

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091267.D
 Acq On : 23 Nov 2016 9:29
 Operator : UM/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 11:58:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 11:54:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	228937	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	867298	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	526606	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	920160	20.00	ng	0.00
75) Chrysene-d12	14.03	240	817981	20.00	ng	-0.01
86) Perylene-d12	15.47	264	638777	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	78662	5.71	ng	-0.01
7) Phenol-d6	6.49	99	105288	6.39	ng	-0.01
23) Nitrobenzene-d5	7.44	82	74517	4.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	26409	5.37	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	185809	6.16	ng	0.00
78) Terphenyl-d14	12.98	244	198593	5.50	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	20125	3.22	ng	96
3) Pyridine	3.24	79	46284	2.83	ng	89
4) n-Nitrosodimethylamine	3.15	42	25725	2.91	ng	# 93
6) Aniline	6.53	93	60061	3.04	ng	# 63
8) 2-Chlorophenol	6.65	128	42483	2.88	ng	# 79
9) Benzaldehyde	6.64	77	2011	0.24	ng	88
10) Phenol	6.50	94	60044	3.12	ng	86
11) bis(2-Chloroethyl)ether	6.60	93	42005	2.80	ng	100
12) 1,3-Dichlorobenzene	6.82	146	45702	2.85	ng	96
13) 1,4-Dichlorobenzene	6.89	146	47577	2.84	ng	95
14) 1,2-Dichlorobenzene	7.05	146	47838	3.21	ng	94
15) Benzyl Alcohol	7.01	79	34693	2.68	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.15	45	91452	3.18	ng	70
17) 2-Methylphenol	7.12	107	32046	2.16	ng	# 77
18) Hexachloroethane	7.39	117	15817	2.55	ng	# 87
19) n-Nitroso-di-n-propylamine	7.28	70	28431	2.36	ng	92
20) 3+4-Methylphenols	7.28	107	42988	2.90	ng	# 39
22) Acetophenone	7.28	105	58527	2.83	ng	# 88
24) Nitrobenzene	7.45	77	41643	2.38	ng	# 90
25) Isophorone	7.69	82	77774	2.62	ng	96
26) 2-Nitrophenol	7.77	139	11864	1.59	ng	# 80
27) 2,4-Dimethylphenol	7.80	122	39466	3.35	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	45428	2.80	ng	97
29) 2,4-Dichlorophenol	8.01	162	32711	2.79	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	38844	2.96	ng	95
31) Naphthalene	8.18	128	124042	3.06	ng	99
32) Benzoic acid	7.80	122	39466	8.03	ng	# 15
33) 4-Chloroaniline	8.22	127	50080	3.05	ng	96
34) Hexachlorobutadiene	8.30	225	22792	2.93	ng	94
35) Caprolactam	8.54	113	9350	2.83	ng	# 91
36) 4-Chloro-3-methylphenol	8.69	107	31028	2.41	ng	98
37) 2-Methylnaphthalene	8.88	142	87336	3.21	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	38792	2.61	ng	94
40) Hexachlorocyclopentadiene	9.04	237	13505	8.35	ng	97

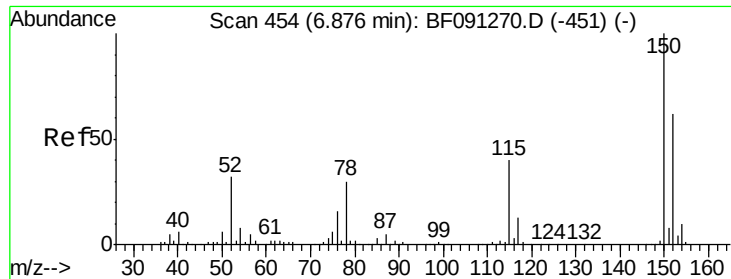
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091267.D
 Acq On : 23 Nov 2016 9:29
 Operator : UM/SJ
 Sample : SSTDICC2.5
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	24600	2.72	nq	95
43) 2,4,5-Trichlorophenol	9.15	196	24600	2.60	nq #	93
45) 1,1'-Biphenyl	9.33	154	102875	2.56	nq	98
46) 2-Chloronaphthalene	9.36	162	77054	2.58	nq	98
47) 2-Nitroaniline	9.45	65	18058	1.63	nq #	85
48) Acenaphthylene	9.78	152	122599	2.73	nq	97
49) Dimethylphthalate	9.63	163	91748	2.61	nq	97
50) 2,6-Dinitrotoluene	9.69	165	14235	1.89	nq #	85
51) Acenaphthene	9.95	154	84554	3.03	nq	96
52) 3-Nitroaniline	9.86	138	16335	2.03	nq #	88
53) 2,4-Dinitrophenol	9.96	184	1830	7.10	nq #	46
54) Dibenzofuran	10.12	168	116345	3.00	nq #	87
55) 4-Nitrophenol	10.00	139	10717	9.05	nq #	84
56) 2,4-Dinitrotoluene	10.09	165	17304	1.82	nq #	66
57) Fluorene	10.46	166	93911	2.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	22113	2.77	nq	95
59) Diethylphthalate	10.34	149	90292	2.65	nq #	91
60) 4-Chlorophenyl-phenylether	10.45	204	41025	2.78	nq #	76
61) 4-Nitroaniline	10.45	138	14588	1.76	nq #	76
62) Azobenzene	10.61	77	93566	2.31	nq	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	3759	0.64	nq #	57
65) n-Nitrosodiphenylamine	10.57	169	80653	2.91	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	27072	2.81	nq	93
67) Hexachlorobenzene	11.01	284	29212	2.78	nq #	91
68) Atrazine	11.09	200	25782	3.36	nq	96
69) Pentachlorophenol	11.20	266	15901	3.83	nq	100
70) Phenanthrene	11.42	178	136444	2.82	nq	96
71) Anthracene	11.47	178	148927	3.09	nq	95
72) Carbazole	11.62	167	129421	2.93	nq	95
73) Di-n-butylphthalate	11.96	149	137418	2.62	nq	99
74) Fluoranthene	12.60	202	146853	2.79	nq	97
76) Benzdine	12.73	184	31489	1.71	nq	96
77) Pyrene	12.83	202	158481	2.53	nq	97
79) Butylbenzylphthalate	13.46	149	53109	2.02	nq	97
80) Benzo(a)anthracene	14.02	228	131538	2.65	nq	97
81) 3,3'-Dichlorobenzidine	13.99	252	32858	1.91	nq	96
82) Chrysene	14.05	228	115669	2.27	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	70173	2.10	nq #	92
84) Di-n-octyl phthalate	14.64	149	121531	2.08	nq	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	75429	1.86	nq	96
87) Benzo(b)fluoranthene	15.05	252	196888	5.13	nq	98
88) Benzo(k)fluoranthene	15.05	252	196888	5.08	nq #	97
89) Benzo(a)pyrene	15.40	252	87250	2.48	nq #	95
90) Dibenzo(a,h)anthracene	16.89	278	66088	2.28	nq #	95
91) Benzo(g,h,i)perylene	17.29	276	66724	2.25	nq	97

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

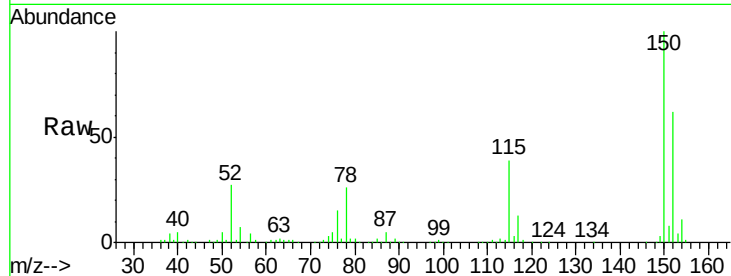


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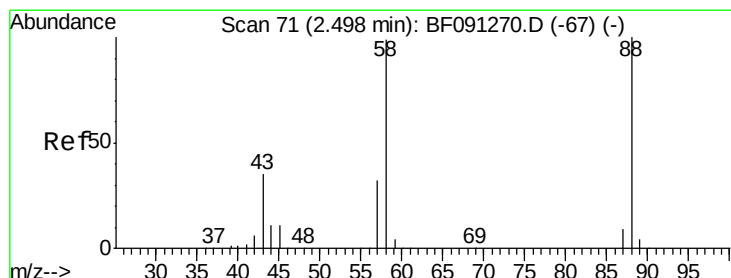
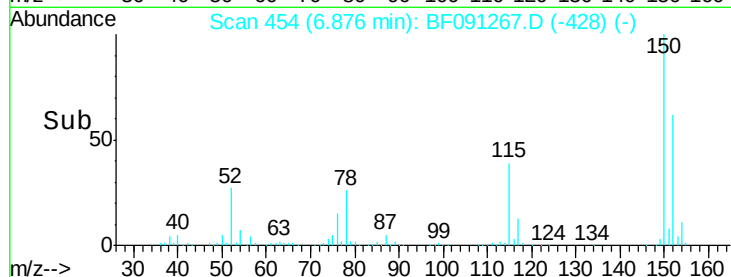
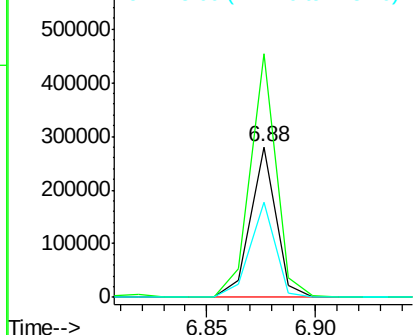
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	122.5	183.7
115	63.2	51.8	77.8



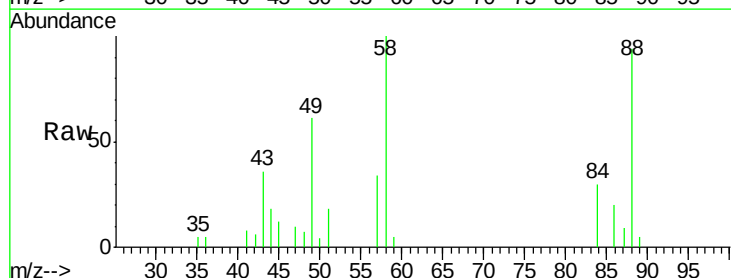
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



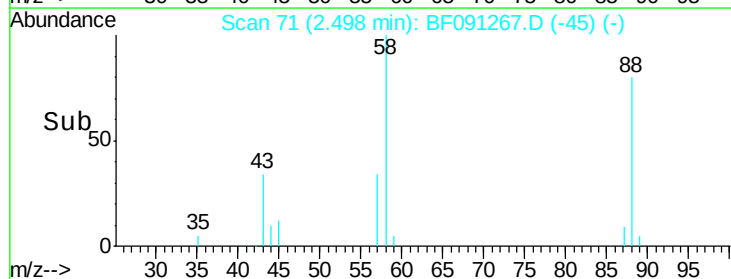
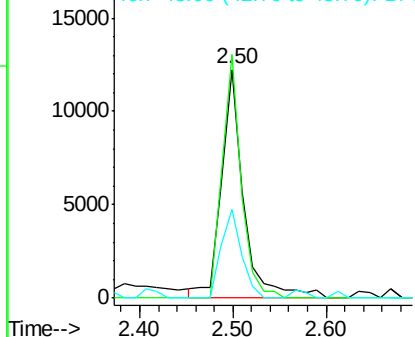
#2

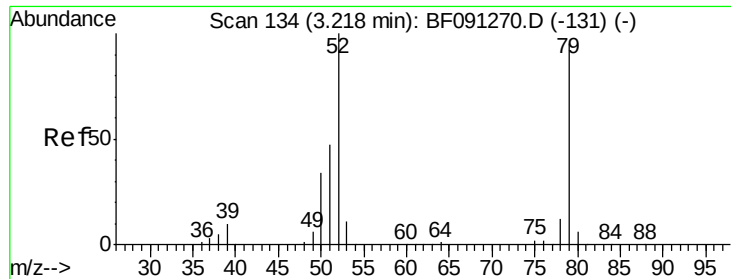
1,4-Dioxane
Concen: 3.22 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	70.3	105.5
43	35.2	31.3	46.9



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





#3

Pvridine

Concen: 2.83 ng

RT: 3.24 min Scan# 136

Delta R.T. 0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

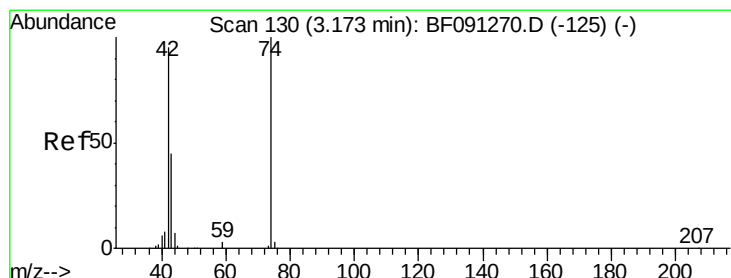
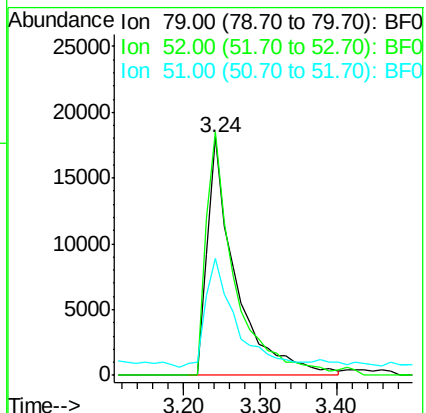
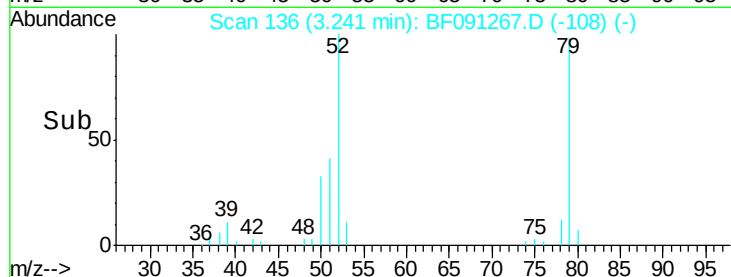
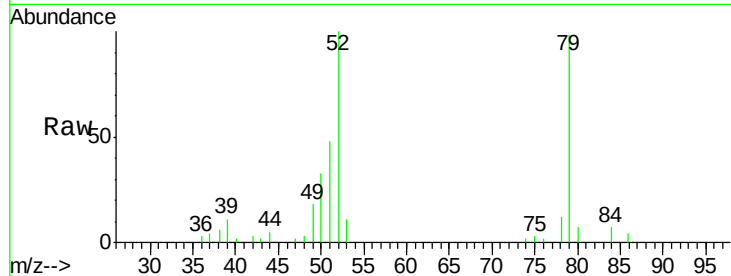
Tot Ion: 79 Resp: 46284

Ion Ratio Lower Upper

79 100

52 102.3 71.0 106.4

51 49.0 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 2.91 ng

RT: 3.15 min Scan# 128

Delta R.T. -0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

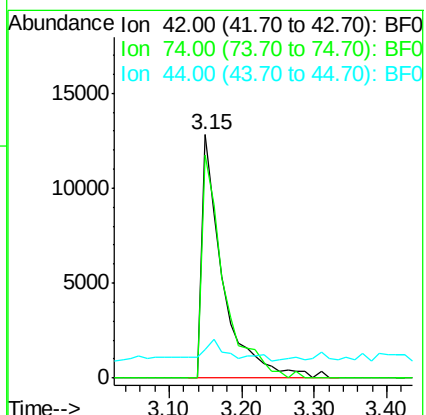
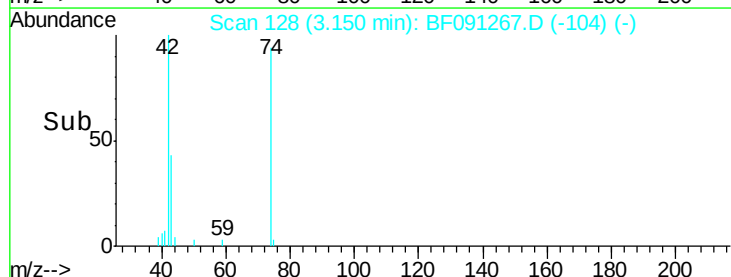
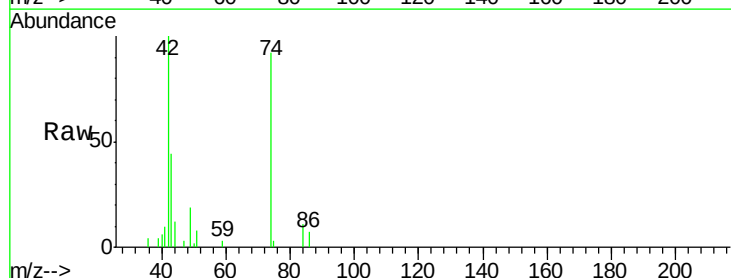
Tgt Ion: 42 Resp: 25725

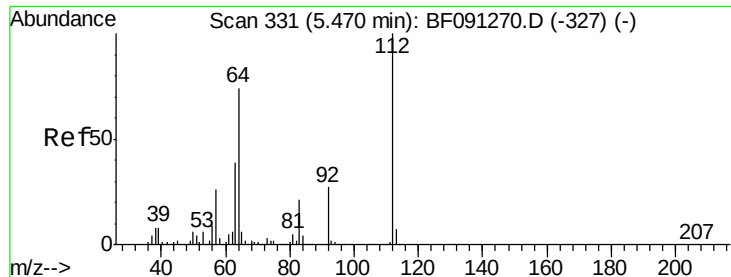
Ion Ratio Lower Upper

42 100

74 91.7 78.9 118.3

44 12.0 5.8 8.6#





#5

2-Fluorophenol

Concen: 5.71 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

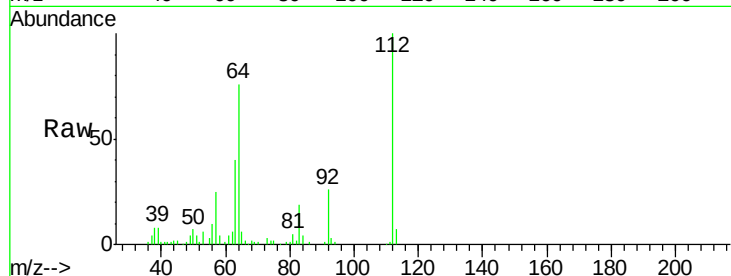
Tot Ion:112 Resp: 78662

Ion Ratio Lower Upper

112 100

64 75.7 61.5 92.3

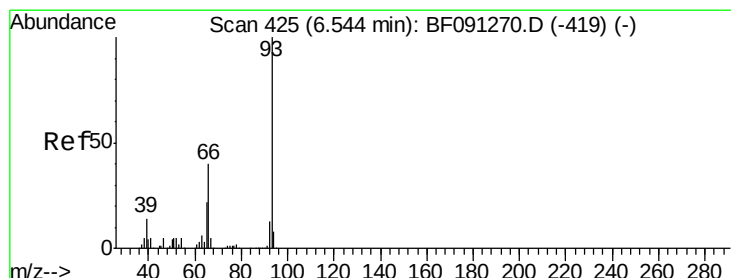
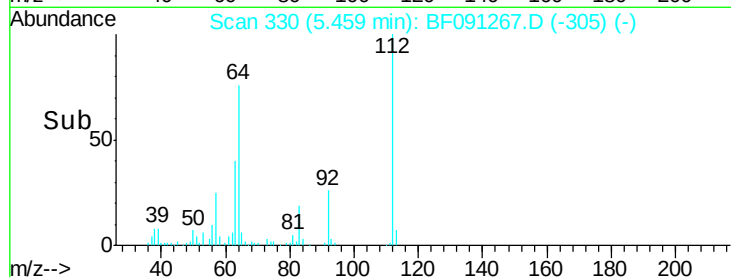
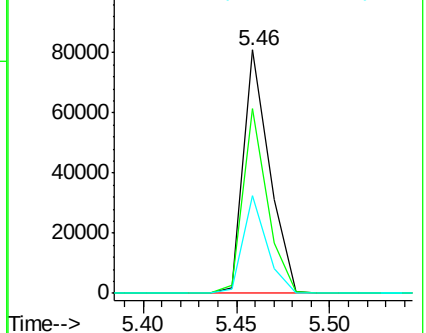
63 40.2 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 3.04 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

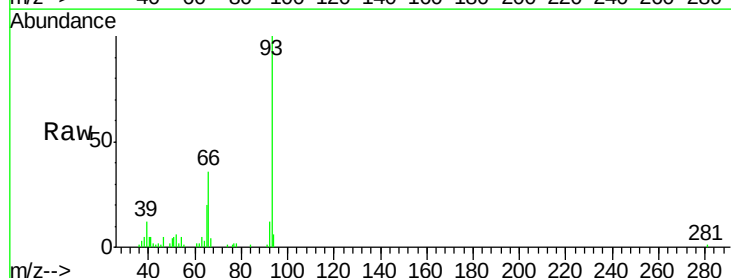
Tgt Ion: 93 Resp: 60061

Ion Ratio Lower Upper

93 100

66 36.4 55.8 83.6#

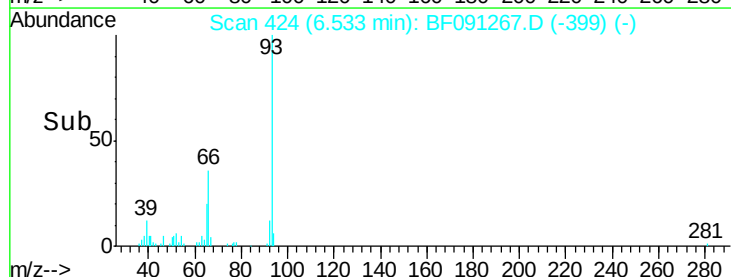
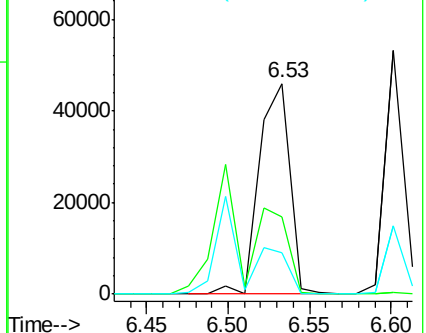
65 19.9 29.9 44.9#

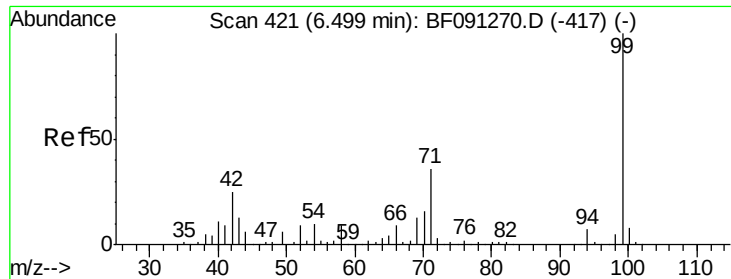


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 6.39 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

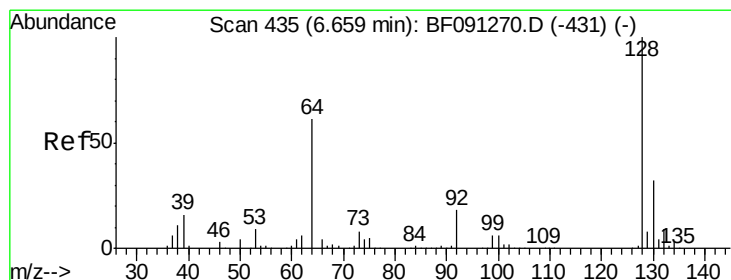
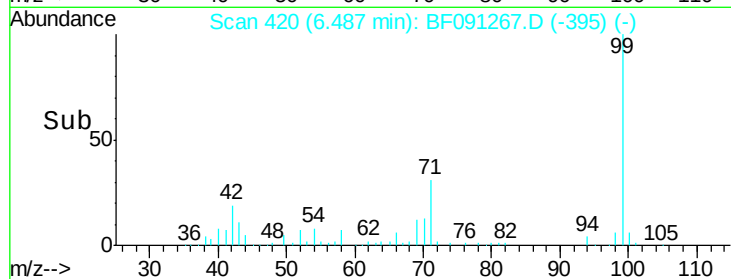
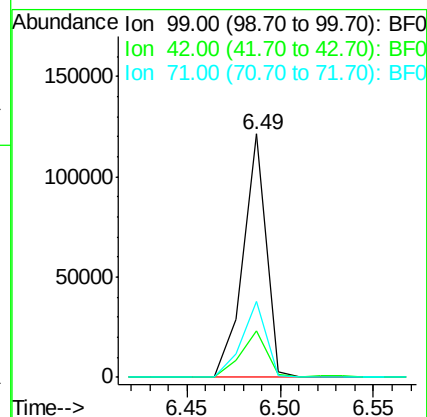
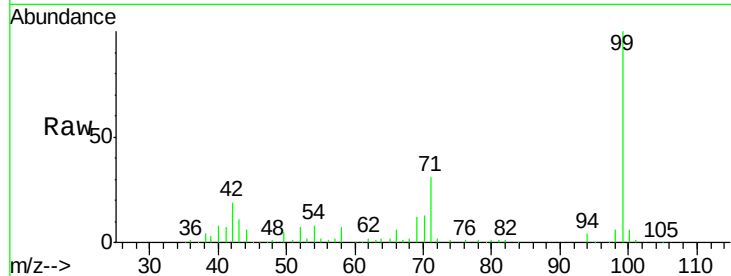
Tot Ion: 99 Resp: 105288

Ion Ratio Lower Upper

99 100

42 19.2 20.6 31.0#

71 31.1 29.9 44.9



#8

2-Chlorophenol

Concen: 2.88 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

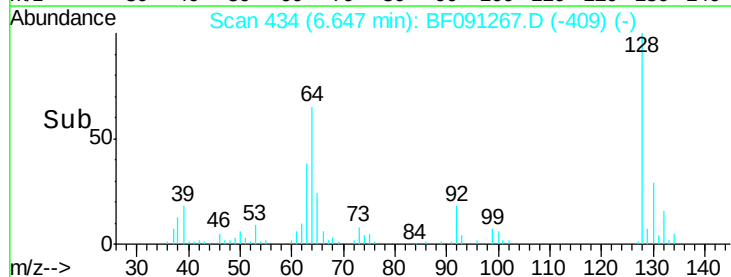
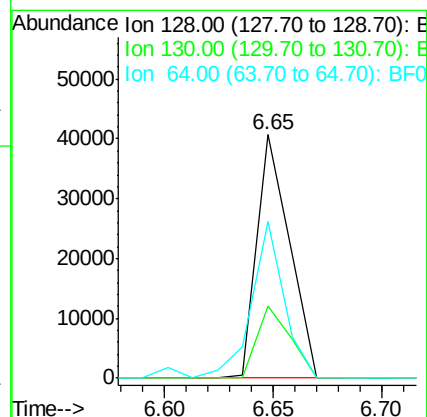
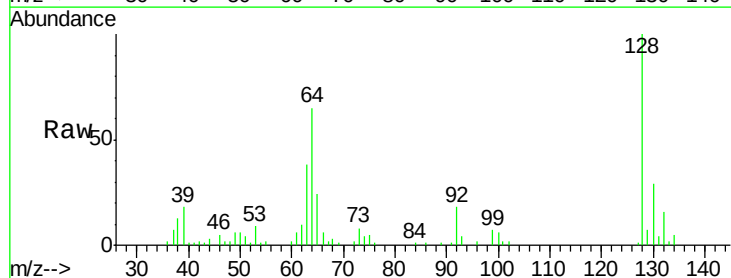
Tgt Ion: 128 Resp: 42483

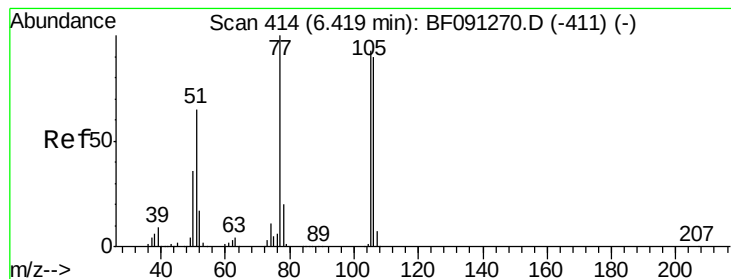
Ion Ratio Lower Upper

128 100

130 29.5 13.1 53.1

64 64.5 24.1 64.1#





#9

Benzaldehyde

Concen: 0.24 ng

RT: 6.64 min Scan# 433

Delta R.T. 0.22 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

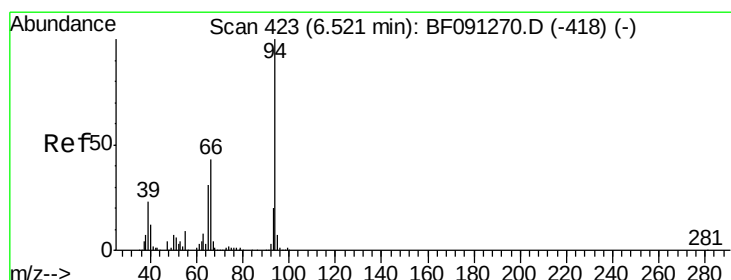
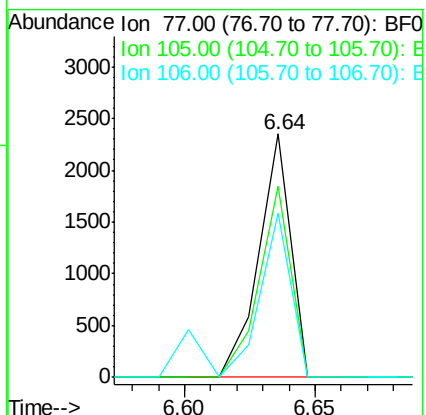
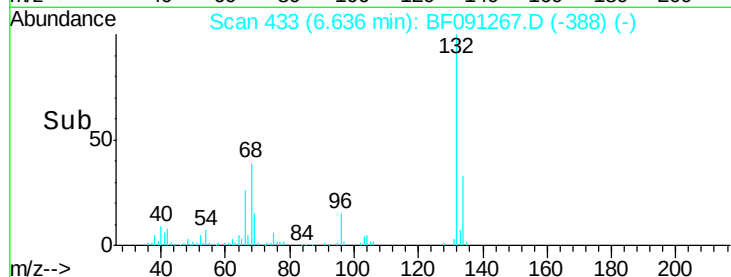
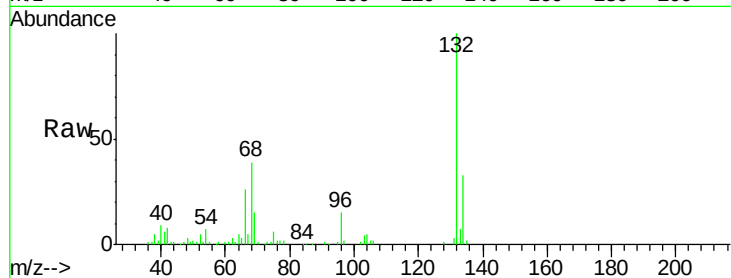
Tot Ion: 77 Resp: 2011

