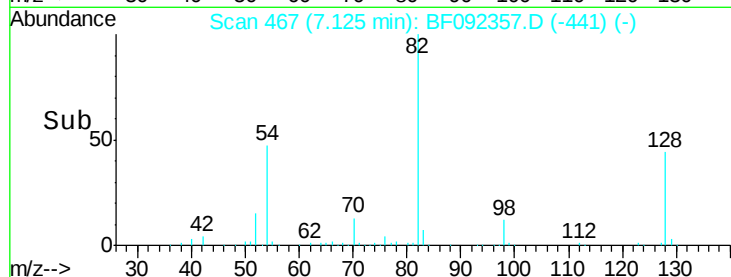
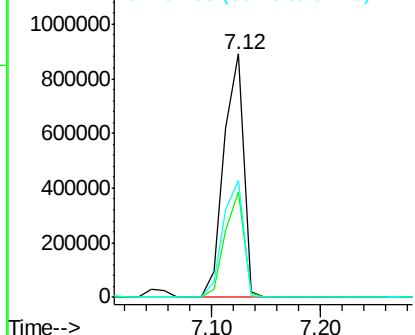
#23
 Nitrobenzene-d5
 Concen: 106.93 ng
 RT: 7.12 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

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

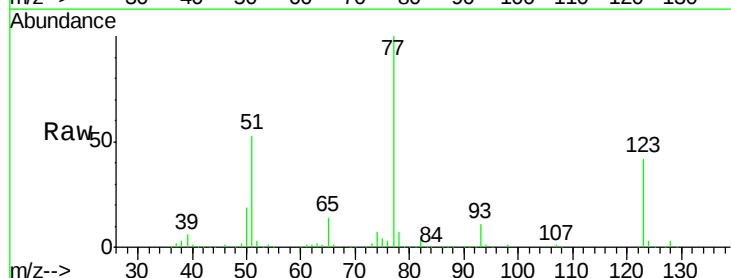


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

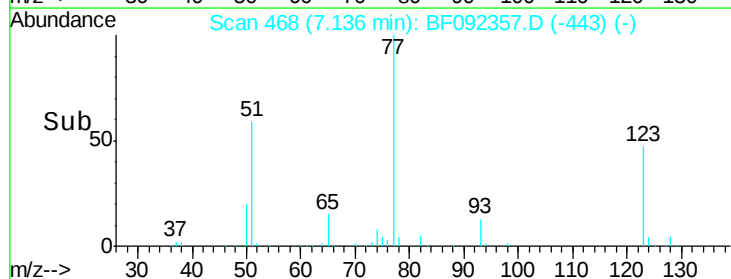
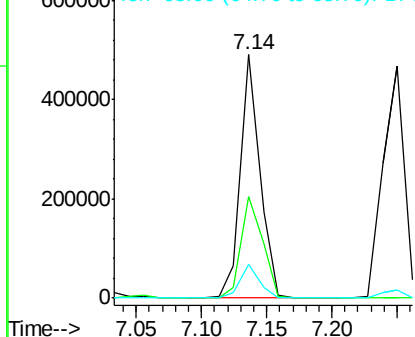


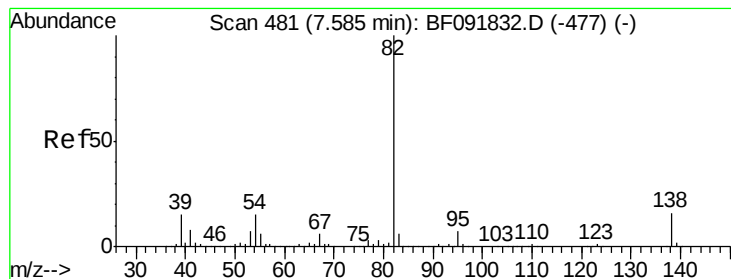
#24
 Nitrobenzene
 Concen: 45.42 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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



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





#25

Isophorone

Concen: 52.94 ng

RT: 7.39 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

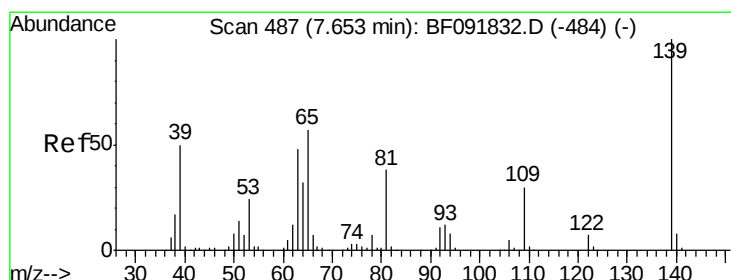
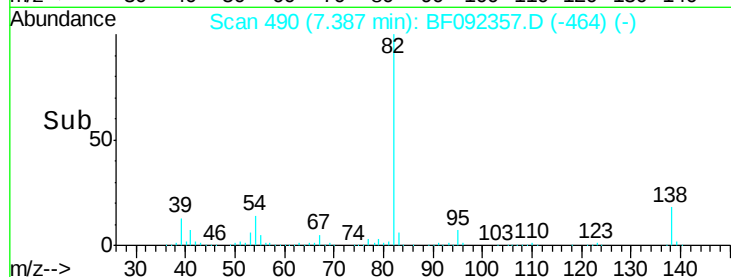
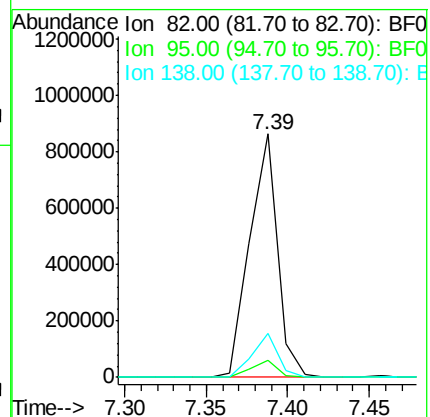
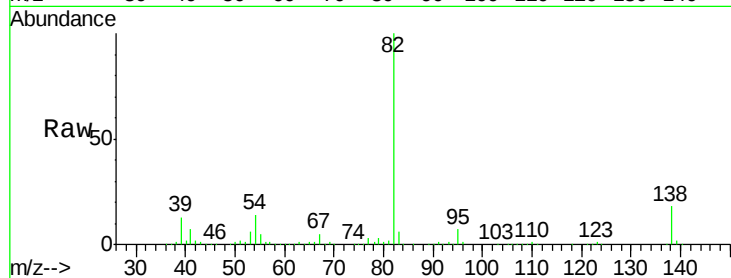
Tgt Ion: 82 Resp: 1021955

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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

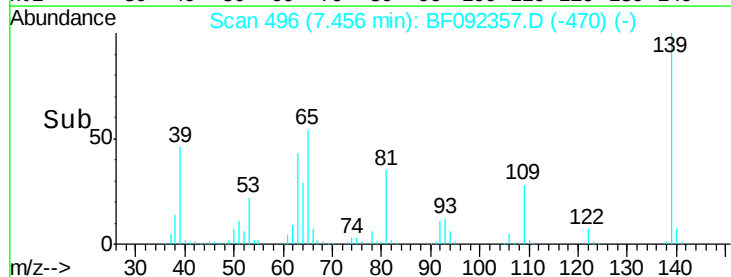
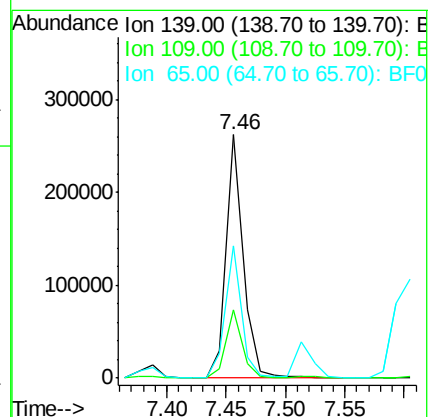
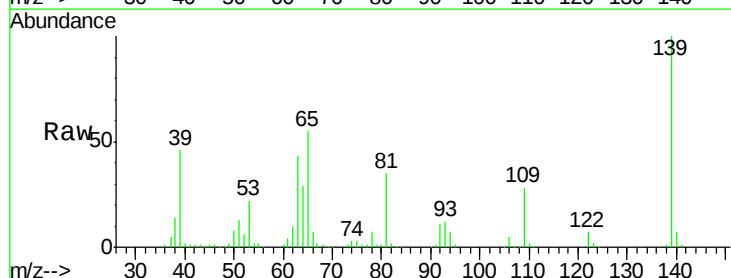
Tgt Ion: 139 Resp: 258804

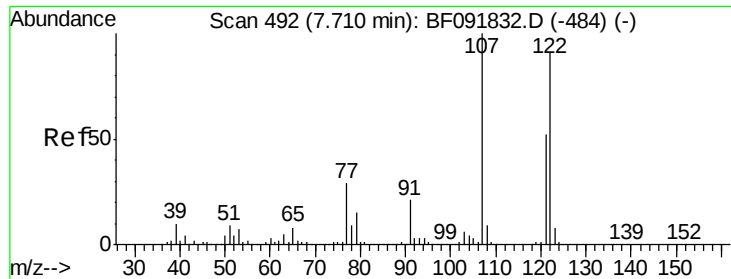
Ion Ratio Lower Upper

139 100

109 28.2 23.3 34.9

65 54.6 42.7 64.1

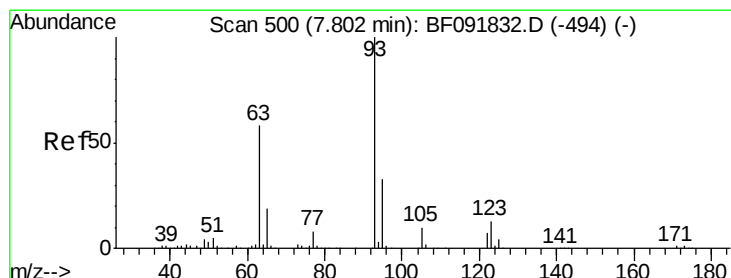
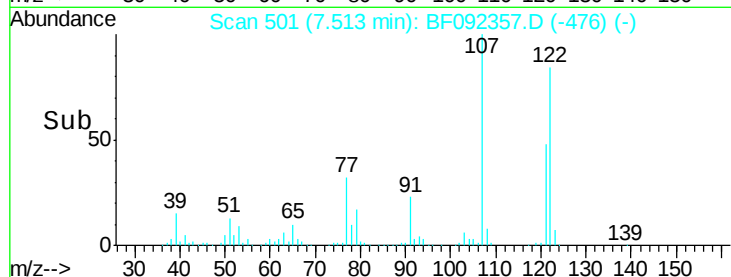
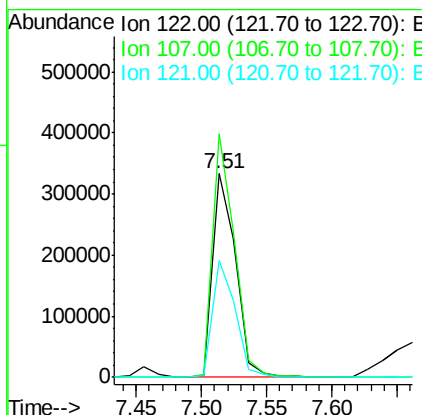
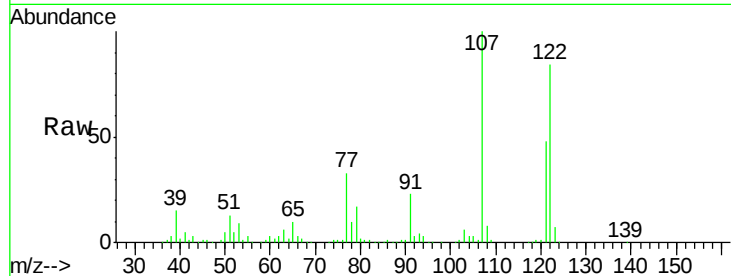




#27
 2,4-Dimethylphenol
 Concen: 45.05 ng
 RT: 7.51 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

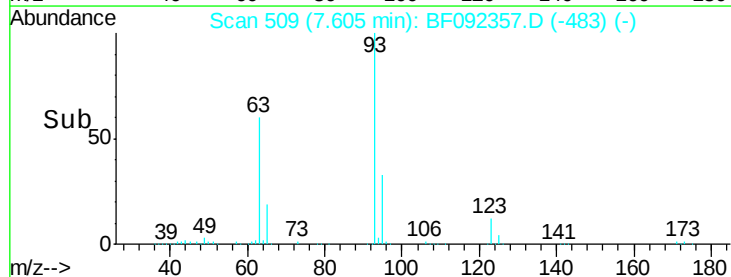
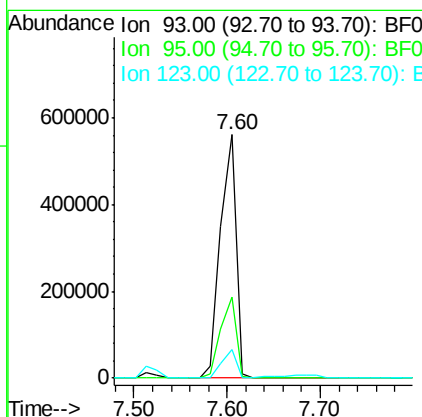
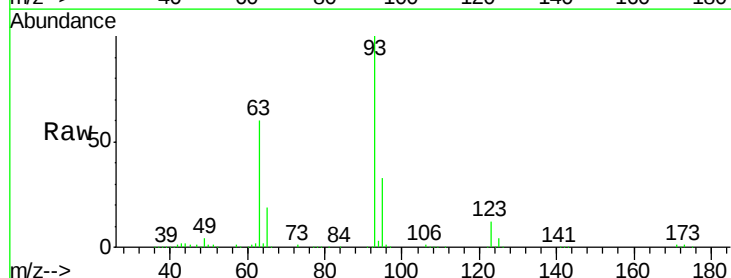
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

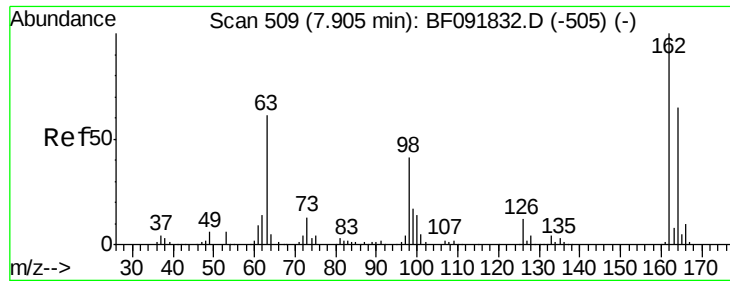
Tgt Ion:122 Resp: 410619
 Ion Ratio Lower Upper
 122 100
 107 119.6 94.1 141.1
 121 57.2 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.86 ng
 RT: 7.60 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

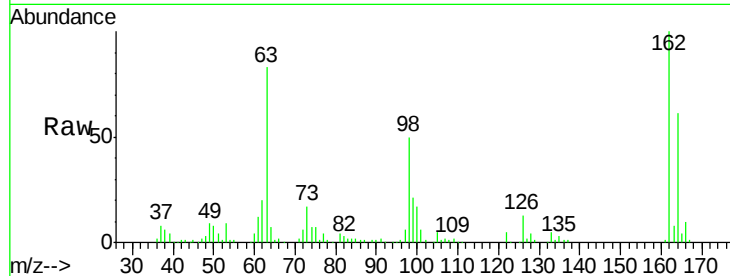




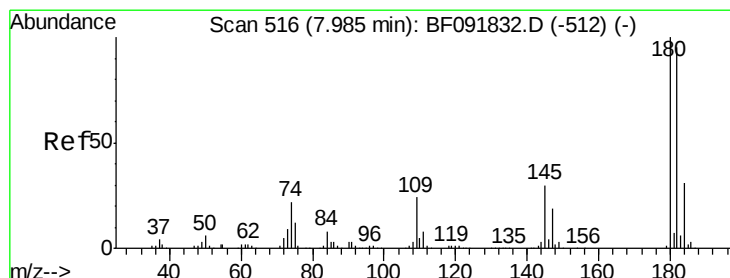
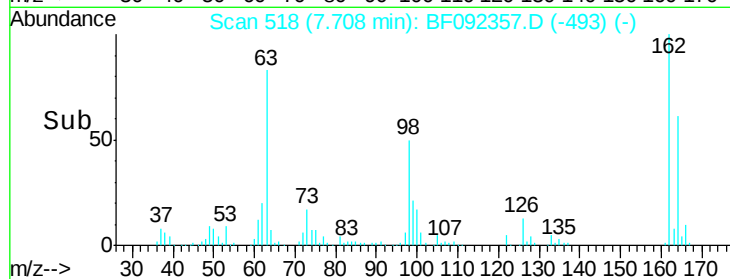
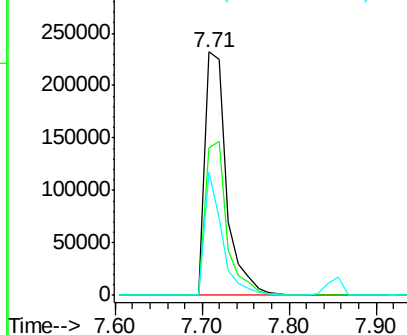
#29
2,4-Dichlorophenol
Concen: 52.21 ng
RT: 7.71 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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

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#

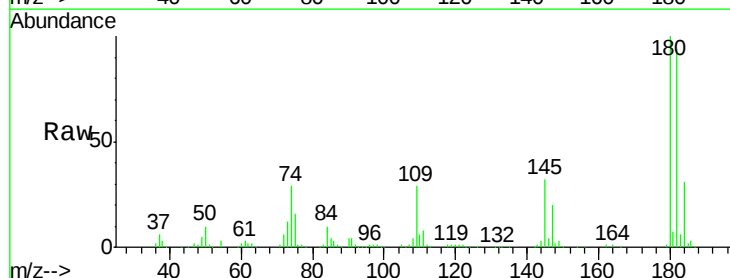


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

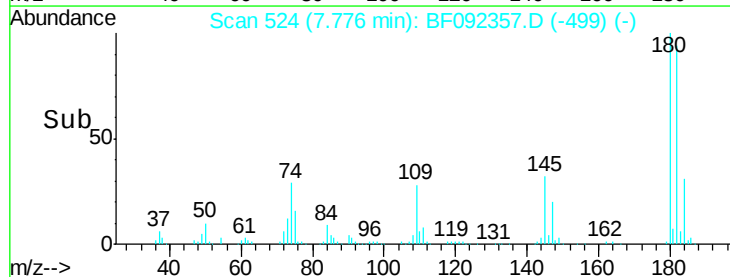
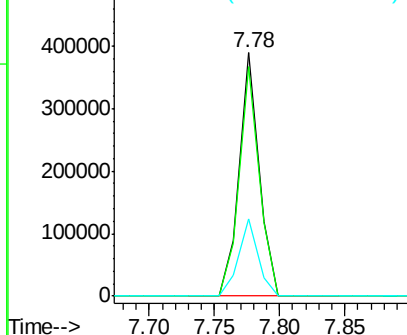


#30
1,2,4-Trichlorobenzene
Concen: 48.62 ng
RT: 7.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

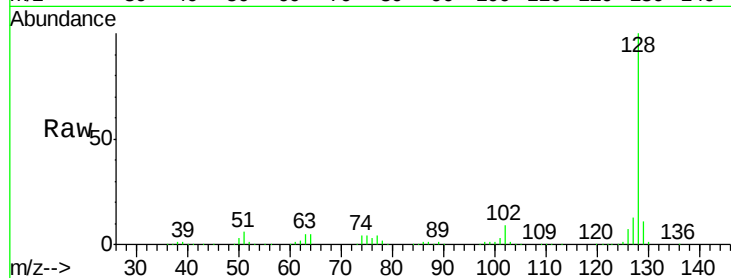
Tgt Ion:128 Resp: 1456747

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

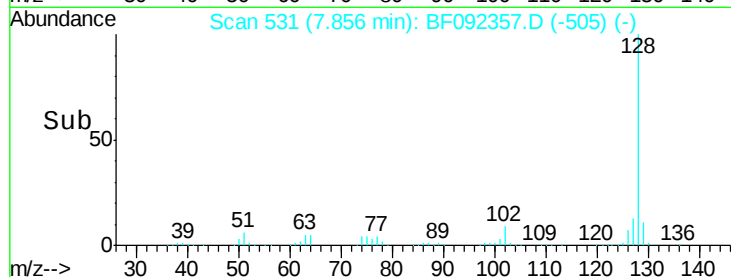
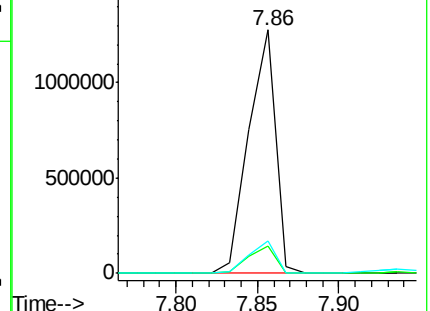
127 13.2 10.8 16.2



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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

