

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091774.D
 Acq On : 19 Dec 2016 11:22
 Operator : UM/SJ
 Sample : H6089-01DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2DL

Quant Time: Dec 19 12:03:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	196677	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	536652	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	299204	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	436423	20.00	ng	0.00
75) Chrysene-d12	13.91	240	395188	20.00	ng	-0.02
86) Perylene-d12	15.30	264	409106	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	667582	56.87	ng	-0.01
7) Phenol-d6	6.40	99	799685	55.86	ng	-0.02
23) Nitrobenzene-d5	7.32	82	547002	58.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	102275	40.31	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	695508	46.70	ng	0.00
78) Terphenyl-d14	12.87	244	575284	36.76	ng	-0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.28	77	87857	7.86	ng	# 1
10) Phenol	6.42	94	37349	2.31	ng	# 71
15) Benzyl Alcohol	6.92	79	26673	2.41	ng	# 35
18) Hexachloroethane	7.26	117	93529	17.53	ng	# 1
19) n-Nitroso-di-n-propylamine	7.20	70	35284	3.71	ng	# 63
22) Acetophenone	7.16	105	488888	37.73	ng	# 47
24) Nitrobenzene	7.31	77	128306	12.84	ng	# 33
25) Isophorone	7.57	82	161040	9.07	ng	# 1
26) 2-Nitrophenol	7.68	139	15544	3.22	ng	# 1
27) 2,4-Dimethylphenol	7.71	122	23787	3.02	ng	# 1
28) bis(2-Chloroethoxy)methane	7.82	93	36434	3.51	ng	# 1
29) 2,4-Dichlorophenol	7.90	162	20422	2.82	ng	# 2
31) Naphthalene	8.08	128	1566607	61.10	ng	97
32) Benzoic acid	7.85	122	14979	2.67	ng	# 12
33) 4-Chloroaniline	8.08	127	304813	28.22	ng	# 41
35) Caprolactam	8.50	113	242876	104.07	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	37053	4.63	ng	# 23
37) 2-Methylnaphthalene	8.78	142	3981665	246.34	ng	98
45) 1,1'-Biophenyl	9.23	154	510438	23.80	ng	96
47) 2-Nitroaniline	9.33	65	20027	3.66	ng	# 47
48) Acenaphthylene	9.68	152	118705	4.78	ng	# 1
49) Dimethylphthalate	9.53	163	80586	4.12	ng	# 61
50) 2,6-Dinitrotoluene	9.58	165	12552	2.93	ng	# 1
51) Acenaphthene	9.85	154	313160	18.37	ng	# 82
54) Dibenzofuran	10.02	168	245686	12.12	ng	# 27
55) 4-Nitrophenol	9.93	139	225061	60.74	ng	# 42
56) 2,4-Dinitrotoluene	10.02	165	101575	18.98	ng	# 50
57) Fluorene	10.36	166	663246	42.13	ng	# 93
61) 4-Nitroaniline	10.43	138	10603	2.10	ng	92
62) Azobenzene	10.51	77	56104	2.74	ng	# 1
65) n-Nitrosodiphenylamine	10.48	169	876624	64.69	ng	# 52
68) Atrazine	11.01	200	32638	7.97	ng	# 62
70) Phenanthrene	11.31	178	1677035	76.90	ng	96
71) Anthracene	11.31	178	1677035	72.61	ng	98

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QLast Update : Sat Dec 17 22:53:54 2016
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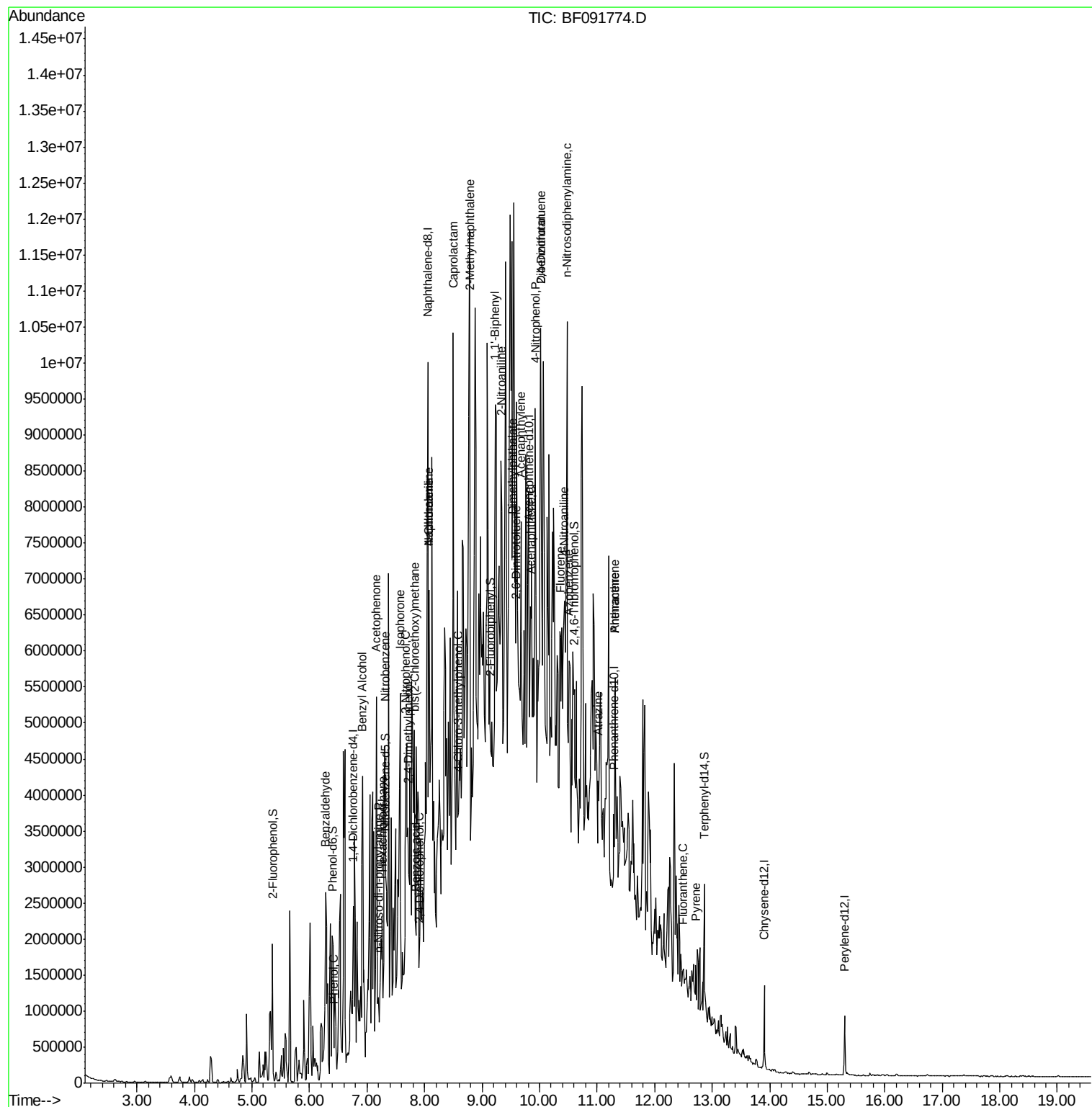
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	12.50	202	58057	2.55	ng	81
77) Pyrene	12.72	202	312600	10.95	ng	95

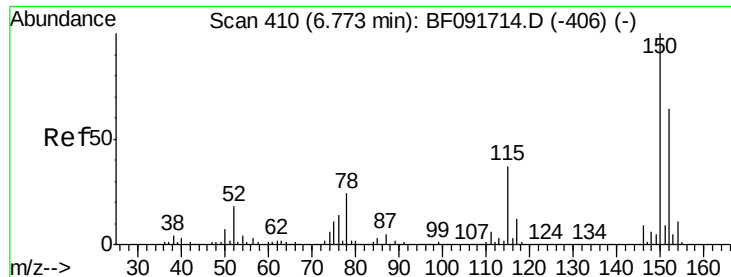
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

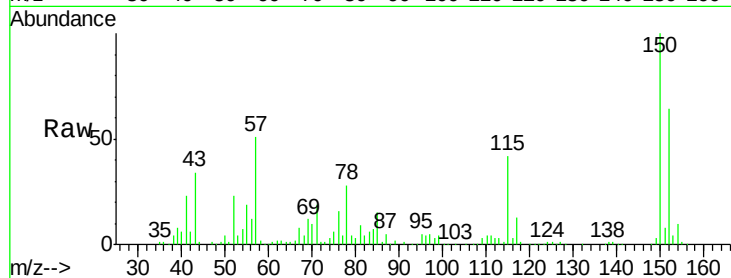
Tot Ion:152 Resp: 196677

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

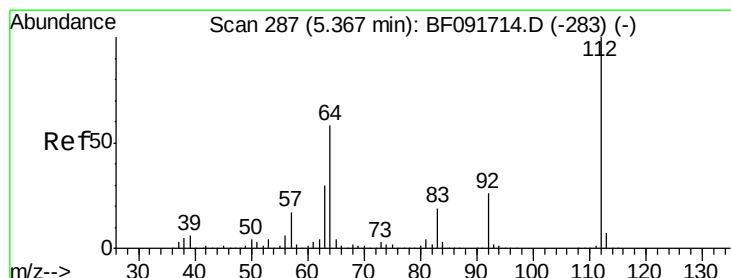
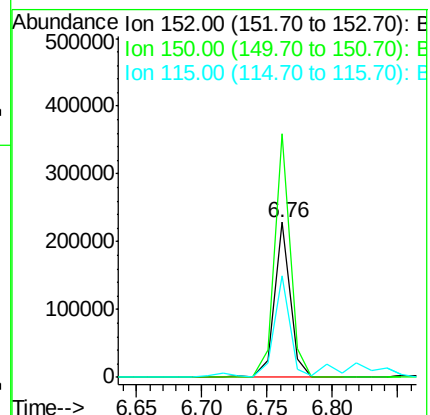
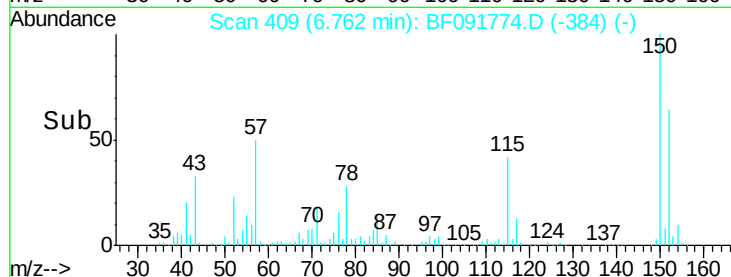
115 65.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 56.87 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

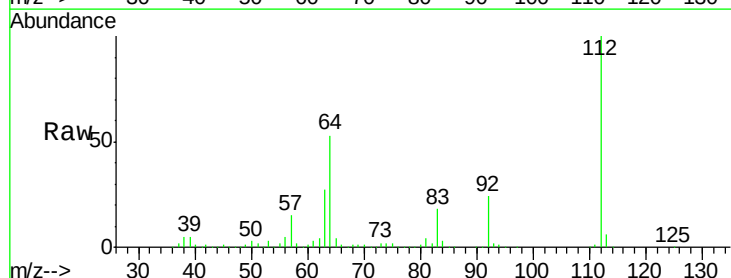
Tgt Ion:112 Resp: 667582

Ion Ratio Lower Upper

112 100

64 53.0 46.1 69.1

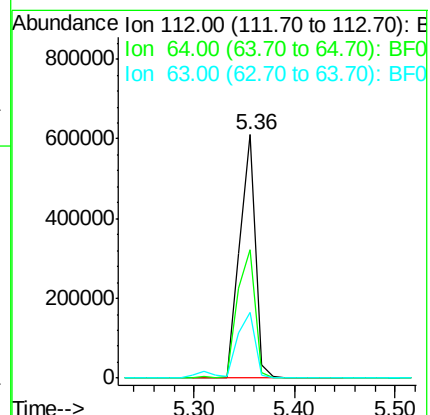
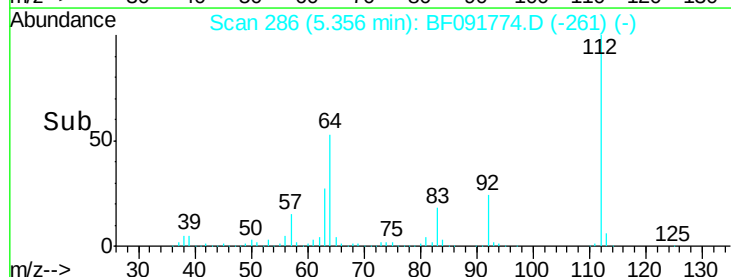
63 26.8 23.8 35.6

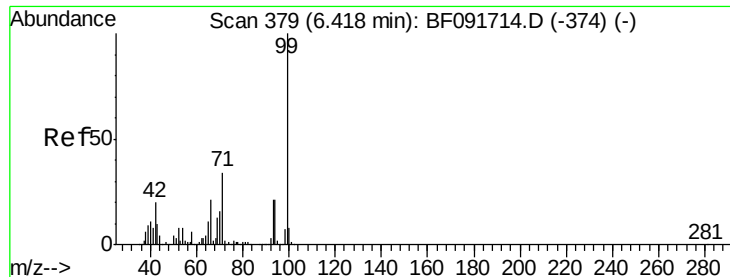


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.86 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

