

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091694.D
 Acq On : 17 Dec 2016 1:08
 Operator : UM/SJ
 Sample : H6125-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(8-9)-12-14-16

Quant Time: Dec 17 04:06:05 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	137560	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	363162	20.00	ng	0.03
38) Acenaphthene-d10	9.87	164	147097	20.00	ng	0.05
63) Phenanthrene-d10	11.31	188	481448	20.00	ng	0.00
75) Chrysene-d12	13.94	240	479092	20.00	ng	0.00
86) Perylene-d12	15.33	264	208779	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1358523	166.38	ng	0.00
7) Phenol-d6	6.43	99	1605169	157.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	942875	144.91	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	216779	177.43	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	553964	65.07	ng	0.05
78) Terphenyl-d14	12.90	244	821956	38.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.01	42	11174	2.27	ng	# 5
6) Aniline	6.46	93	49987	3.75	ng	# 1
9) Benzaldehyde	6.33	77	86572	12.36	ng	# 27
10) Phenol	6.44	94	116267	9.77	ng	# 70
11) bis(2-Chloroethyl)ether	6.57	93	19694	2.20	ng	# 1
15) Benzyl Alcohol	6.85	79	227866	28.35	ng	# 24
18) Hexachloroethane	7.39	117	2046416	531.92	ng	# 36
19) n-Nitroso-di-n-propylamine	7.24	70	131816	20.71	ng	# 62
20) 3+4-Methylphenols	7.22	107	16911	Below Cal		# 1
22) Acetophenone	7.21	105	780973	89.76	ng	# 56
24) Nitrobenzene	7.37	77	451971	65.74	ng	# 54
25) Isophorone	7.65	82	1004406	86.83	ng	# 1
26) 2-Nitrophenol	7.66	139	128905	42.49	ng	# 1
27) 2,4-Dimethylphenol	7.77	122	108243	20.31	ng	# 9
28) bis(2-Chloroethoxy)methane	7.93	93	177914	26.22	ng	# 1
29) 2,4-Dichlorophenol	7.96	162	82073	17.70	ng	# 1
30) 1,2,4-Trichlorobenzene	8.02	180	50724	9.63	ng	# 73
31) Naphthalene	8.12	128	309287	18.30	ng	# 1
32) Benzoic acid	7.92	122	68526	20.99	ng	# 1
33) 4-Chloroaniline	8.16	127	70764	9.72	ng	# 1
35) Caprolactam	8.59	113	804789	594.34	ng	# 61
36) 4-Chloro-3-methylphenol	8.67	107	102843	19.78	ng	# 32
37) 2-Methylnaphthalene	8.85	142	2578466	235.77	ng	# 95
42) 2,4,6-Trichlorophenol	9.12	196	31737	12.24	ng	# 14
43) 2,4,5-Trichlorophenol	9.12	196	31737	11.91	ng	# 1
45) 1,1'-Biphenyl	9.05	154	49825	4.68	ng	# 71
47) 2-Nitroaniline	9.42	65	116681	42.06	ng	# 1
48) Acenaphthylene	9.73	152	74889	5.95	ng	# 1
49) Dimethylphthalate	9.57	163	129414	13.89	ng	# 62
50) 2,6-Dinitrotoluene	9.65	165	92393	45.20	ng	# 68
51) Acenaphthene	9.89	154	74984	8.58	ng	# 46
52) 3-Nitroaniline	9.82	138	50192	20.90	ng	# 45
53) 2,4-Dinitrophenol	9.90	184	2106	4.84	ng	# 1
54) Dibenzofuran	10.06	168	210356	19.46	ng	# 13

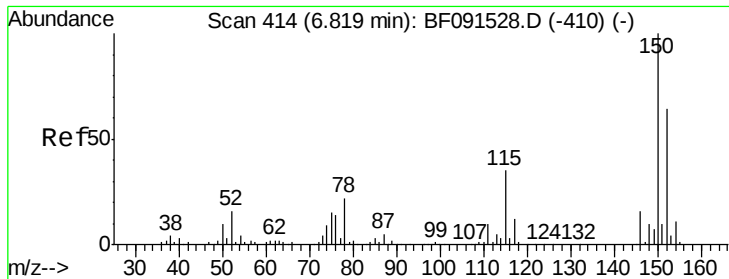
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 4-Nitrophenol	9.97	139	105296	58.93	ng	# 1
56) 2,4-Dinitrotoluene	10.06	165	66820	26.08	ng	# 62
57) Fluorene	10.40	166	288023	36.34	ng	# 82
58) 2,3,4,6-Tetrachlorophenol	10.17	232	9947	4.77	ng	# 1
60) 4-Chlorophenyl-phenylether	10.41	204	11741	3.02	ng	# 1
61) 4-Nitroaniline	10.53	138	9579	4.01	ng	# 1
62) Azobenzene	10.53	77	79881	7.86	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.38	198	11206	6.54	ng	# 1
65) n-Nitrosodiphenylamine	10.50	169	370449	25.81	ng	# 45
68) Atrazine	11.09	200	63561	13.77	ng	# 69
70) Phenanthrene	11.33	178	342988	14.39	ng	# 96
71) Anthracene	11.38	178	63108	2.45	ng	# 62
73) Di-n-butylphthalate	11.89	149	121314	4.62	ng	# 4
74) Fluoranthene	12.53	202	243403	9.75	ng	# 91
77) Pyrene	12.75	202	182750	4.81	ng	# 84
80) Benzo(a)anthracene	13.93	228	78571	2.82	ng	# 85
82) Chrysene	13.93	228	77858	2.67	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.92	149	199756	10.51	ng	# 81
87) Benzo(b)fluoranthene	14.95	252	56985	4.58	ng	# 64
88) Benzo(k)fluoranthene	14.95	252	56985	5.21	ng	# 63

(#) = 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: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

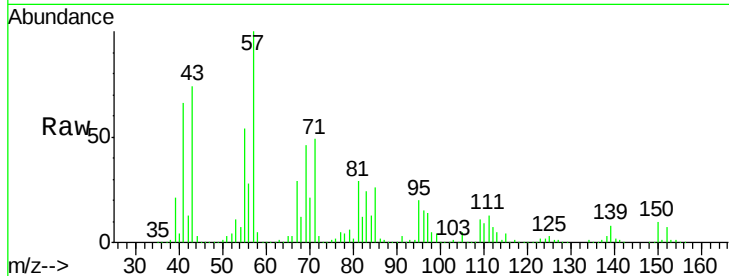
Tgt Ion:152 Resp: 137560

Ion Ratio Lower Upper

152 100

150 147.3 122.5 183.7

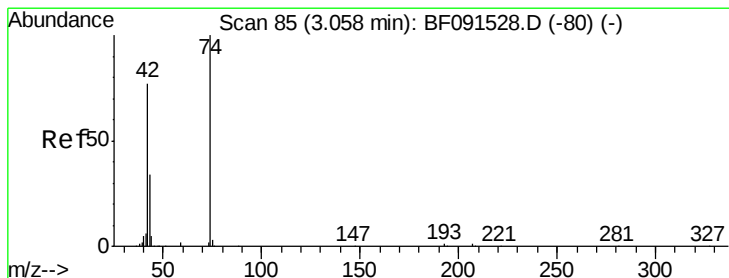
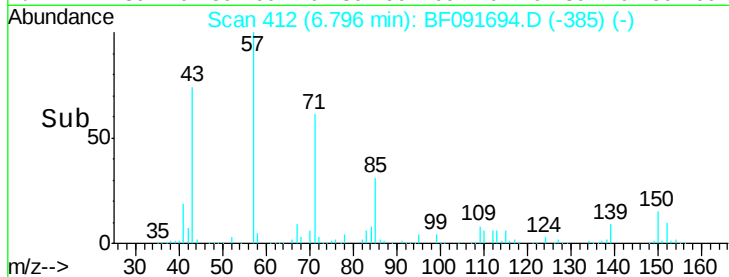
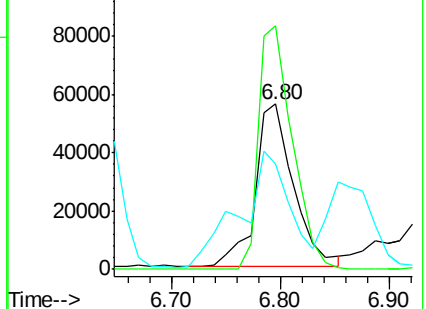
115 63.7 51.8 77.8



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



#4

n-Nitrosodimethylamine

Concen: 2.27 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.03 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

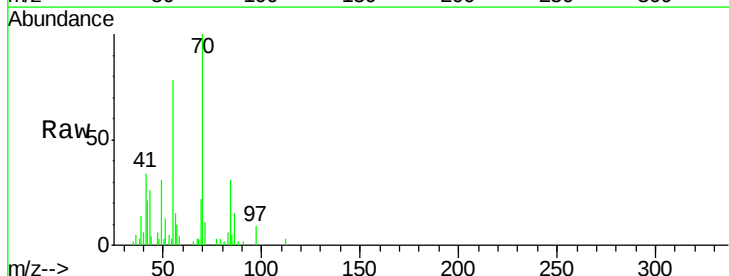
Tgt Ion: 42 Resp: 11174

Ion Ratio Lower Upper

42 100

74 0.0 78.9 118.3#

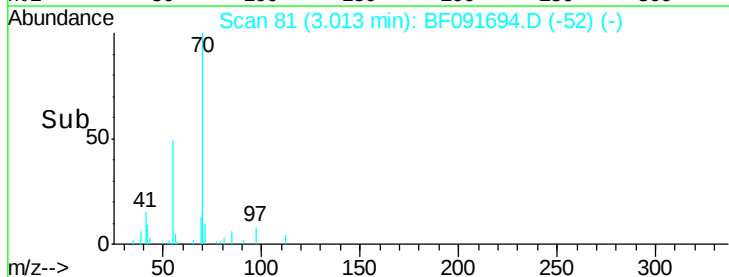
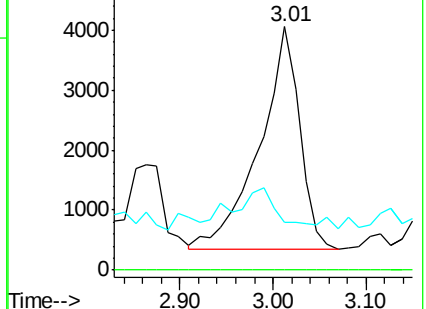
44 19.8 5.8 8.6#

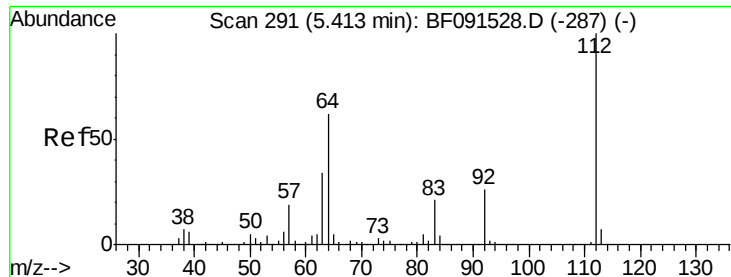


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 166.38 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

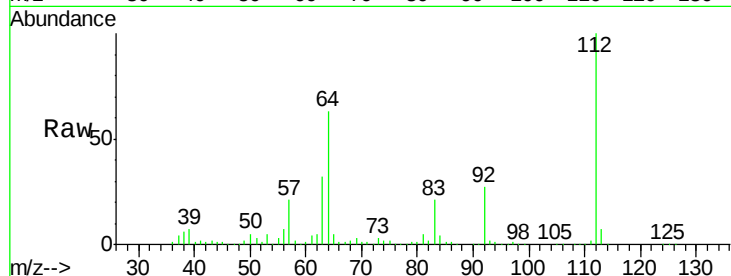
Tgt Ion:112 Resp: 1358523

Ion Ratio Lower Upper

112 100

64 62.8 61.5 92.3

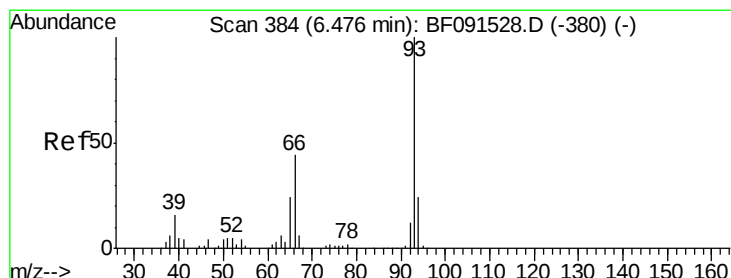
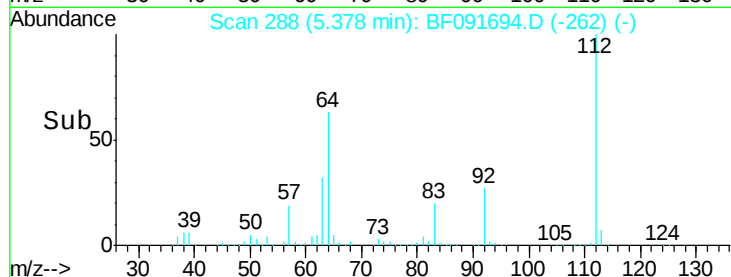
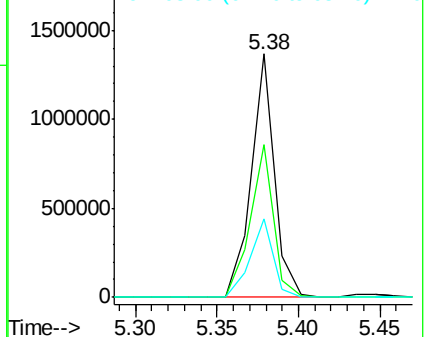
63 32.4 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 3.75 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

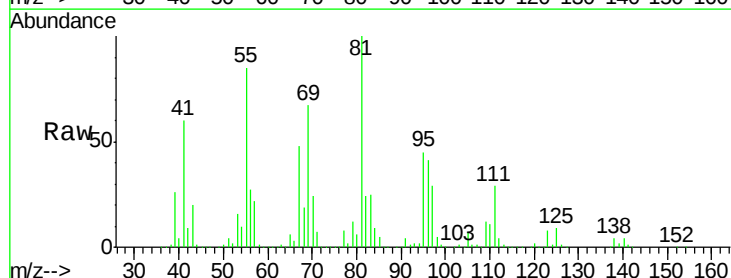
Tgt Ion: 93 Resp: 49987

Ion Ratio Lower Upper

93 100

66 146.1 55.8 83.6#

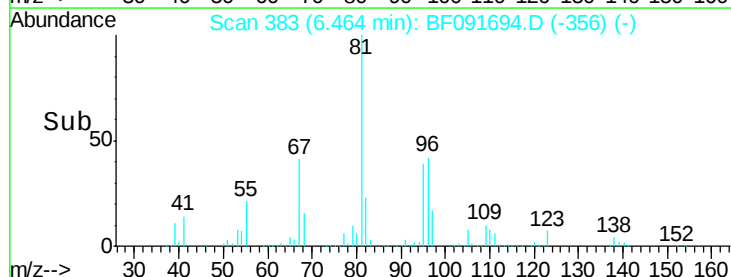
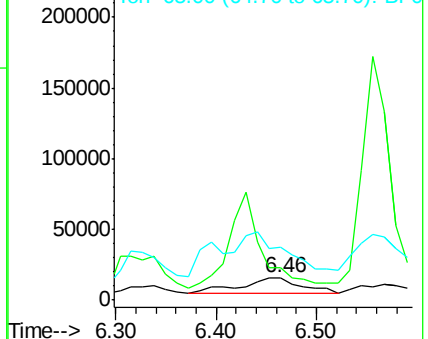
65 235.6 29.9 44.9#

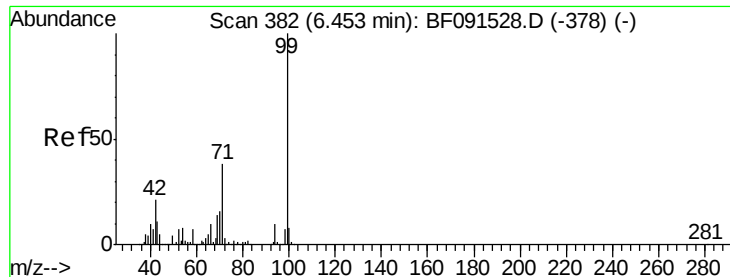


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 157.69 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

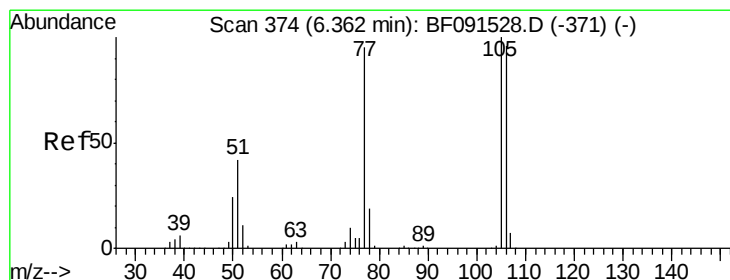
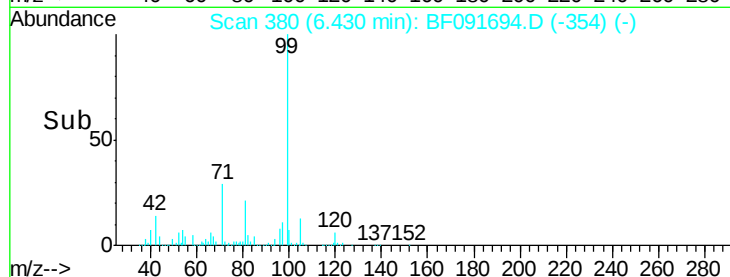
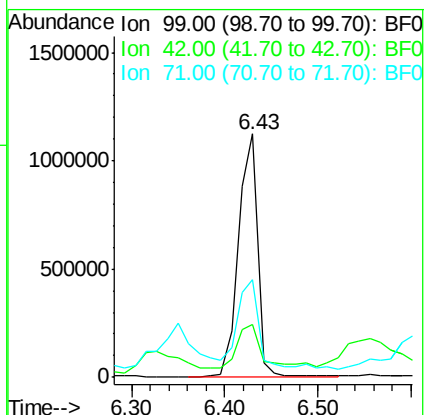
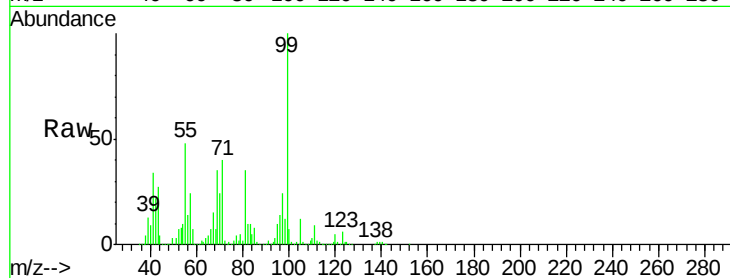
Tgt Ion: 99 Resp: 1605169

Ion Ratio Lower Upper

99 100

42 21.7 20.6 31.0

71 40.2 29.9 44.9



#9

Benzaldehyde

Concen: 12.36 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

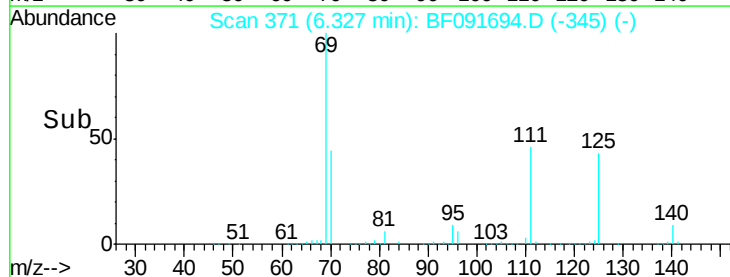
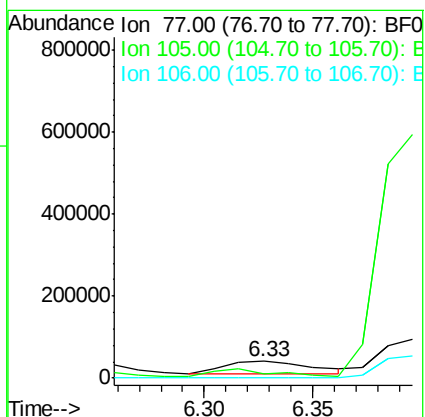
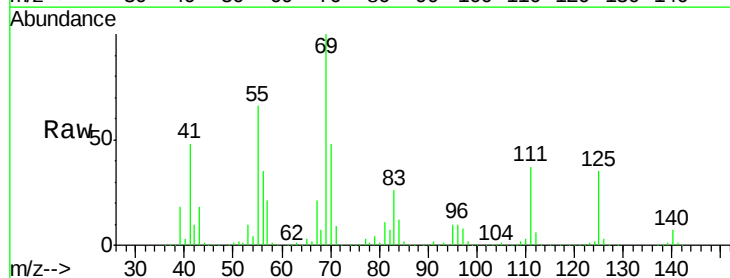
Tgt Ion: 77 Resp: 86572

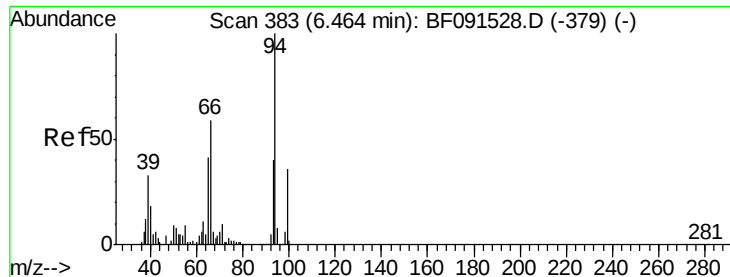
Ion Ratio Lower Upper

77 100

105 29.8 66.4 106.4#

106 4.4 60.9 100.9#





#10

Phenol

Concen: 9.77 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF091694.D

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ClientSampleId :