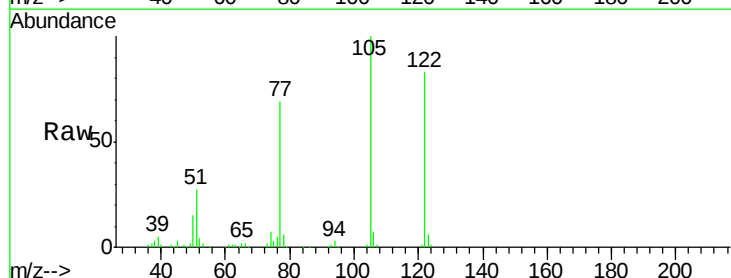
Tgt Ion:122 Resp: 295436

Ion Ratio Lower Upper

122 100

105 120.4 107.2 147.2

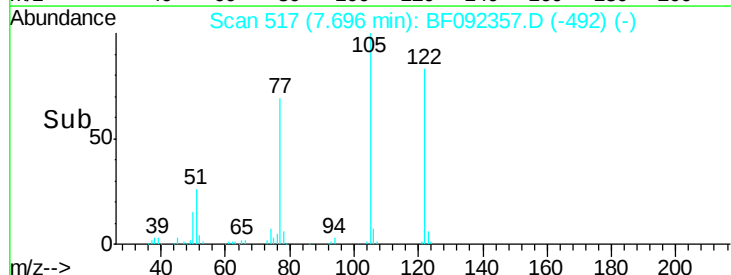
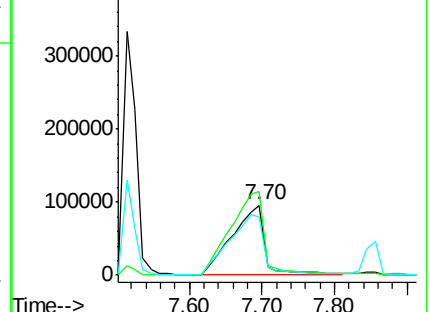
77 83.4 74.5 114.5

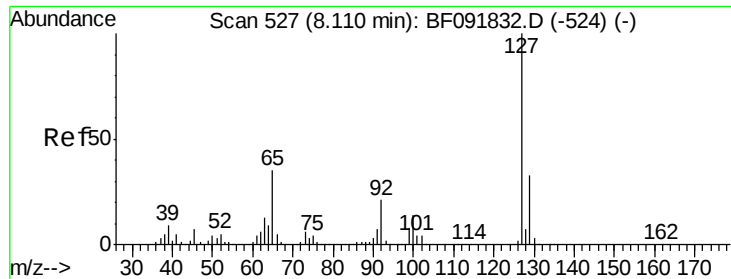


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

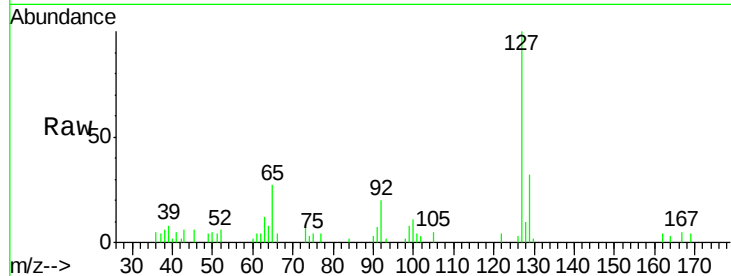




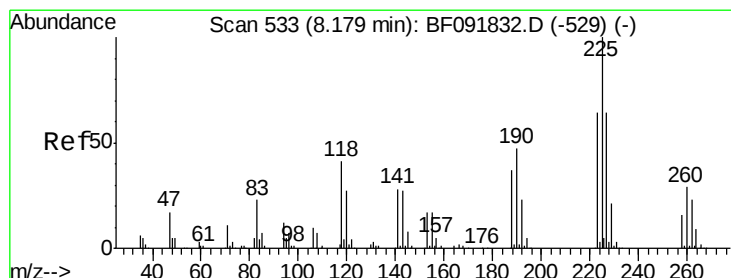
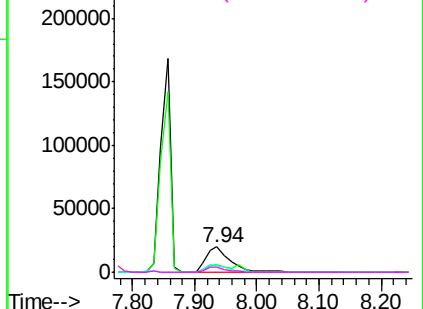
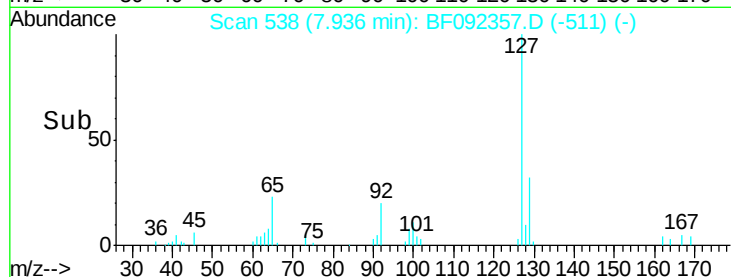
#33
4-Chloroaniline
Concen: 4.65 ng
RT: 7.94 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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

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

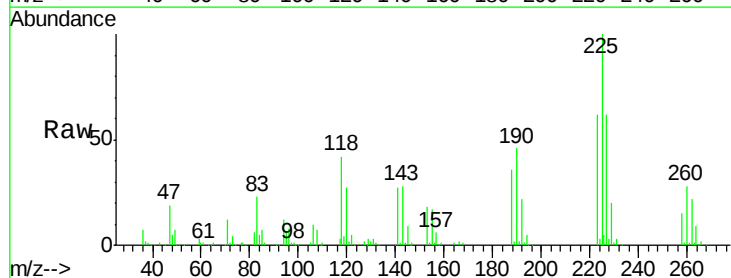


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

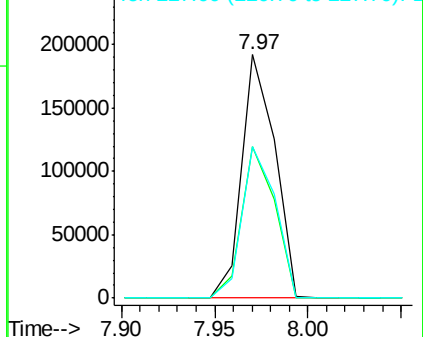
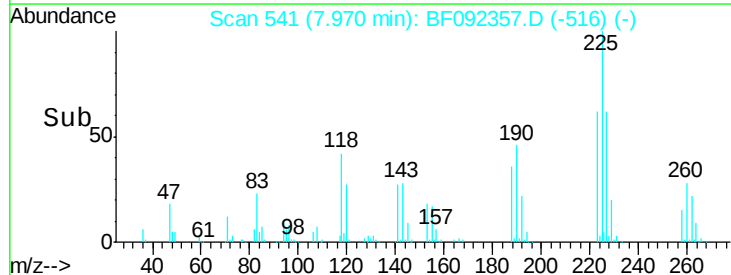


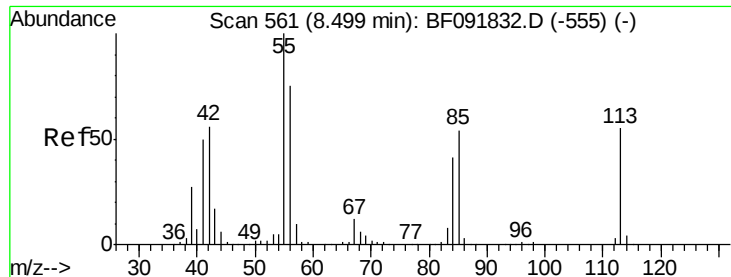
#34
Hexachlorobutadiene
Concen: 52.83 ng
RT: 7.97 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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

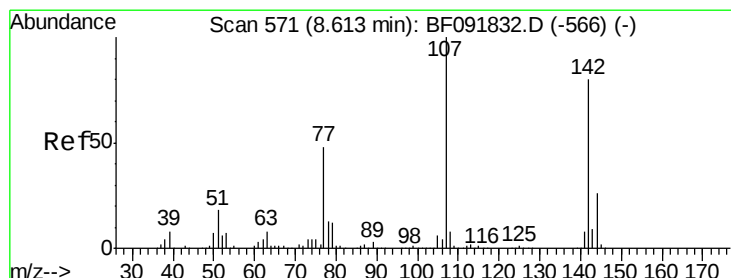
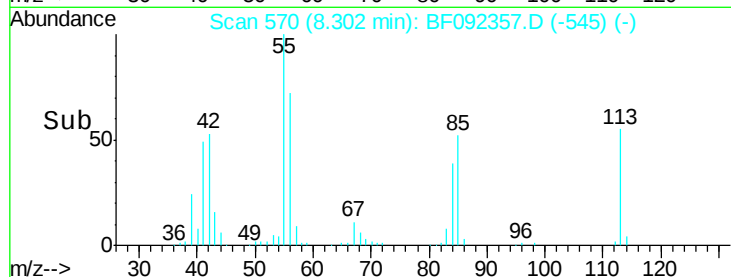
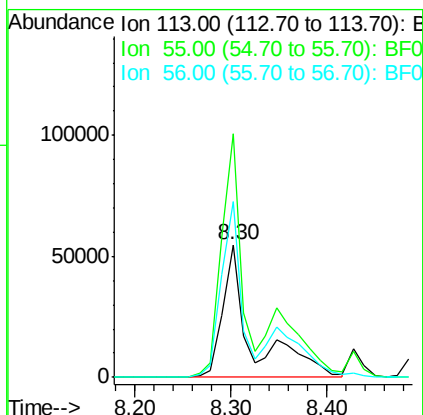
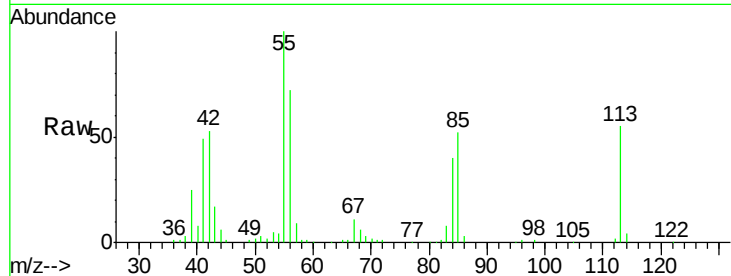




#35
 Caprolactam
 Concen: 45.68 ng m
 RT: 8.30 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

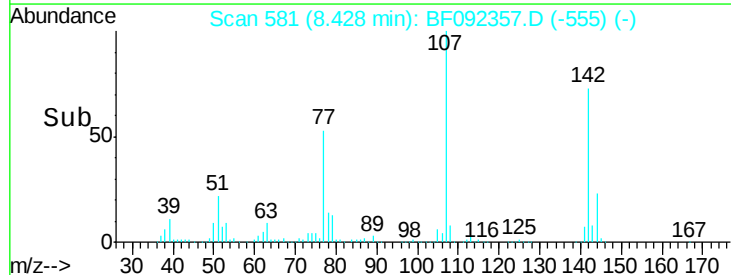
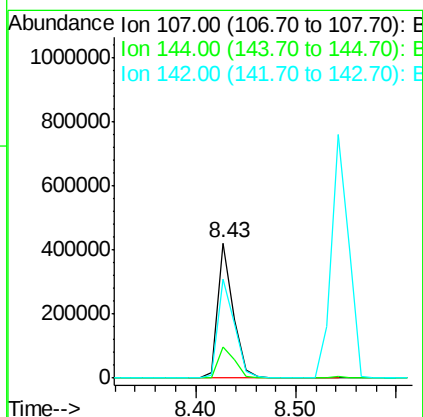
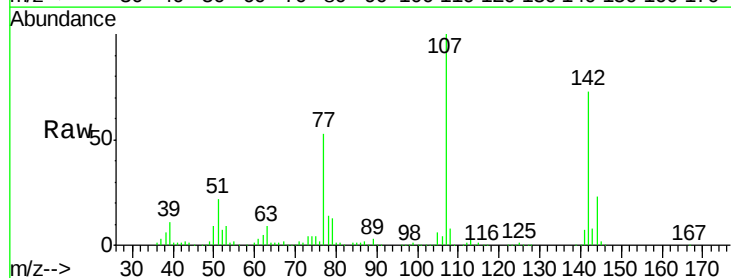
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

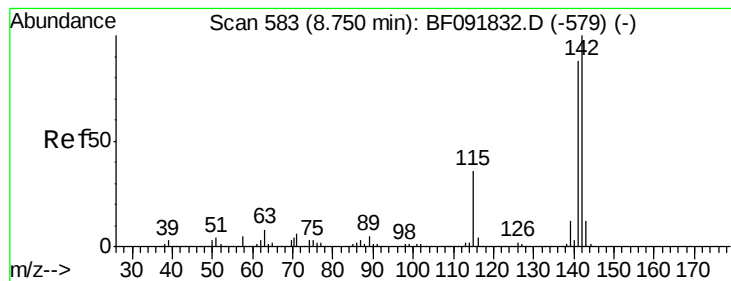
Tgt Ion:113 Resp: 115852
 Ion Ratio Lower Upper
 113 100
 55 183.2 119.2 159.2#
 56 131.9 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 51.16 ng
 RT: 8.43 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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





#37

2-Methylnaphthalene

Concen: 71.31 ng

RT: 8.54 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

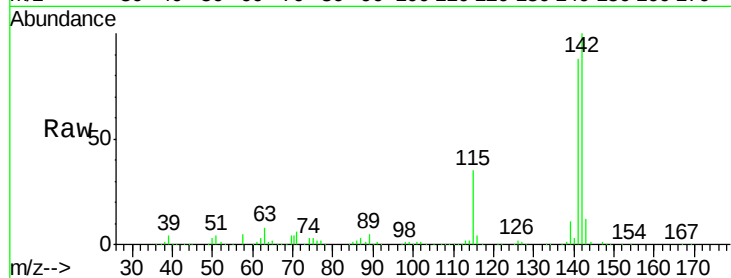
Tgt Ion:142 Resp: 910375

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

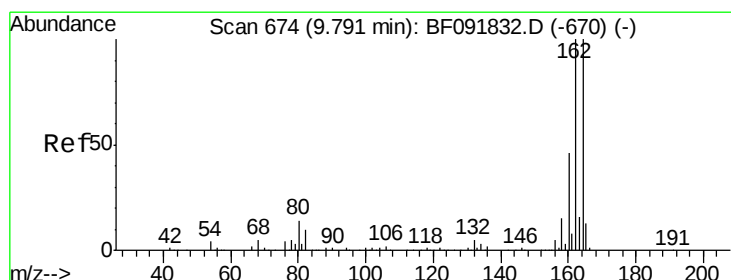
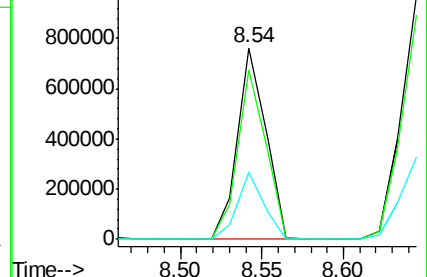
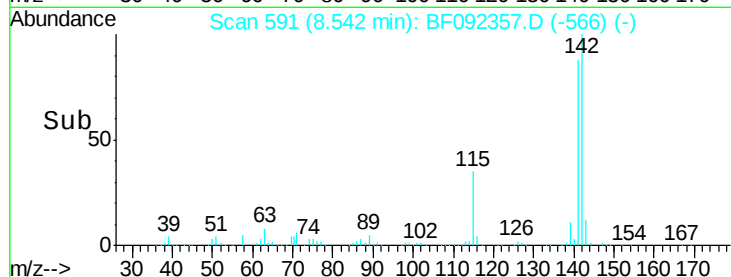
115 35.2 28.3 42.5



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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

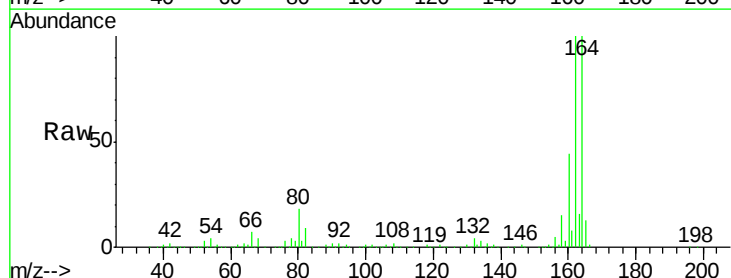
Tgt Ion:164 Resp: 391292

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

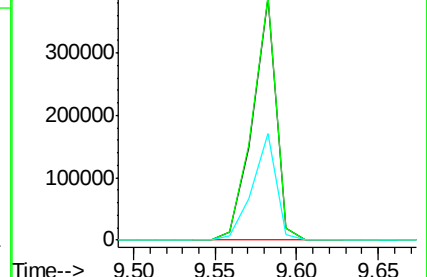
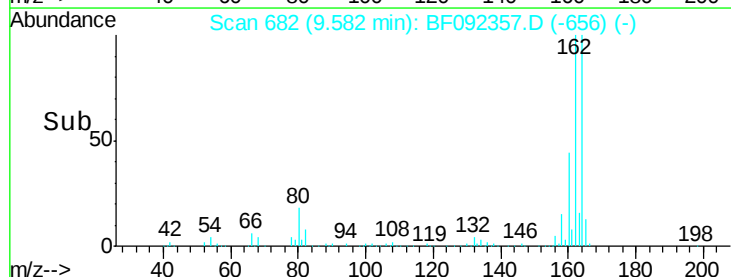
160 43.7 36.9 55.3

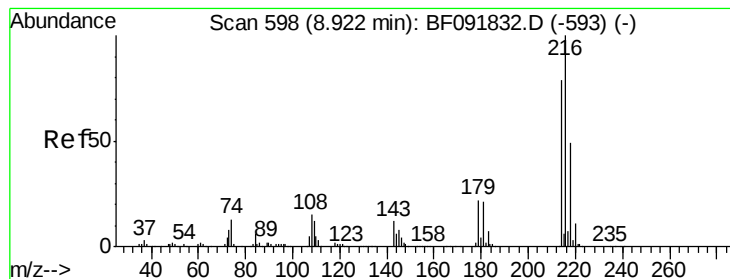


Abundance Ion 164.00 (163.70 to 164.70): E

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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion:216 Resp: 424944

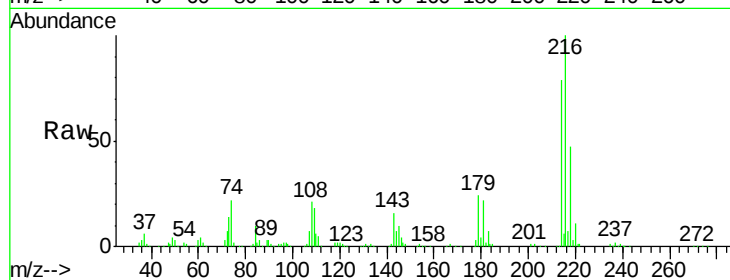
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.5 17.4 26.2

108 22.3 15.6 23.4

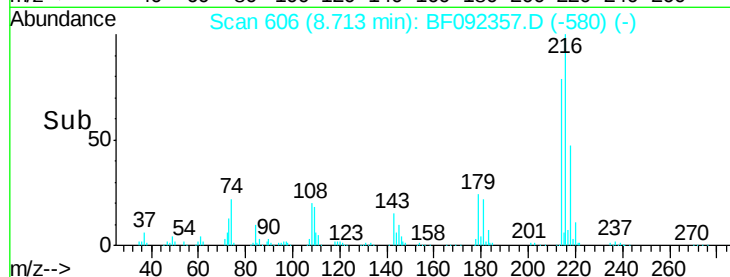


Abundance Ion 216.00 (215.70 to 216.70): E

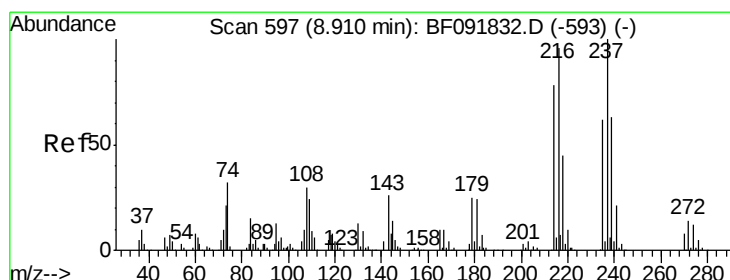
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 70.51 ng

RT: 8.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

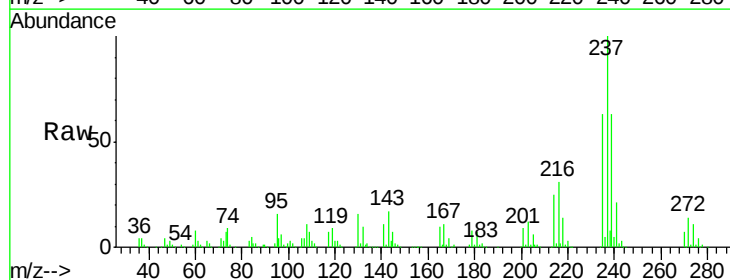
Tgt Ion:237 Resp: 308246

Ion Ratio Lower Upper

237 100

235 63.1 41.2 81.2

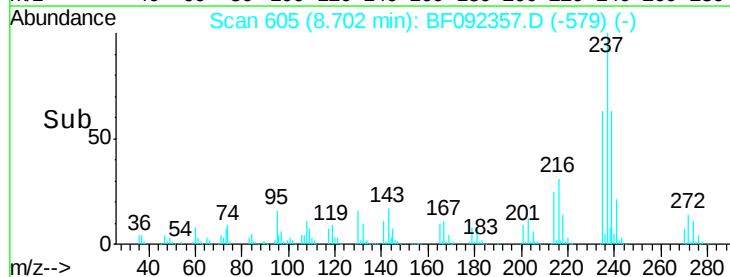
272 13.9 0.0 35.4



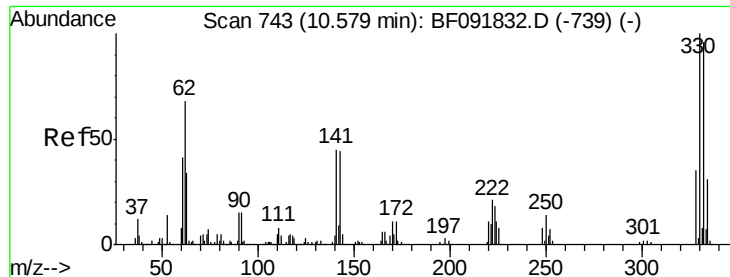
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