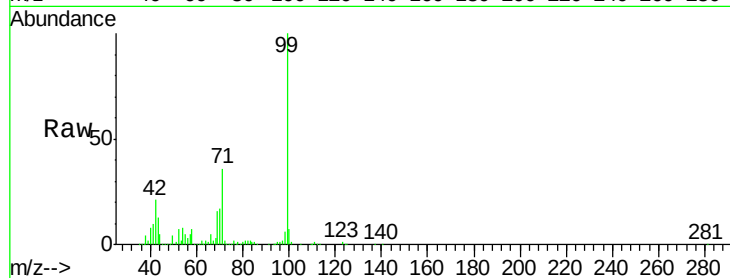
Tot Ion: 99 Resp: 799685

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

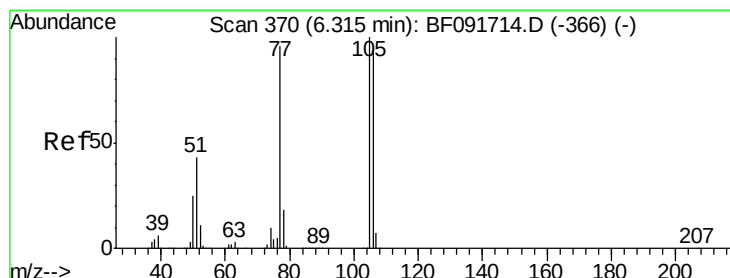
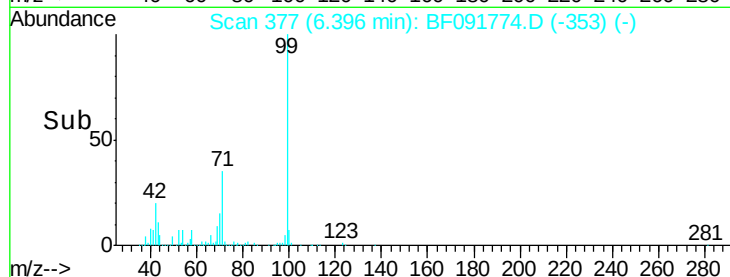
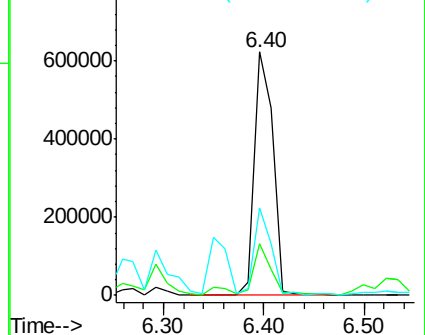
71 35.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 7.86 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.03 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

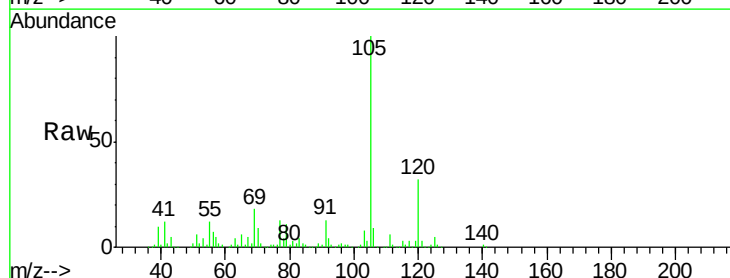
Tgt Ion: 77 Resp: 87857

Ion Ratio Lower Upper

77 100

105 767.0 83.9 123.9#

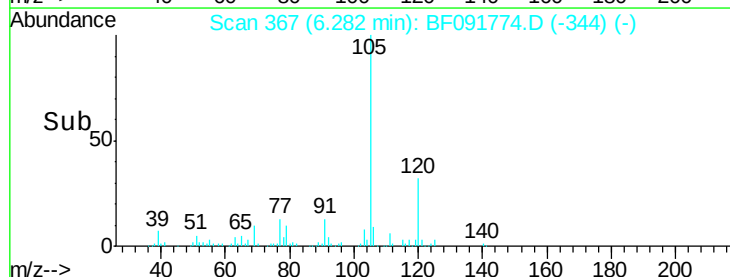
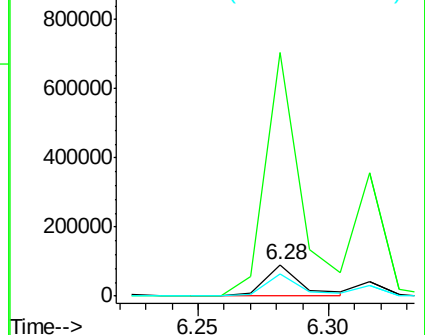
106 70.1 77.6 117.6#

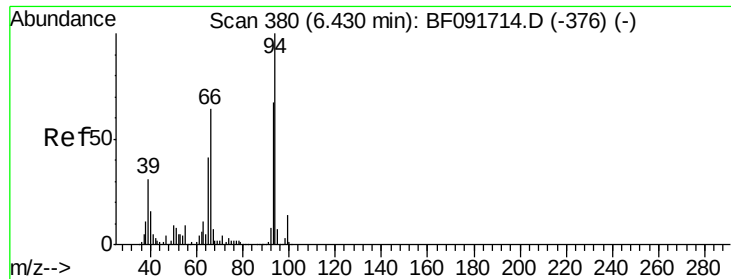


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.31 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

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ClientSampleId :

T-2DL

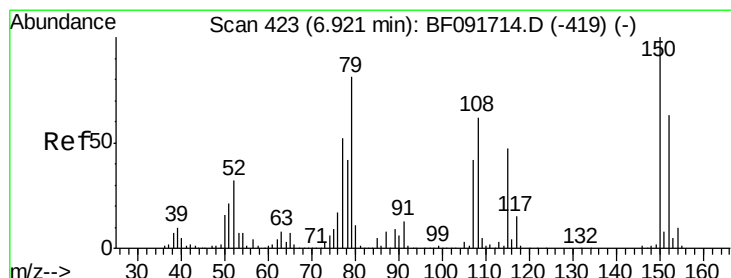
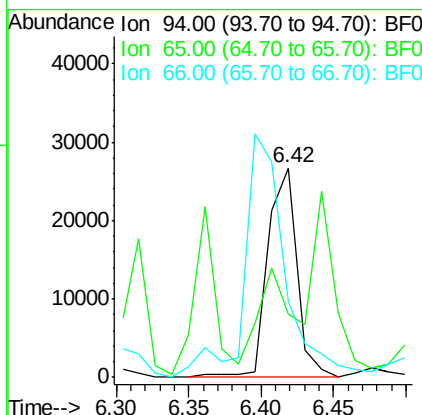
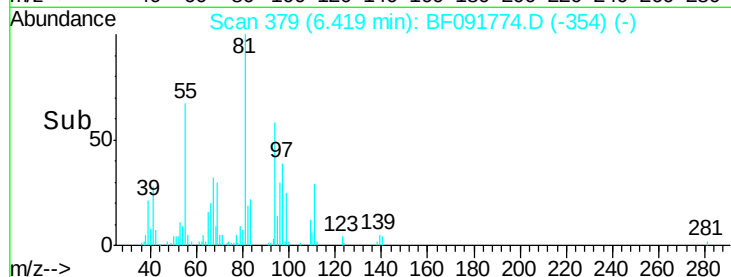
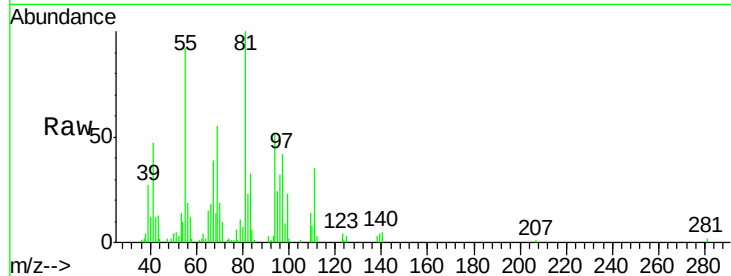
Tot Ion: 94 Resp: 37349

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

66 36.0 44.0 84.0#



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

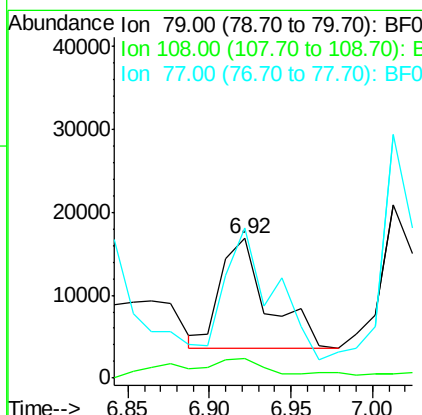
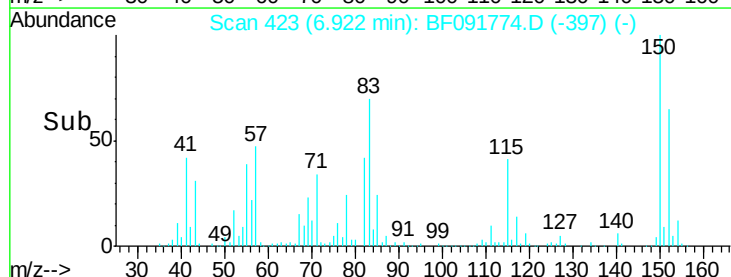
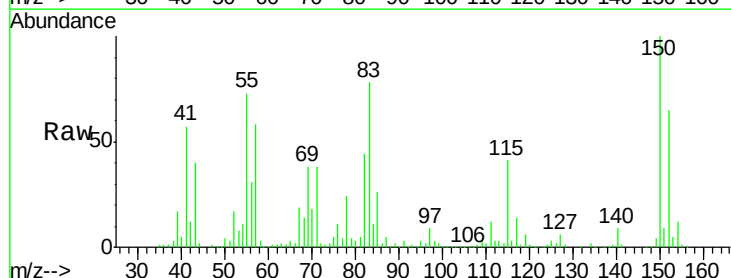
Tgt Ion: 79 Resp: 26673

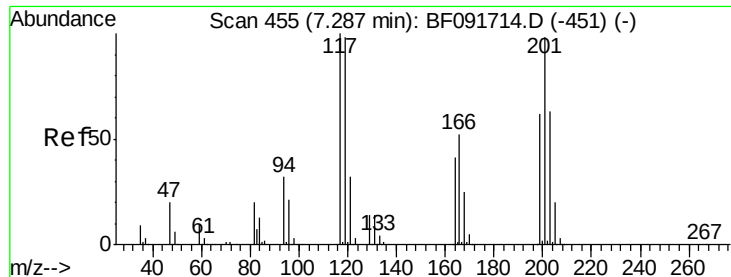
Ion Ratio Lower Upper

79 100

108 14.5 61.4 92.0#

77 107.6 50.9 76.3#





#18

Hexachloroethane

Concen: 17.53 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

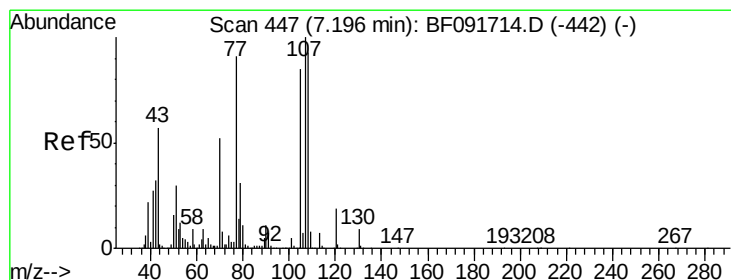
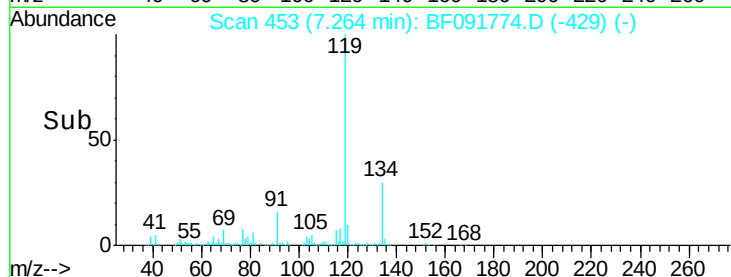
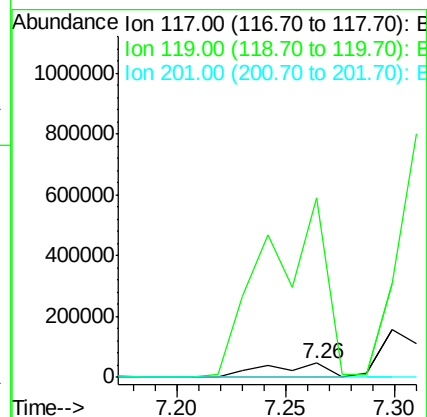
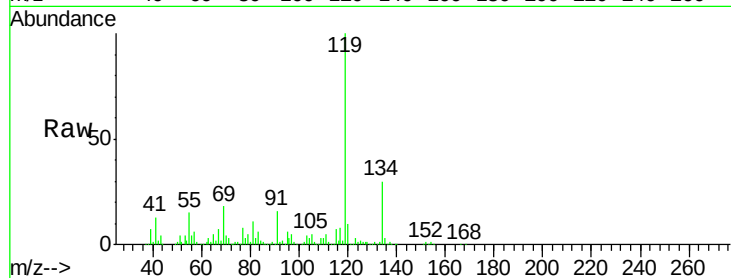
Tot Ion:117 Resp: 93529

Ion Ratio Lower Upper

117 100

119 1250.0 78.1 117.1#

201 0.0 78.6 117.8#



#19

n-Nitroso-di-n-propylamine

Concen: 3.71 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Tgt Ion: 70 Resp: 35284