SB-45(8-9)-12-14-16

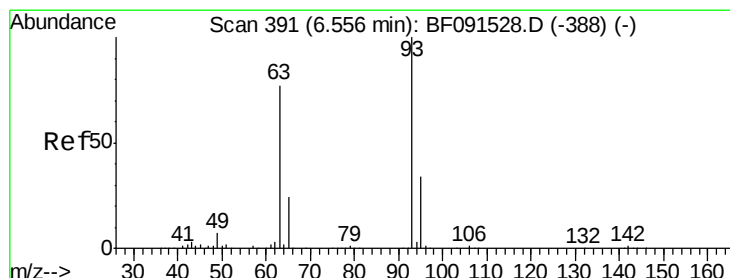
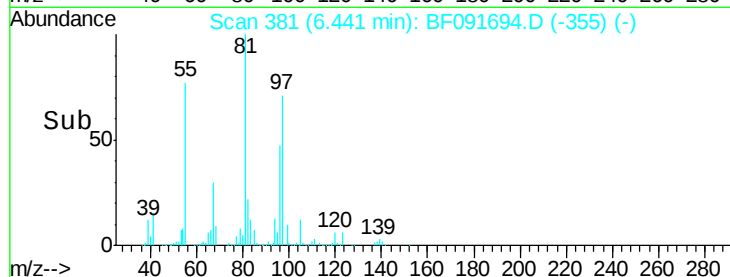
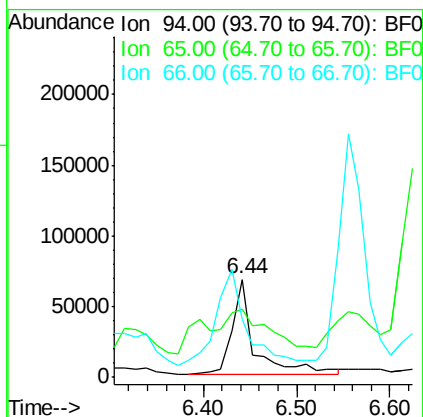
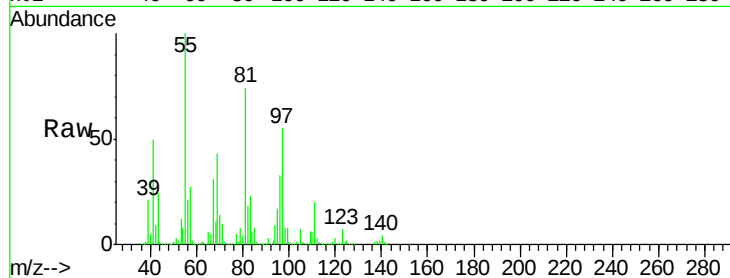
Tgt Ion: 94 Resp: 116267

Ion Ratio Lower Upper

94 100

65 69.6 16.9 56.9#

66 58.8 30.6 70.6



#11

bis(2-Chloroethyl)ether

Concen: 2.20 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.05 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

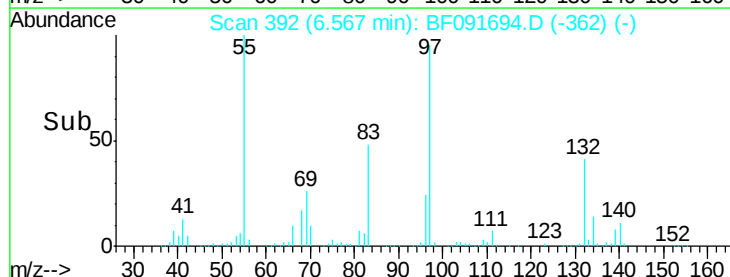
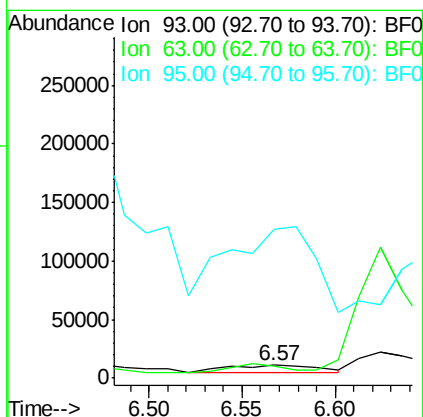
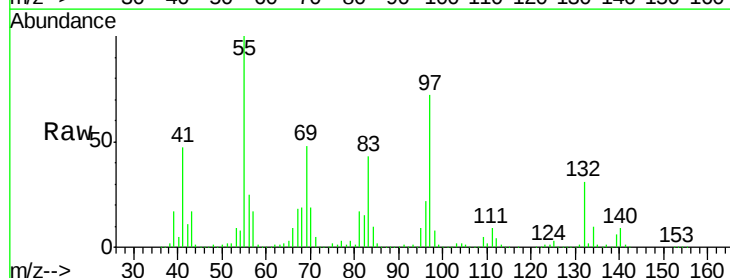
Tgt Ion: 93 Resp: 19694

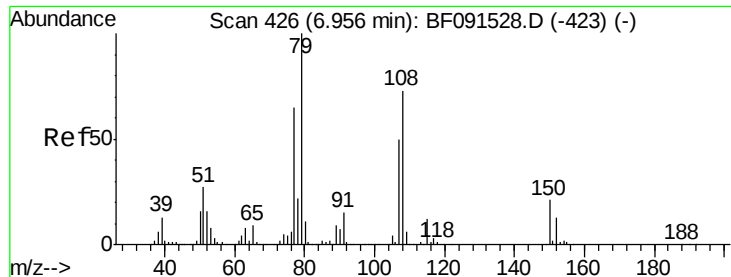
Ion Ratio Lower Upper

93 100

63 95.1 74.8 114.8

95 1134.3 12.4 52.4#





#15

Benzyl Alcohol

Concen: 28.35 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.08 min

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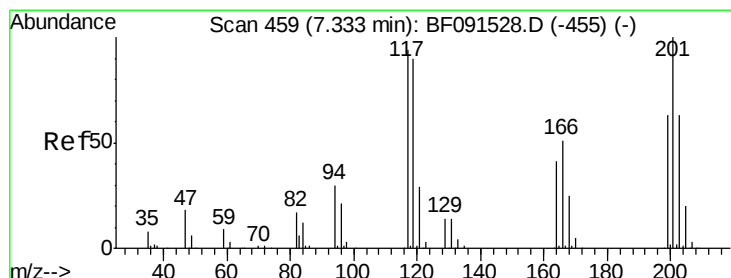
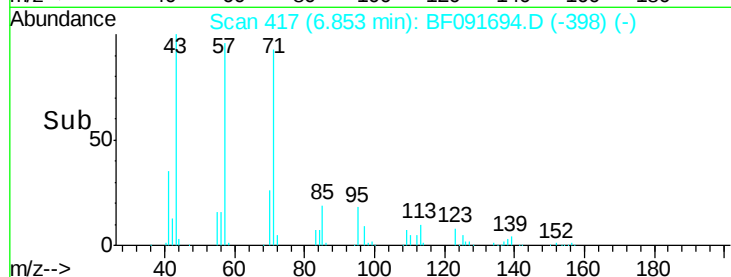
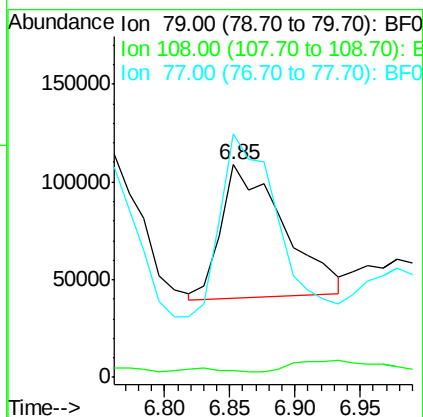
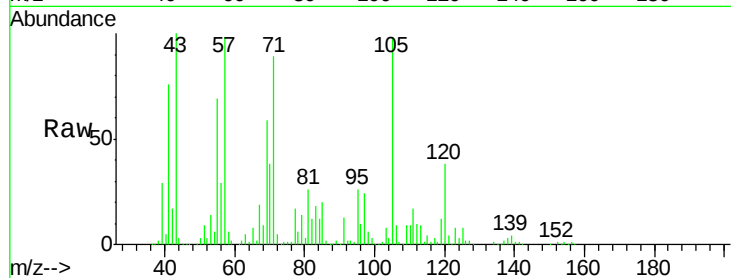
Tgt Ion: 79 Resp: 227866

Ion Ratio Lower Upper

79 100

108 3.3 62.7 94.1#

77 114.5 51.7 77.5#



#18

Hexachloroethane

Concen: 531.92 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.09 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

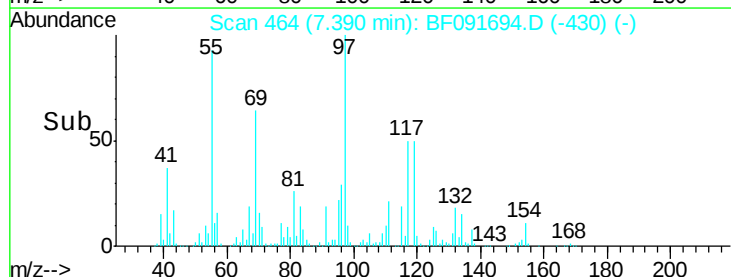
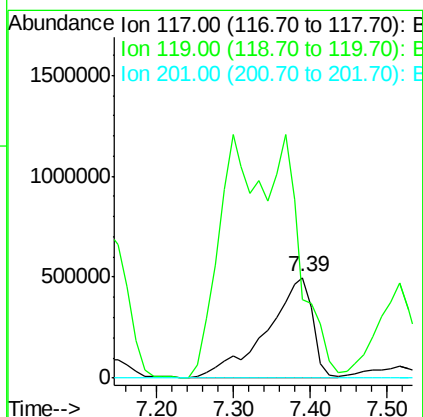
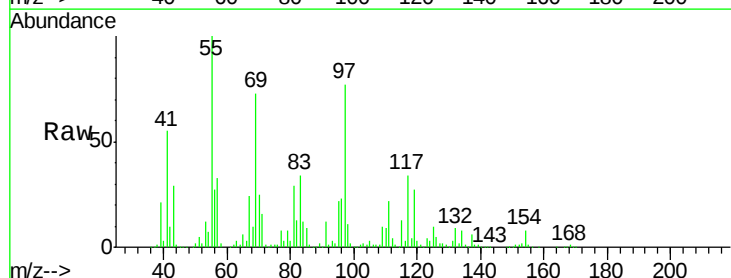
Tgt Ion: 117 Resp: 2046416

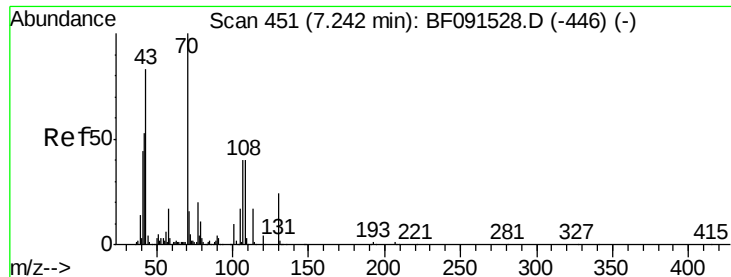
Ion Ratio Lower Upper

117 100

119 78.9 78.6 118.0

201 0.0 86.7 130.1#

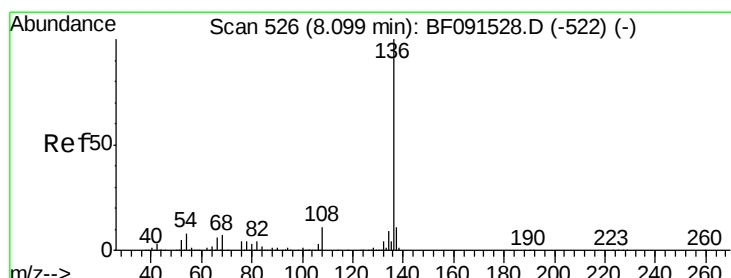
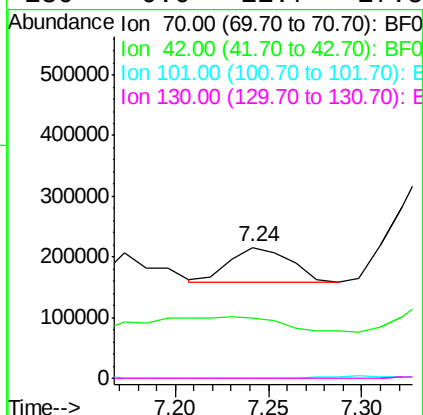
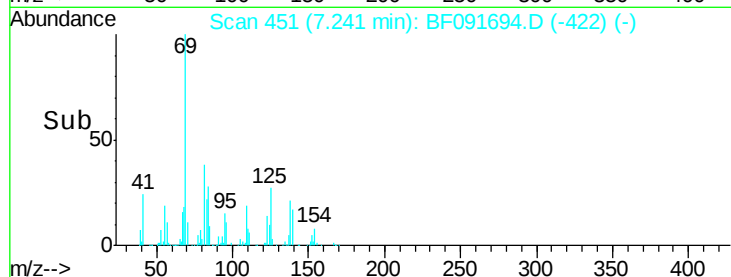
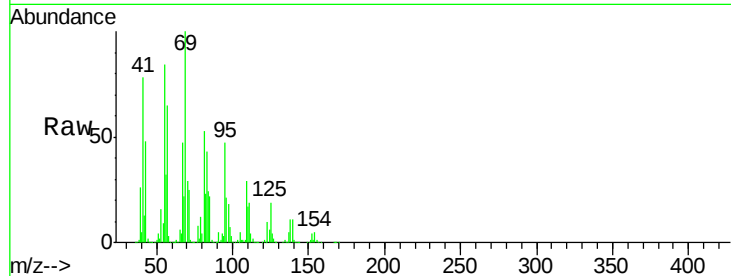




#19
n-Nitroso-di-n-propylamine
Concen: 20.71 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.03 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

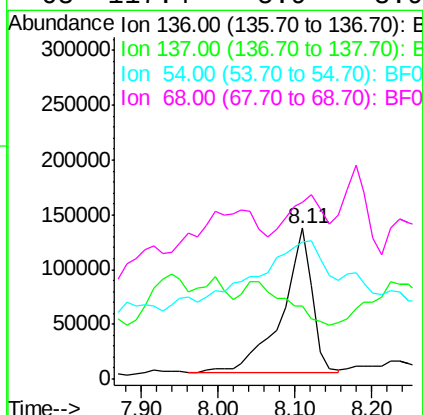
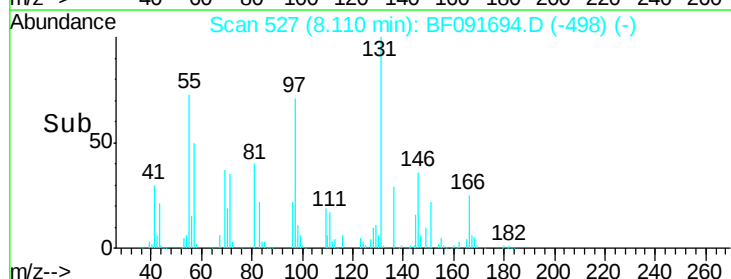
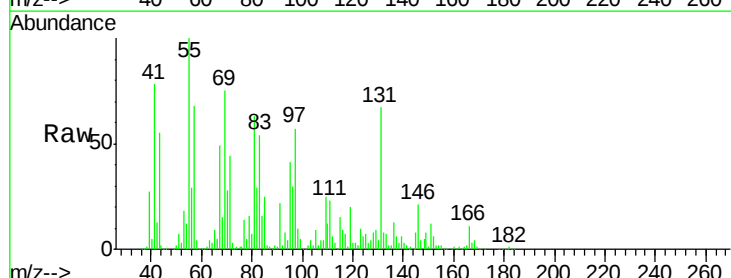
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

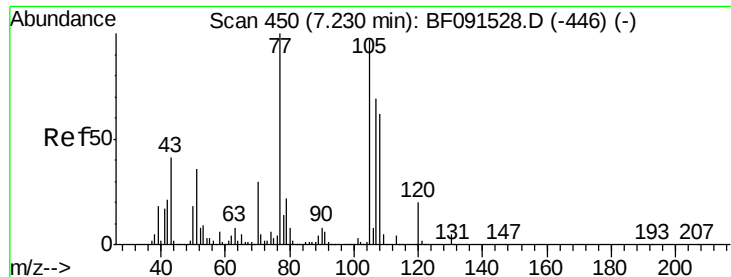
Tgt Ion: 70 Resp: 131816
Ion Ratio Lower Upper
70 100
42 45.5 64.8 97.2#
101 0.0 6.2 9.4#
130 0.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.03 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion: 136 Resp: 363162
Ion Ratio Lower Upper
136 100
137 48.5 9.1 13.7#
54 90.6 9.1 13.7#
68 117.4 5.9 8.9#

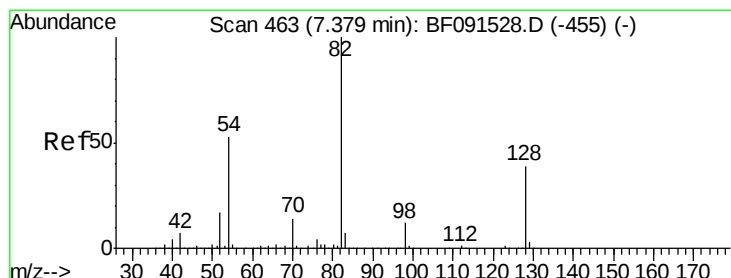
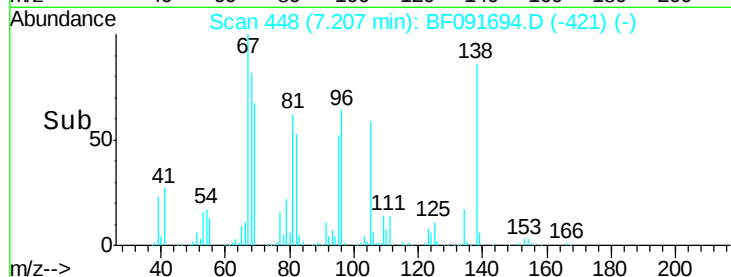
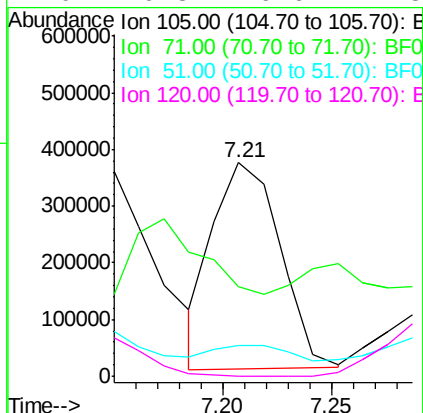
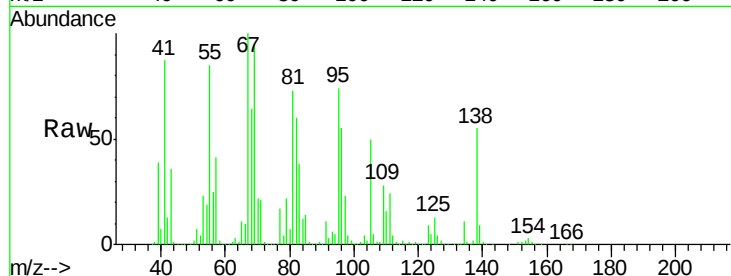




#22
Acetophenone
Concen: 89.76 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

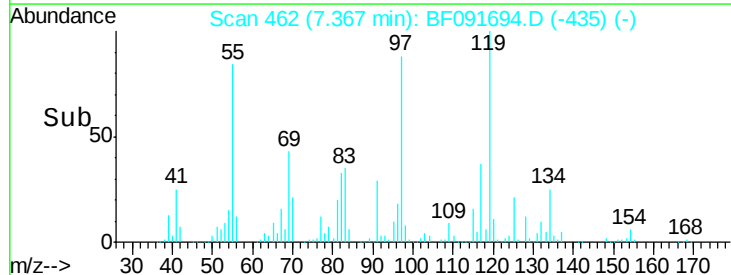
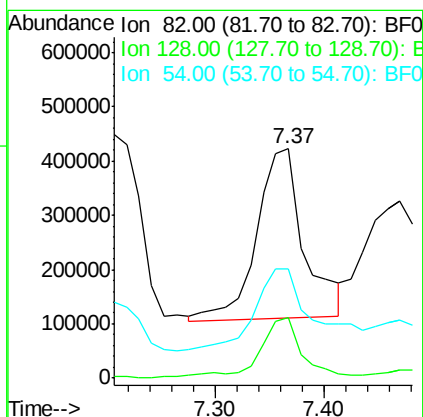
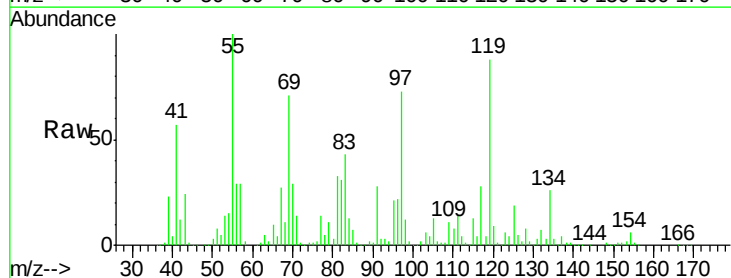
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

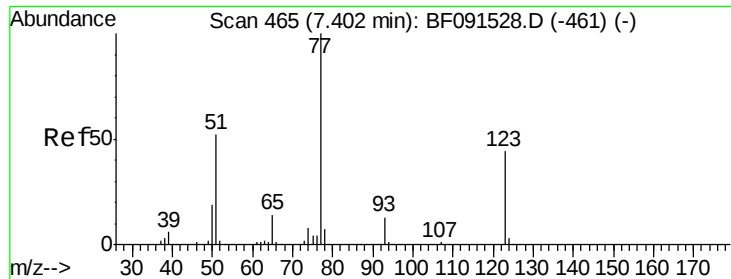
Tgt Ion: 105 Resp: 780973
Ion Ratio Lower Upper
105 100
71 41.9 7.9 11.9#
51 14.5 24.5 36.7#
120 0.3 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 144.91 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion: 82 Resp: 942875
Ion Ratio Lower Upper
82 100
128 26.4 31.8 47.6#
54 47.9 49.1 73.7#

