

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091693.D
 Acq On : 17 Dec 2016 00:40
 Operator : UM/SJ
 Sample : H6125-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

Quant Time: Dec 17 04:05:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122070	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	342432	20.00	ng	0.03
38) Acenaphthene-d10	9.87	164	211040	20.00	ng	0.05
63) Phenanthrene-d10	11.41	188	43126	20.00	ng	0.10
75) Chrysene-d12	13.94	240	475242	20.00	ng	0.00
86) Perylene-d12	15.33	264	432931	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	691145	95.39	ng	0.00
7) Phenol-d6	6.43	99	1016110	112.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	810998	132.18	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	165787	94.58	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	594557	48.68	ng	0.05
78) Terphenyl-d14	12.91	244	898825	42.92	ng	0.01

Target Compounds						Qvalue
6) Aniline	6.46	93	37339	3.15	ng	# 1
9) Benzaldehyde	6.33	77	60000	9.65	ng	# 16
10) Phenol	6.44	94	73620	6.97	ng	# 52
15) Benzyl Alcohol	6.85	79	141945	19.90	ng	# 32
18) Hexachloroethane	7.38	117	2129337	623.71	ng	# 1
19) n-Nitroso-di-n-propylamine	7.24	70	652917	115.59	ng	# 63
20) 3+4-Methylphenols	7.23	107	19217	Below Cal		# 1
22) Acetophenone	7.29	105	249460	30.41	ng	# 1
24) Nitrobenzene	7.38	77	729660	112.56	ng	# 59
25) Isophorone	7.63	82	1022390	93.74	ng	# 1
26) 2-Nitrophenol	7.65	139	106741	37.31	ng	# 1
27) 2,4-Dimethylphenol	7.78	122	114473	22.78	ng	# 1
28) bis(2-Chloroethoxy)methane	7.93	93	199444	31.18	ng	# 1
29) 2,4-Dichlorophenol	7.97	162	85760	19.62	ng	# 1
30) 1,2,4-Trichlorobenzene	8.02	180	59482	11.97	ng	# 72
31) Naphthalene	8.12	128	371784	23.34	ng	# 1
32) Benzoic acid	7.92	122	71341	22.66	ng	# 1
33) 4-Chloroaniline	8.17	127	102121	14.88	ng	# 1
35) Caprolactam	8.59	113	774636	606.70	ng	# 61
36) 4-Chloro-3-methylphenol	8.67	107	52187	10.64	ng	# 31
37) 2-Methylnaphthalene	8.85	142	2326070	225.57	ng	# 96
42) 2,4,6-Trichlorophenol	9.13	196	27808	7.48	ng	# 12
43) 2,4,5-Trichlorophenol	9.13	196	27808	7.28	ng	# 1
45) 1,1'-Biphenyl	9.05	154	52321	3.42	ng	# 70
47) 2-Nitroaniline	9.42	65	142275	35.74	ng	# 1
48) Acenaphthylene	9.73	152	96813	5.37	ng	# 1
49) Dimethylphthalate	9.57	163	140859	10.54	ng	# 62
50) 2,6-Dinitrotoluene	9.65	165	118694	40.47	ng	# 58
51) Acenaphthene	9.89	154	96703	7.72	ng	# 33
52) 3-Nitroaniline	9.82	138	43729	12.69	ng	# 48
53) 2,4-Dinitrophenol	10.08	184	16181	15.92	ng	# 1
54) Dibenzofuran	10.06	168	254282	16.40	ng	# 13
55) 4-Nitrophenol	9.97	139	114504	44.67	ng	# 1
56) 2,4-Dinitrotoluene	10.06	165	66556	18.10	ng	# 65

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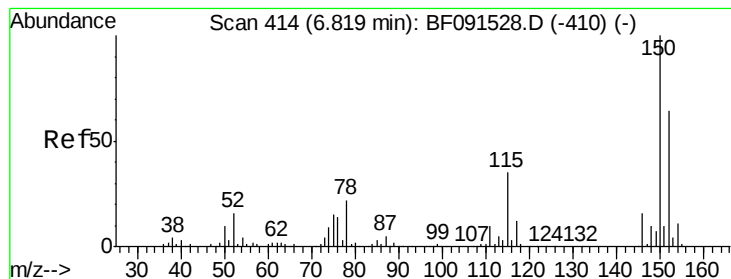
Instrument :
 BNA_F
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Quant Time: Dec 17 04:05:18 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

57) Fluorene	10.40	166	317766	26.65	ng	# 75
60) 4-Chlorophenyl-phenylether	10.41	204	12267	2.20	ng	# 1
61) 4-Nitroaniline	10.53	138	8498	2.48	ng	# 1
62) Azobenzene	10.53	77	77839	5.34	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	7499	29.82	ng	# 1
65) n-Nitrosodiphenylamine	10.60	169	374286	291.12	ng	# 44
68) Atrazine	11.09	200	102072	246.90	ng	# 65
69) Pentachlorophenol	11.24	266	1527	5.90	ng	# 51
70) Phenanthrene	11.46	178	128478	60.16	ng	# 1
71) Anthracene	11.46	178	138763	60.24	ng	# 1
72) Carbazole	11.64	167	15646	7.75	ng	# 9
73) Di-n-butylphthalate	11.95	149	45177	19.20	ng	# 1
74) Fluoranthene	12.56	202	82004	36.67	ng	# 84
83) Bis(2-ethylhexyl)phthalate	13.92	149	666454	35.34	ng	# 89
88) Benzo(k)fluoranthene	14.93	252	48227	2.13	ng	# 64

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF091693.D

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SB-47(8-9.5)-12-14-16

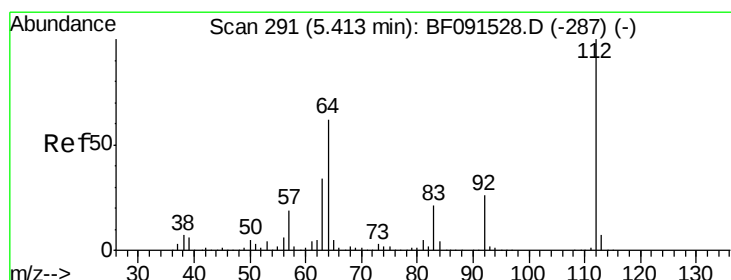
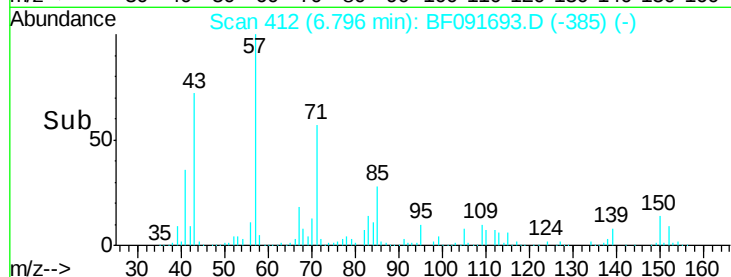
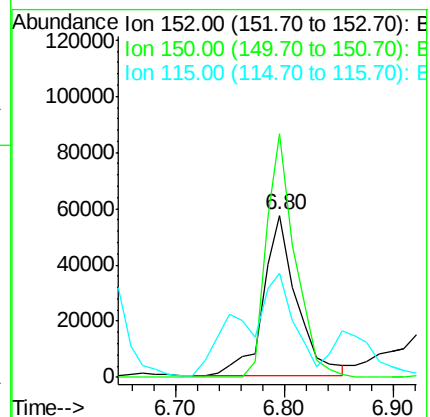
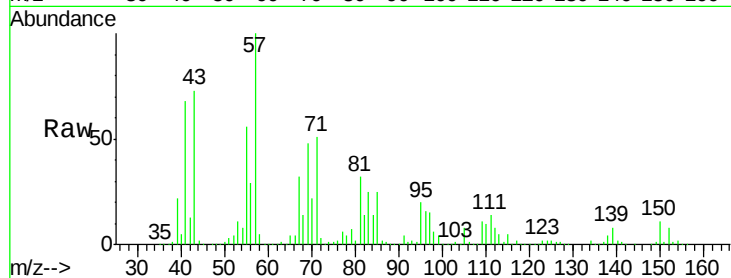
Tgt Ion:152 Resp: 122070

Ion Ratio Lower Upper

152 100

150 150.2 122.5 183.7

115 64.2 51.8 77.8



#5

2-Fluorophenol

Concen: 95.39 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

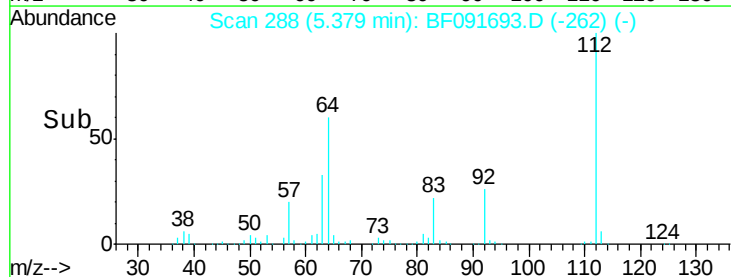
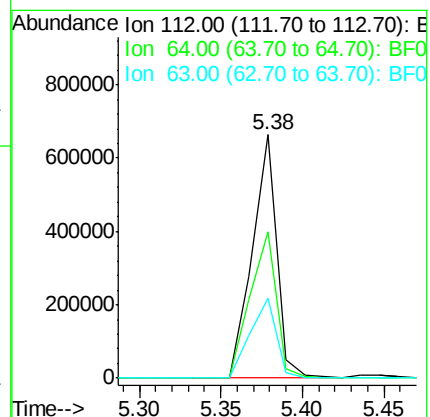
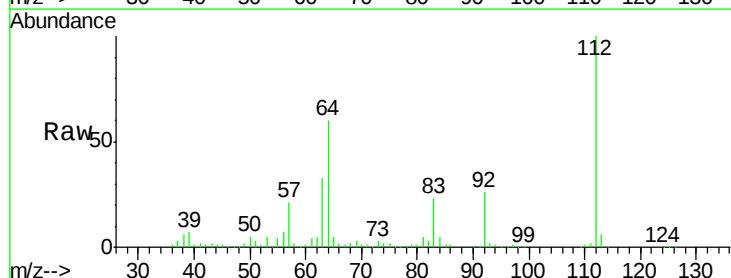
Tgt Ion:112 Resp: 691145

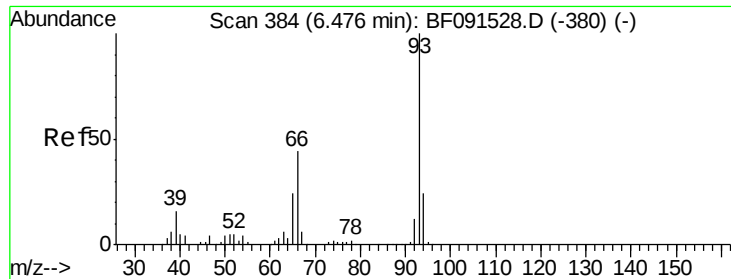
Ion Ratio Lower Upper

112 100

64 60.0 61.5 92.3#

63 32.7 33.3 49.9#





#6

Aniline

Concen: 3.15 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

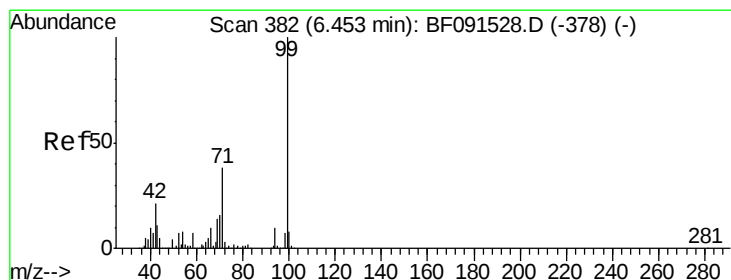
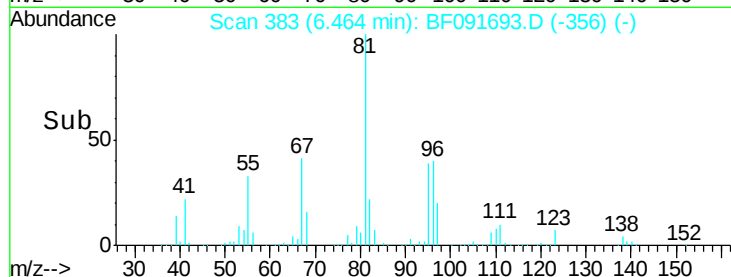
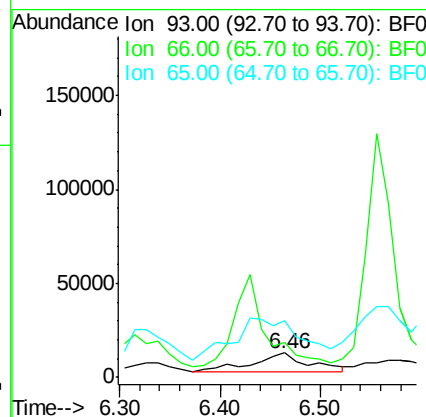
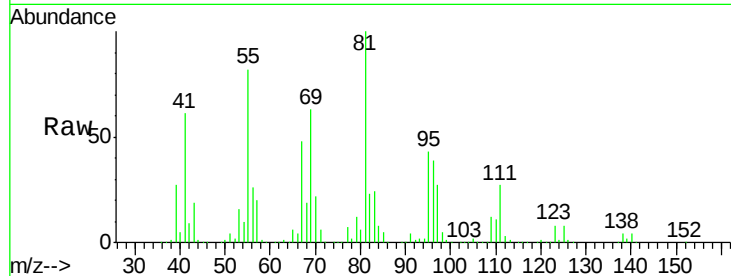
Tgt Ion: 93 Resp: 37339

Ion Ratio Lower Upper

93 100

66 144.3 55.8 83.6#

65 232.0 29.9 44.9#



#7

Phenol-d6

Concen: 112.49 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

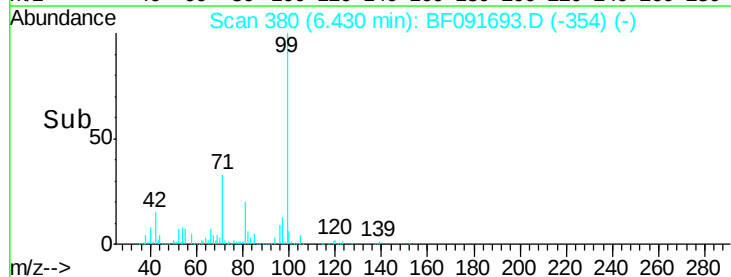
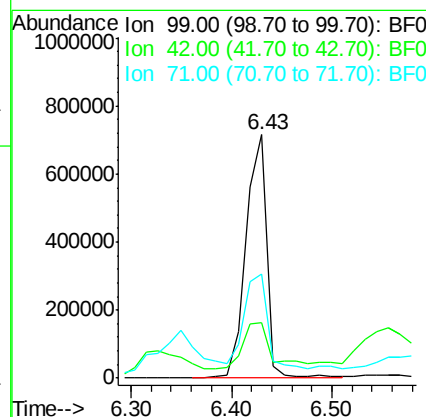
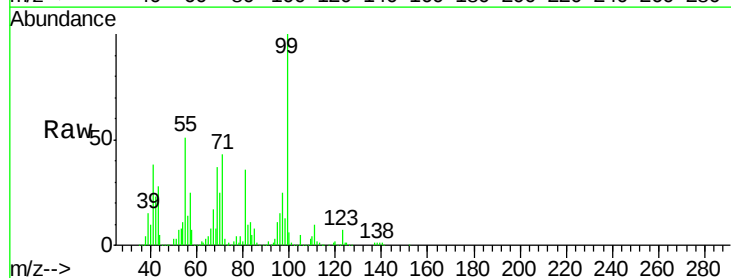
Tgt Ion: 99 Resp: 1016110

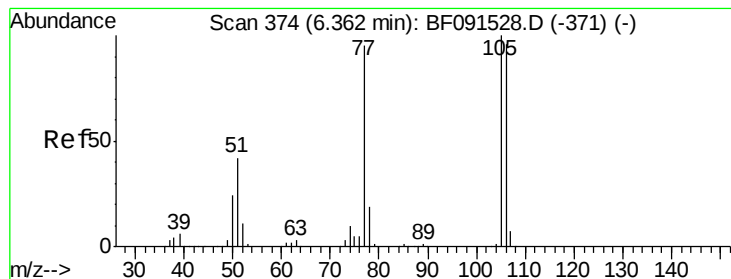
Ion Ratio Lower Upper

99 100

42 22.7 20.6 31.0

71 42.7 29.9 44.9





#9

Benzaldehyde

Concen: 9.65 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

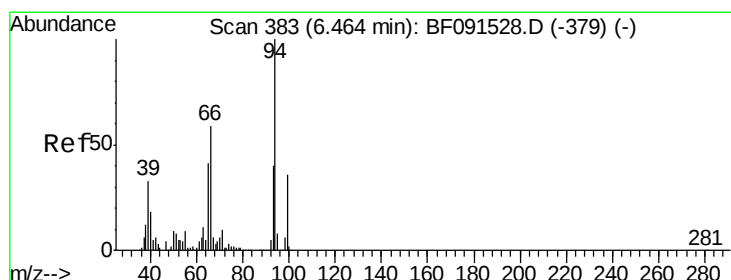
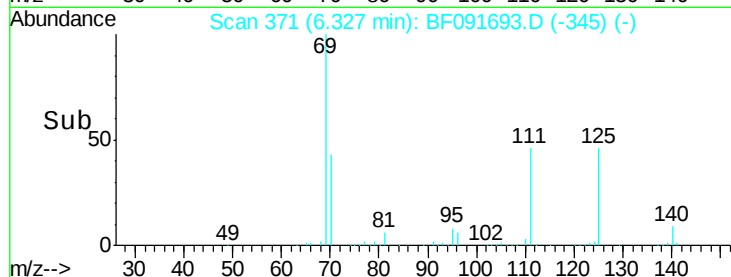
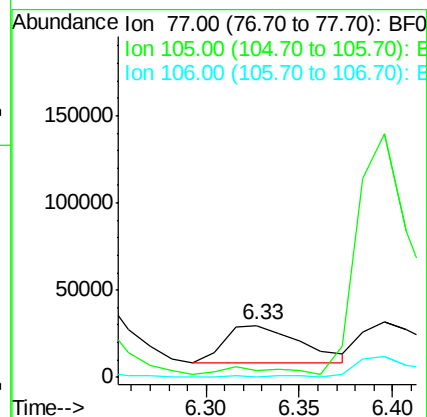
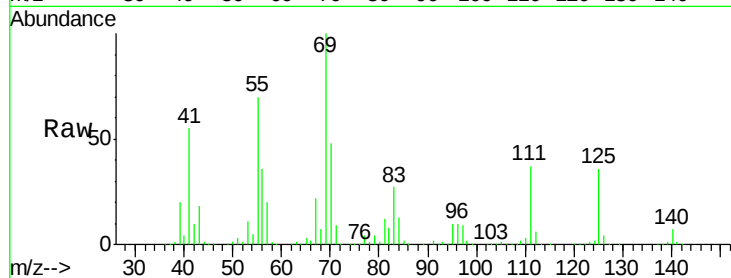
Tgt Ion: 77 Resp: 60000

Ion Ratio Lower Upper

77 100

105 14.1 66.4 106.4#

106 2.0 60.9 100.9#



#10

Phenol

Concen: 6.97 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

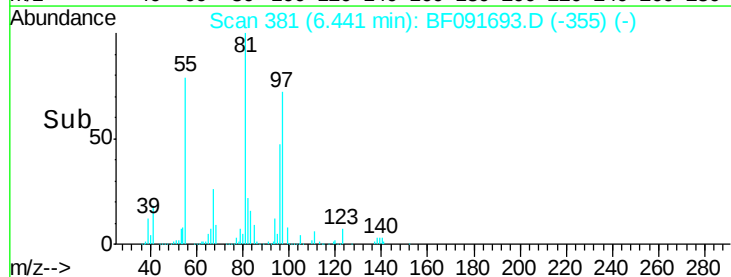
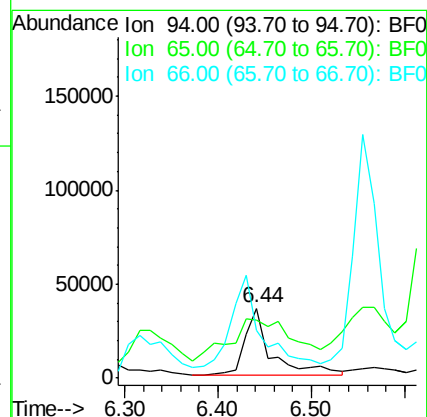
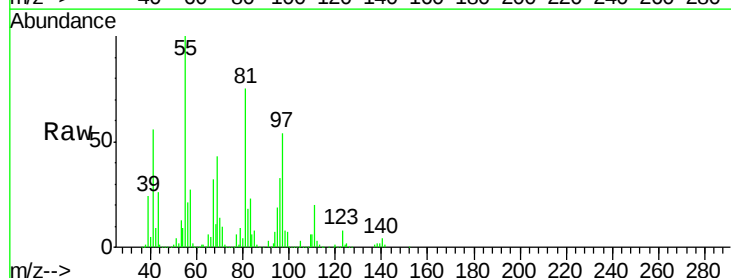
Tgt Ion: 94 Resp: 73620