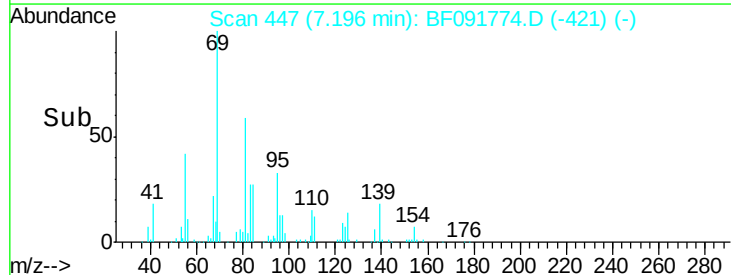
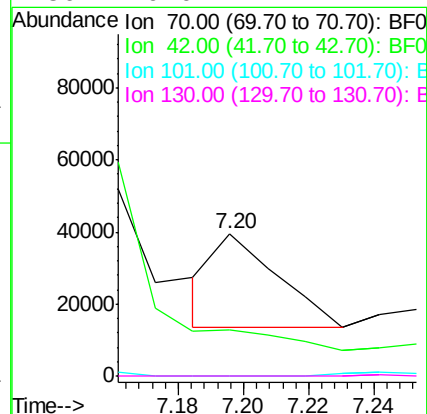
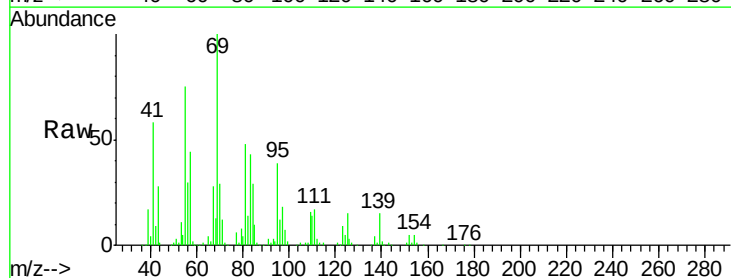
Ion Ratio Lower Upper

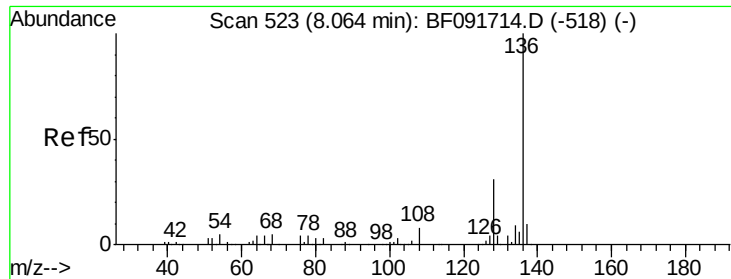
70 100

42 32.6 49.4 74.0#

101 0.0 7.4 11.2#

130 0.0 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

Tot Ion:136 Resp: 536652

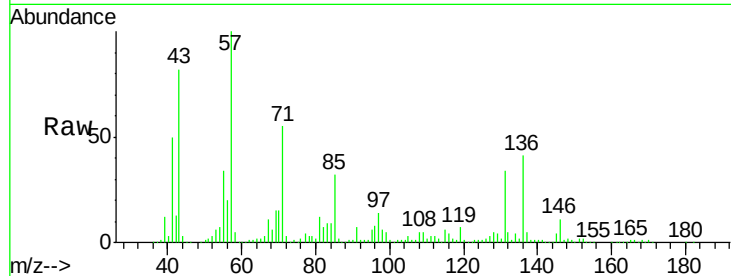
Ion Ratio Lower Upper

136 100

137 12.5 8.4 12.6

54 16.1 4.5 6.7#

68 13.9 3.6 5.4#

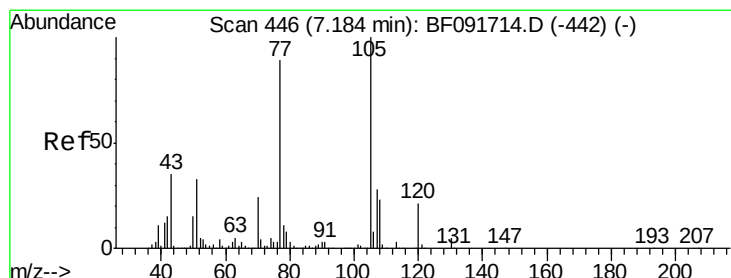
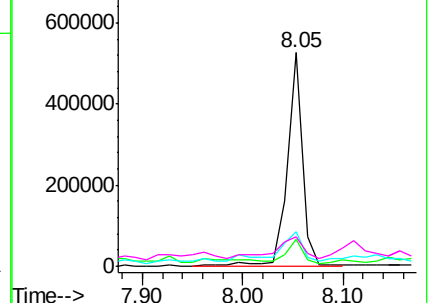
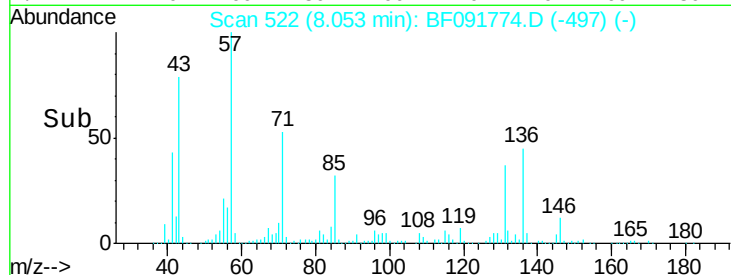


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.73 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Tgt Ion:105 Resp: 488888

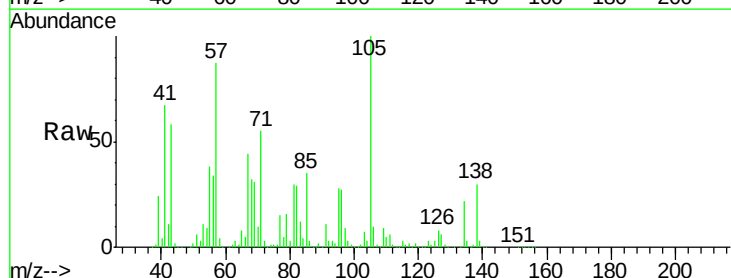
Ion Ratio Lower Upper

105 100

71 54.5 3.2 4.8#

51 6.2 26.2 39.4#

120 0.3 16.6 24.8#

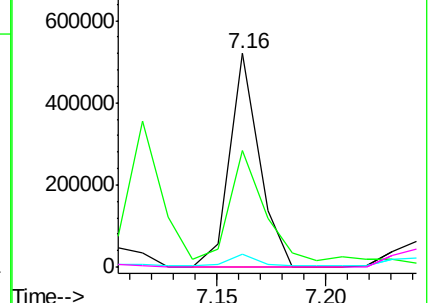
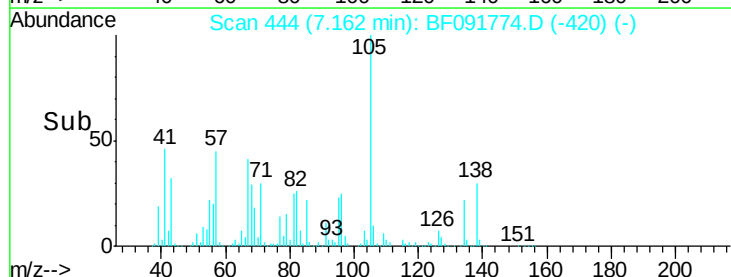


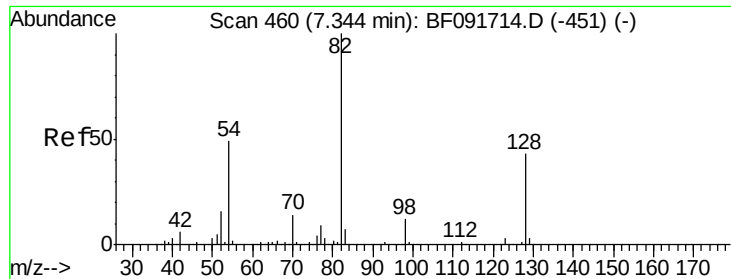
Abundance Ion 105.00 (104.70 to 105.70): E

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

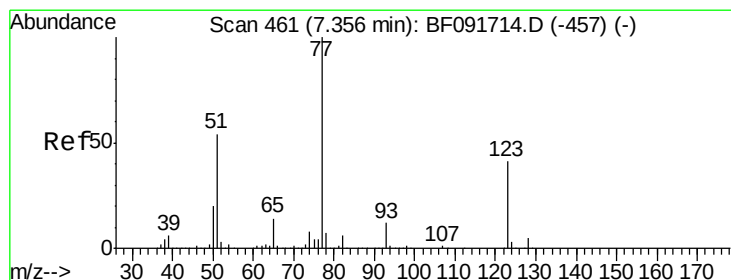
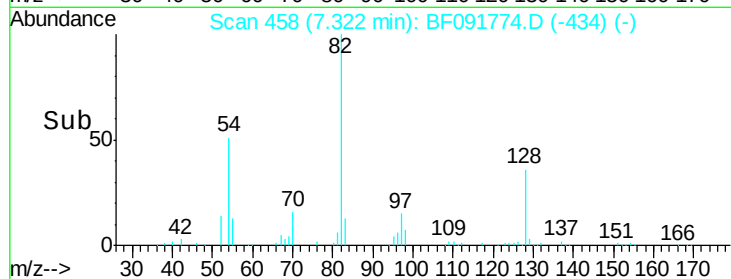
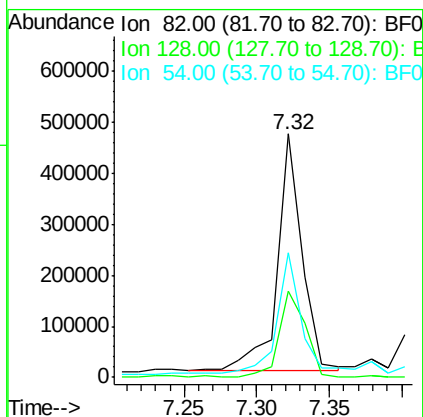
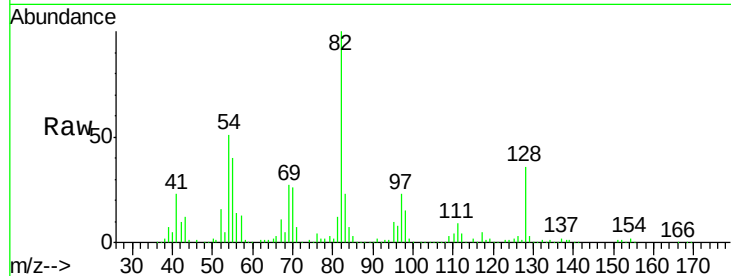




#23
Nitrobenzene-d5
Concen: 58.78 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

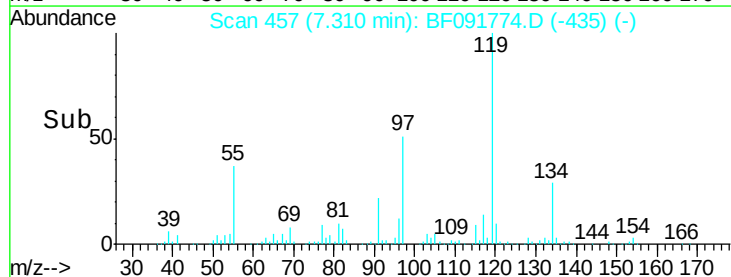
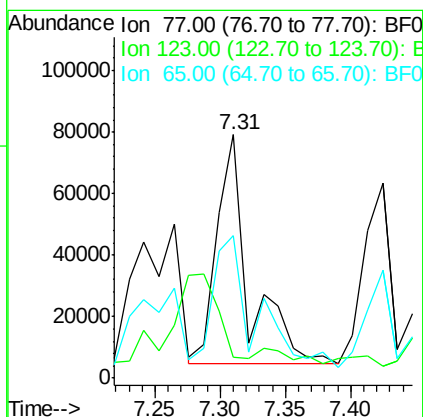
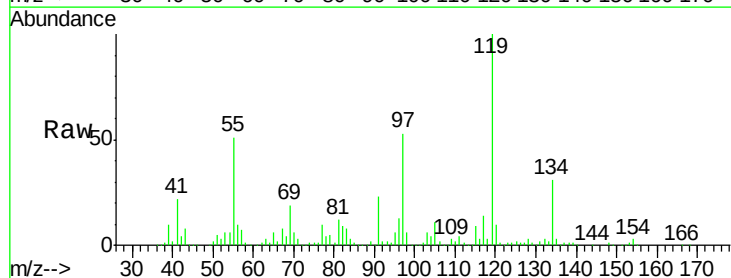
Instrument :
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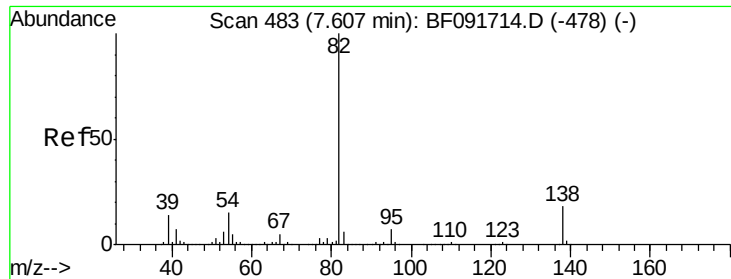
Tot Ion: 82 Resp: 547002
Ion Ratio Lower Upper
82 100
128 35.6 34.6 52.0
54 51.4 39.5 59.3



#24
Nitrobenzene
Concen: 12.84 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.05 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

Tgt Ion: 77 Resp: 128306
Ion Ratio Lower Upper
77 100
123 8.6 33.0 49.4#
65 58.8 11.2 16.8#