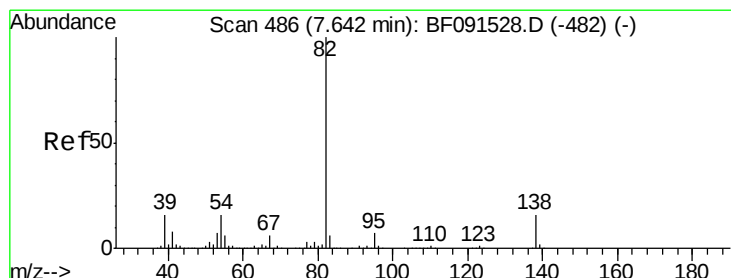
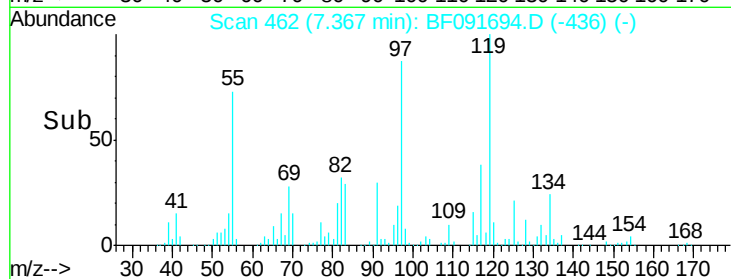
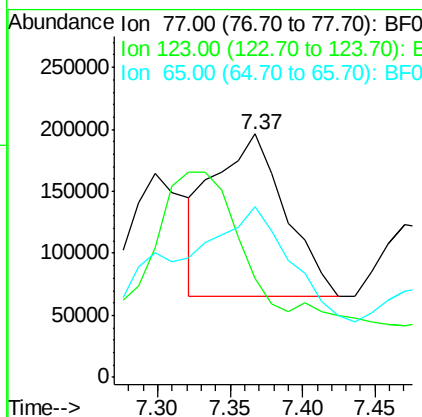
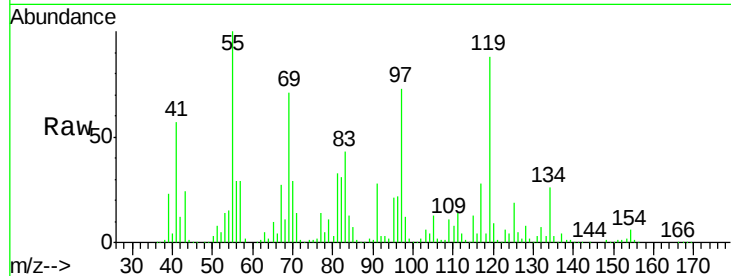




#24
Nitrobenzene
Concen: 65.74 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

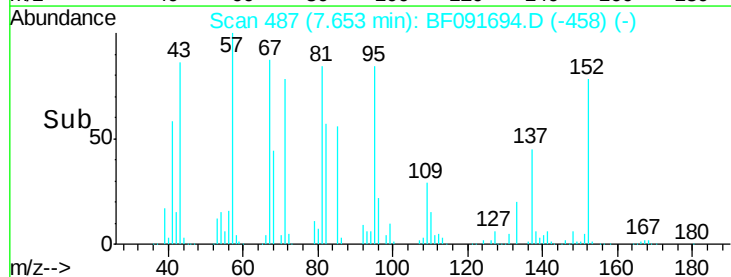
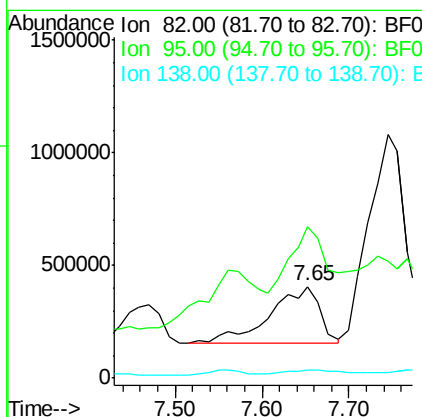
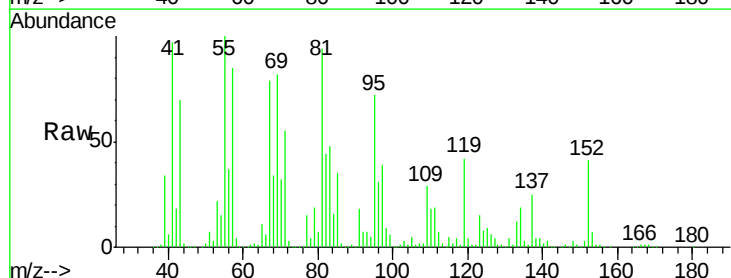
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

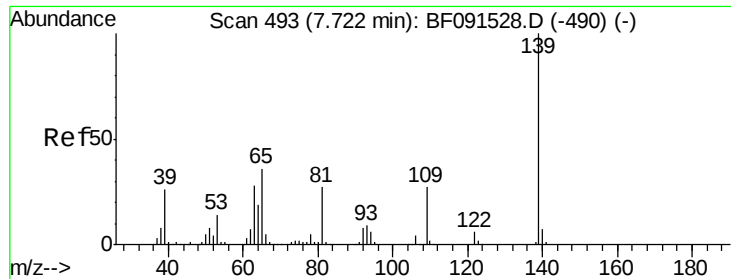
Tgt Ion: 77 Resp: 451971
Ion Ratio Lower Upper
77 100
123 40.8 28.5 42.7
65 69.9 12.5 18.7#



#25
Isophorone
Concen: 86.83 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.03 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion: 82 Resp: 1004406
Ion Ratio Lower Upper
82 100
95 165.7 5.7 8.5#
138 8.7 13.4 20.0#





#26

2-Nitrophenol

Concen: 42.49 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

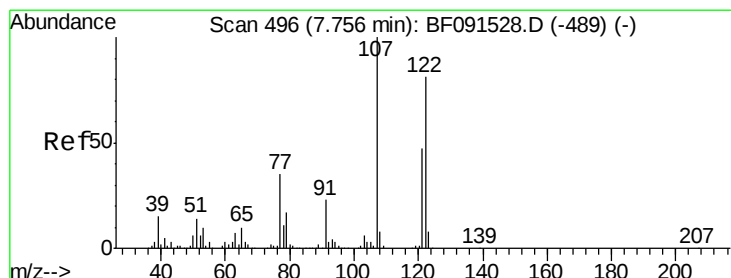
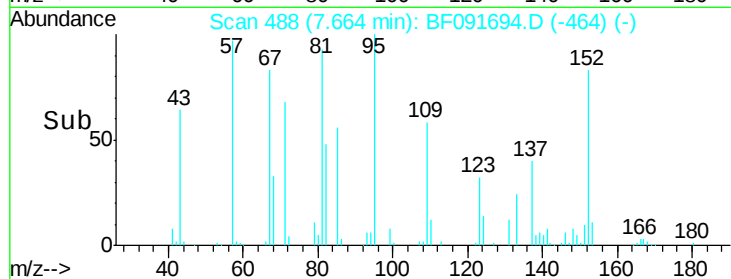
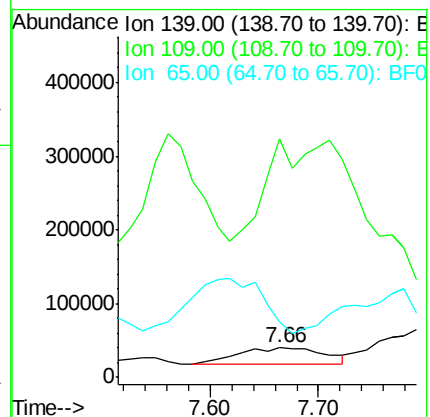
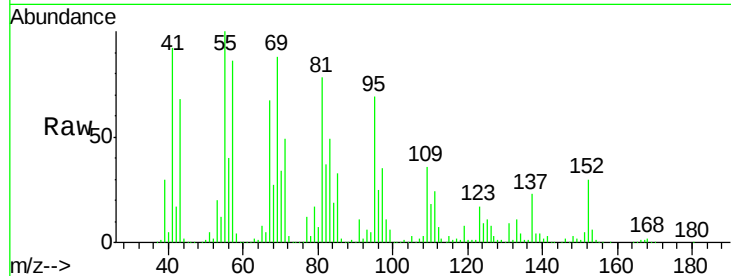
Tgt Ion:139 Resp: 128905

Ion Ratio Lower Upper

139 100

109 803.3 25.3 37.9#

65 186.0 55.4 83.2#



#27

2,4-Dimethylphenol

Concen: 20.31 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.03 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

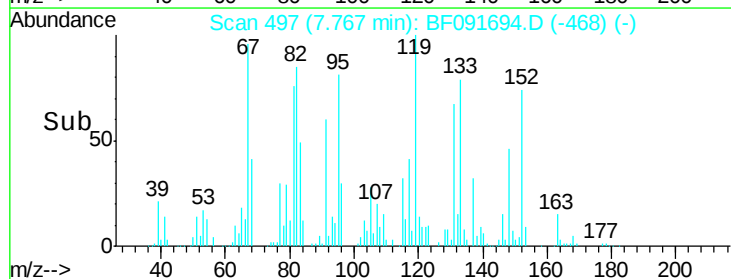
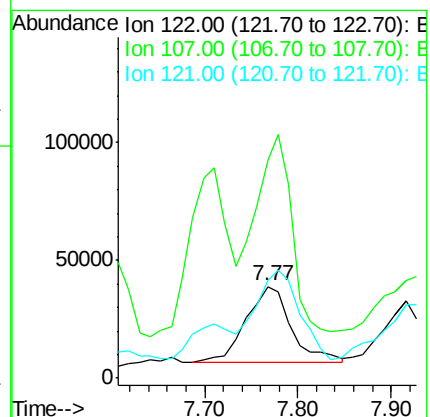
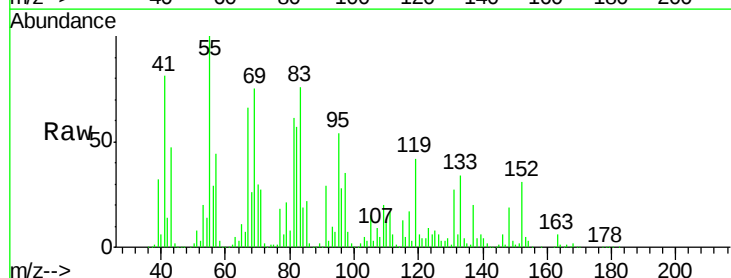
Tgt Ion:122 Resp: 108243

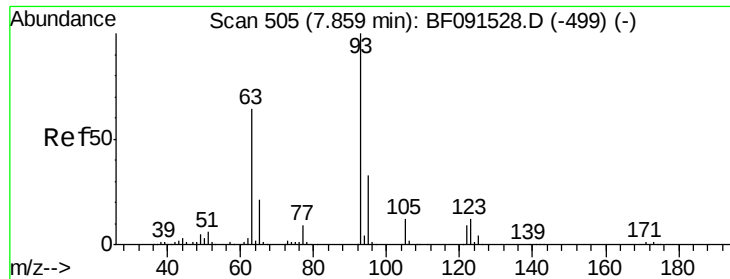
Ion Ratio Lower Upper

122 100

107 237.5 96.8 145.2#

121 107.0 47.7 71.5#

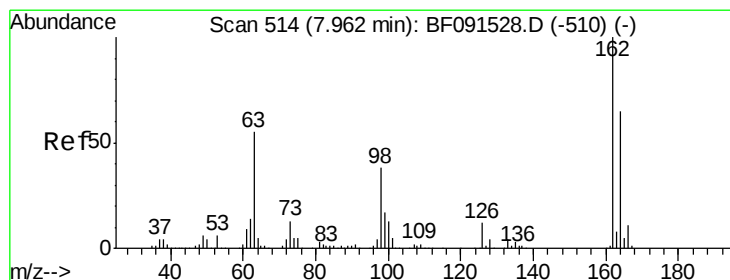
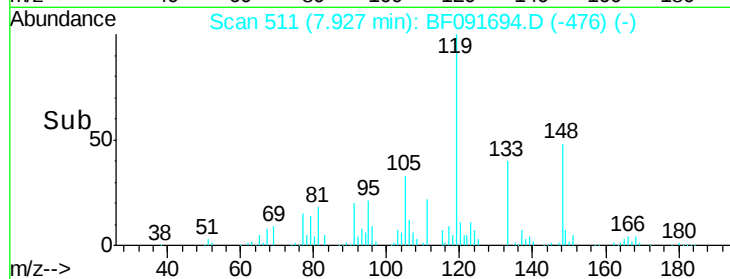
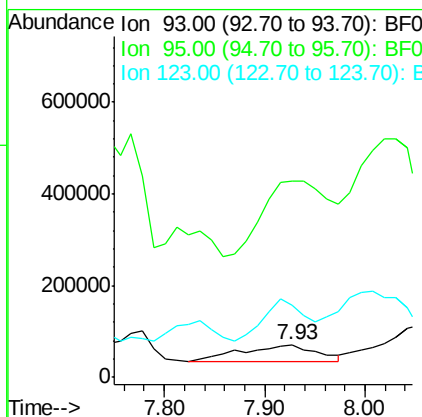
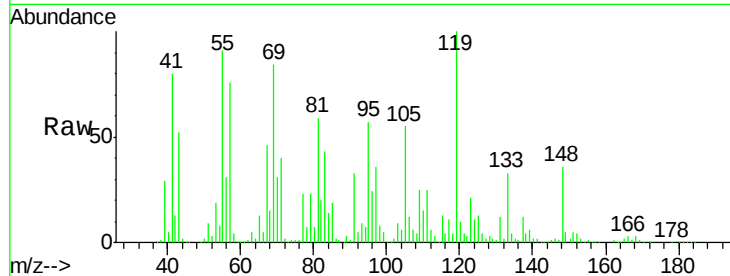




#28
bis(2-Chloroethoxy)methane
Concen: 26.22 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.10 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

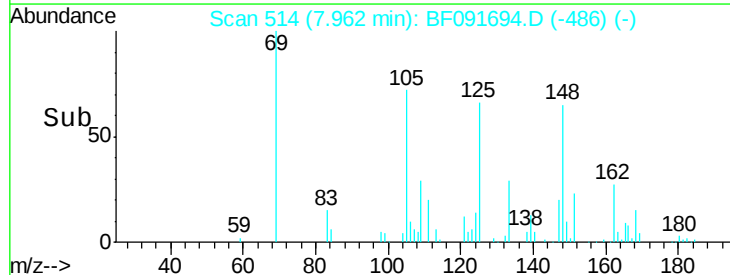
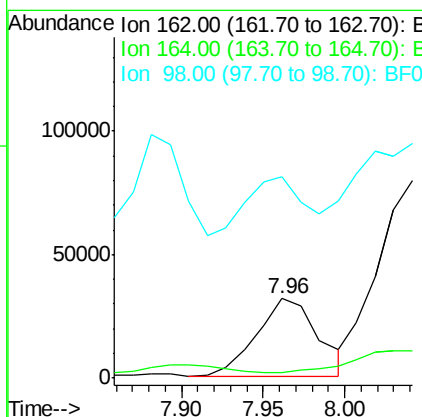
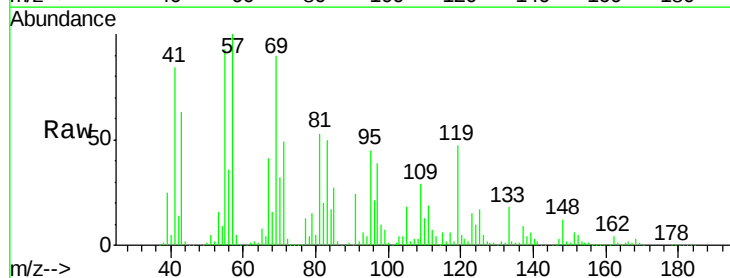
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

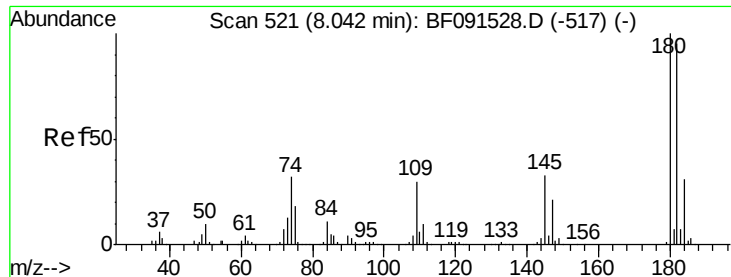
Tgt Ion: 93 Resp: 177914
Ion Ratio Lower Upper
93 100
95 604.7 26.0 39.0#
123 220.2 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 17.70 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion: 162 Resp: 82073
Ion Ratio Lower Upper
162 100
164 7.2 45.0 85.0#
98 254.2 21.3 61.3#

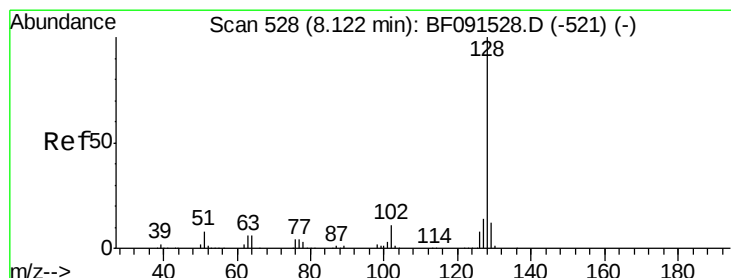
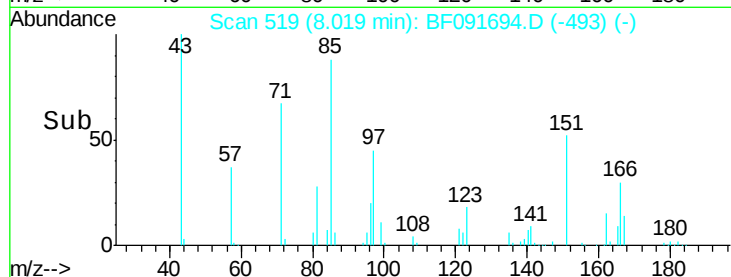
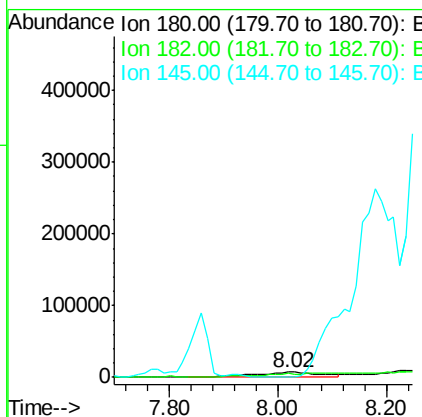
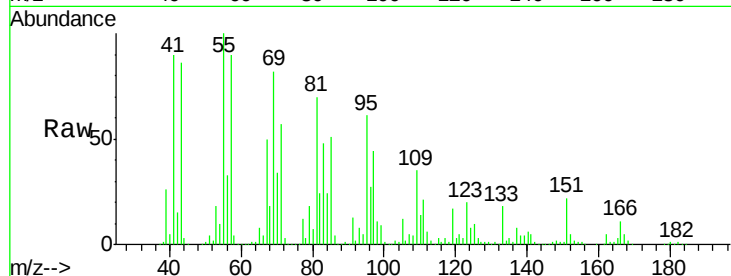




#30
1,2,4-Trichlorobenzene
Concen: 9.63 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

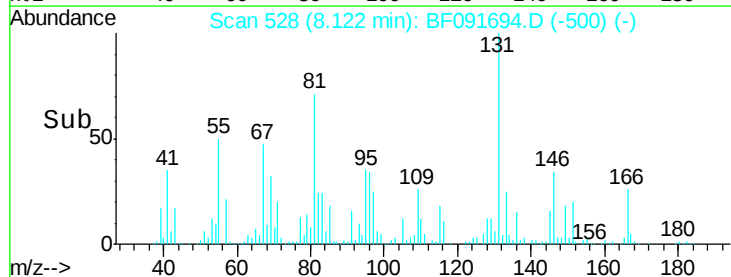
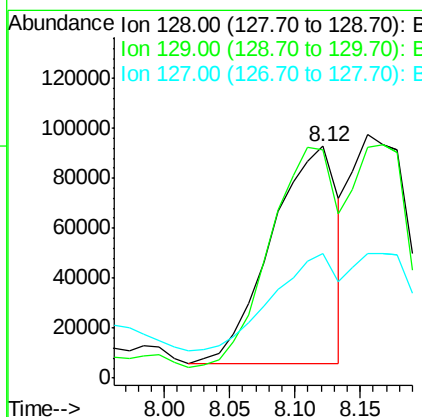
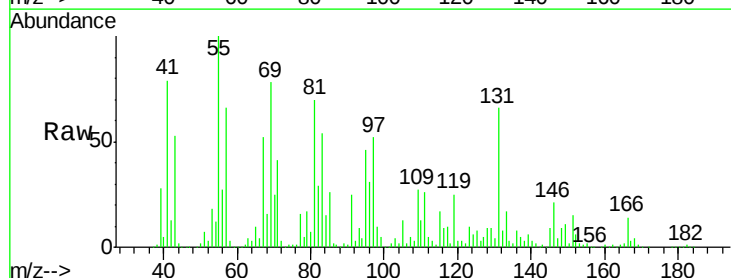
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

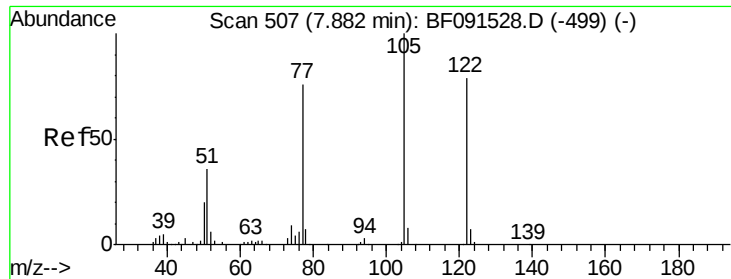
Tgt Ion:180 Resp: 50724
Ion Ratio Lower Upper
180 100
182 72.3 75.8 113.8#
145 11.1 27.0 40.4#



#31
Naphthalene
Concen: 18.30 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.02 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:128 Resp: 309287
Ion Ratio Lower Upper
128 100
129 98.5 9.1 13.7#
127 53.6 11.0 16.4#

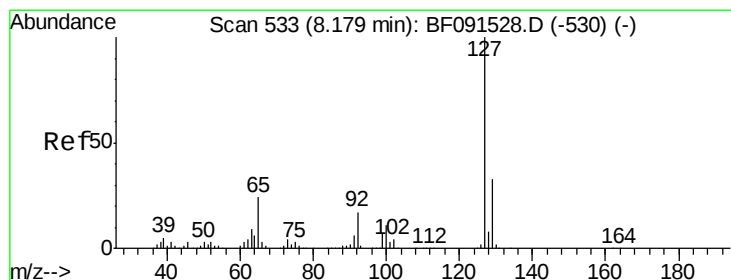
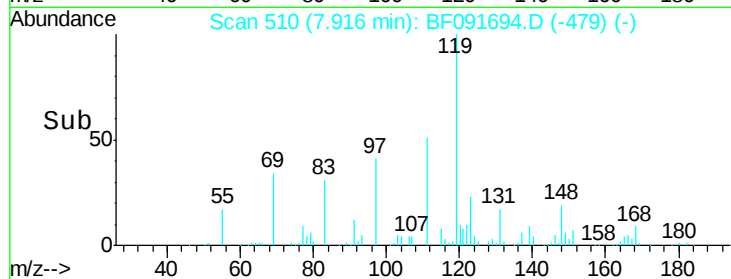
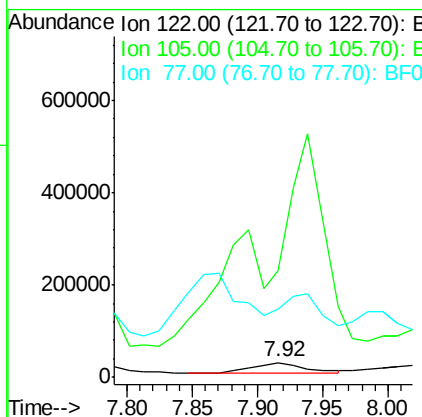
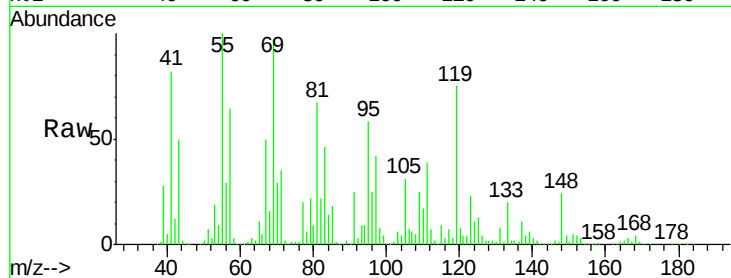