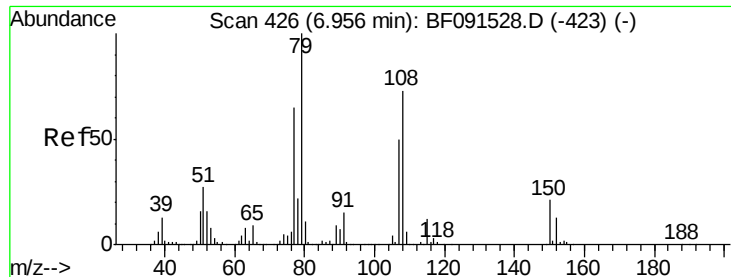
Ion Ratio Lower Upper

94 100

65 83.0 16.9 56.9#

66 68.6 30.6 70.6





#15

Benzyl Alcohol

Concen: 19.90 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.08 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

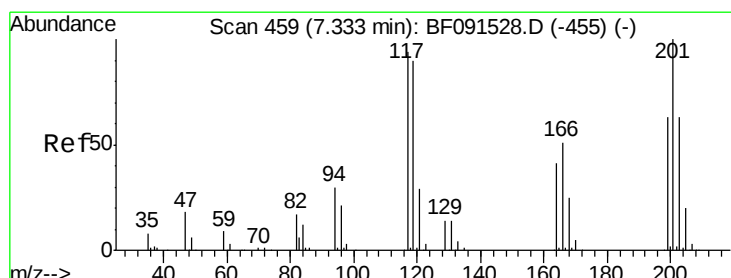
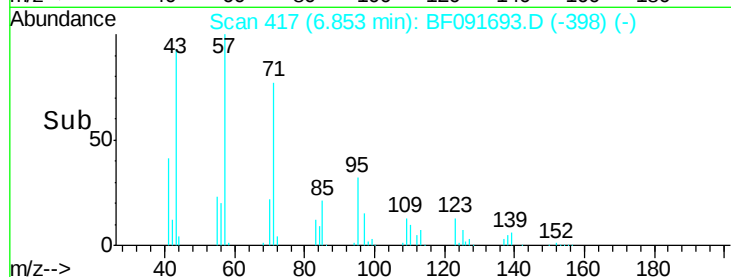
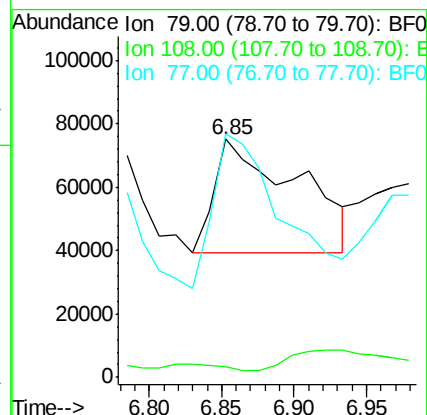
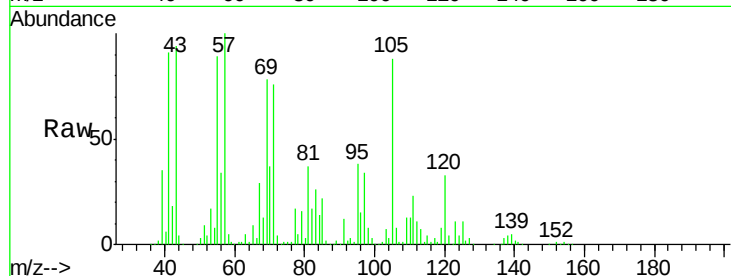
Tgt Ion: 79 Resp: 141945

Ion Ratio Lower Upper

79 100

108 4.3 62.7 94.1#

77 102.3 51.7 77.5#



#18

Hexachloroethane

Concen: 623.71 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.08 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

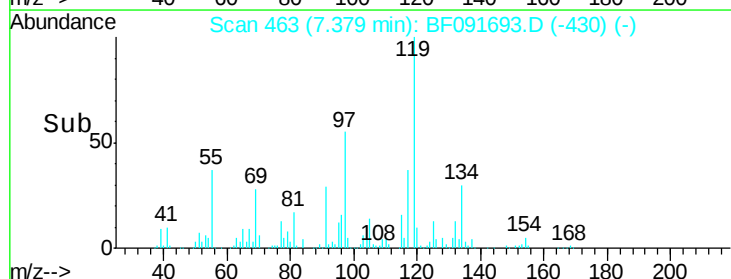
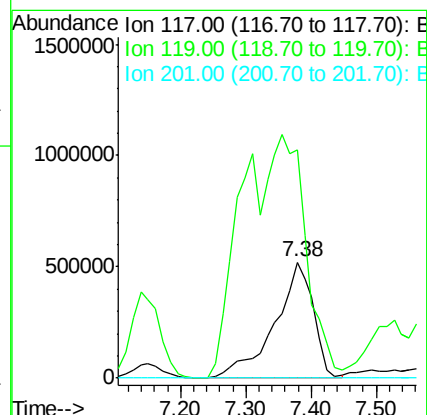
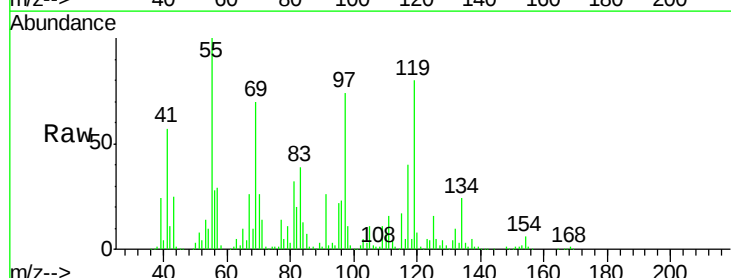
Tgt Ion: 117 Resp: 2129337

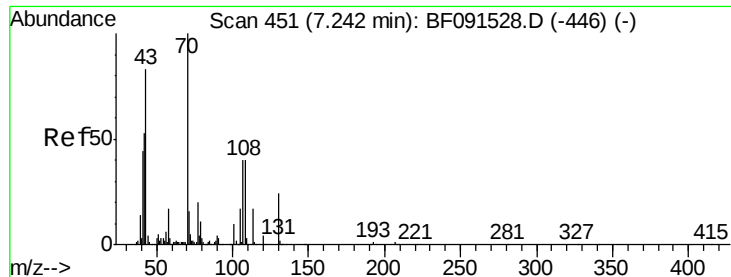
Ion Ratio Lower Upper

117 100

119 196.9 78.6 118.0#

201 0.0 86.7 130.1#

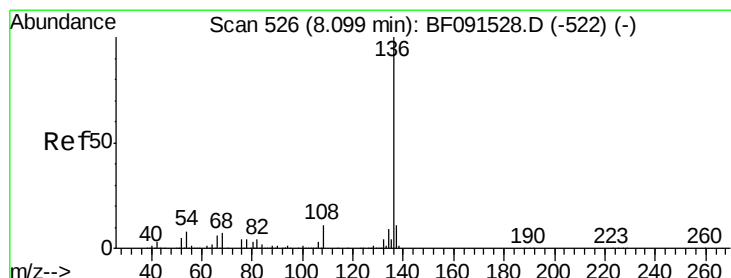
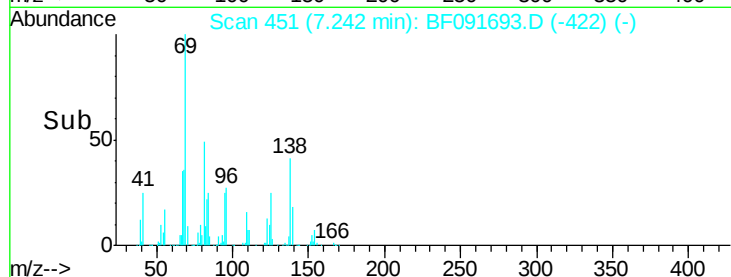
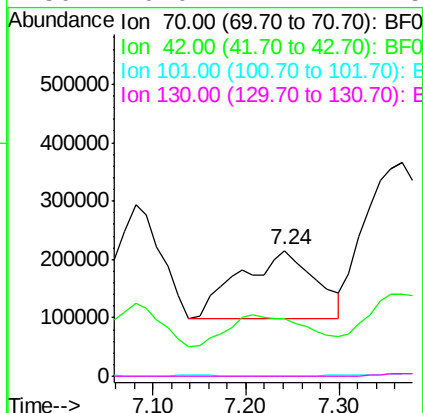
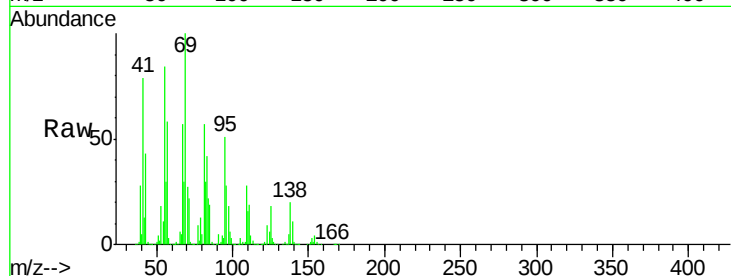




#19
n-Nitroso-di-n-propylamine
Concen: 115.59 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.03 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

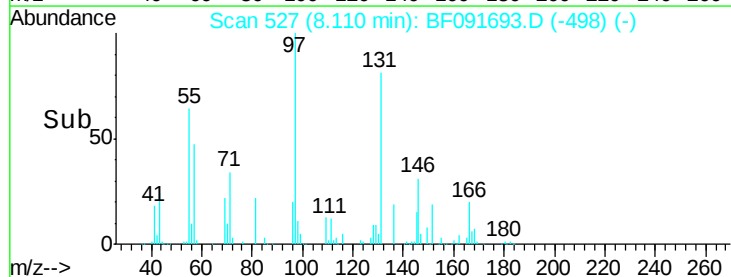
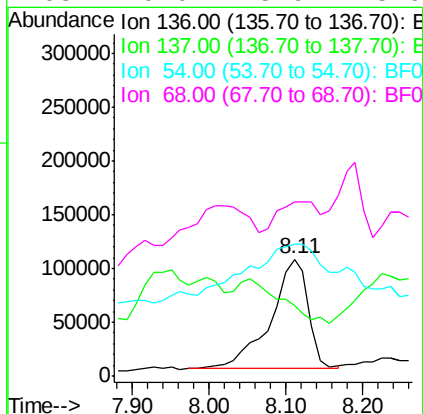
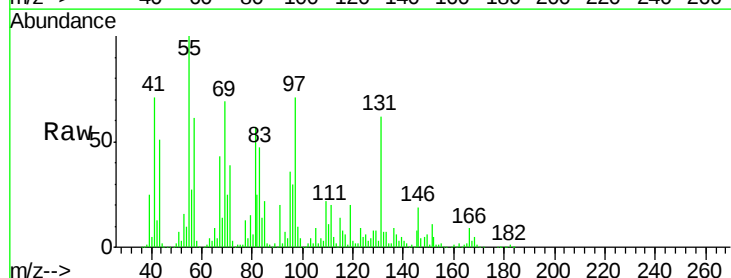
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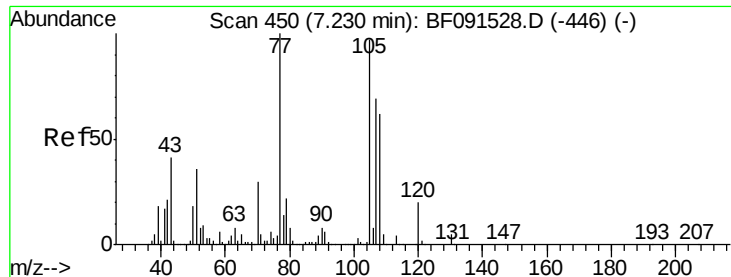
Tgt Ion: 70 Resp: 652917
Ion Ratio Lower Upper
70 100
42 46.0 64.8 97.2#
101 0.1 6.2 9.4#
130 0.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.03 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion: 136 Resp: 342432
Ion Ratio Lower Upper
136 100
137 60.6 9.1 13.7#
54 113.2 9.1 13.7#
68 149.0 5.9 8.9#





#22

Acetophenone

Concen: 30.41 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.09 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

Tgt Ion:105 Resp: 249460

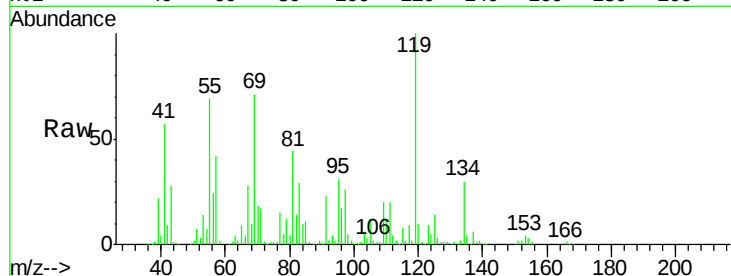
Ion Ratio Lower Upper

105 100

71 146.7 7.9 11.9#

51 60.2 24.5 36.7#

120 86.3 16.6 24.8#

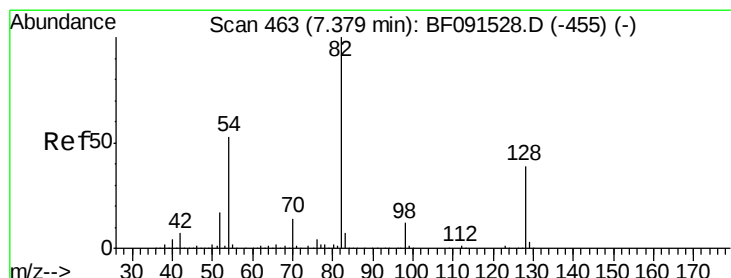
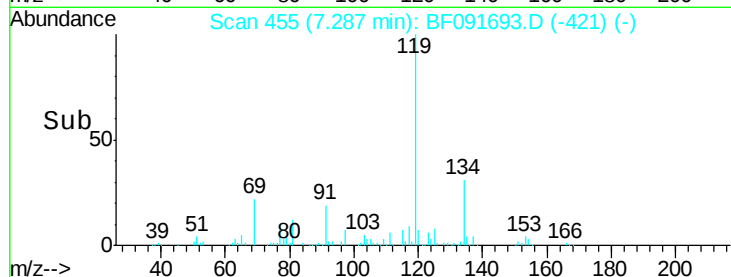
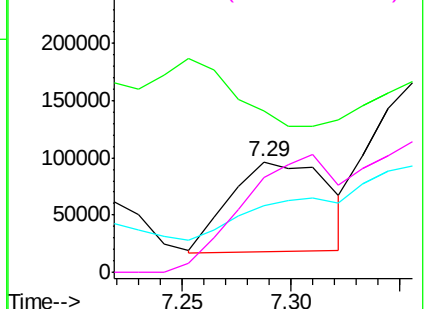


Abundance Ion 105.00 (104.70 to 105.70): E

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: 132.18 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

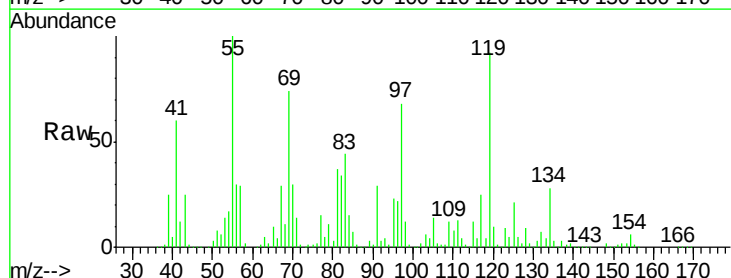
Tgt Ion: 82 Resp: 810998

Ion Ratio Lower Upper

82 100

128 26.7 31.8 47.6#

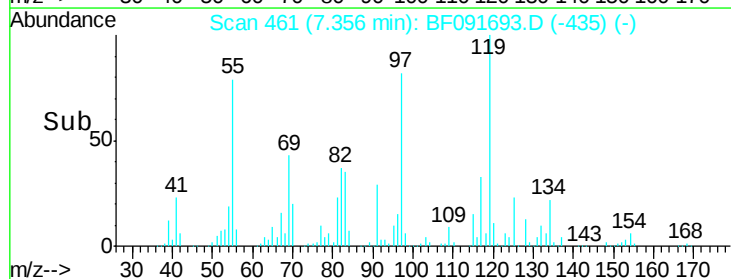
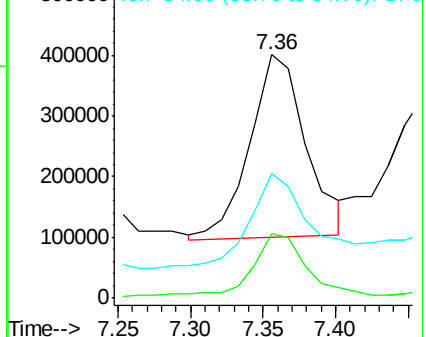
54 51.0 49.1 73.7

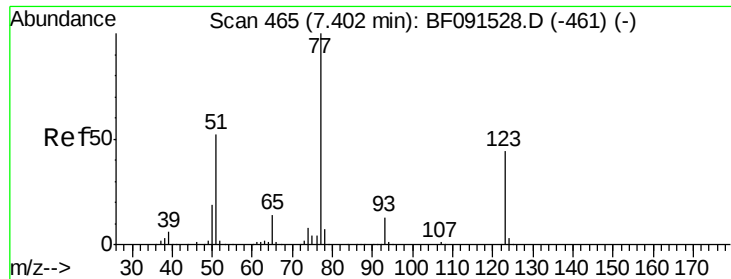


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

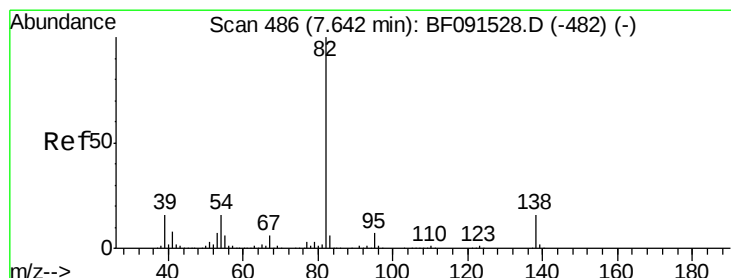
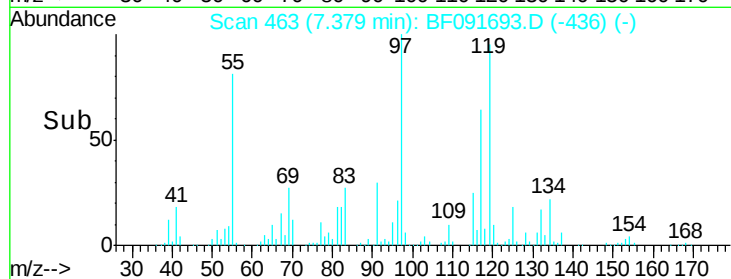
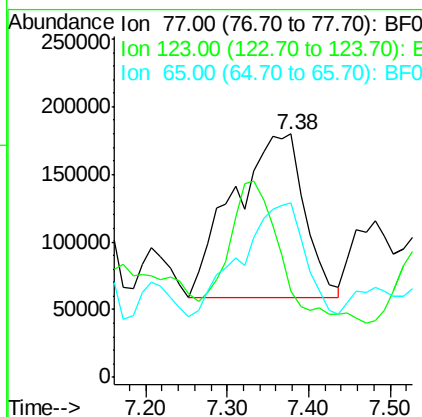
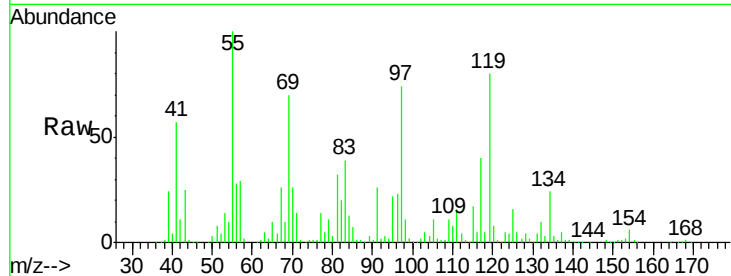




#24
Nitrobenzene
Concen: 112.56 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