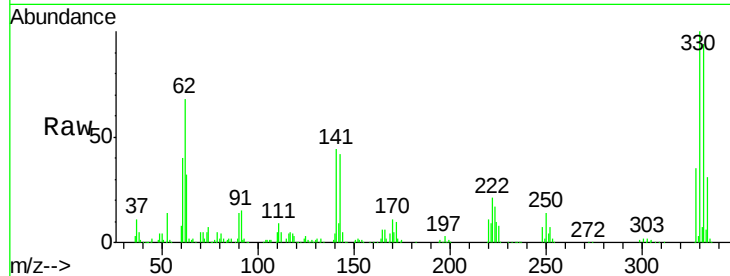
Time-->



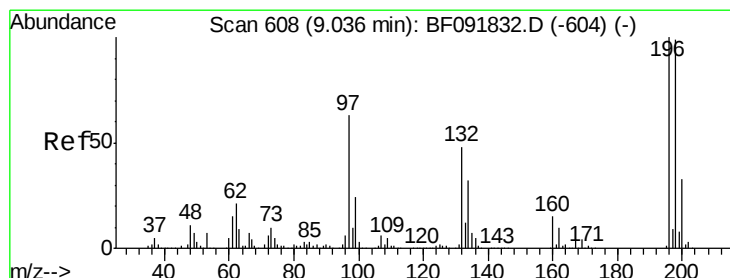
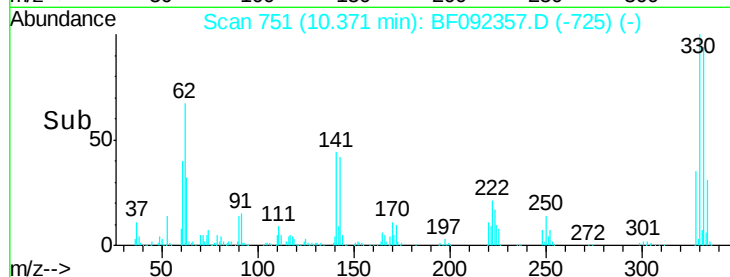
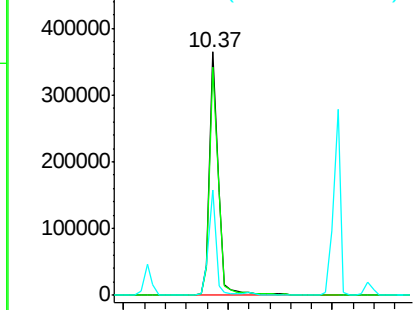
#41
 2,4,6-Tribromophenol
 Concen: 132.72 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

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

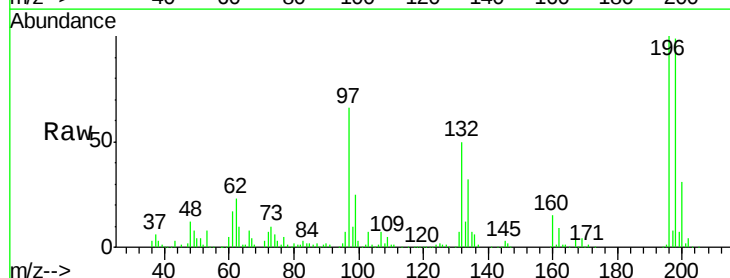


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

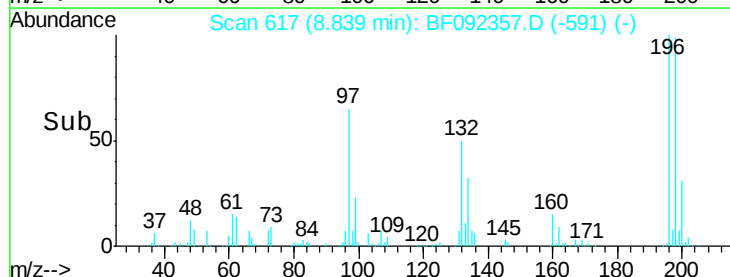
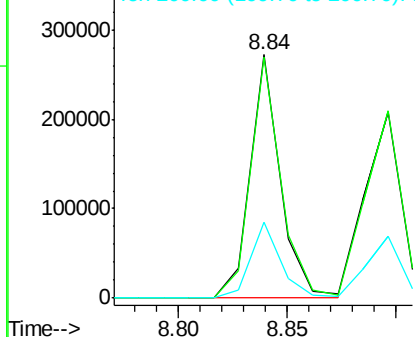


#42
 2,4,6-Trichlorophenol
 Concen: 38.11 ng
 RT: 8.84 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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



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

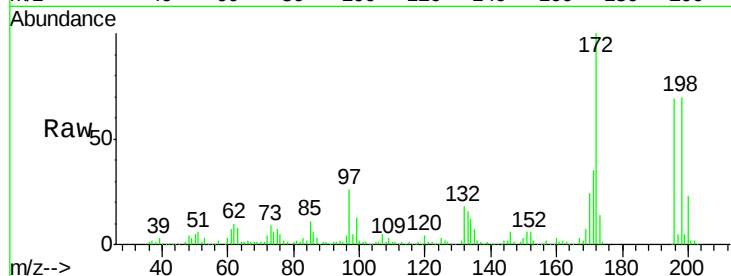




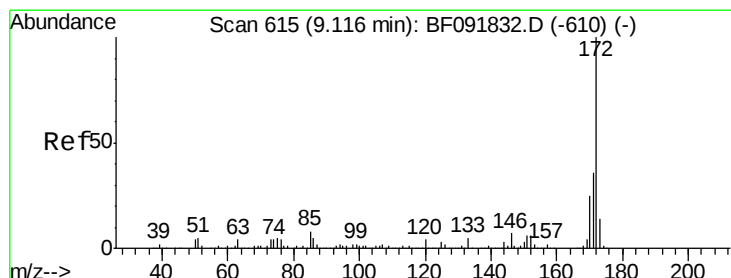
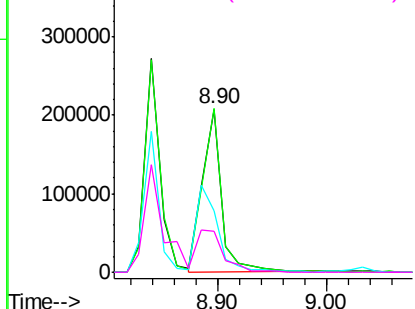
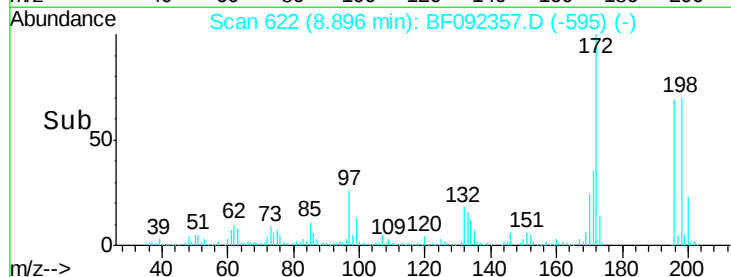
#43
 2,4,5-Trichlorophenol
 Concen: 36.08 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

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#

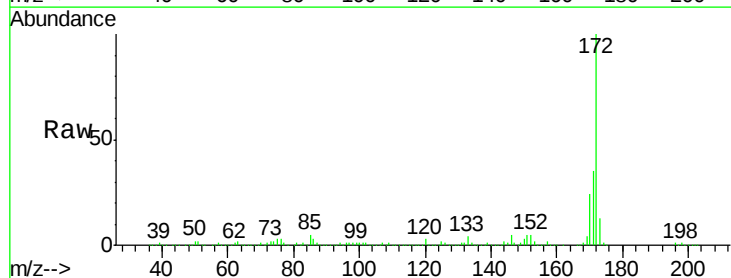


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

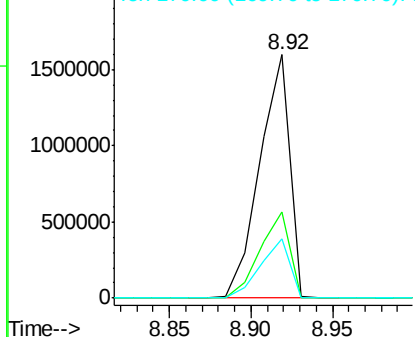
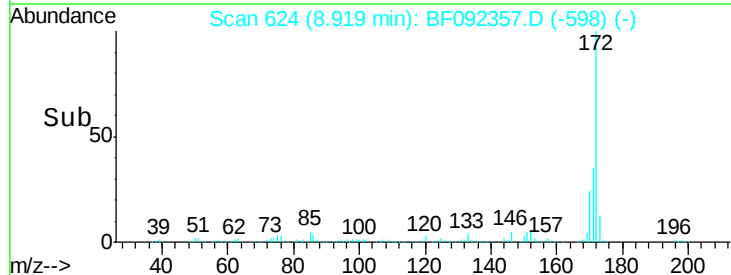


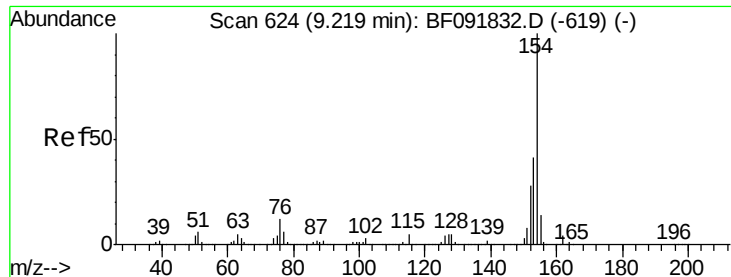
#44
 2-Fluorobiphenyl
 Concen: 110.96 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

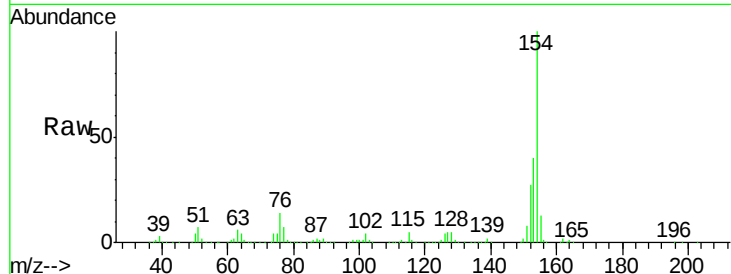




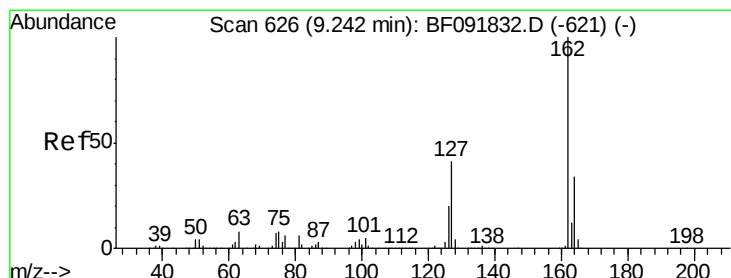
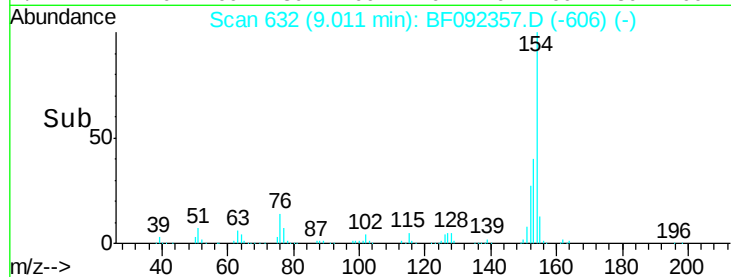
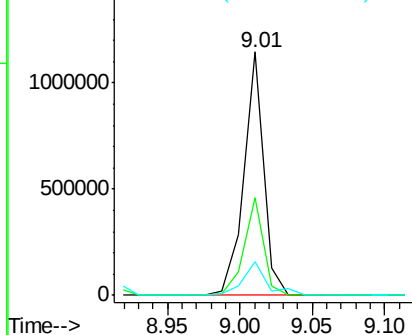
#45
 1,1'-Biphenyl
 Concen: 40.50 ng
 RT: 9.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

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

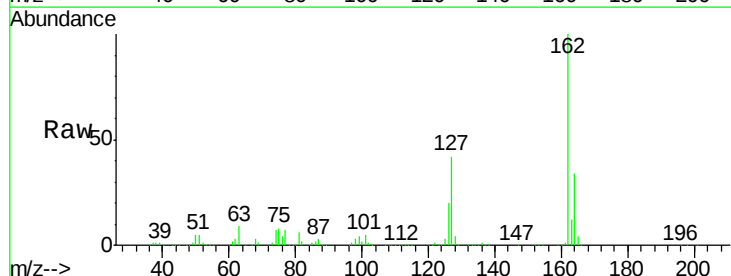


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

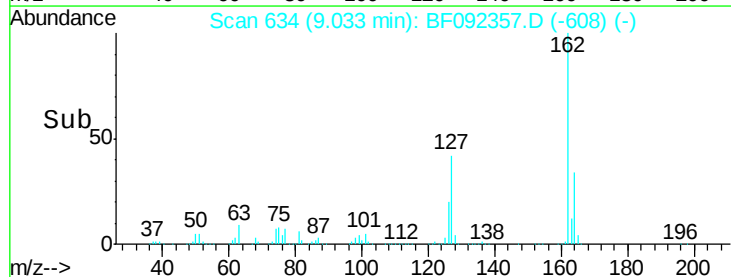
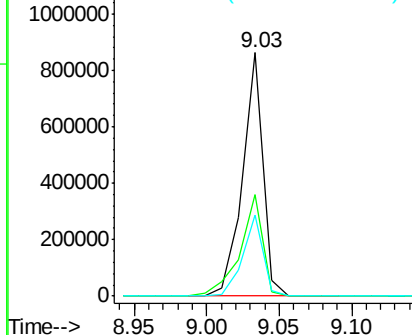


#46
 2-Chloronaphthalene
 Concen: 39.65 ng
 RT: 9.03 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

Tgt Ion:162 Resp: 841367
 Ion Ratio Lower Upper
 162 100
 127 41.9 30.7 46.1
 164 33.5 27.6 41.4



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





#47

2-Nitroaniline

Concen: 34.48 ng

RT: 9.15 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

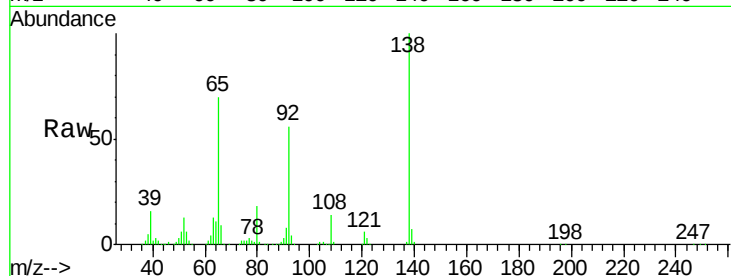
Tgt Ion: 65 Resp: 260470

Ion Ratio Lower Upper

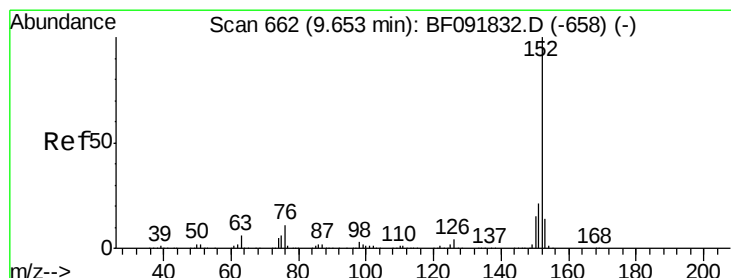
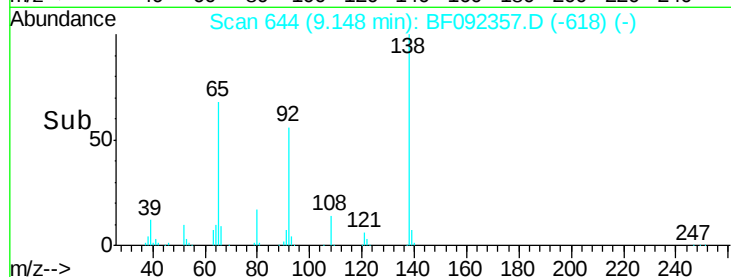
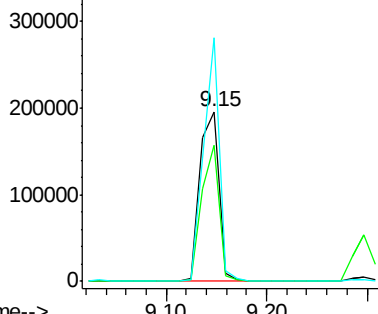
65 100

92 80.5 53.9 80.9

138 143.5 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 49.08 ng

RT: 9.44 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

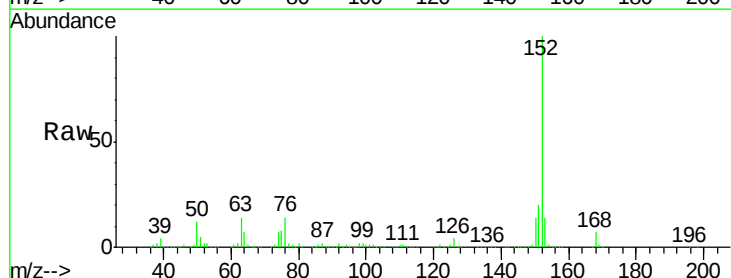
Tgt Ion: 152 Resp: 1601470

Ion Ratio Lower Upper

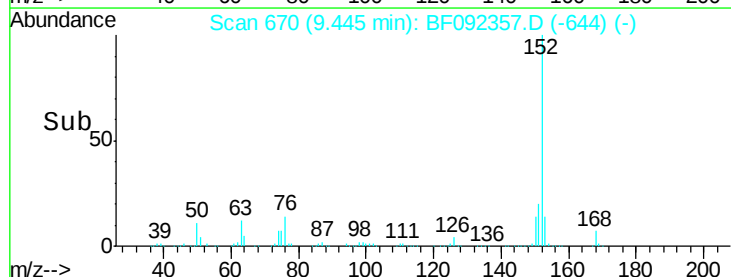
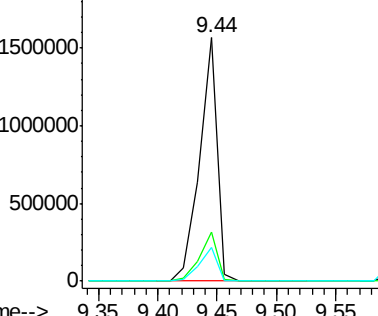
152 100

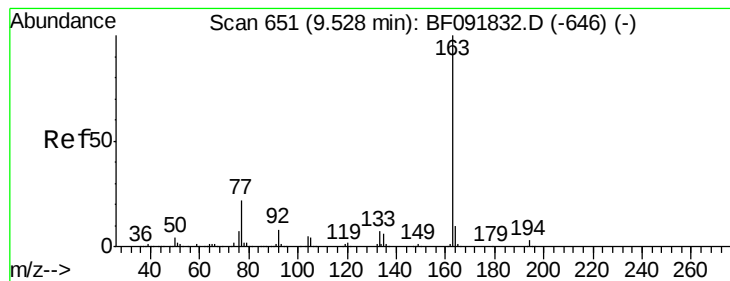
151 20.4 16.9 25.3

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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

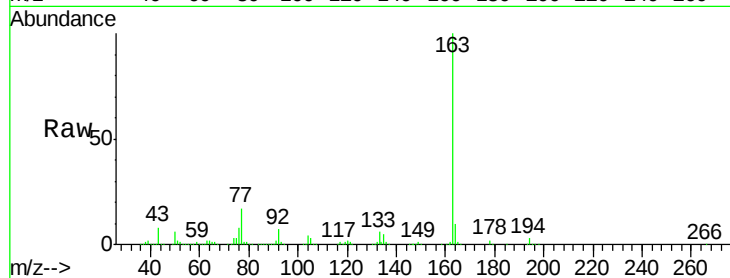
Tgt Ion:163 Resp: 1118992

Ion Ratio Lower Upper

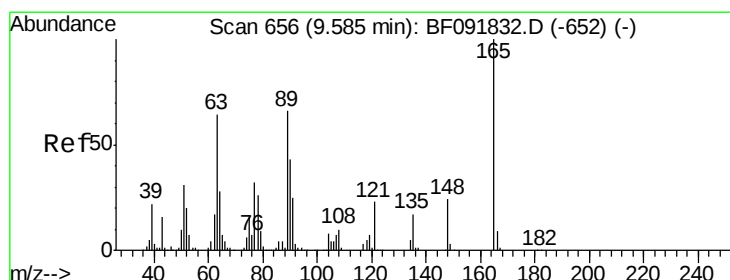
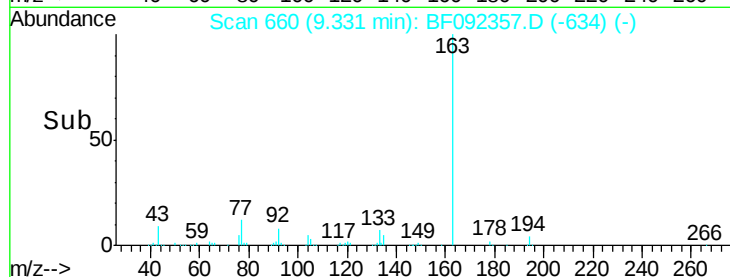
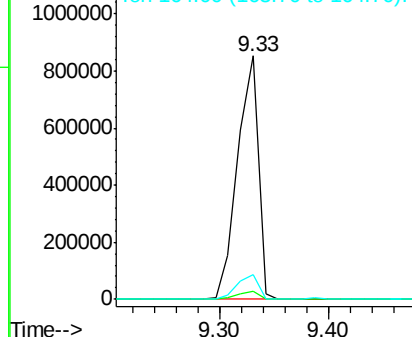
163 100