#32
Benzoic acid
Concen: 20.99 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.06 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

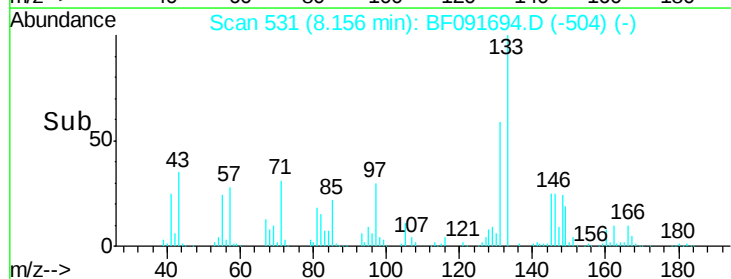
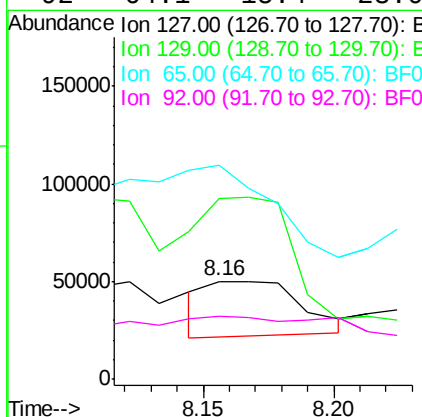
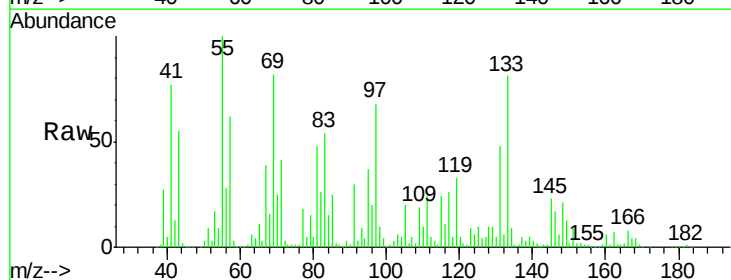
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

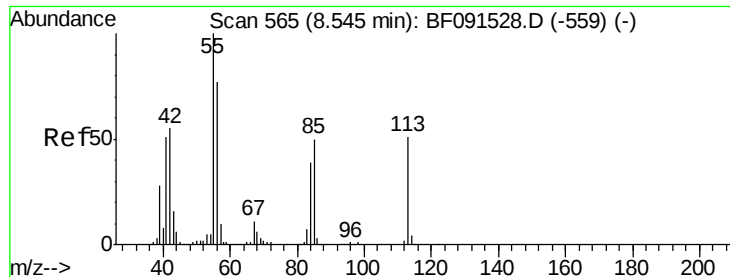
Tgt Ion:122 Resp: 68526
Ion Ratio Lower Upper
122 100
105 709.8 113.0 153.0#
77 451.3 82.0 122.0#



#33
4-Chloroaniline
Concen: 9.72 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.01 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:127 Resp: 70764
Ion Ratio Lower Upper
127 100
129 184.4 26.2 39.4#
65 218.5 26.6 39.8#
92 64.1 15.4 23.0#

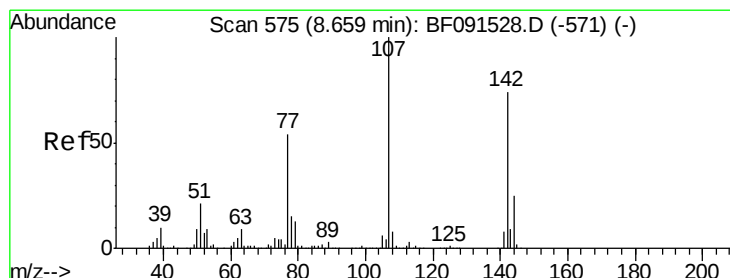
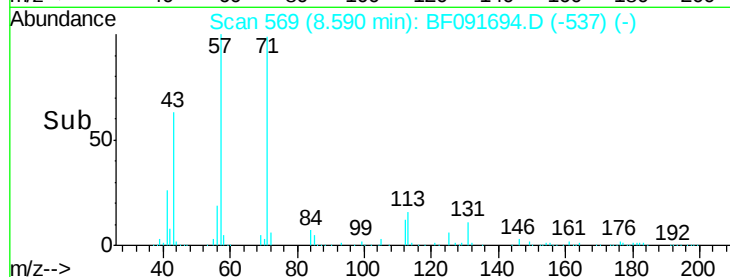
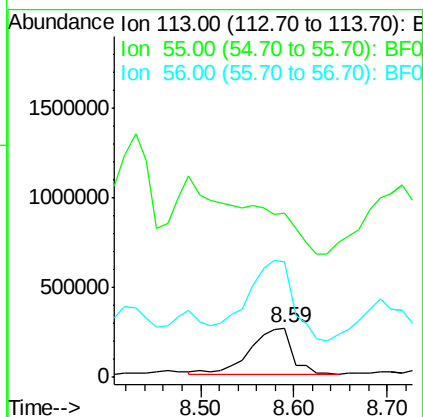
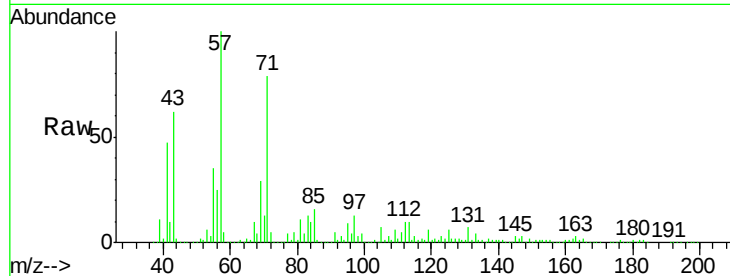




#35
 Caprolactam
 Concen: 594.34 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.07 min
 Lab File: BF091694.D
 Acq: 17 Dec 2016 1:08

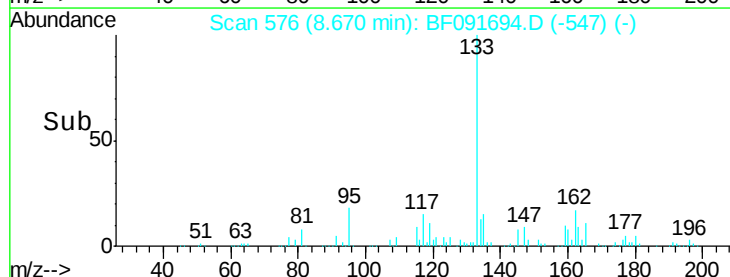
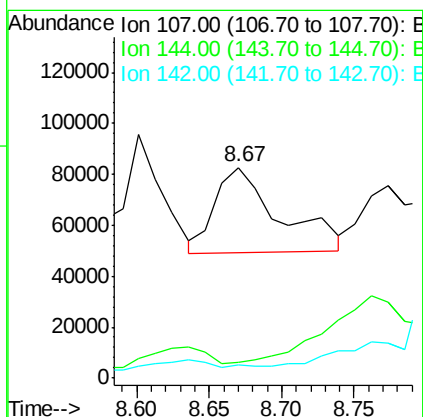
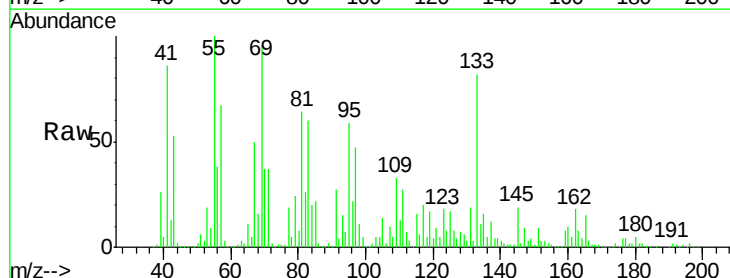
Instrument :
 BNA_F
 ClientSampleId :
 SB-45(8-9)-12-14-16

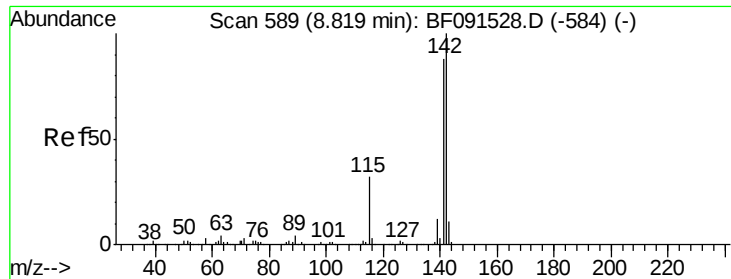
Tgt Ion:113 Resp: 804789
 Ion Ratio Lower Upper
 113 100
 55 334.3 239.8 279.8#
 56 236.1 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 19.78 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.03 min
 Lab File: BF091694.D
 Acq: 17 Dec 2016 1:08

Tgt Ion:107 Resp: 102843
 Ion Ratio Lower Upper
 107 100
 144 7.3 18.9 28.3#
 142 6.1 58.5 87.7#

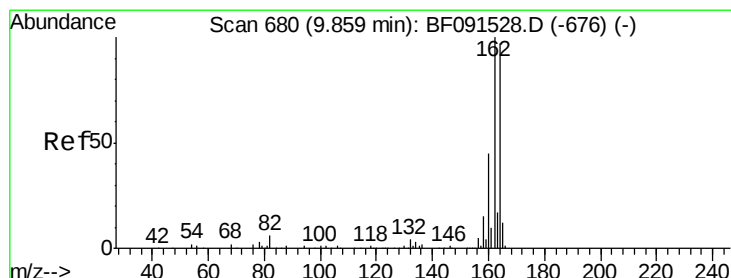
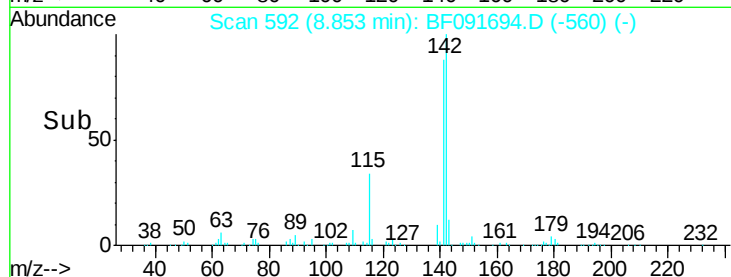
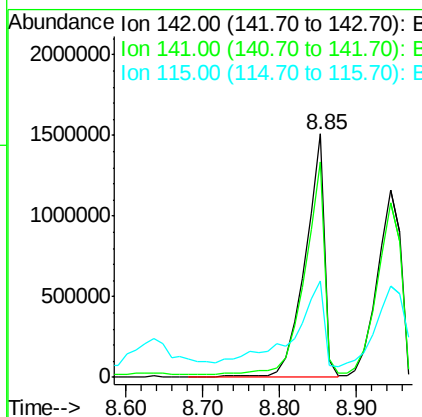
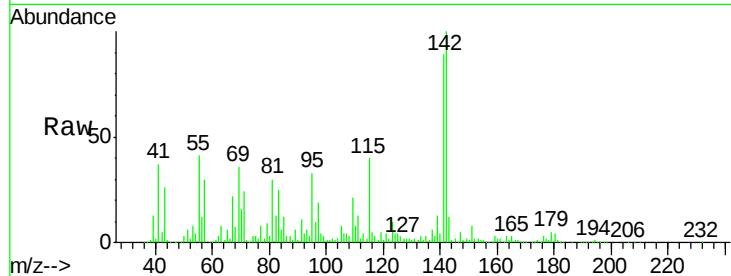




#37
2-Methylnaphthalene
Concen: 235.77 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.07 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

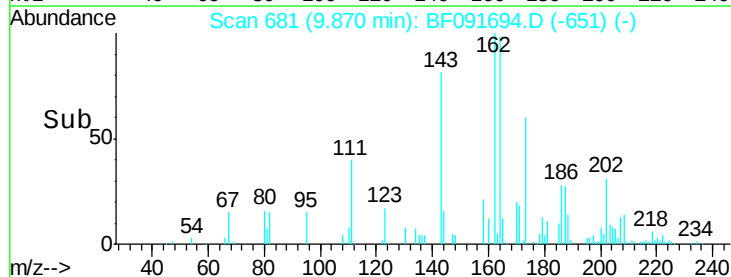
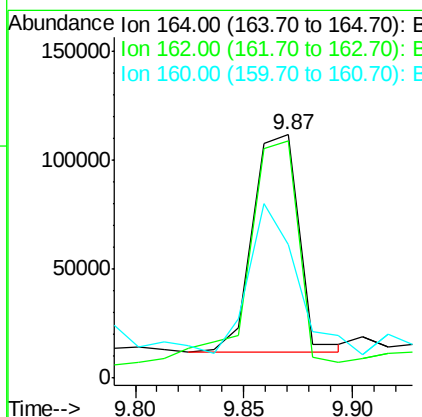
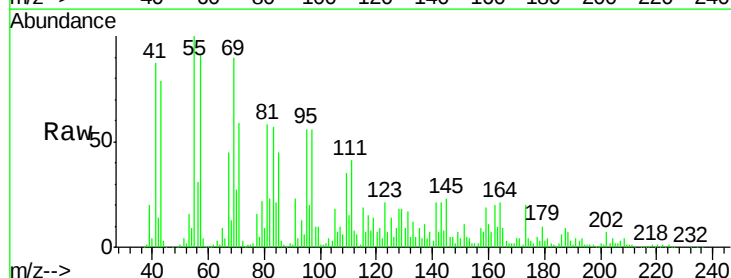
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

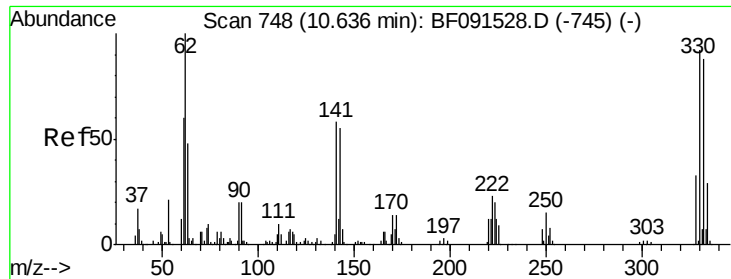
Tgt Ion:142 Resp: 2578466
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 39.5 25.0 37.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.05 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:164 Resp: 147097
Ion Ratio Lower Upper
164 100
162 97.2 82.6 124.0
160 55.1 36.7 55.1#

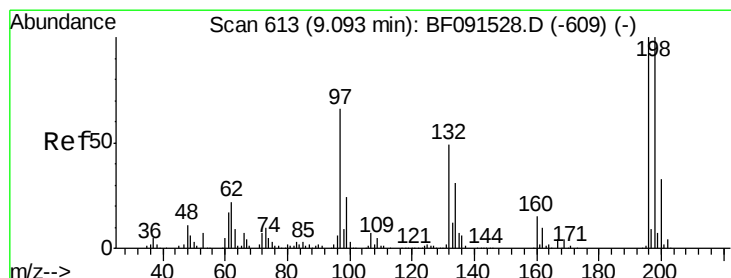
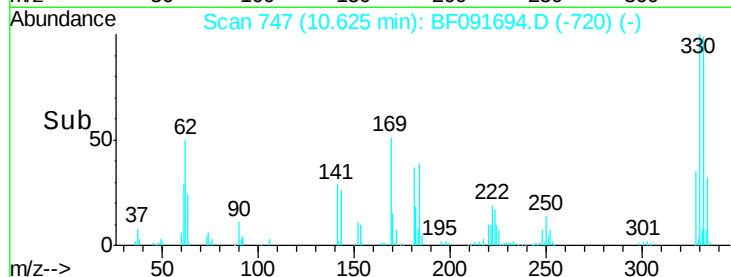
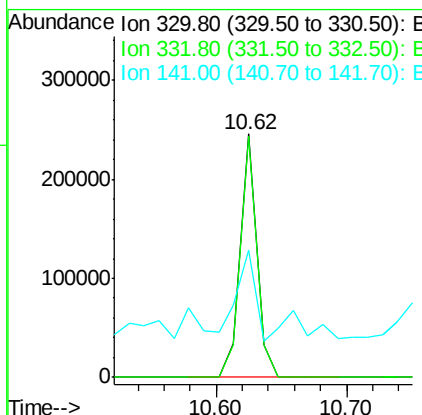
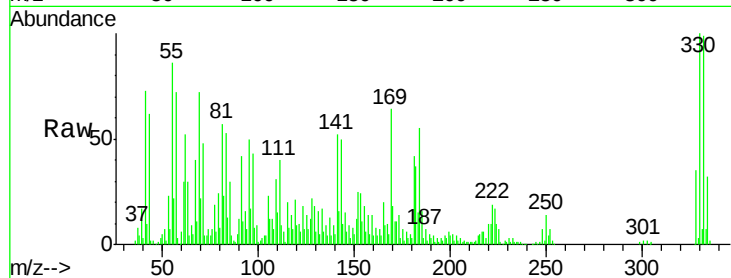




#41
 2,4,6-Tribromophenol
 Concen: 177.43 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF091694.D
 Acq: 17 Dec 2016 1:08

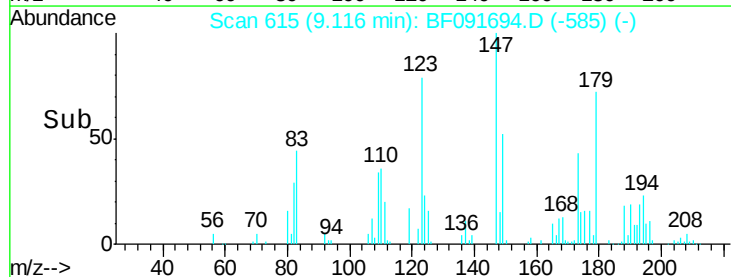
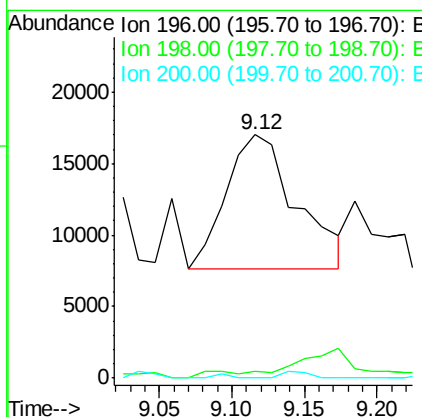
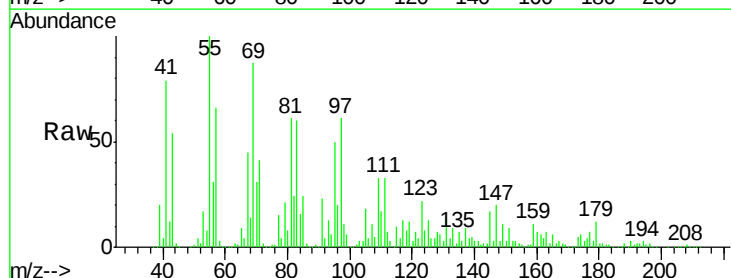
Instrument :
 BNA_F
 ClientSampleId :
 SB-45(8-9)-12-14-16

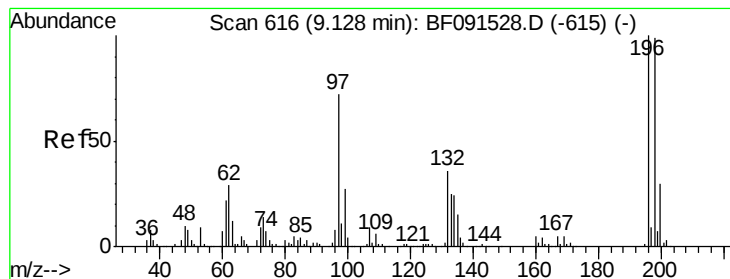
Tgt Ion:330 Resp: 216779
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.2 114.4
 141 32.5 33.6 50.4#



#42
 2,4,6-Trichlorophenol
 Concen: 12.24 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: BF091694.D
 Acq: 17 Dec 2016 1:08

Tgt Ion:196 Resp: 31737
 Ion Ratio Lower Upper
 196 100
 198 2.7 77.4 116.0#
 200 0.0 25.2 37.8#





#43

2,4,5-Trichlorophenol

Concen: 11.91 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

Tgt Ion:196 Resp: 31737

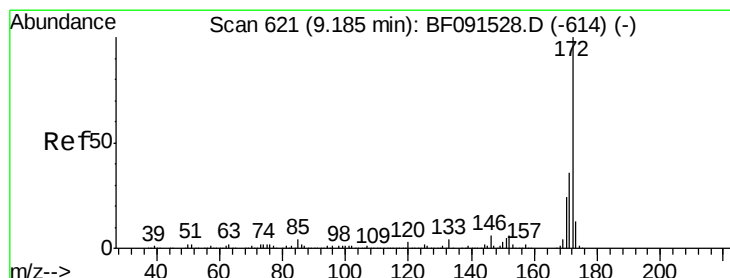
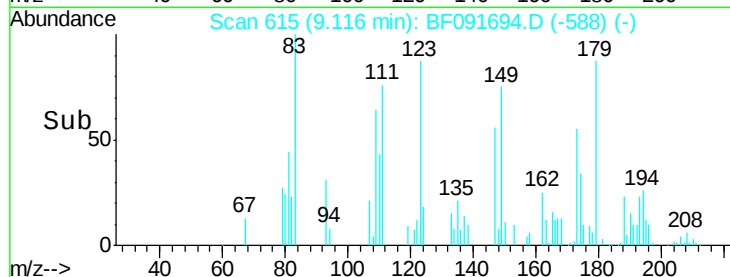
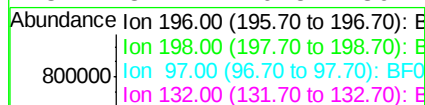
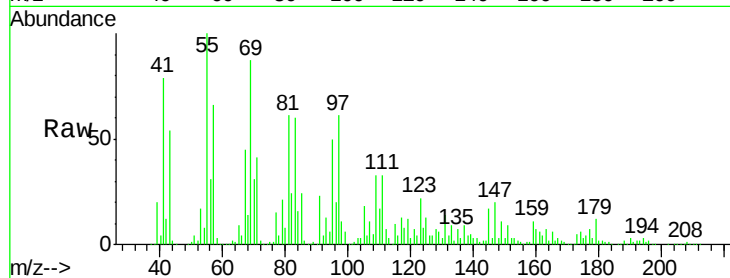
Ion Ratio Lower Upper