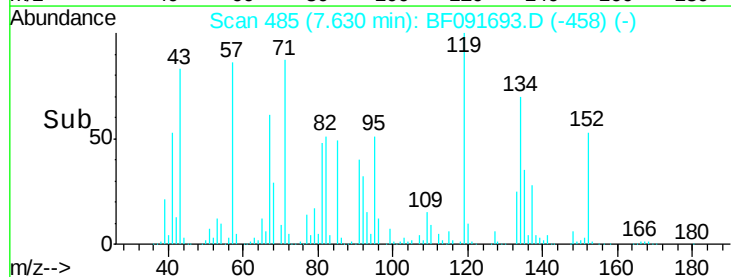
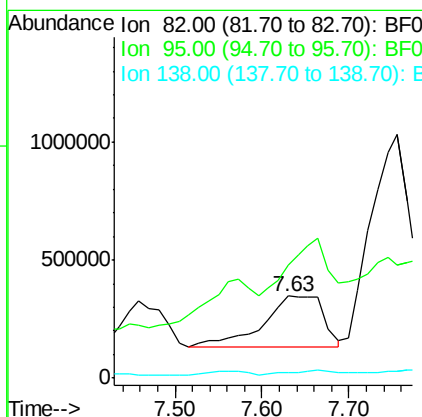
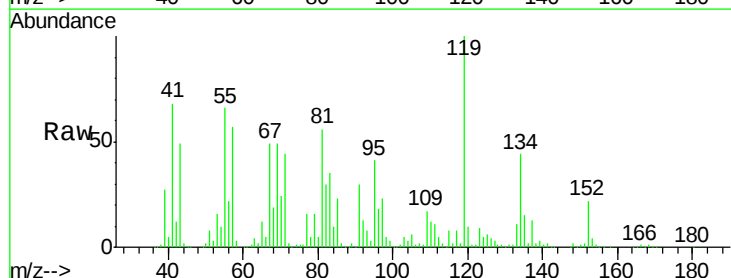
Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

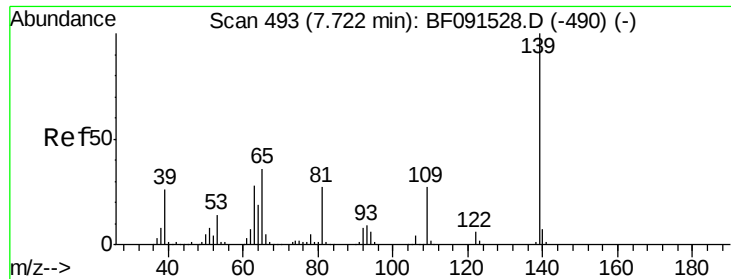
Tgt Ion: 77 Resp: 729660
Ion Ratio Lower Upper
77 100
123 35.3 28.5 42.7
65 71.5 12.5 18.7#



#25
Isophorone
Concen: 93.74 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion: 82 Resp: 1022390
Ion Ratio Lower Upper
82 100
95 137.6 5.7 8.5#
138 7.2 13.4 20.0#

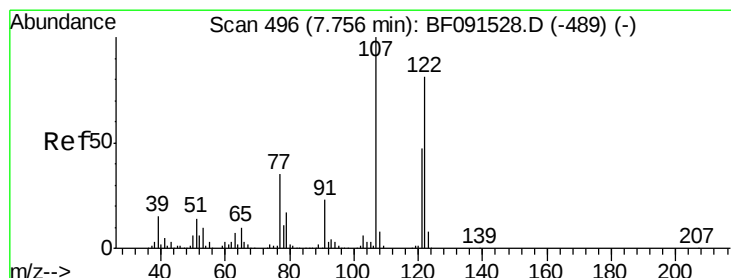
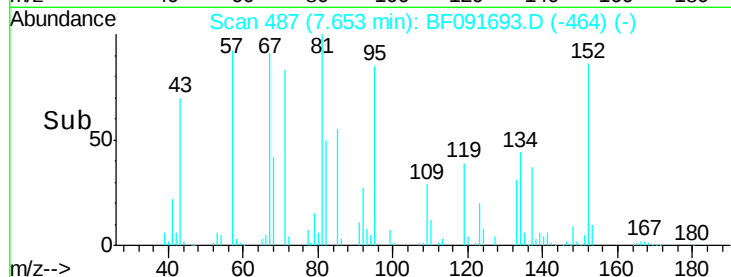
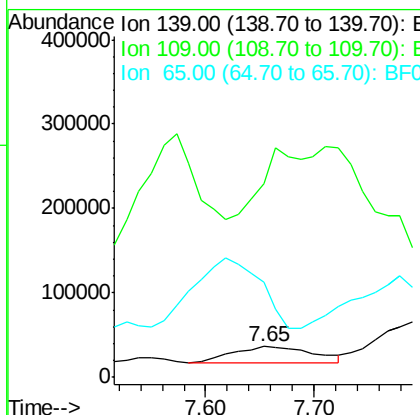
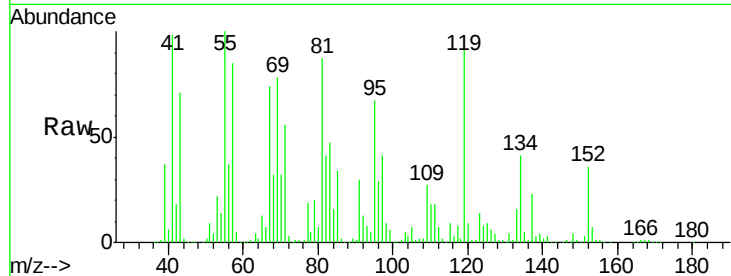




#26
 2-Nitrophenol
 Concen: 37.31 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

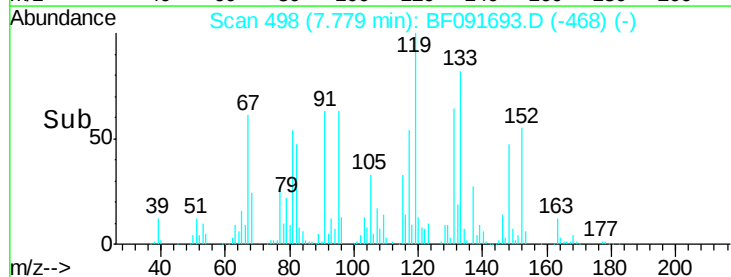
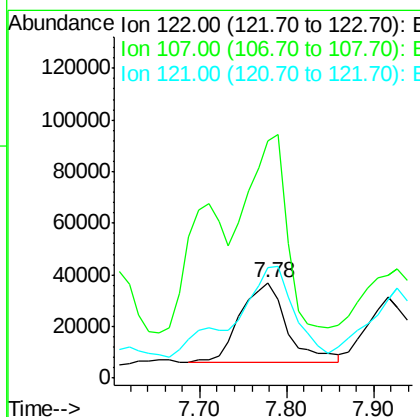
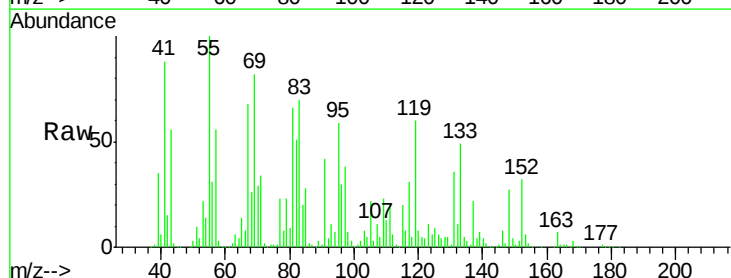
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

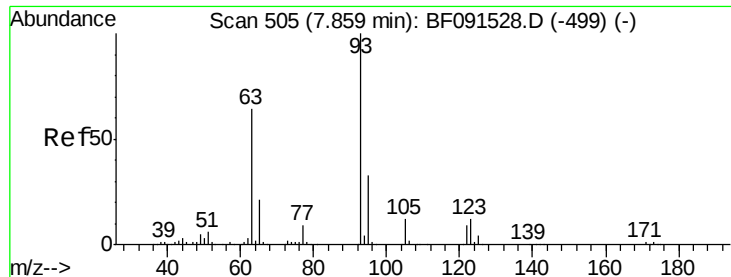
Tgt Ion:139 Resp: 106741
 Ion Ratio Lower Upper
 139 100
 109 630.8 25.3 37.9#
 65 311.3 55.4 83.2#



#27
 2,4-Dimethylphenol
 Concen: 22.78 ng
 RT: 7.78 min Scan# 498
 Delta R.T. 0.05 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion:122 Resp: 114473
 Ion Ratio Lower Upper
 122 100
 107 248.6 96.8 145.2#
 121 115.7 47.7 71.5#

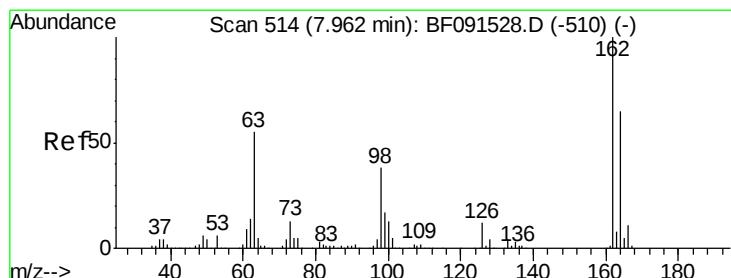
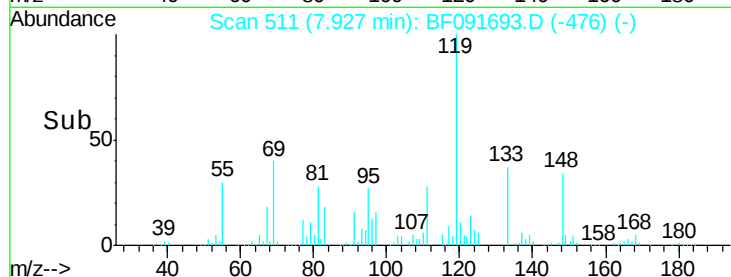
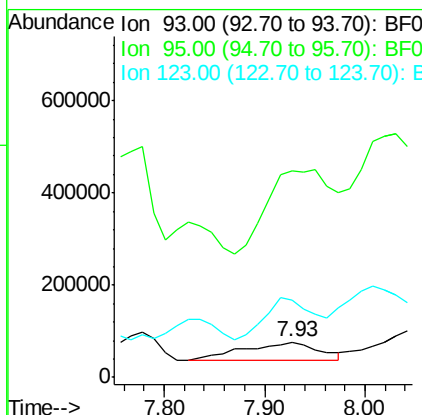
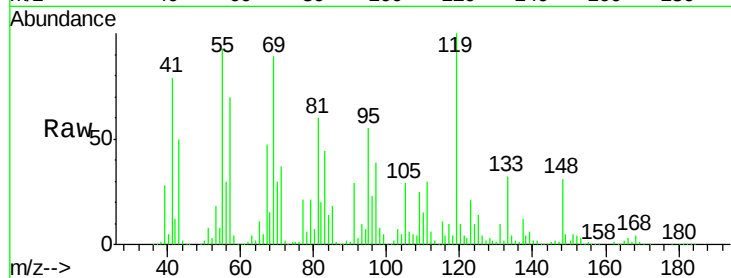




#28
bis(2-Chloroethoxy)methane
Concen: 31.18 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.10 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

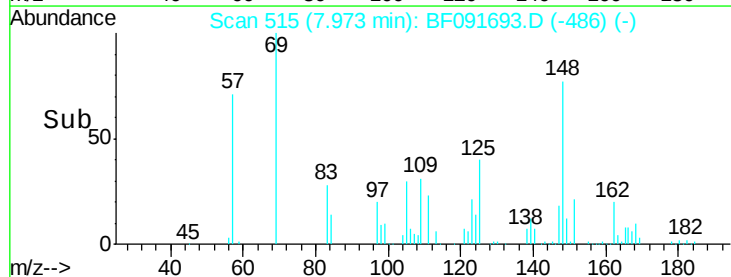
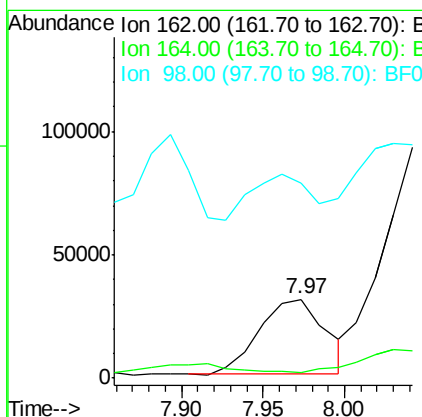
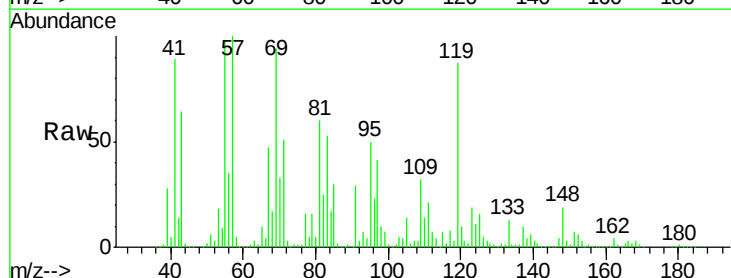
Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

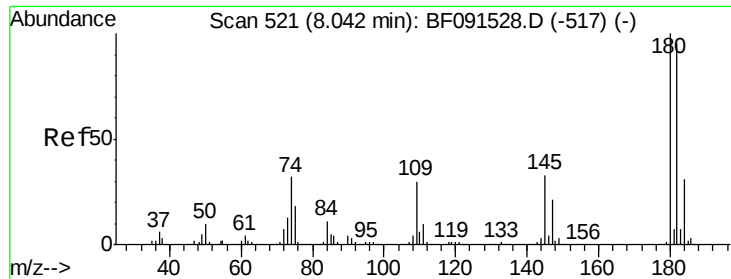
Tgt Ion: 93 Resp: 199444
Ion Ratio Lower Upper
93 100
95 580.8 26.0 39.0#
123 217.0 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 19.62 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.03 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion: 162 Resp: 85760
Ion Ratio Lower Upper
162 100
164 7.7 45.0 85.0#
98 247.7 21.3 61.3#

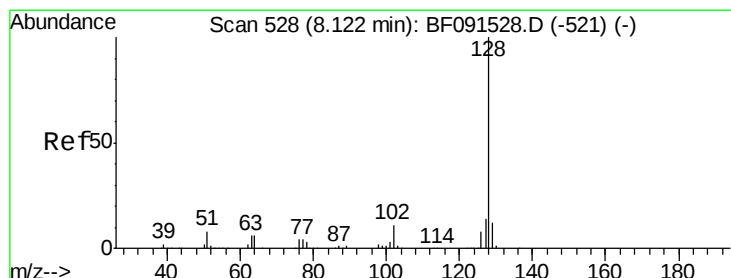
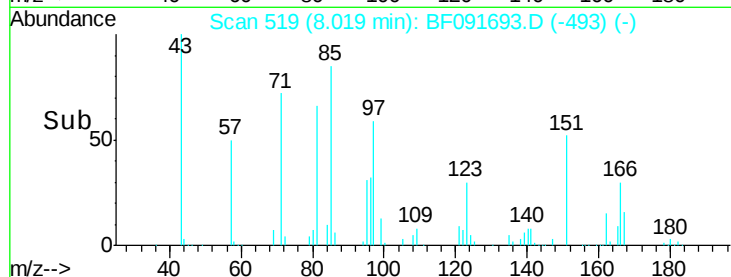
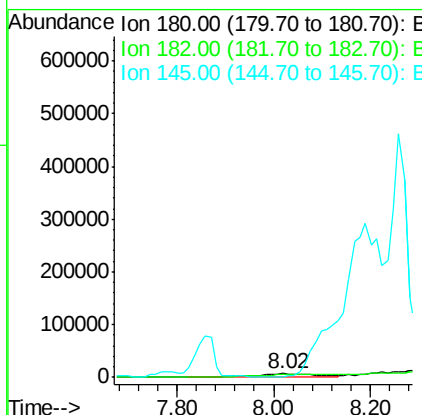
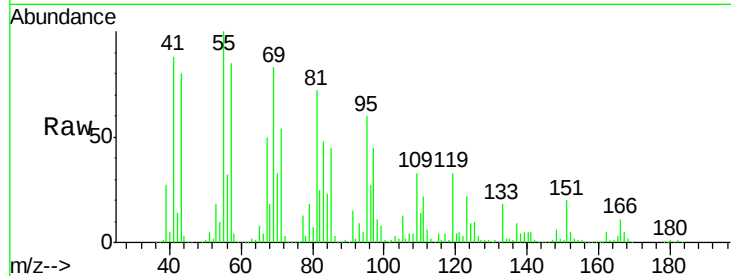




#30
1,2,4-Trichlorobenzene
Concen: 11.97 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

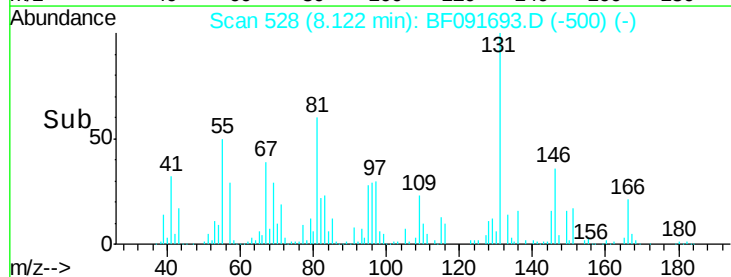
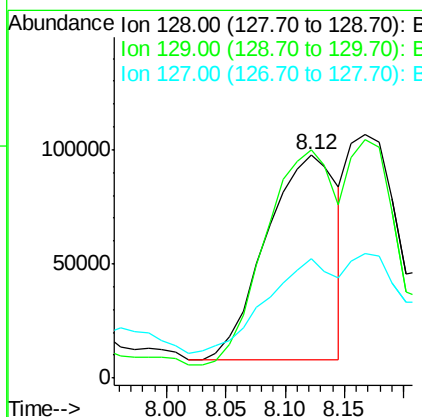
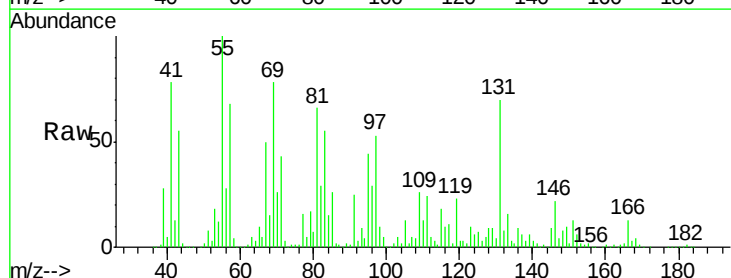
Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

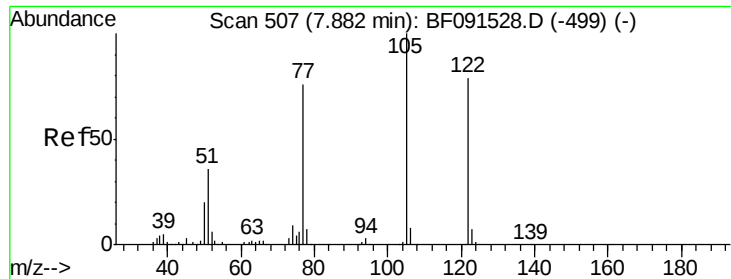
Tgt Ion:180 Resp: 59482
Ion Ratio Lower Upper
180 100
182 65.1 75.8 113.8#
145 22.5 27.0 40.4#



#31
Naphthalene
Concen: 23.34 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.02 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion:128 Resp: 371784
Ion Ratio Lower Upper
128 100
129 102.2 9.1 13.7#
127 53.6 11.0 16.4#





#32

Benzoic acid

Concen: 22.66 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.06 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

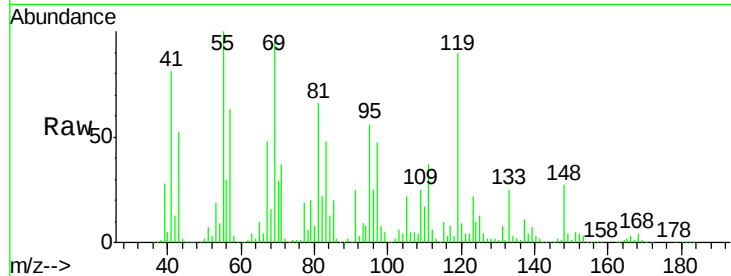
Tgt Ion:122 Resp: 71341

Ion Ratio Lower Upper

122 100

105 559.6 113.0 153.0#

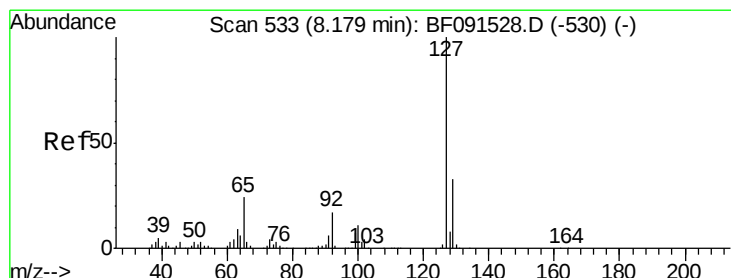
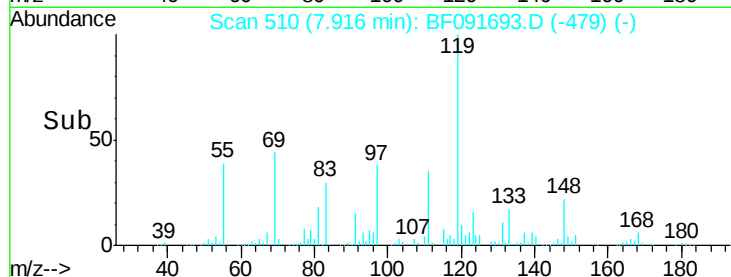
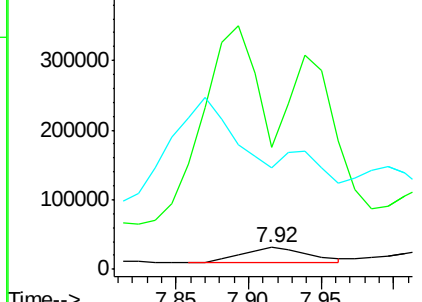
77 464.7 82.0 122.0#