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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

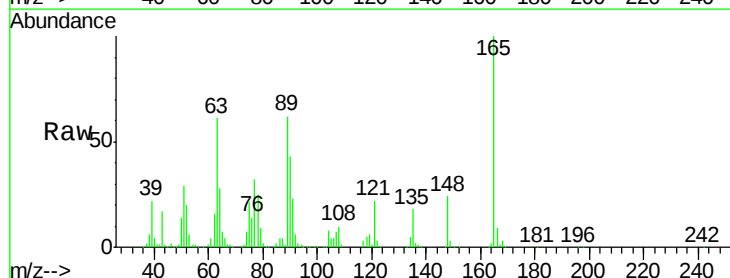
Tgt Ion:165 Resp: 235848

Ion Ratio Lower Upper

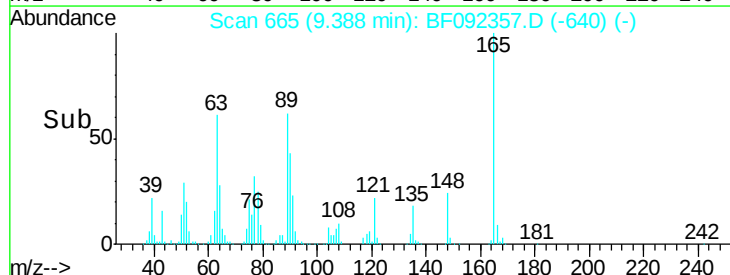
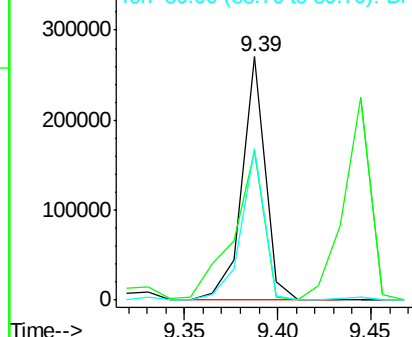
165 100

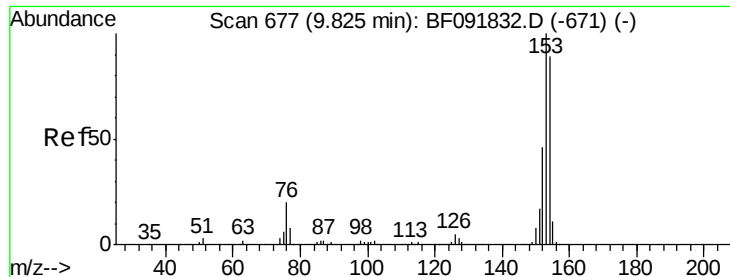
63 61.0 36.2 54.4#

89 62.1 40.2 60.4#



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





#51

Acenaphthene

Concen: 49.00 ng

RT: 9.62 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

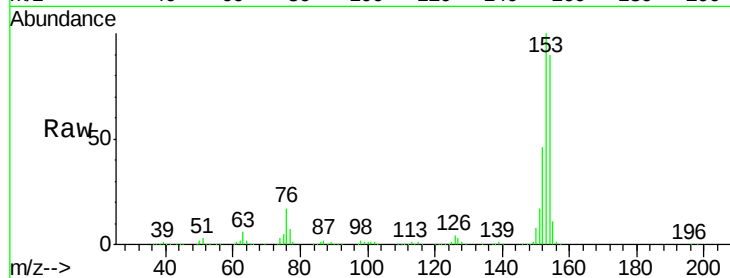
Tgt Ion:154 Resp: 1084082

Ion Ratio Lower Upper

154 100

153 110.7 88.6 133.0

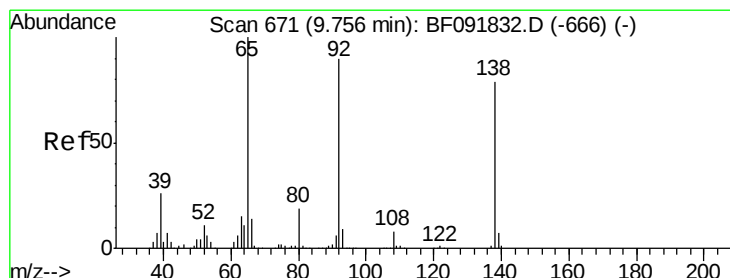
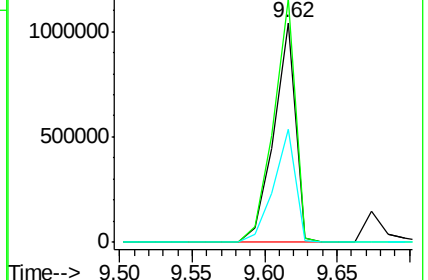
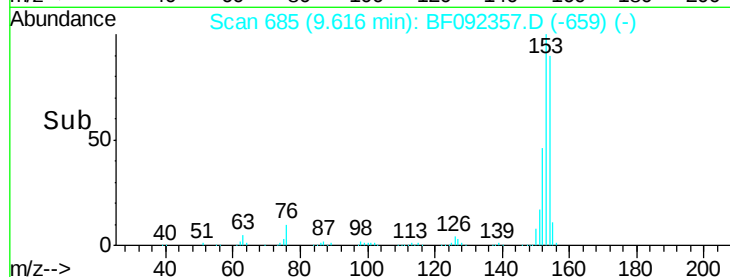
152 51.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.00 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

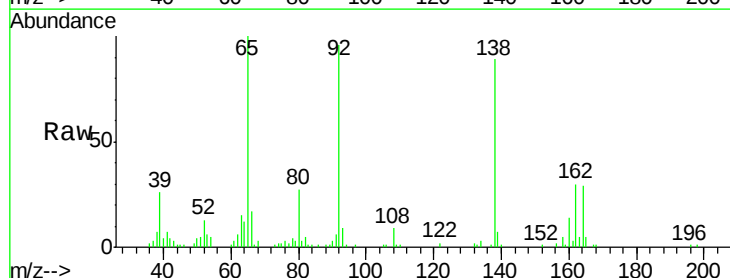
Tgt Ion:138 Resp: 47431

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

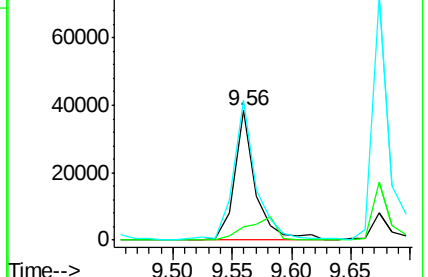
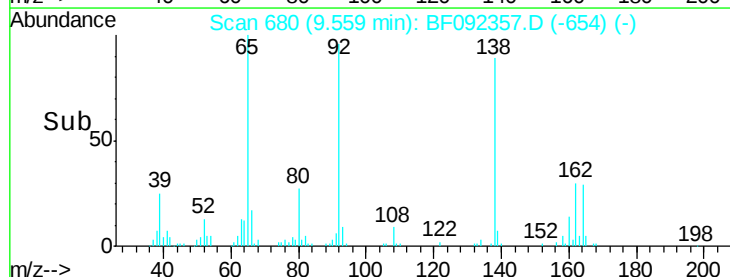
92 107.8 97.8 146.8

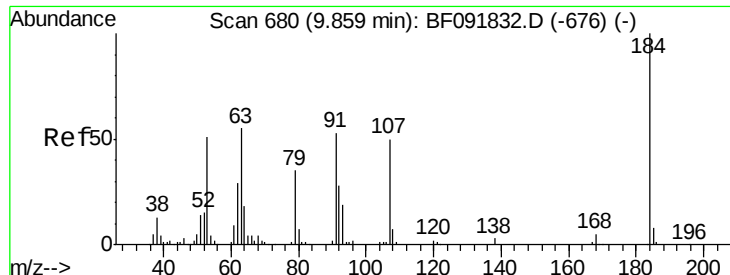


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

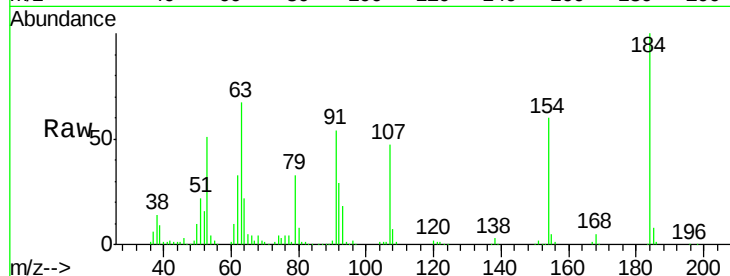




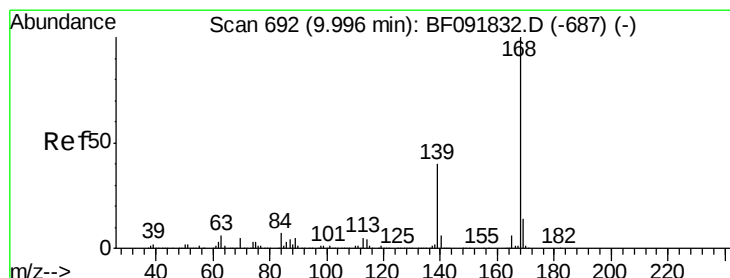
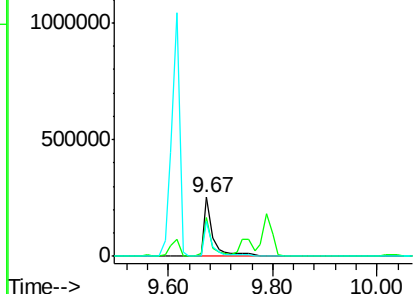
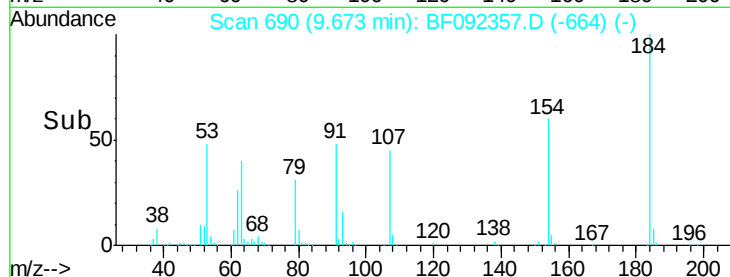
#53
2,4-Dinitrophenol
Concen: 102.55 ng
RT: 9.67 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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

Tgt Ion:184 Resp: 312556
Ion Ratio Lower Upper
184 100
63 66.6 28.4 42.6#
154 59.7 44.3 66.5

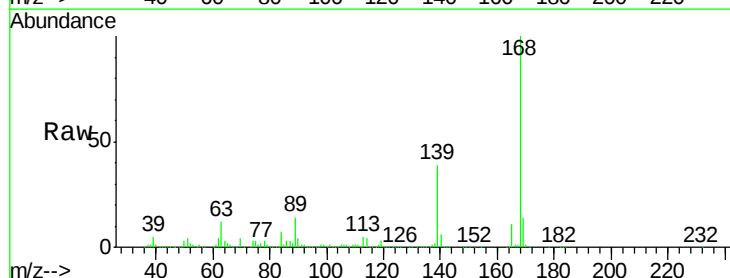


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

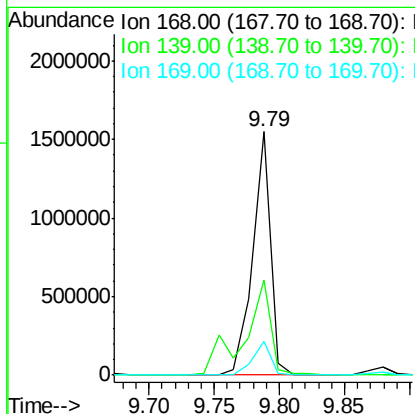
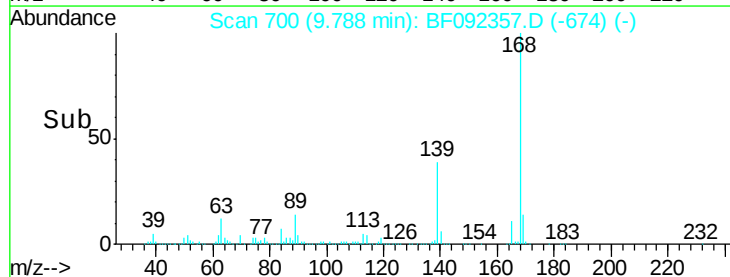


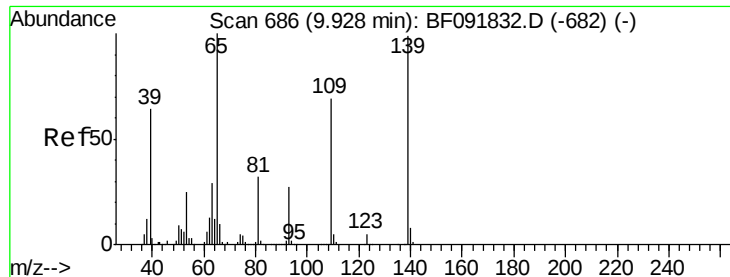
#54
Dibenzofuran
Concen: 49.32 ng
RT: 9.79 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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



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

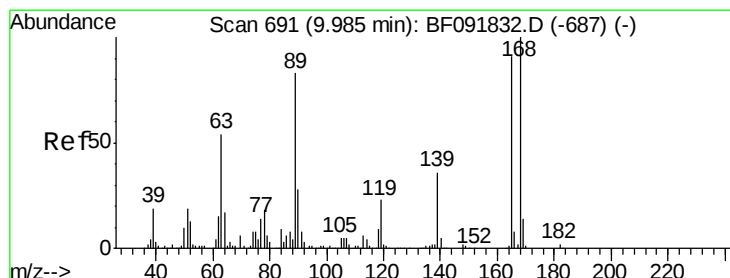
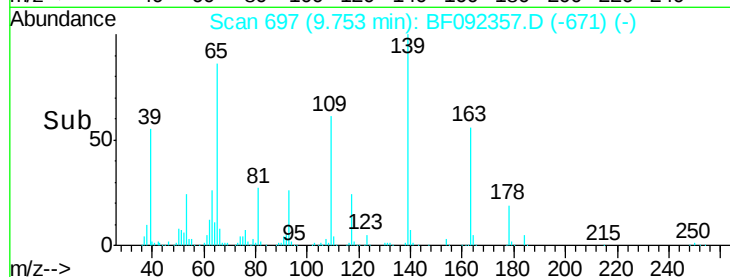
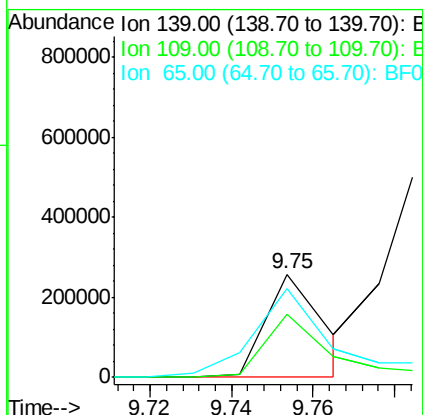
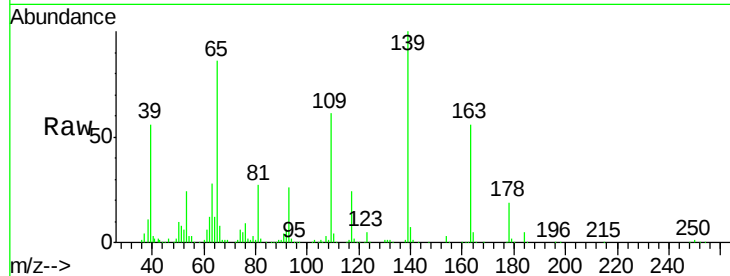




#55
4-Nitrophenol
Concen: 55.22 ng m
RT: 9.75 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

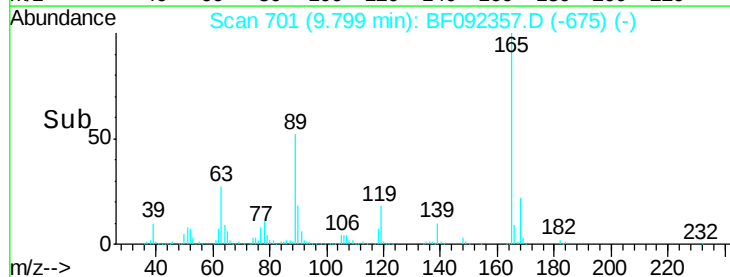
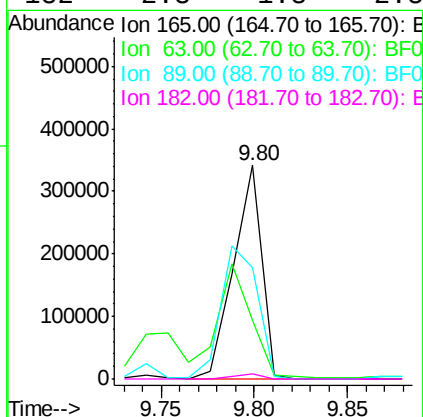
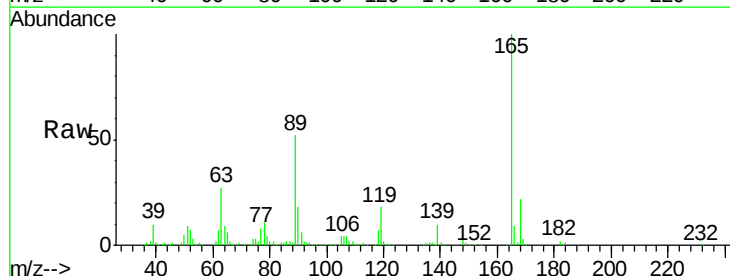
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

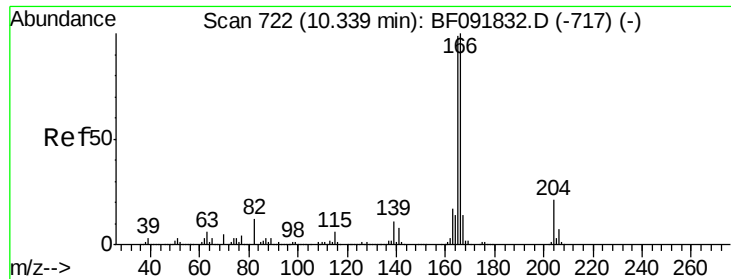
Tgt Ion:139 Resp: 254171
Ion Ratio Lower Upper
139 100
109 61.5 52.2 92.2
65 86.2 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 52.63 ng
RT: 9.80 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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

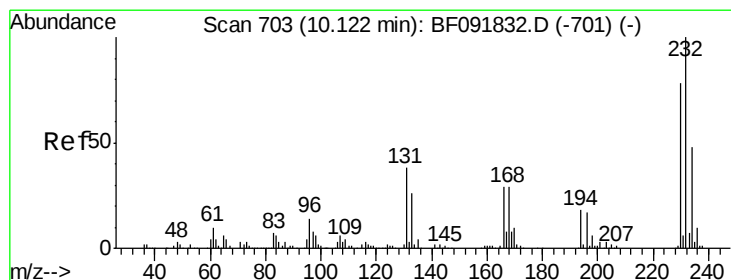
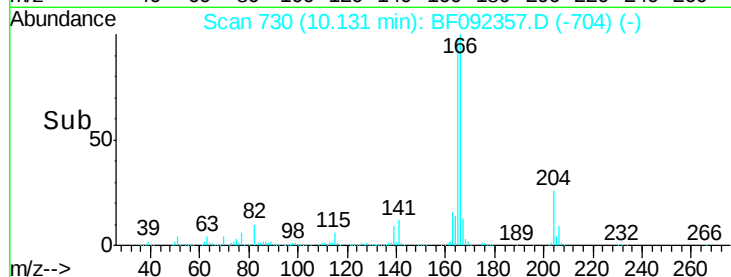
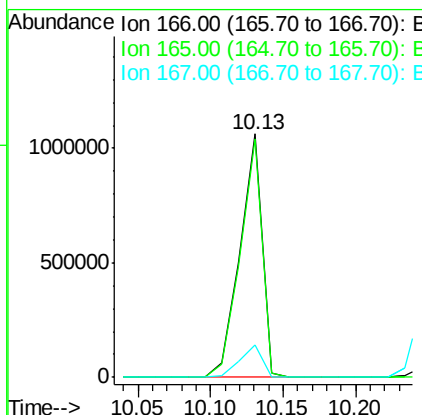
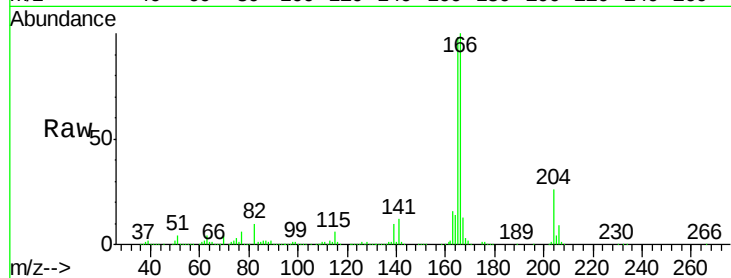