196 100

198 2.7 77.0 115.6#

97 2958.0 33.5 50.3#

132 187.4 20.5 30.7#



#44

2-Fluorobiphenyl

Concen: 65.07 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.05 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

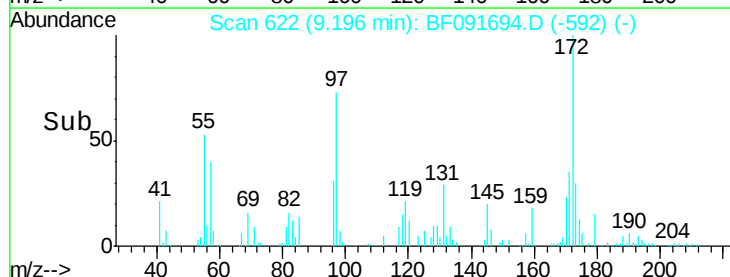
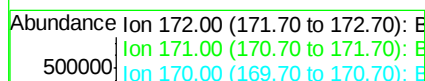
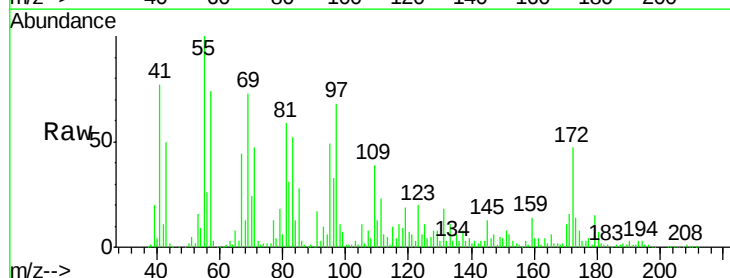
Tgt Ion:172 Resp: 553964

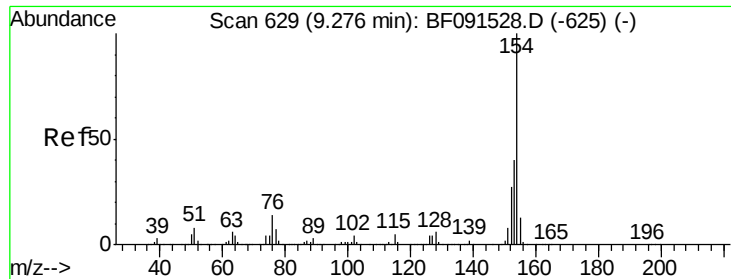
Ion Ratio Lower Upper

172 100

171 34.7 29.4 44.0

170 22.8 19.7 29.5

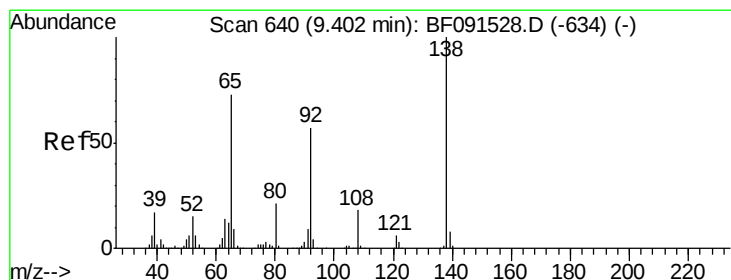
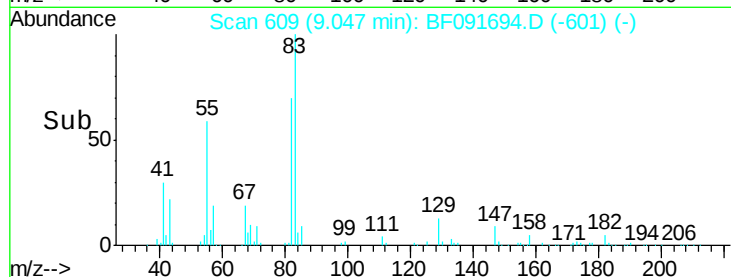
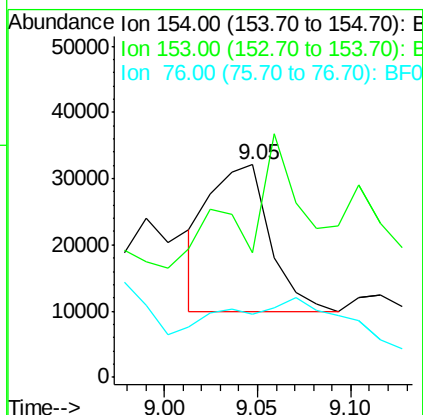
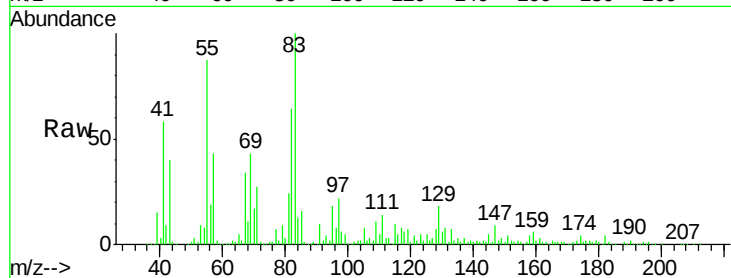




#45
 1,1'-Biphenyl
 Concen: 4.68 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.21 min
 Lab File: BF091694.D
 Acq: 17 Dec 2016 1:08

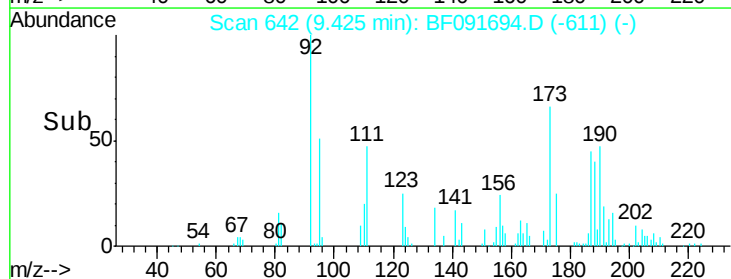
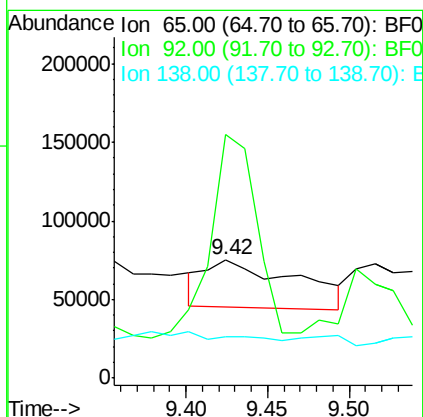
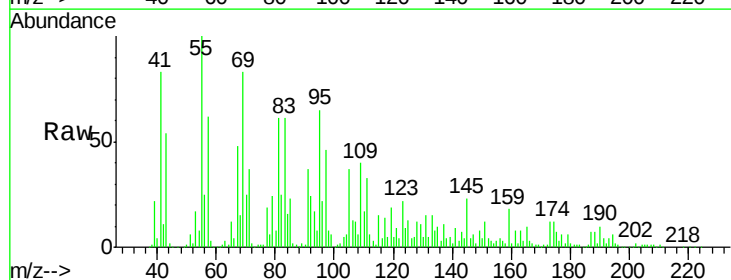
Instrument :
 BNA_F
 ClientSampleId :
 SB-45(8-9)-12-14-16

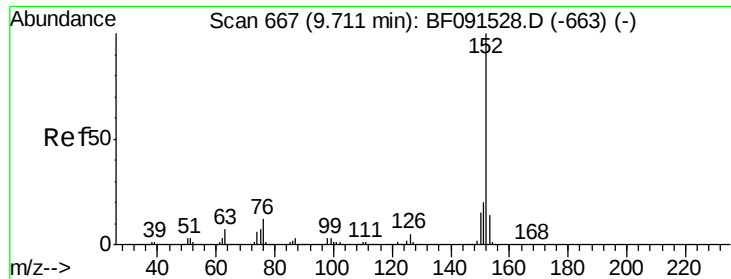
Tgt Ion: 154 Resp: 49825
 Ion Ratio Lower Upper
 154 100
 153 58.6 20.6 60.6
 76 29.8 0.0 36.6



#47
 2-Nitroaniline
 Concen: 42.06 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.06 min
 Lab File: BF091694.D
 Acq: 17 Dec 2016 1:08

Tgt Ion: 65 Resp: 116681
 Ion Ratio Lower Upper
 65 100
 92 205.2 53.6 80.4#
 138 35.0 91.0 136.6#





#48

Acenaphthylene

Concen: 5.95 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.05 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

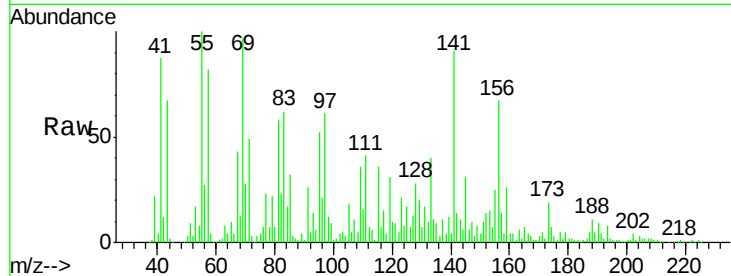
Tgt Ion:152 Resp: 74889

Ion Ratio Lower Upper

152 100

151 73.1 16.6 24.8#

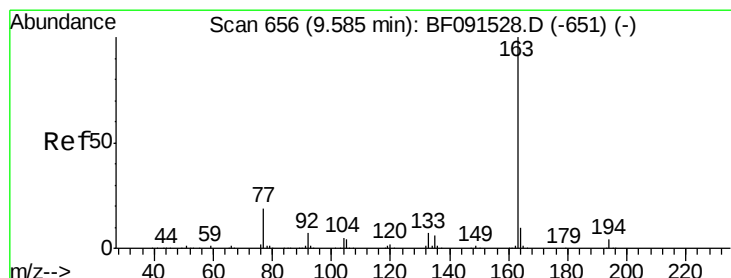
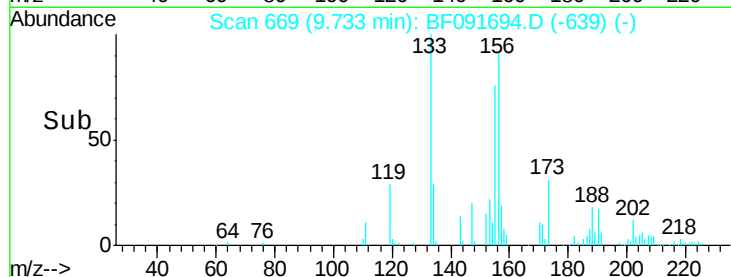
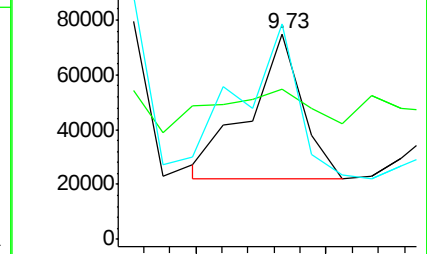
153 104.8 10.7 16.1#



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: 13.89 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

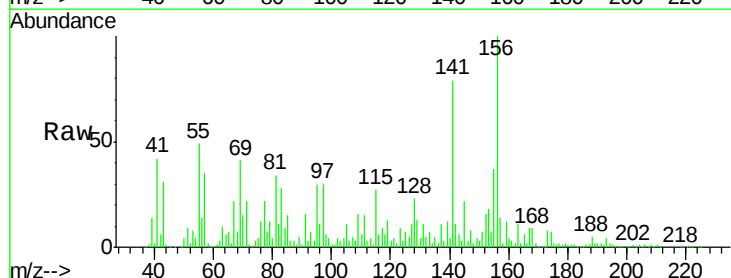
Tgt Ion:163 Resp: 129414

Ion Ratio Lower Upper

163 100

194 22.6 3.0 4.4#

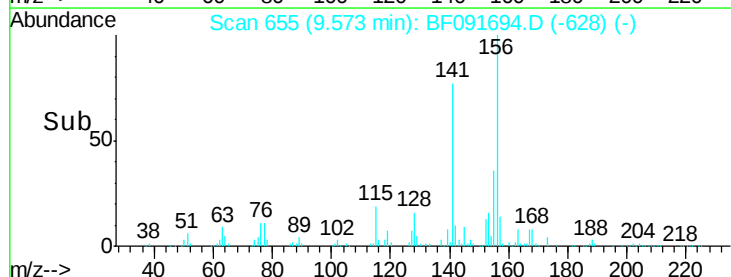
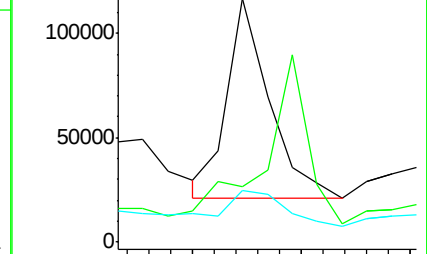
164 21.2 7.8 11.8#

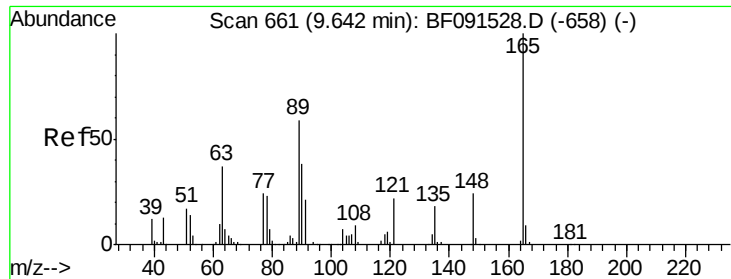


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

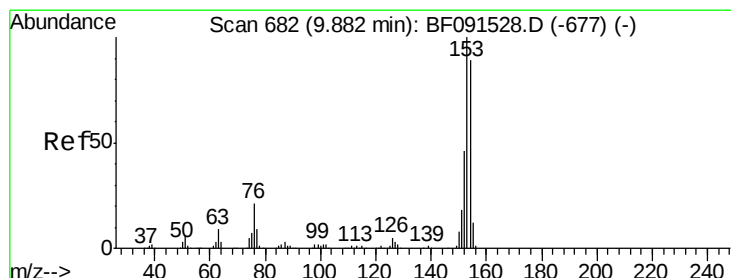
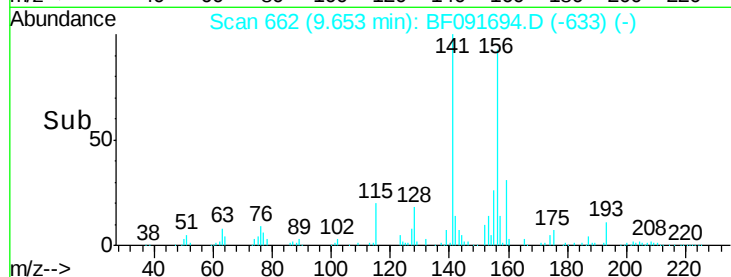
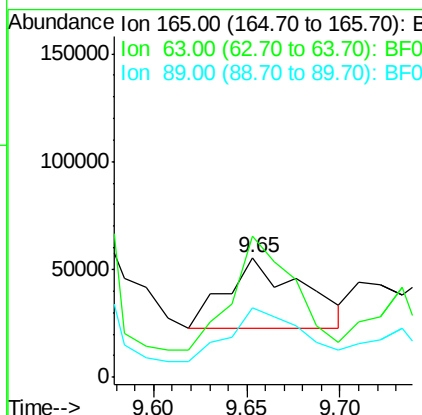
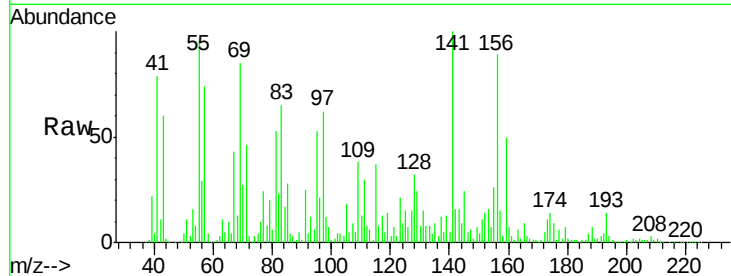




#50
2,6-Dinitrotoluene
Concen: 45.20 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.03 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

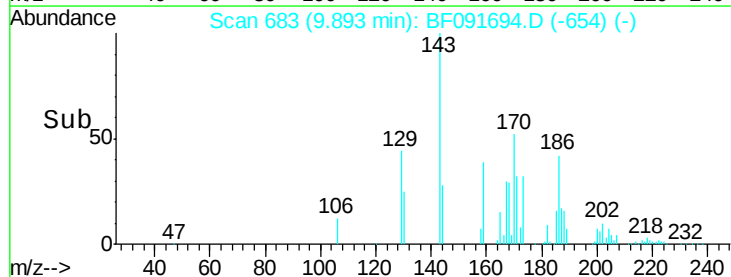
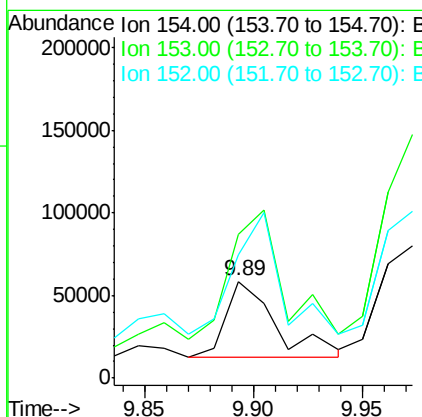
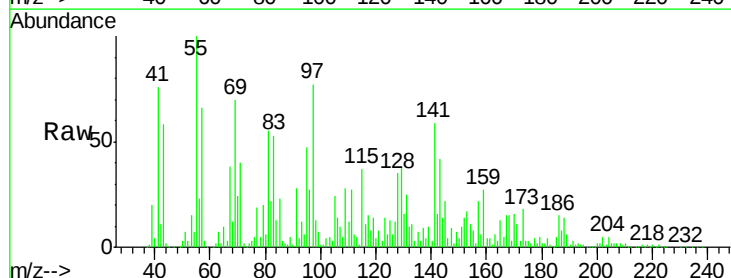
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

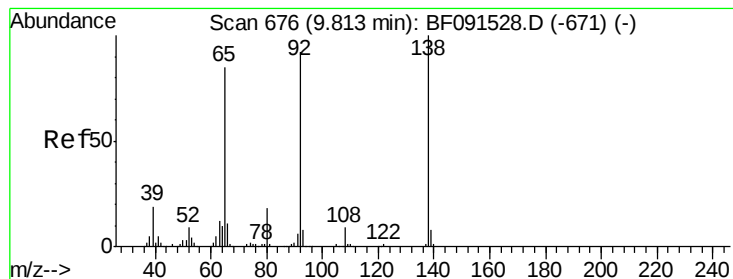
Tgt Ion:165 Resp: 92393
Ion Ratio Lower Upper
165 100
63 118.3 59.4 89.0#
89 57.6 50.8 76.2



#51
Acenaphthene
Concen: 8.58 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.03 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:154 Resp: 74984
Ion Ratio Lower Upper
154 100
153 148.7 91.0 136.6#
152 126.7 44.2 66.2#





#52

3-Nitroaniline

Concen: 20.90 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.03 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

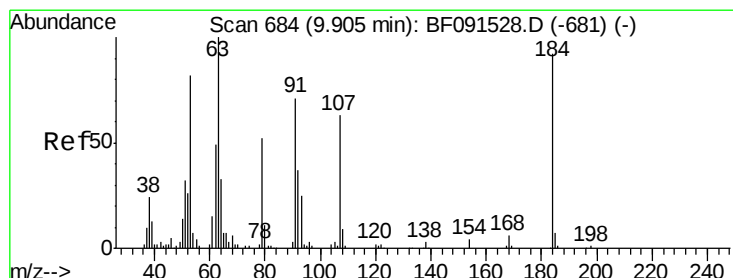
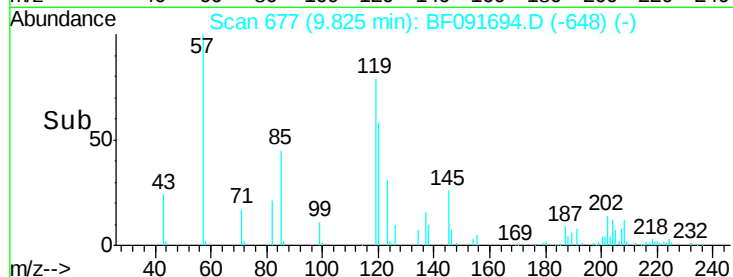
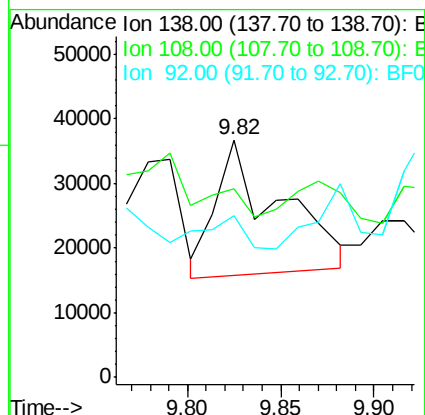
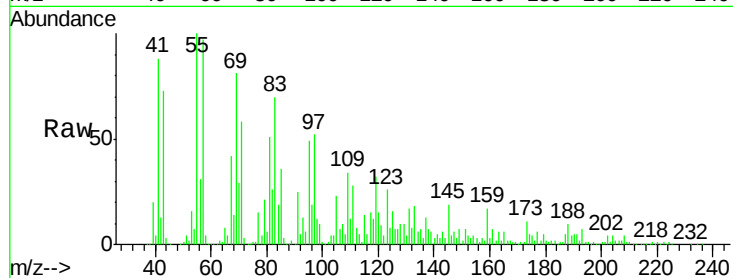
Tgt Ion:138 Resp: 50192