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: 14.88 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.02 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Tgt Ion:127 Resp: 102121

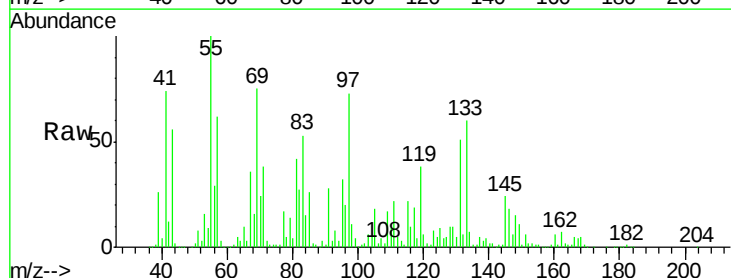
Ion Ratio Lower Upper

127 100

129 191.5 26.2 39.4#

65 203.3 26.6 39.8#

92 63.7 15.4 23.0#

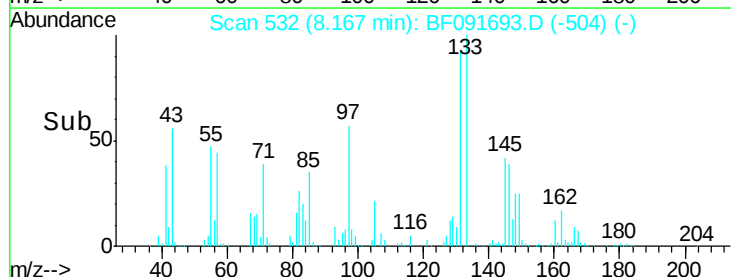
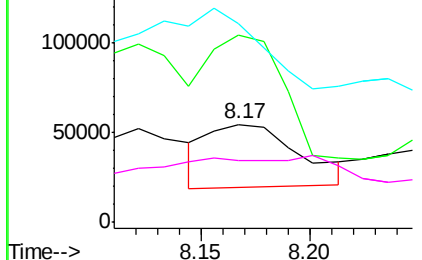


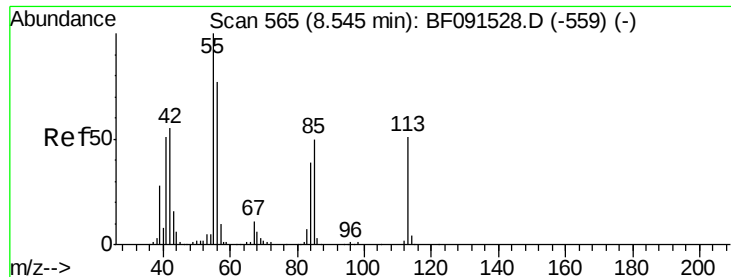
Abundance Ion 127.00 (126.70 to 127.70): E

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

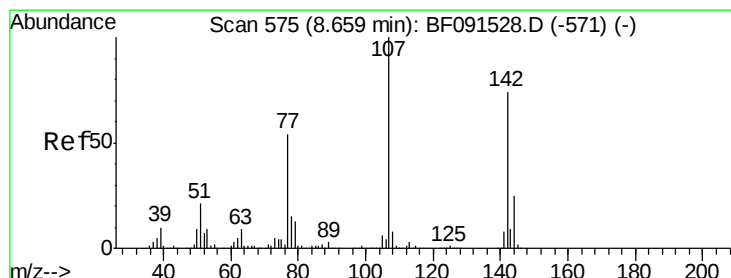
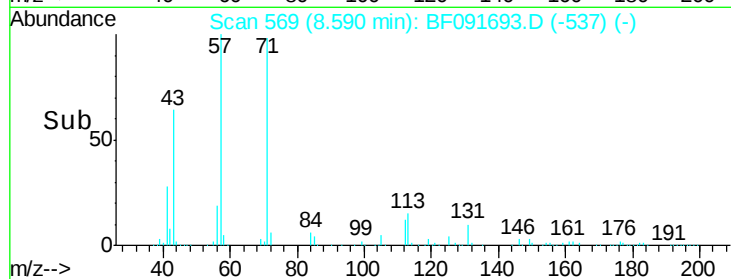
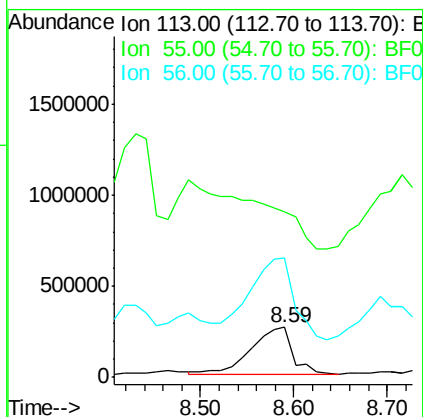
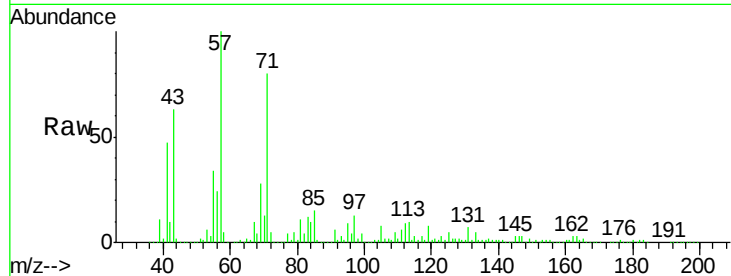




#35
 Caprolactam
 Concen: 606.70 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.07 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

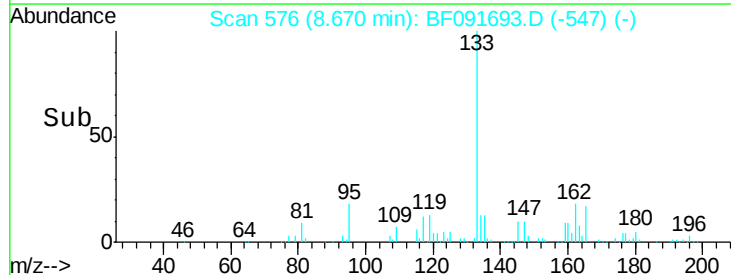
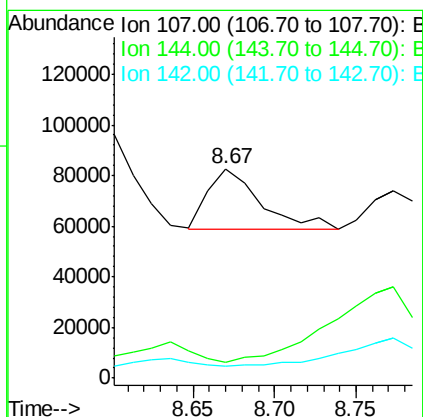
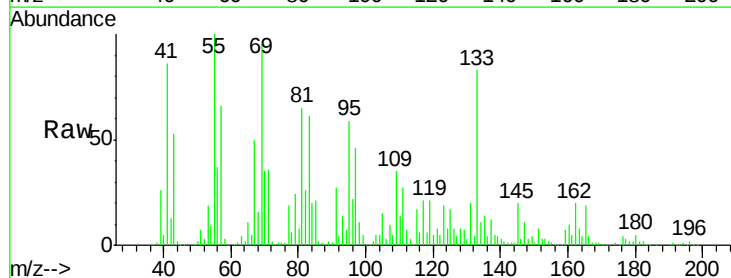
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

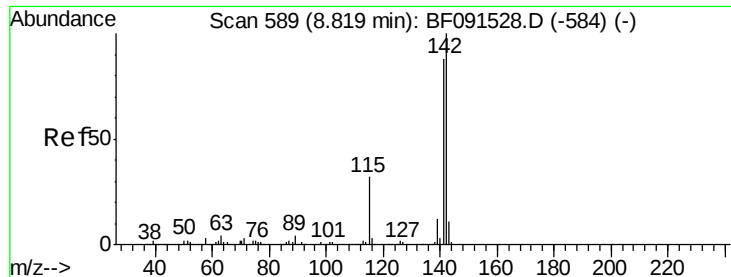
Tgt Ion:113 Resp: 774636
 Ion Ratio Lower Upper
 113 100
 55 332.8 239.8 279.8#
 56 238.9 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 10.64 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.03 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion:107 Resp: 52187
 Ion Ratio Lower Upper
 107 100
 144 7.5 18.9 28.3#
 142 5.7 58.5 87.7#

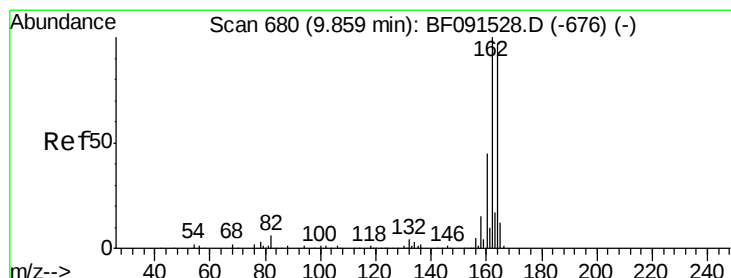
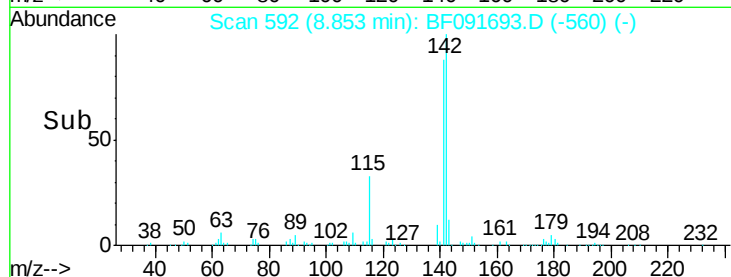
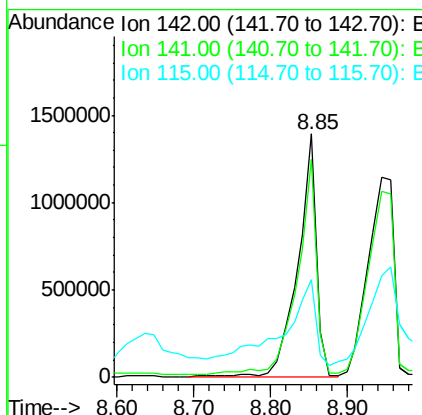
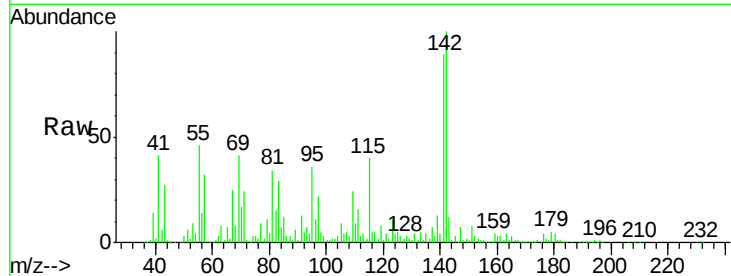




#37
 2-Methylnaphthalene
 Concen: 225.57 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.07 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

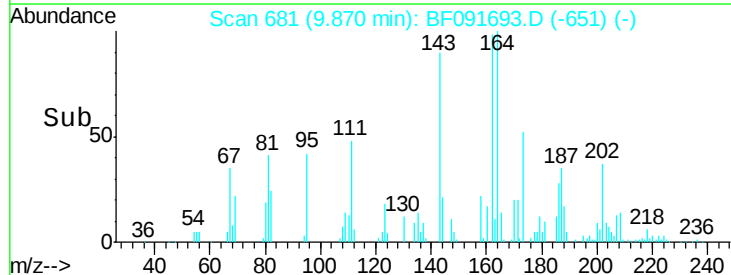
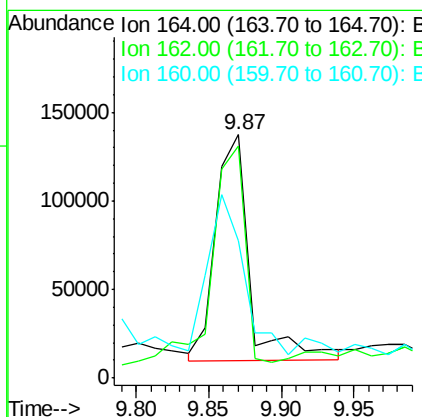
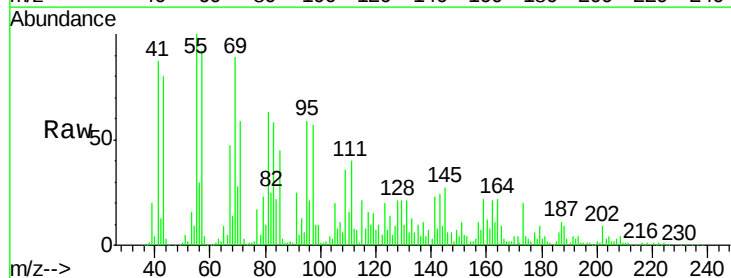
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

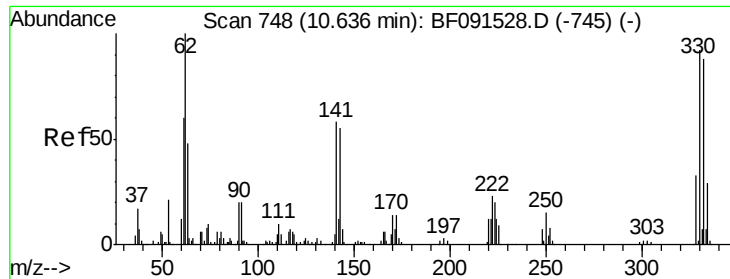
Tgt Ion:142 Resp: 2326070
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.7 107.5
 115 40.0 25.0 37.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.05 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion:164 Resp: 211040
 Ion Ratio Lower Upper
 164 100
 162 95.3 82.6 124.0
 160 56.4 36.7 55.1#

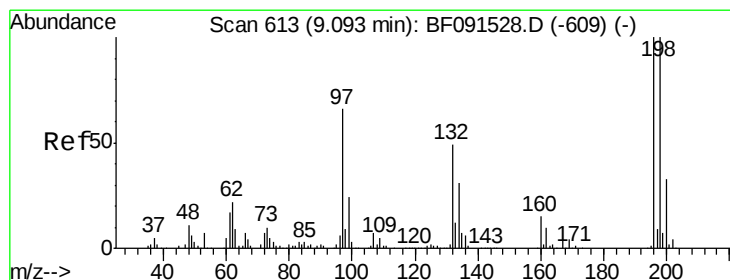
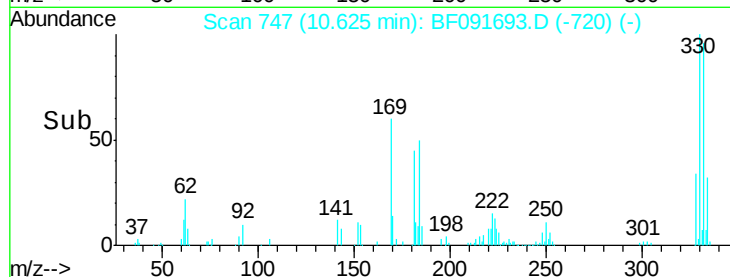
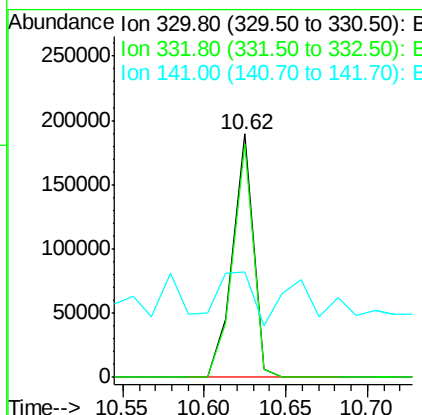
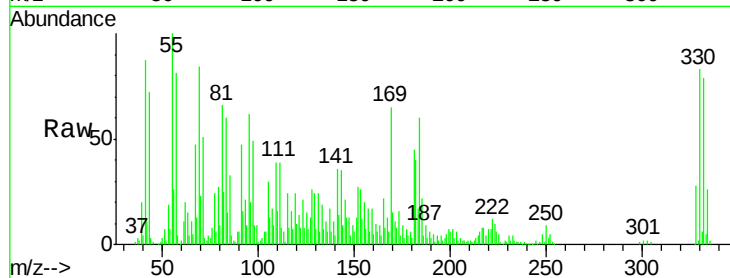




#41
 2,4,6-Tribromophenol
 Concen: 94.58 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

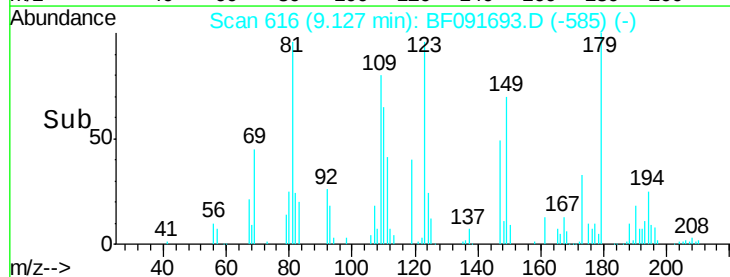
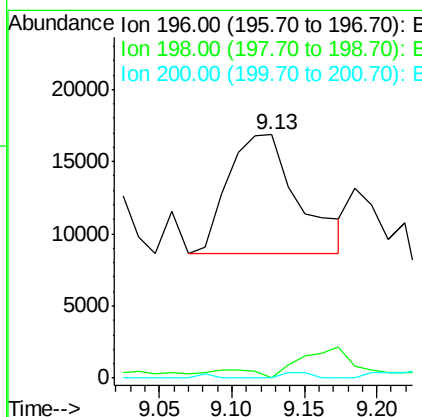
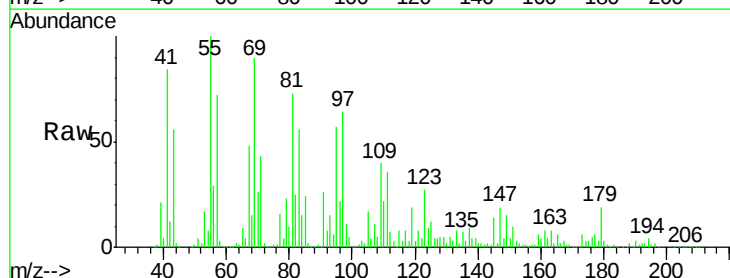
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

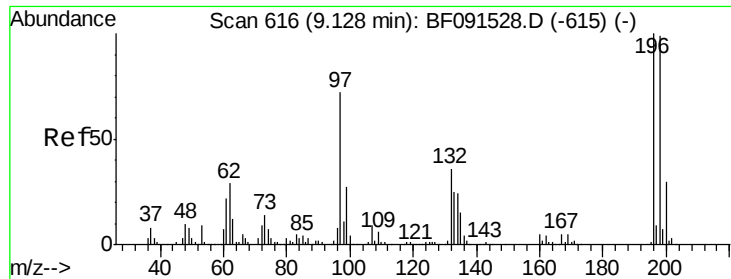
Tgt Ion:330 Resp: 165787
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 37.9 33.6 50.4



#42
 2,4,6-Trichlorophenol
 Concen: 7.48 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.06 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion:196 Resp: 27808
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.4 116.0#
 200 0.0 25.2 37.8#