Ion Ratio Lower Upper

77 100

105 78.3 66.4 106.4

106 67.7 60.9 100.9



#10

Phenol

Concen: 3.12 ng

RT: 6.50 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

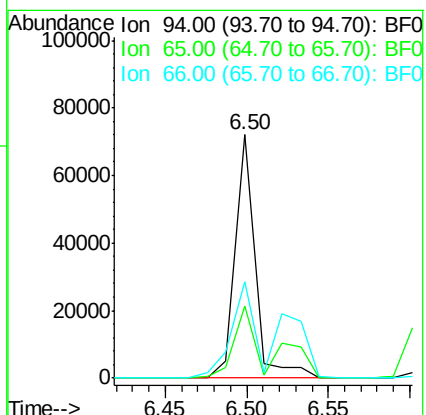
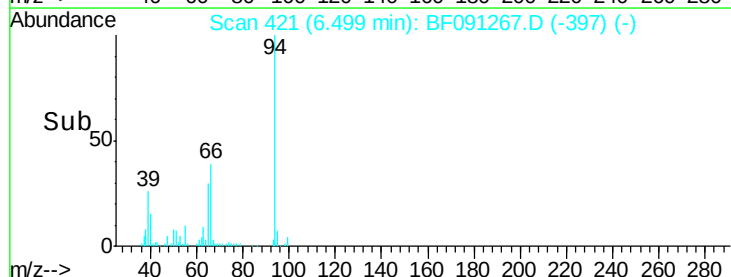
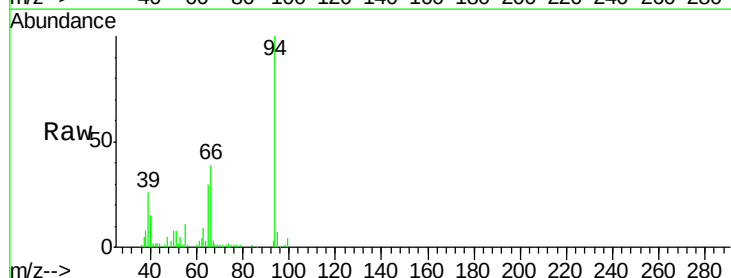
Tgt Ion: 94 Resp: 60044

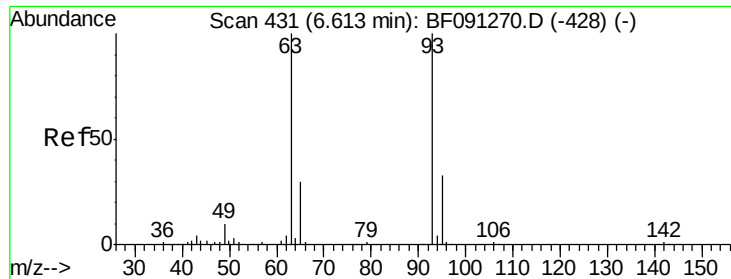
Ion Ratio Lower Upper

94 100

65 29.7 16.9 56.9

66 39.4 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 2.80 ng

RT: 6.60 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

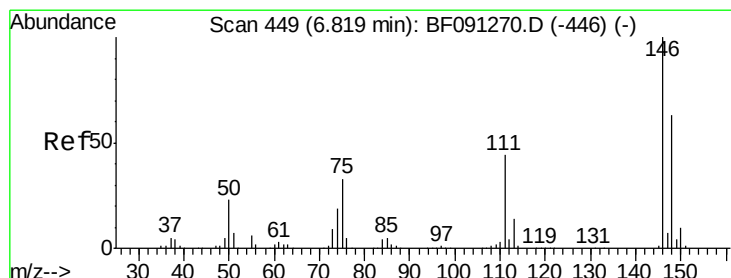
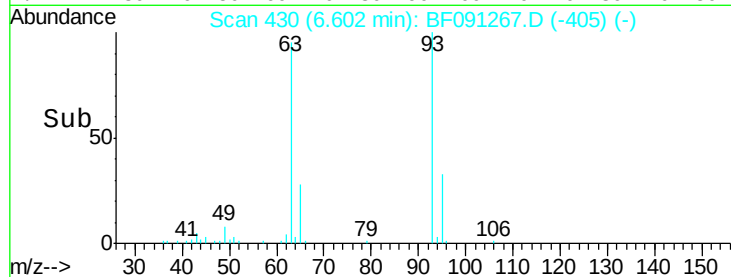
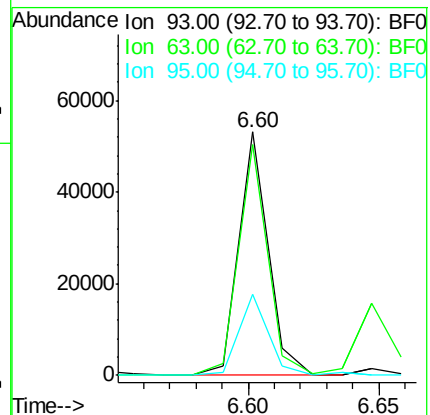
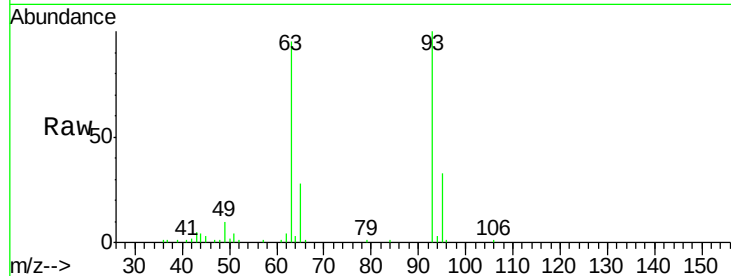
Tot Ion: 93 Resp: 42005

Ion Ratio Lower Upper

93 100

63 94.8 74.8 114.8

95 33.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 2.85 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

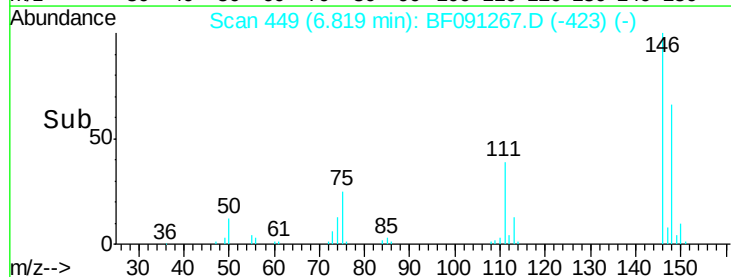
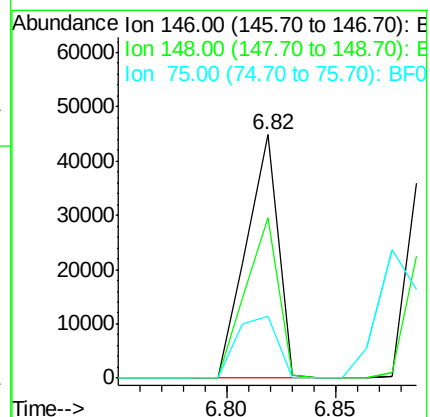
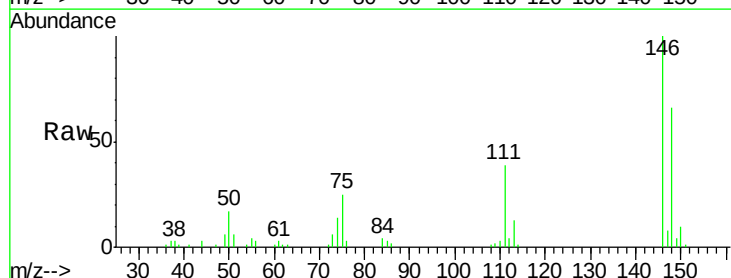
Tgt Ion: 146 Resp: 45702

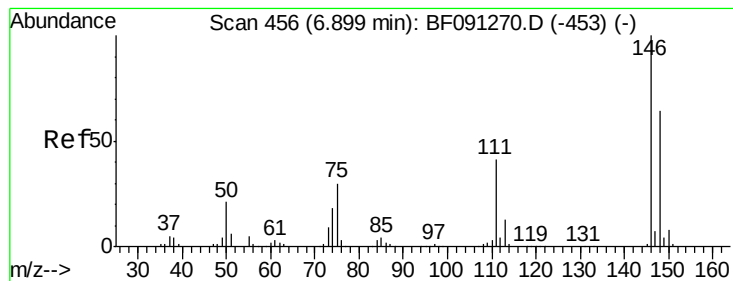
Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.0

75 25.2 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 2.84 ng

RT: 6.89 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

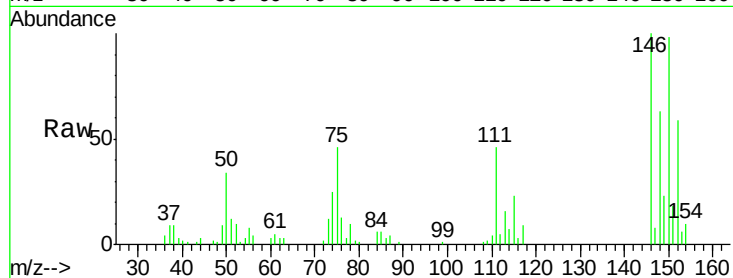
Tot Ion:146 Resp: 47577

Ion Ratio Lower Upper

146 100

148 62.7 51.4 77.0

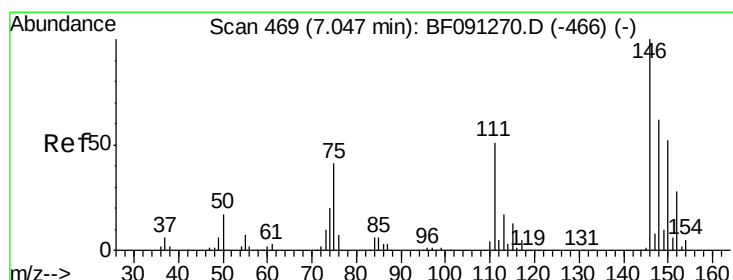
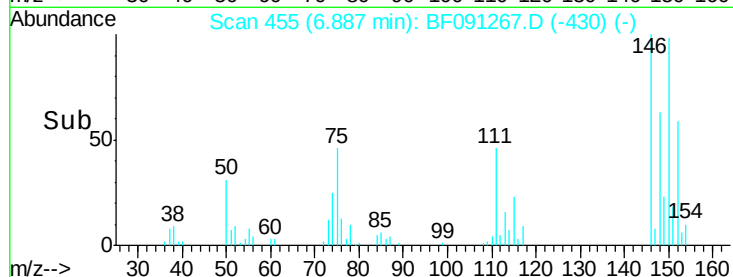
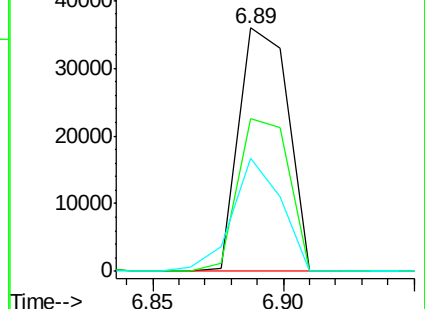
111 46.3 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 3.21 ng

RT: 7.05 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

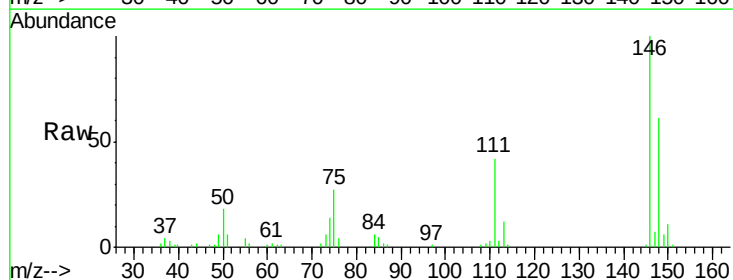
Tgt Ion:146 Resp: 47838

Ion Ratio Lower Upper

146 100

148 61.5 51.0 76.6

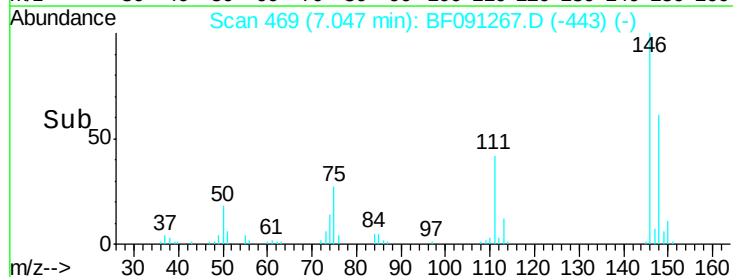
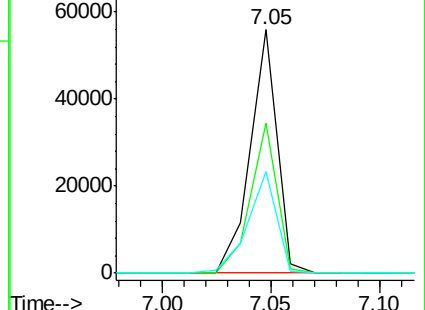
111 41.7 38.9 58.3

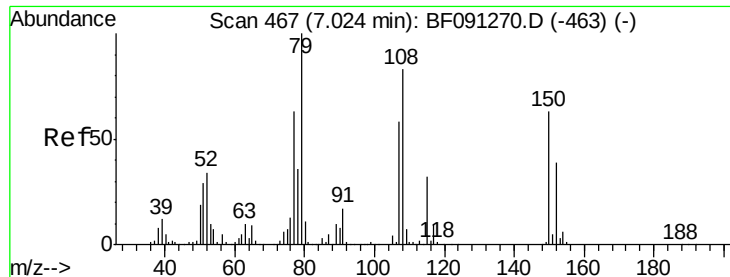


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.68 ng

RT: 7.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

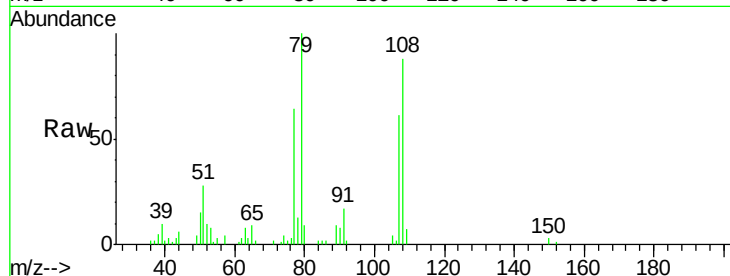
Tot Ion: 79 Resp: 34693

Ion Ratio Lower Upper

79 100

108 88.3 62.7 94.1

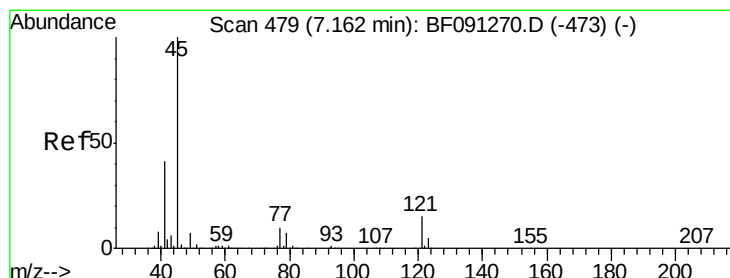
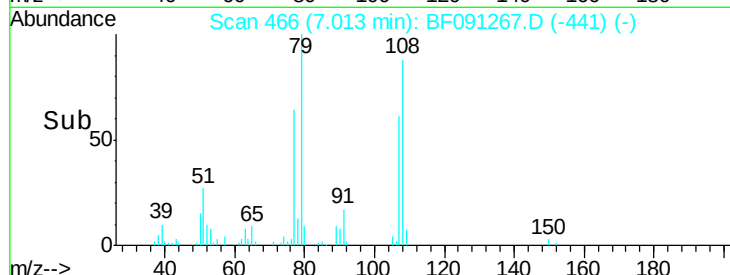
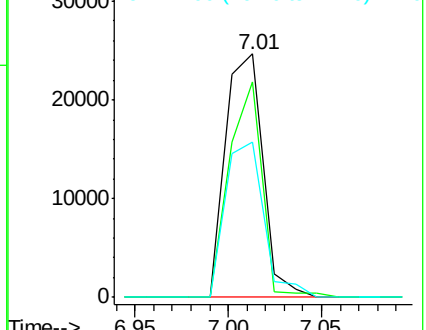
77 63.9 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.18 ng

RT: 7.15 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

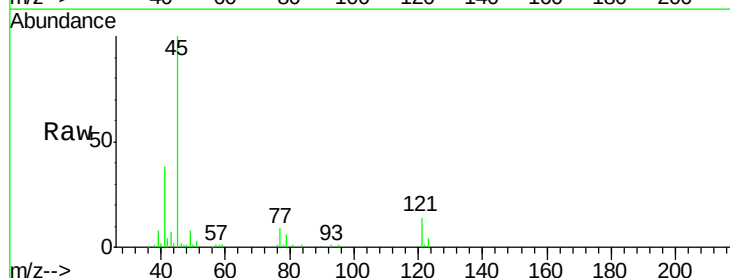
Tgt Ion: 45 Resp: 91452

Ion Ratio Lower Upper

45 100

77 9.1 3.8 43.8

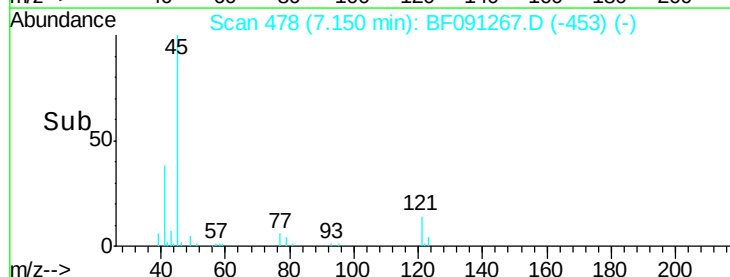
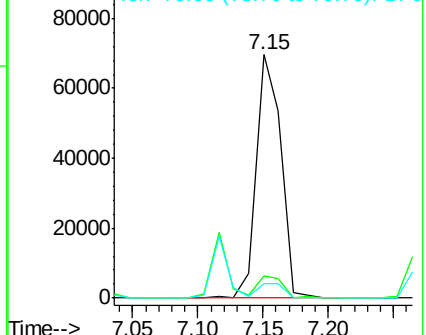
79 6.2 0.2 40.2

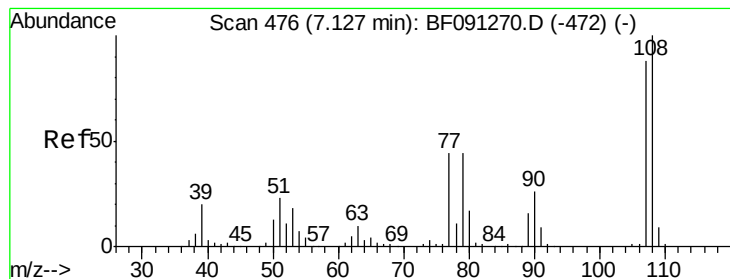


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

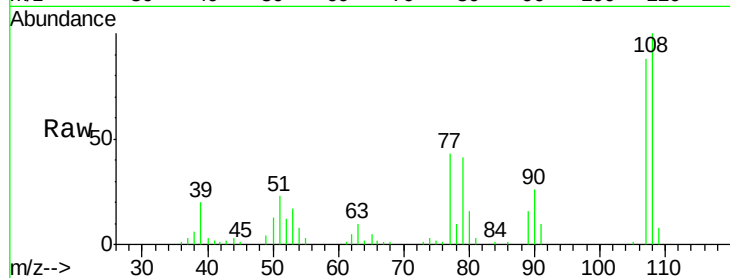




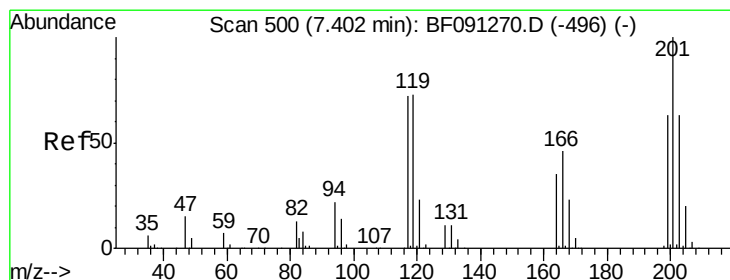
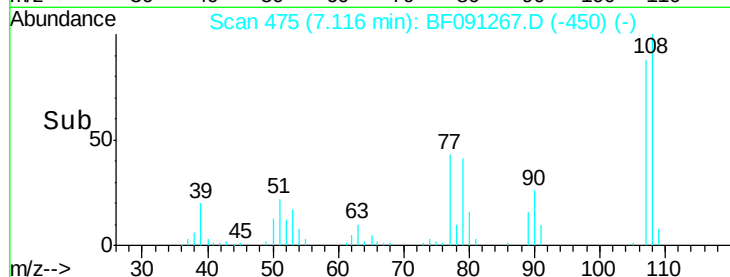
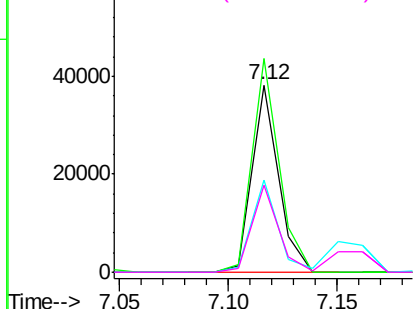
#17
2-Methylphenol
Concen: 2.16 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 32046
Ion Ratio Lower Upper
107 100
108 114.0 67.7 101.5#
77 49.0 40.7 61.1
79 46.7 23.4 35.2#

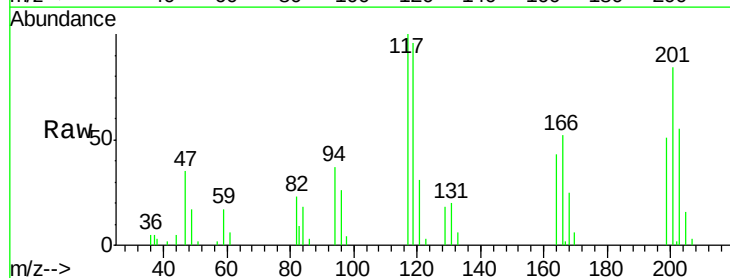


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

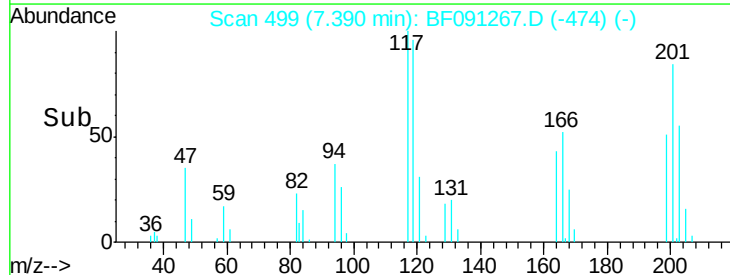
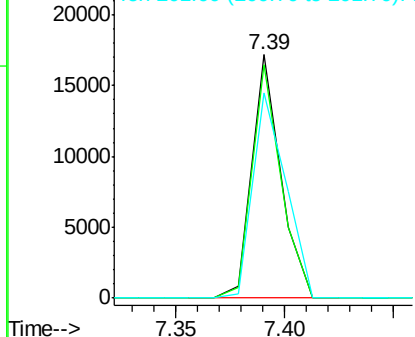


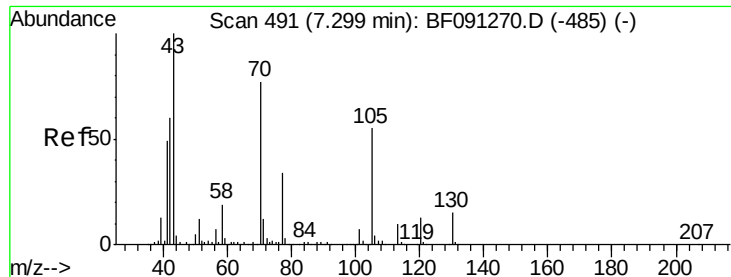
#18
Hexachloroethane
Concen: 2.55 ng
RT: 7.39 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion:117 Resp: 15817
Ion Ratio Lower Upper
117 100
119 95.8 78.6 118.0
201 84.3 86.7 130.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

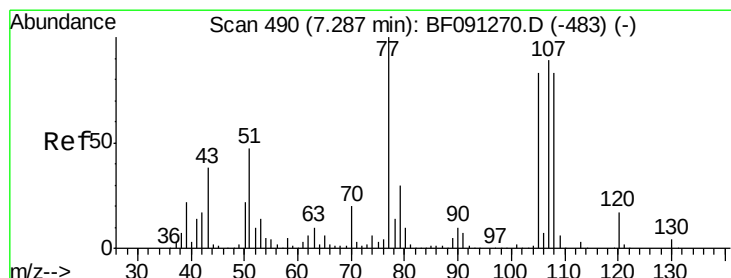
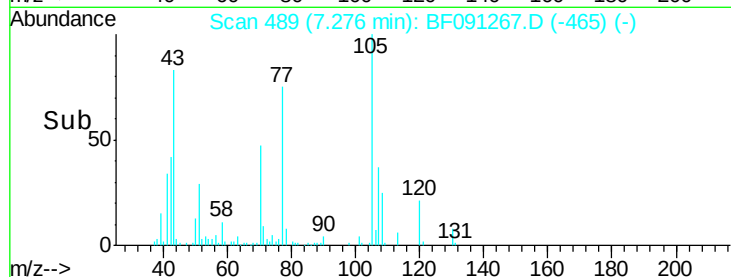
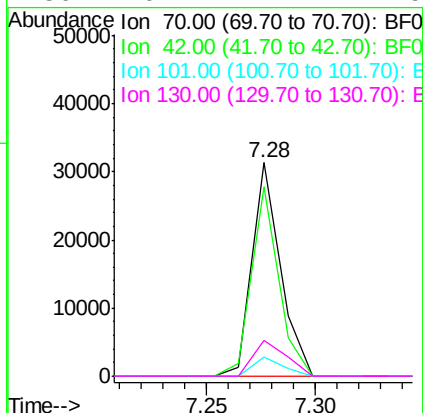
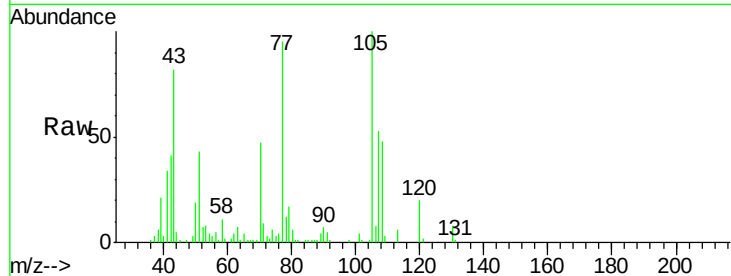




#19
n-Nitroso-di-n-propylamine
Concen: 2.36 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

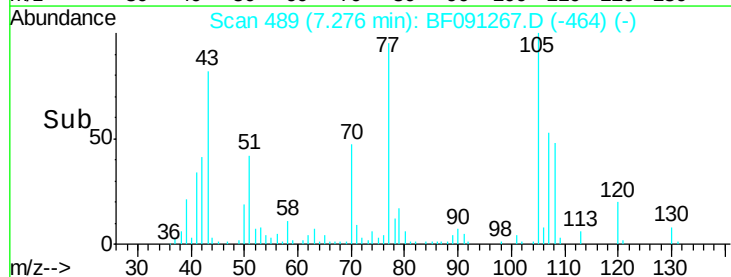
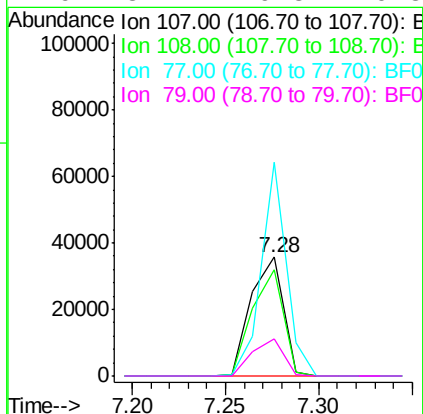
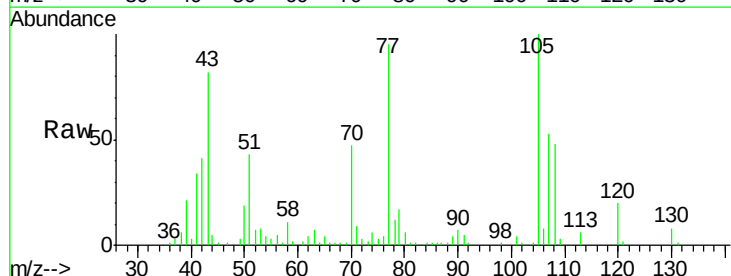
Instrument :
BNA_F
ClientSampled :

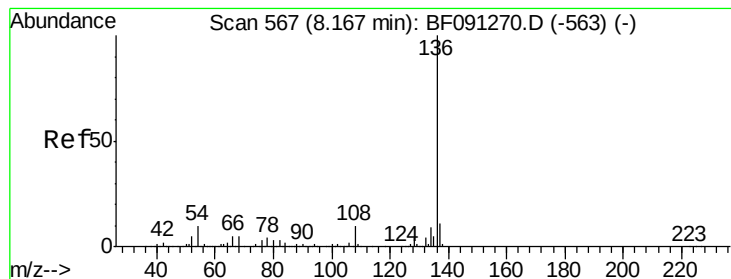
Tot Ion: 70 Resp: 28431
Ion Ratio Lower Upper
70 100
42 89.0 64.8 97.2
101 8.8 6.2 9.4
130 16.7 11.7 17.5



#20
3+4-Methylphenols
Concen: 2.90 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion: 107 Resp: 42988
Ion Ratio Lower Upper
107 100
108 89.7 64.6 104.6
77 179.6 30.9 70.9#
79 31.1 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 867298

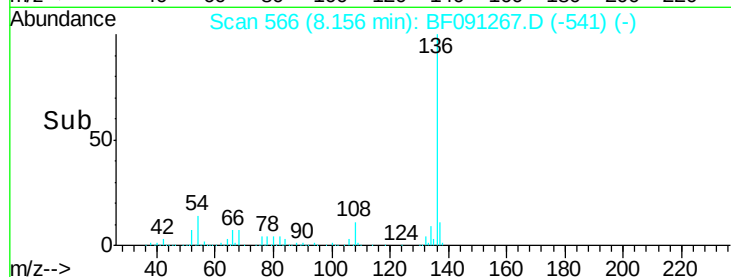
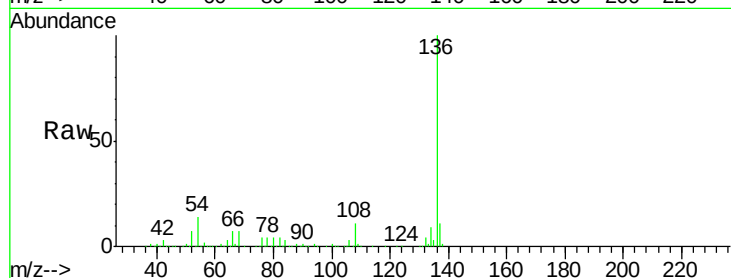
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 14.4 9.1 13.7#