#57
 Fluorene
 Concen: 51.93 ng
 RT: 10.13 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

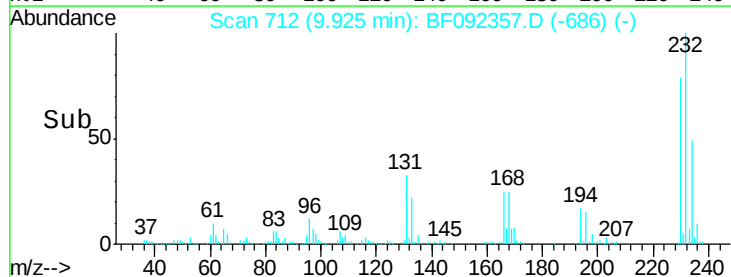
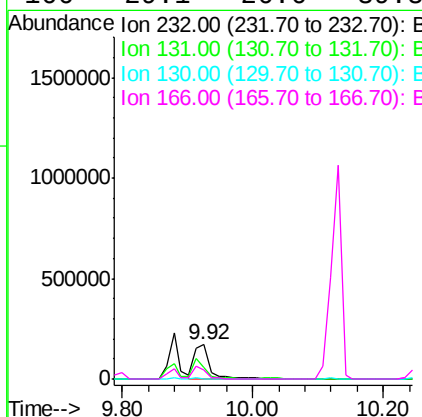
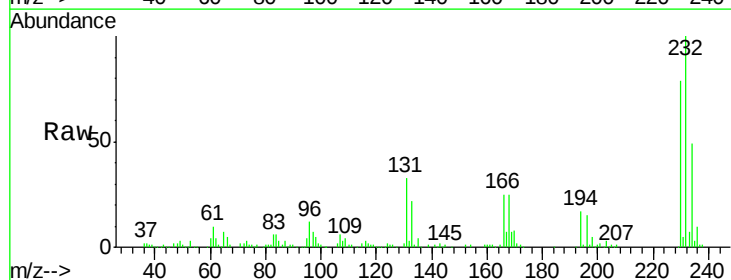
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

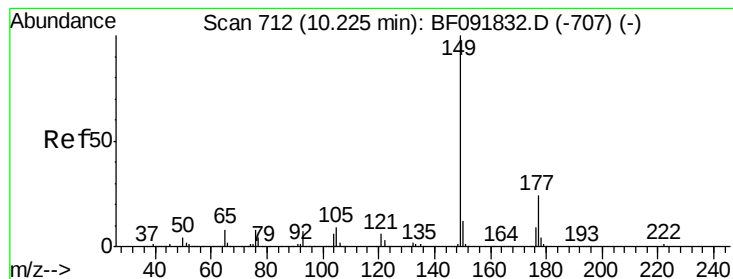
Tgt Ion:166 Resp: 1128677
 Ion Ratio Lower Upper
 166 100
 165 97.8 77.8 116.8
 167 13.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.83 ng
 RT: 9.92 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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





#59

Diethylphthalate

Concen: 51.25 ng

RT: 10.03 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

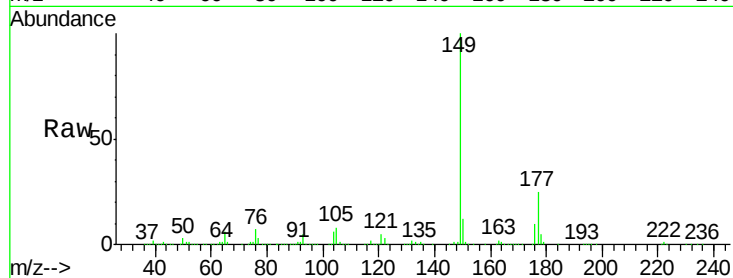
Tgt Ion:149 Resp: 1245602

Ion Ratio Lower Upper

149 100

177 24.8 16.6 25.0

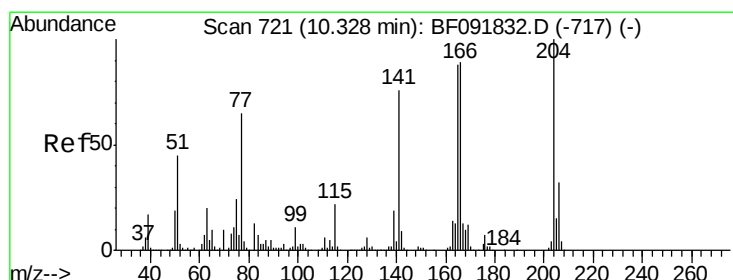
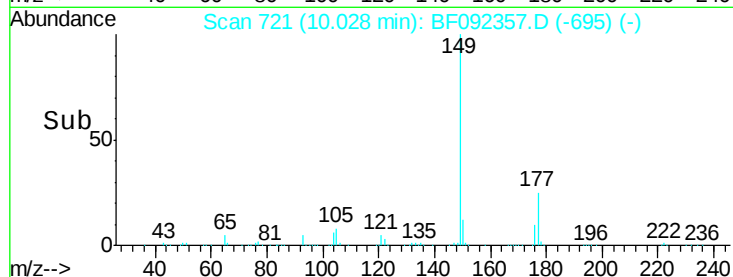
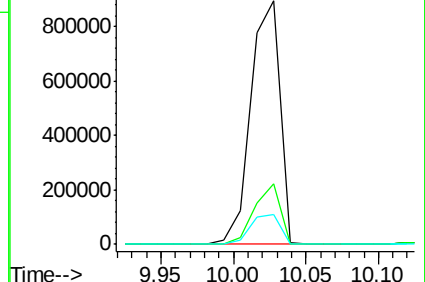
150 12.2 10.4 15.6



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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

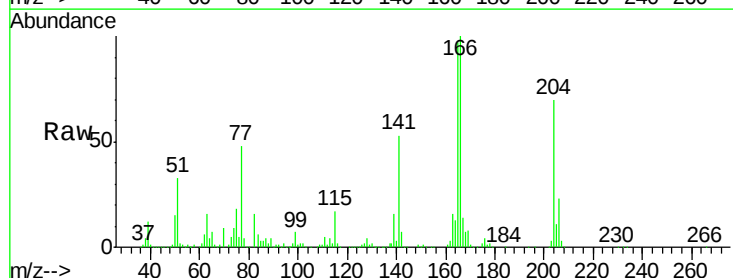
Tgt Ion:204 Resp: 455678

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

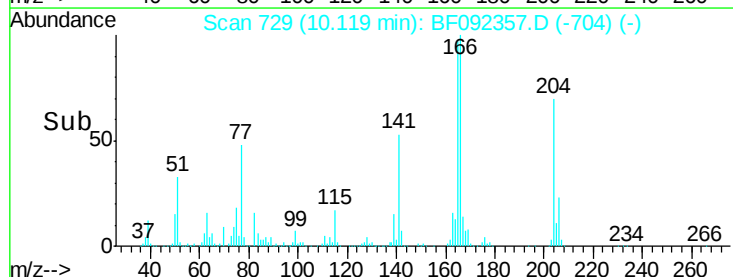
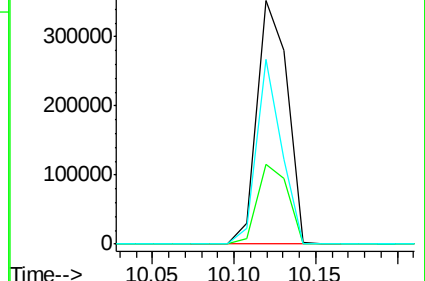
141 75.9 59.4 89.0

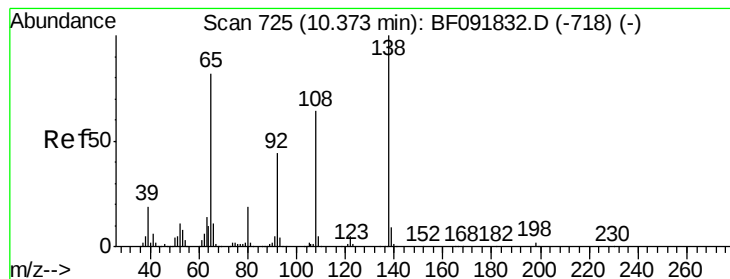


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.18 ng

RT: 10.16 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

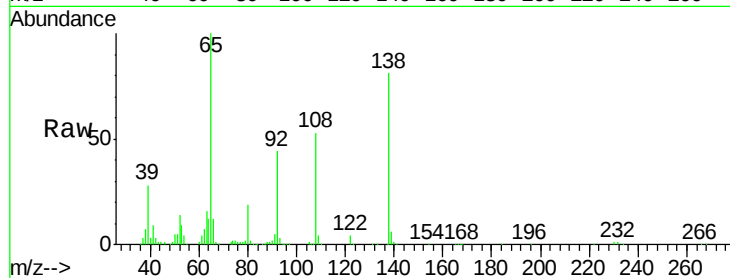
Tgt Ion:138 Resp: 233078

Ion Ratio Lower Upper

138 100

92 53.7 31.7 71.7

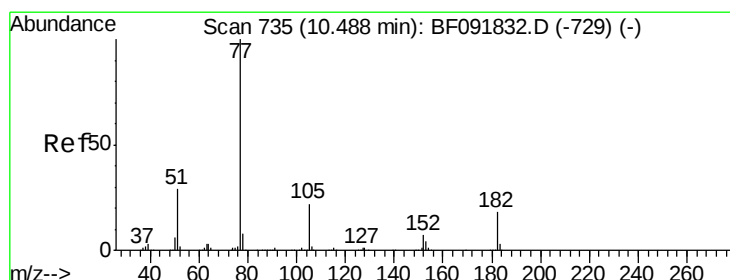
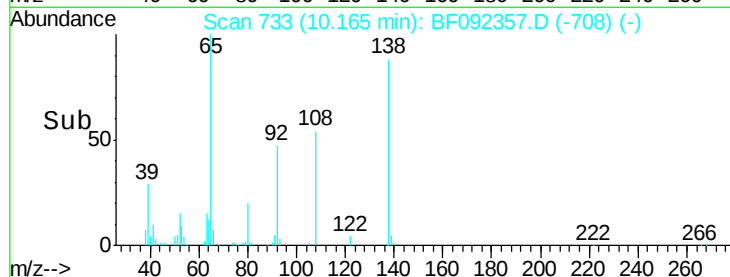
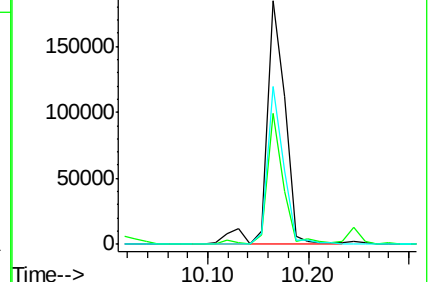
108 65.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.50 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Tgt Ion: 77 Resp: 1324593

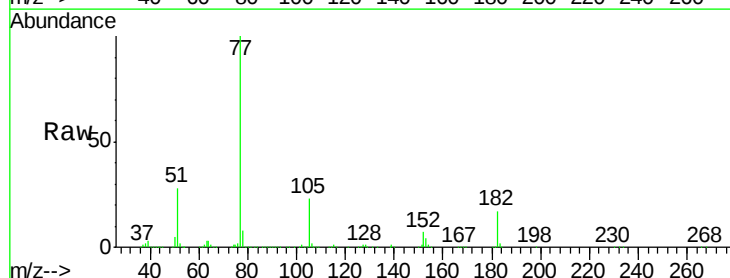
Ion Ratio Lower Upper

77 100

182 17.3 0.0 39.3

105 22.8 2.3 42.3

51 28.0 8.9 48.9

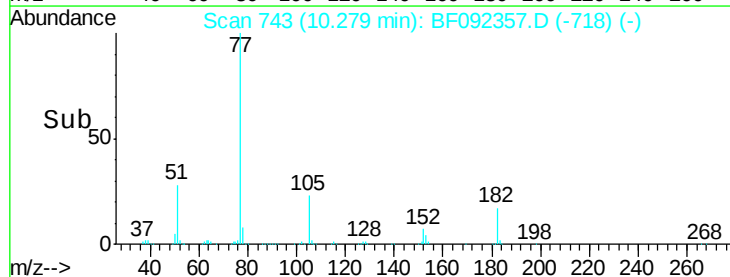
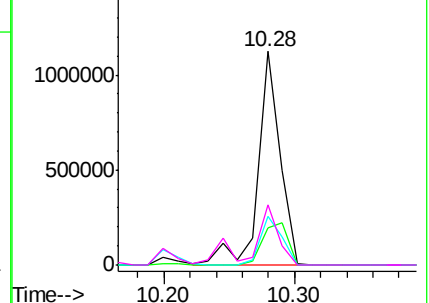


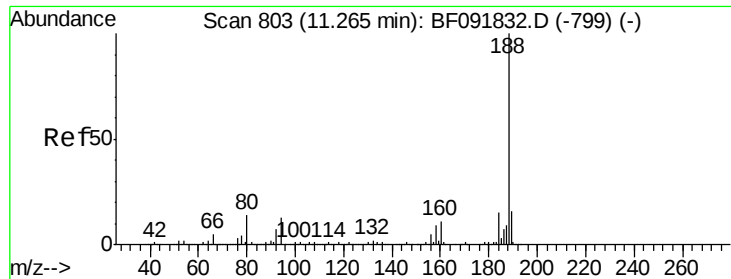
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

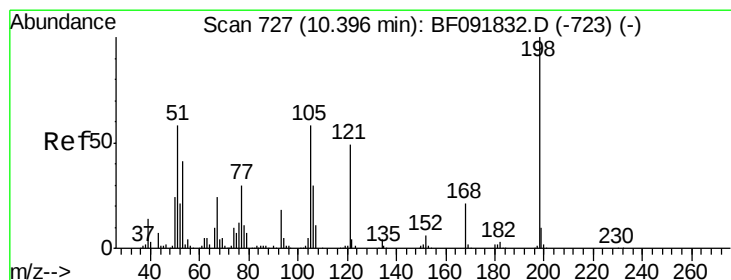
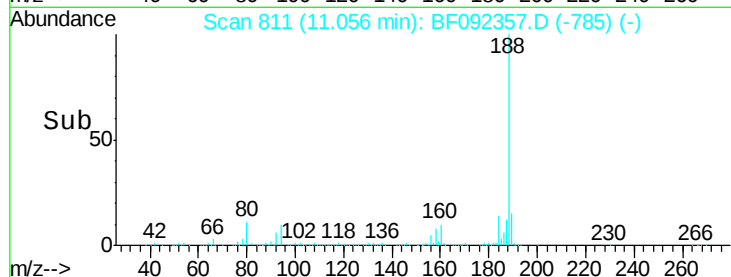
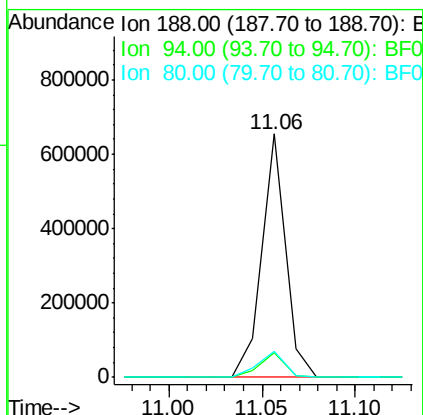
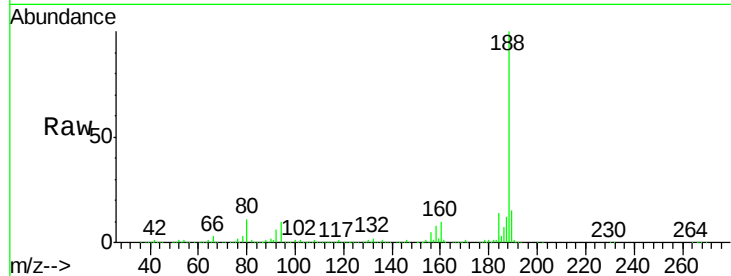




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

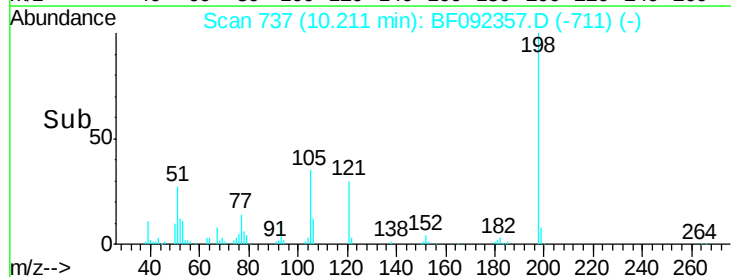
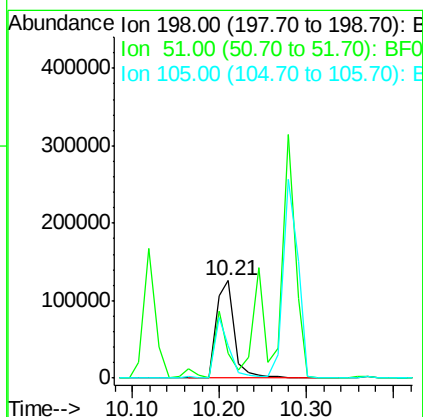
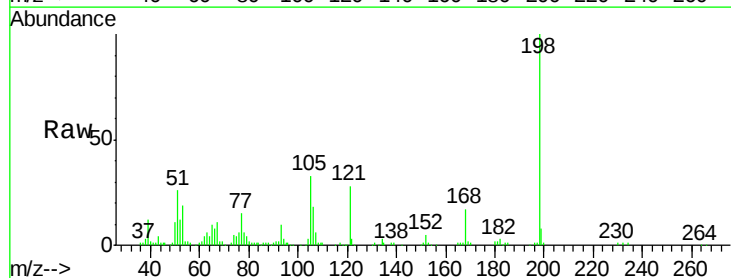
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

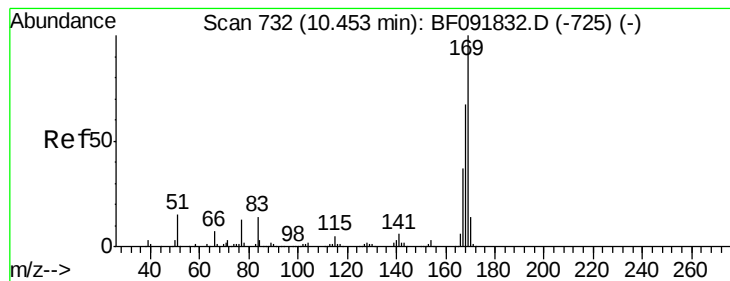
Tgt Ion:188 Resp: 574505
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 10.8 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 53.54 ng
RT: 10.21 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

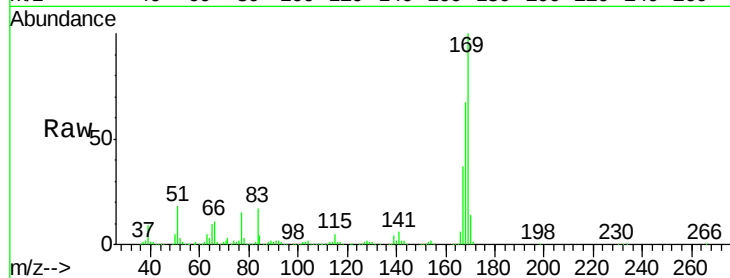
Tgt Ion:169 Resp: 897305

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

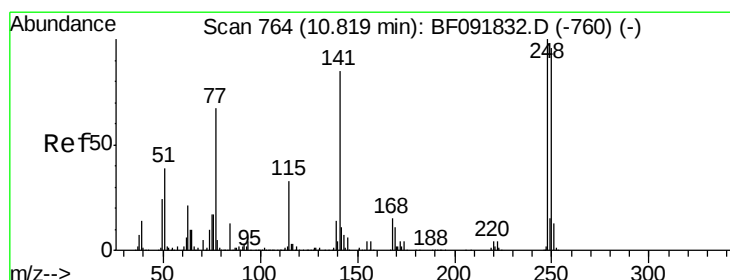
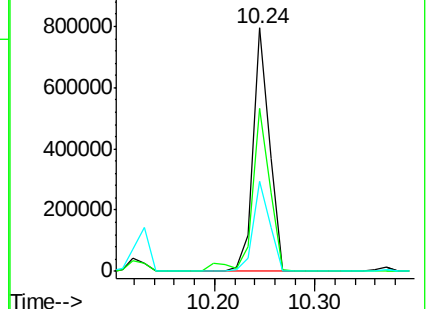
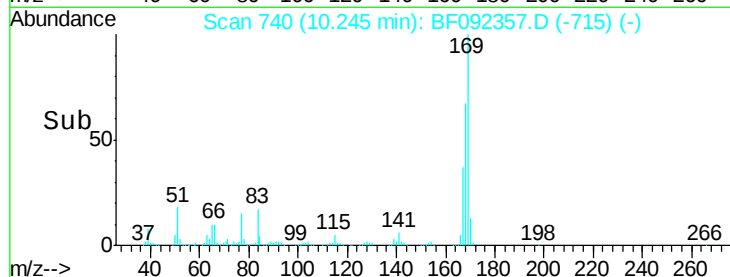
167 36.9 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 57.83 ng