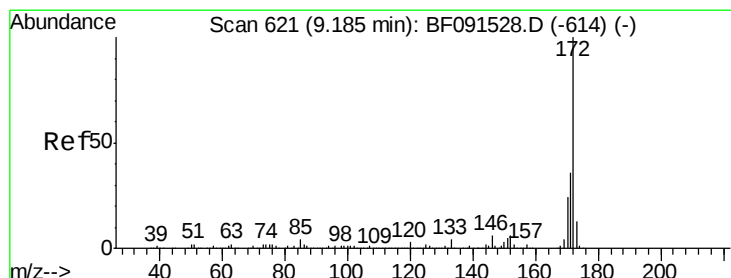
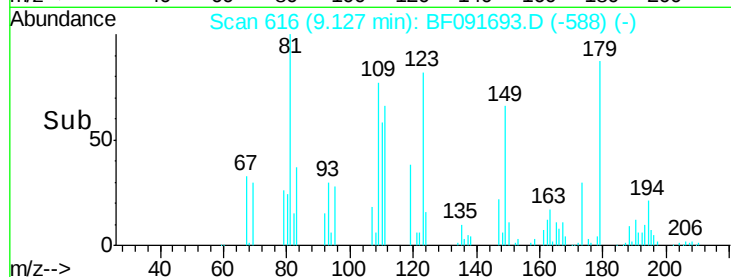
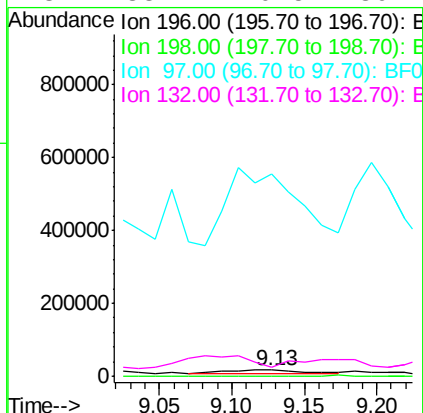
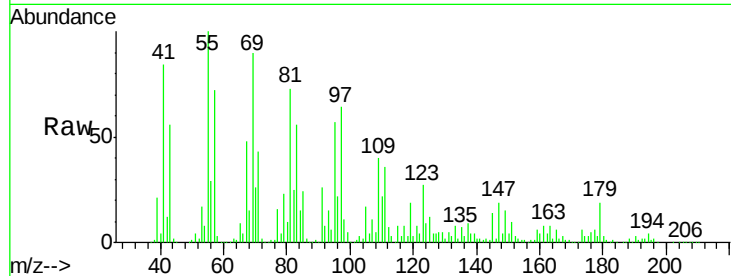




#43
2,4,5-Trichlorophenol
Concen: 7.28 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.02 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

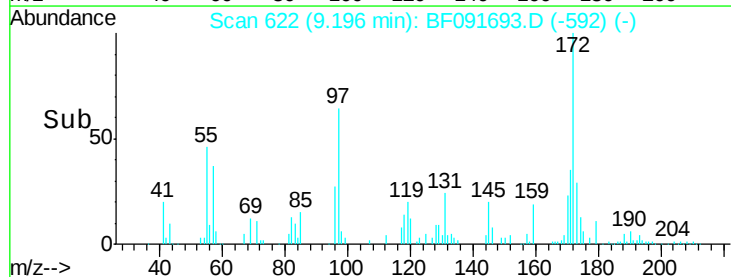
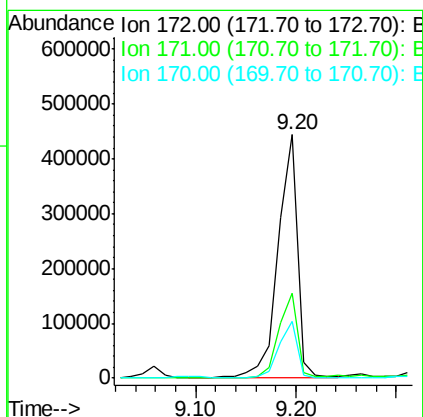
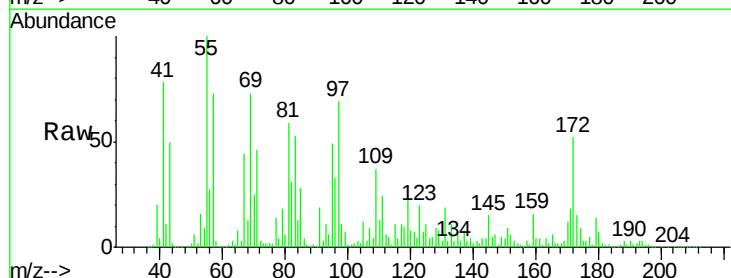
Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

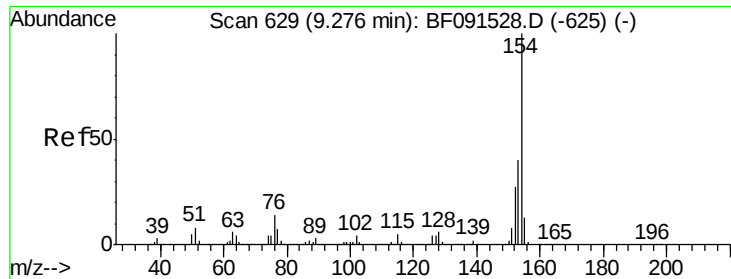
Tgt Ion:196 Resp: 27808
Ion Ratio Lower Upper
196 100
198 0.0 77.0 115.6#
97 3281.9 33.5 50.3#
132 138.2 20.5 30.7#



#44
2-Fluorobiphenyl
Concen: 48.68 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.05 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion:172 Resp: 594557
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 23.2 19.7 29.5

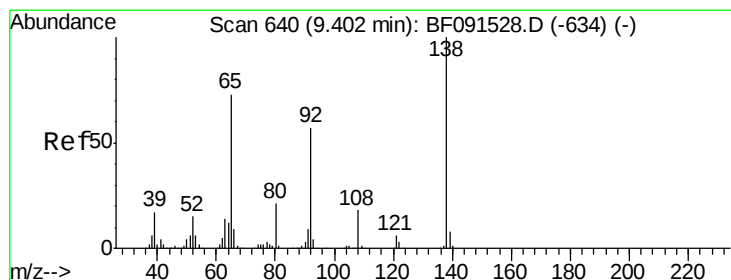
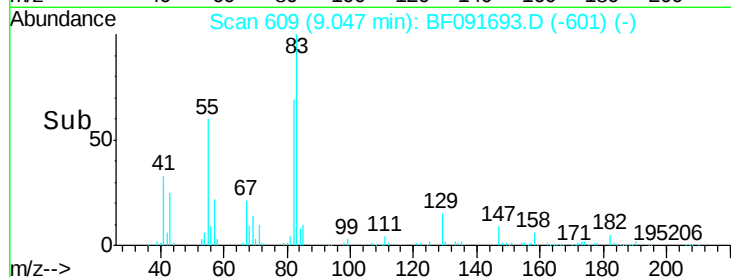
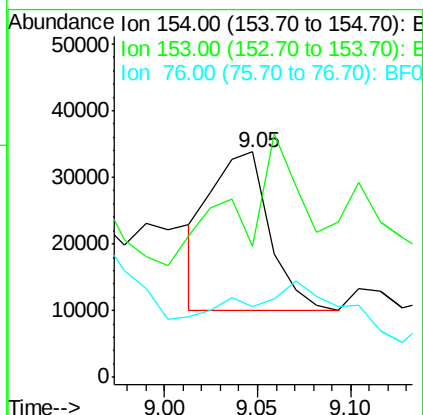
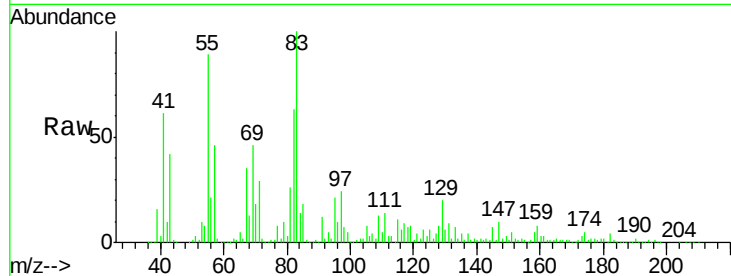




#45
 1,1'-Biphenyl
 Concen: 3.42 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.21 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

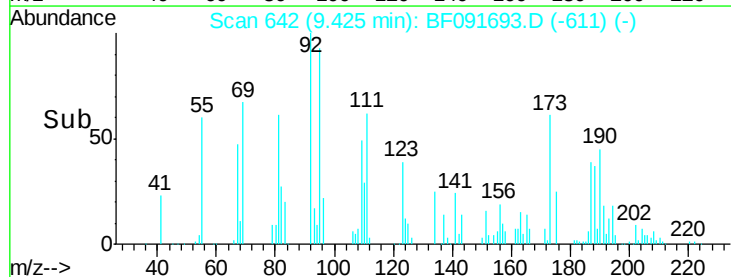
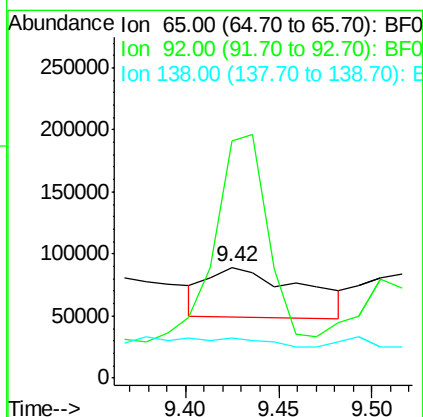
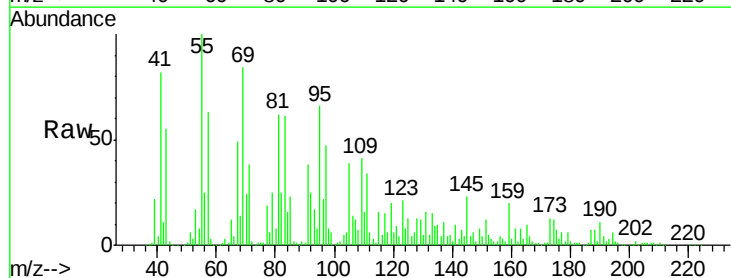
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

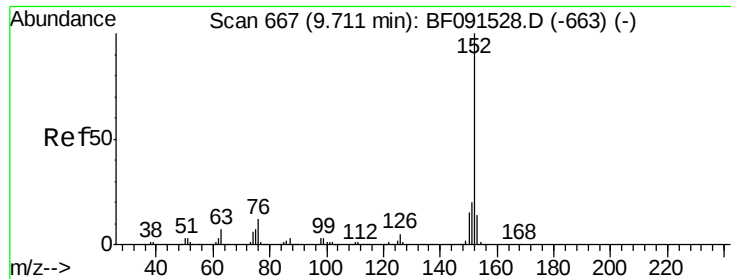
Tgt Ion: 154 Resp: 52321
 Ion Ratio Lower Upper
 154 100
 153 58.1 20.6 60.6
 76 31.3 0.0 36.6



#47
 2-Nitroaniline
 Concen: 35.74 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.06 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion: 65 Resp: 142275
 Ion Ratio Lower Upper
 65 100
 92 214.0 53.6 80.4#
 138 35.9 91.0 136.6#





#48

Acenaphthylene

Concen: 5.37 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.05 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

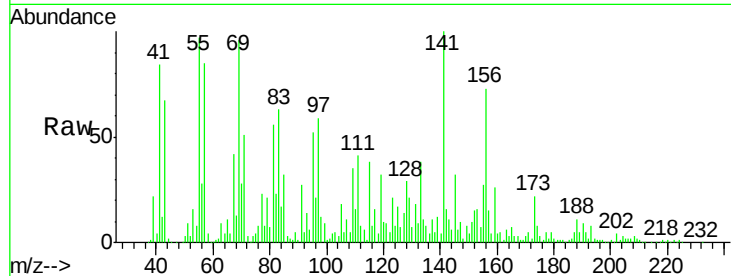
Tgt Ion:152 Resp: 96813

Ion Ratio Lower Upper

152 100

151 69.1 16.6 24.8#

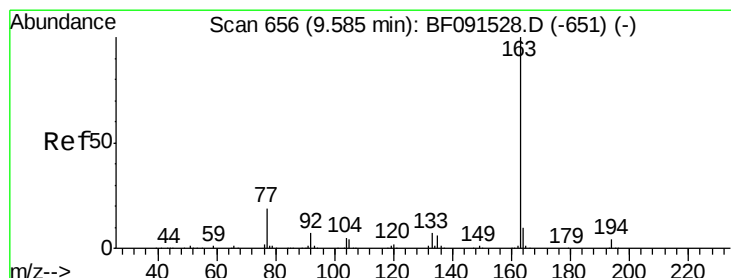
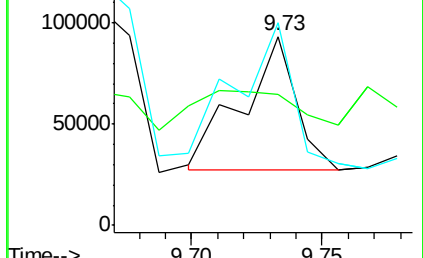
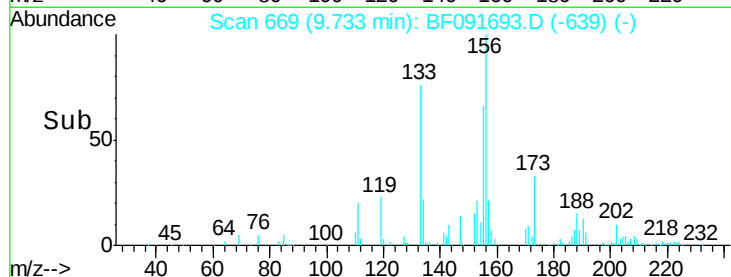
153 107.1 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 10.54 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

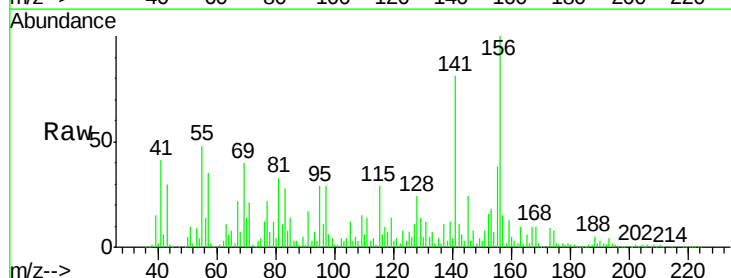
Tgt Ion:163 Resp: 140859

Ion Ratio Lower Upper

163 100

194 23.3 3.0 4.4#

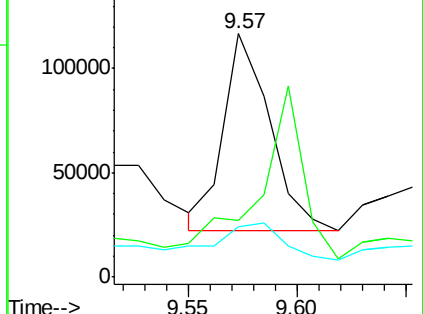
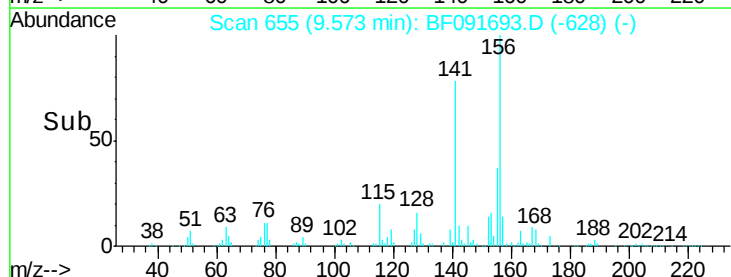
164 20.9 7.8 11.8#

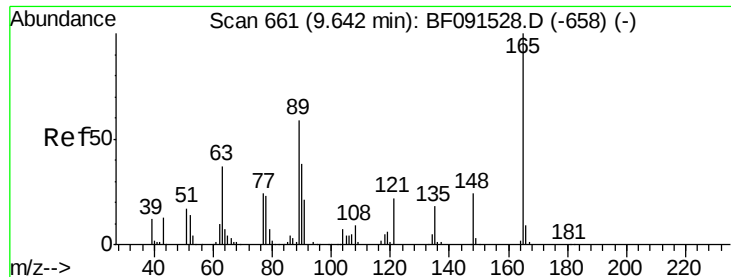


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 40.47 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.03 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

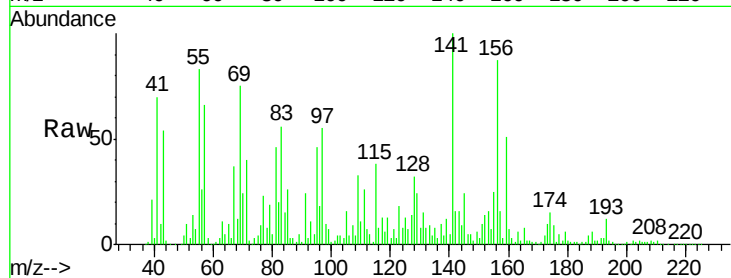
Tgt Ion:165 Resp: 118694

Ion Ratio Lower Upper

165 100

63 137.2 59.4 89.0#

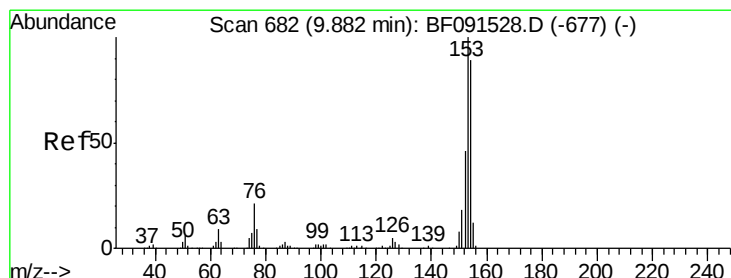
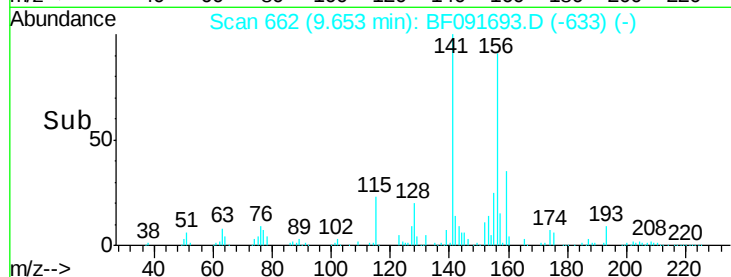
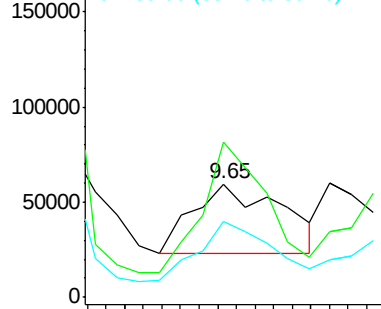
89 67.2 50.8 76.2



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: 7.72 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.03 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

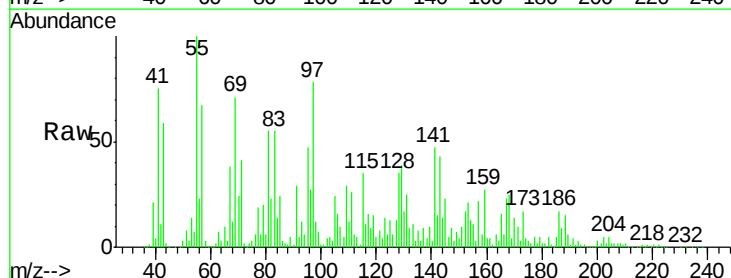
Tgt Ion:154 Resp: 96703

Ion Ratio Lower Upper

154 100

153 163.5 91.0 136.6#

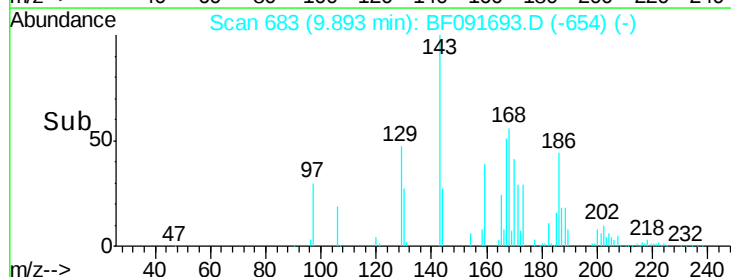
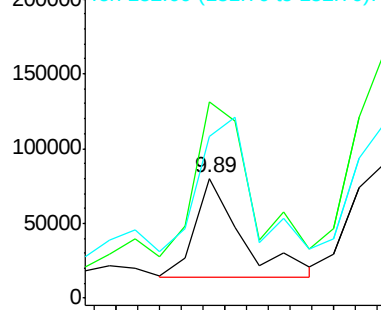
152 135.0 44.2 66.2#

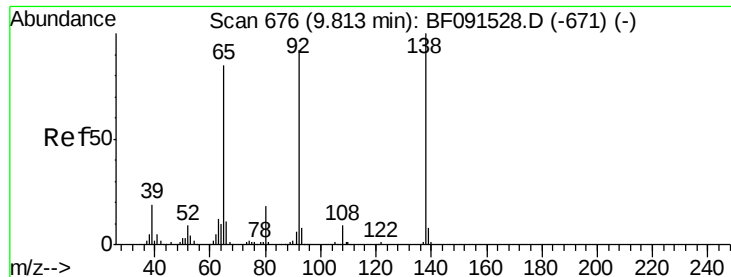


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 12.69 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.03 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