#25

Isophorone

Concen: 9.07 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

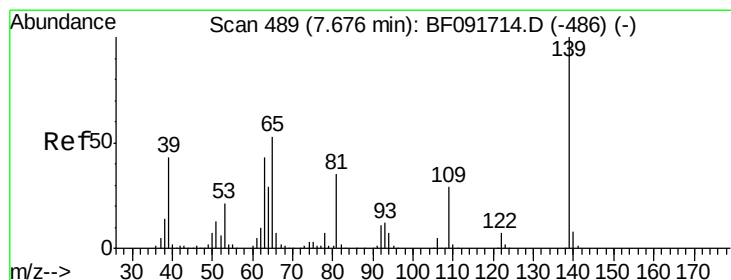
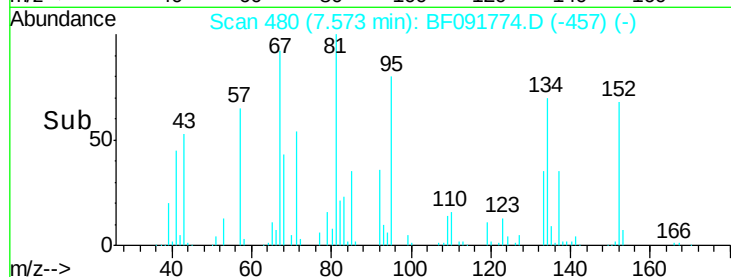
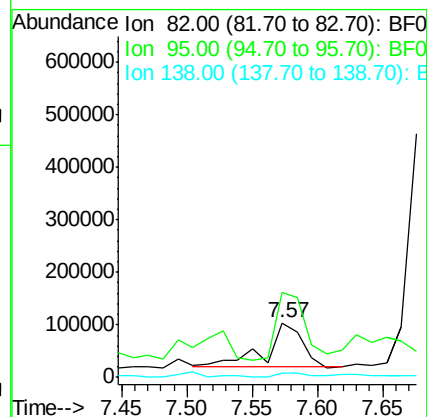
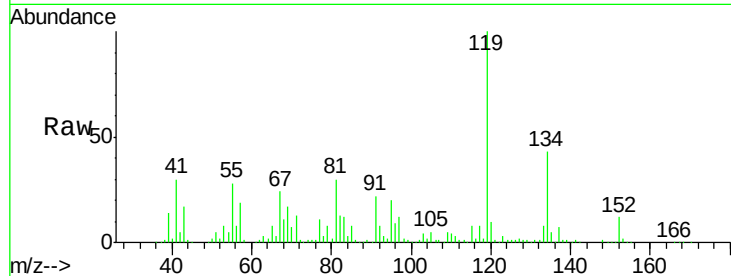
Tot Ion: 82 Resp: 161040

Ion Ratio Lower Upper

82 100

95 156.3 5.6 8.4#

138 7.2 14.6 22.0#



#26

2-Nitrophenol

Concen: 3.22 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

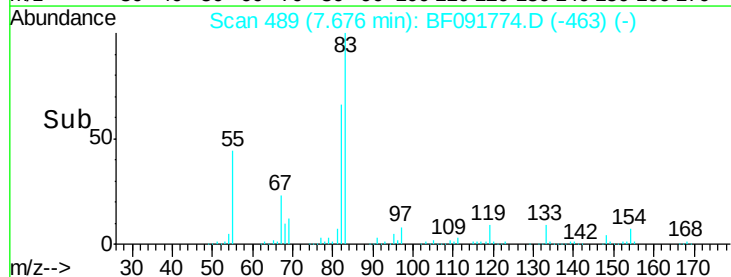
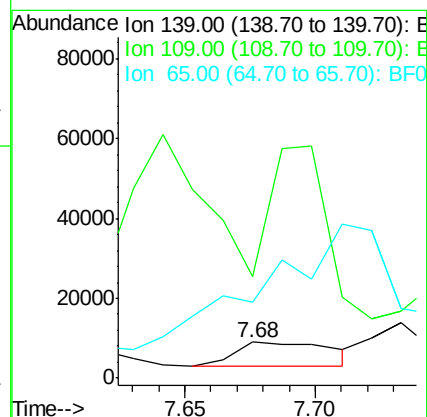
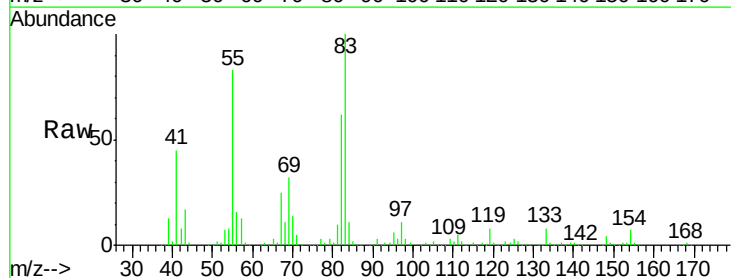
Tgt Ion: 139 Resp: 15544

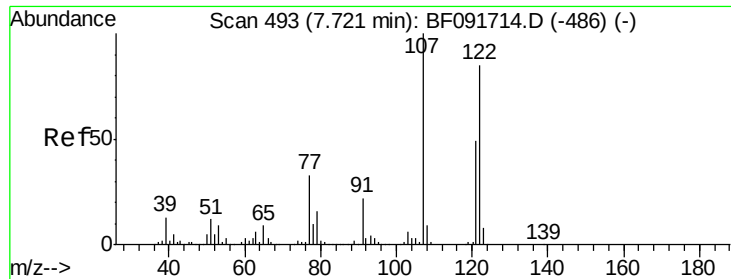
Ion Ratio Lower Upper

139 100

109 281.2 23.3 34.9#

65 210.0 42.7 64.1#

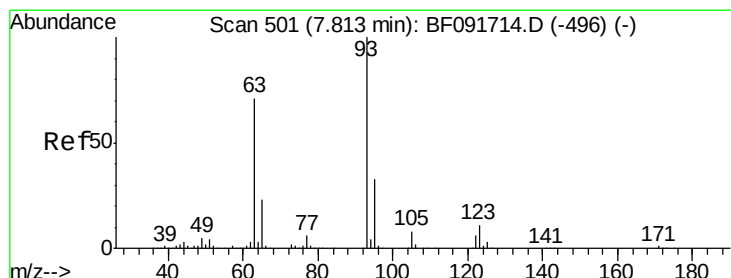
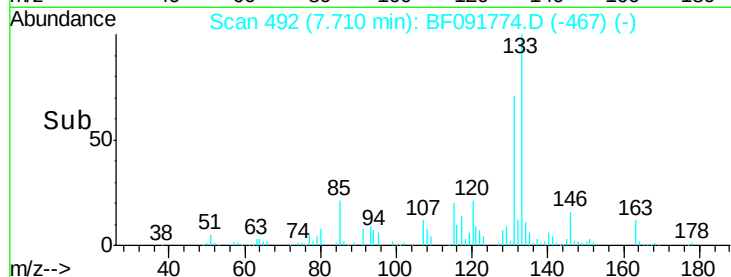
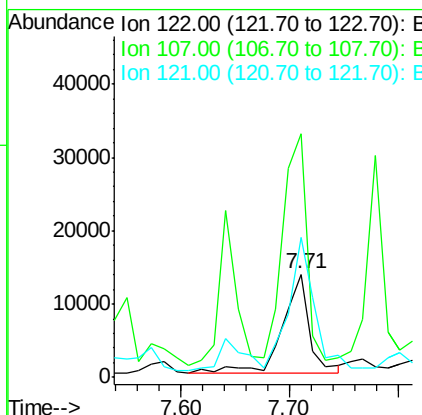
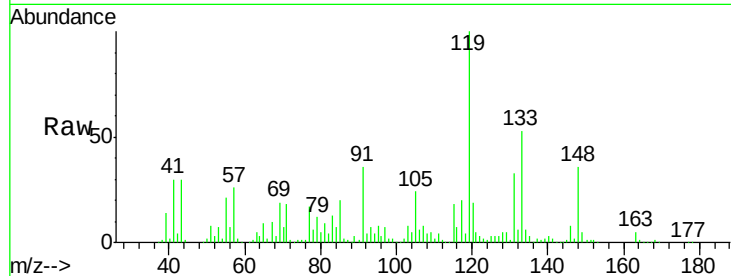




#27
 2,4-Dimethylphenol
 Concen: 3.02 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

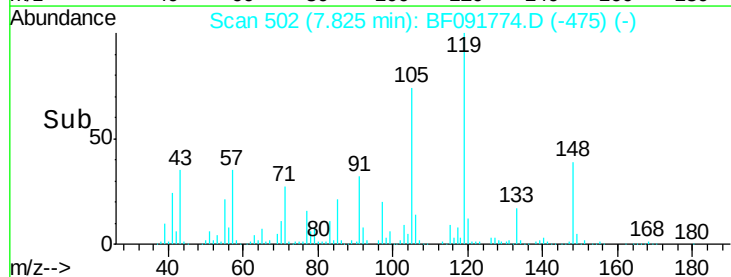
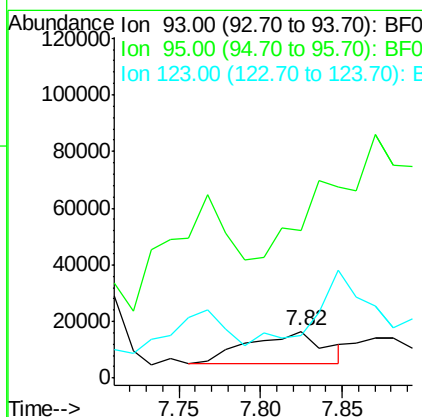
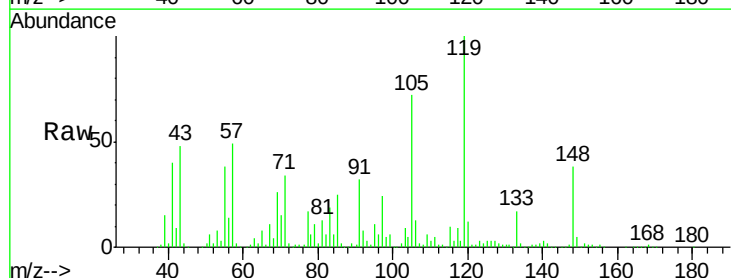
Instrument :
 BNA_F
 ClientSampled :
 T-2DL

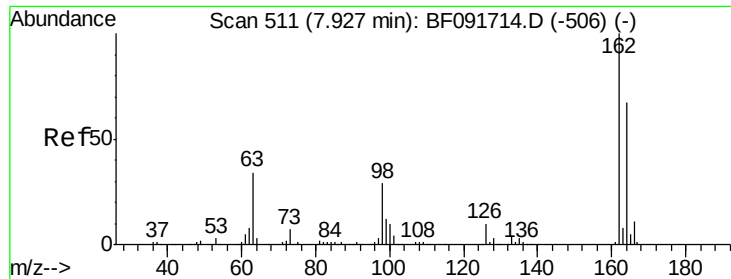
Tot Ion:122 Resp: 23787
 Ion Ratio Lower Upper
 122 100
 107 235.5 94.1 141.1#
 121 135.3 46.0 69.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.51 ng
 RT: 7.82 min Scan# 502
 Delta R.T. 0.01 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Tgt Ion: 93 Resp: 36434
 Ion Ratio Lower Upper
 93 100
 95 315.5 26.5 39.7#
 123 90.2 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 2.82 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

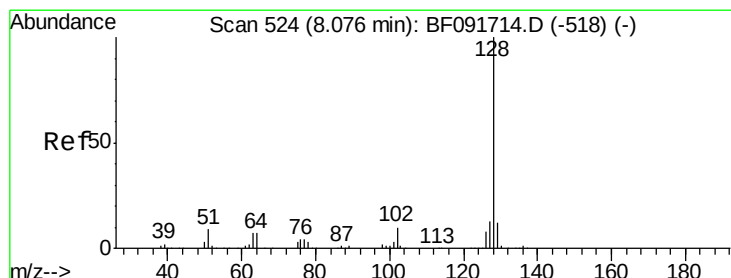
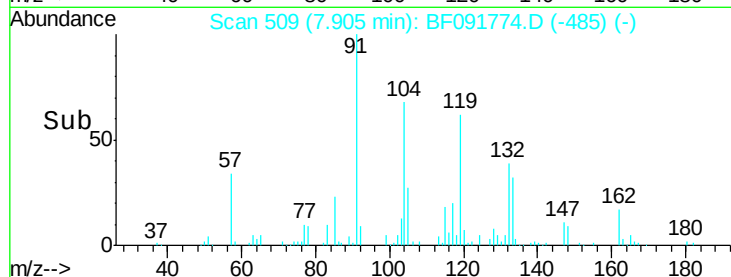
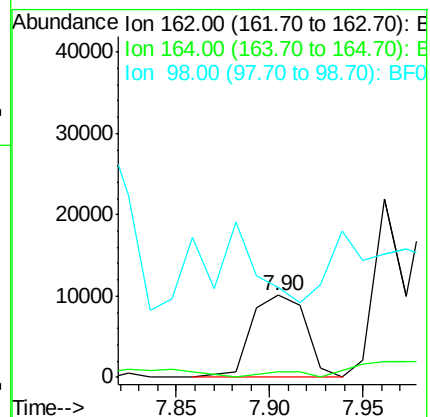
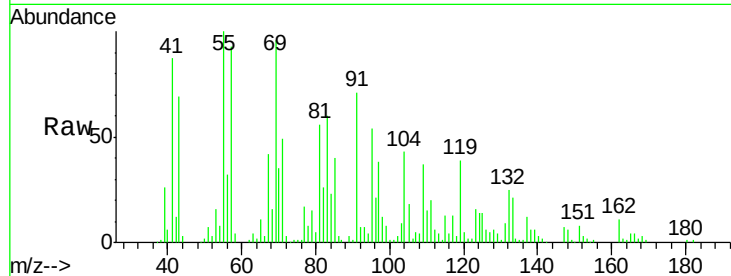
Tot Ion:162 Resp: 20422