RT: 10.61 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

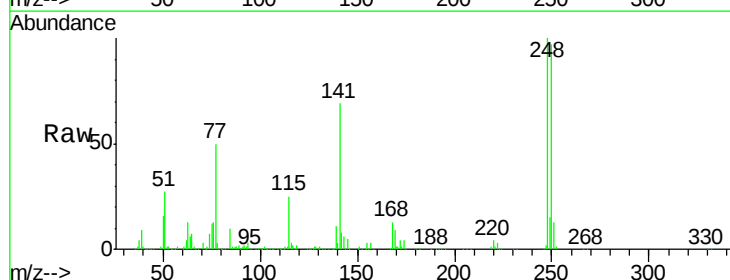
Tgt Ion:248 Resp: 345580

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

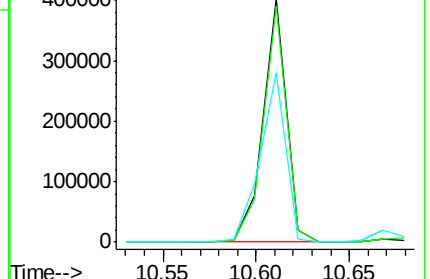
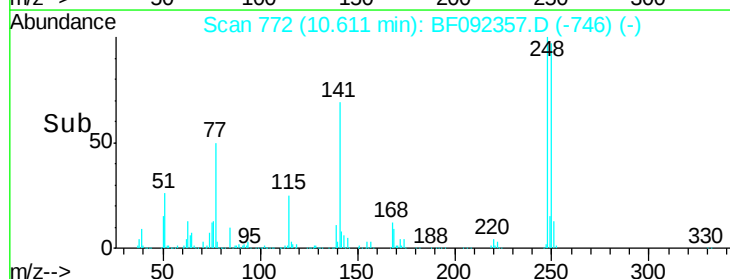
141 69.4 68.2 102.4

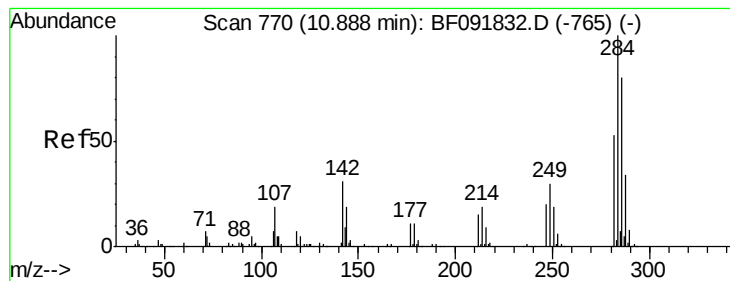


Abundance Ion 248.00 (247.70 to 248.70): E

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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

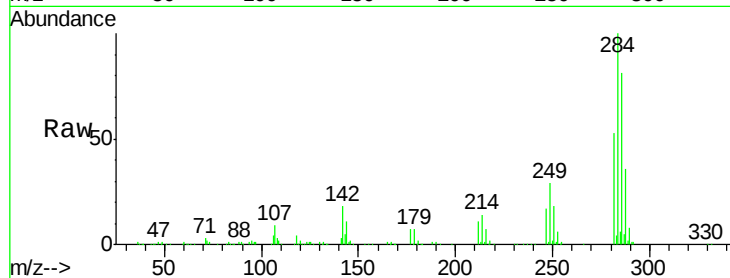
Tgt Ion:284 Resp: 343390

Ion Ratio Lower Upper

284 100

142 18.2 22.6 33.8#

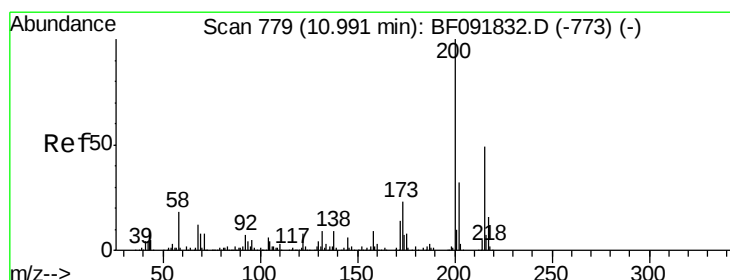
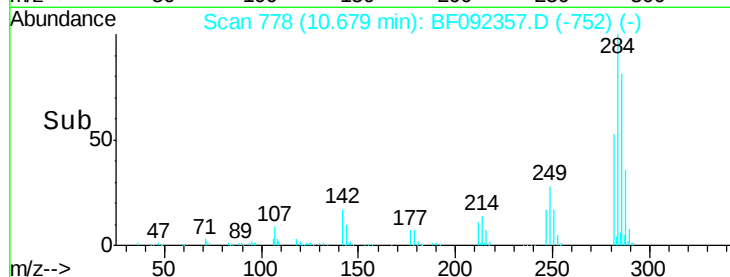
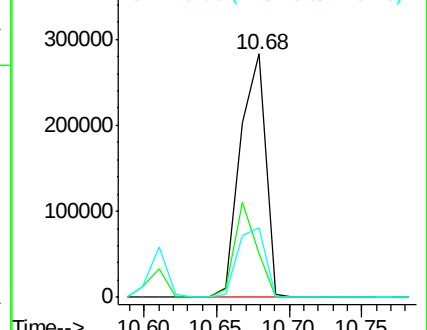
249 28.6 25.4 38.0



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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

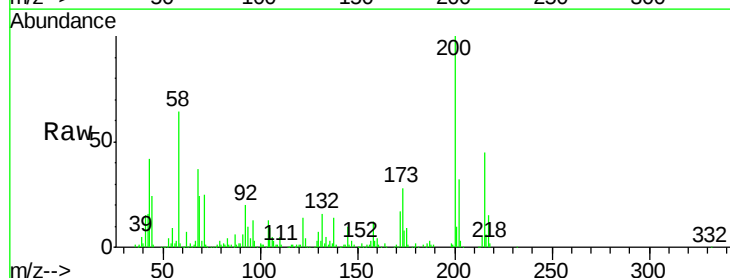
Tgt Ion:200 Resp: 233994

Ion Ratio Lower Upper

200 100

173 28.1 9.6 49.6

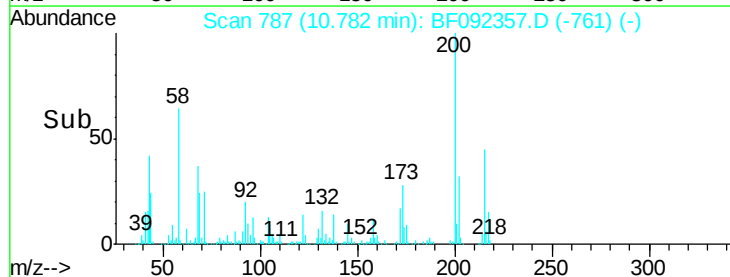
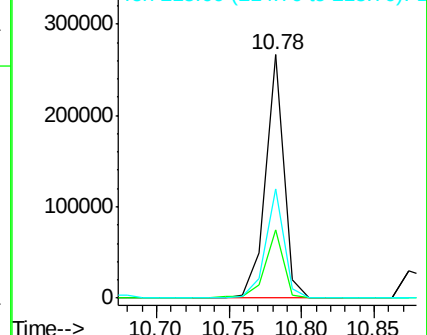
215 44.6 25.7 65.7

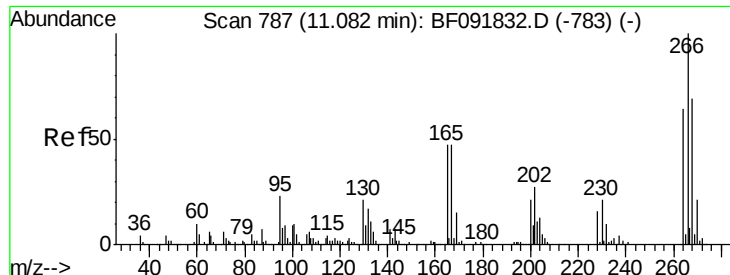


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

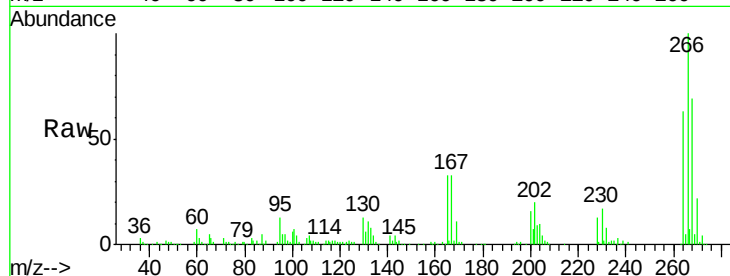




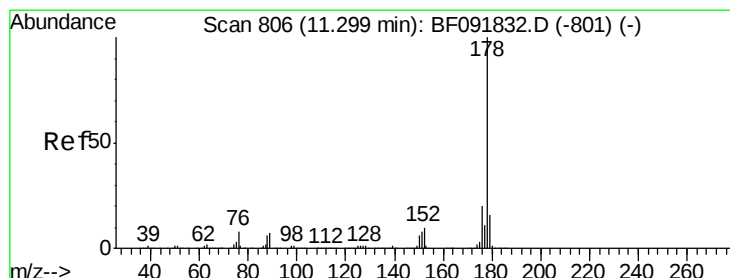
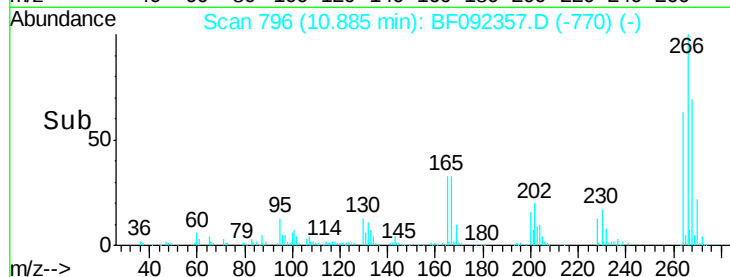
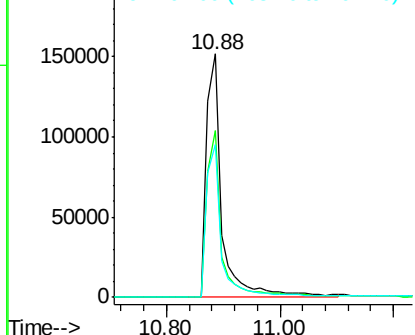
#69
 Pentachlorophenol
 Concen: 88.07 ng
 RT: 10.88 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

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

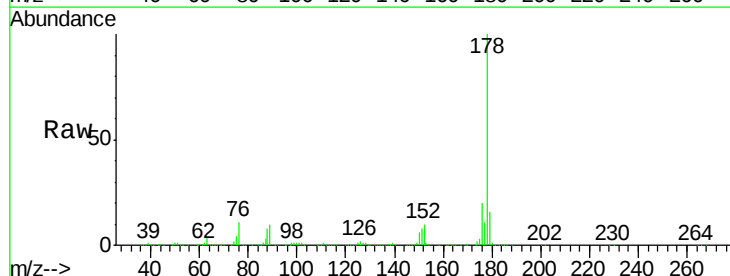


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

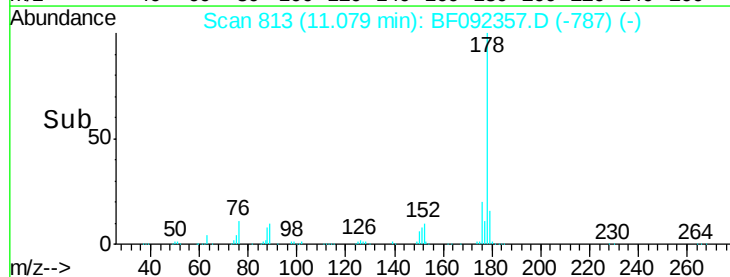
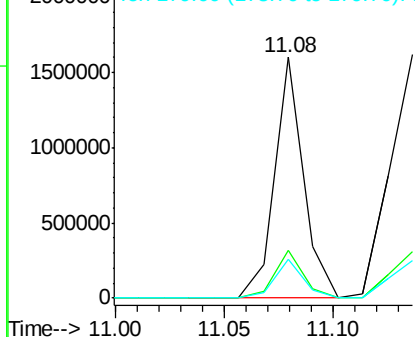


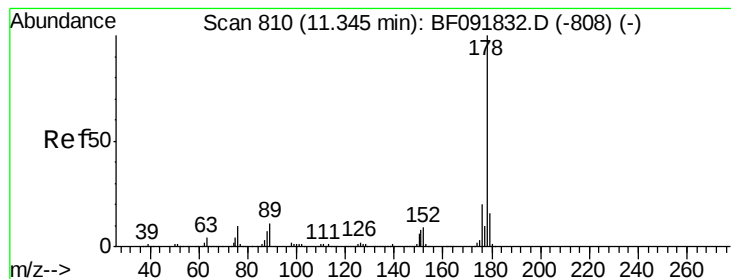
#70
 Phenanthrene
 Concen: 48.05 ng
 RT: 11.08 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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



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





#71

Anthracene

Concen: Below Cal

RT: 11.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

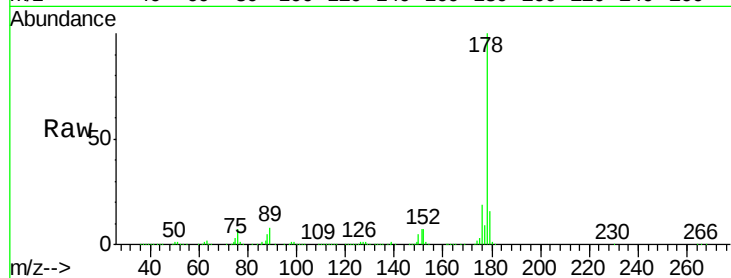
Tgt Ion:178 Resp: 1726675

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

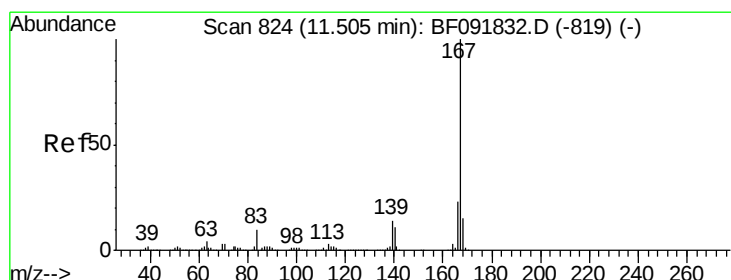
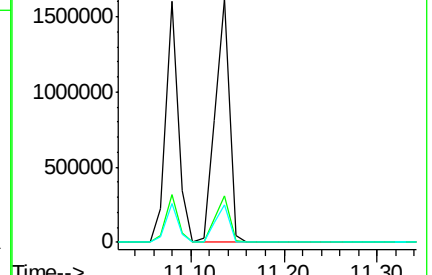
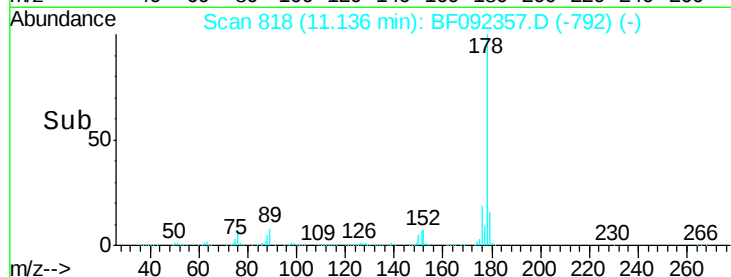
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: Below Cal

RT: 11.30 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

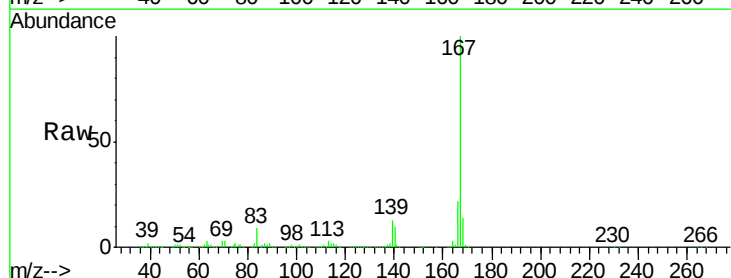
Tgt Ion:167 Resp: 1369264

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

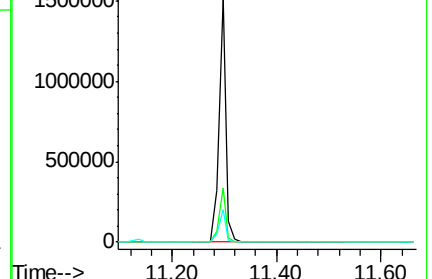
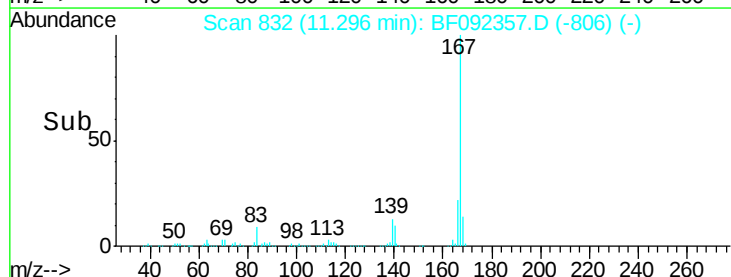
139 13.2 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 66.09 ng

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

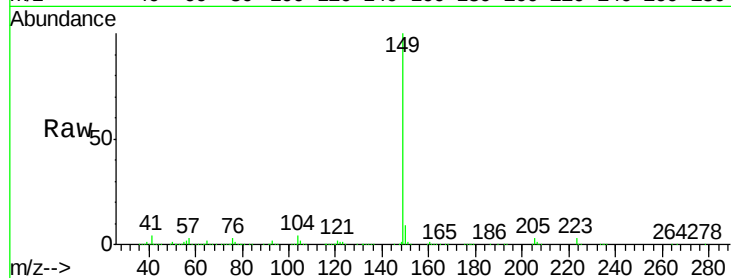
Tgt Ion:149 Resp: 1894128

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

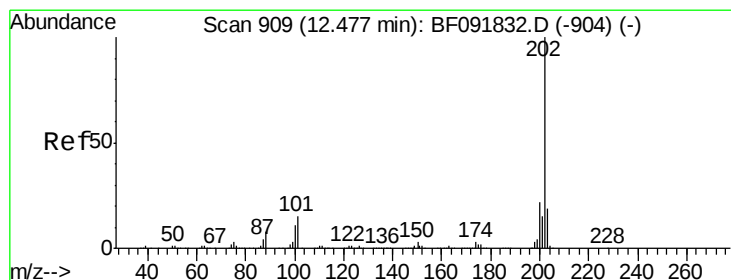
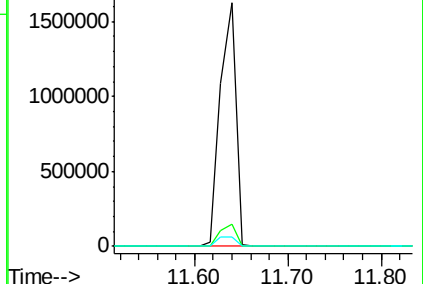
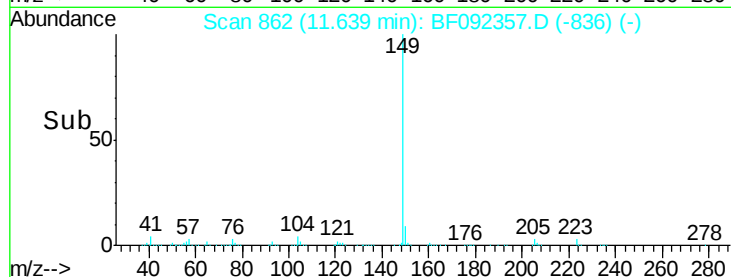
104 3.9 4.6 7.0#



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



#74

Fluoranthene

Concen: 51.70 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

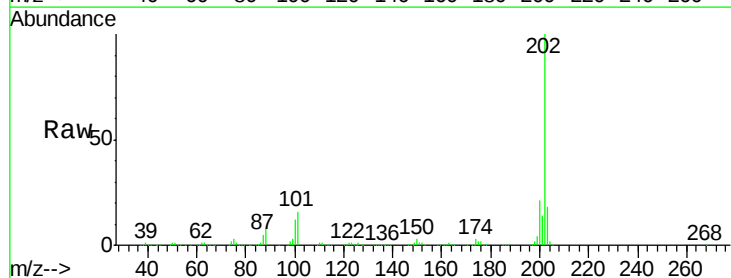
Tgt Ion:202 Resp: 1397428

Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.6

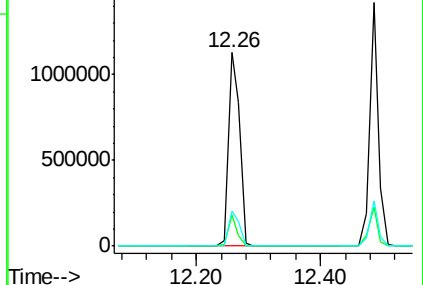
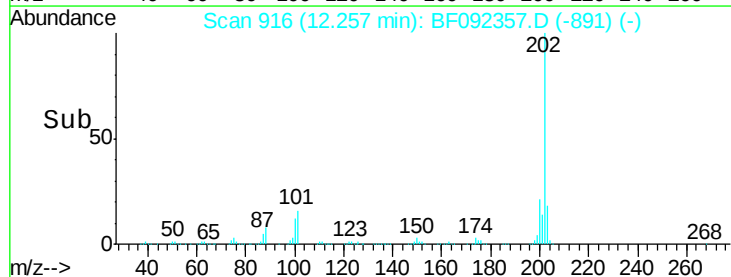
203 18.2 0.0 38.7