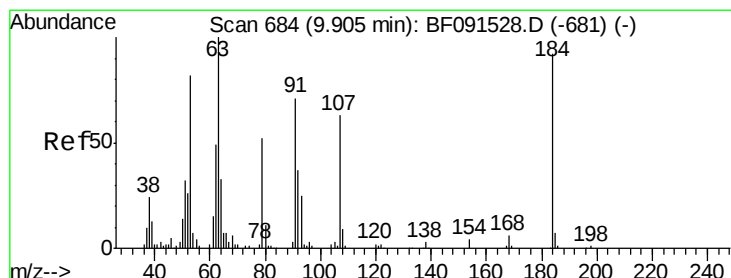
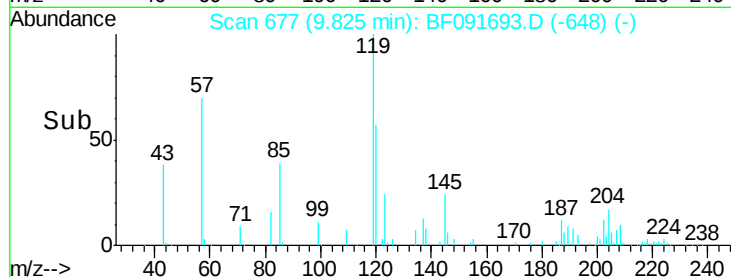
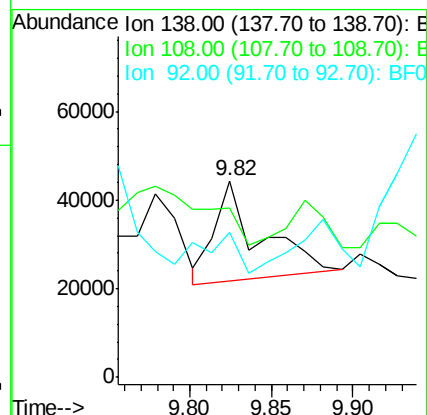
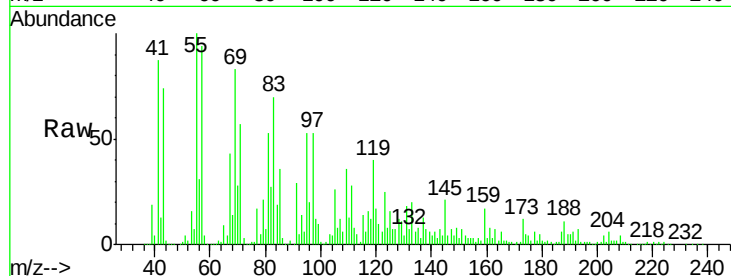
Tgt Ion:138 Resp: 43729

Ion Ratio Lower Upper

138 100

108 86.0 8.1 12.1#

92 73.6 92.5 138.7#



#53

2,4-Dinitrophenol

Concen: 15.92 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.18 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

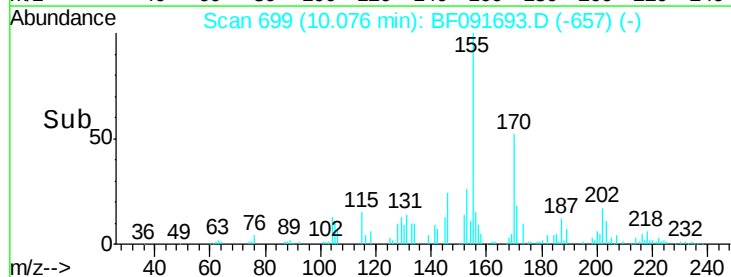
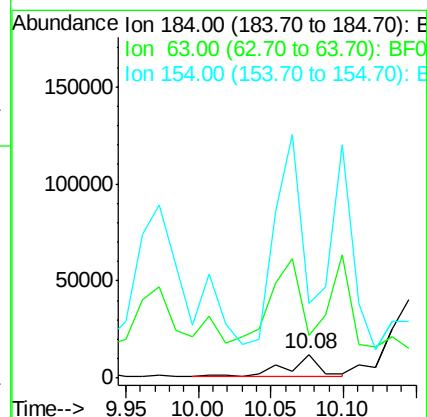
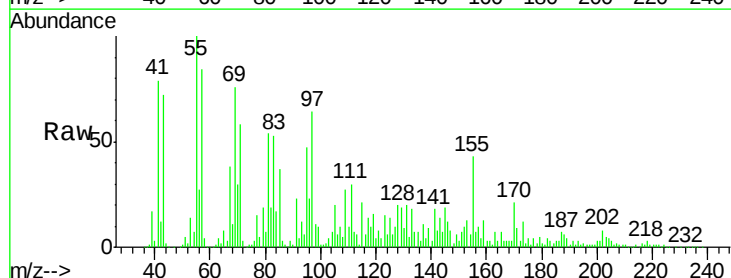
Tgt Ion:184 Resp: 16181

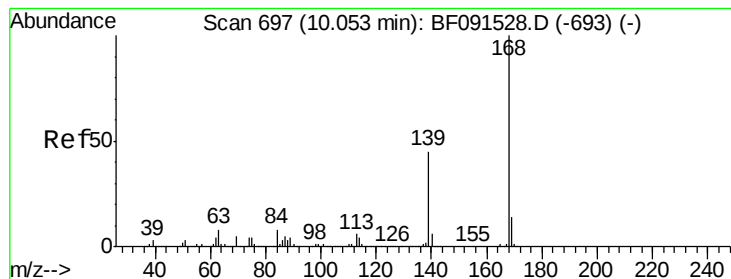
Ion Ratio Lower Upper

184 100

63 176.6 58.3 87.5#

154 308.9 48.6 73.0#





#54

Dibenzofuran

Concen: 16.40 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.03 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

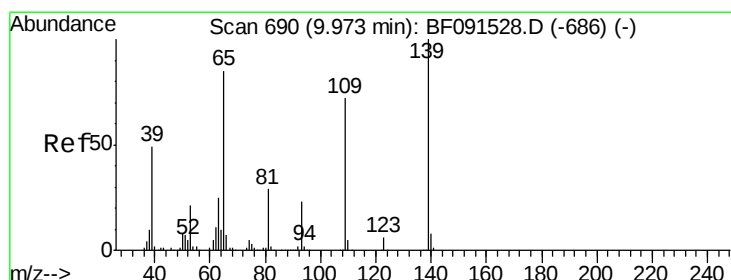
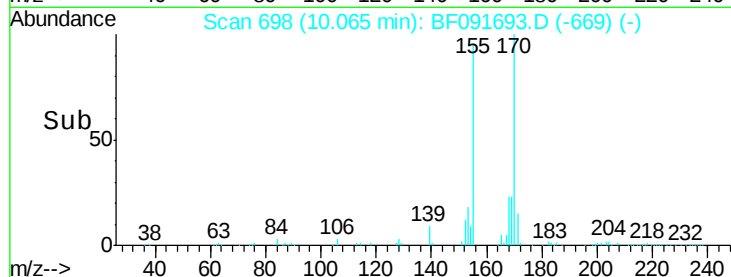
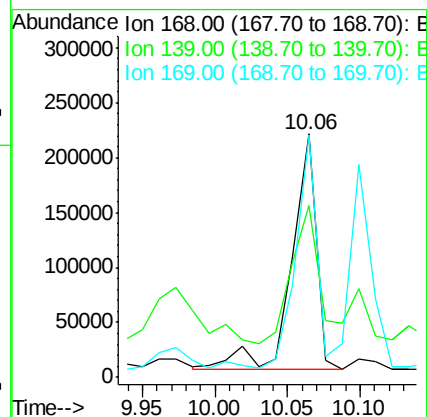
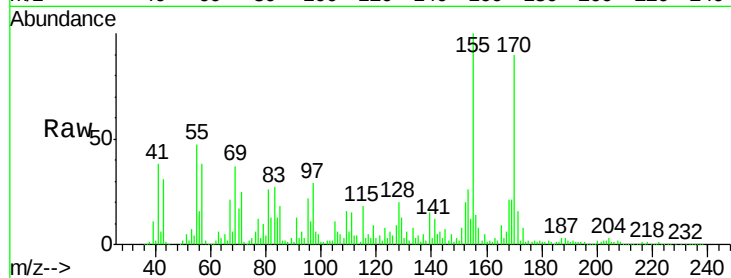
Tgt Ion:168 Resp: 254282

Ion Ratio Lower Upper

168 100

139 70.8 33.4 50.2#

169 99.3 11.1 16.7#



#55

4-Nitrophenol

Concen: 44.67 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

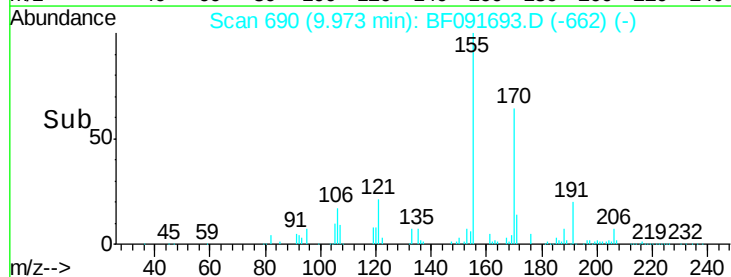
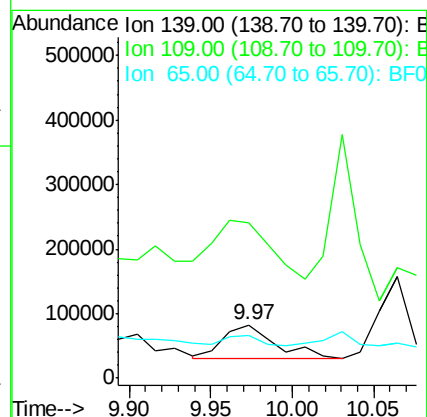
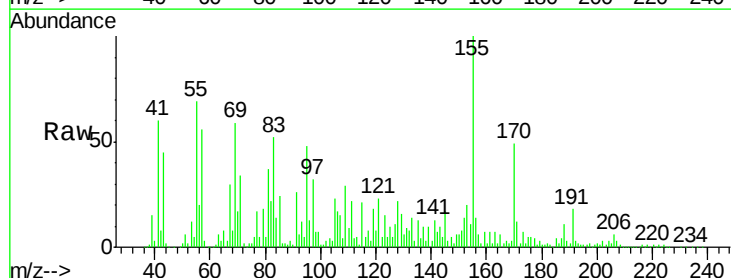
Tgt Ion:139 Resp: 114504

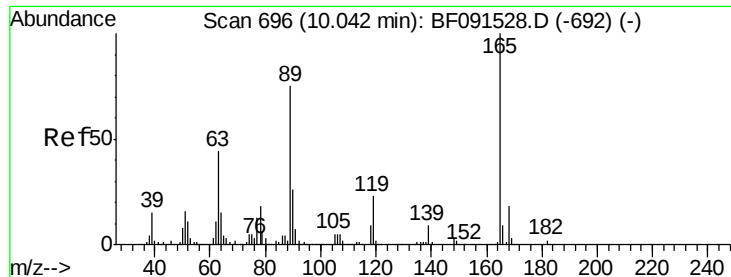
Ion Ratio Lower Upper

139 100

109 291.7 54.9 94.9#

65 79.3 102.2 142.2#

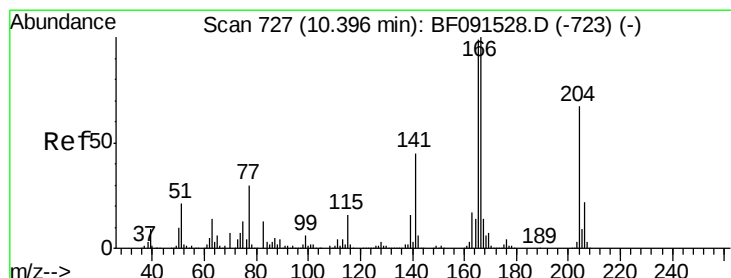
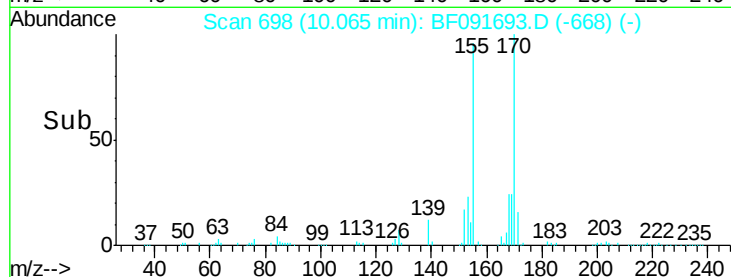
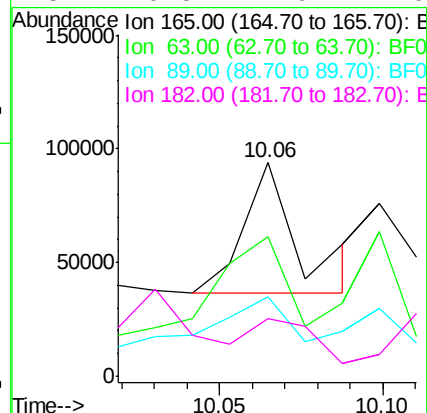
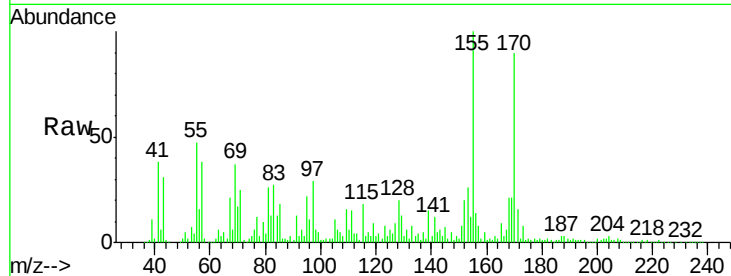




#56
2,4-Dinitrotoluene
Concen: 18.10 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.05 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

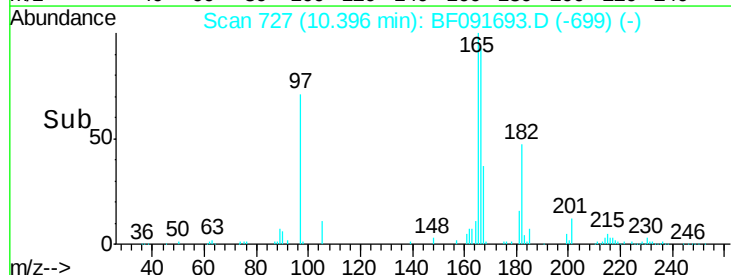
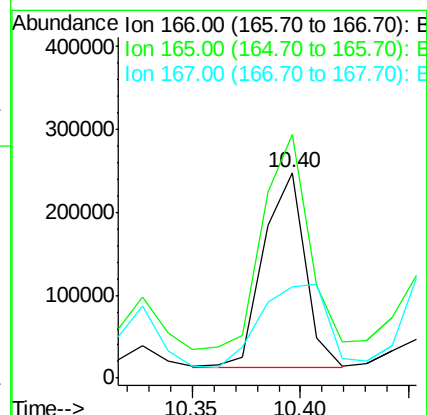
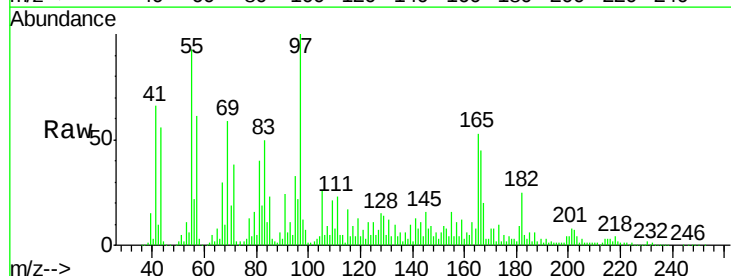
Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

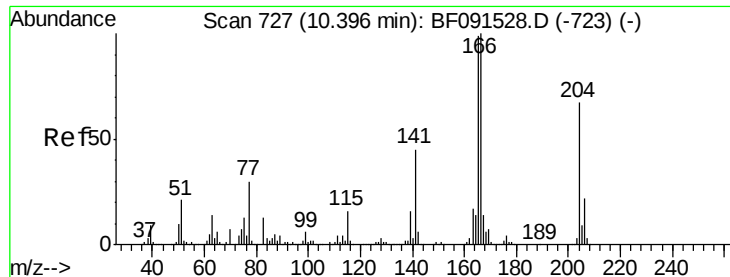
Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.3	29.0	43.4#
89	36.9	43.1	64.7#
182	26.8	1.9	2.9#



#57
Fluorene
Concen: 26.65 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	118.3	80.0	120.0
167	44.1	10.8	16.2#

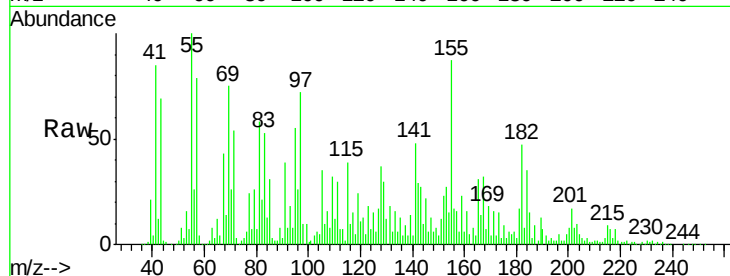




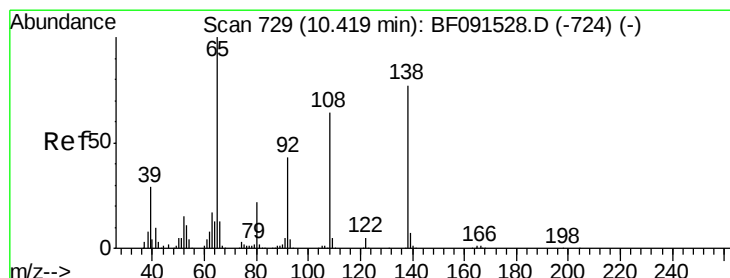
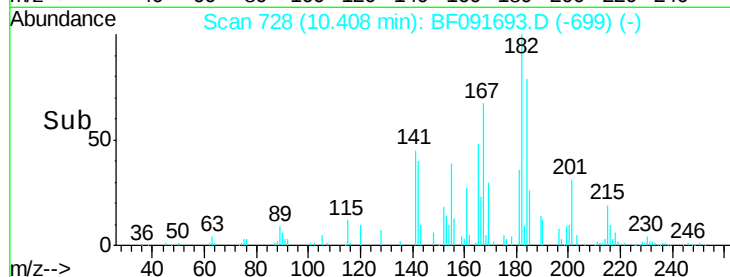
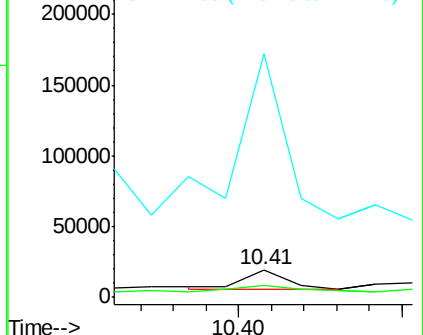
#60
4-Chlorophenyl-phenylether
Concen: 2.20 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.03 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

Tgt Ion: 204 Resp: 12267
Ion Ratio Lower Upper
204 100
206 42.3 26.1 39.1#
141 891.1 40.6 61.0#

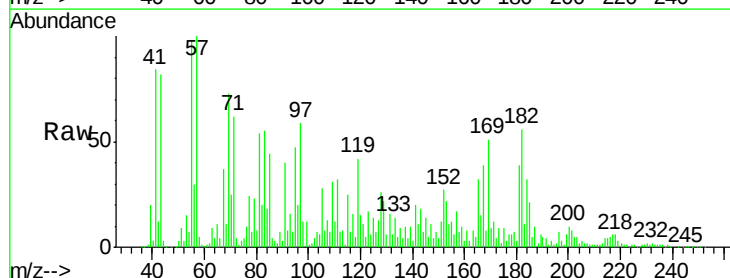


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

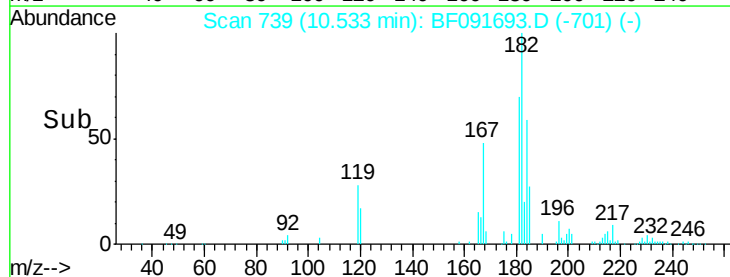
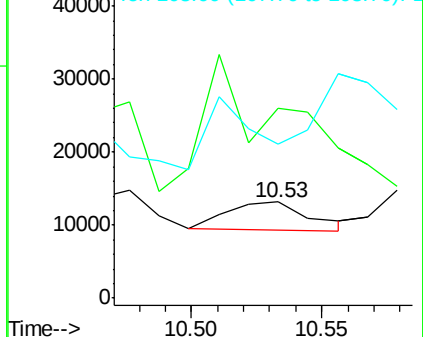