Ion Ratio Lower Upper

162 100

164 6.6 46.8 86.8#

98 109.8 9.1 49.1#



#31

Naphthalene

Concen: 61.10 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

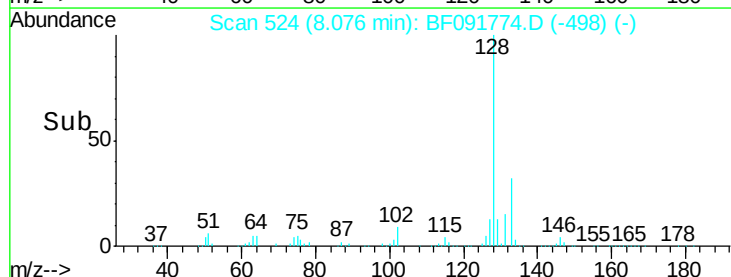
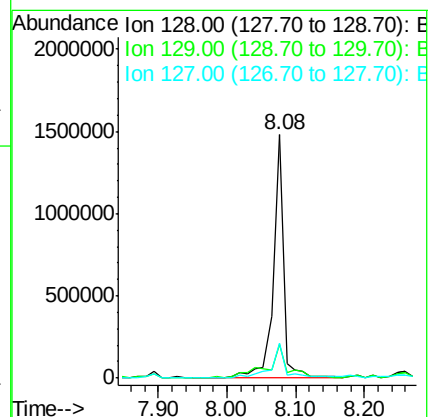
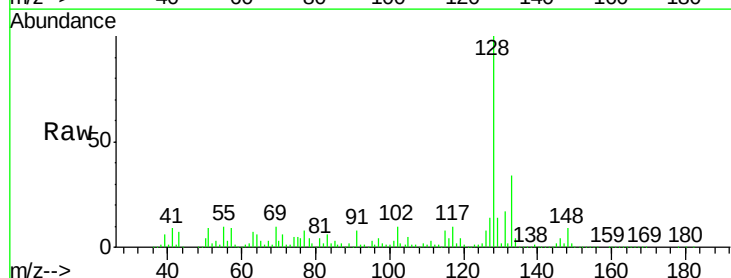
Tgt Ion:128 Resp: 1566607

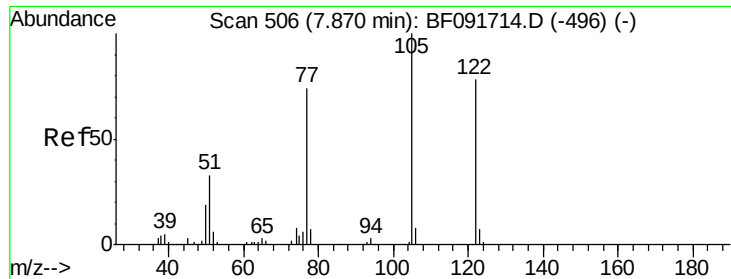
Ion Ratio Lower Upper

128 100

129 13.6 9.5 14.3

127 14.4 10.8 16.2





#32

Benzoic acid

Concen: 2.67 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampled :

T-2DL

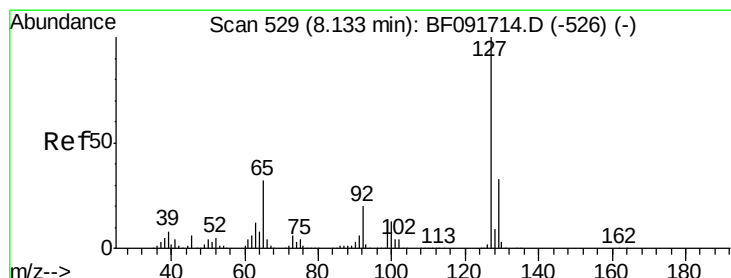
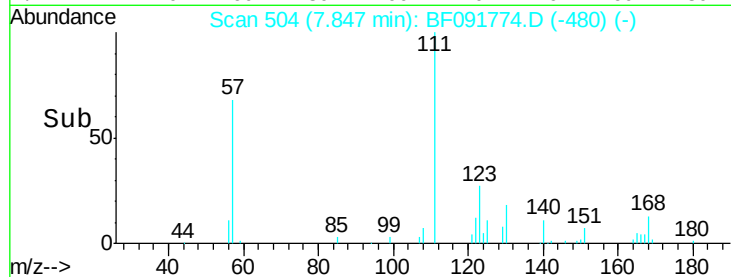
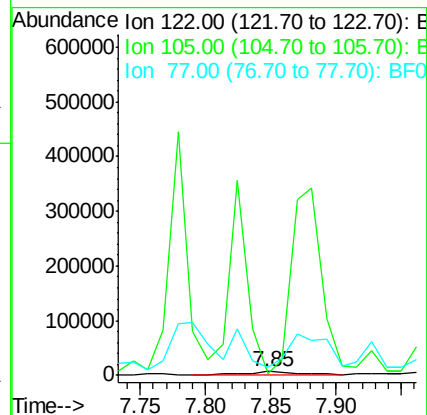
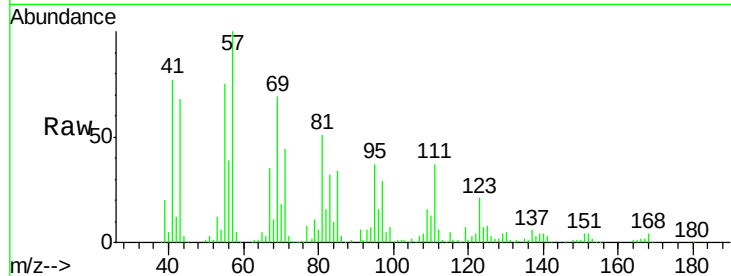
Tot Ion:122 Resp: 14979

Ion Ratio Lower Upper

122 100

105 39.8 107.2 147.2#

77 195.7 74.5 114.5#



#33

4-Chloroaniline

Concen: 28.22 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Tgt Ion:127 Resp: 304813

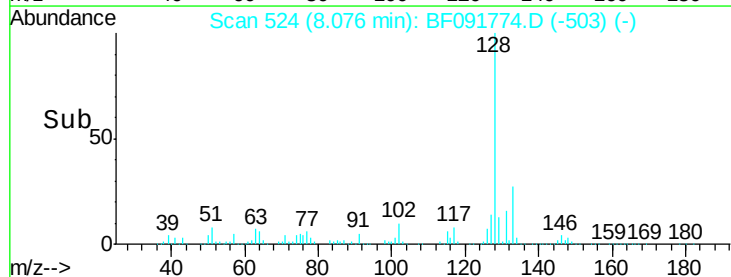
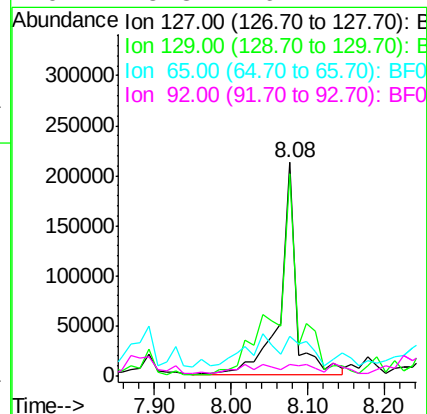
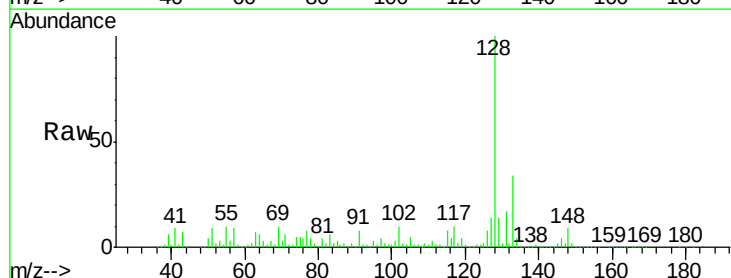
Ion Ratio Lower Upper

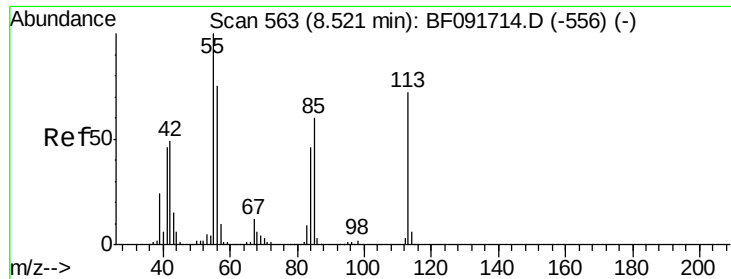
127 100

129 94.8 26.3 39.5#

65 18.7 25.8 38.8#

92 5.3 16.1 24.1#

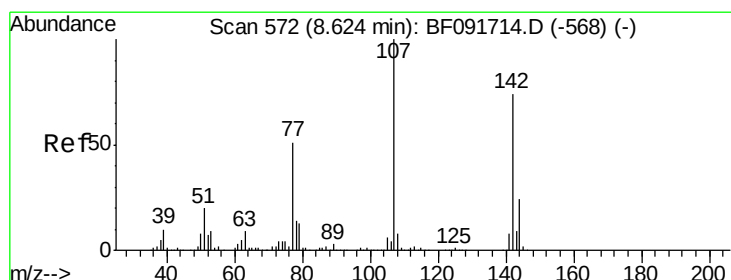
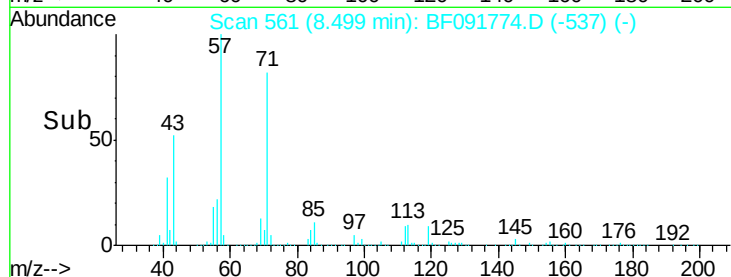
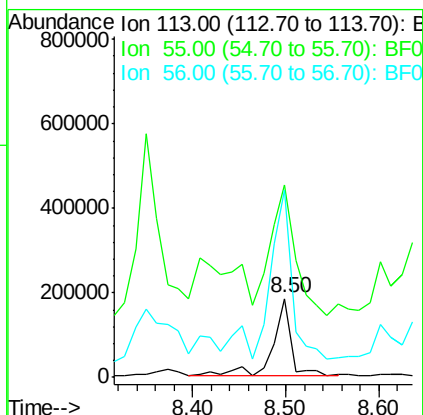
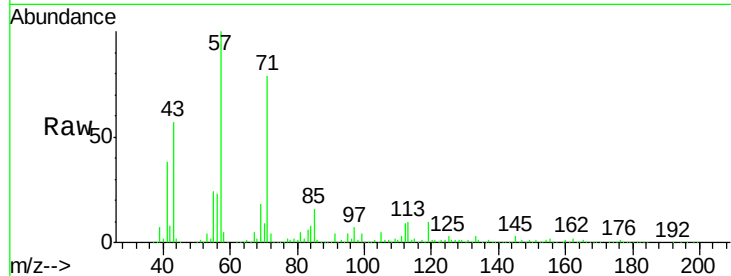




#35
 Caprolactam
 Concen: 104.07 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

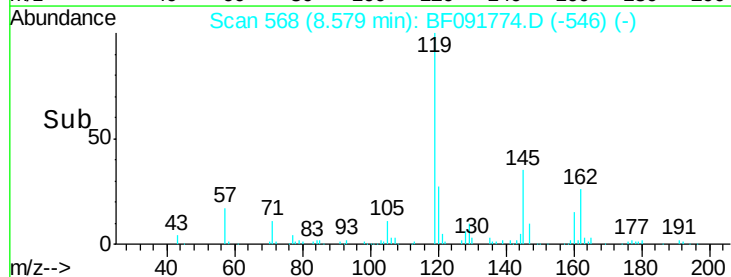
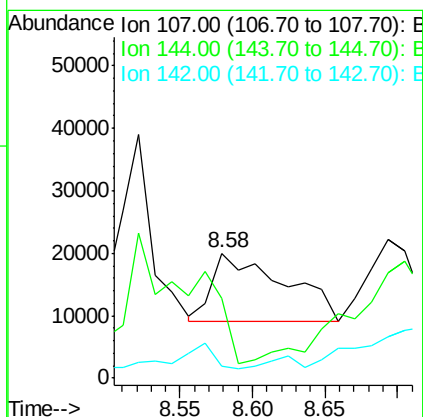
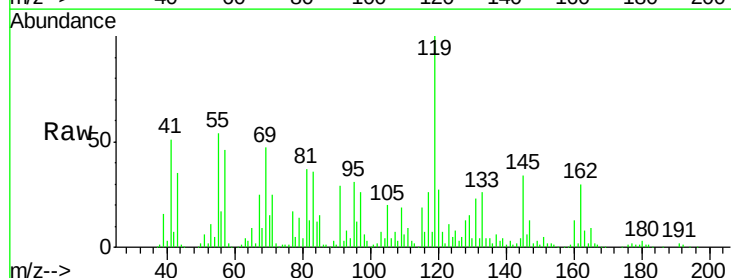
Instrument :
 BNA_F
 ClientSampleId :
 T-2DL

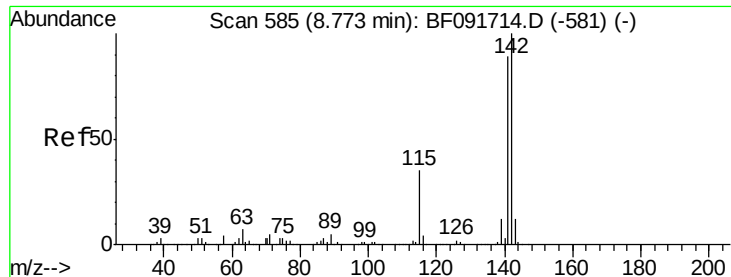
Tot Ion:113 Resp: 242876
 Ion Ratio Lower Upper
 113 100
 55 242.9 119.2 159.2#
 56 236.1 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 4.63 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.05 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Tgt Ion:107 Resp: 37053
 Ion Ratio Lower Upper
 107 100
 144 63.9 19.3 28.9#
 142 9.3 59.0 88.6#