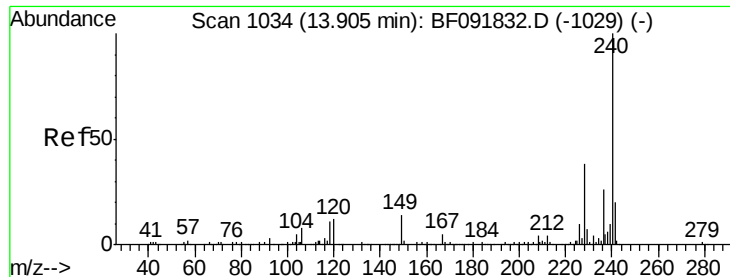


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

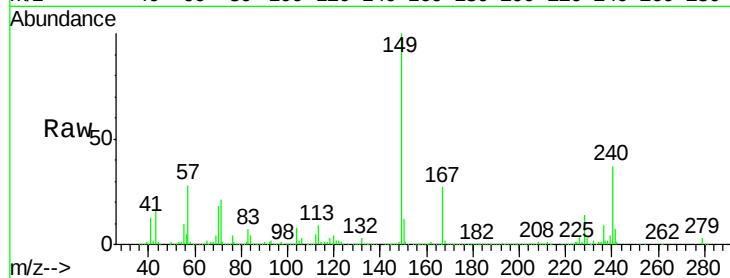
Tgt Ion:240 Resp: 306244

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

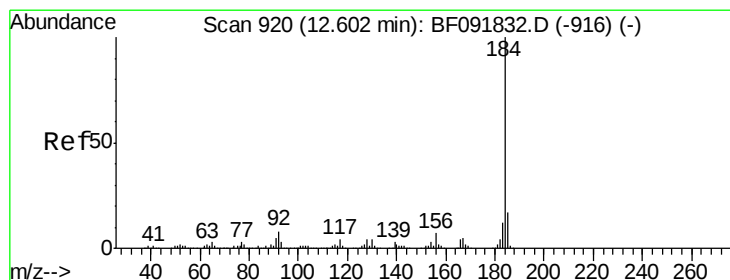
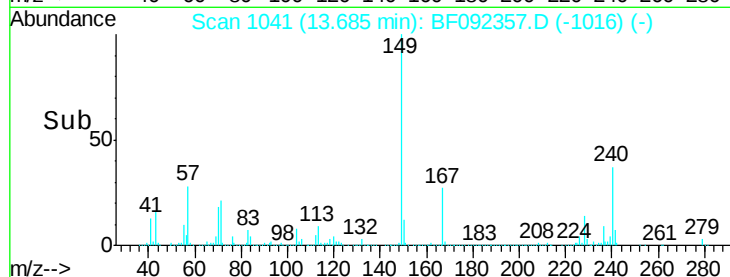
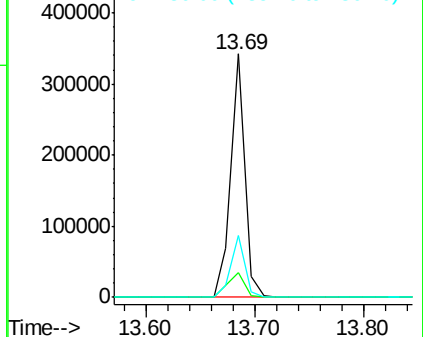
236 25.6 20.9 31.3



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. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

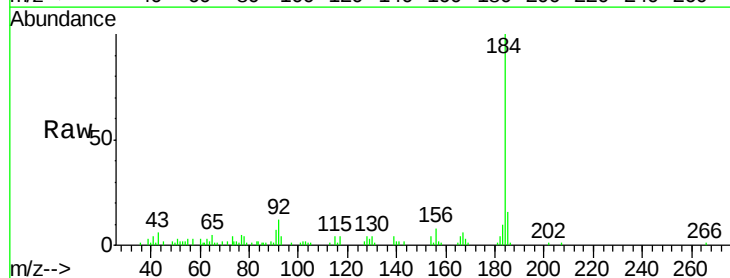
Tgt Ion:184 Resp: 67039

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

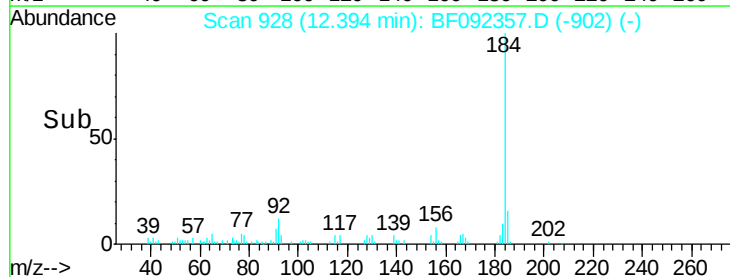
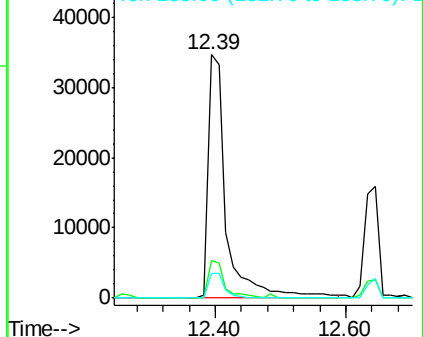
183 10.3 9.2 13.8

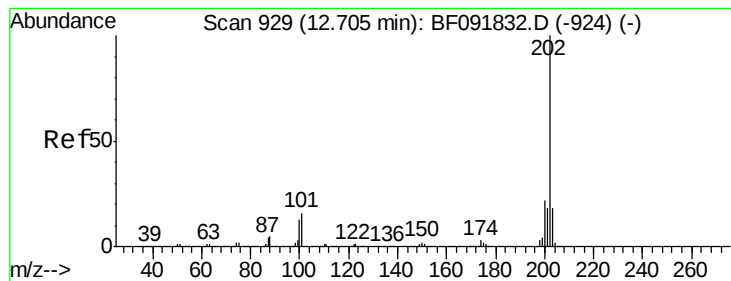


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 60.10 ng

RT: 12.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

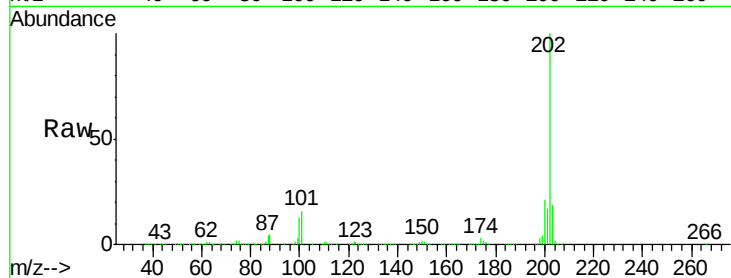
Tgt Ion:202 Resp: 1350409

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

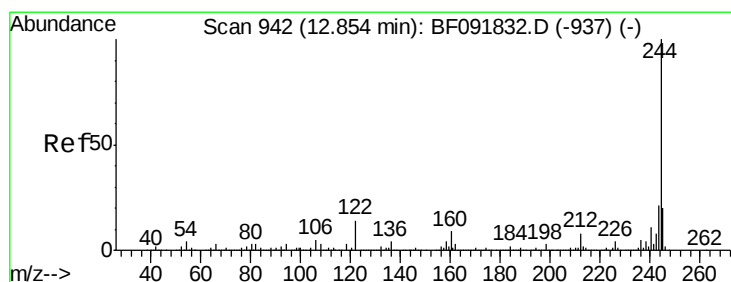
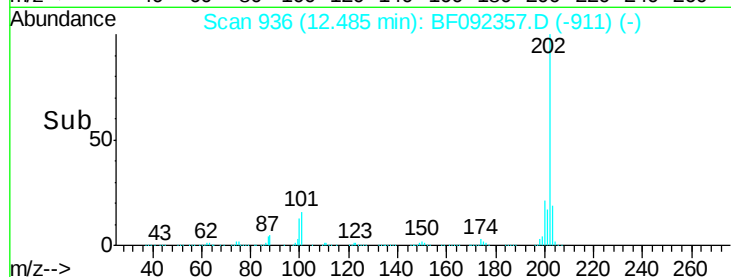
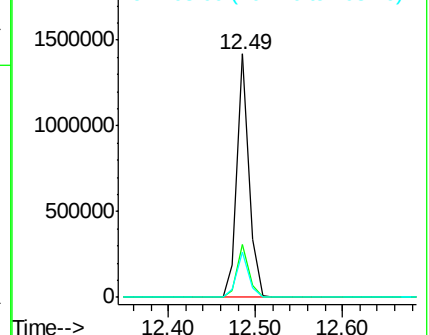
203 18.5 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 138.84 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

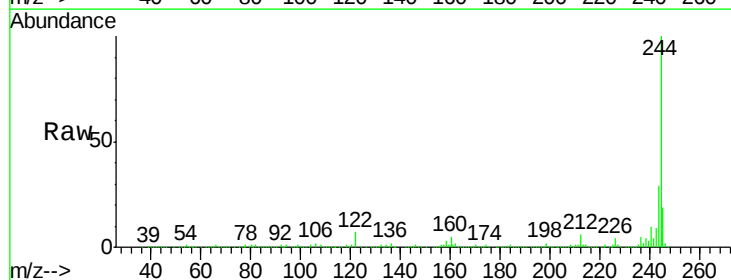
Tgt Ion:244 Resp: 1753192

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

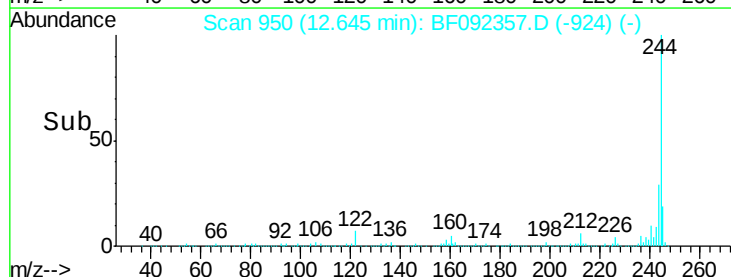
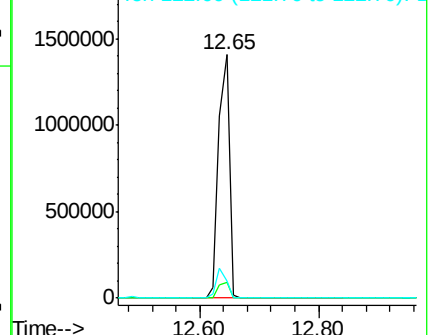
122 7.2 11.4 17.2#

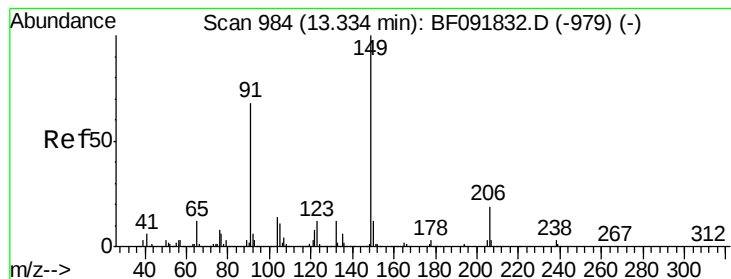


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 65.29 ng

RT: 13.13 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

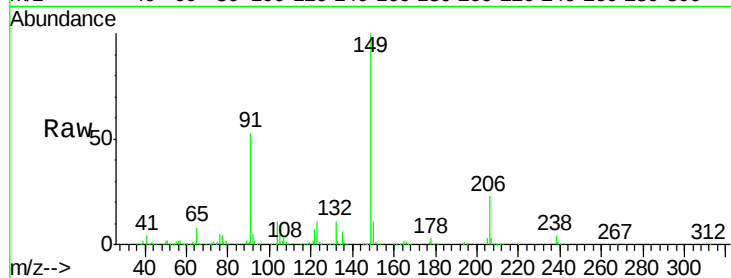
Tgt Ion:149 Resp: 667191

Ion Ratio Lower Upper

149 100

91 53.5 63.9 95.9#

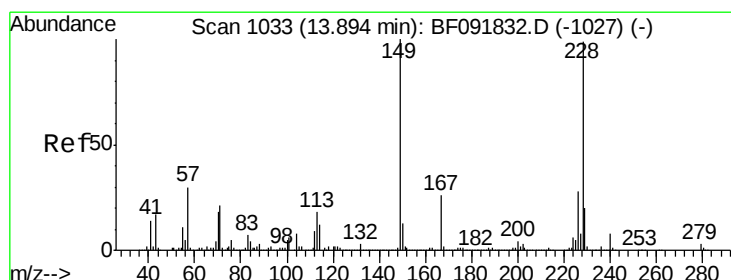
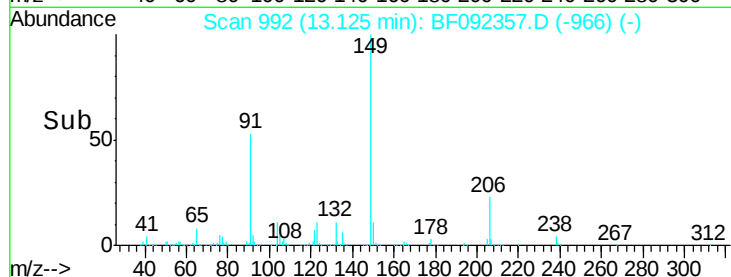
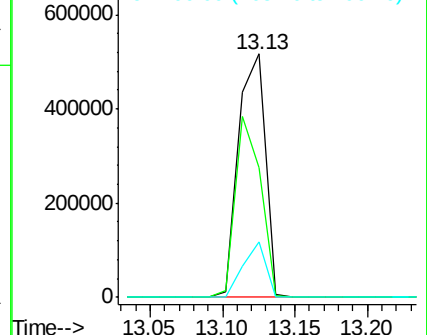
206 22.9 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 62.54 ng

RT: 13.67 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

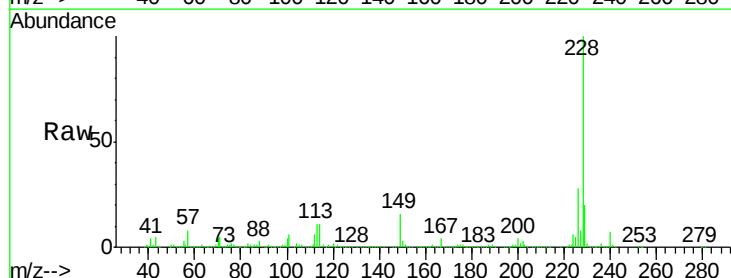
Tgt Ion:228 Resp: 1081096

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

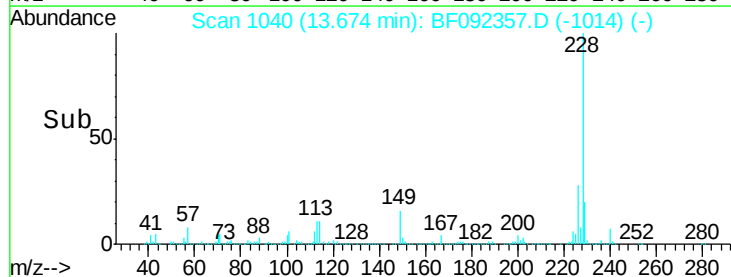
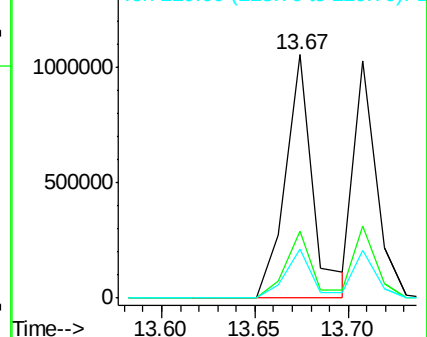
229 20.2 16.2 24.4

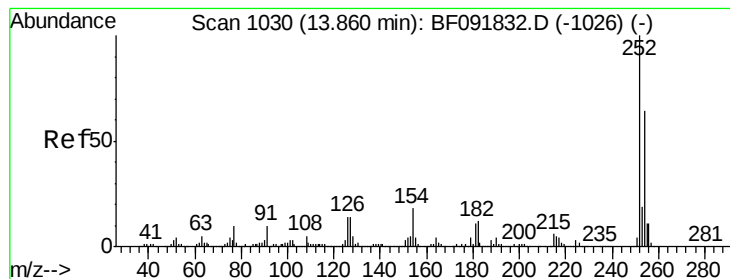


Abundance Ion 228.00 (227.70 to 228.70): E

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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

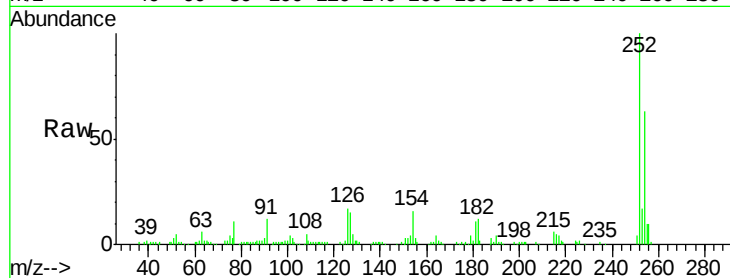
Tgt Ion:252 Resp: 114101

Ion Ratio Lower Upper

252 100

254 63.0 52.3 78.5

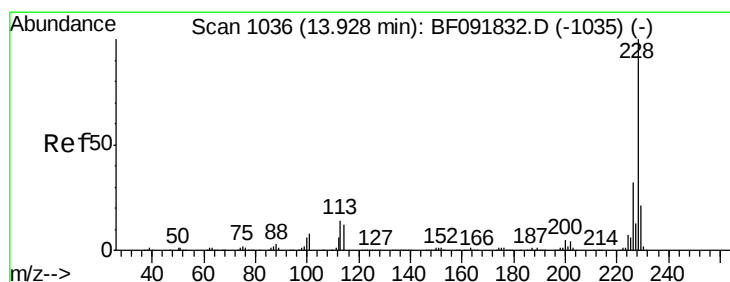
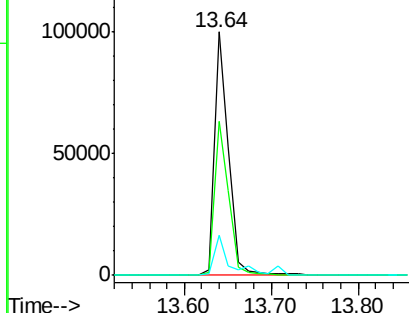
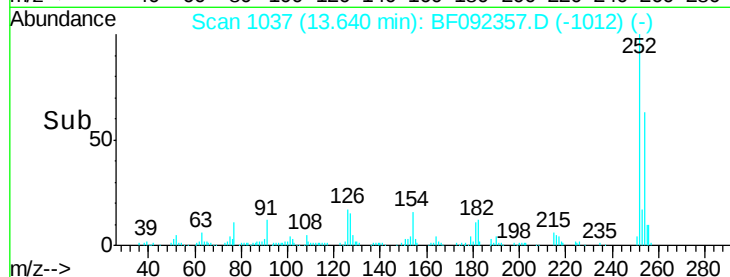
126 16.6 13.6 20.4



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. -0.01 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

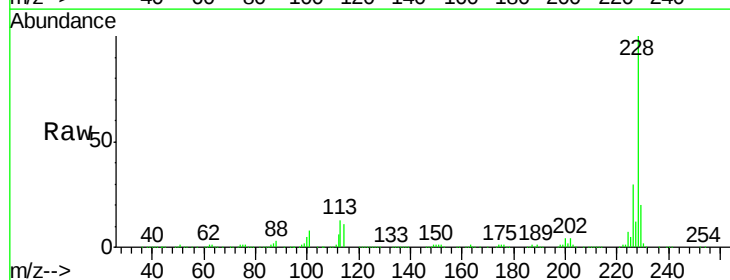
Tgt Ion:228 Resp: 878350

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.0

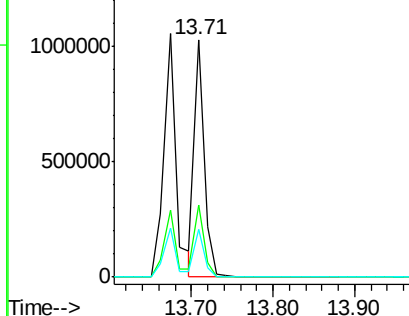
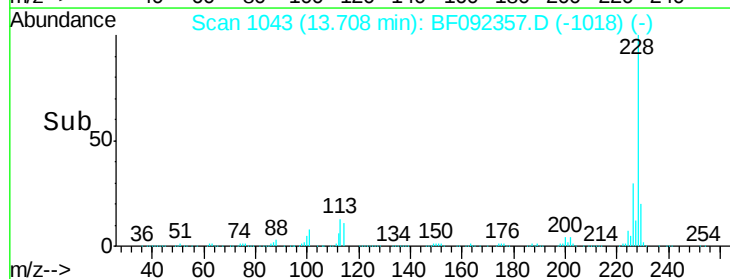
229 20.1 16.2 24.2