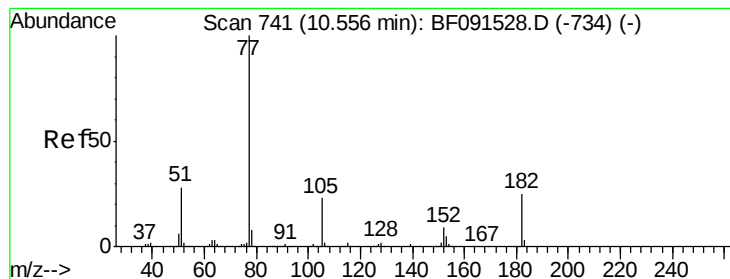
#61
4-Nitroaniline
Concen: 2.48 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.14 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion: 138 Resp: 8498
Ion Ratio Lower Upper
138 100
92 197.2 26.9 66.9#
108 160.6 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: 5.34 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

Tgt Ion: 77 Resp: 77839

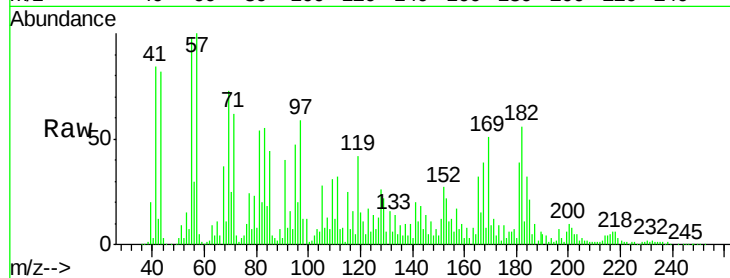
Ion Ratio Lower Upper

77 100

182 230.3 12.5 52.5#

105 115.2 3.7 43.7#

51 37.6 11.9 51.9

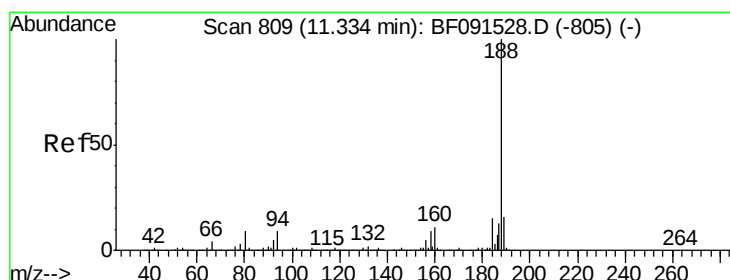
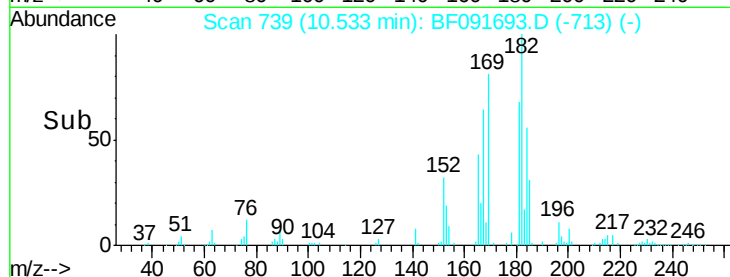
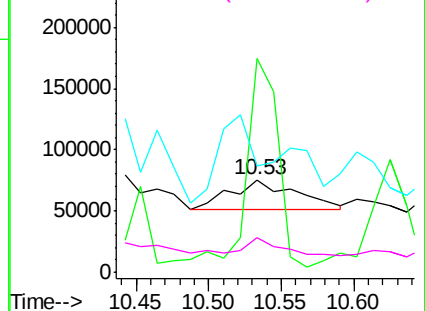


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.41 min Scan# 816

Delta R.T. 0.10 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

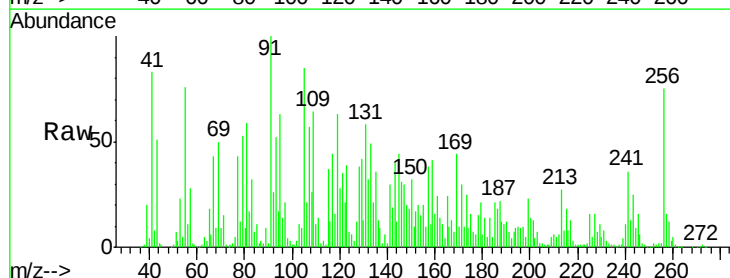
Tgt Ion: 188 Resp: 43126

Ion Ratio Lower Upper

188 100

94 135.4 9.2 13.8#

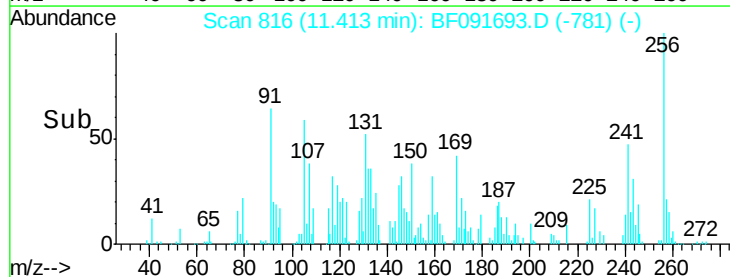
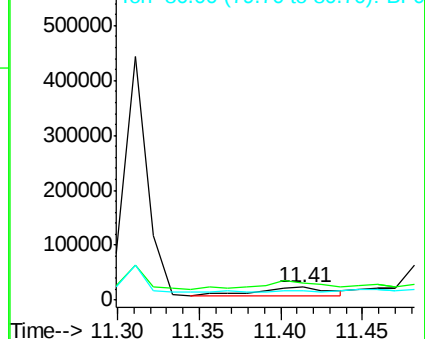
80 75.3 10.5 15.7#

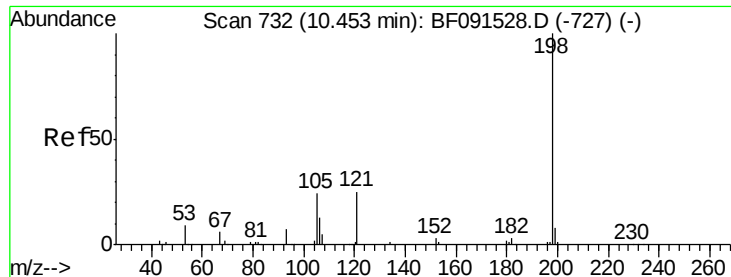


Abundance Ion 188.00 (187.70 to 188.70): E

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: 29.82 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.08 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

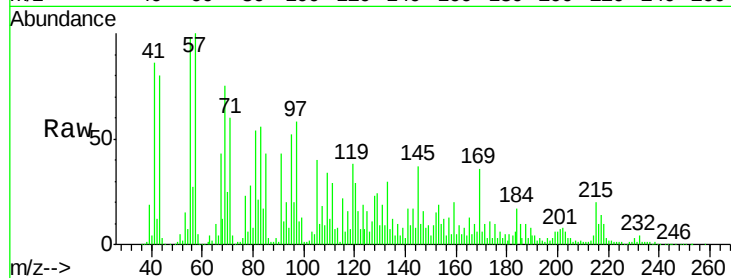
Tgt Ion:198 Resp: 7499

Ion Ratio Lower Upper

198 100

51 187.7 77.1 117.1#

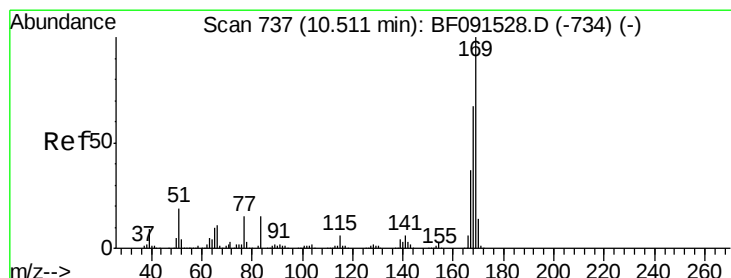
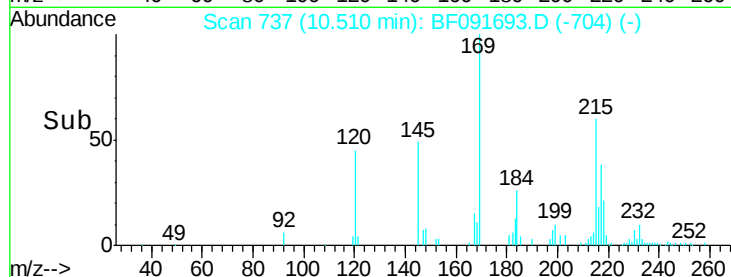
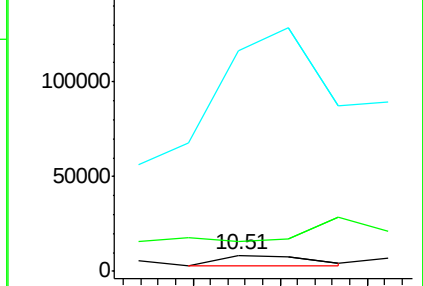
105 1388.3 44.8 84.8#



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: 291.12 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.11 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

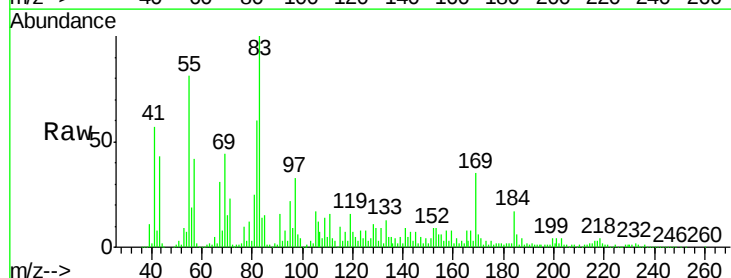
Tgt Ion:169 Resp: 374286

Ion Ratio Lower Upper

169 100

168 9.0 53.8 80.8#

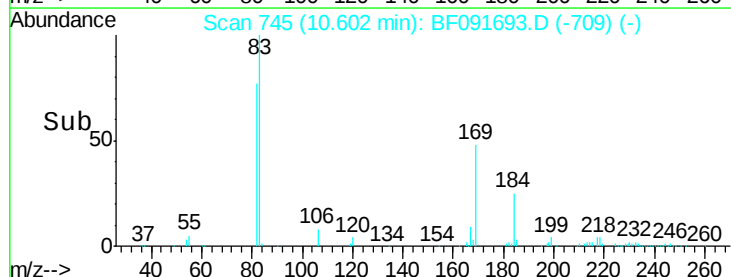
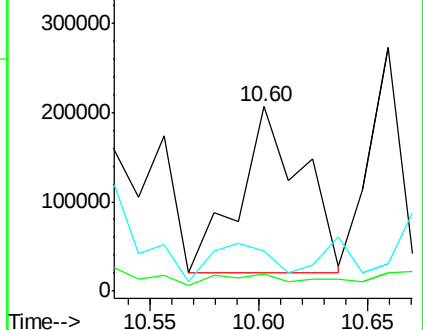
167 22.0 29.8 44.8#

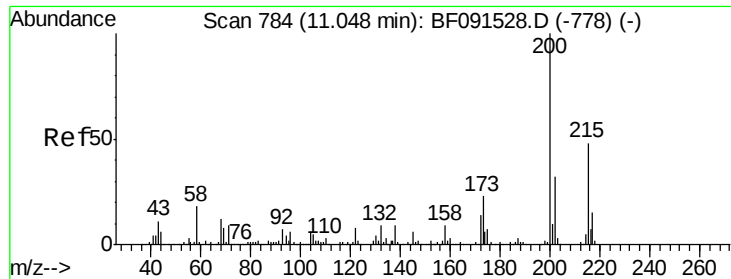


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

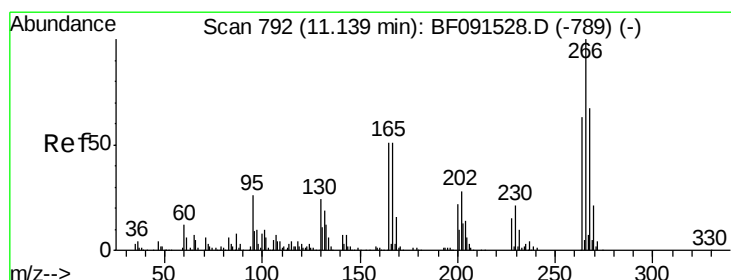
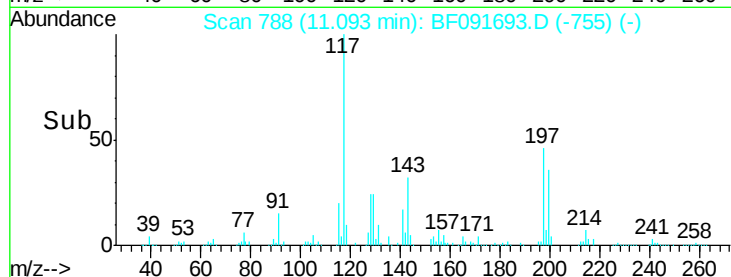
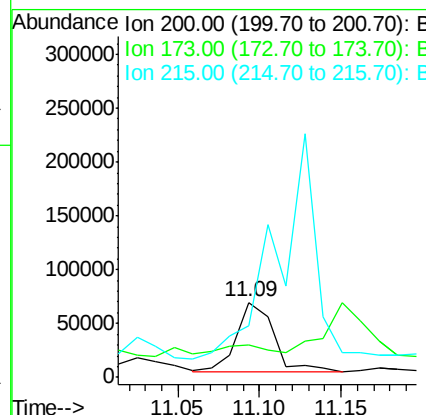
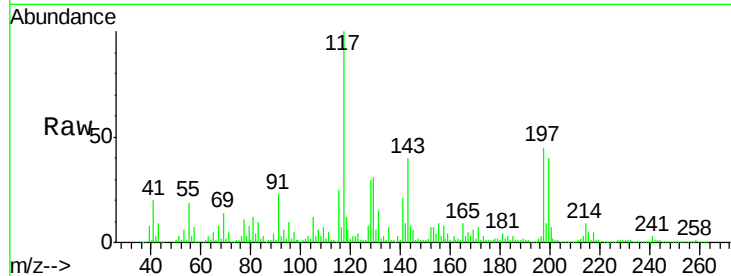




#68
Atrazine
Concen: 246.90 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.08 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

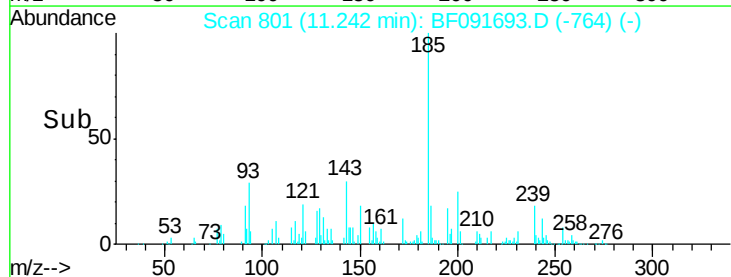
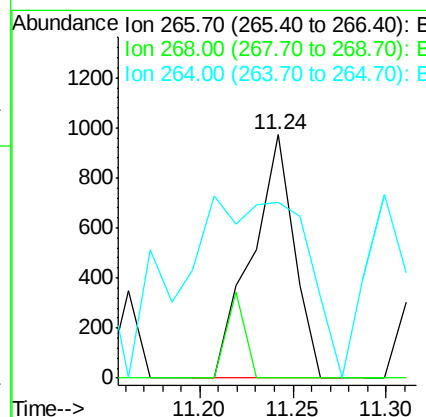
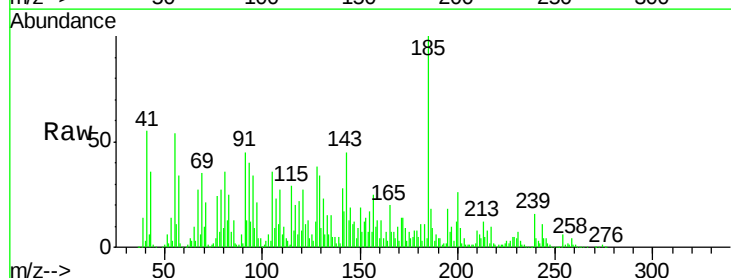
Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

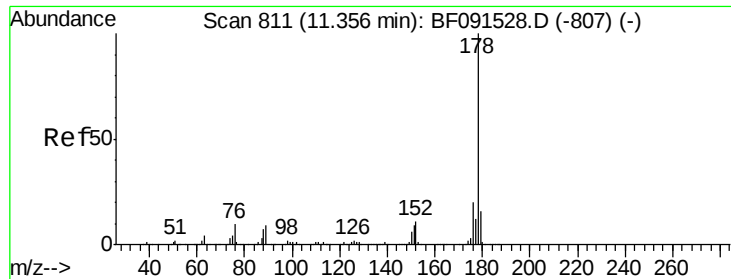
Tgt Ion:200 Resp: 102072
Ion Ratio Lower Upper
200 100
173 42.7 7.8 47.8
215 69.3 24.3 64.3#



#69
Pentachlorophenol
Concen: 5.90 ng
RT: 11.24 min Scan# 801
Delta R.T. 0.13 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion:266 Resp: 1527
Ion Ratio Lower Upper
266 100
268 0.0 50.3 75.5#
264 72.3 48.2 72.2#





#70

Phenanthrene

Concen: 60.16 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.13 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

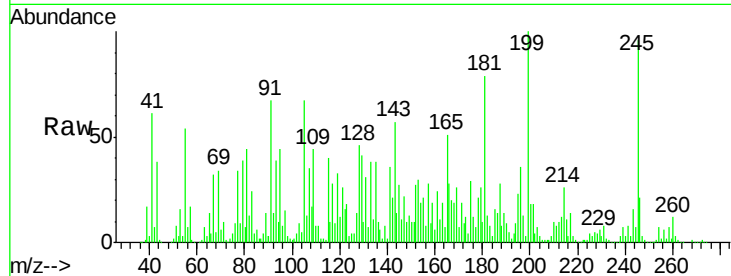
Tgt Ion:178 Resp: 128478

Ion Ratio Lower Upper

178 100

176 57.9 15.9 23.9#

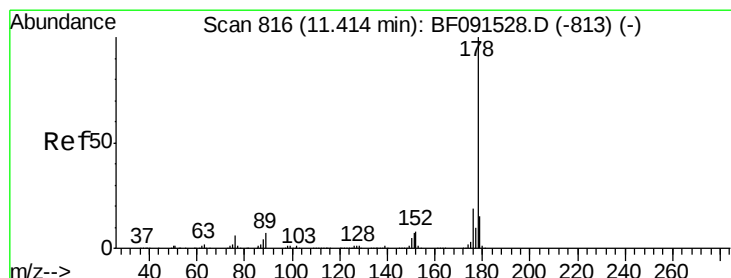
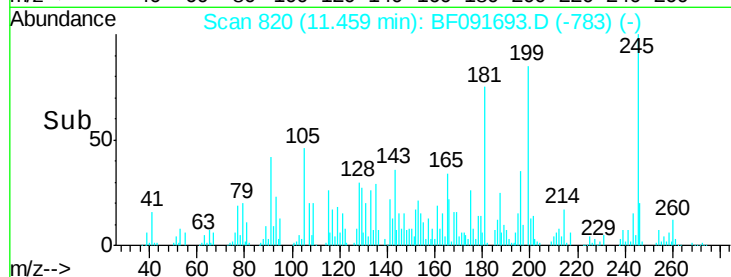
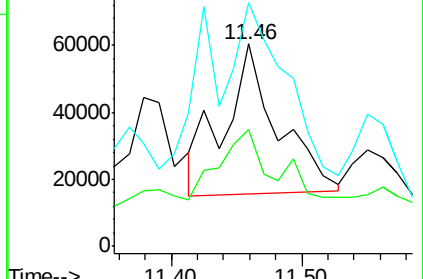
179 120.4 12.6 18.8#



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: 60.24 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.08 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