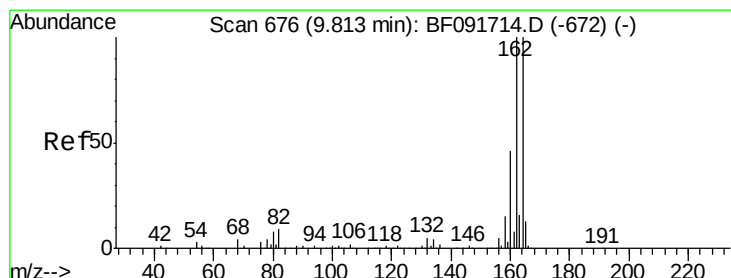
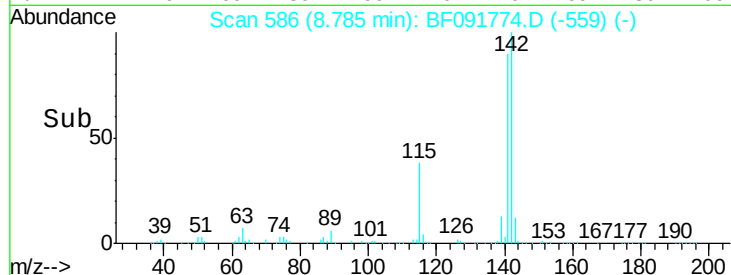
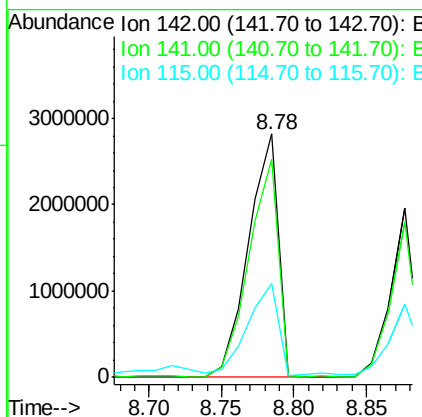
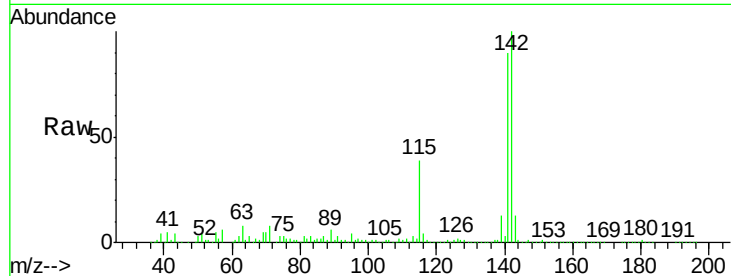




#37
 2-Methylnaphthalene
 Concen: 246.34 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.01 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

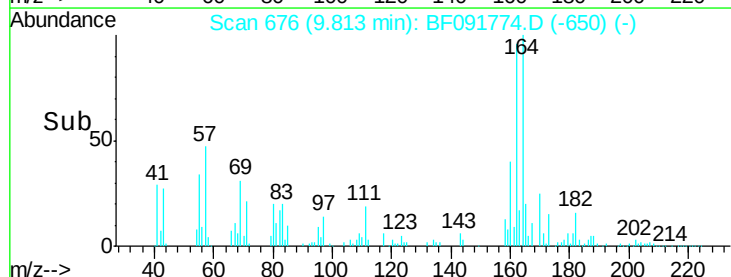
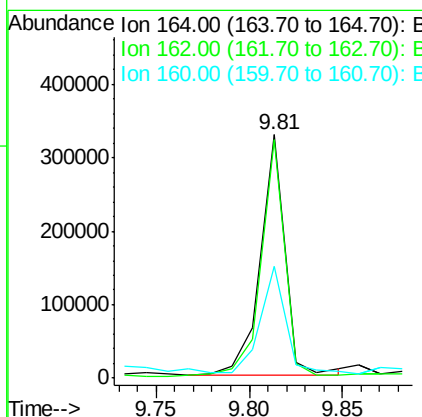
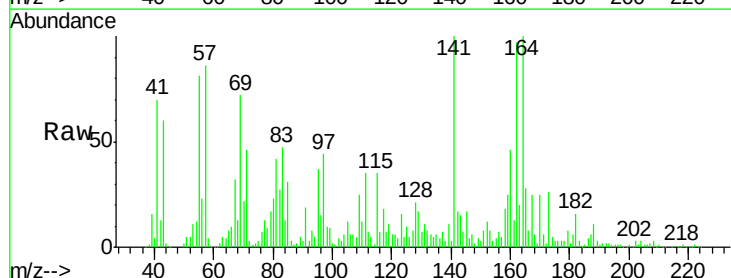
Instrument :
 BNA_F
 ClientSampleId :
 T-2DL

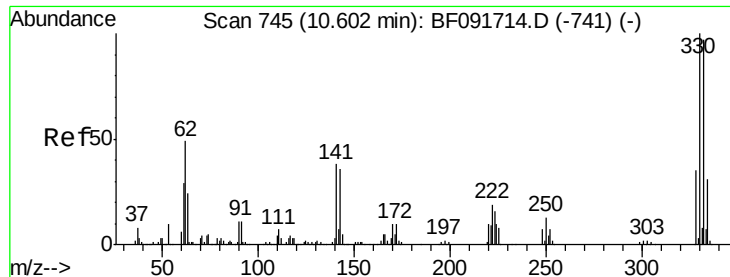
Tot Ion:142 Resp: 3981665
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 38.6 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Tgt Ion:164 Resp: 299204
 Ion Ratio Lower Upper
 164 100
 162 97.8 80.2 120.2
 160 46.1 36.9 55.3

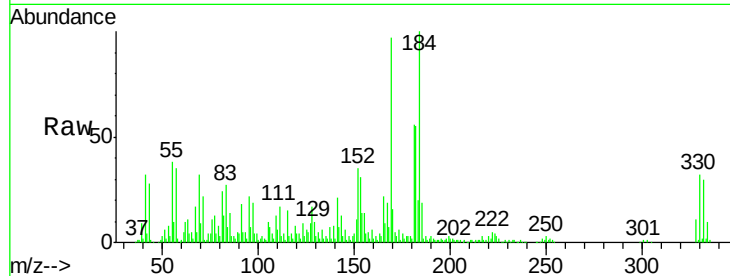




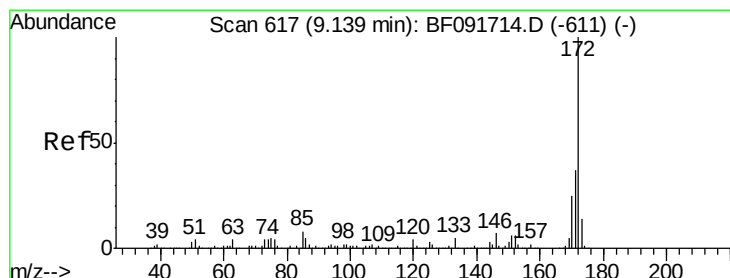
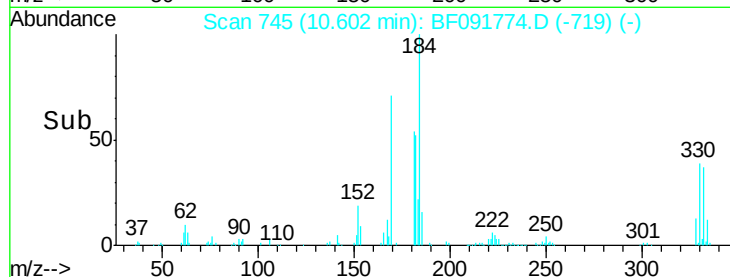
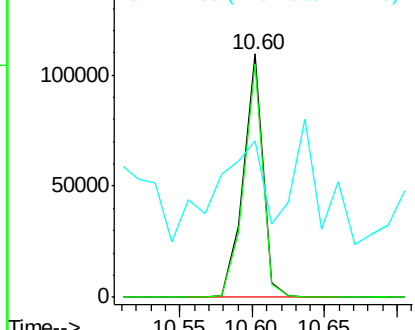
#41
 2,4,6-Tribromophenol
 Concen: 40.31 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Instrument :
 BNA_F
 ClientSampleID :
 T-2DL

Tot Ion	Ion	Ratio	Lower	Upper
330	100			
332	94.8	77.4	116.2	
141	101.1	34.1	51.1#	

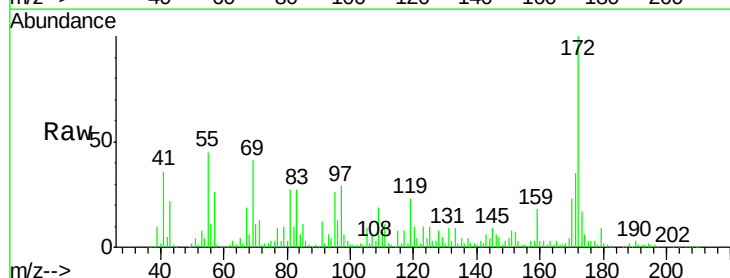


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

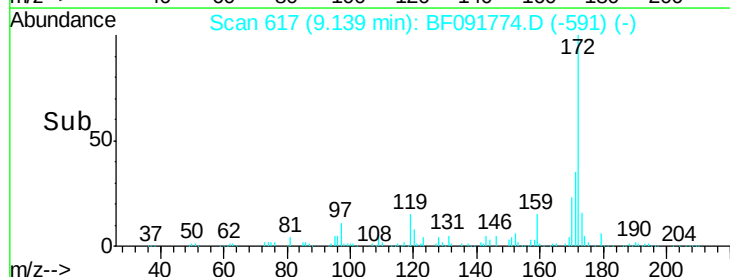
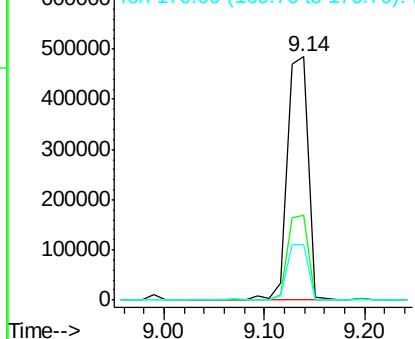


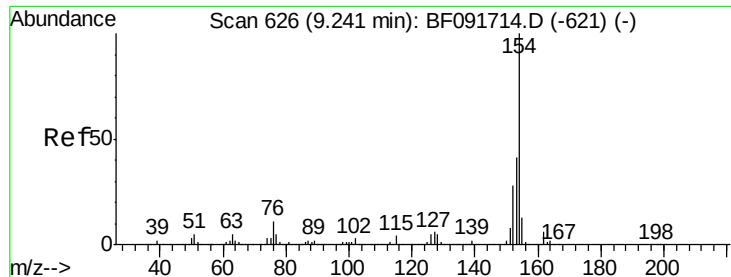
#44
 2-Fluorobiphenyl
 Concen: 46.70 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	34.7	29.4	44.0	
170	22.9	20.2	30.4	



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

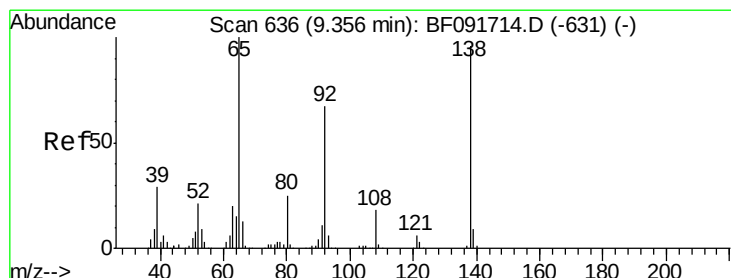
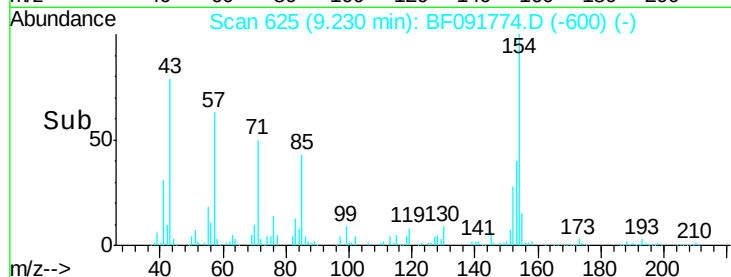
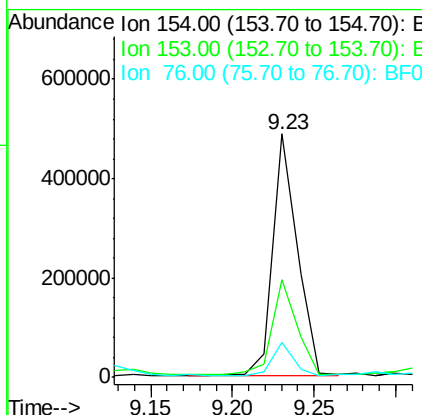
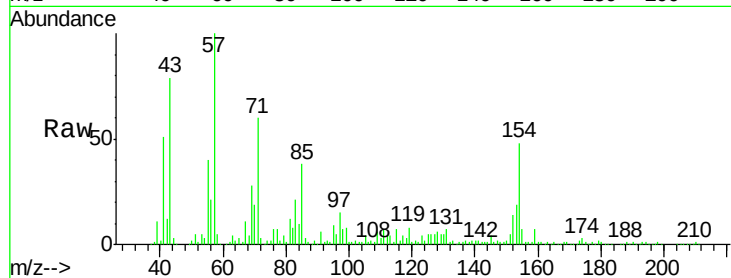




#45
 1,1'-Biphenyl
 Concen: 23.80 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