68 6.9 5.9 8.9

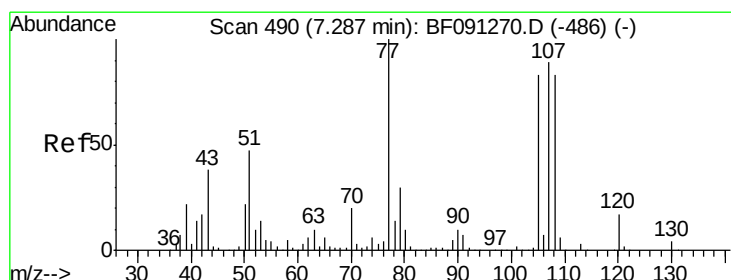
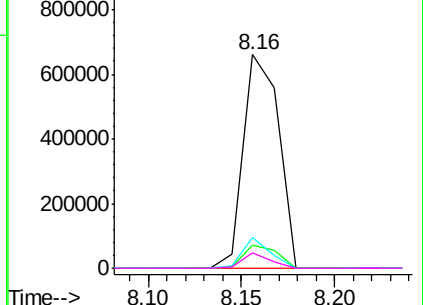


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.83 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Tgt Ion:105 Resp: 58527

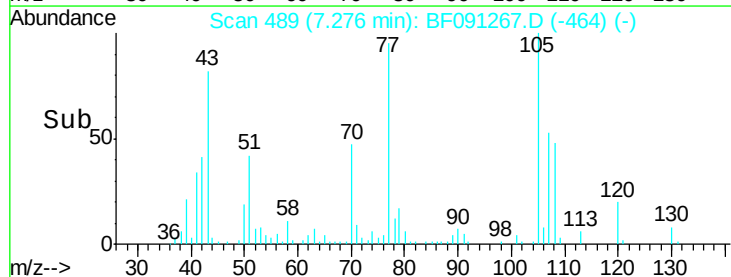
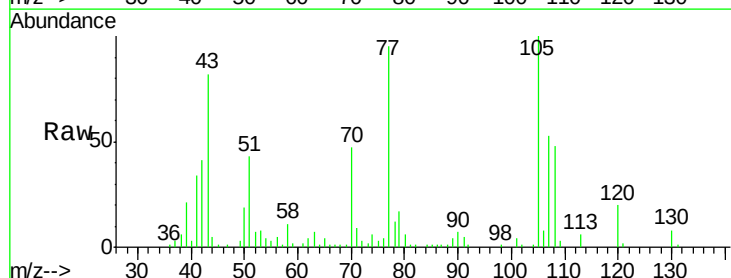
Ion Ratio Lower Upper

105 100

71 9.0 7.9 11.9

51 42.8 24.5 36.7#

120 20.4 16.6 24.8

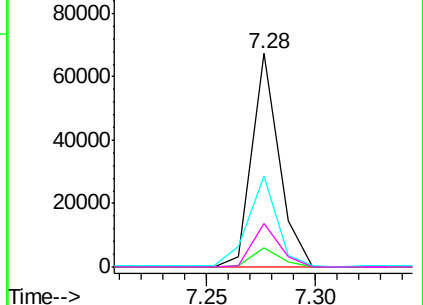


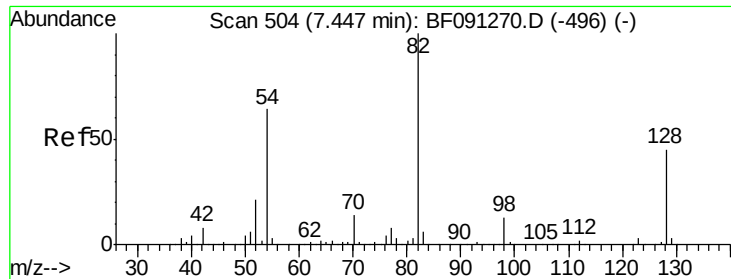
Abundance Ion 105.00 (104.70 to 105.70): E

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

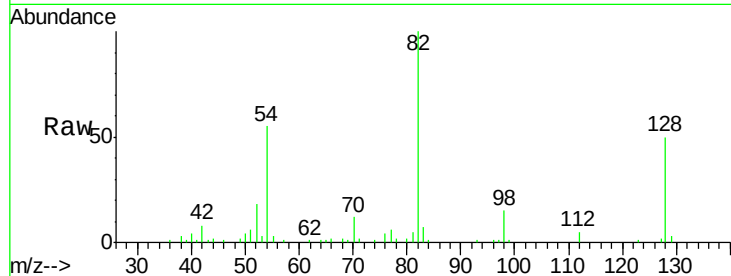




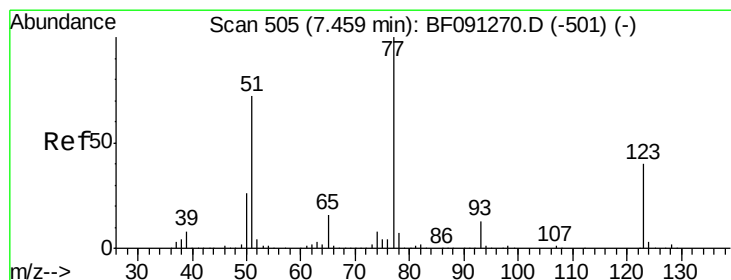
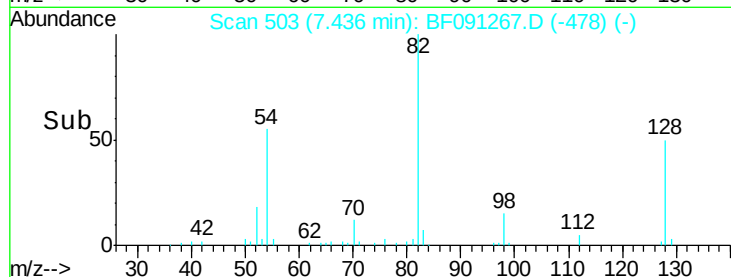
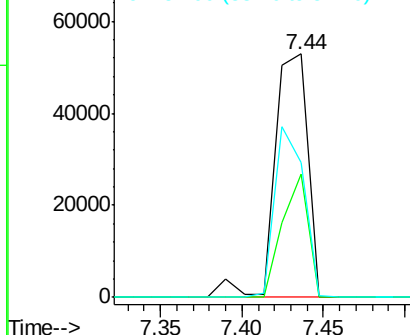
#23
Nitrobenzene-d5
Concen: 4.74 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 74517
Ion Ratio Lower Upper
82 100
128 50.4 31.8 47.6#
54 55.4 49.1 73.7

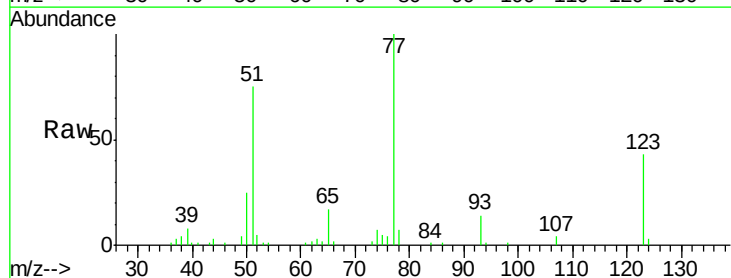


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

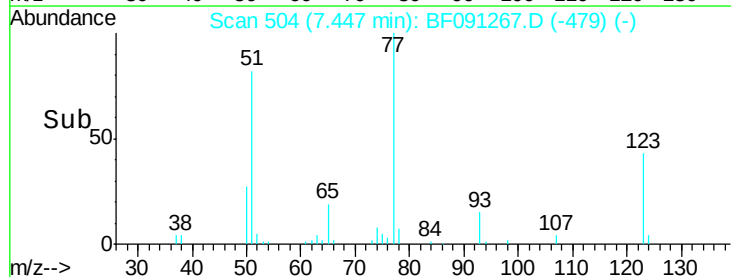
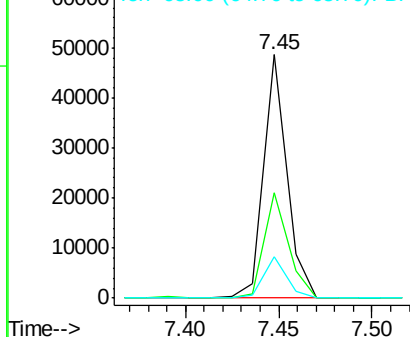


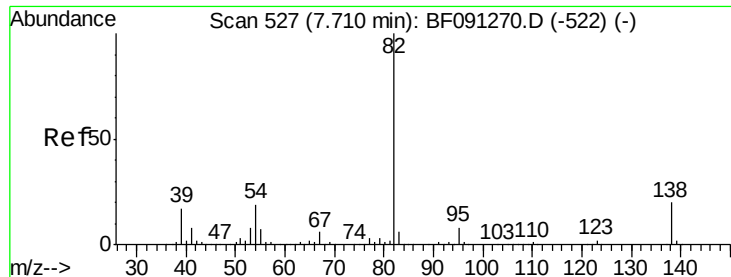
#24
Nitrobenzene
Concen: 2.38 ng
RT: 7.45 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion: 77 Resp: 41643
Ion Ratio Lower Upper
77 100
123 43.3 28.5 42.7#
65 17.1 12.5 18.7



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: 2.62 ng

RT: 7.69 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

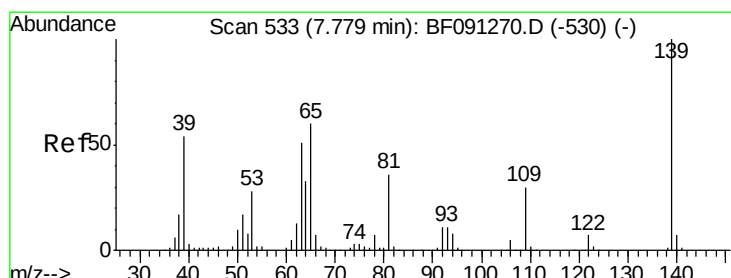
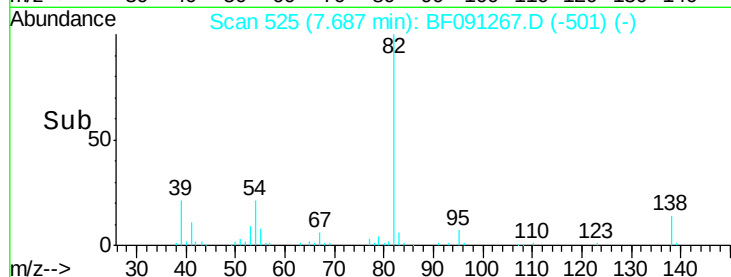
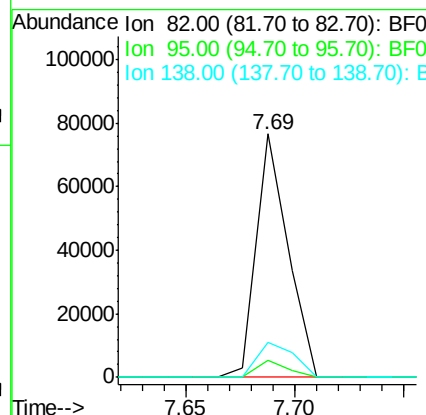
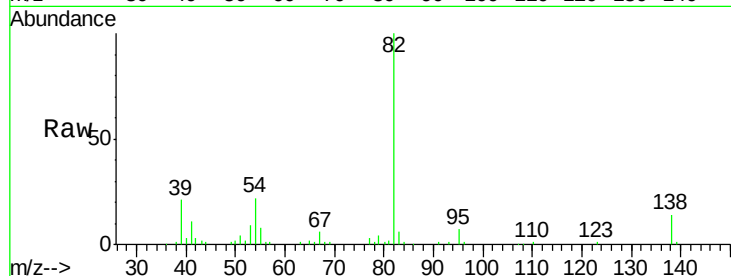
Tot Ion: 82 Resp: 77774

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 14.3 13.4 20.0



#26

2-Nitrophenol

Concen: 1.59 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

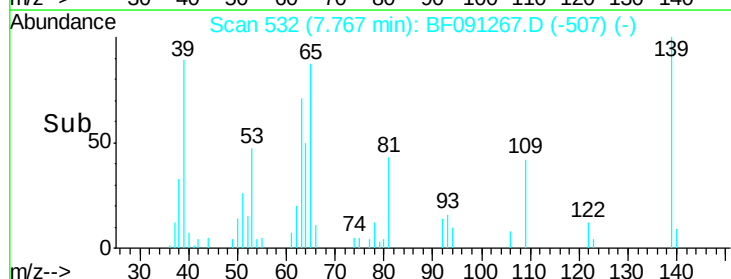
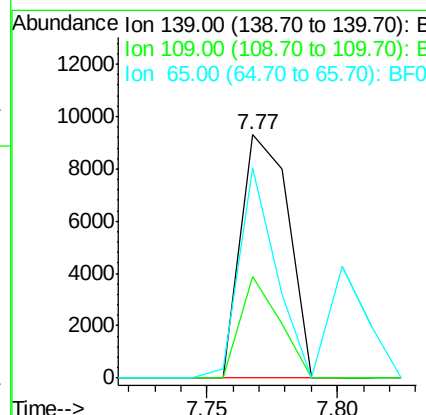
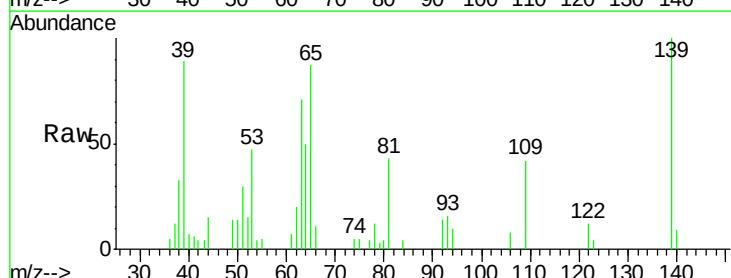
Tgt Ion: 139 Resp: 11864

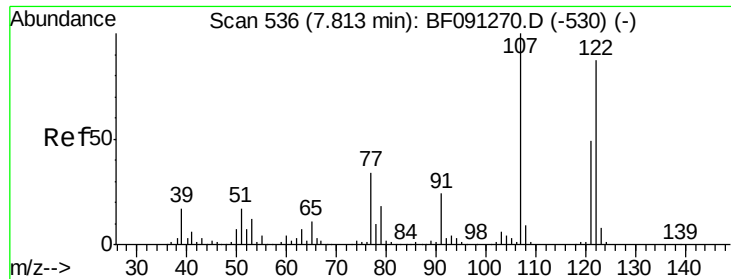
Ion Ratio Lower Upper

139 100

109 41.7 25.3 37.9#

65 86.6 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 3.35 ng

RT: 7.80 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

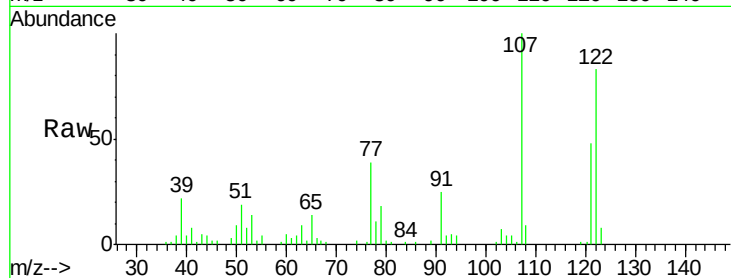
Tot Ion:122 Resp: 39466

Ion Ratio Lower Upper

122 100

107 120.2 96.8 145.2

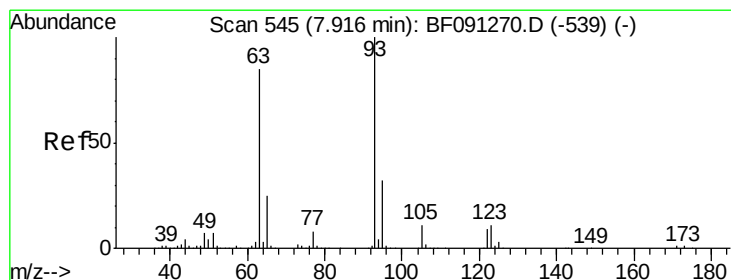
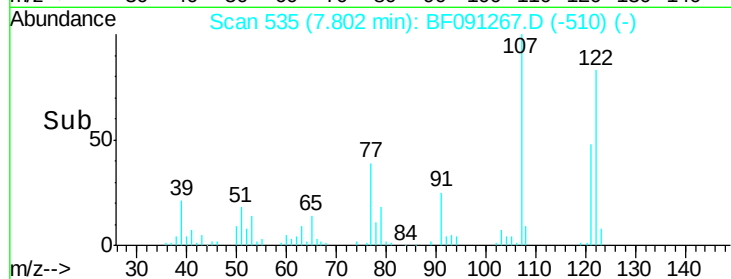
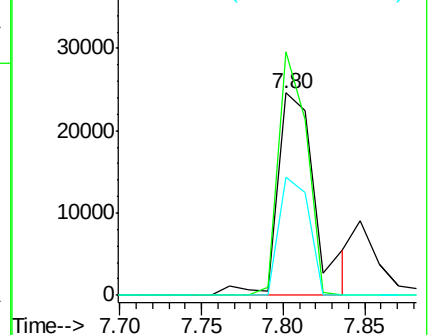
121 58.1 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.80 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

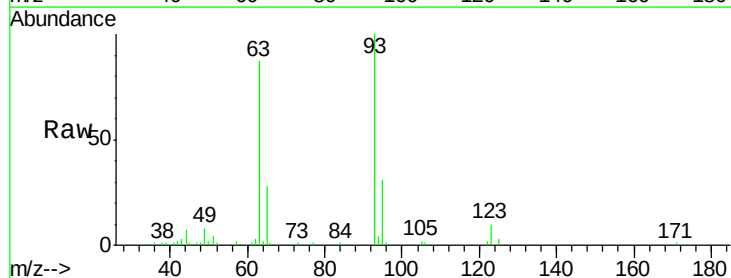
Tgt Ion: 93 Resp: 45428

Ion Ratio Lower Upper

93 100

95 30.7 26.0 39.0

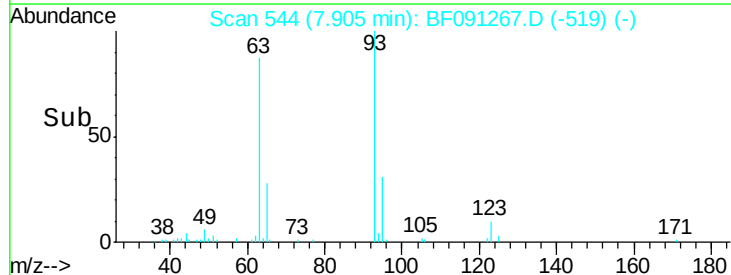
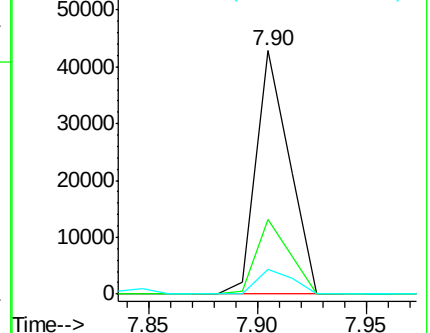
123 10.0 8.6 12.8

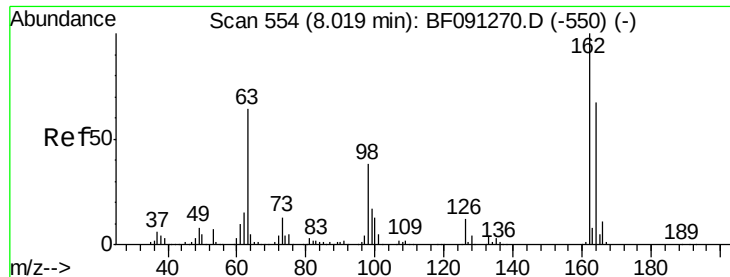


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 2.79 ng

RT: 8.01 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

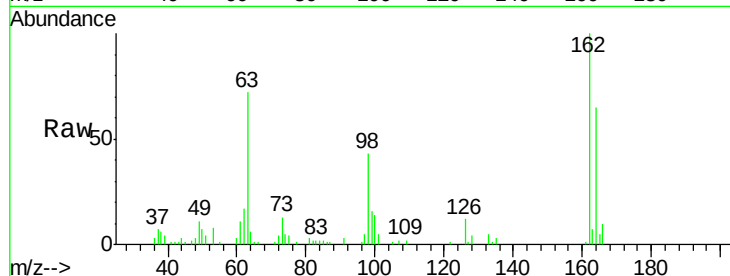
Tot Ion:162 Resp: 32711

Ion Ratio Lower Upper

162 100

164 65.3 45.0 85.0

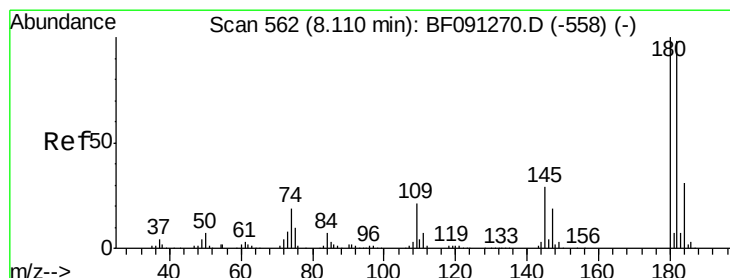
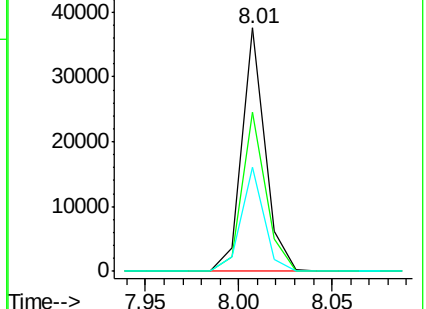
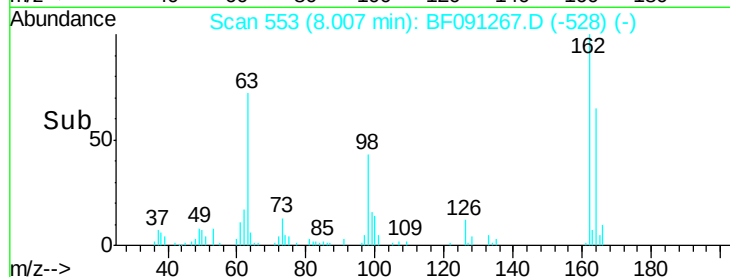
98 42.6 21.3 61.3



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: 2.96 ng

RT: 8.10 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

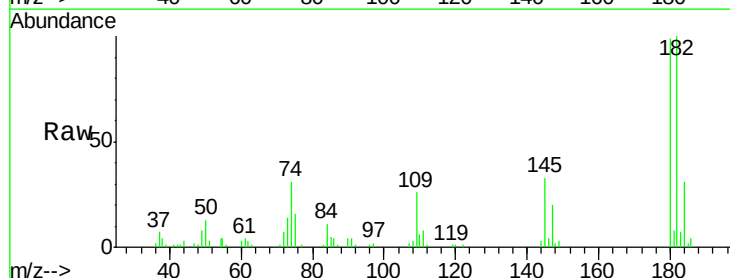
Tgt Ion:180 Resp: 38844

Ion Ratio Lower Upper

180 100

182 101.1 75.8 113.8

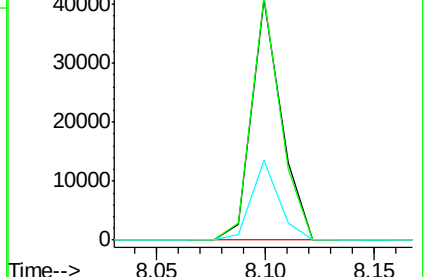
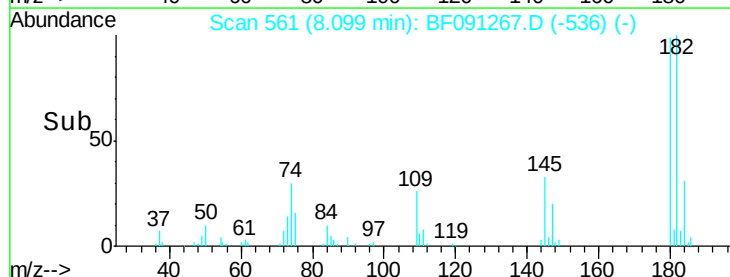
145 33.0 27.0 40.4

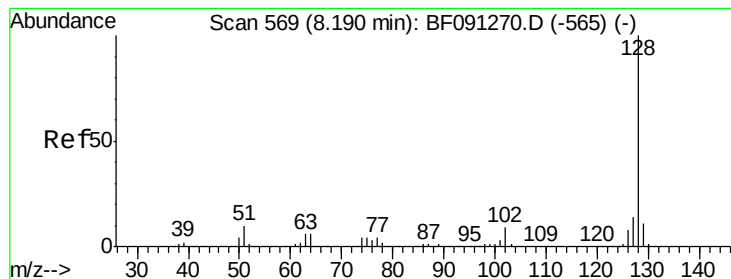


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 3.06 ng

RT: 8.18 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

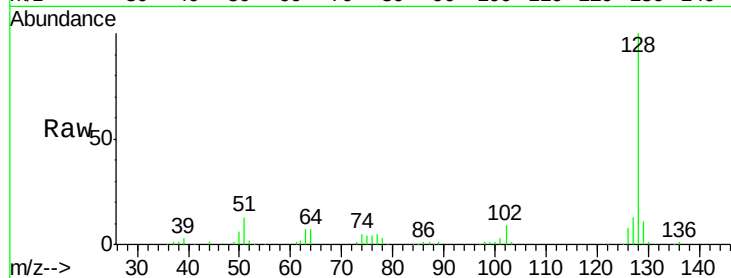
Tot Ion:128 Resp: 124042

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

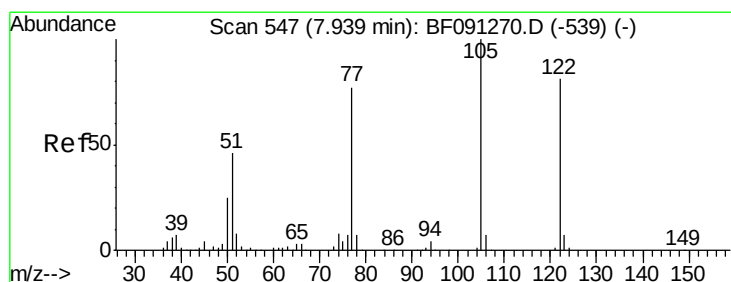
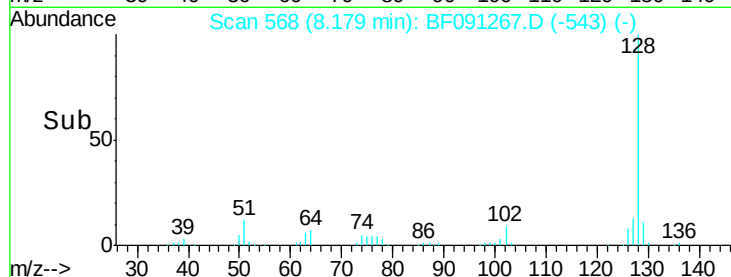
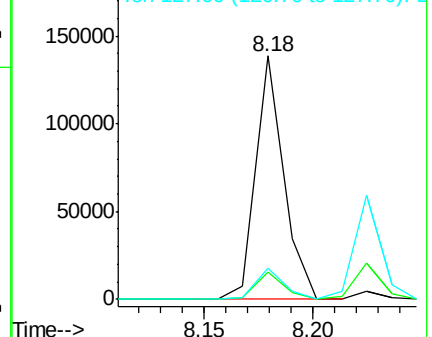
127 12.9 11.0 16.4



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: 8.03 ng

RT: 7.80 min Scan# 535

Delta R.T. -0.14 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

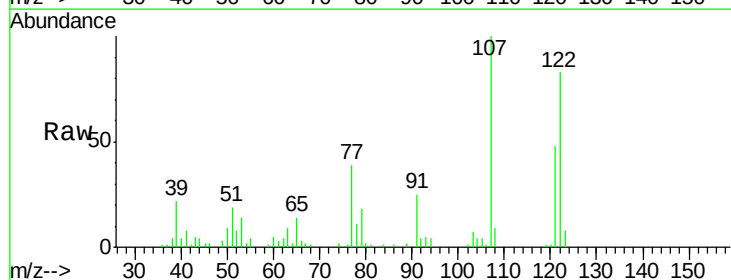
Tgt Ion:122 Resp: 39466

Ion Ratio Lower Upper

122 100

105 5.0 113.0 153.0#

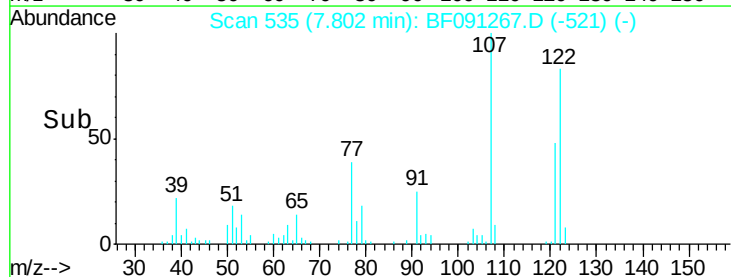
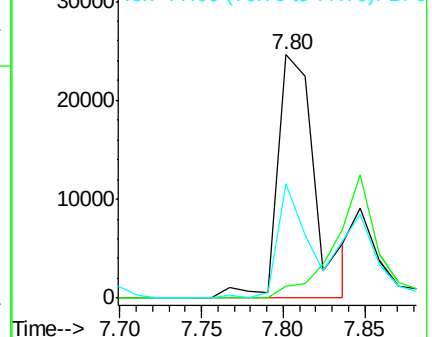
77 47.1 82.0 122.0#