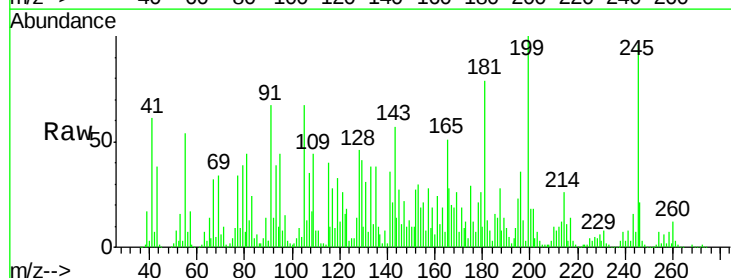
Tgt Ion:178 Resp: 138763

Ion Ratio Lower Upper

178 100

176 57.9 15.8 23.6#

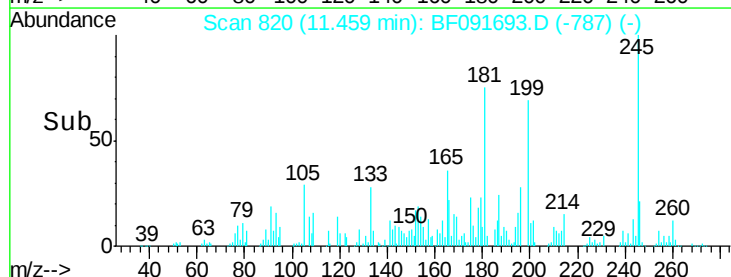
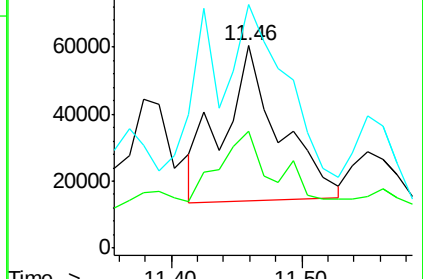
179 120.4 12.7 19.1#

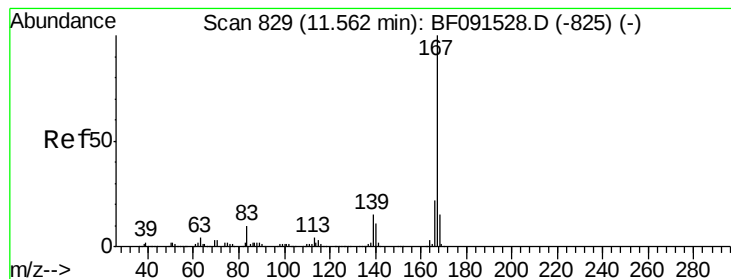


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 7.75 ng

RT: 11.64 min Scan# 836

Delta R.T. 0.10 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

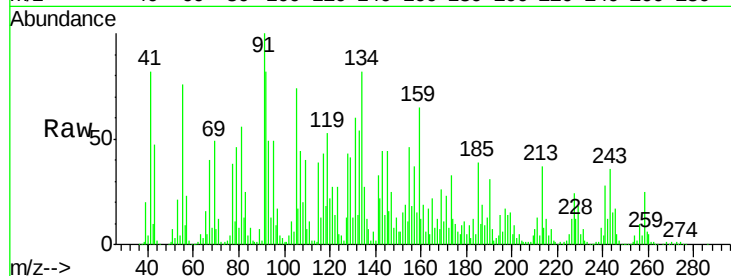
Tgt Ion:167 Resp: 15646

Ion Ratio Lower Upper

167 100

166 69.0 18.1 27.1#

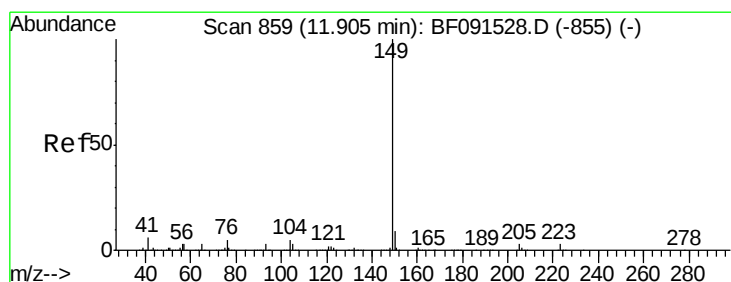
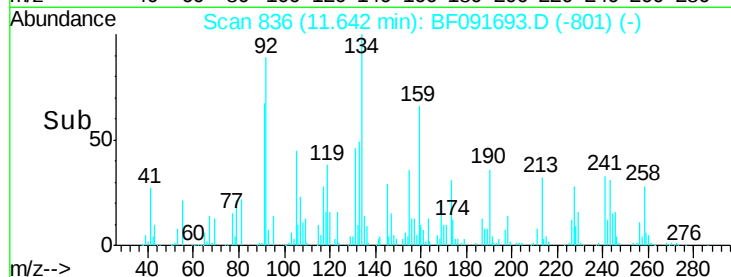
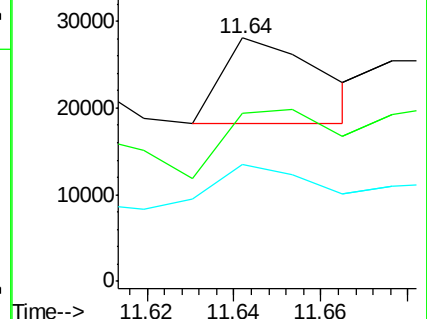
139 48.2 11.5 17.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 19.20 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.07 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

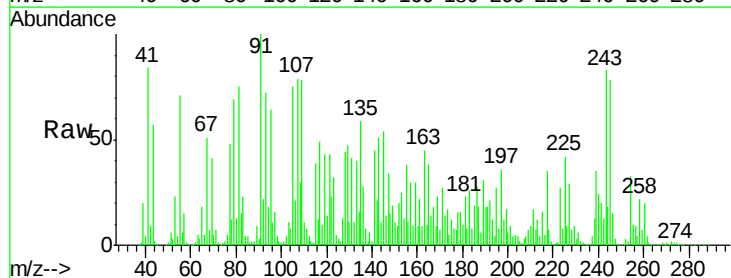
Tgt Ion:149 Resp: 45177

Ion Ratio Lower Upper

149 100

150 59.2 7.5 11.3#

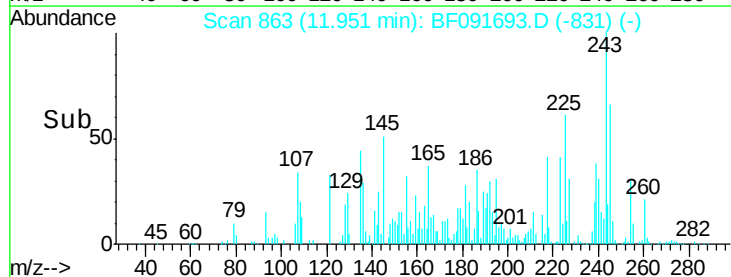
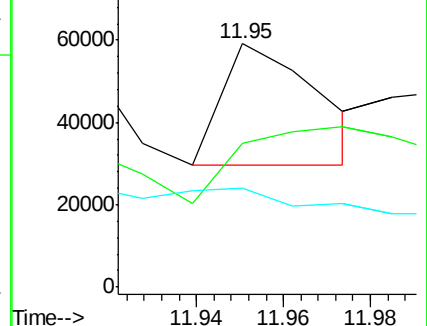
104 40.5 4.0 6.0#

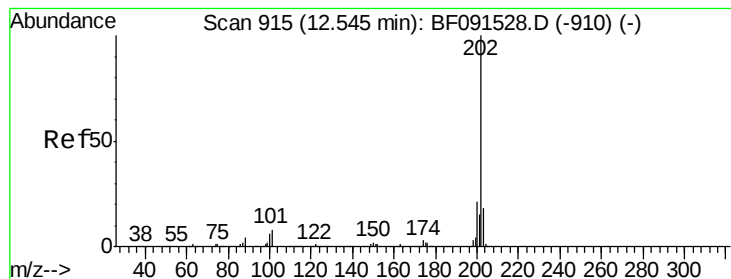


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.67 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-47(8-9.5)-12-14-16

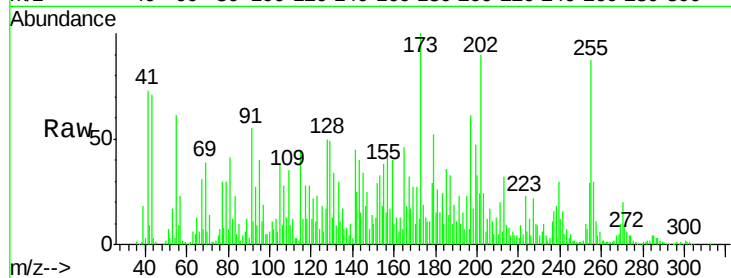
Tgt Ion:202 Resp: 82004

Ion Ratio Lower Upper

202 100

101 12.4 0.0 29.5

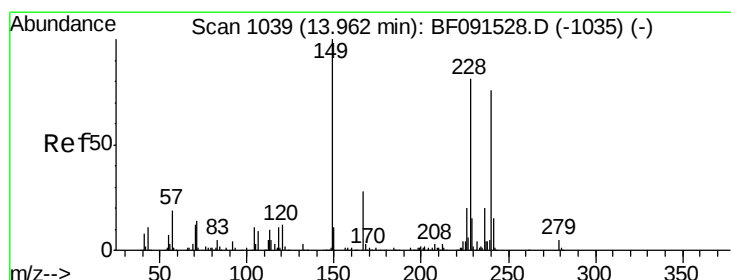
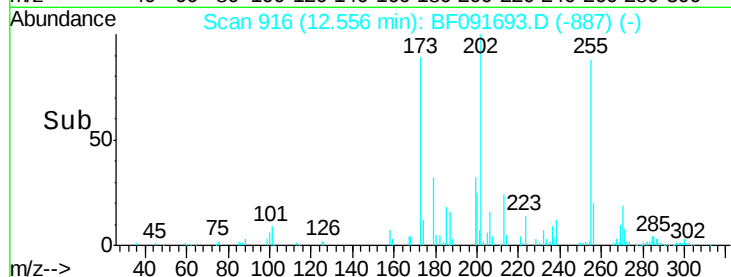
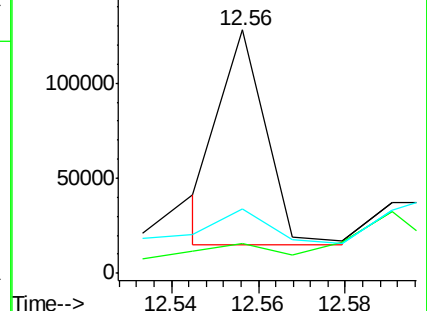
203 26.6 0.0 37.8



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: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF091693.D

Acq: 17 Dec 2016 00:40

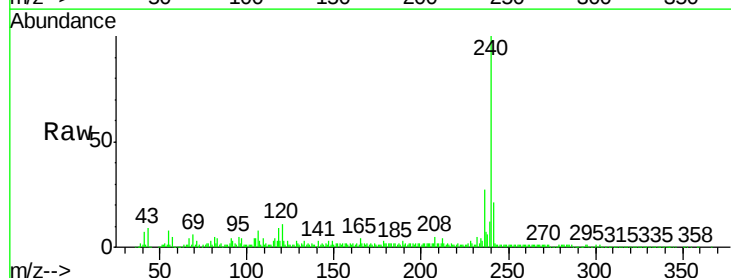
Tgt Ion:240 Resp: 475242

Ion Ratio Lower Upper

240 100

120 10.7 12.1 18.1#

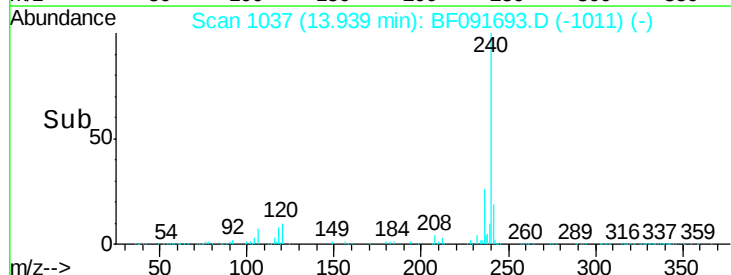
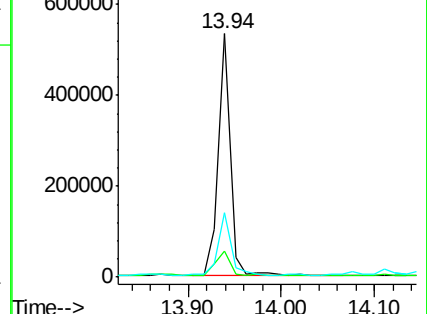
236 26.6 21.0 31.6

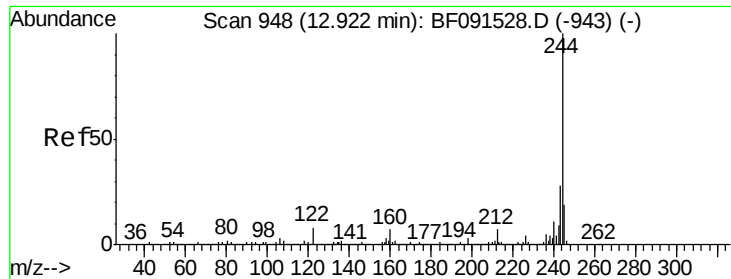


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

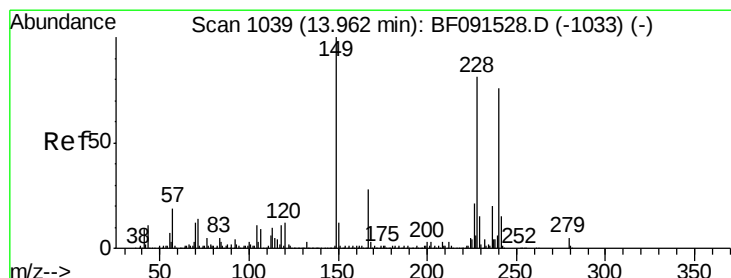
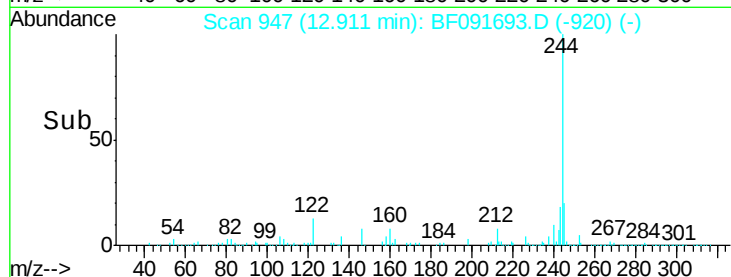
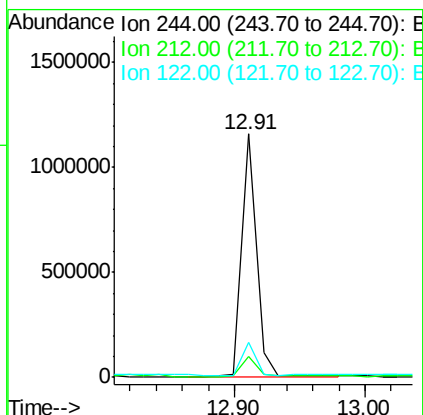
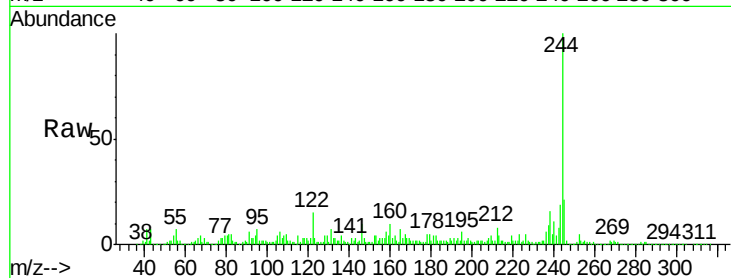




#78
 Terphenyl-d14
 Concen: 42.92 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

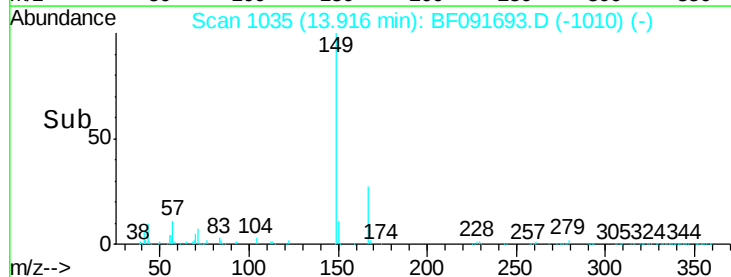
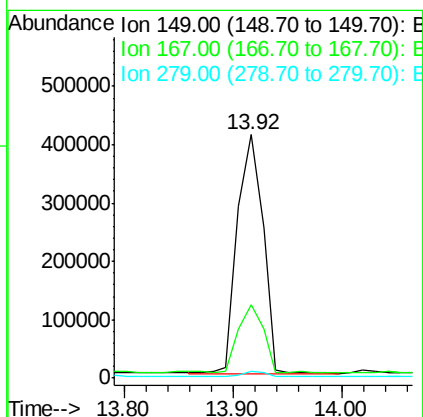
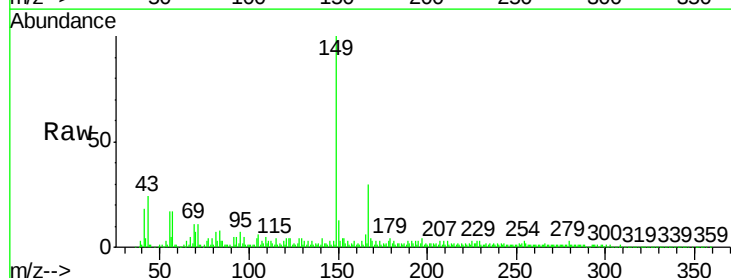
Instrument :
 BNA_F
 ClientSampleId :
 SB-47(8-9.5)-12-14-16

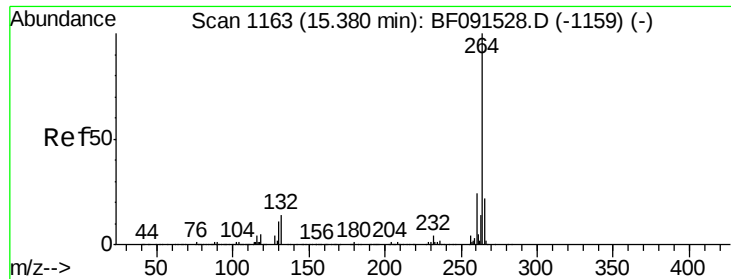
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	14.6	9.5	14.3#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.34 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091693.D
 Acq: 17 Dec 2016 00:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	19.6	29.4#
279	2.6	1.9	2.9



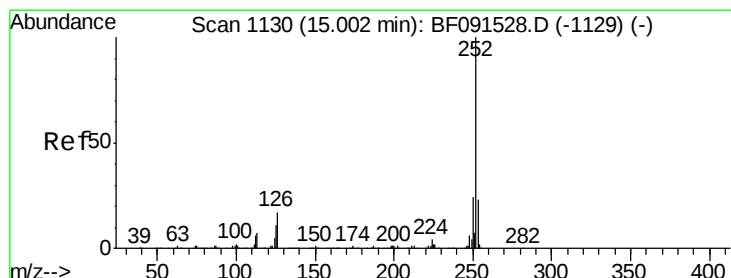
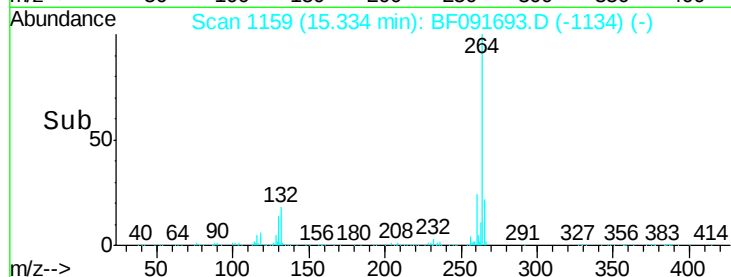
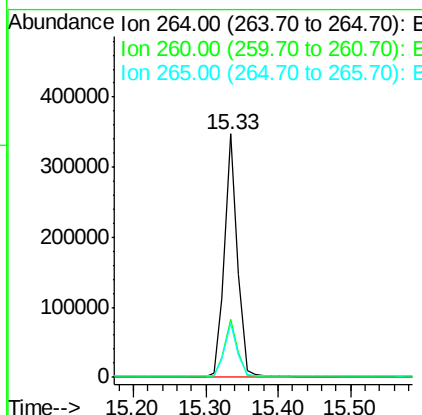
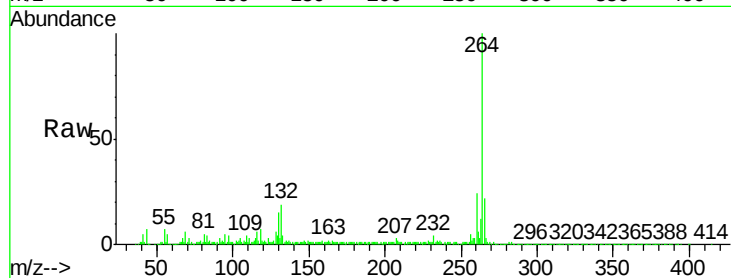


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SB-47(8-9.5)-12-14-16

Tgt Ion: 264 Resp: 432931

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.3	17.0	25.6



#88
Benzo(k)fluoranthene
Concen: 2.13 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF091693.D
Acq: 17 Dec 2016 00:40

Tgt Ion: 252 Resp: 48227

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.8	26.8#
125	36.1	9.6	14.4#