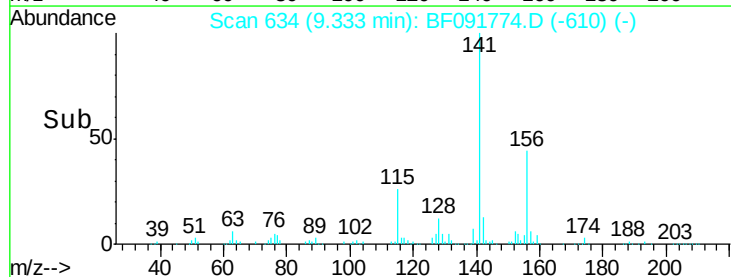
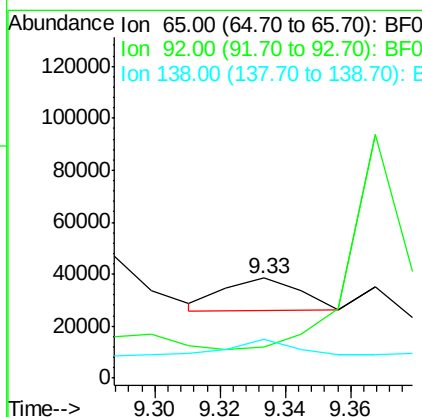
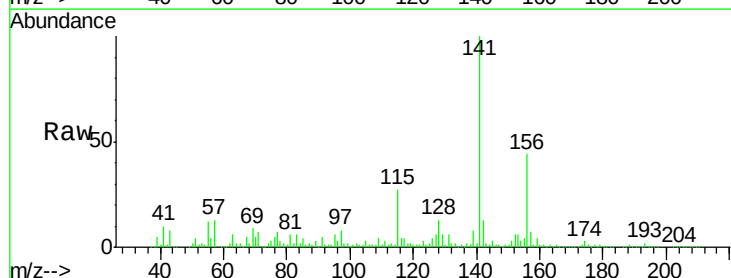
Instrument :
 BNA_F
 ClientSampleId :
 T-2DL

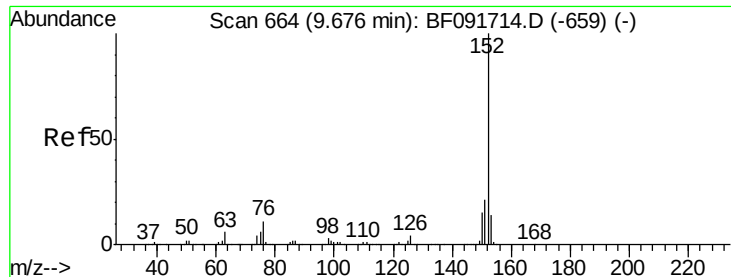
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.9	60.9
76	14.6	0.0	30.5



#47
 2-Nitroaniline
 Concen: 3.66 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	30.9	53.9	80.9#
138	38.3	76.8	115.2#





#48

Acenaphthylene

Concen: 4.78 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

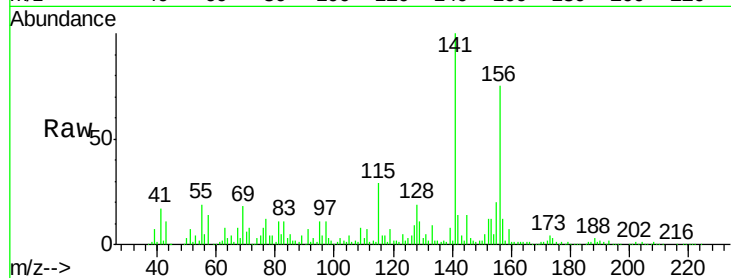
Tot Ion:152 Resp: 118705

Ion Ratio Lower Upper

152 100

151 41.4 16.9 25.3#

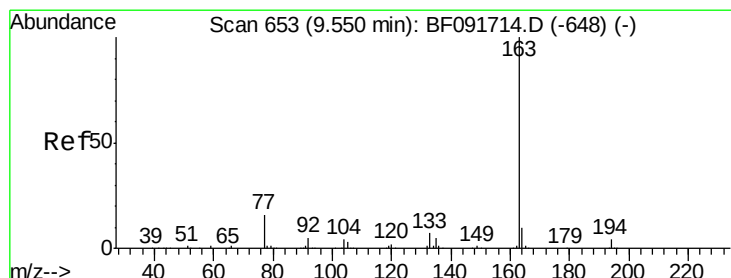
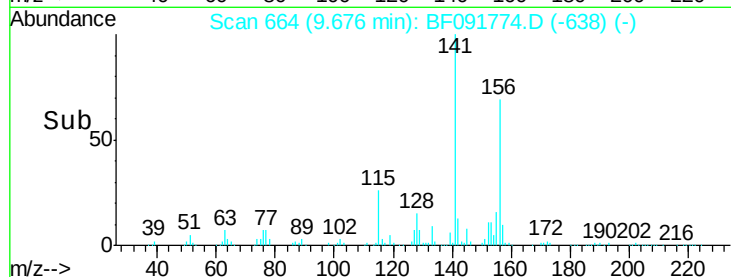
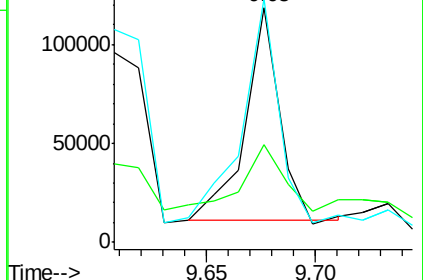
153 103.7 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.12 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

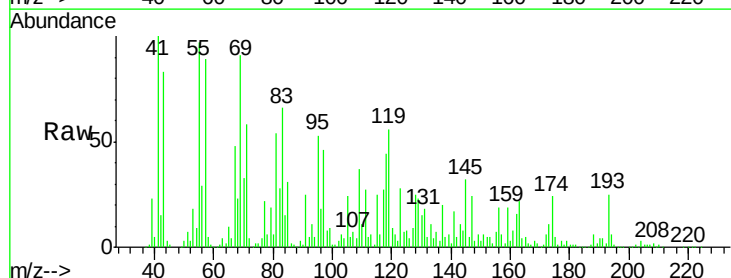
Tgt Ion:163 Resp: 80586

Ion Ratio Lower Upper

163 100

194 27.7 3.0 4.4#

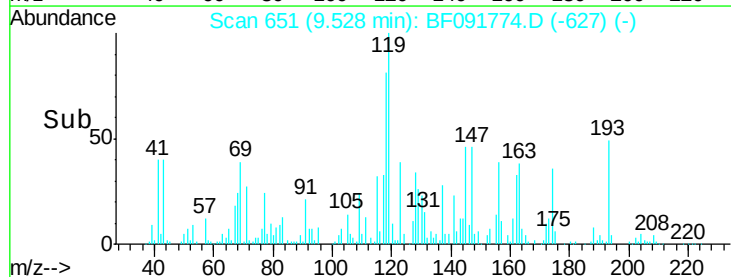
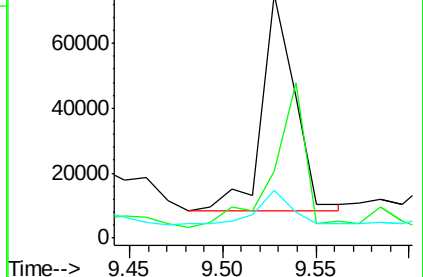
164 19.8 8.0 12.0#

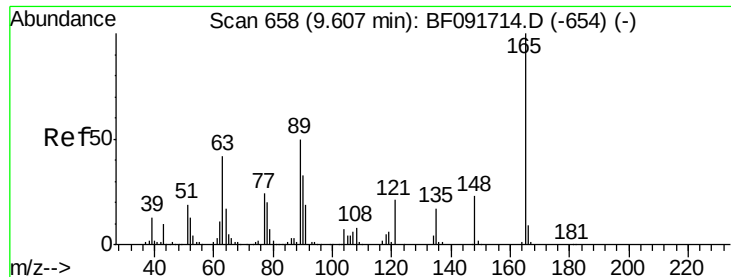


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 2.93 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

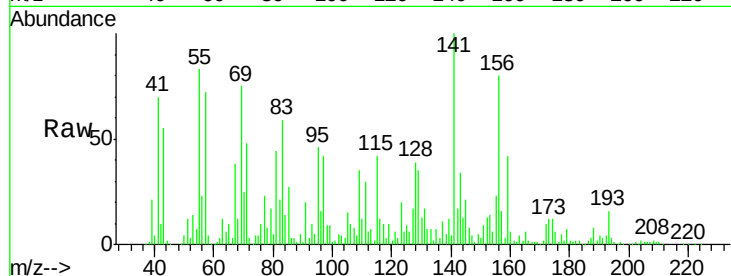
Tot Ion:165 Resp: 12552

Ion Ratio Lower Upper

165 100

63 184.3 36.2 54.4#

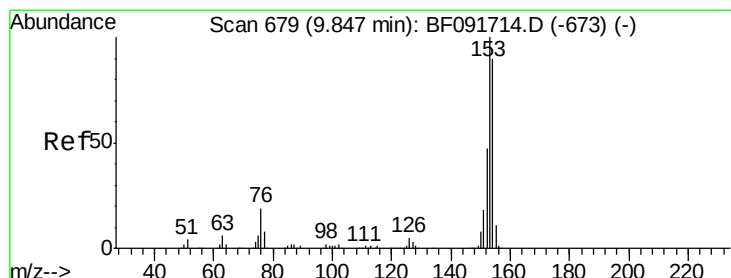
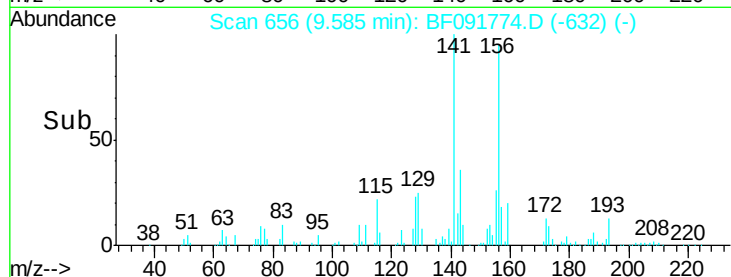
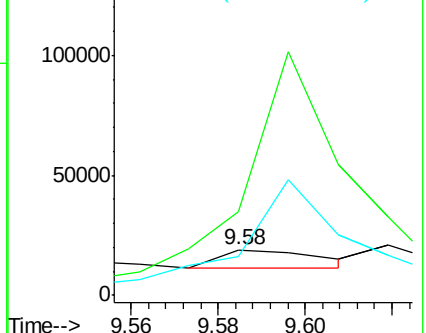
89 86.0 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 18.37 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

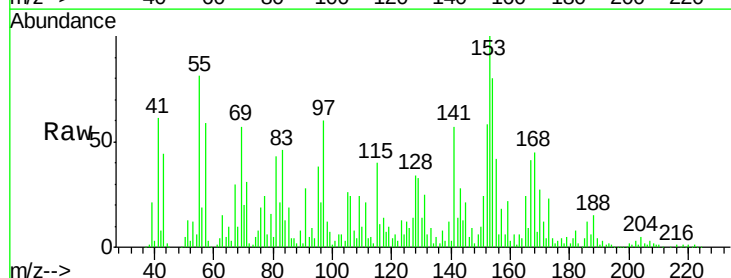
Tgt Ion:154 Resp: 313160

Ion Ratio Lower Upper

154 100

153 124.5 88.6 133.0

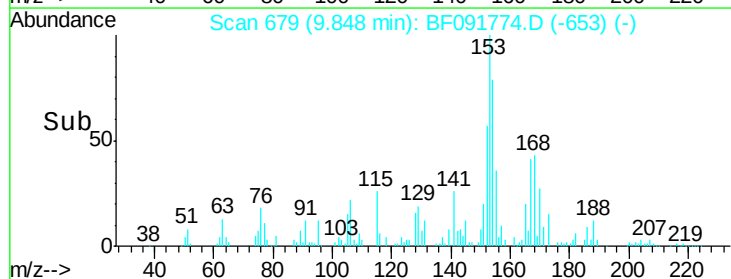
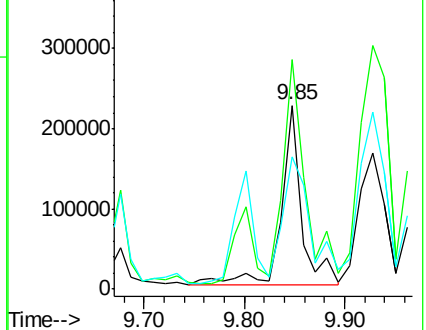
152 71.9 41.6 62.4#

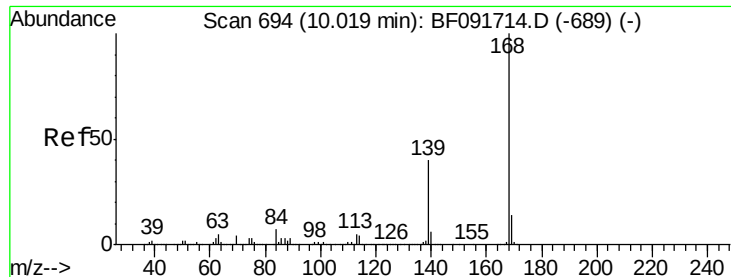


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 12.12 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