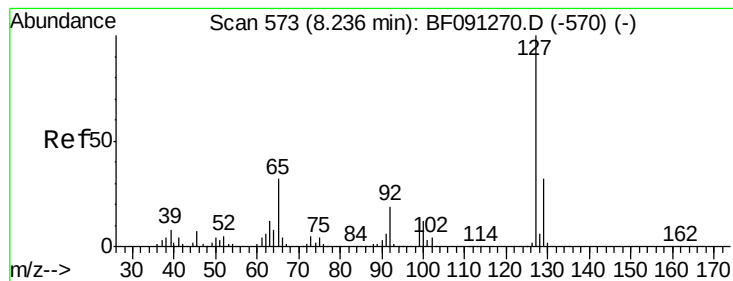


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.05 ng

RT: 8.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 50080

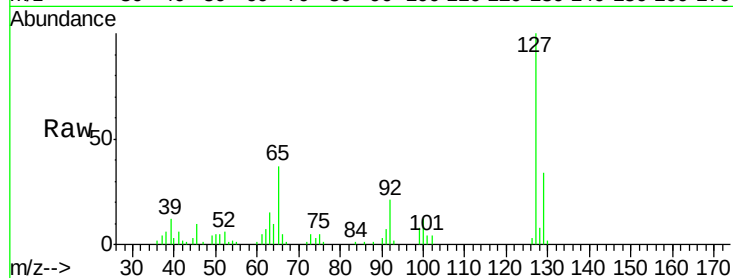
Ion Ratio Lower Upper

127 100

129 34.2 26.2 39.4

65 36.6 26.6 39.8

92 21.0 15.4 23.0

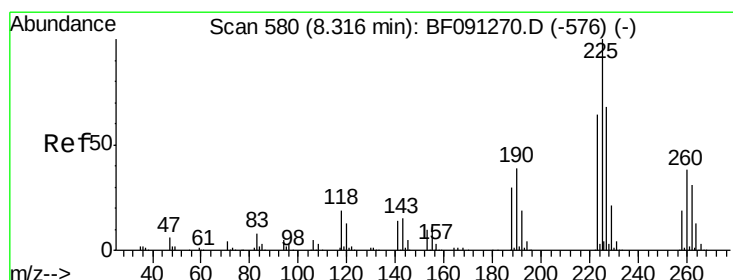
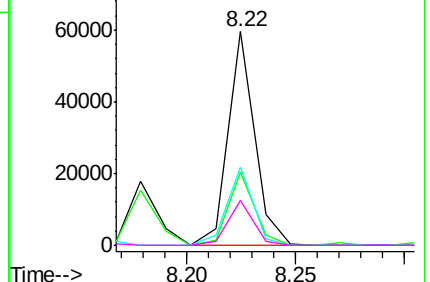
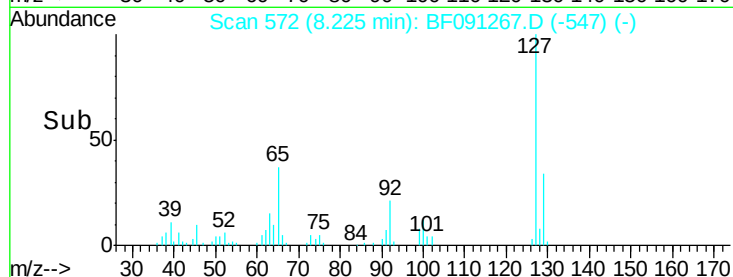


Abundance Ion 127.00 (126.70 to 127.70): E

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: 2.93 ng

RT: 8.30 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

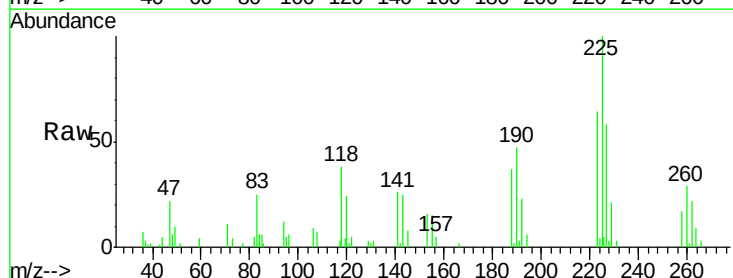
Tgt Ion:225 Resp: 22792

Ion Ratio Lower Upper

225 100

223 63.8 49.8 74.6

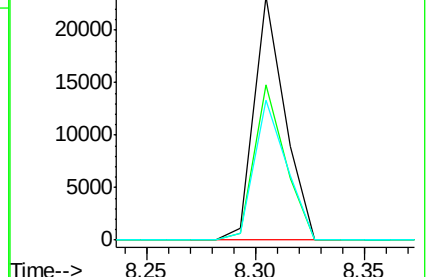
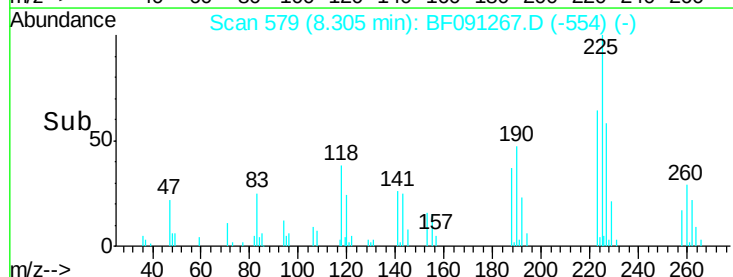
227 57.6 52.6 79.0

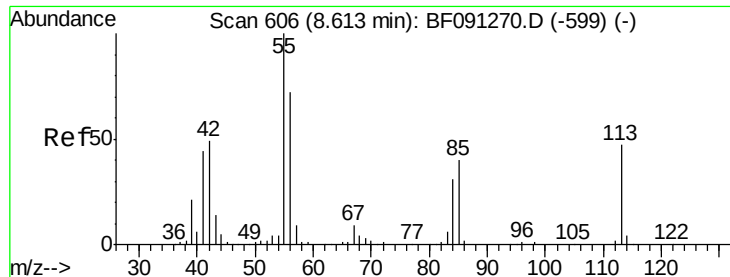


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 2.83 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.07 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

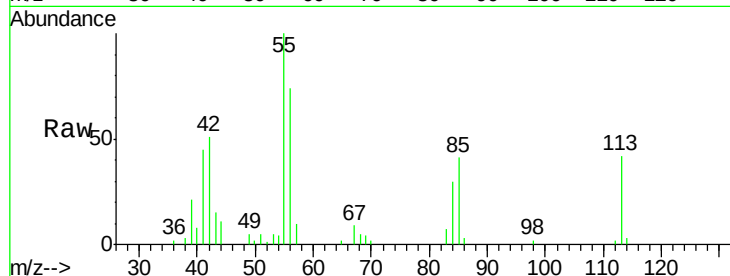
Tot Ion:113 Resp: 9350

Ion Ratio Lower Upper

113 100

55 238.9 239.8 279.8#

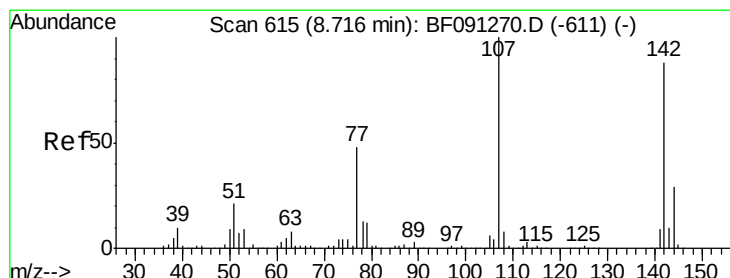
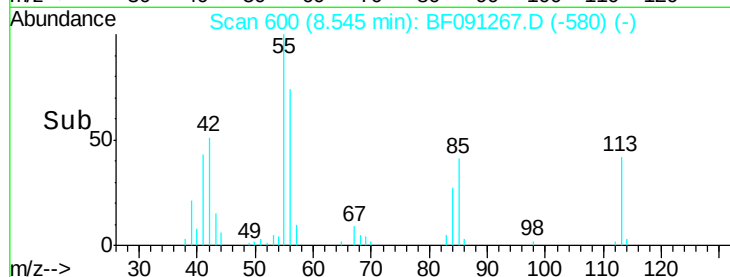
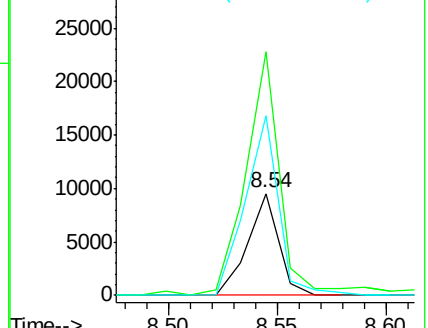
56 176.4 165.6 205.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.41 ng

RT: 8.69 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

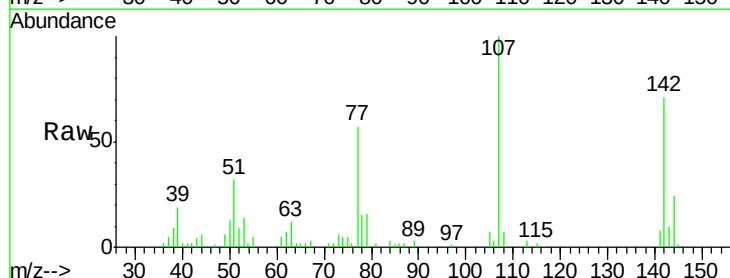
Tgt Ion:107 Resp: 31028

Ion Ratio Lower Upper

107 100

144 23.7 18.9 28.3

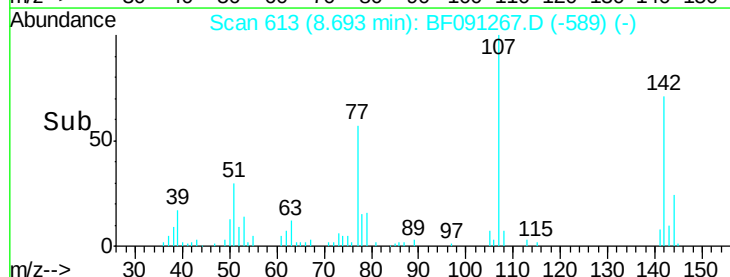
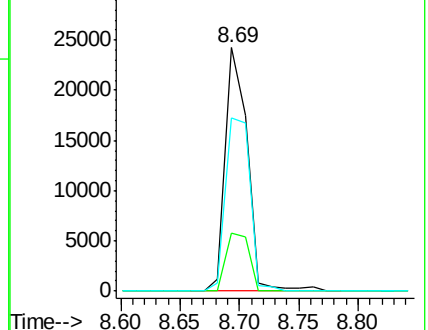
142 71.3 58.5 87.7

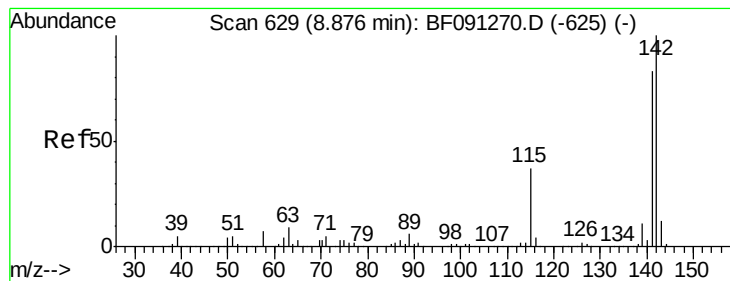


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 3.21 ng

RT: 8.88 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

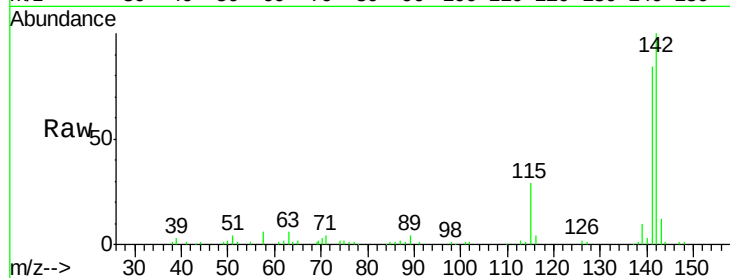
Tot Ion:142 Resp: 87336

Ion Ratio Lower Upper

142 100

141 84.1 71.7 107.5

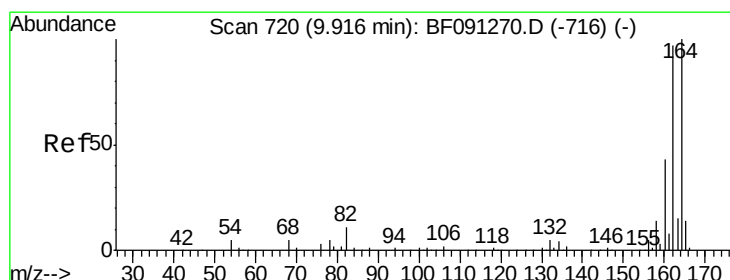
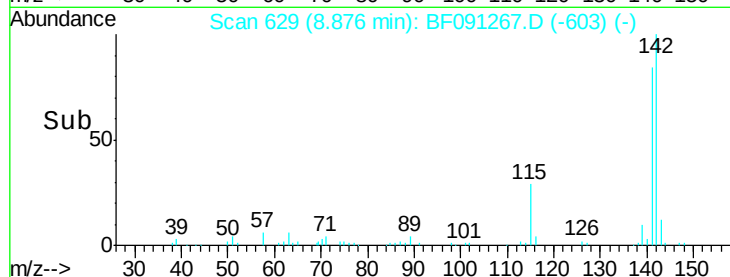
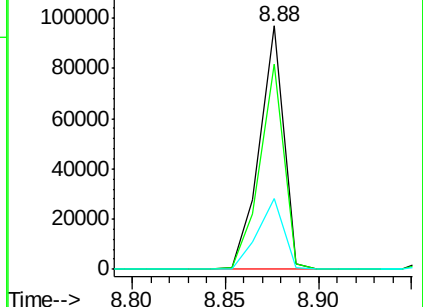
115 29.0 25.0 37.6



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: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

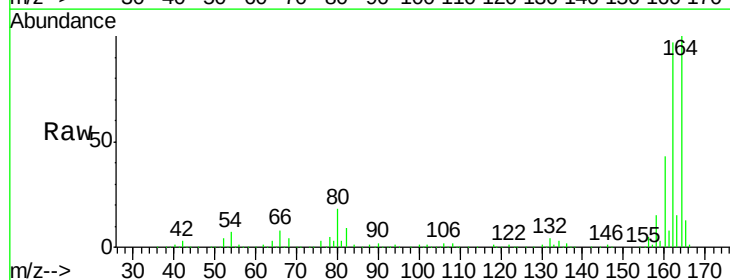
Tgt Ion:164 Resp: 526606

Ion Ratio Lower Upper

164 100

162 96.6 82.6 124.0

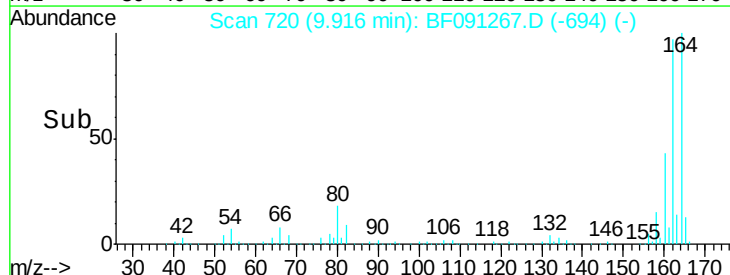
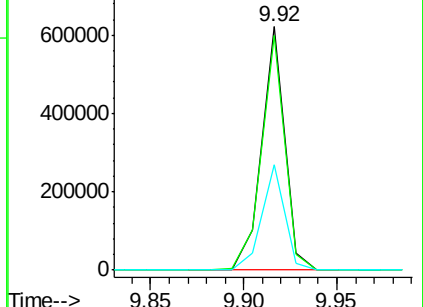
160 43.3 36.7 55.1

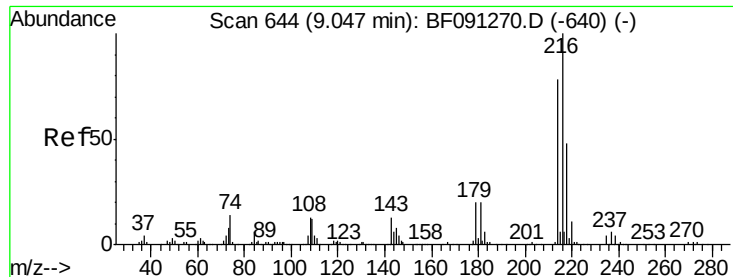


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

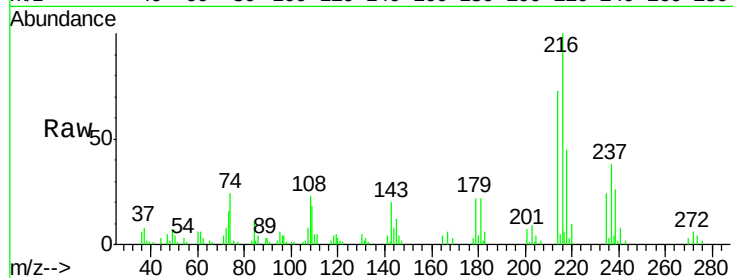




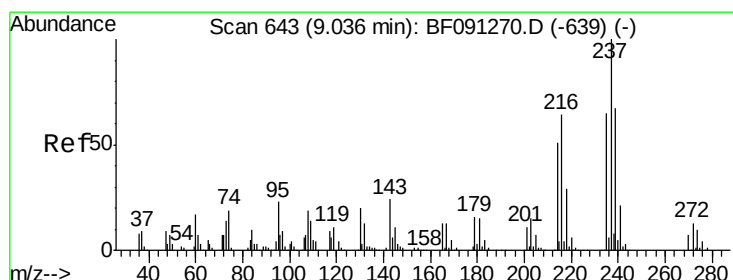
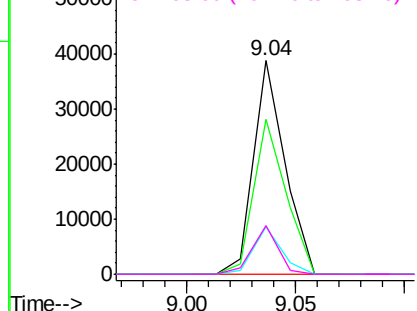
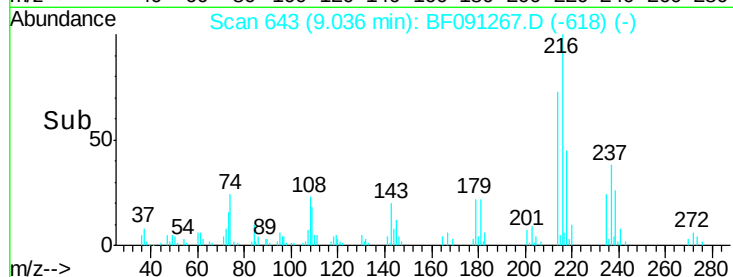
#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.61 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:216	Resp:	38792
Ion Ratio	Lower	Upper
216	100	
214	74.6	63.8 95.8
179	20.4	18.2 27.2
108	19.1	17.2 25.8

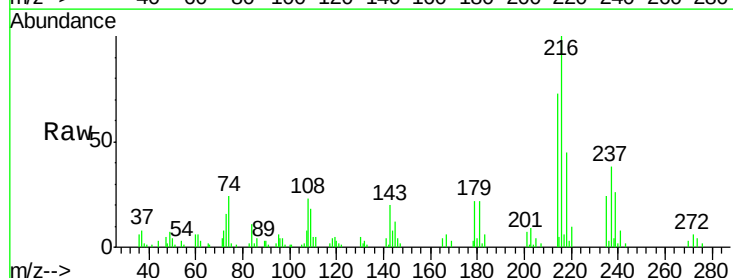


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

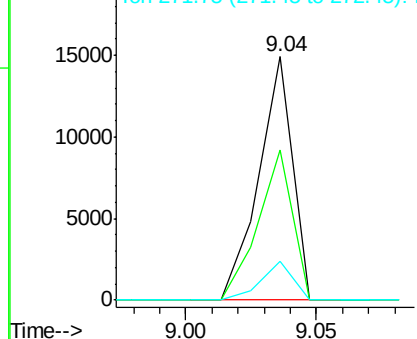
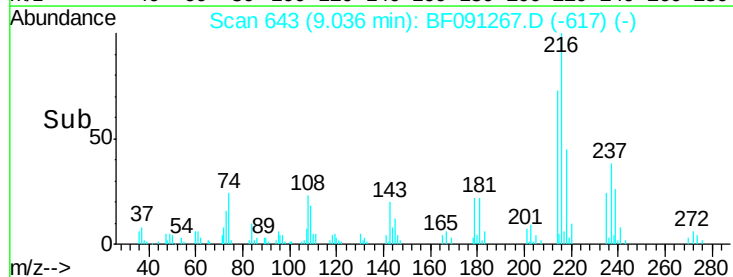


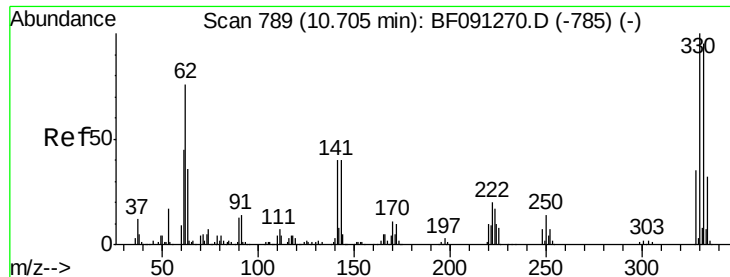
#40
Hexachlorocyclopentadiene
Concen: 8.35 ng
RT: 9.04 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion:237	Resp:	13505
Ion Ratio	Lower	Upper
237	100	
235	61.8	43.9 83.9
272	15.9	0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

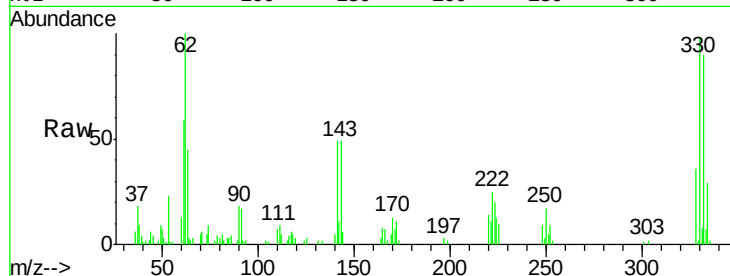




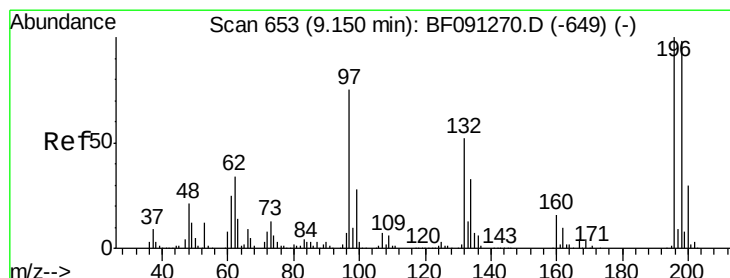
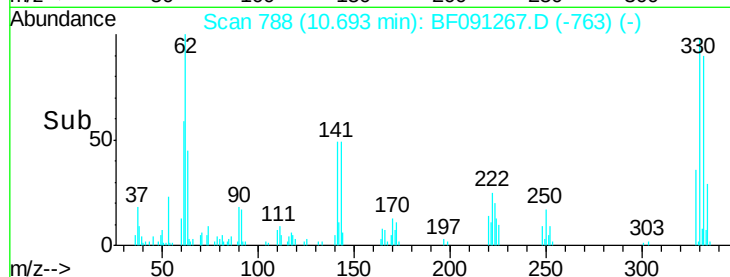
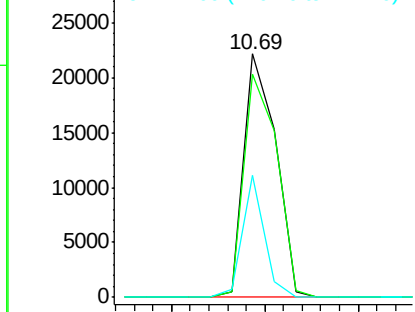
#41
 2,4,6-Tribromophenol
 Concen: 5.37 ng
 RT: 10.69 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	34.5	33.6	50.4

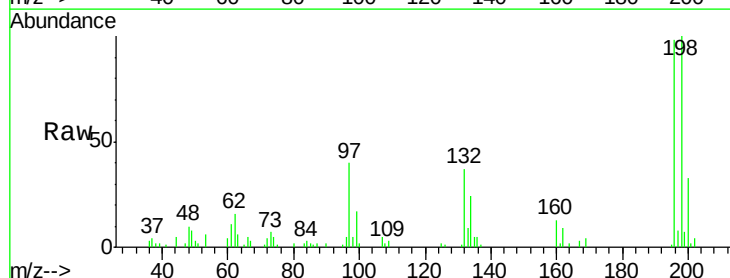


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

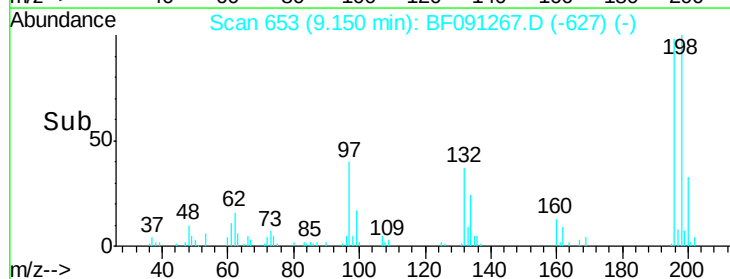
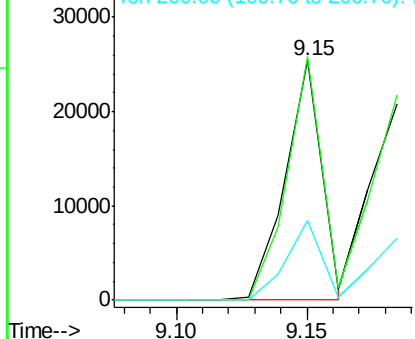


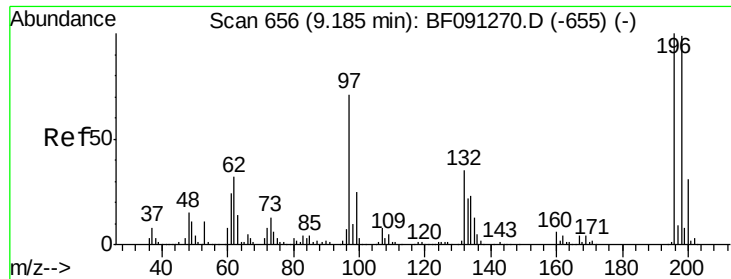
#42
 2,4,6-Trichlorophenol
 Concen: 2.72 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.7	77.4	116.0
200	33.1	25.2	37.8



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

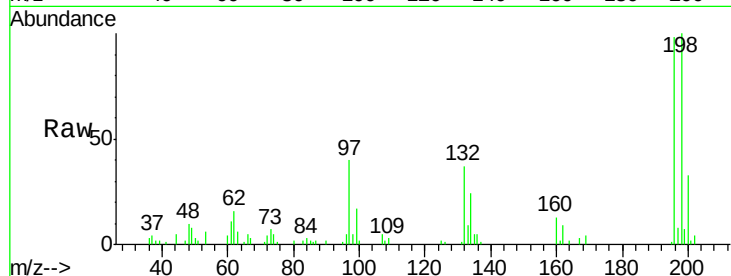




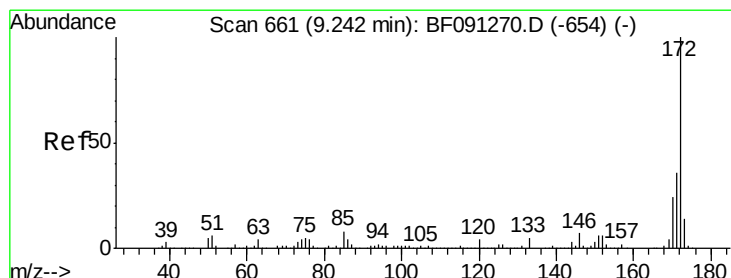
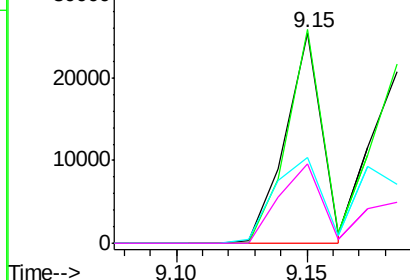
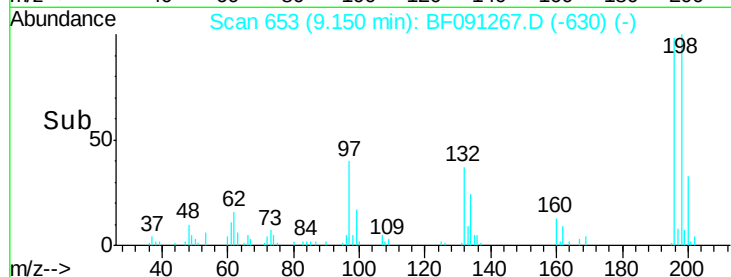
#43
2,4,5-Trichlorophenol
Concen: 2.60 ng
RT: 9.15 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 24600
Ion Ratio Lower Upper
196 100
198 101.7 77.0 115.6
97 41.1 33.5 50.3
132 37.8 20.5 30.7#

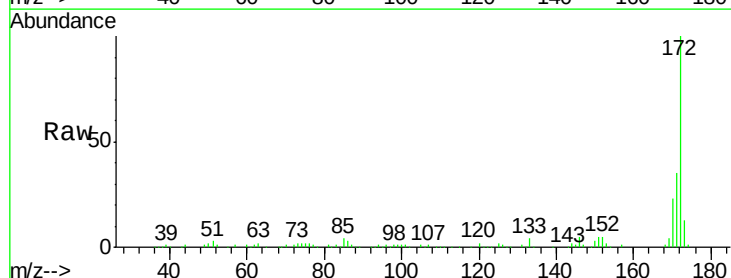


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

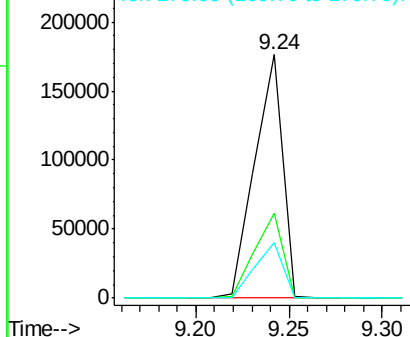
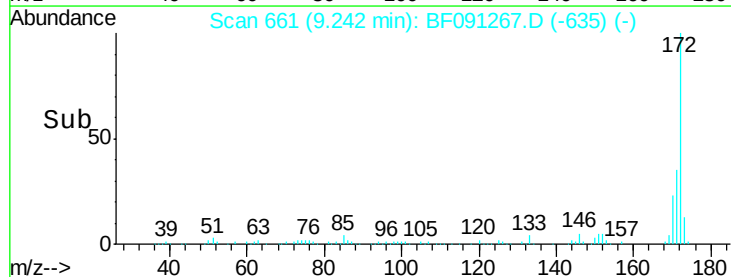