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

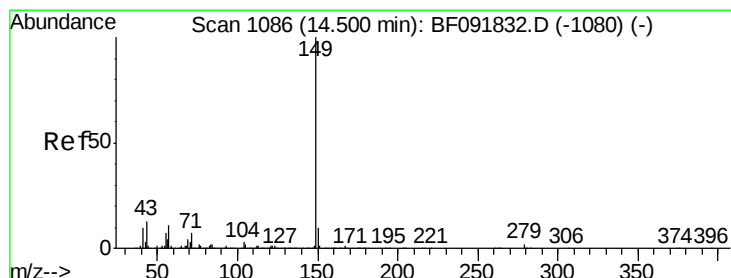
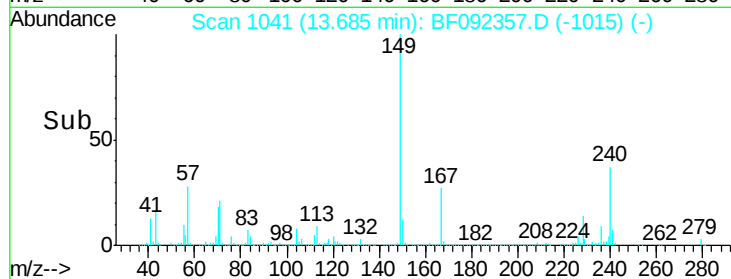
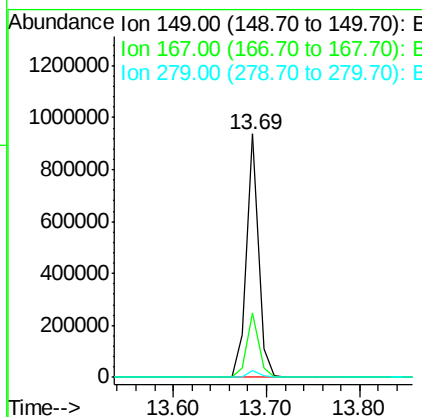
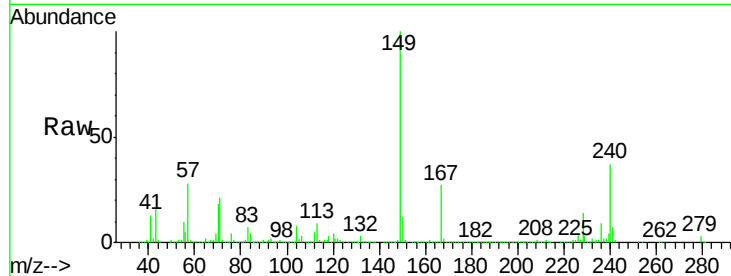




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 69.91 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

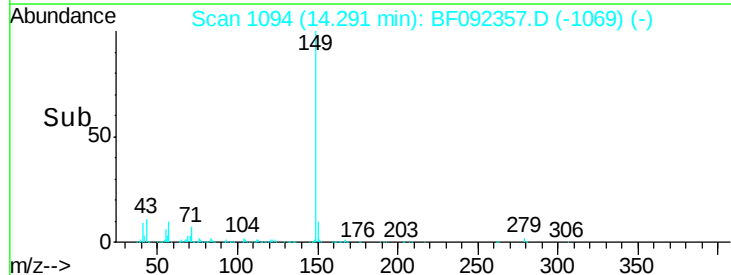
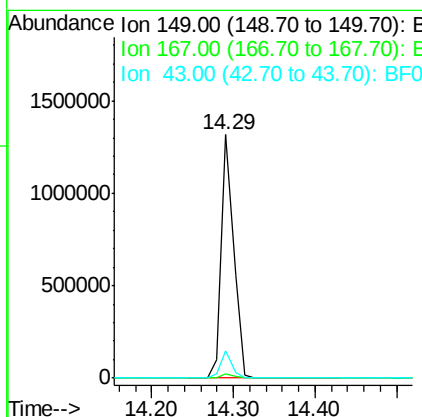
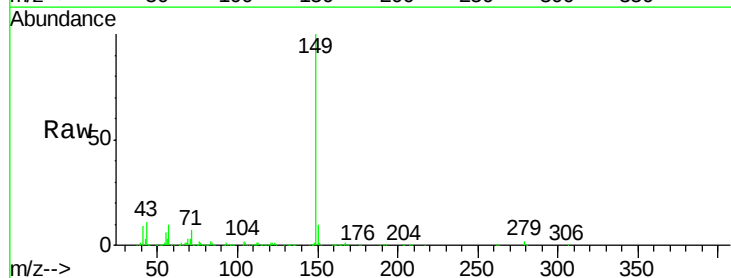
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

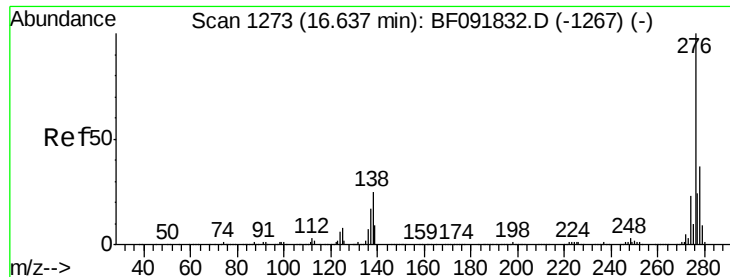
Tgt Ion:149 Resp: 841373
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 61.56 ng
 RT: 14.29 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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

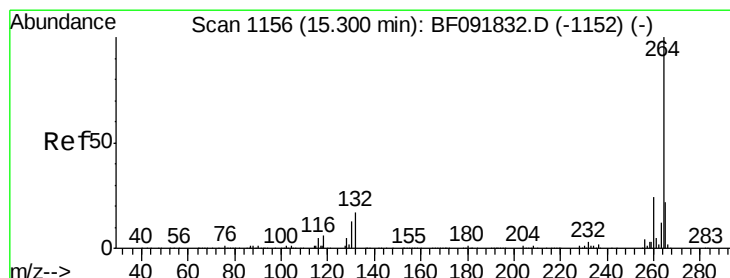
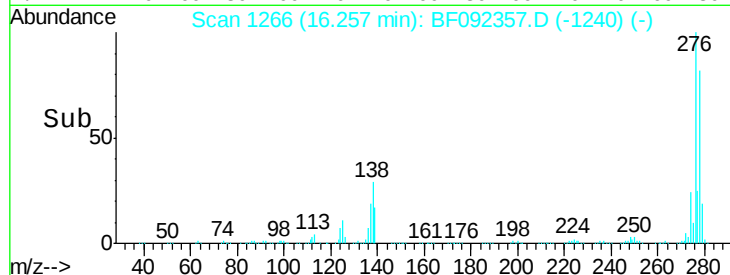
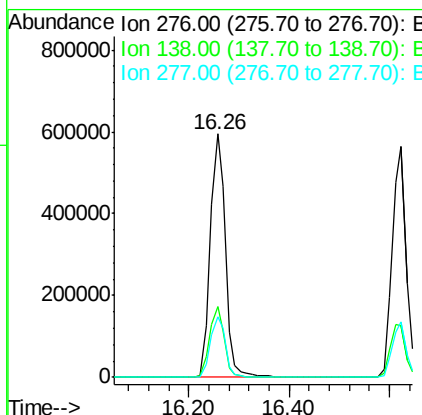
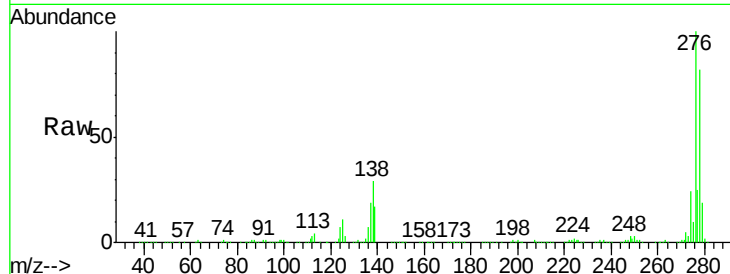




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 82.87 ng
 RT: 16.26 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

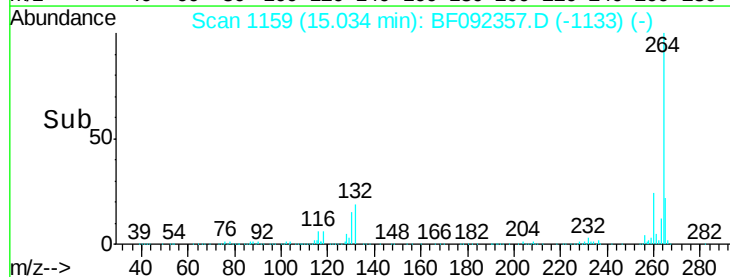
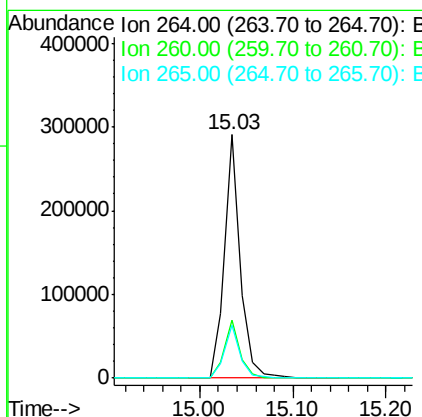
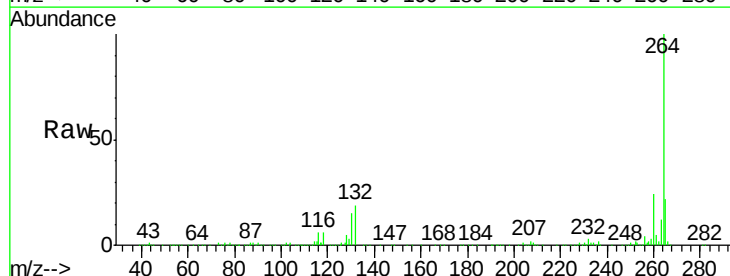
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

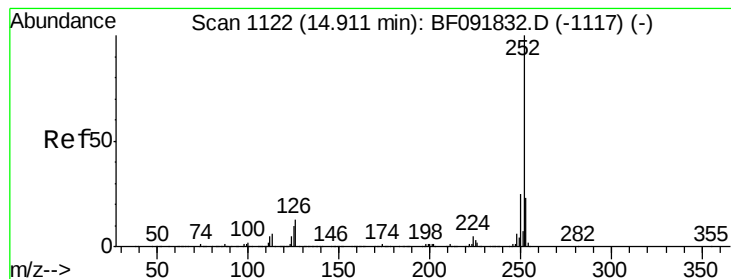
Tgt Ion: 276 Resp: 1244820
 Ion Ratio Lower Upper
 276 100
 138 28.5 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF092357.D
 Acq: 18 Jan 2017 18:04

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: 58.55 ng m

RT: 14.68 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

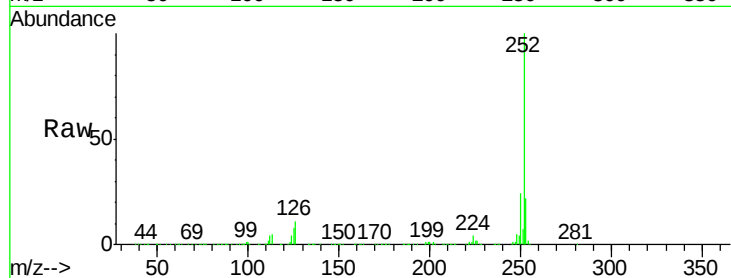
Tgt Ion:252 Resp: 1250004

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

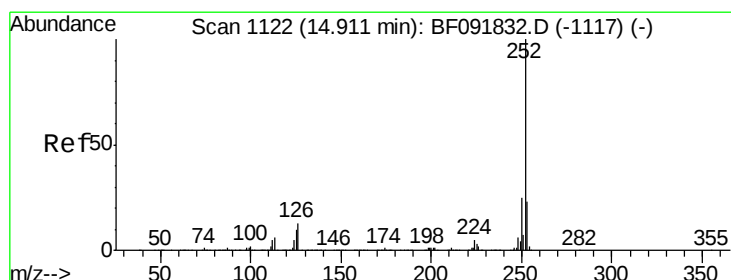
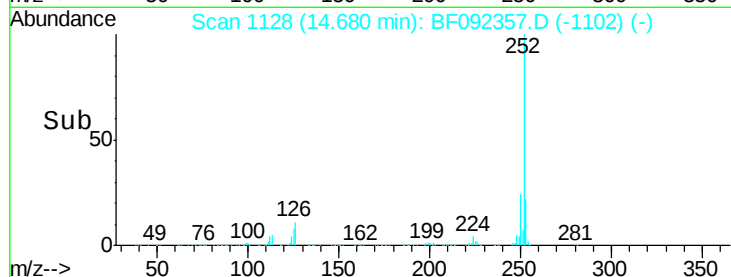
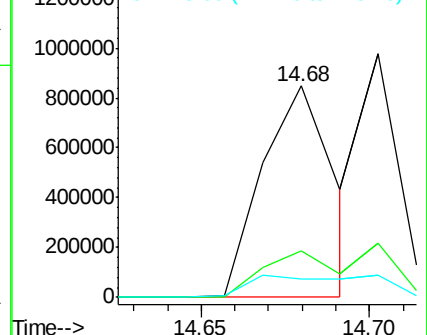
125 8.4 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.89 ng m

RT: 14.70 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

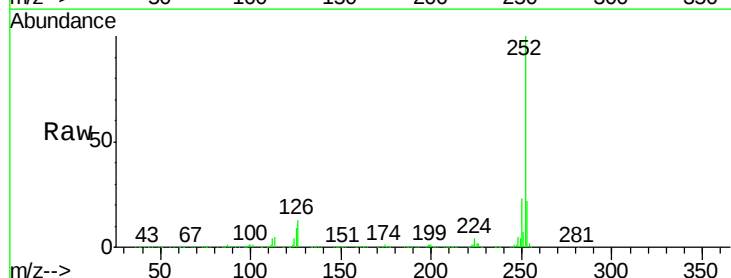
Tgt Ion:252 Resp: 780894

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

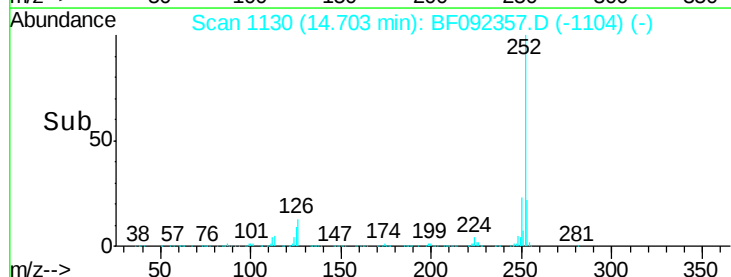
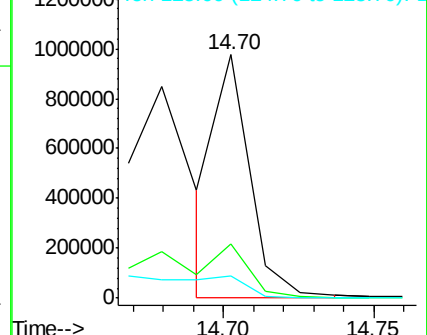
125 9.2 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

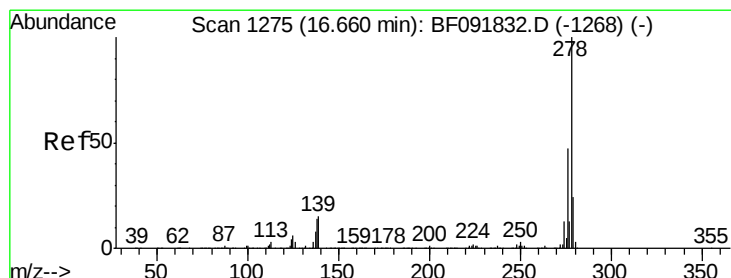
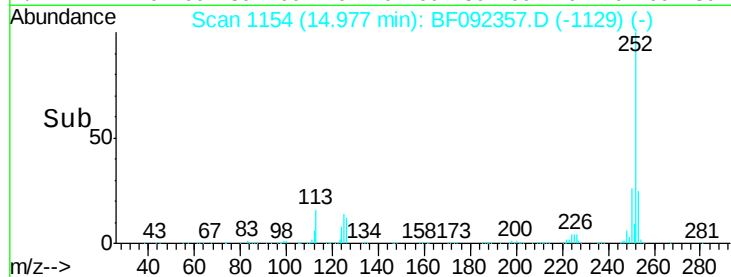
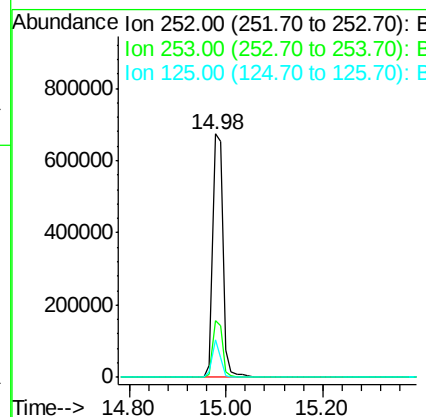
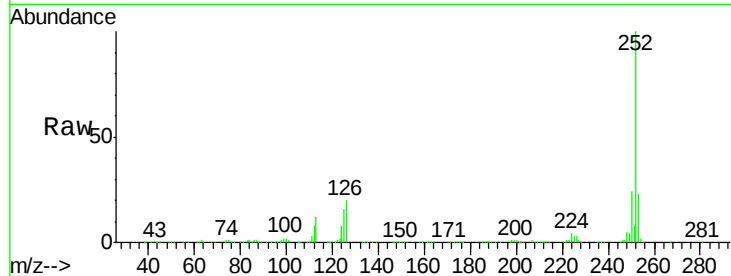




#89
Benzo(a)pyrene
Concen: 53.56 ng
RT: 14.98 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

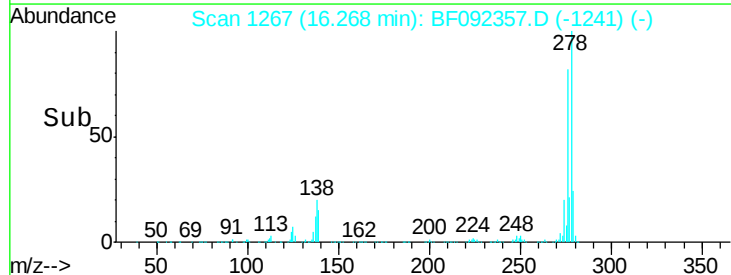
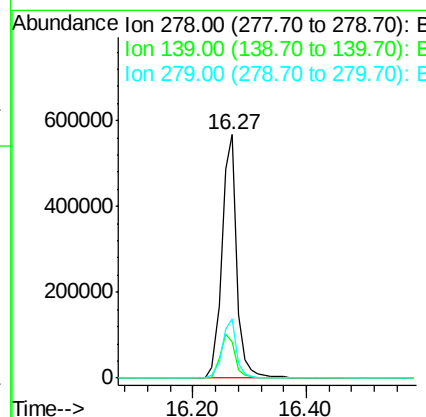
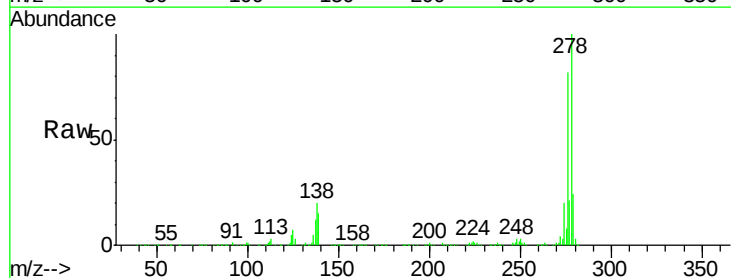
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

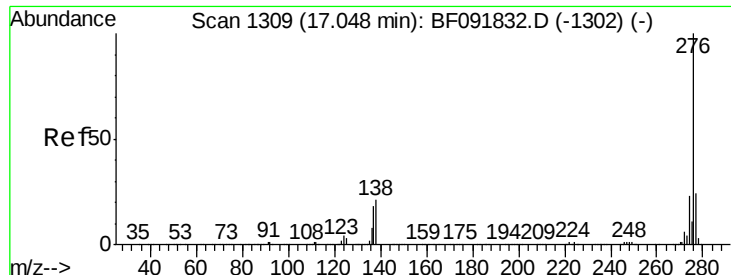
Tgt Ion:252 Resp: 1015044
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 15.6 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 65.98 ng
RT: 16.27 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF092357.D
Acq: 18 Jan 2017 18:04

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





#91

Benzo(g,h,i)perylene

Concen: 69.53 ng

RT: 16.62 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF092357.D

Acq: 18 Jan 2017 18:04

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

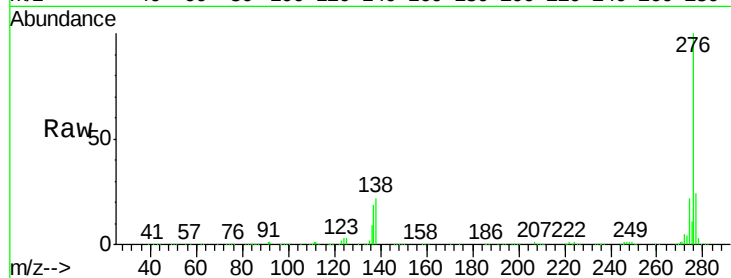
Tgt Ion:276 Resp: 1126050

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