Ion Ratio Lower Upper

138 100

108 79.6 8.1 12.1#

92 68.3 92.5 138.7#



#53

2,4-Dinitrophenol

Concen: 4.84 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

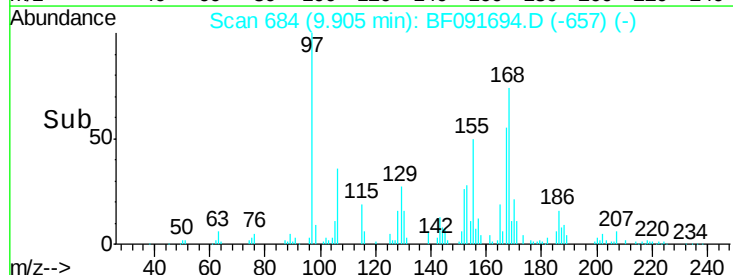
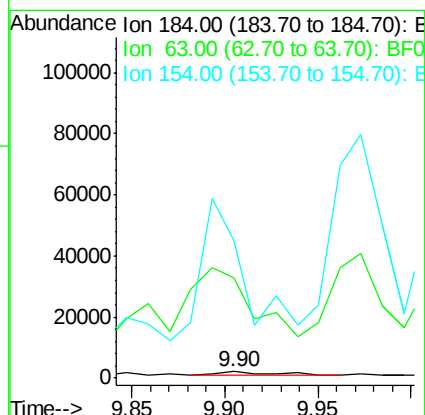
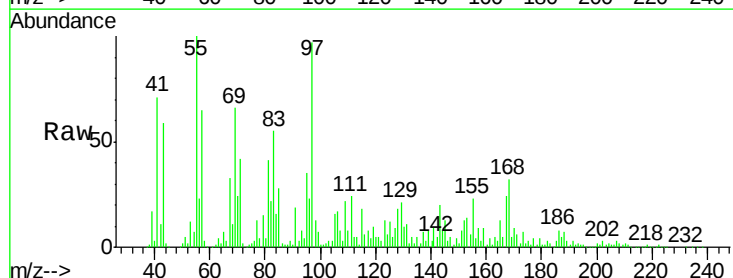
Tgt Ion:184 Resp: 2106

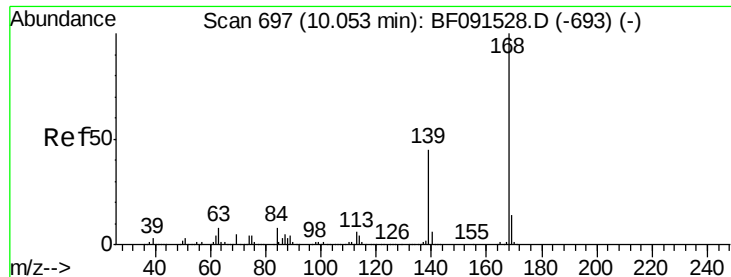
Ion Ratio Lower Upper

184 100

63 1490.5 58.3 87.5#

154 2026.2 48.6 73.0#

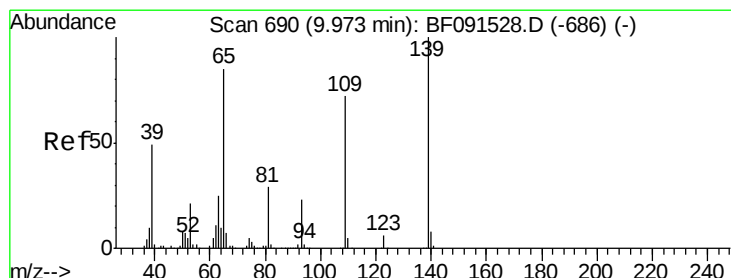
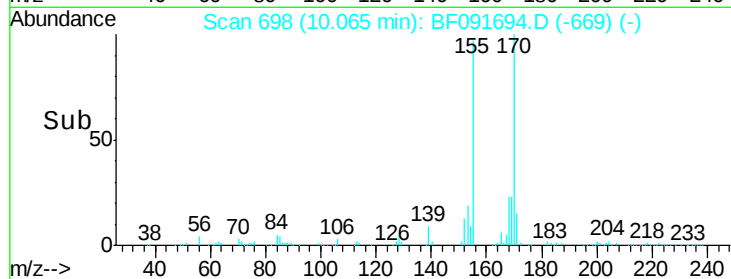
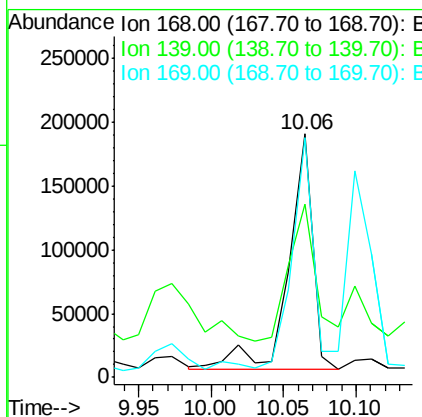
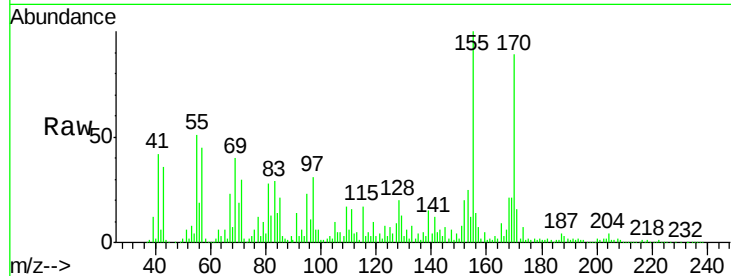




#54
Dibenzofuran
Concen: 19.46 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.03 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

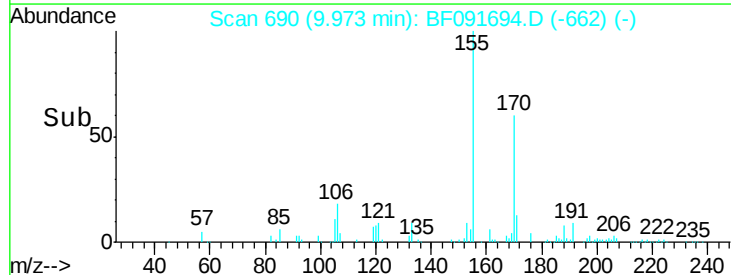
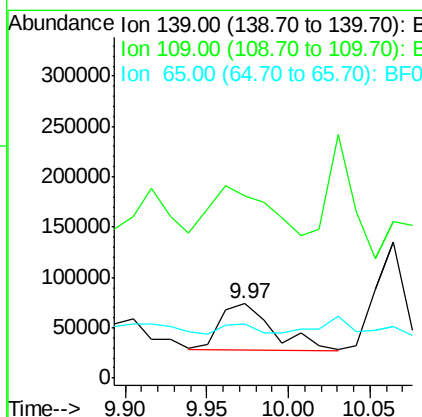
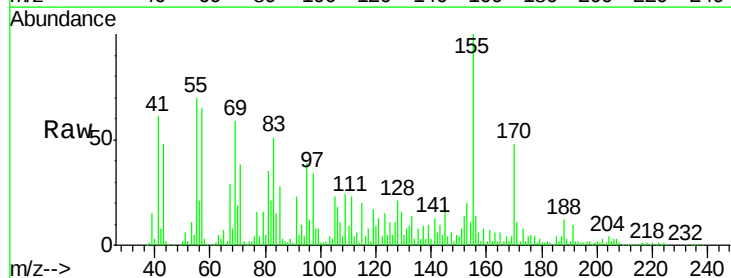
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

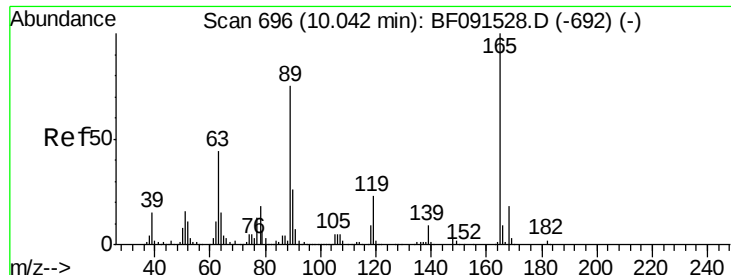
Tgt Ion:168 Resp: 210356
Ion Ratio Lower Upper
168 100
139 71.1 33.4 50.2#
169 98.6 11.1 16.7#



#55
4-Nitrophenol
Concen: 58.93 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.02 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:139 Resp: 105296
Ion Ratio Lower Upper
139 100
109 245.7 54.9 94.9#
65 72.6 102.2 142.2#

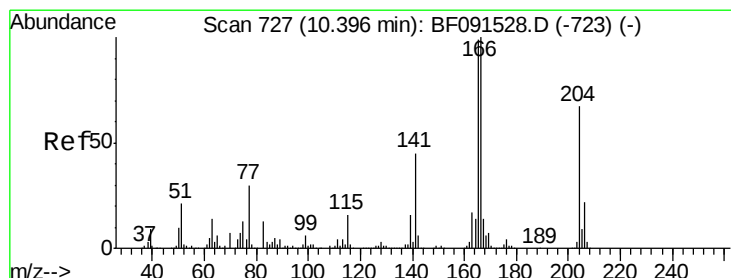
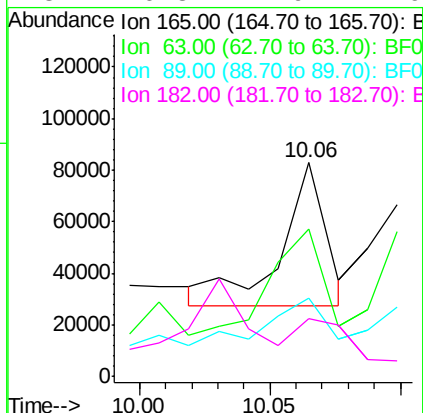
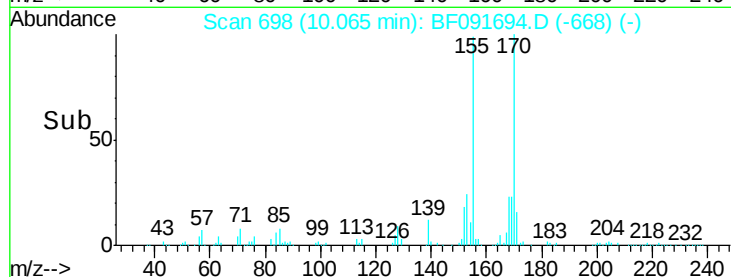
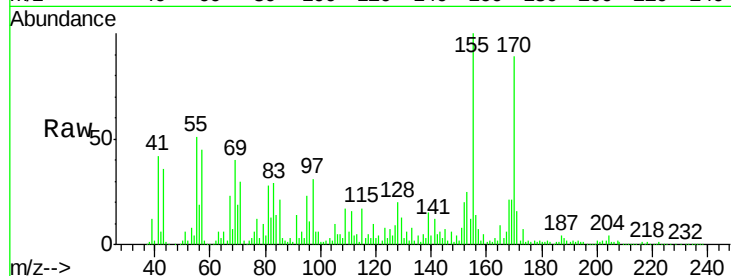




#56
2,4-Dinitrotoluene
Concen: 26.08 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.05 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

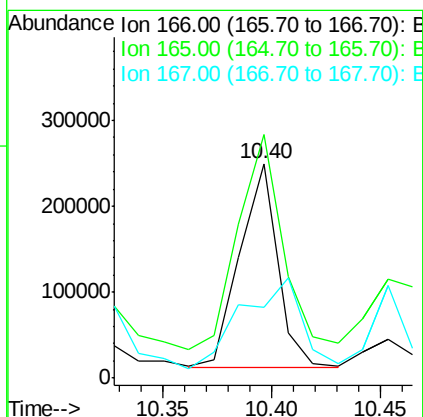
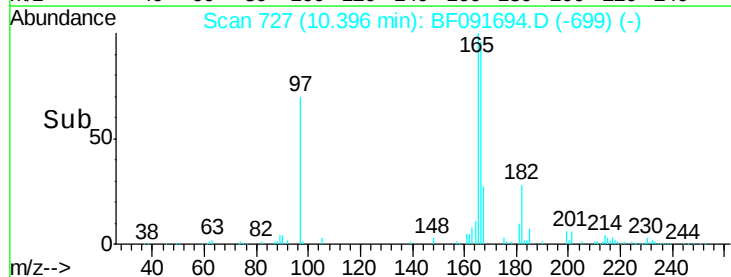
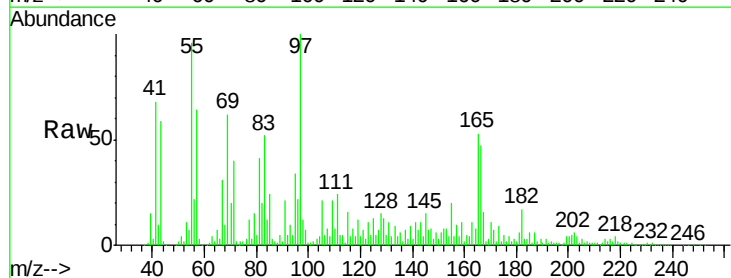
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

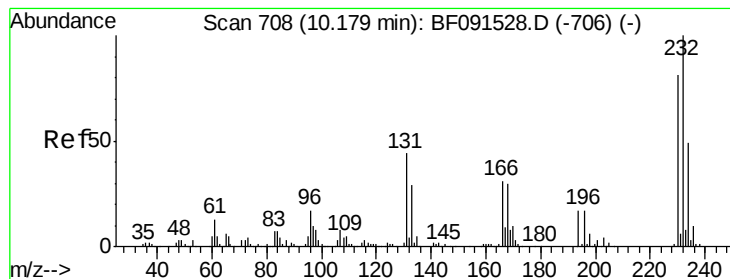
Tgt Ion:165 Resp: 66820
Ion Ratio Lower Upper
165 100
63 69.2 29.0 43.4#
89 36.8 43.1 64.7#
182 26.8 1.9 2.9#



#57
Fluorene
Concen: 36.34 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:166 Resp: 288023
Ion Ratio Lower Upper
166 100
165 113.6 80.0 120.0
167 33.3 10.8 16.2#





#58

2,3,4,6-Tetrachlorophenol

Concen: 4.77 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

Tgt Ion:232 Resp: 9947

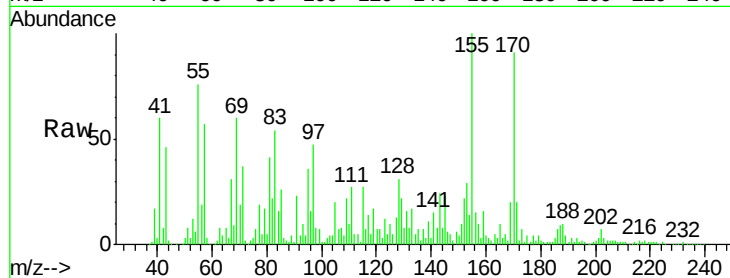
Ion Ratio Lower Upper

232 100

131 900.3 38.4 57.6#

130 846.1 1.8 2.8#

166 167.1 23.9 35.9#



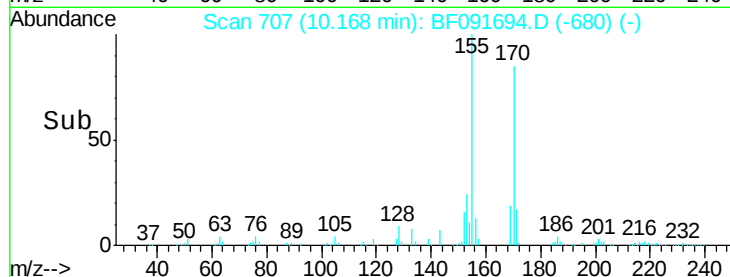
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

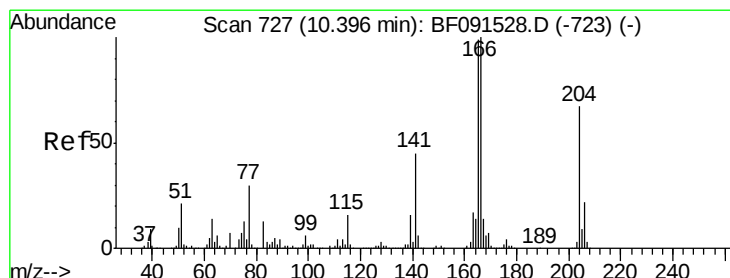
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.17



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 3.02 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.03 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

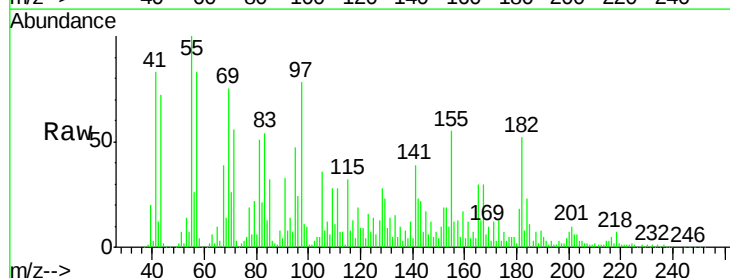
Tgt Ion:204 Resp: 11741

Ion Ratio Lower Upper

204 100

206 63.9 26.1 39.1#

141 1195.0 40.6 61.0#

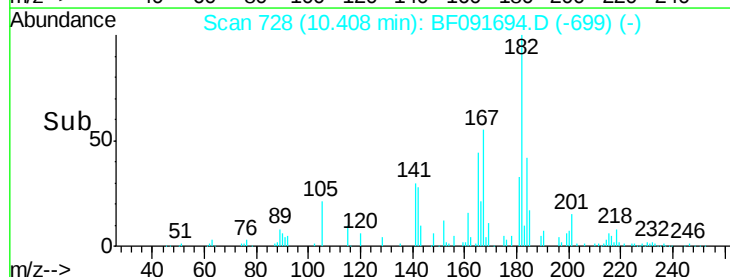


Abundance Ion 204.00 (203.70 to 204.70): E

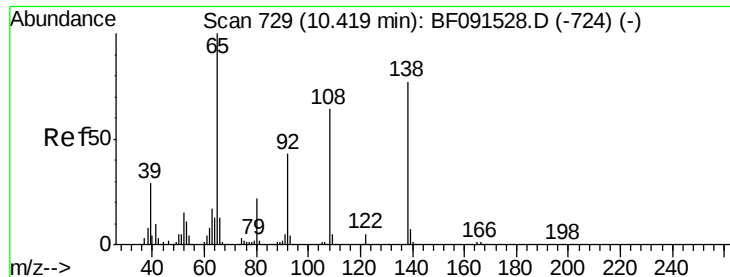
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.41



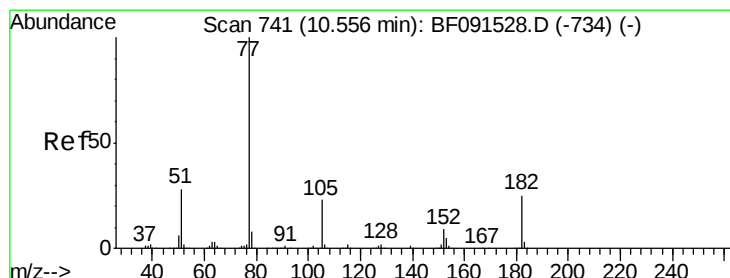
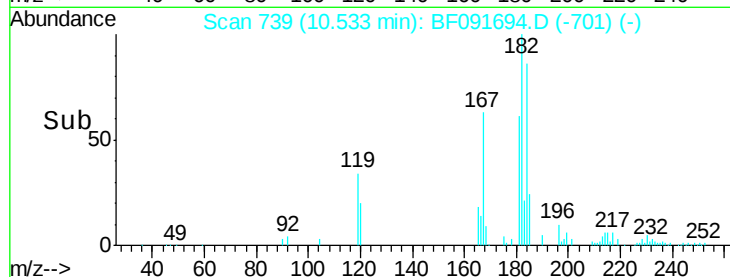
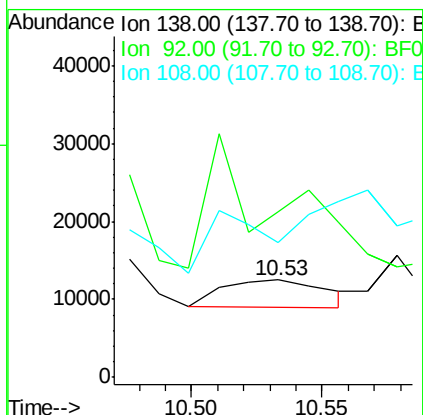
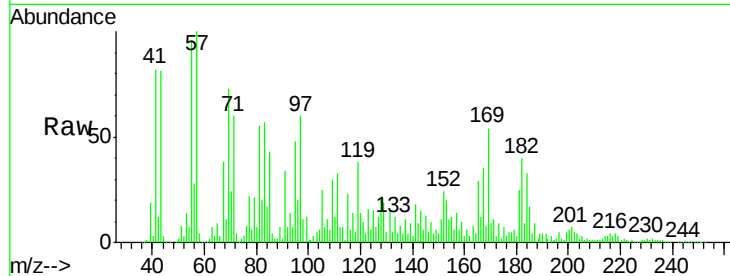
Time-->



#61
4-Nitroaniline
Concen: 4.01 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.14 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

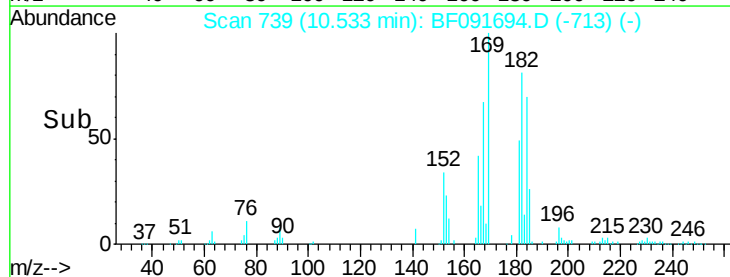
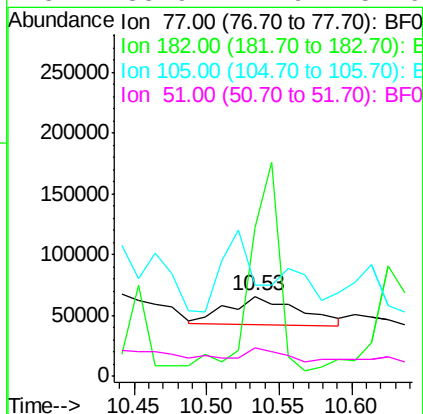
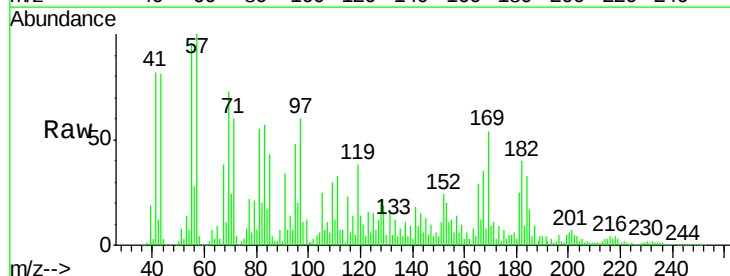
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