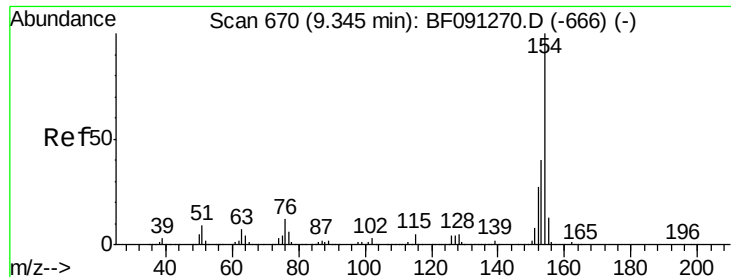
#44
2-Fluorobiphenyl
Concen: 6.16 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion:172 Resp: 185809
Ion Ratio Lower Upper
172 100
171 34.8 29.4 44.0
170 22.7 19.7 29.5



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





#45

1,1'-Biphenyl

Concen: 2.56 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

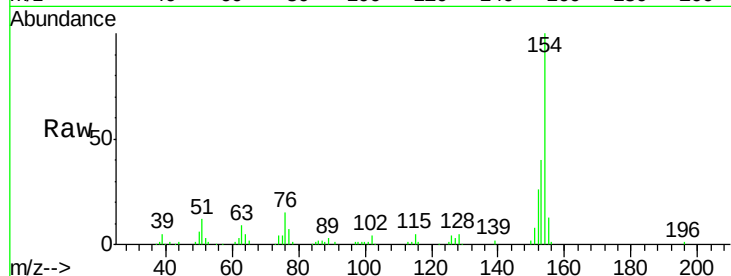
Tot Ion:154 Resp: 102875

Ion Ratio Lower Upper

154 100

153 39.6 20.6 60.6

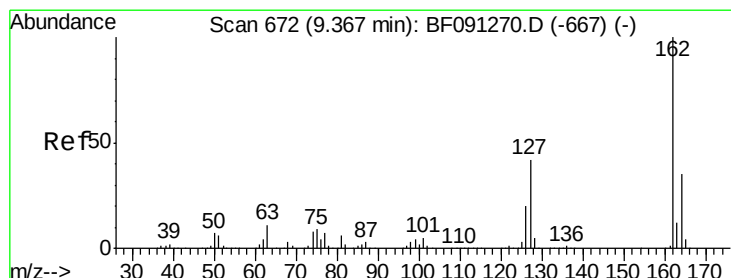
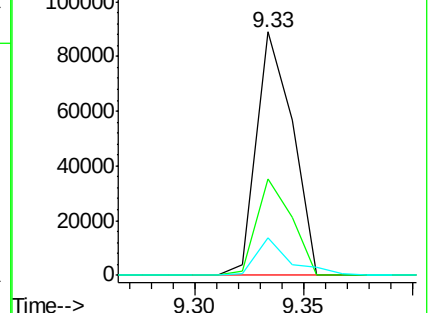
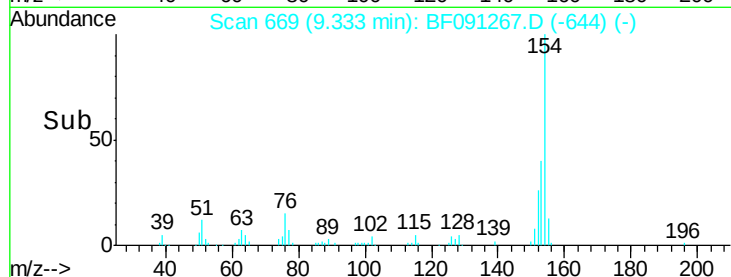
76 15.2 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 2.58 ng

RT: 9.36 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

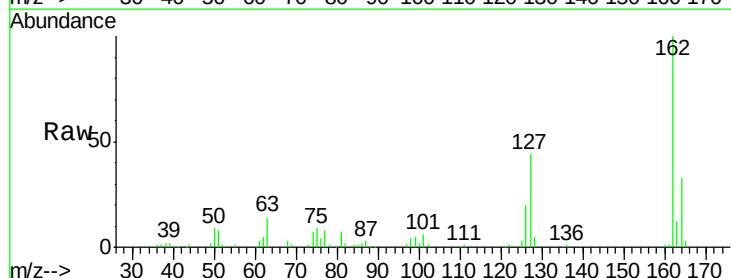
Tgt Ion:162 Resp: 77054

Ion Ratio Lower Upper

162 100

127 44.4 34.3 51.5

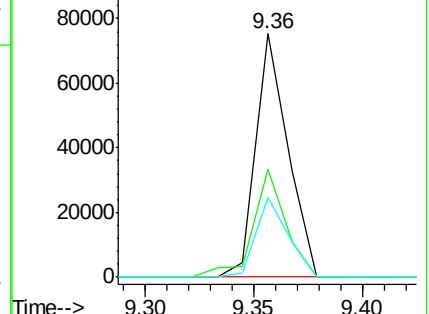
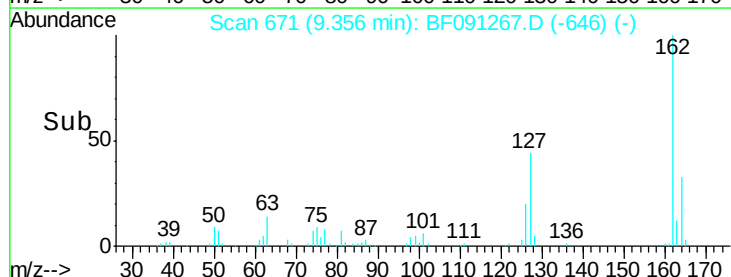
164 32.6 26.6 40.0

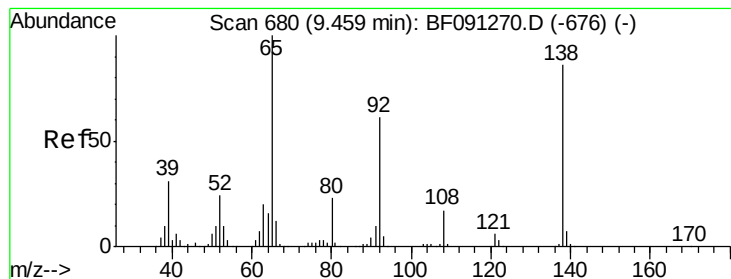


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 1.63 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

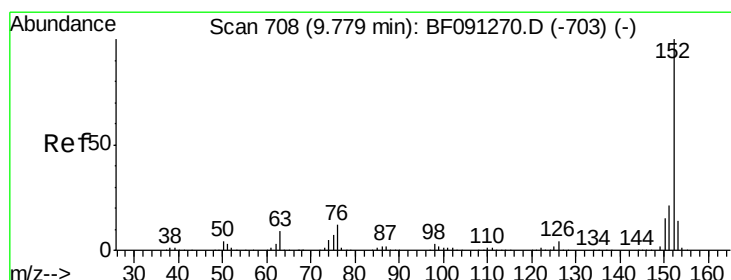
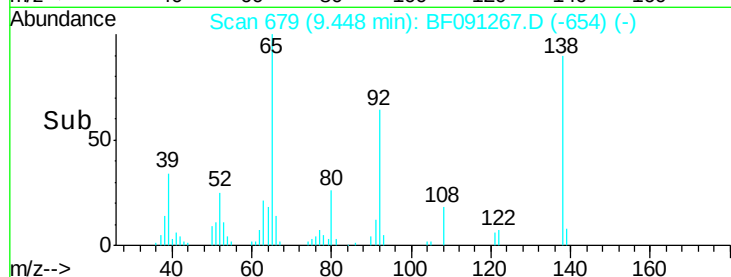
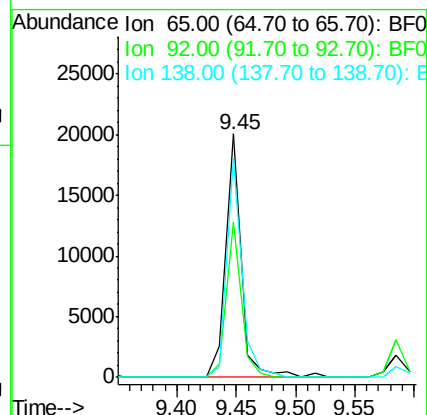
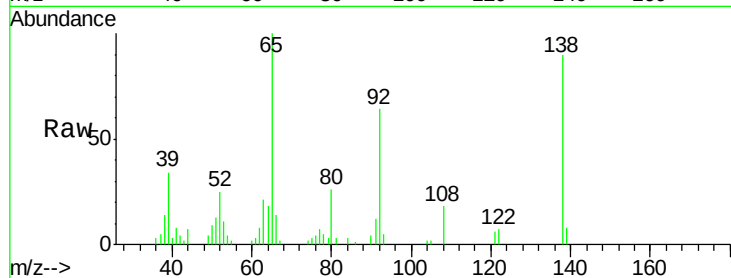
Tot Ion: 65 Resp: 18058

Ion Ratio Lower Upper

65 100

92 63.9 53.6 80.4

138 89.8 91.0 136.6#



#48

Acenaphthylene

Concen: 2.73 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

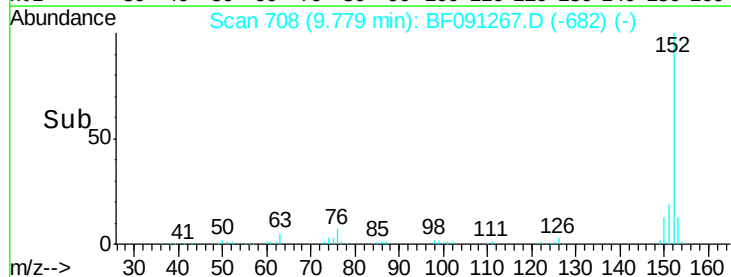
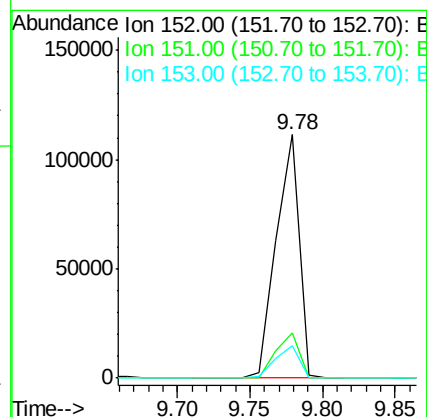
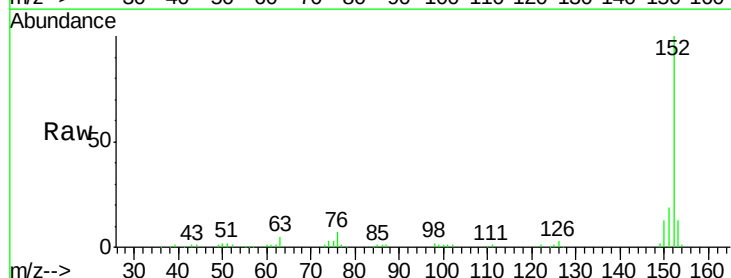
Tgt Ion: 152 Resp: 122599

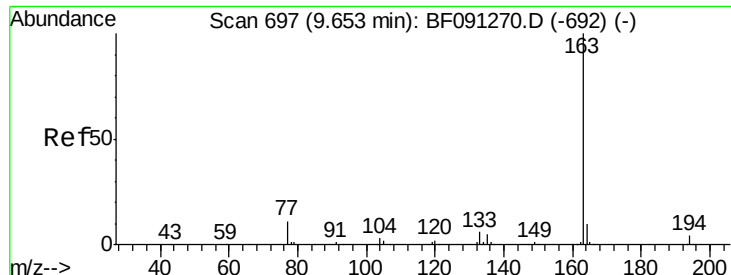
Ion Ratio Lower Upper

152 100

151 18.7 16.6 24.8

153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 2.61 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

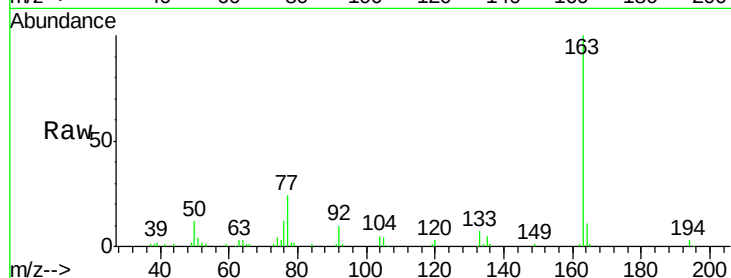
Tot Ion:163 Resp: 91748

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

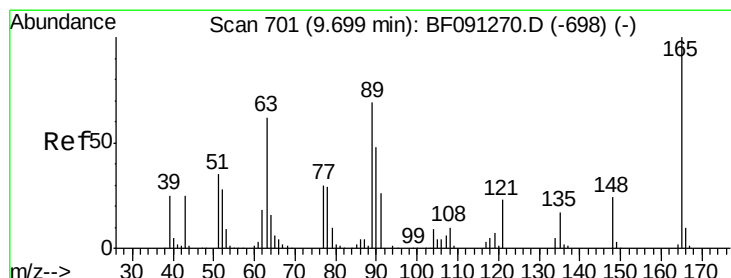
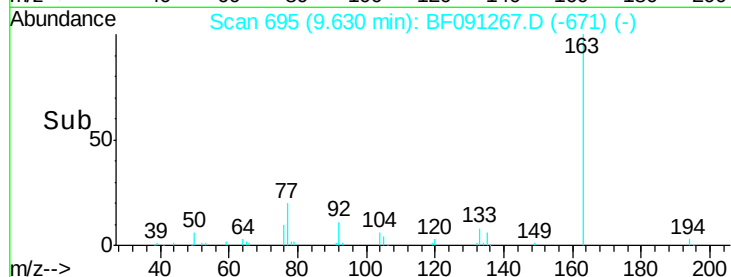
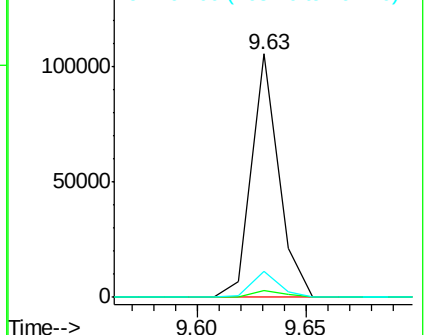
164 10.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 1.89 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

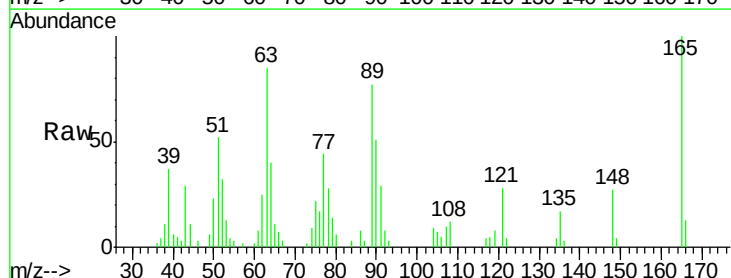
Tgt Ion:165 Resp: 14235

Ion Ratio Lower Upper

165 100

63 85.1 59.4 89.0

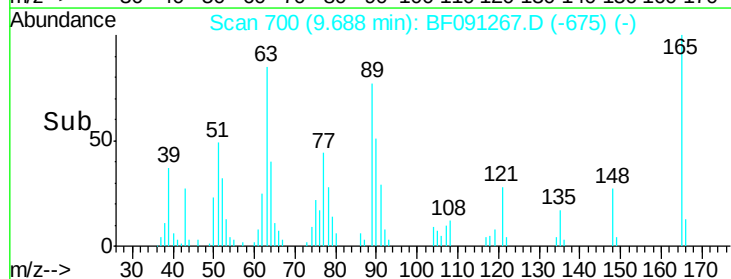
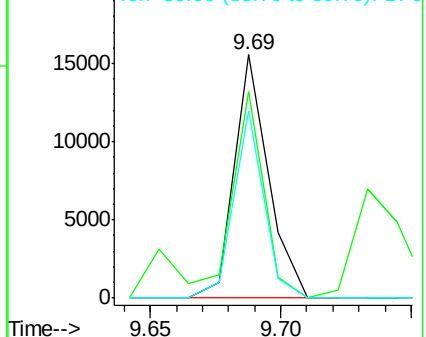
89 77.0 50.8 76.2#

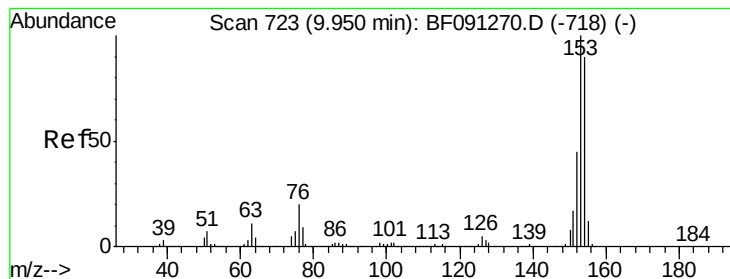


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.03 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

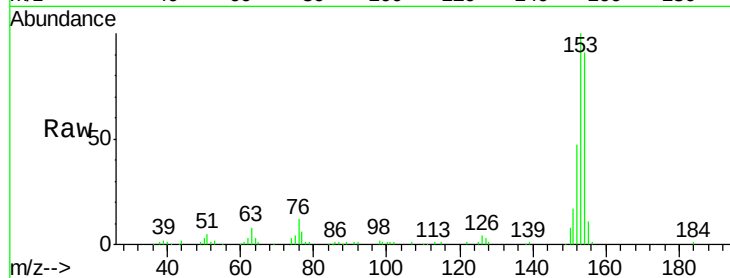
Tot Ion:154 Resp: 84554

Ion Ratio Lower Upper

154 100

153 109.7 91.0 136.6

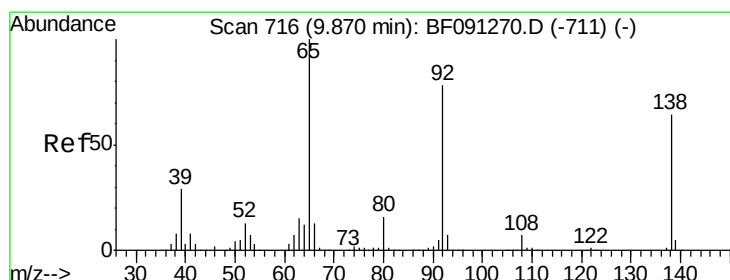
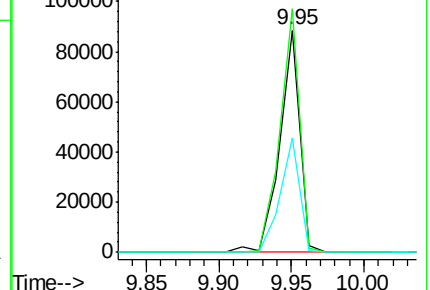
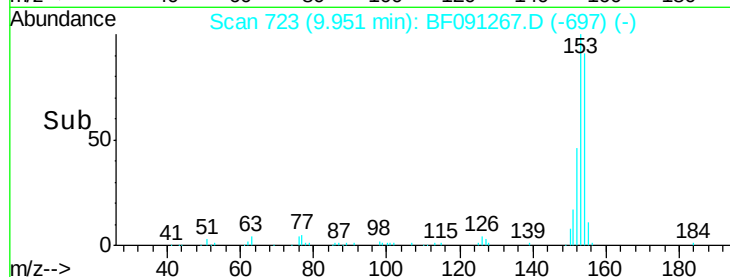
152 51.4 44.2 66.2



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: 2.03 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

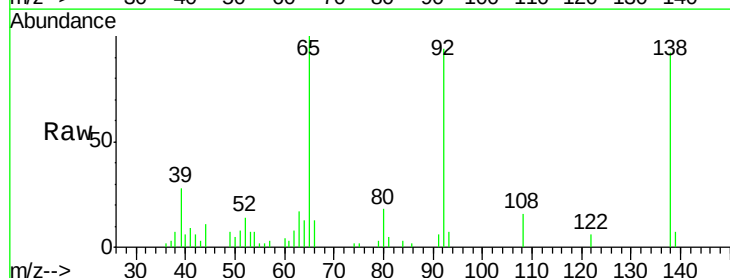
Tgt Ion:138 Resp: 16335

Ion Ratio Lower Upper

138 100

108 17.4 8.1 12.1#

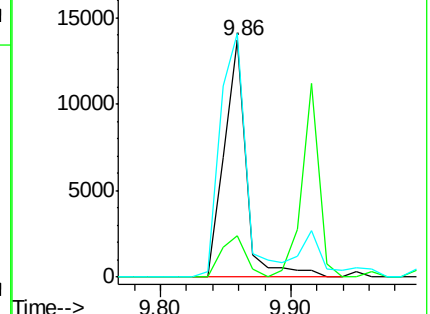
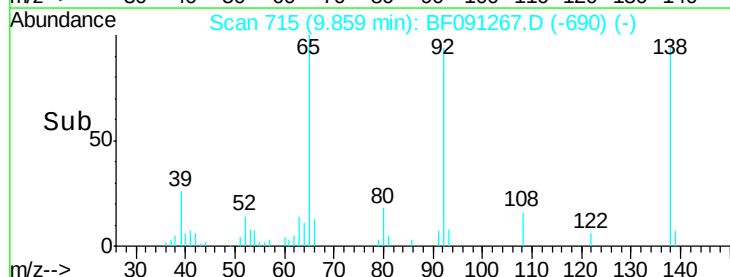
92 102.7 92.5 138.7

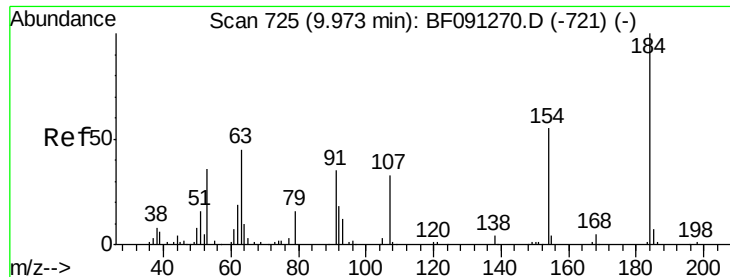


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

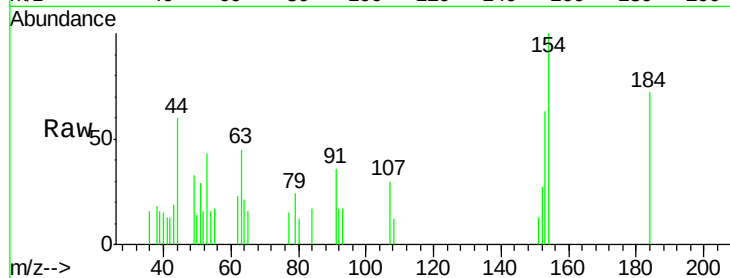




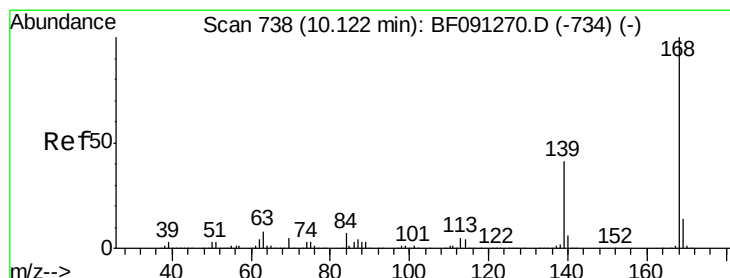
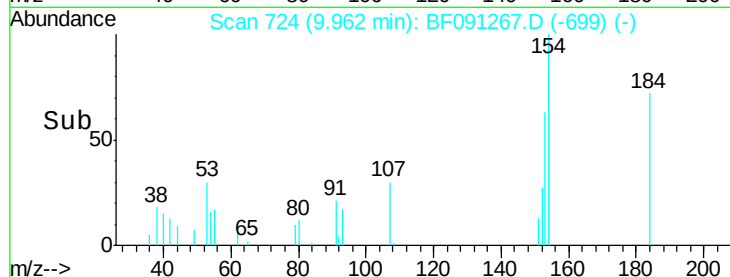
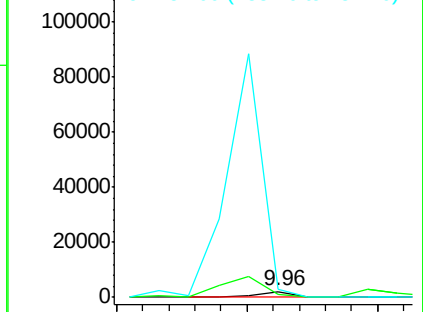
#53
2,4-Dinitrophenol
Concen: 7.10 ng
RT: 9.96 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 1830
Ion Ratio Lower Upper
184 100
63 62.5 58.3 87.5
154 139.2 48.6 73.0#

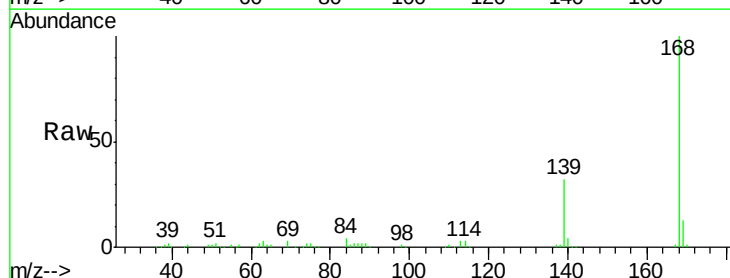


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

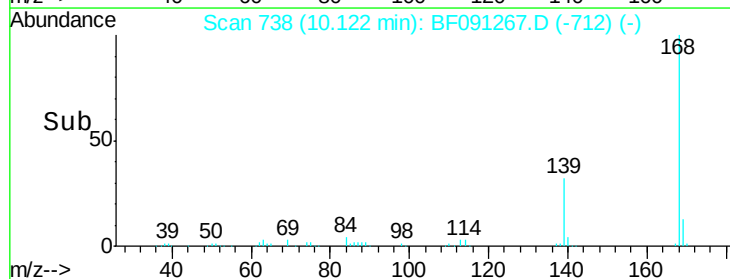
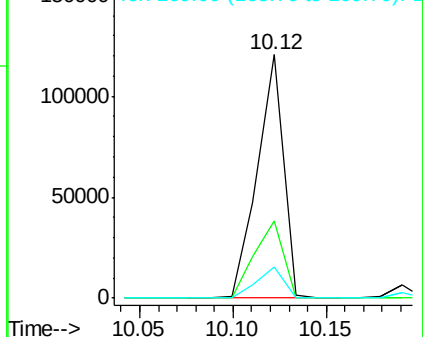


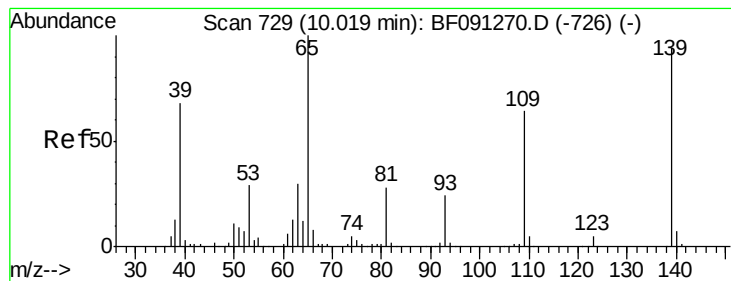
#54
Dibenzofuran
Concen: 3.00 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion:168 Resp: 116345
Ion Ratio Lower Upper
168 100
139 31.6 33.4 50.2#
169 12.6 11.1 16.7



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: 9.05 ng

RT: 10.00 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

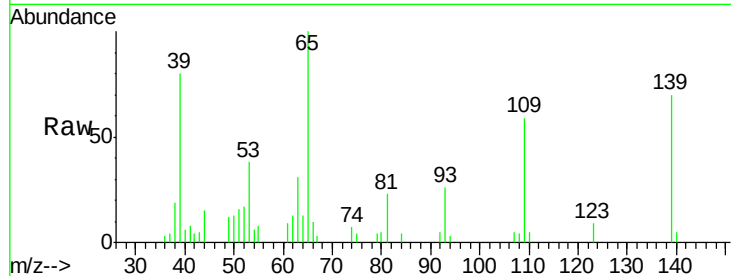
Tot Ion:139 Resp: 10717

Ion Ratio Lower Upper

139 100

109 84.2 54.9 94.9

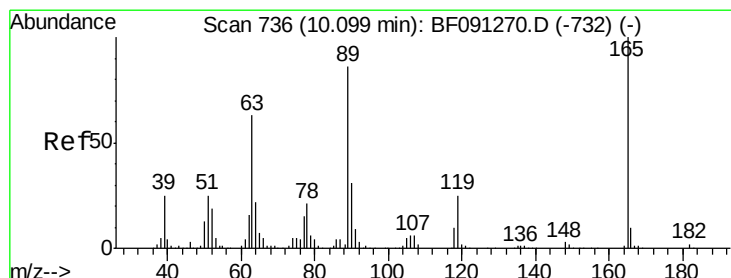
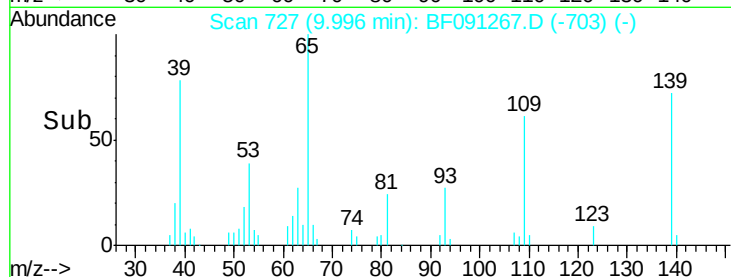
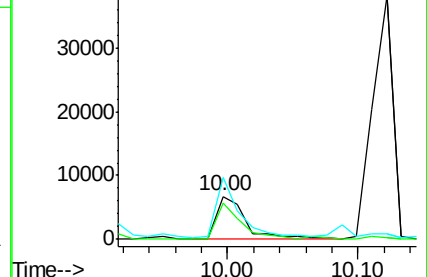
65 143.3 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 1.82 ng

RT: 10.09 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Tgt Ion:165 Resp: 17304

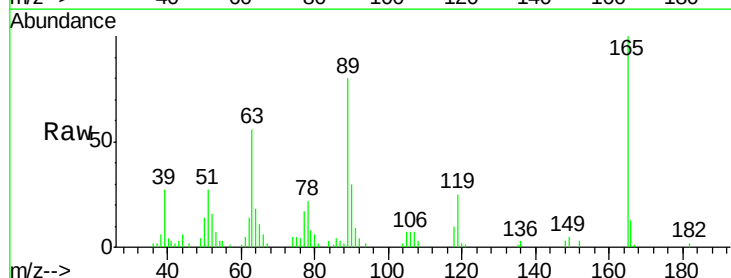
Ion Ratio Lower Upper

165 100

63 56.4 29.0 43.4#

89 79.5 43.1 64.7#

182 1.9 1.9 2.9#

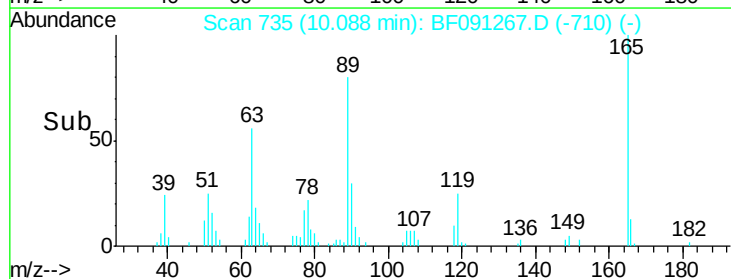
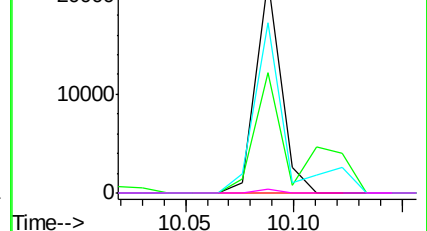


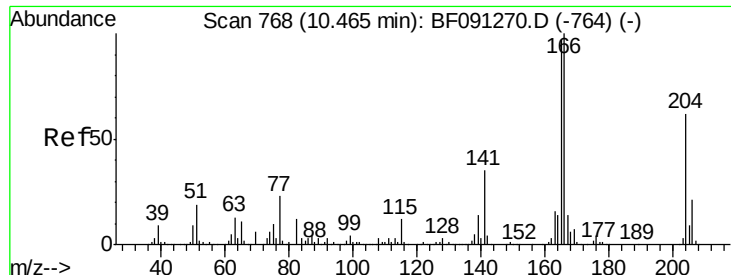
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

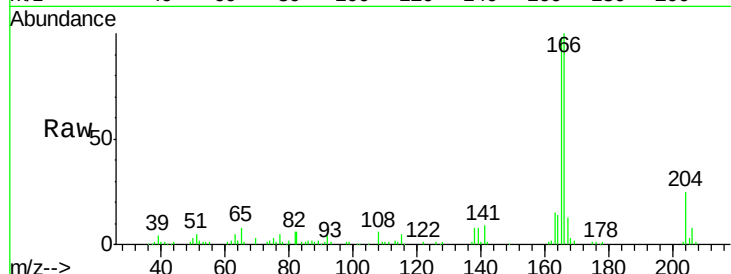




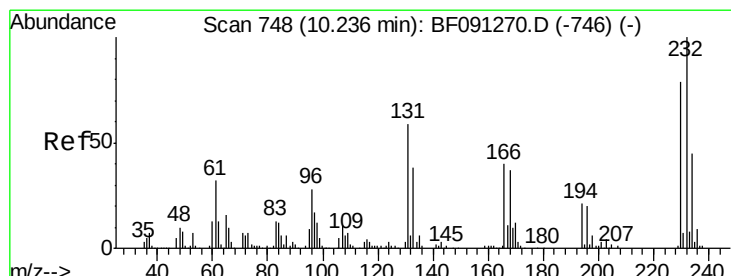
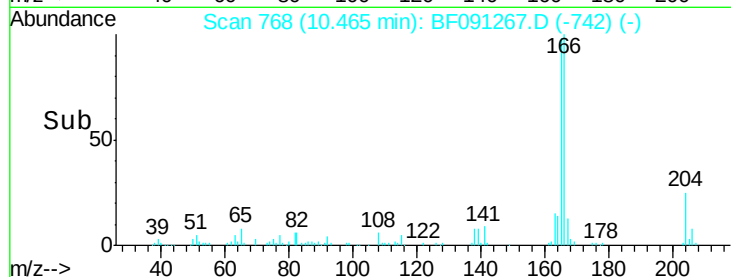
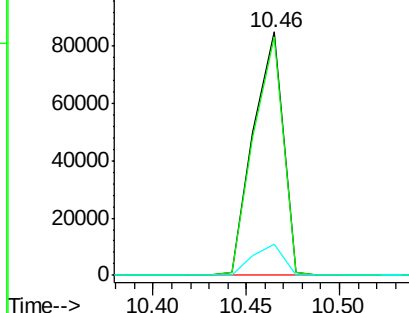
#57
 Fluorene
 Concen: 2.99 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 93911
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.0 120.0
 167 12.6 10.8 16.2

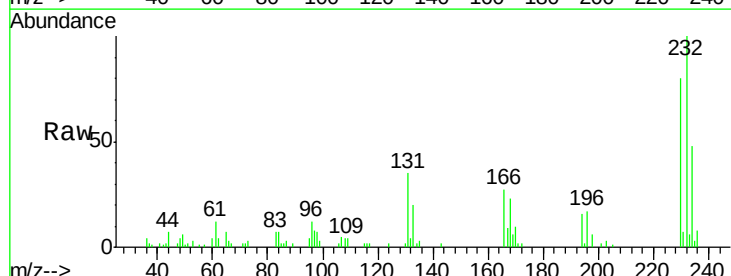


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

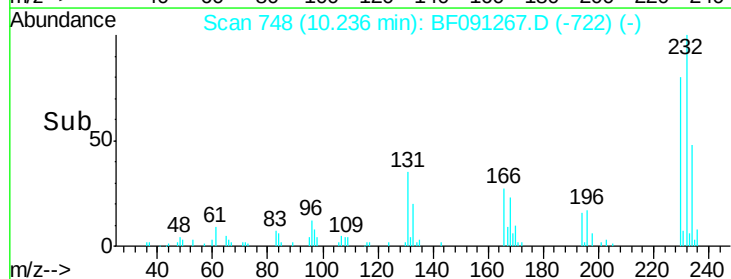
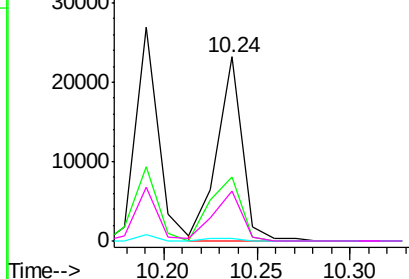


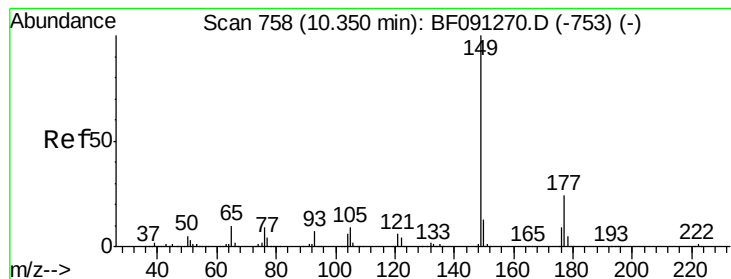
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.77 ng
 RT: 10.24 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion:232 Resp: 22113
 Ion Ratio Lower Upper
 232 100
 131 42.9 38.4 57.6
 130 2.2 1.8 2.8
 166 29.9 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.65 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

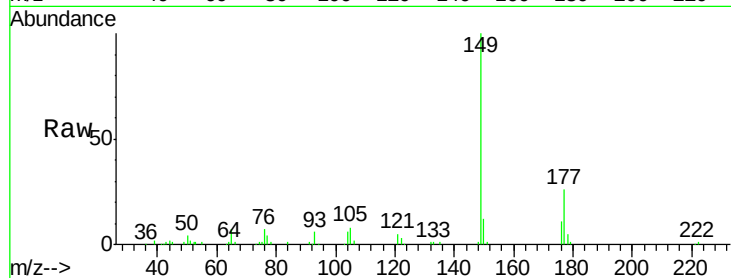
Tot Ion:149 Resp: 90292

Ion Ratio Lower Upper

149 100

177 26.1 15.7 23.5#

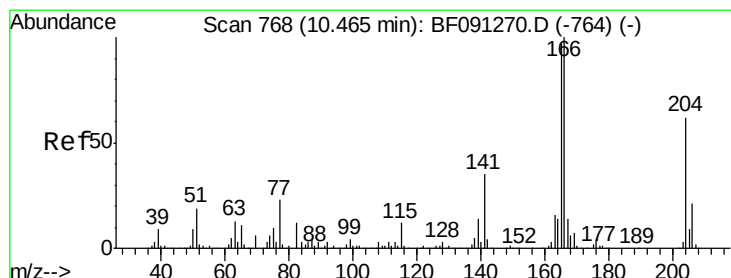
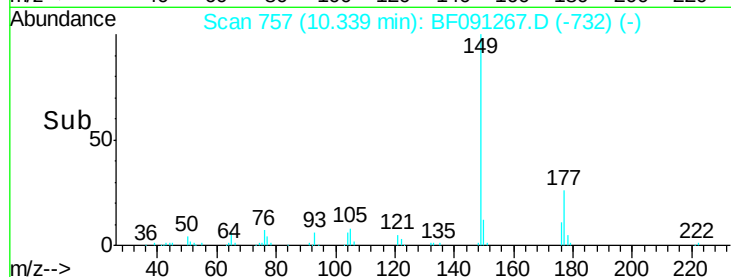
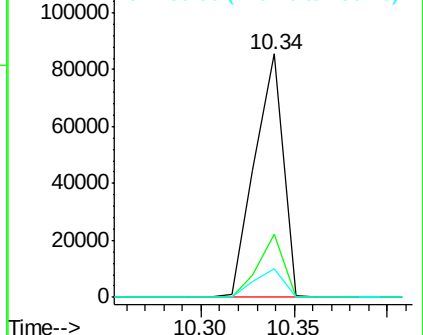
150 11.9 10.2 15.2



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: 2.78 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

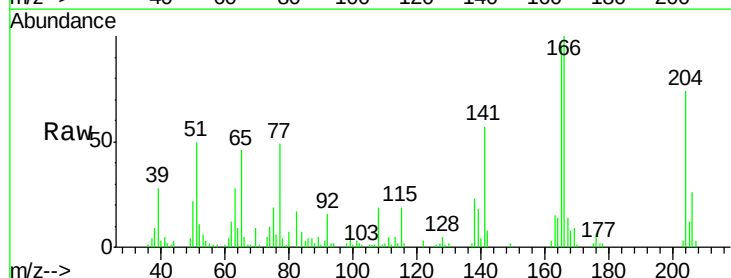
Tgt Ion:204 Resp: 41025

Ion Ratio Lower Upper

204 100

206 35.1 26.1 39.1

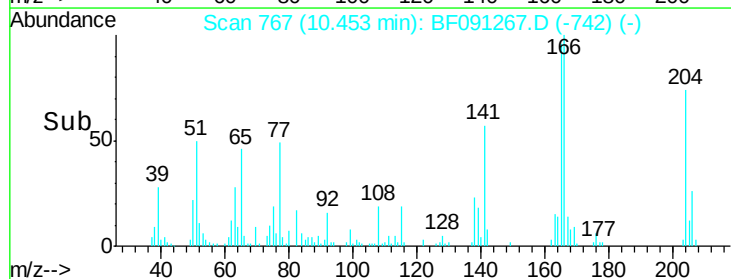
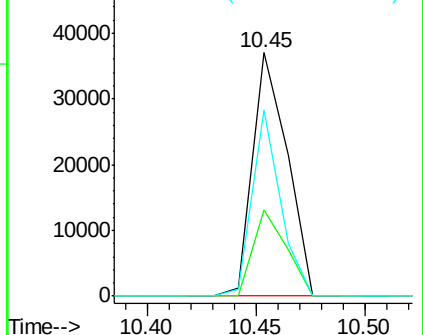
141 76.5 40.6 61.0#

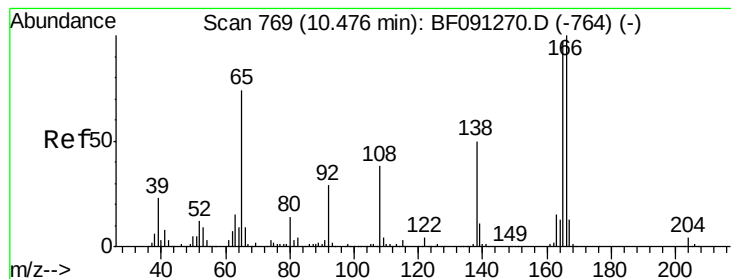


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 1.76 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

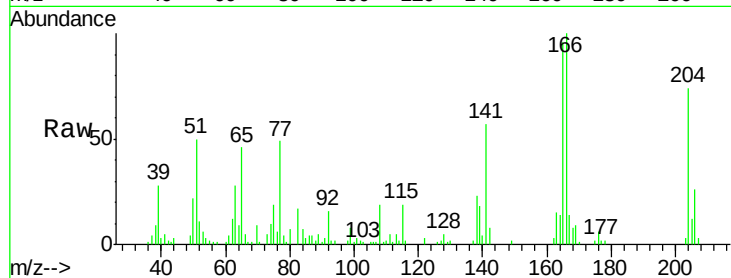
Tot Ion:138 Resp: 14588

Ion Ratio Lower Upper

138 100

92 69.1 26.9 66.9#

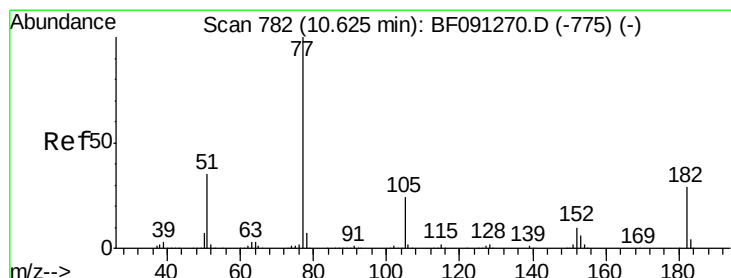
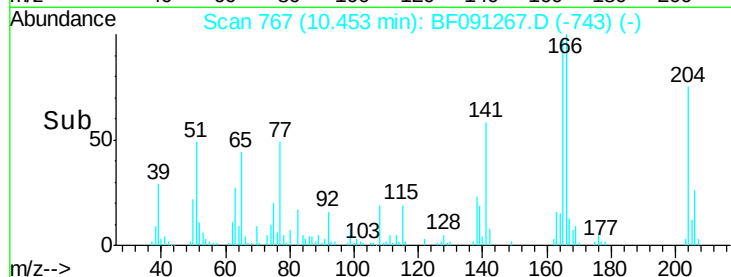
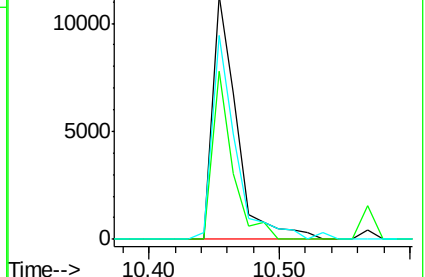
108 83.5 49.1 89.1



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: 2.31 ng

RT: 10.61 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Tgt Ion: 77 Resp: 93566

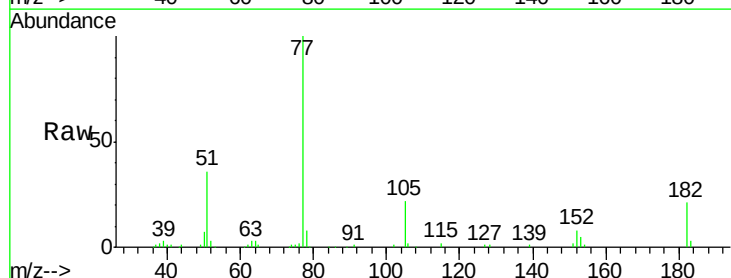
Ion Ratio Lower Upper

77 100

182 21.2 12.5 52.5

105 21.6 3.7 43.7

51 35.9 11.9 51.9

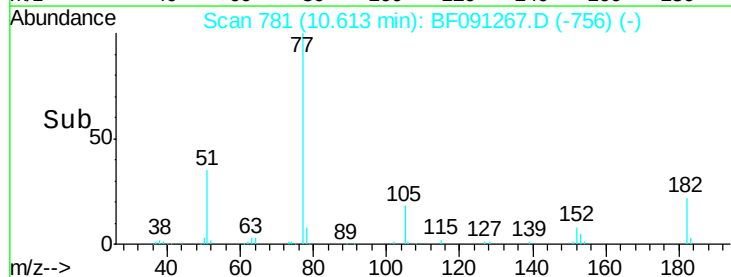
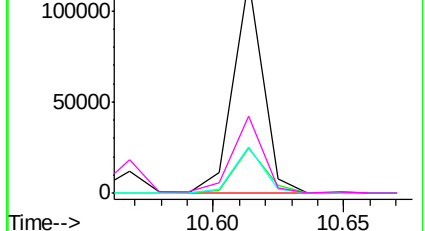


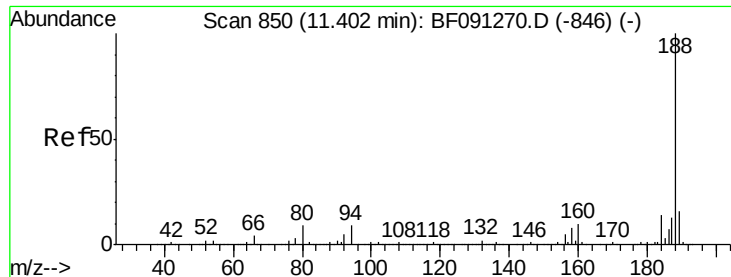
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

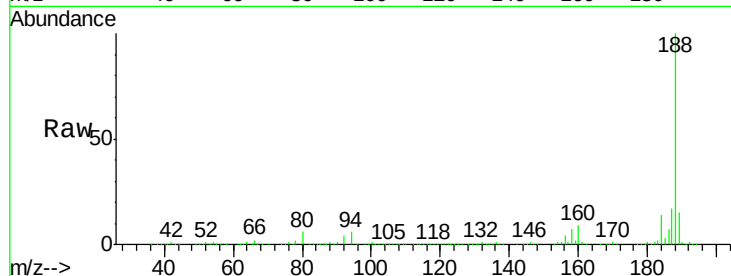




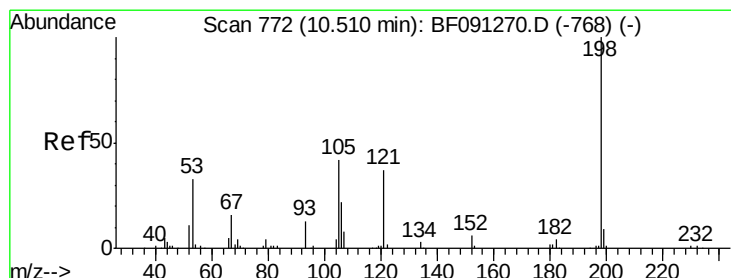
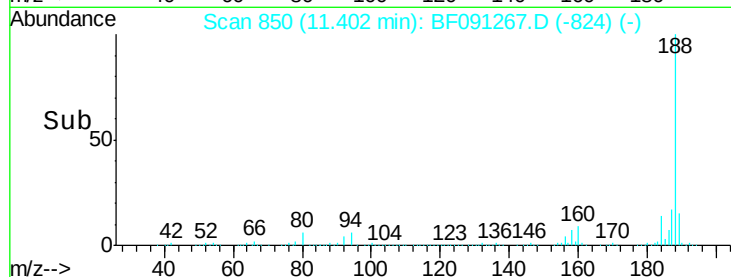
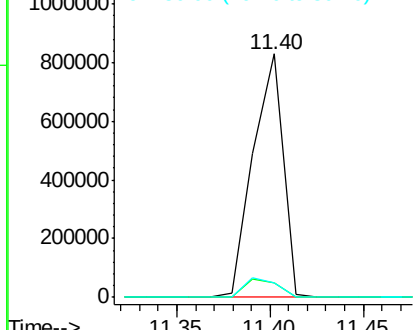
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 920160
 Ion Ratio Lower Upper
 188 100
 94 6.1 9.2 13.8#
 80 6.1 10.5 15.7#

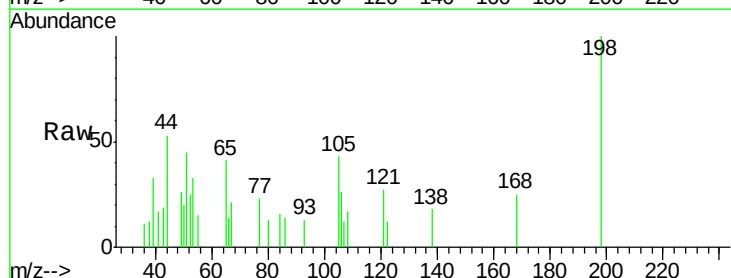


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

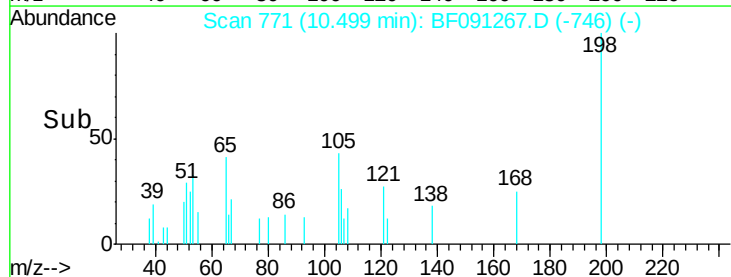
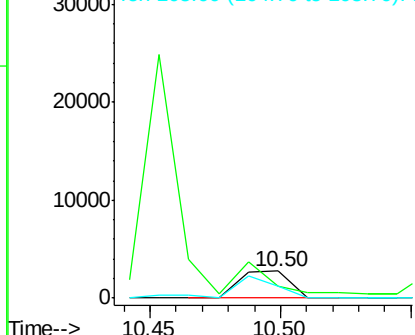


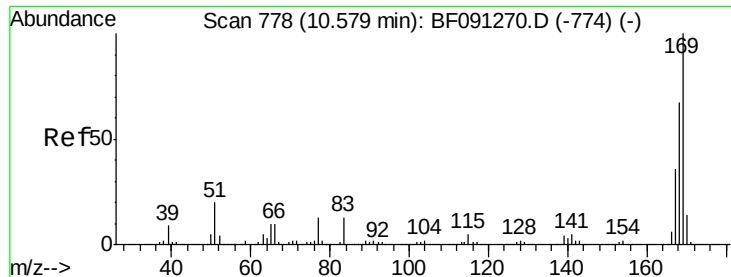
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.64 ng
 RT: 10.50 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion:198 Resp: 3759
 Ion Ratio Lower Upper
 198 100
 51 44.6 77.1 117.1#
 105 43.1 44.8 84.8#



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

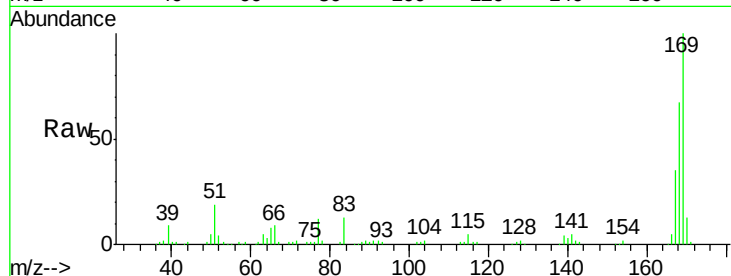




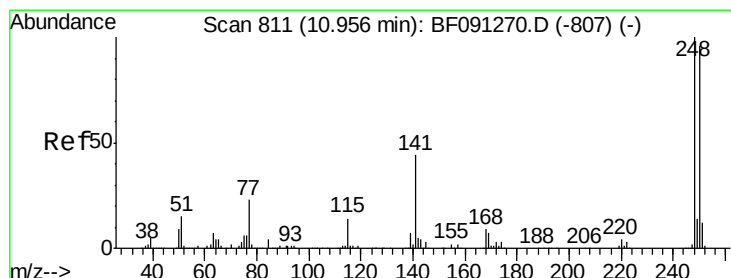
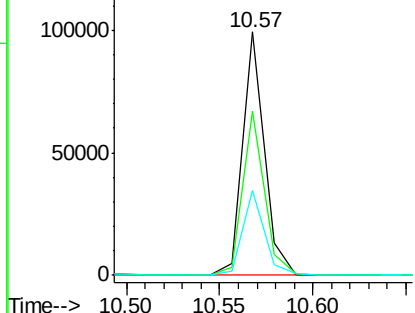
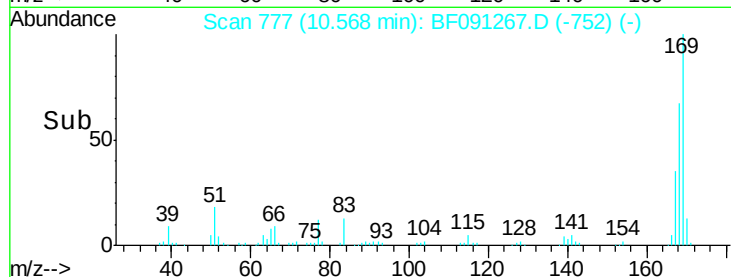
#65
 n-Nitrosodiphenylamine
 Concen: 2.91 ng
 RT: 10.57 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	80653
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.8	80.8
167	34.9	29.8	44.8

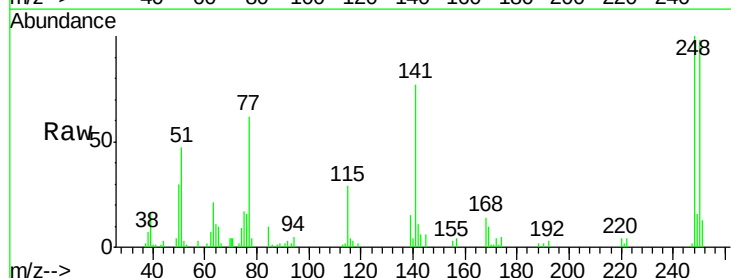


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

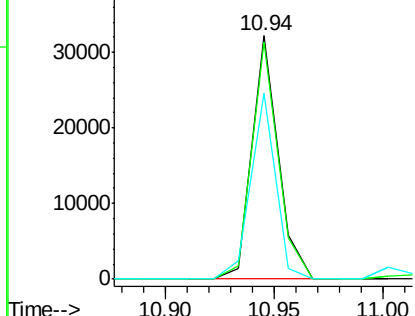
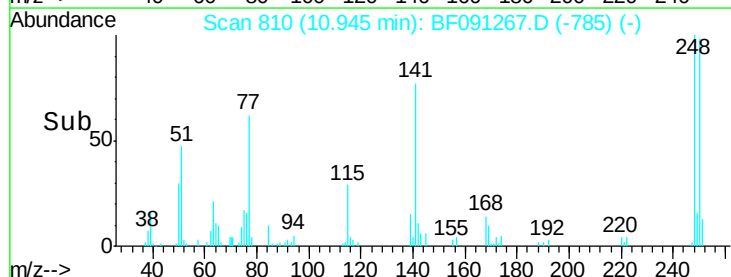


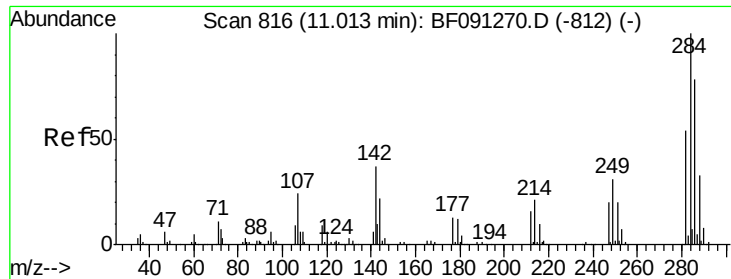
#66
 4-Bromophenyl-phenylether
 Concen: 2.81 ng
 RT: 10.94 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion	248	Resp	27072
Ion Ratio	Lower	Upper	
248	100		
250	97.7	78.2	117.4
141	76.6	71.9	107.9



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

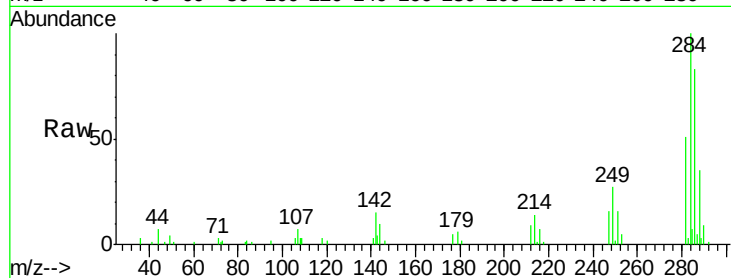




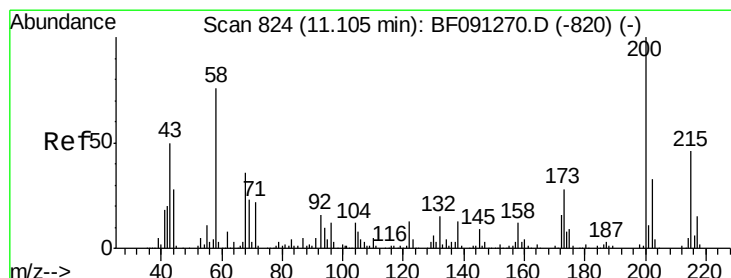
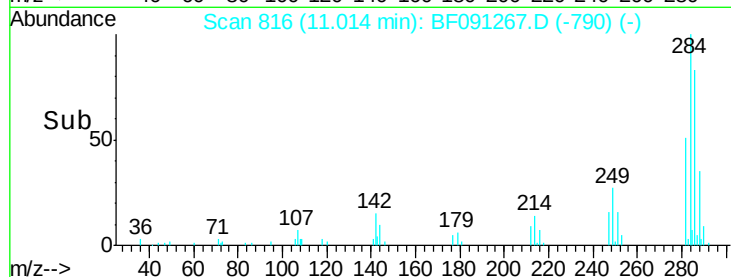
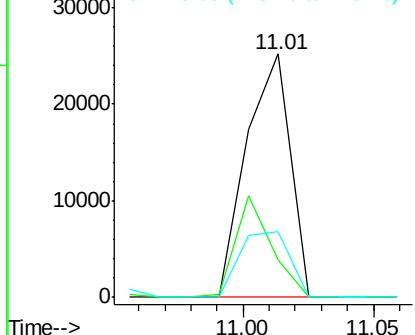
#67
Hexachlorobenzene
Concen: 2.78 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 29212
Ion Ratio Lower Upper
284 100
142 15.4 17.9 26.9#
249 27.2 23.6 35.4

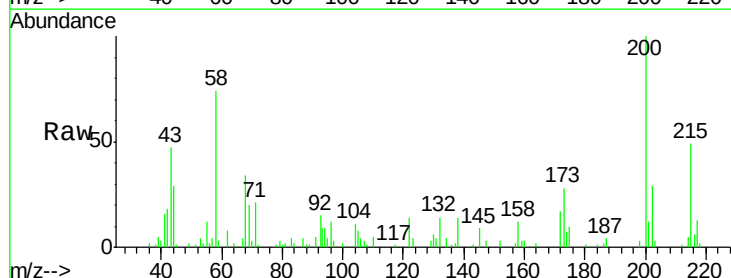


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

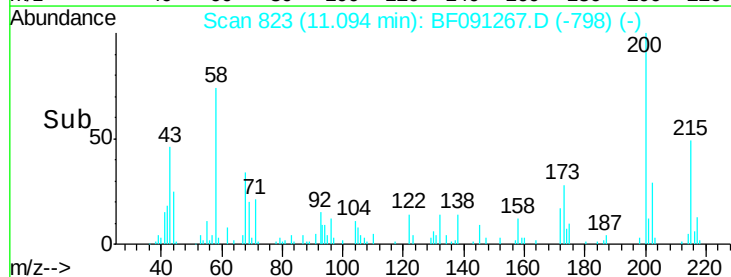
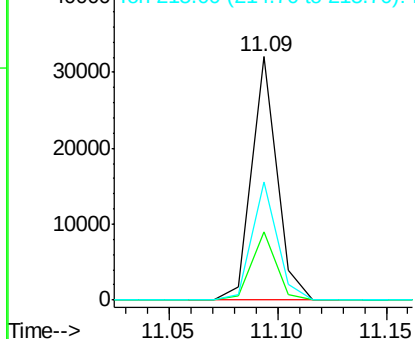