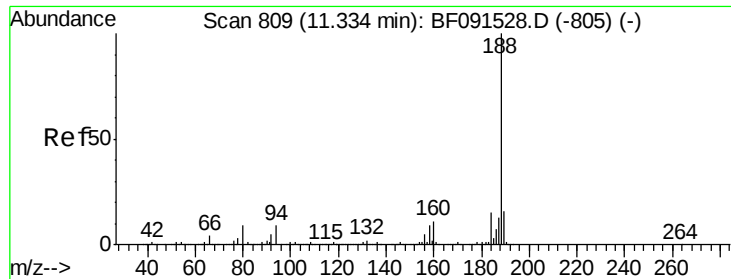
Tgt Ion: 138 Resp: 9579
Ion Ratio Lower Upper
138 100
92 170.9 26.9 66.9#
108 139.2 49.1 89.1#



#62
Azobenzene
Concen: 7.86 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion: 77 Resp: 79881
Ion Ratio Lower Upper
77 100
182 186.0 12.5 52.5#
105 113.8 3.7 43.7#
51 35.9 11.9 51.9

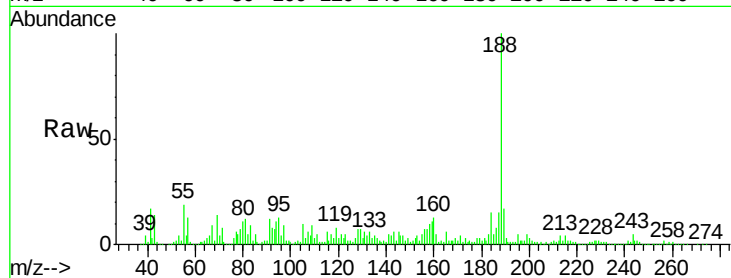




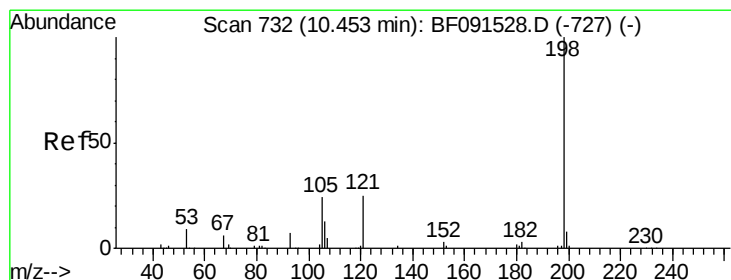
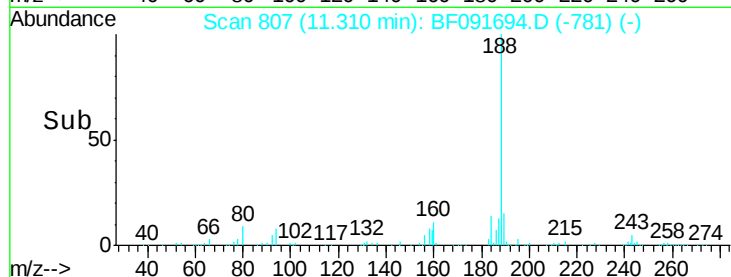
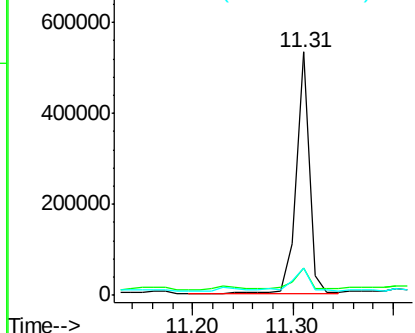
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

Tgt Ion:188 Resp: 481448
Ion Ratio Lower Upper
188 100
94 11.1 9.2 13.8
80 11.1 10.5 15.7

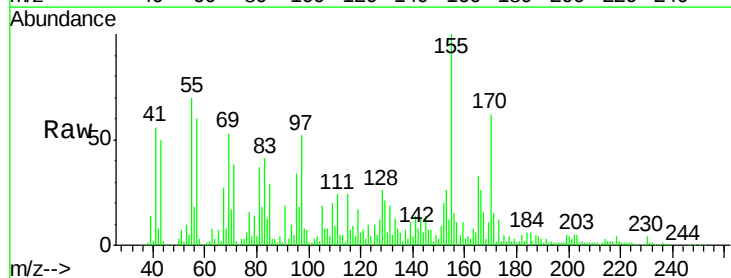


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

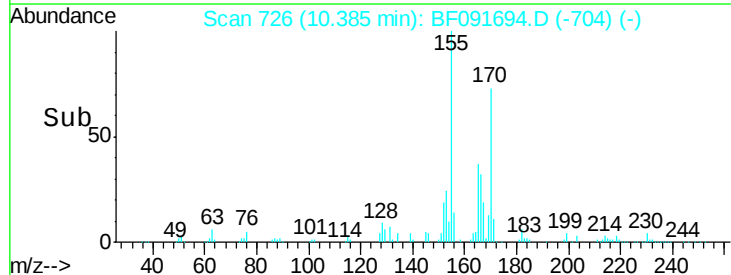
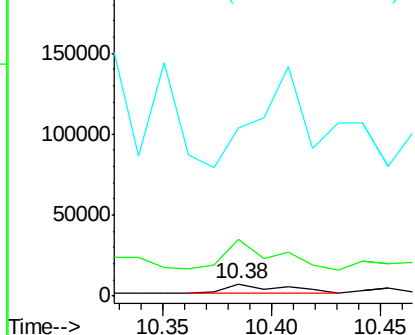


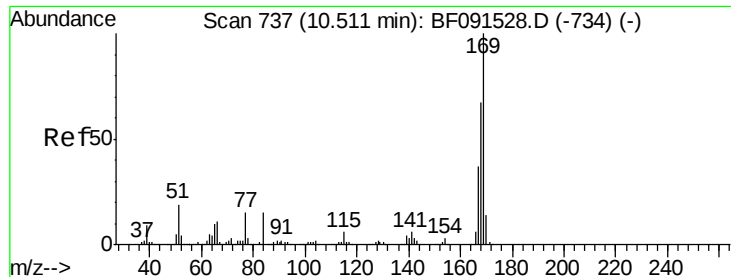
#64
4,6-Dinitro-2-methylphenol
Concen: 6.54 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:198 Resp: 11206
Ion Ratio Lower Upper
198 100
51 480.7 77.1 117.1#
105 1412.3 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: 25.81 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

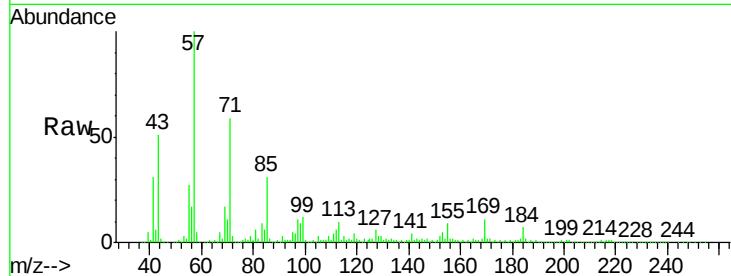
Tgt Ion:169 Resp: 370449

Ion Ratio Lower Upper

169 100

168 18.2 53.8 80.8#

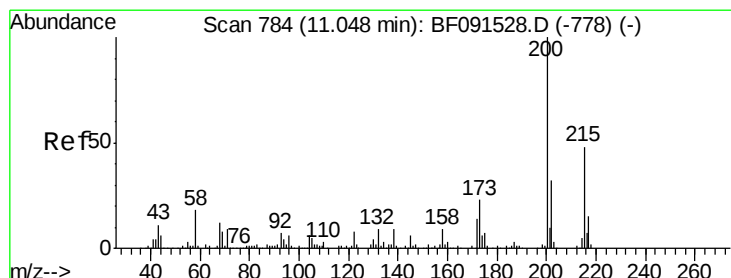
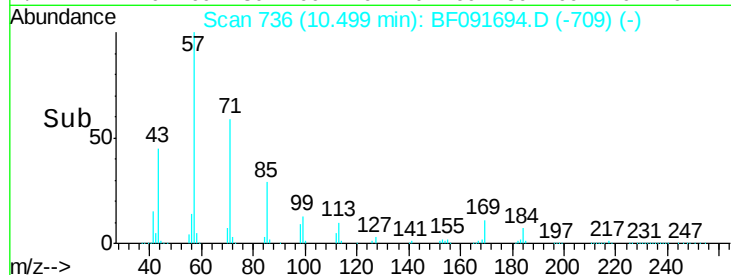
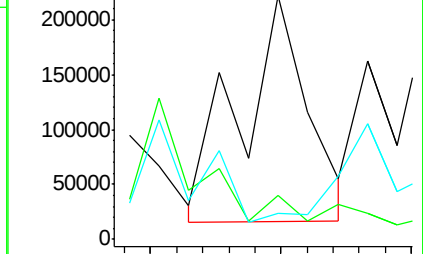
167 10.9 29.8 44.8#



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



#68

Atrazine

Concen: 13.77 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.08 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

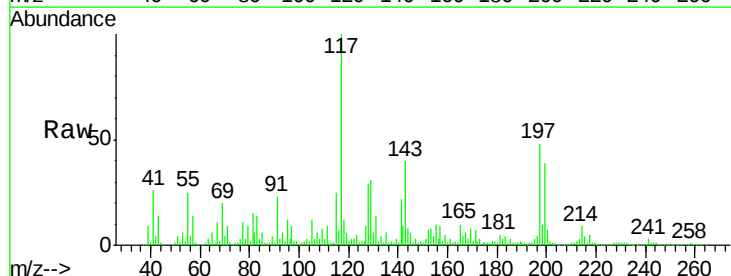
Tgt Ion:200 Resp: 63561

Ion Ratio Lower Upper

200 100

173 45.3 7.8 47.8

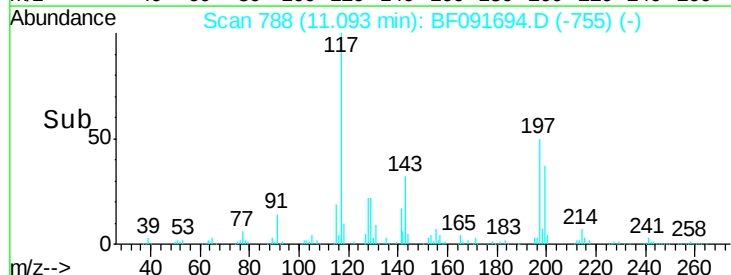
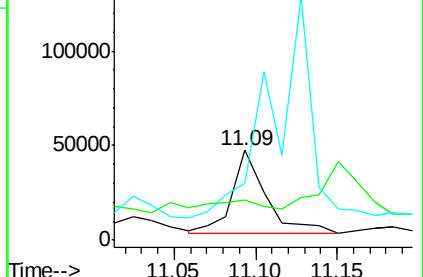
215 63.1 24.3 64.3

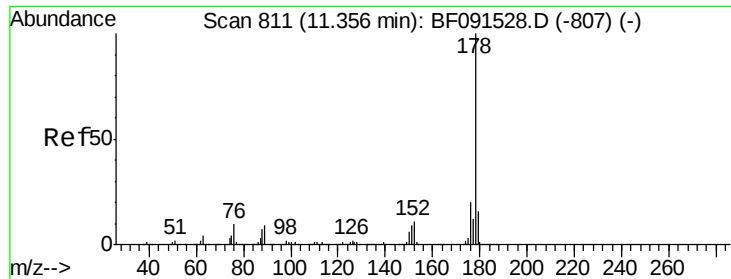


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 14.39 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

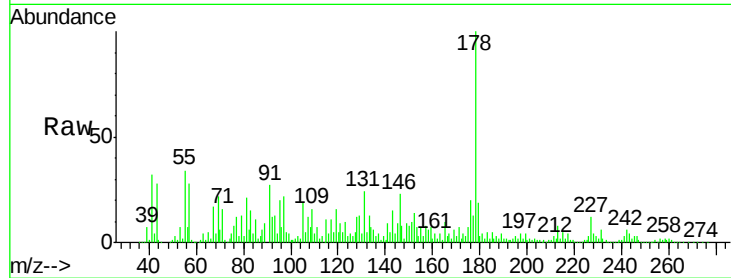
Tgt Ion:178 Resp: 342988

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

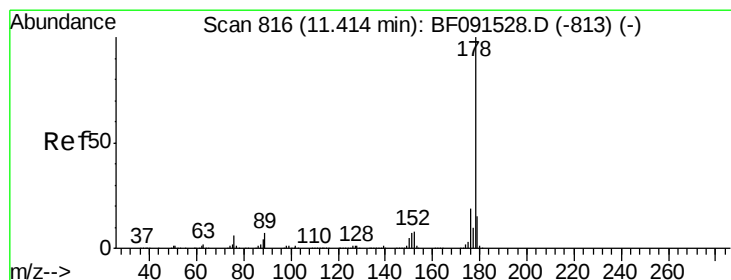
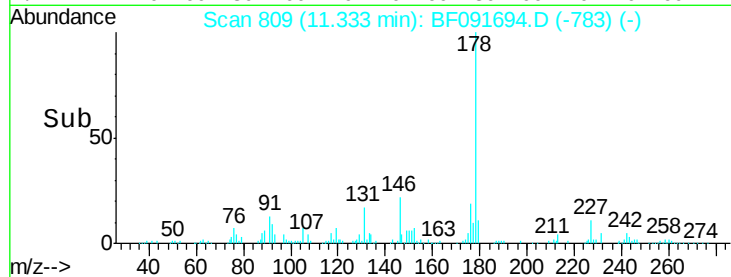
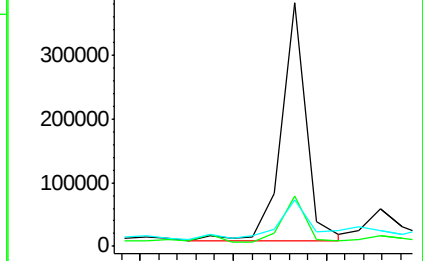
179 19.1 12.6 18.8#



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: 2.45 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

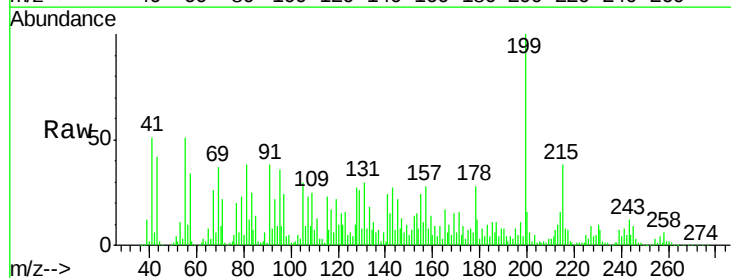
Tgt Ion:178 Resp: 63108

Ion Ratio Lower Upper

178 100

176 27.6 15.8 23.6#

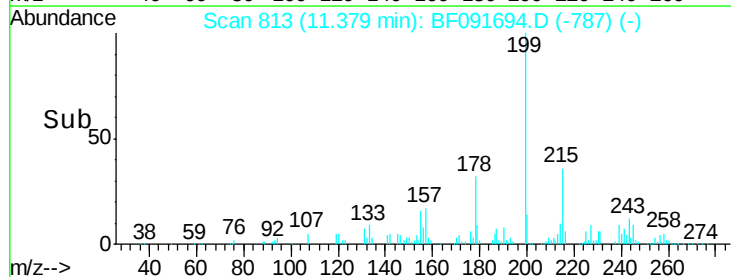
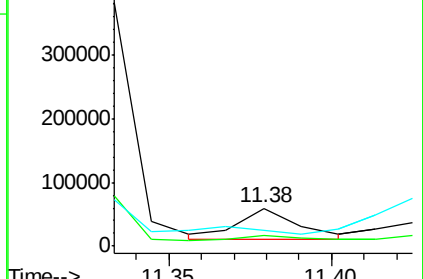
179 43.1 12.7 19.1#

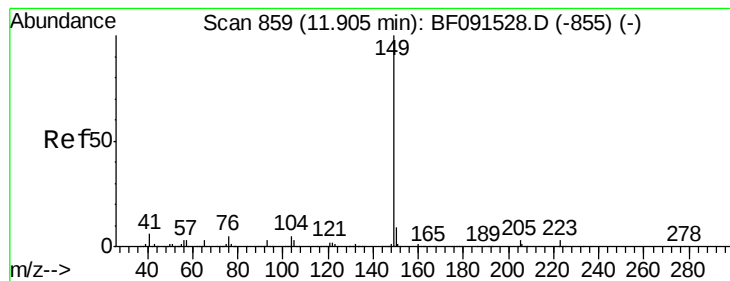


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 4.62 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

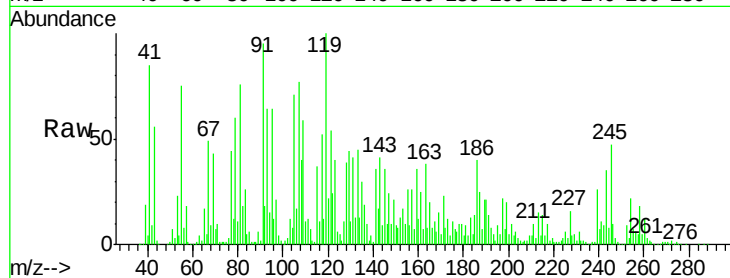
Tgt Ion:149 Resp: 121314

Ion Ratio Lower Upper

149 100

150 44.3 7.5 11.3#

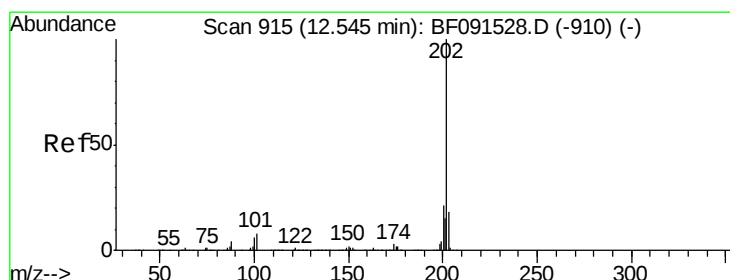
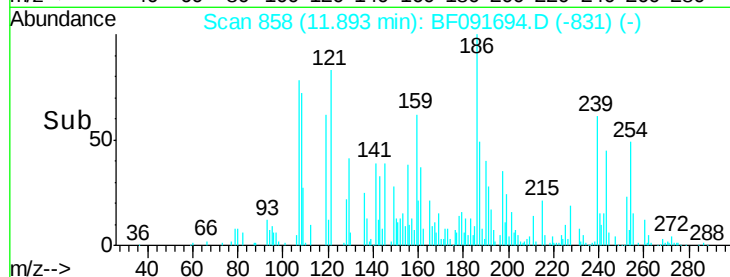
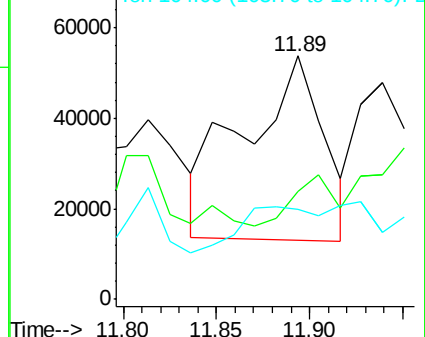
104 37.0 4.0 6.0#



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: 9.75 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

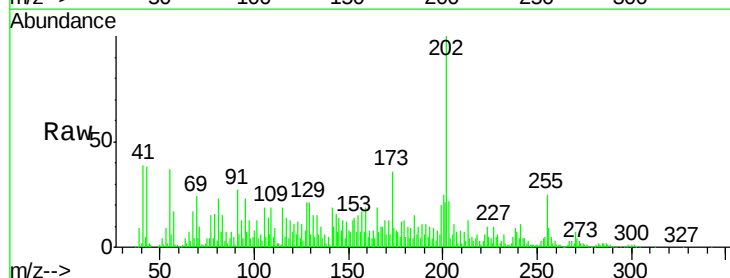
Tgt Ion:202 Resp: 243403

Ion Ratio Lower Upper

202 100

101 13.0 0.0 29.5

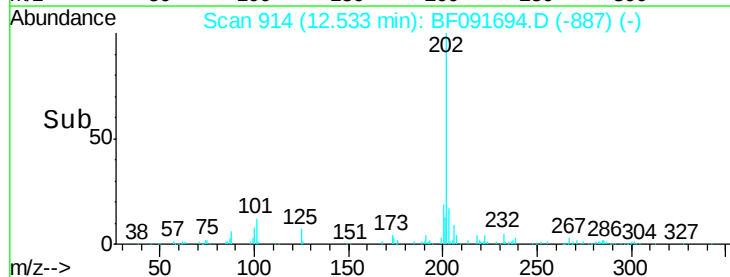
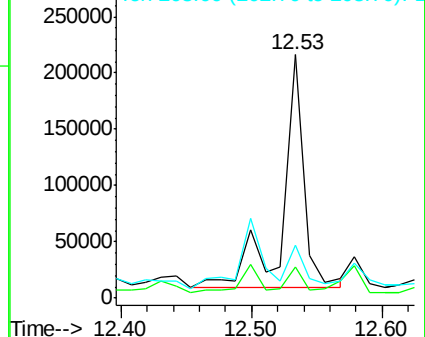
203 21.6 0.0 37.8