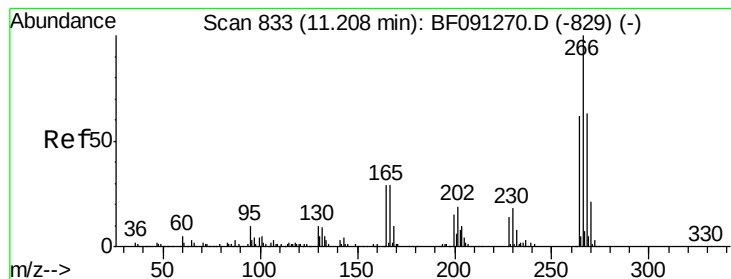
#68
Atrazine
Concen: 3.36 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion:200 Resp: 25782
Ion Ratio Lower Upper
200 100
173 27.9 7.8 47.8
215 48.8 24.3 64.3



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: 3.83 ng

RT: 11.20 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampled :

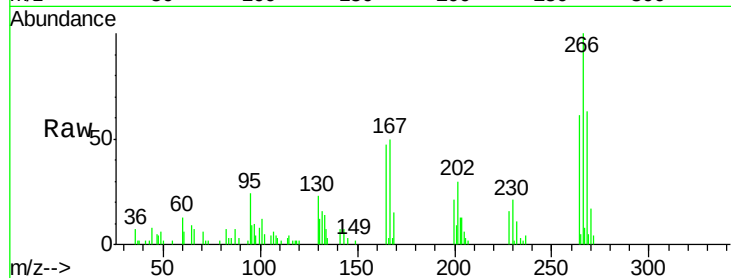
Tot Ion:266 Resp: 15901

Ion Ratio Lower Upper

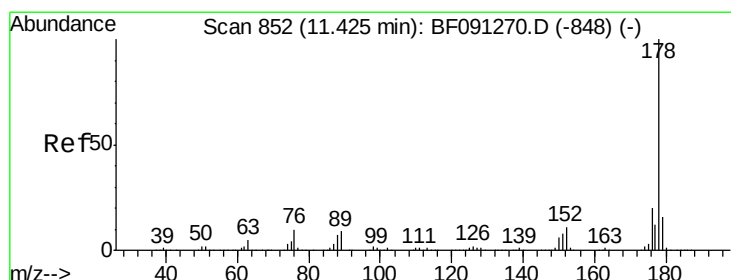
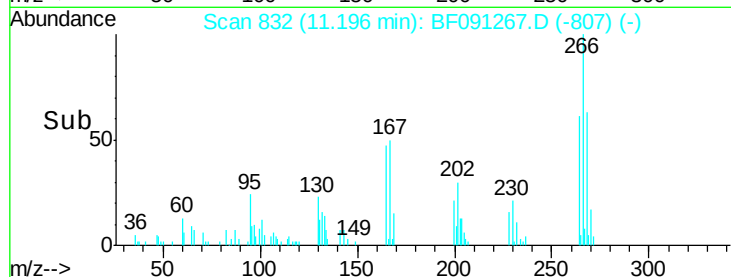
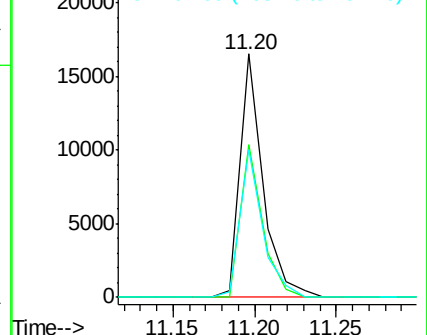
266 100

268 62.7 50.3 75.5

264 60.6 48.2 72.2



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: 2.82 ng

RT: 11.42 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

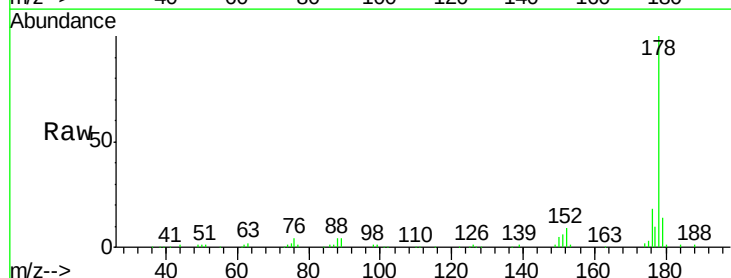
Tgt Ion:178 Resp: 136444

Ion Ratio Lower Upper

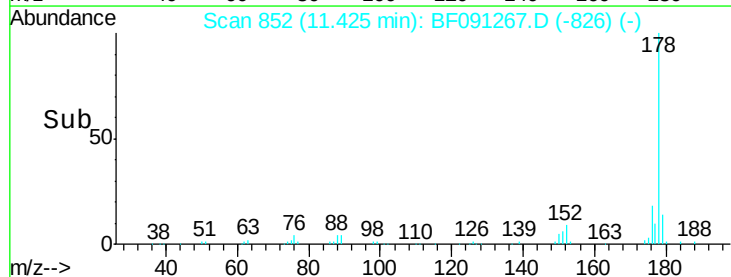
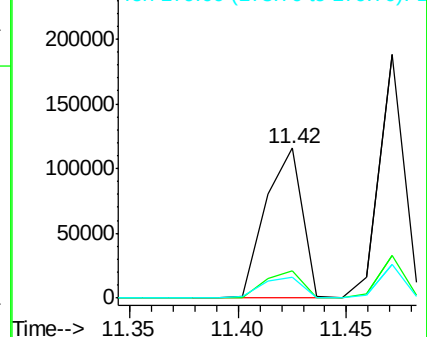
178 100

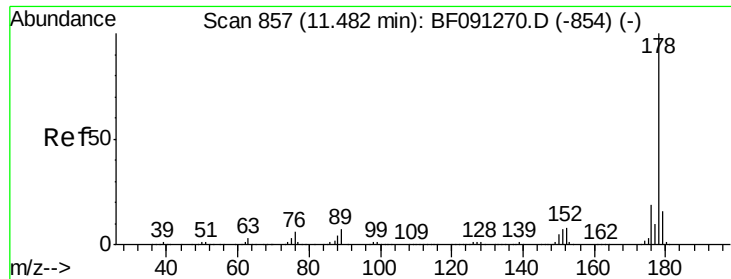
176 17.9 15.9 23.9

179 14.3 12.6 18.8



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

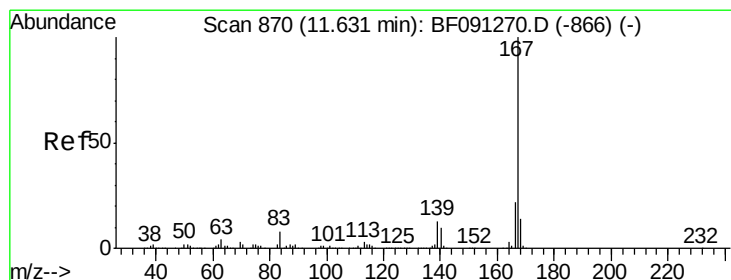
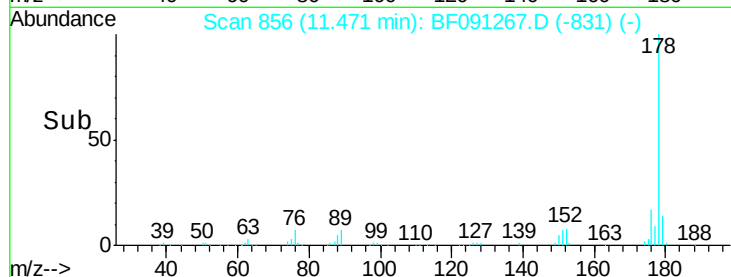
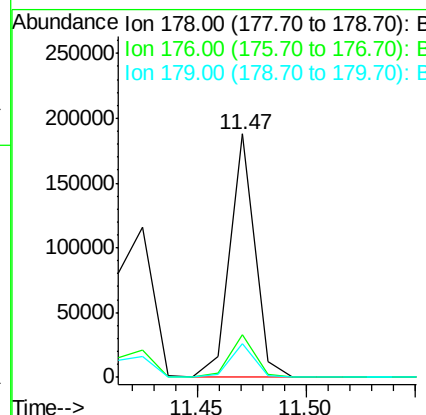
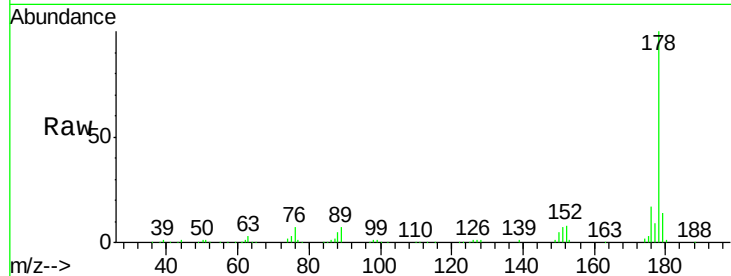




#71
 Anthracene
 Concen: 3.09 ng
 RT: 11.47 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

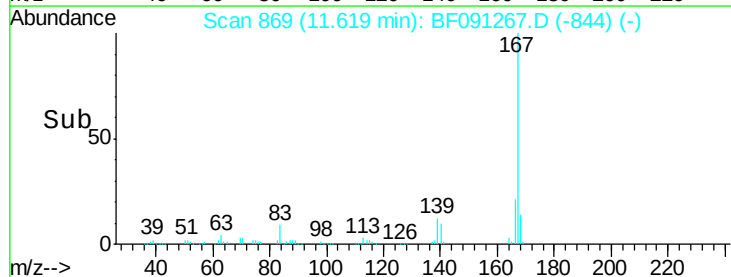
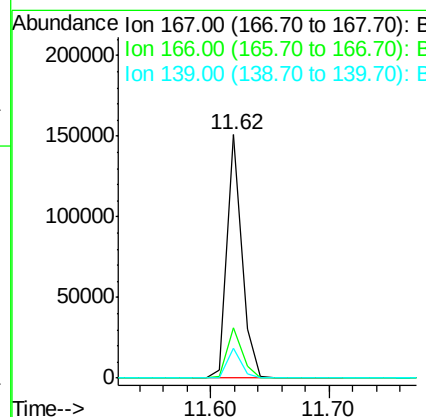
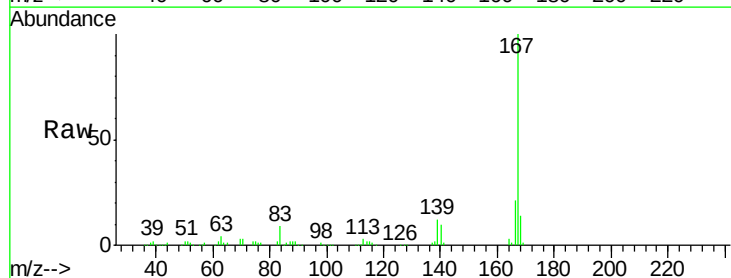
Instrument :
 BNA_F
 ClientSampleId :

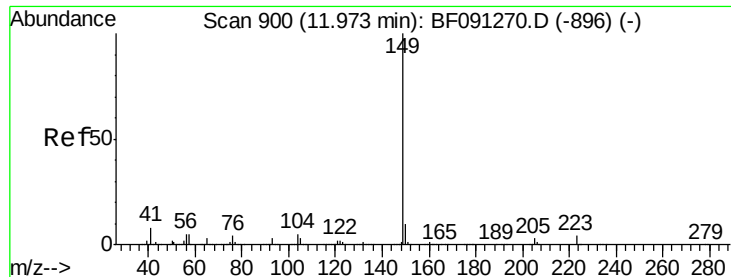
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.6
179	14.0	12.7	19.1



#72
 Carbazole
 Concen: 2.93 ng
 RT: 11.62 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.5	18.1	27.1
139	12.0	11.5	17.3





#73

Di-n-butylphthalate

Concen: 2.62 ng

RT: 11.96 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

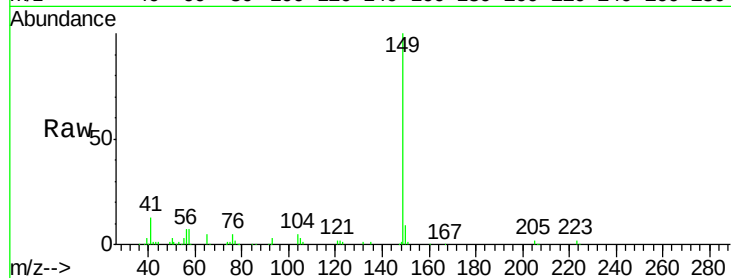
Tot Ion:149 Resp: 137418

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

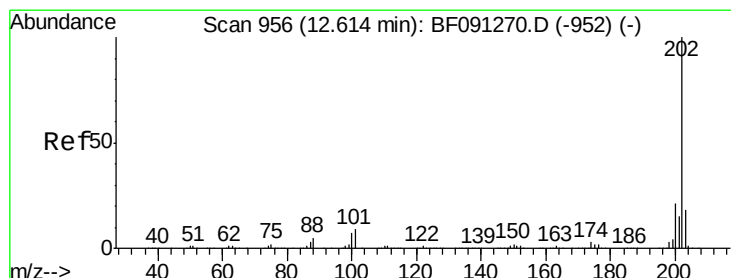
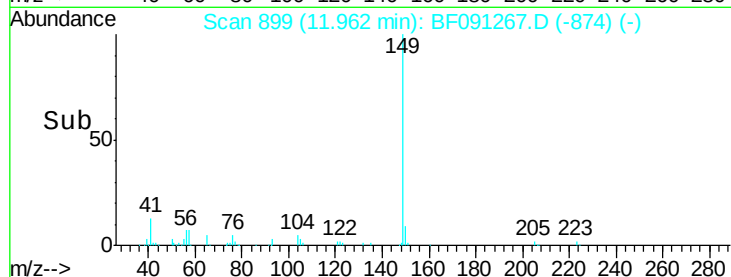
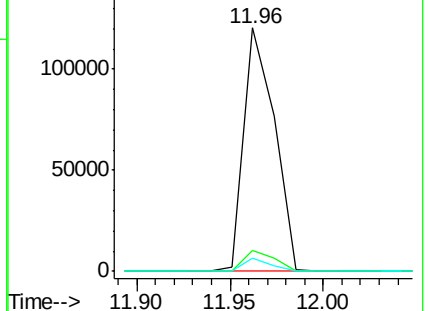
104 5.2 4.0 6.0



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: 2.79 ng

RT: 12.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

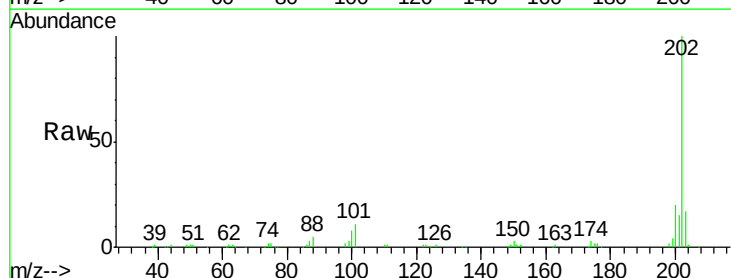
Tgt Ion:202 Resp: 146853

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.5

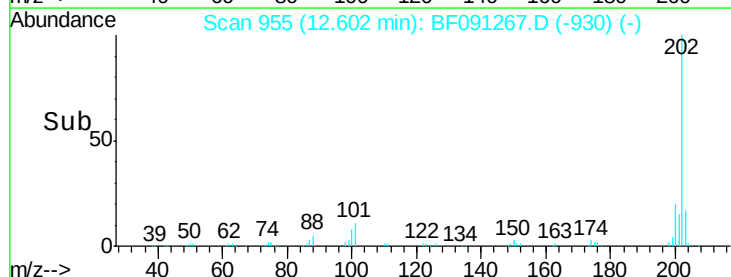
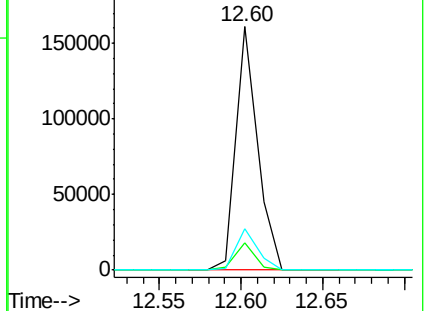
203 17.0 0.0 37.8

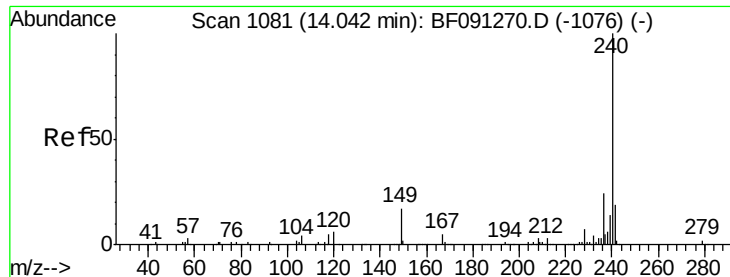


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :

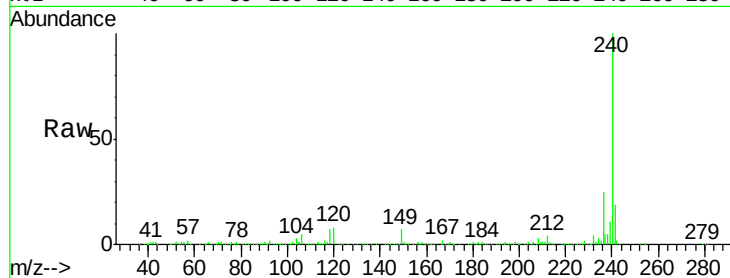
Tot Ion:240 Resp: 817981

Ion Ratio Lower Upper

240 100

120 8.5 12.1 18.1#

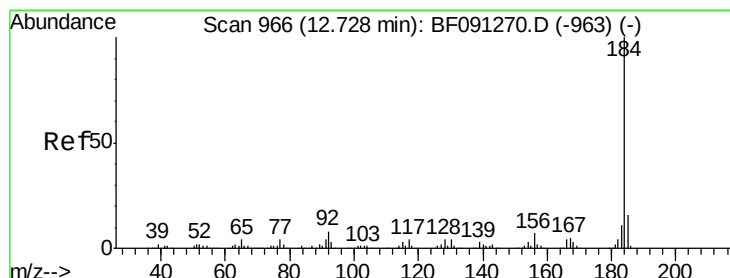
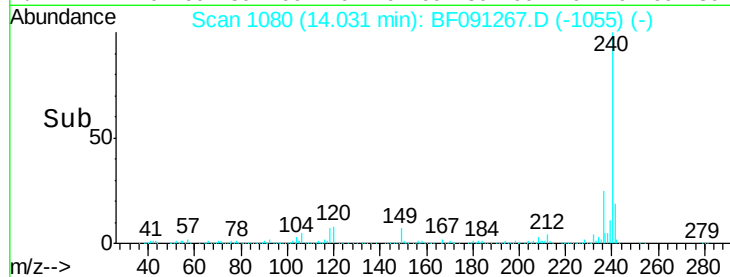
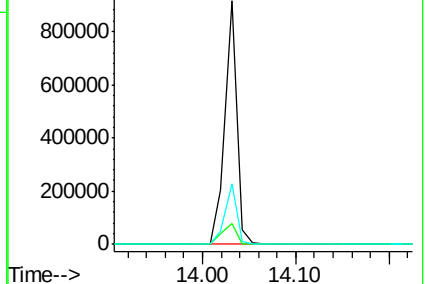
236 24.6 21.0 31.6



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: 1.71 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

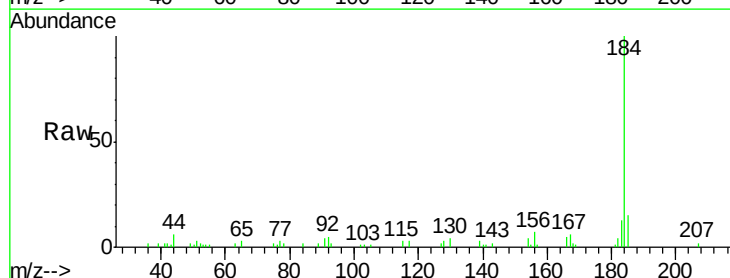
Tgt Ion:184 Resp: 31489

Ion Ratio Lower Upper

184 100

185 15.2 13.1 19.7

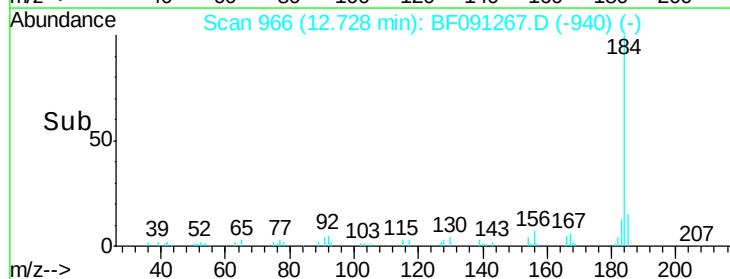
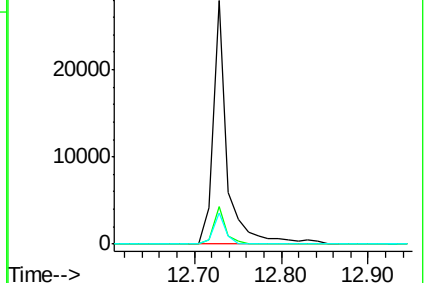
183 13.0 8.9 13.3

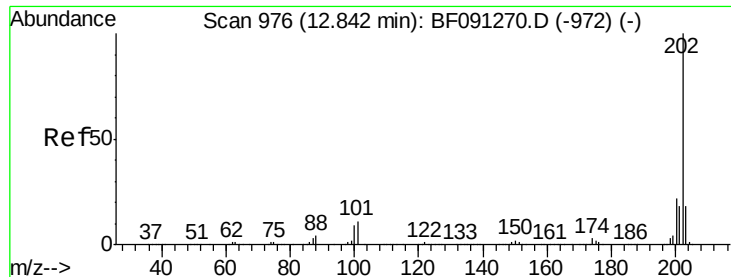


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

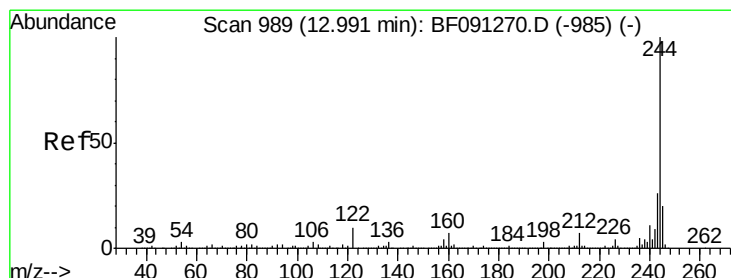
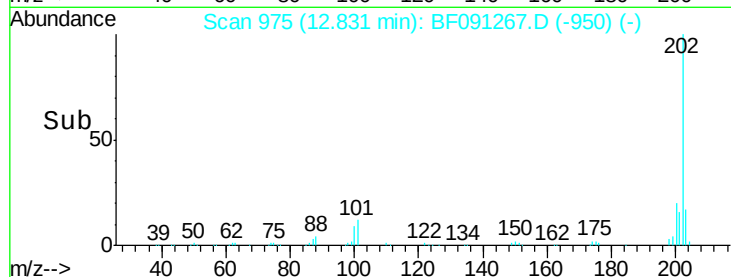
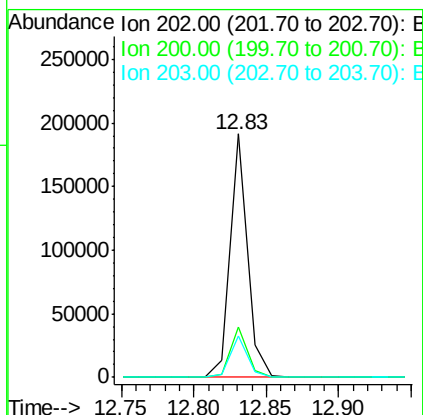
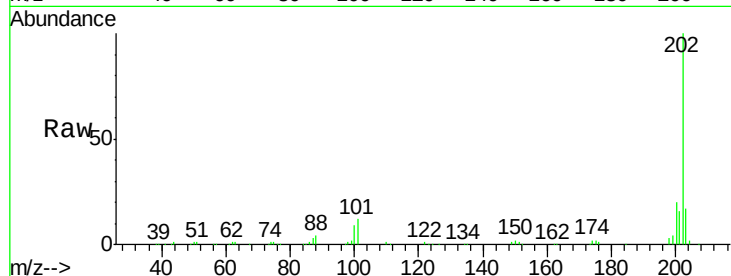




#77
 Pvrene
 Concen: 2.53 ng
 RT: 12.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

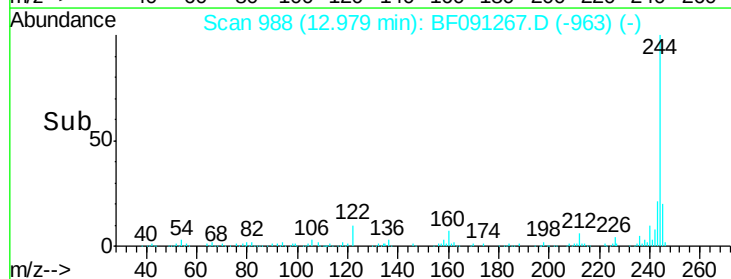
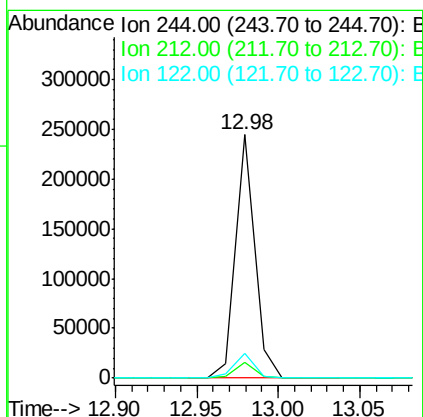
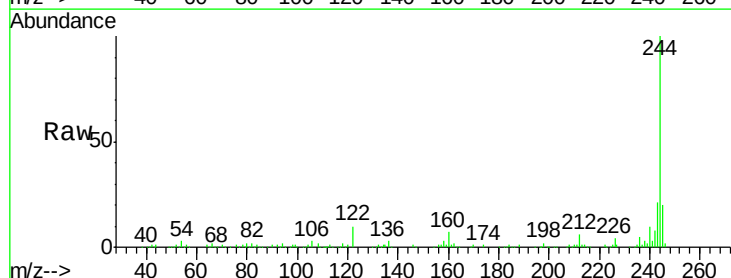
Instrument :
 BNA_F
 ClientSampleId :

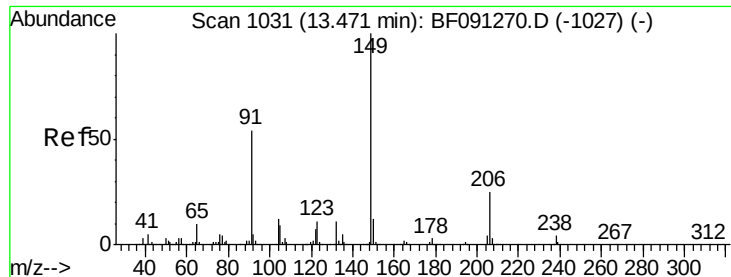
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	16.8	14.0	21.0



#78
 Terphenyl-d14
 Concen: 5.50 ng
 RT: 12.98 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.5	9.7#
122	10.4	9.5	14.3

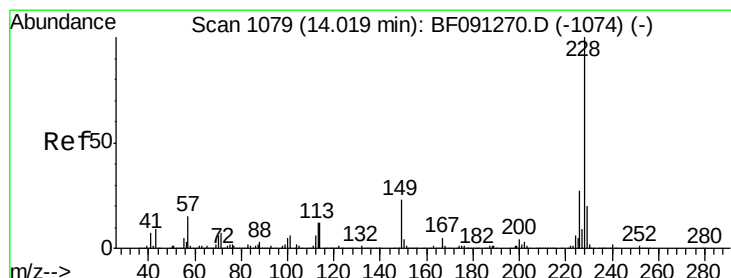
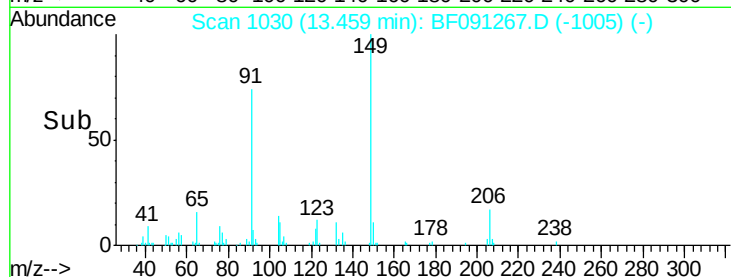
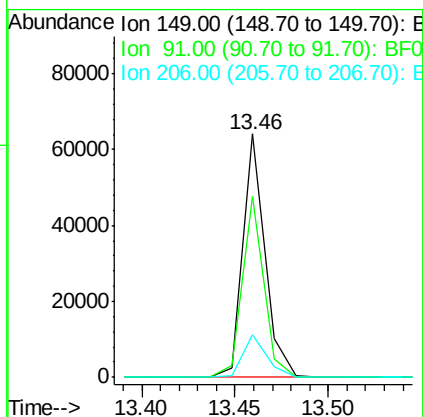
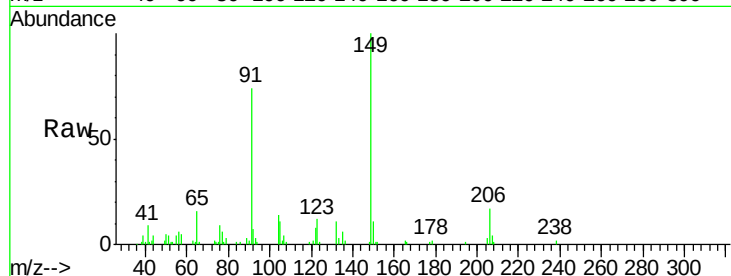




#79
Butylbenzylphthalate
Concen: 2.02 ng
RT: 13.46 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

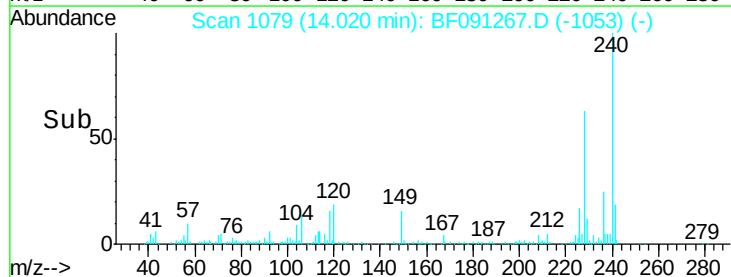
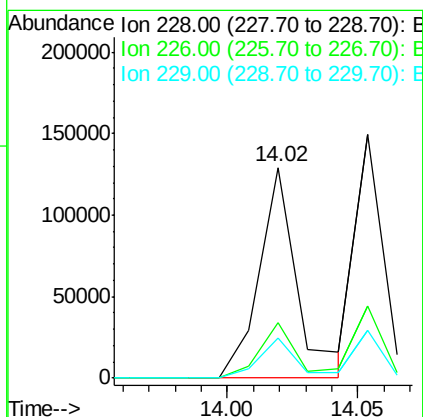
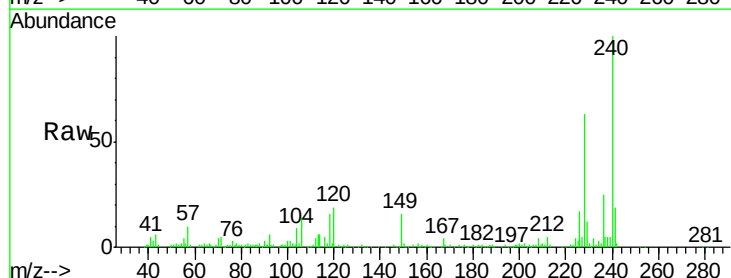
Instrument :
BNA_F
ClientSampleId :

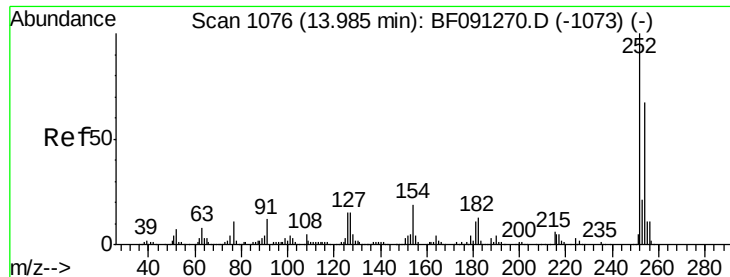
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	57.4	86.2
206	17.4	15.4	23.2



#80
Benzo(a)anthracene
Concen: 2.65 ng
RT: 14.02 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.5	33.7
229	19.0	16.4	24.6

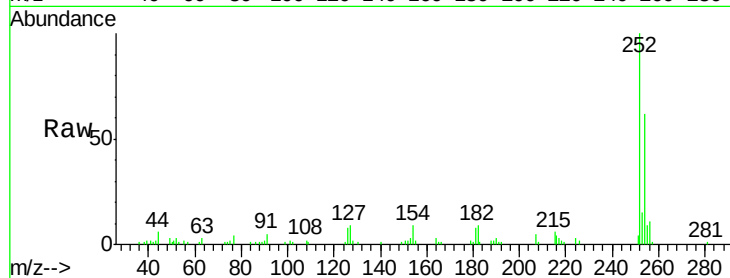




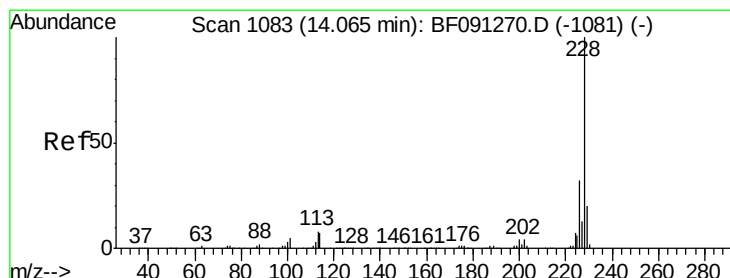
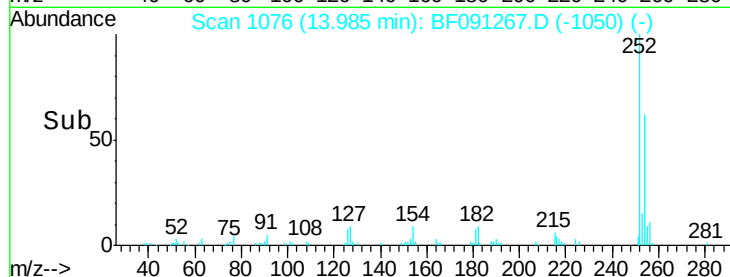
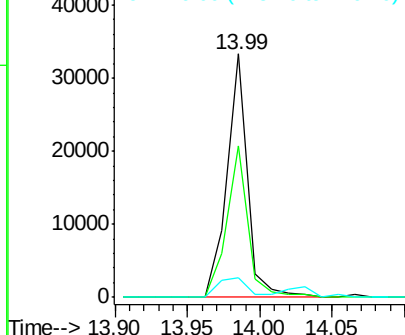
#81
 3,3'-Dichlorobenzidine
 Concen: 1.91 ng
 RT: 13.99 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 32858
 Ion Ratio Lower Upper
 252 100
 254 62.2 52.1 78.1
 126 8.3 7.5 11.3

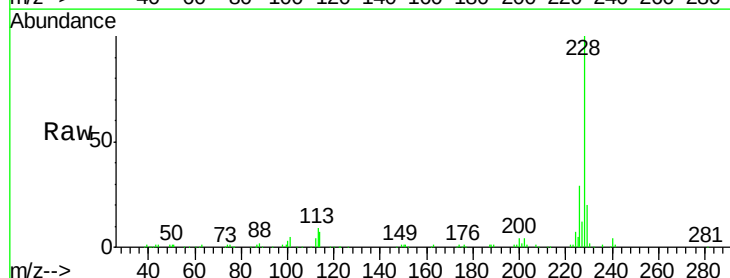


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

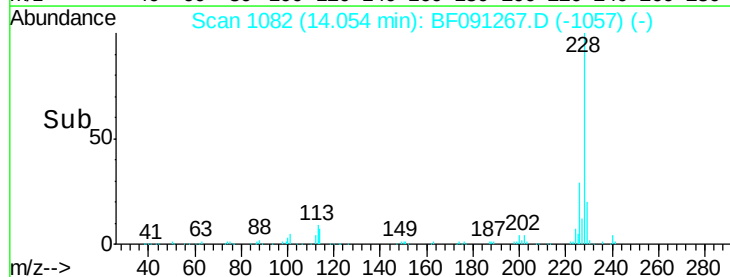
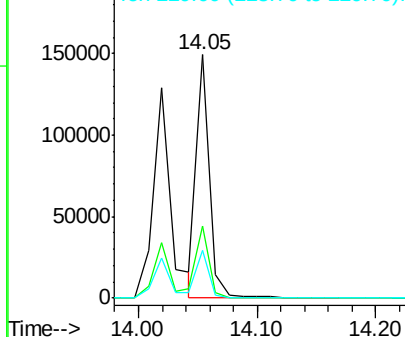


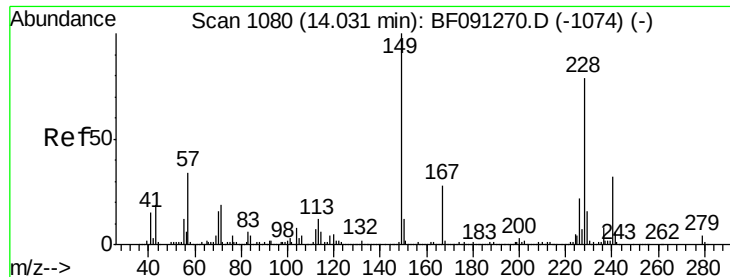
#82
 Chrysene
 Concen: 2.27 ng
 RT: 14.05 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion:228 Resp: 115669
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.0 37.4
 229 19.7 16.0 24.0



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

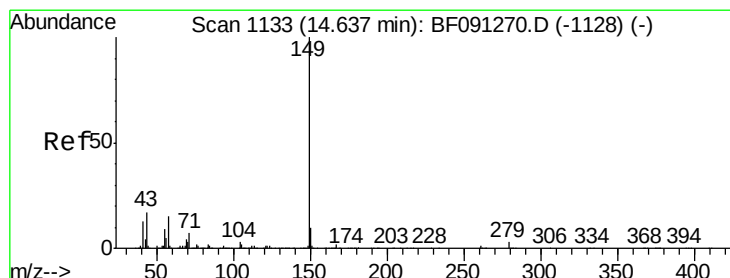
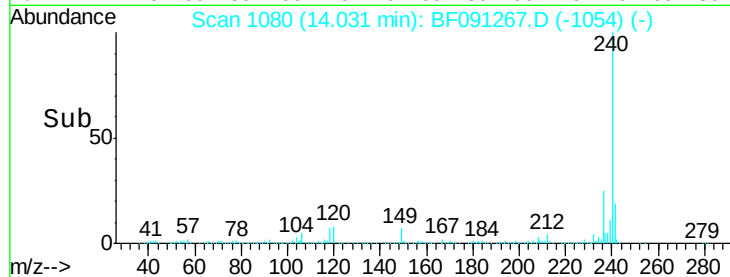
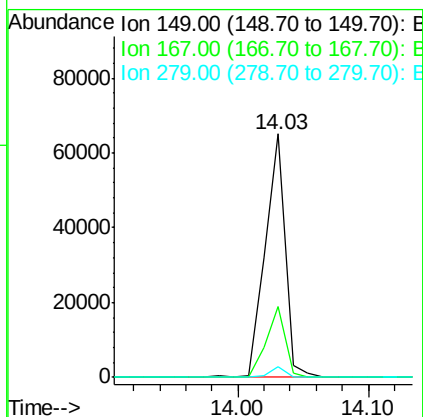
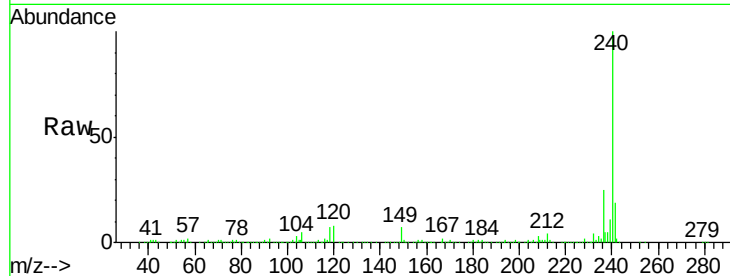




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.10 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

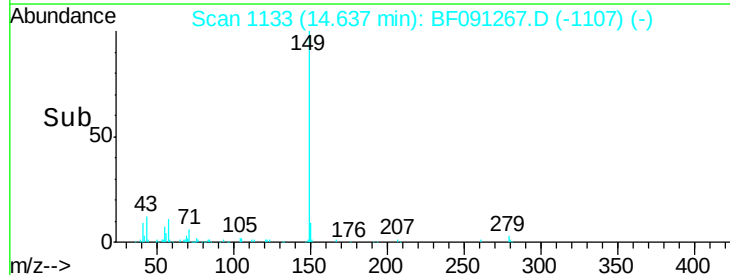
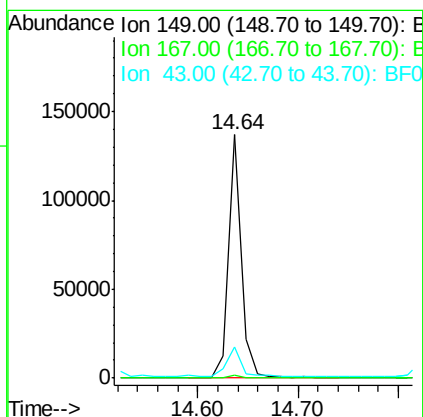
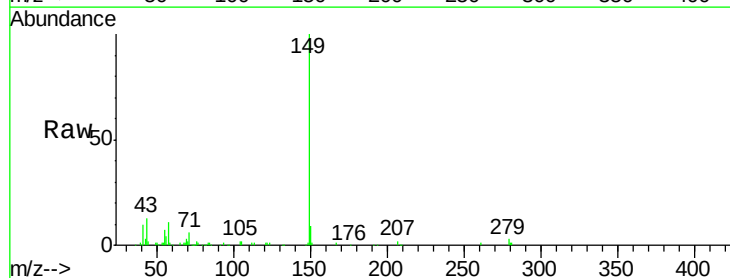
Instrument :
 BNA_F
 ClientSampleId :

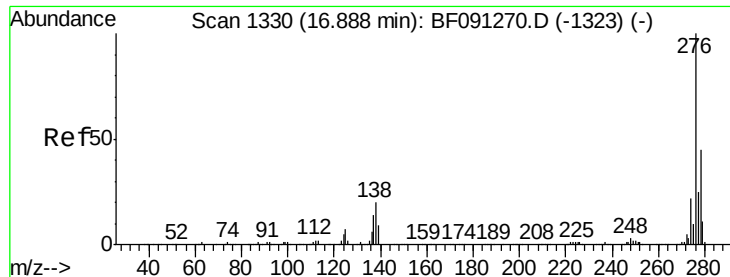
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	19.6	29.4
279	4.1	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 2.08 ng
 RT: 14.64 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.3	1.9
43	14.6	11.9	17.9

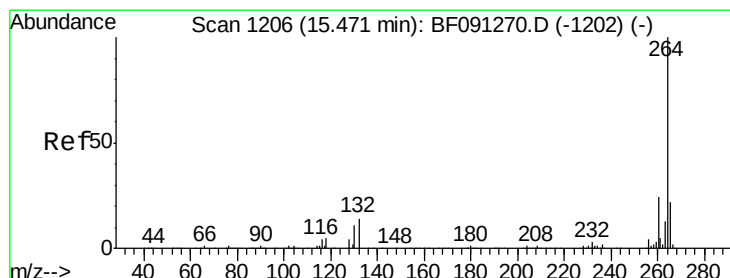
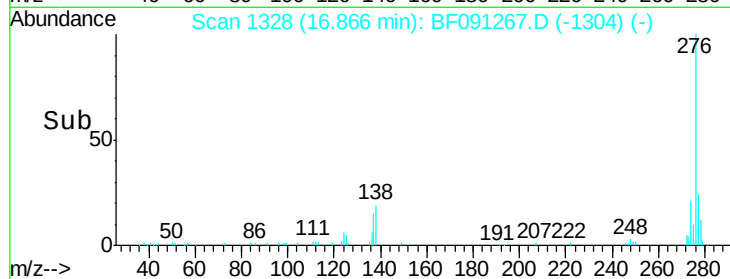
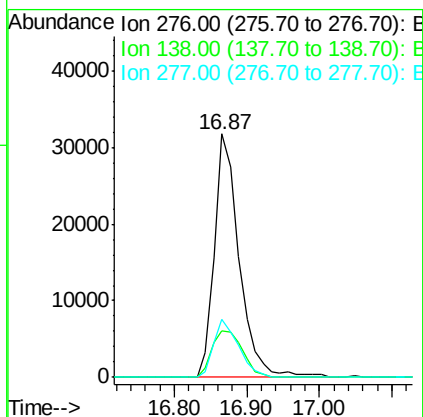
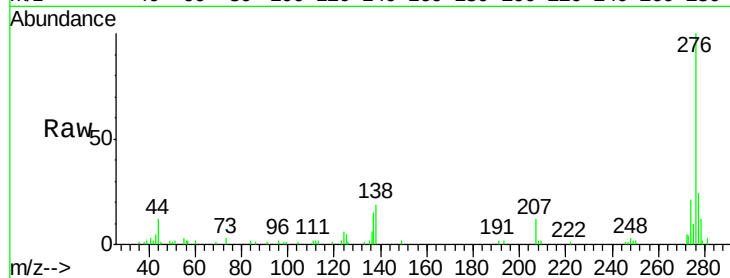




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.86 ng
 RT: 16.87 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

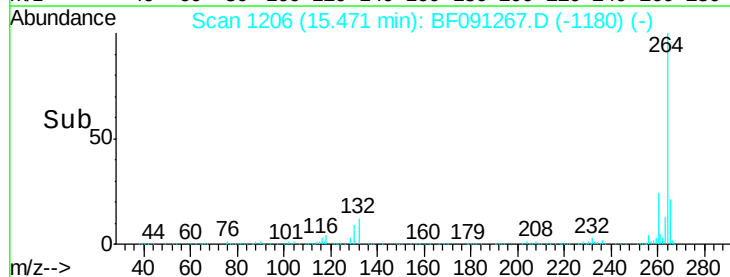
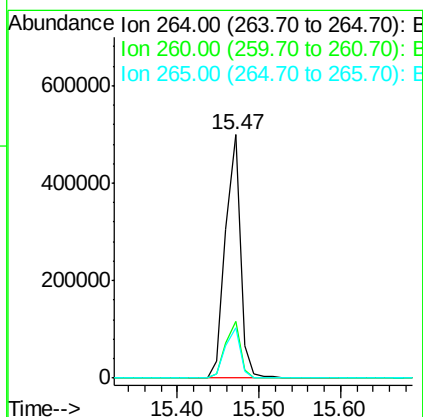
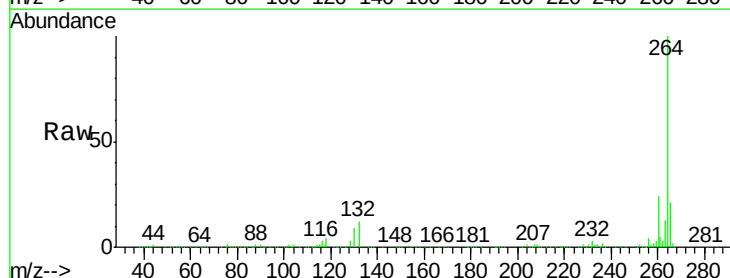
Instrument :
 BNA_F
 ClientSampleId :

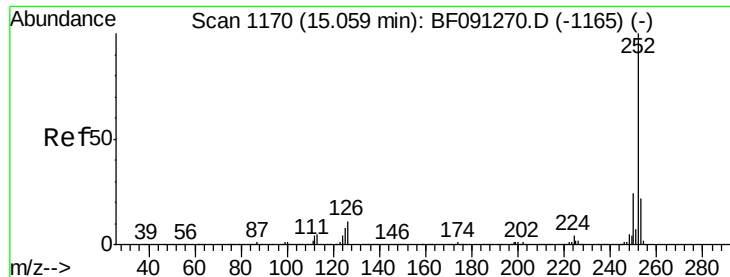
Tot Ion:276 Resp: 75429
 Ion Ratio Lower Upper
 276 100
 138 23.6 21.0 31.4
 277 23.8 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091267.D
 Acq: 23 Nov 2016 9:29

Tgt Ion:264 Resp: 638777
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 20.5 17.0 25.6

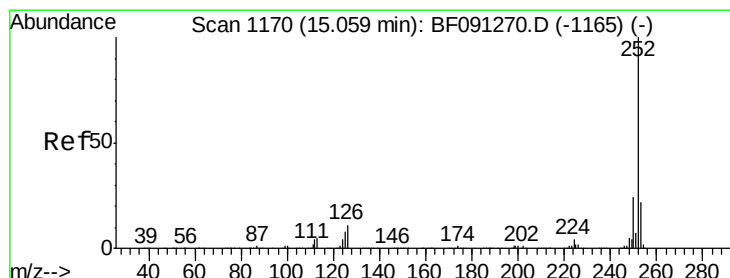
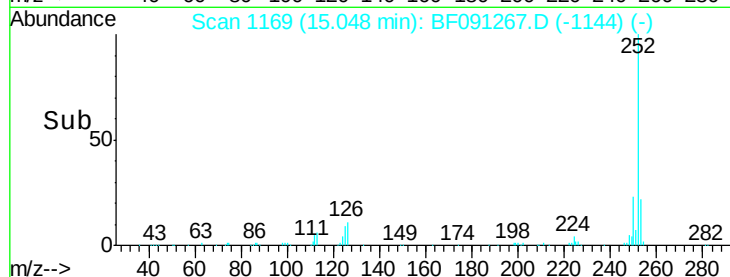
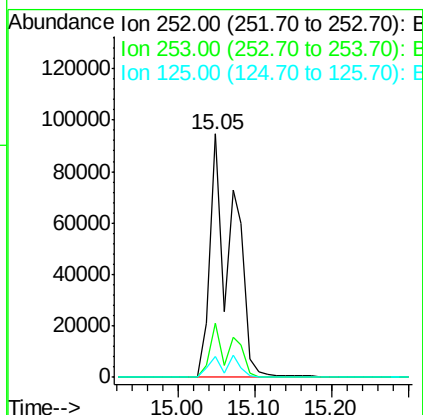
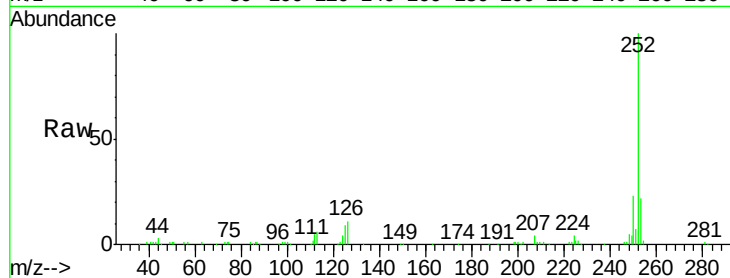




#87
Benzo(b)fluoranthene
Concen: 5.13 ng
RT: 15.05 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

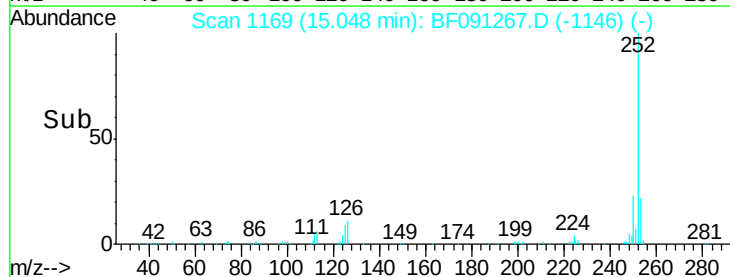
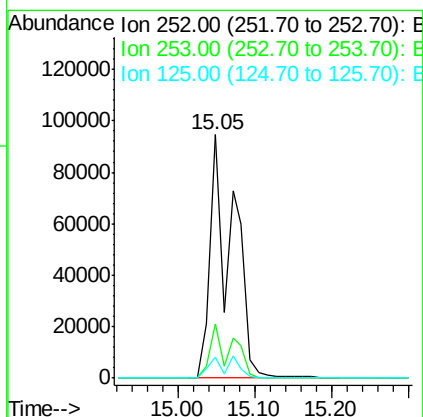
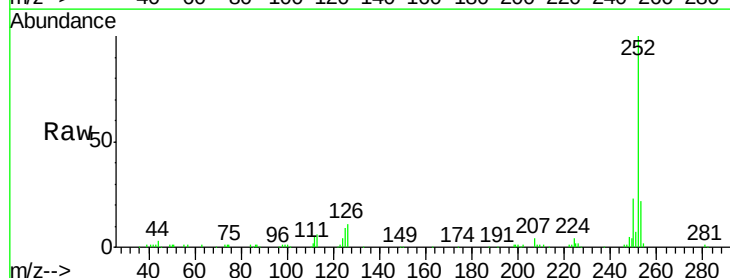
Instrument :
BNA_F
ClientSampleId :

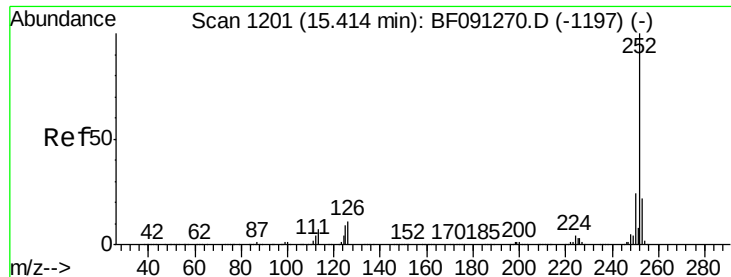
Tot Ion:252 Resp: 196888
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 8.7 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 5.08 ng
RT: 15.05 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion:252 Resp: 196888
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.7 9.6 14.4#

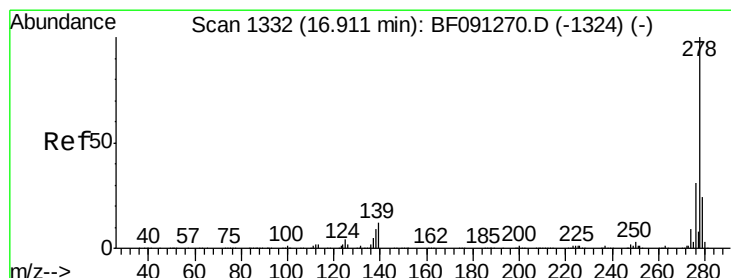
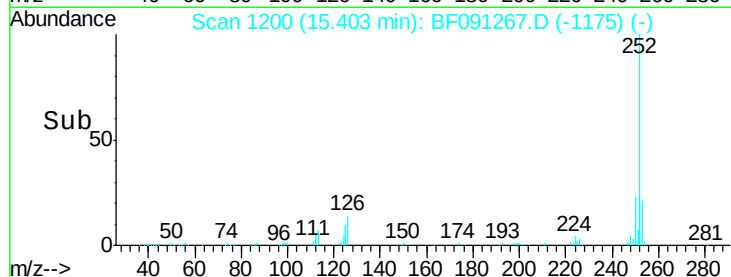
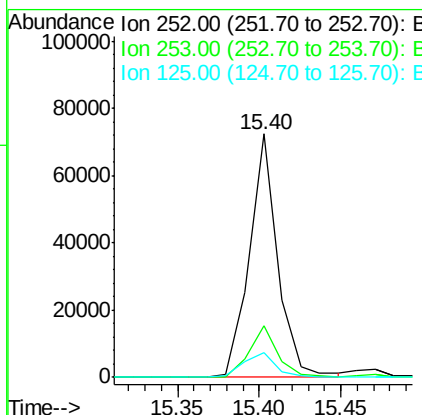
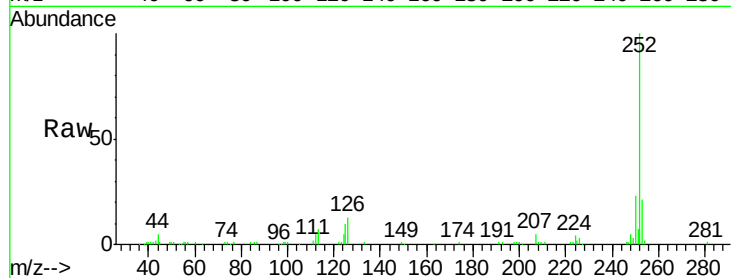




#89
Benzo(a)pyrene
Concen: 2.48 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

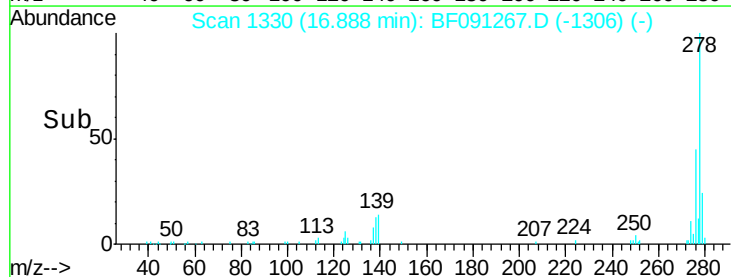
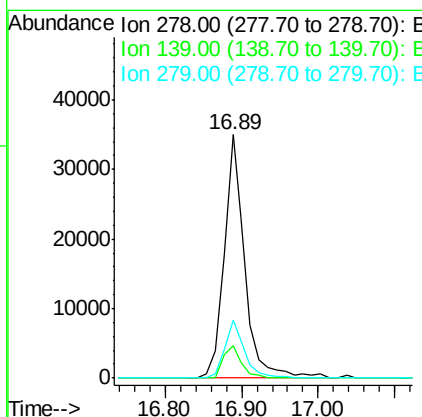
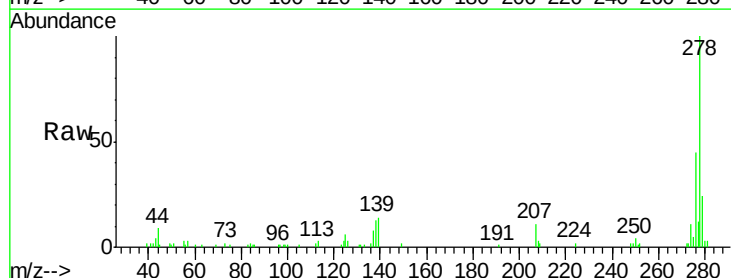
Instrument :
BNA_F
ClientSampled :

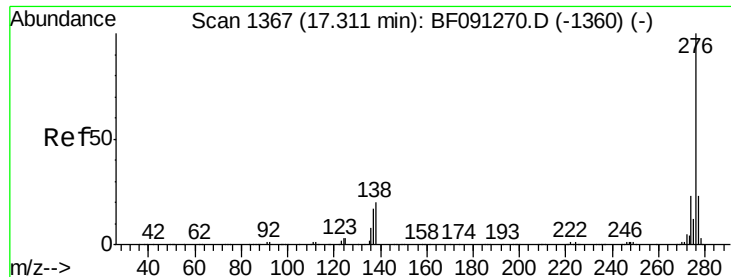
Tot Ion:252 Resp: 87250
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.4
125 10.0 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 2.28 ng
RT: 16.89 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF091267.D
Acq: 23 Nov 2016 9:29

Tgt Ion:278 Resp: 66088
Ion Ratio Lower Upper
278 100
139 13.5 15.1 22.7#
279 23.7 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 2.25 ng

RT: 17.29 min Scan# 1365

Delta R.T. -0.02 min

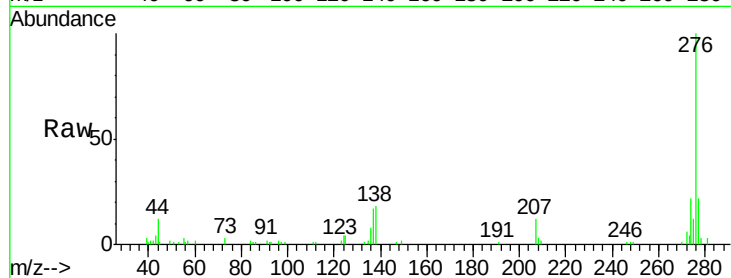
Lab File: BF091267.D

Acq: 23 Nov 2016 9:29

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 66724

Ion Ratio Lower Upper

276 100

277 22.2 19.0 28.4

138 17.9 15.4 23.0