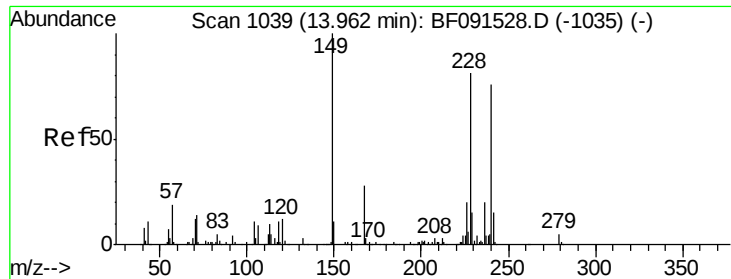


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

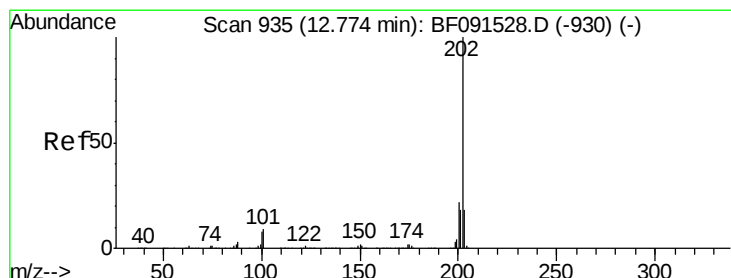
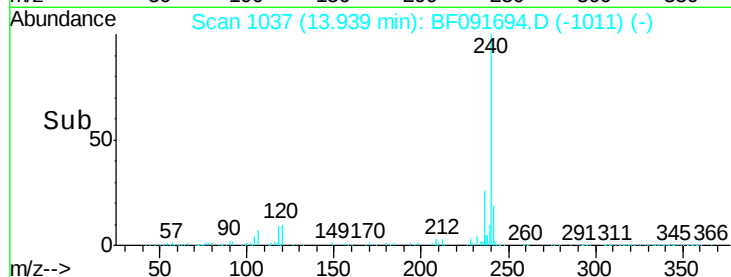
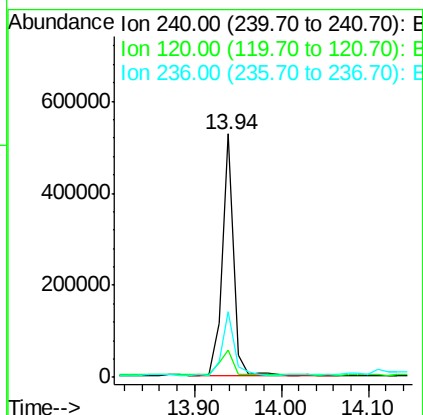
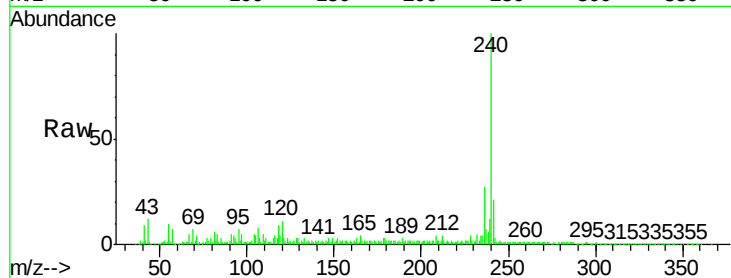




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

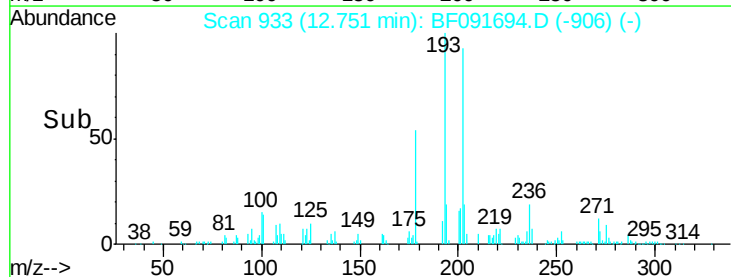
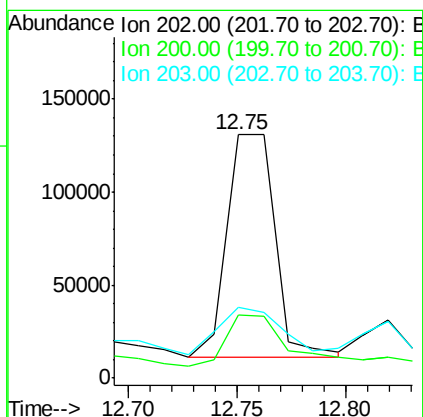
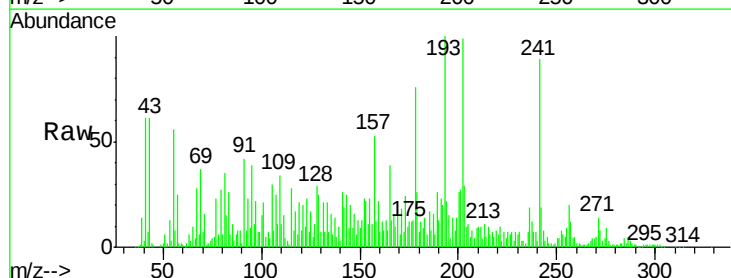
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

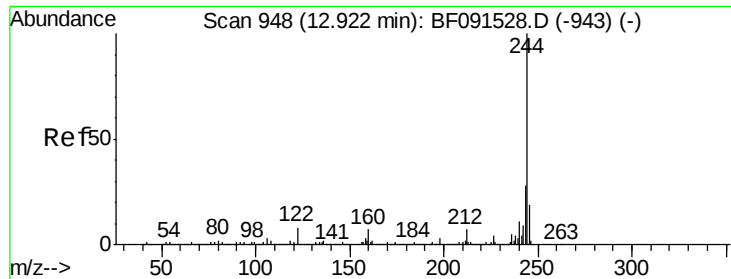
Tgt Ion:240 Resp: 479092
Ion Ratio Lower Upper
240 100
120 11.1 12.1 18.1#
236 26.8 21.0 31.6



#77
Pyrene
Concen: 4.81 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion:202 Resp: 182750
Ion Ratio Lower Upper
202 100
200 26.2 17.6 26.4
203 28.8 14.0 21.0#





#78

Terphenyl-d14

Concen: 38.93 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

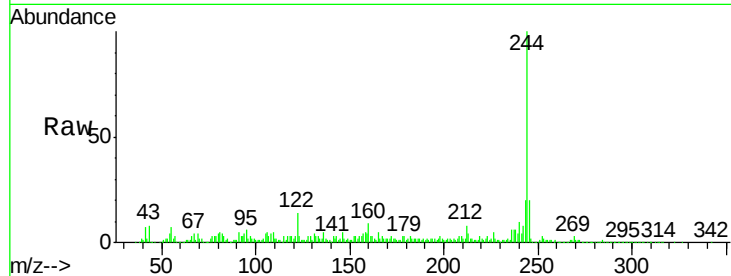
Tgt Ion:244 Resp: 821956

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

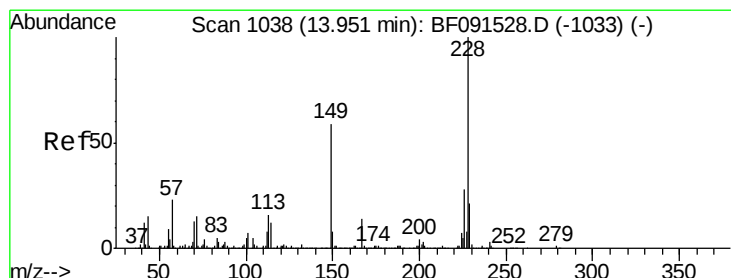
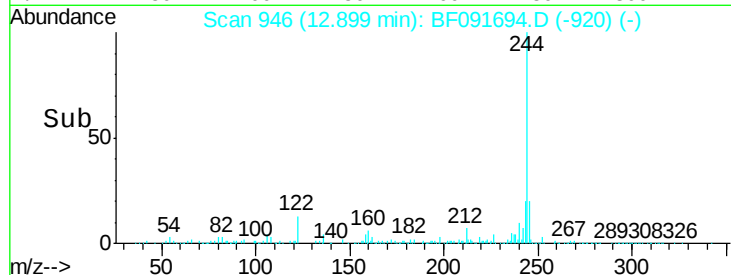
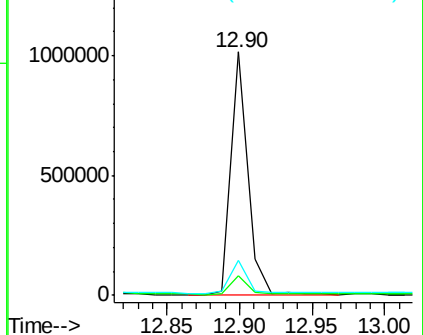
122 14.3 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.82 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

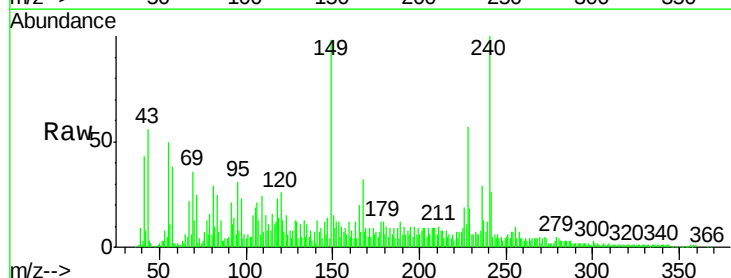
Tgt Ion:228 Resp: 78571

Ion Ratio Lower Upper

228 100

226 32.3 22.5 33.7

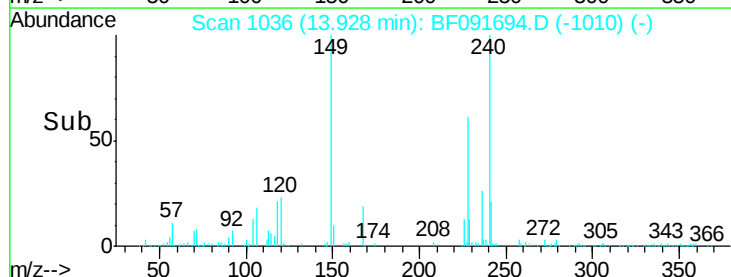
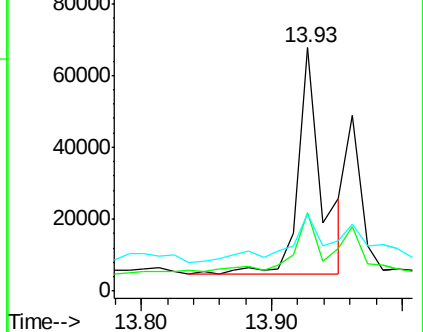
229 31.9 16.4 24.6#

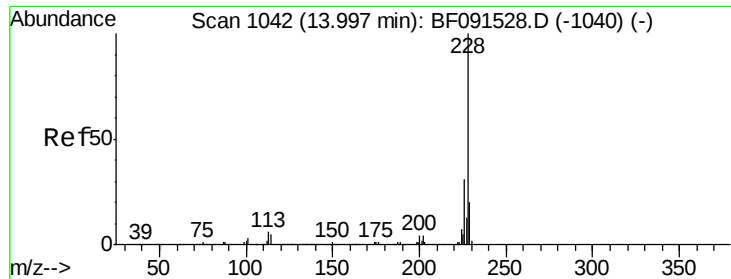


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.67 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16

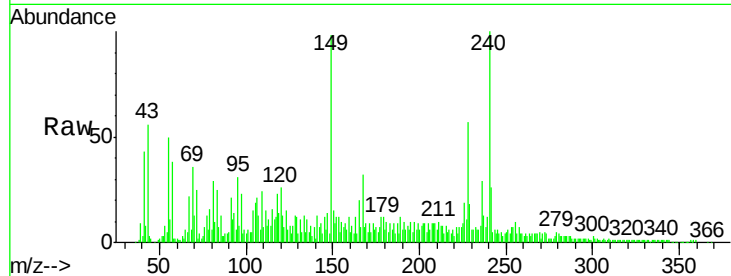
Tgt Ion:228 Resp: 77858

Ion Ratio Lower Upper

228 100

226 32.3 25.0 37.4

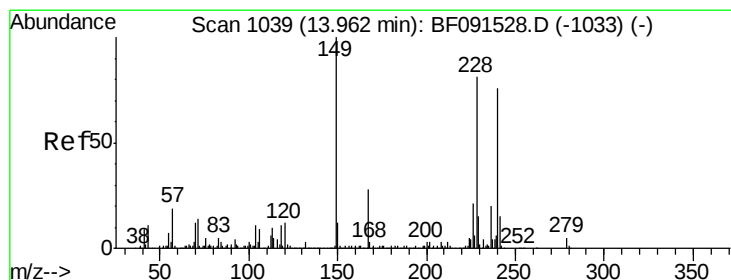
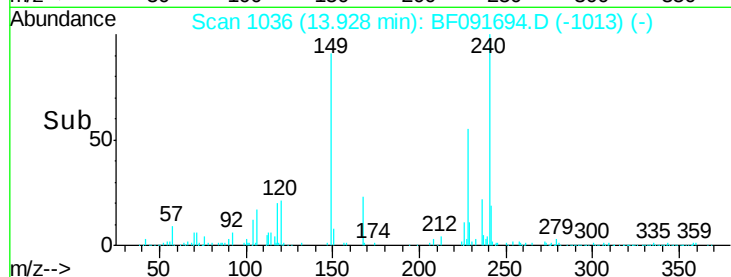
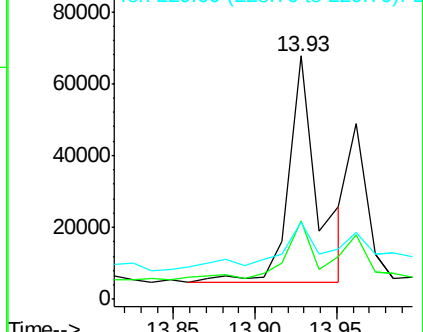
229 31.9 16.0 24.0#



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: 10.51 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091694.D

Acq: 17 Dec 2016 1:08

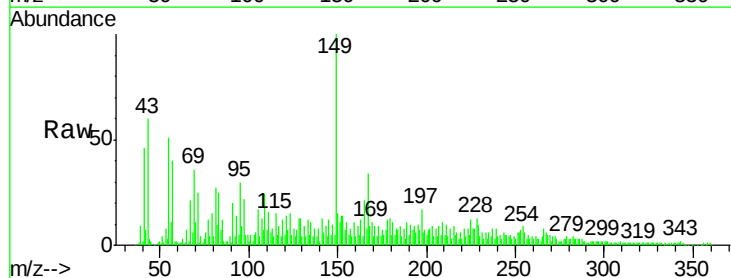
Tgt Ion:149 Resp: 199756

Ion Ratio Lower Upper

149 100

167 34.5 19.6 29.4#

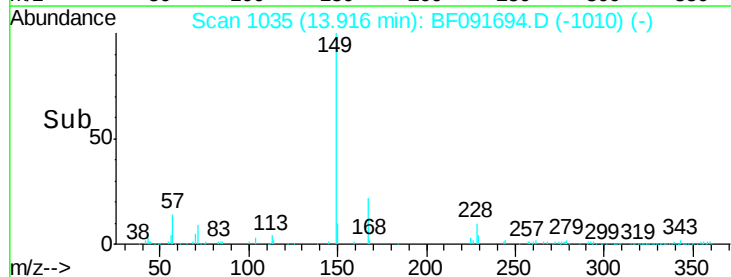
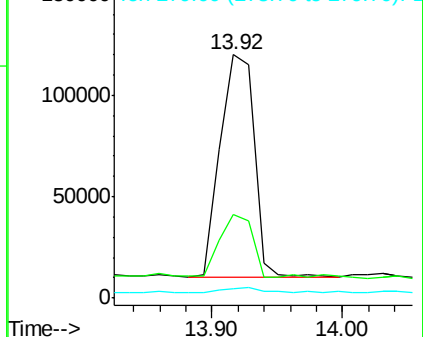
279 3.7 1.9 2.9#

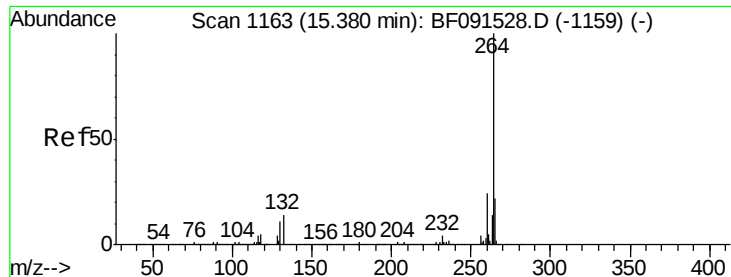


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

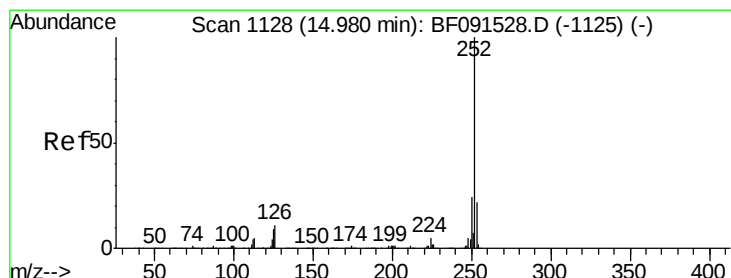
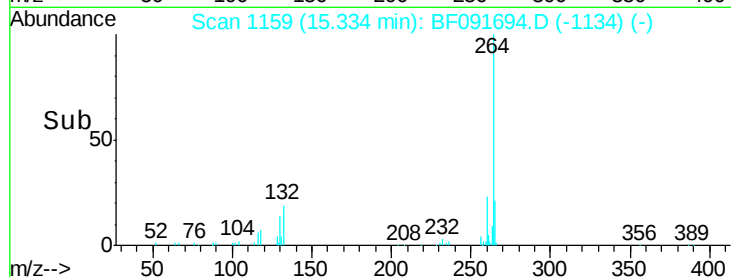
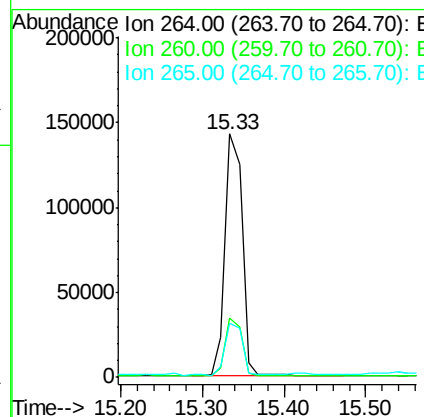
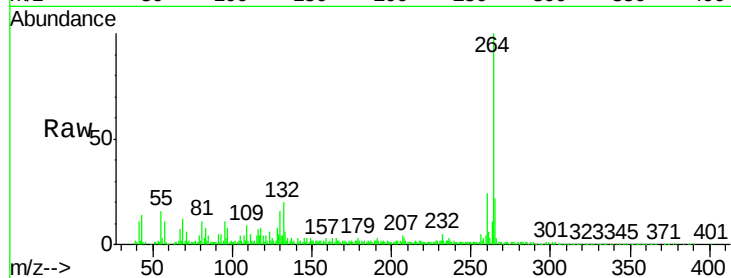




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

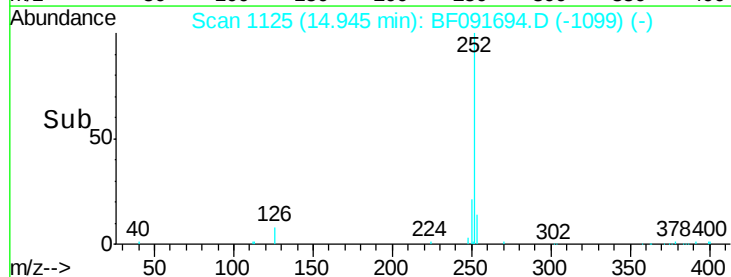
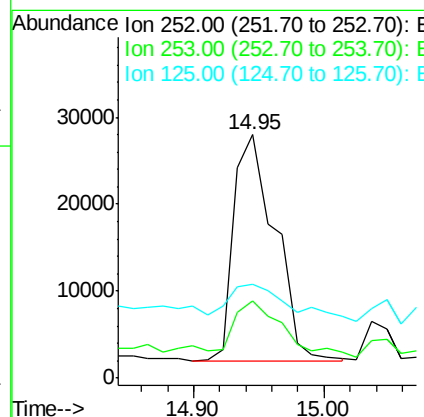
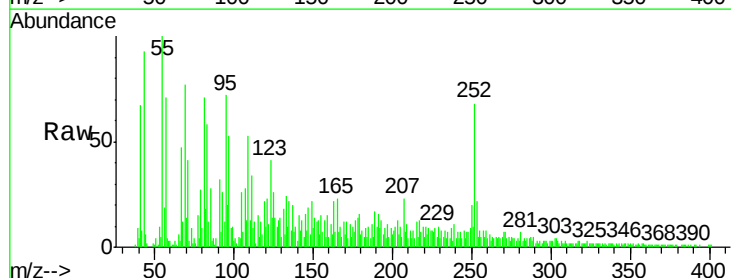
Instrument :
BNA_F
ClientSampleId :
SB-45(8-9)-12-14-16

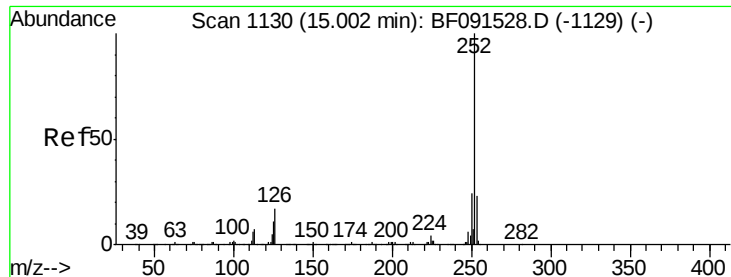
Tgt Ion: 264 Resp: 208779
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.4 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 4.58 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF091694.D
Acq: 17 Dec 2016 1:08

Tgt Ion: 252 Resp: 56985
Ion Ratio Lower Upper
252 100
253 31.8 18.2 27.2#
125 38.5 8.6 13.0#





#88

Benzo(k)fluoranthene

Concen: 5.21 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF091694.D

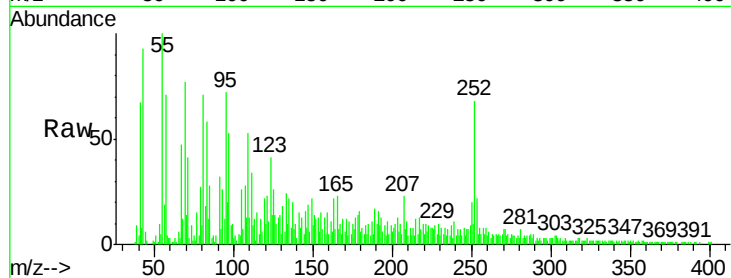
Acq: 17 Dec 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SB-45(8-9)-12-14-16



Tgt Ion:	252	Resp:	56985
Ion	Ratio	Lower	Upper
252	100		
253	31.8	17.8	26.8#
125	38.5	9.6	14.4#