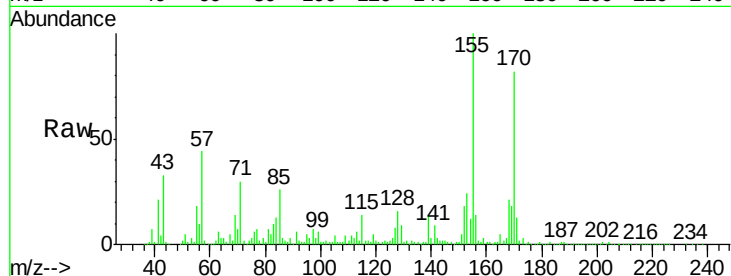
Tot Ion:168 Resp: 245686

Ion Ratio Lower Upper

168 100

139 64.5 32.6 49.0#

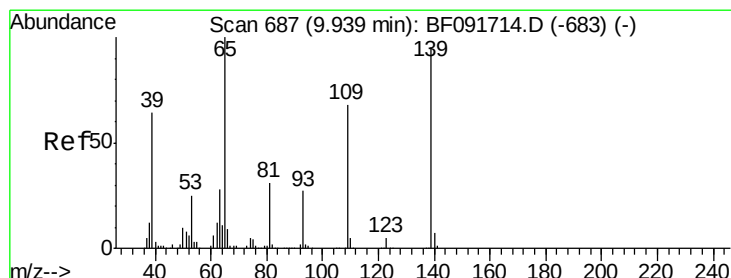
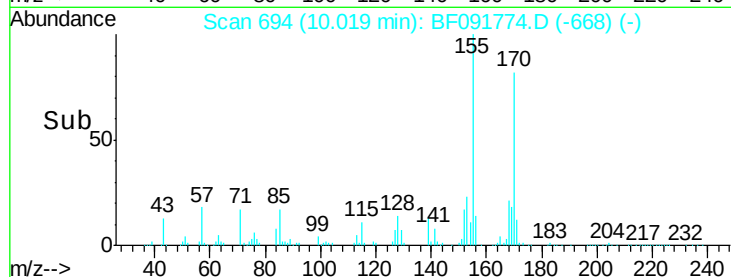
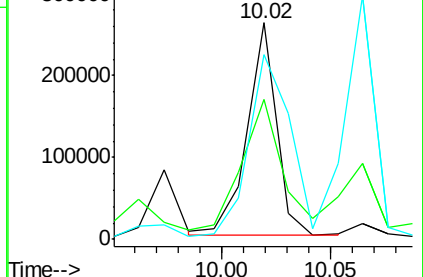
169 85.5 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 60.74 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

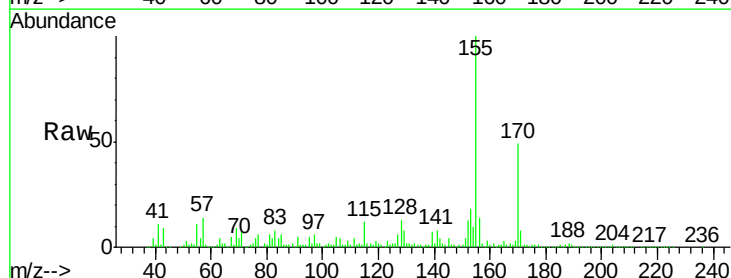
Tgt Ion:139 Resp: 225061

Ion Ratio Lower Upper

139 100

109 46.5 52.2 92.2#

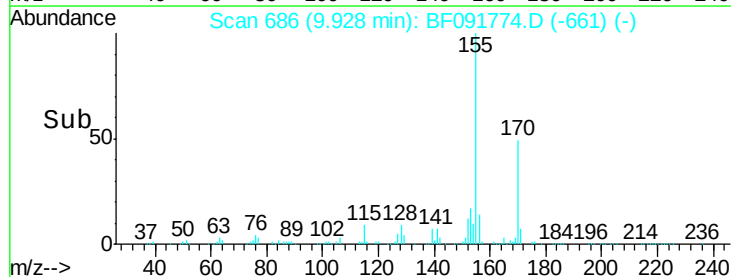
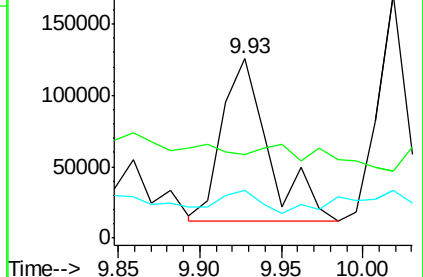
65 26.5 85.8 125.8#

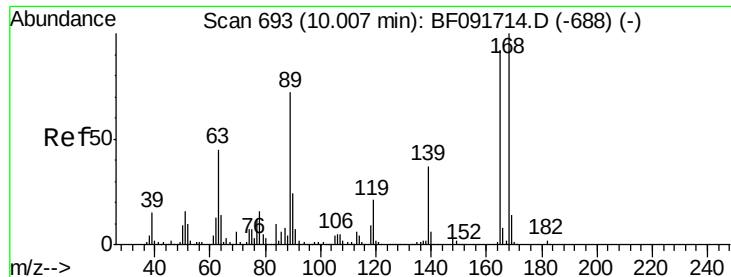


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

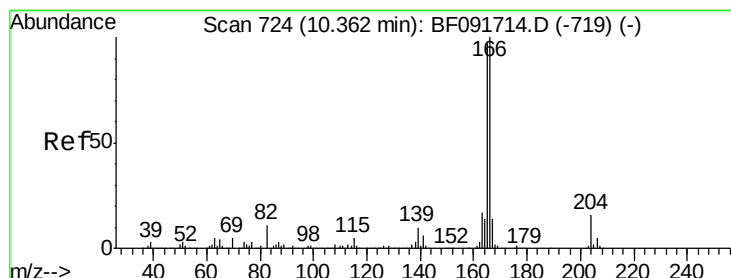
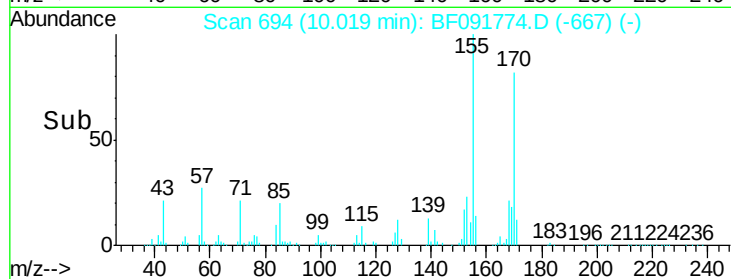
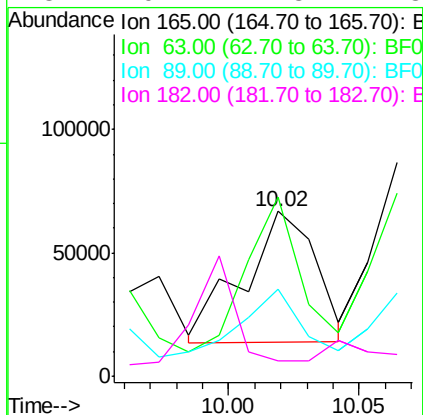
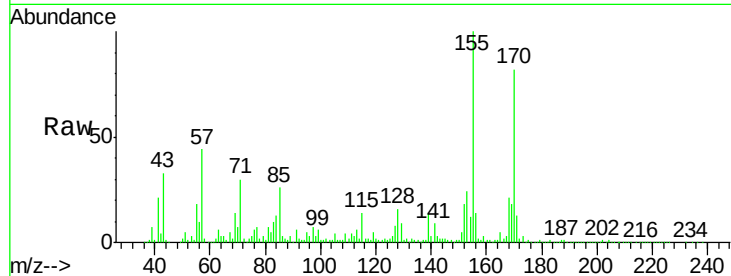




#56
2,4-Dinitrotoluene
Concen: 18.98 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

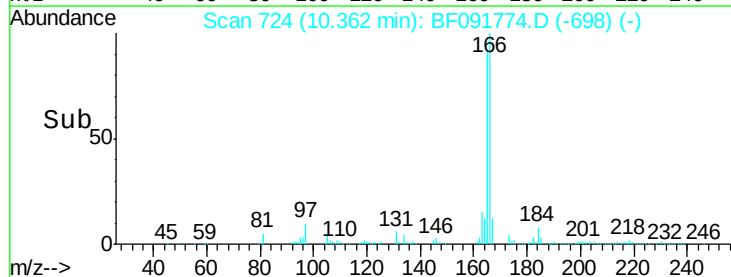
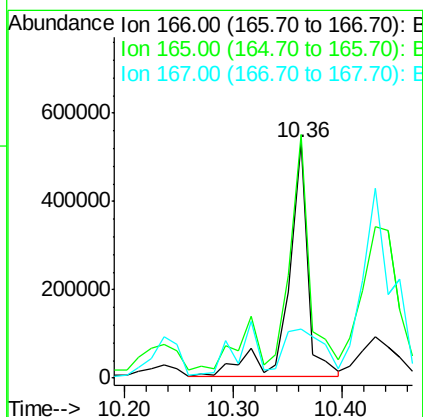
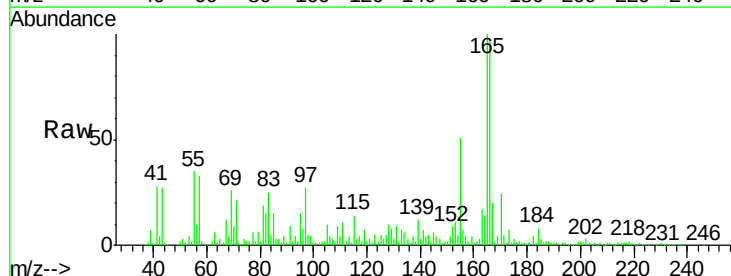
Instrument :
BNA_F
ClientSampleId :
T-2DL

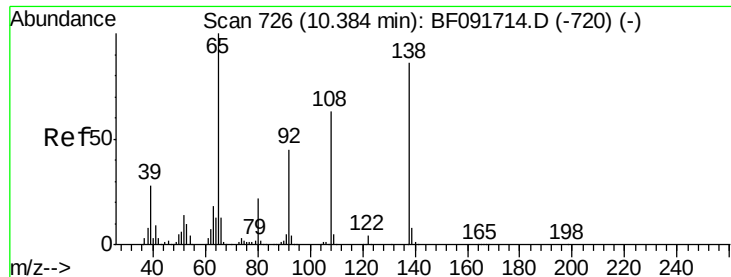
Tot Ion:165 Resp: 101575
Ion Ratio Lower Upper
165 100
63 109.1 40.2 60.4#
89 52.8 62.5 93.7#
182 9.2 1.8 2.8#



#57
Fluorene
Concen: 42.13 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

Tgt Ion:166 Resp: 663246
Ion Ratio Lower Upper
166 100
165 103.2 77.8 116.8
167 20.8 10.8 16.2#

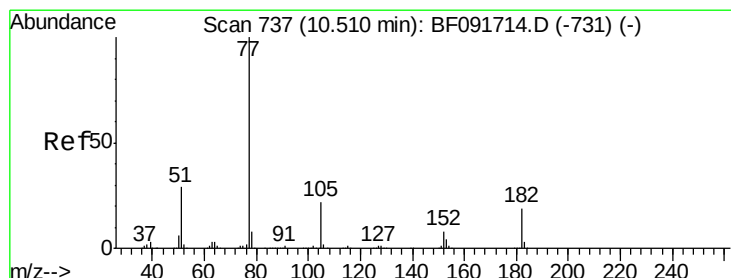
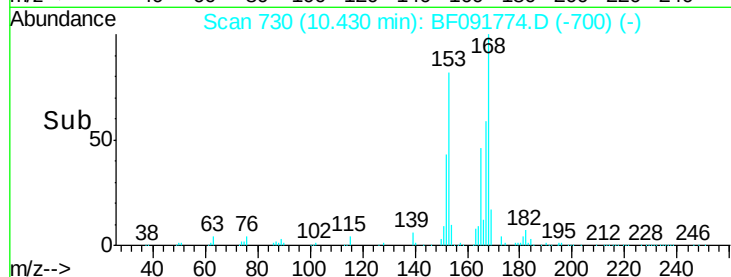
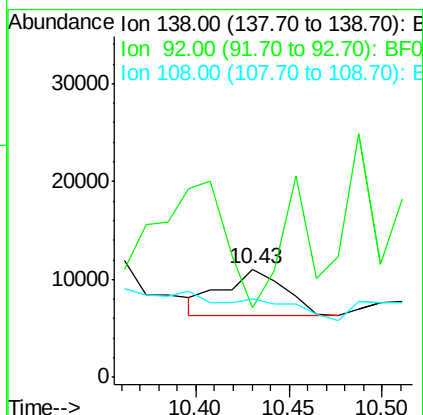
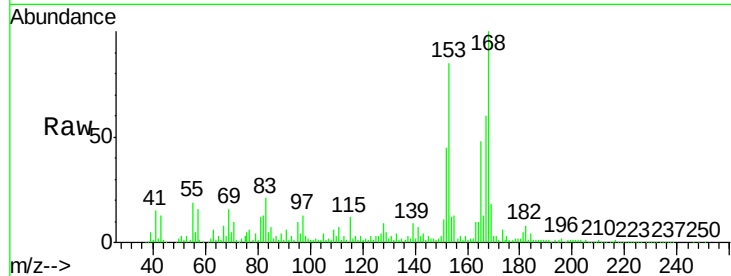




#61
4-Nitroaniline
Concen: 2.10 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.05 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

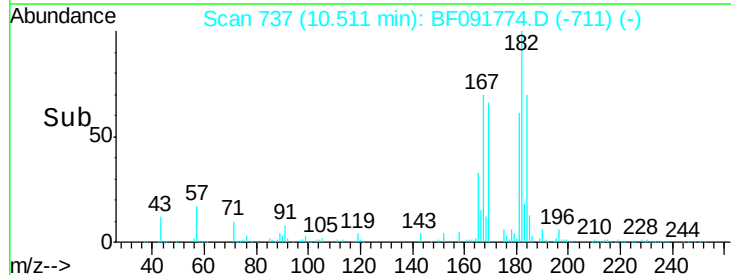
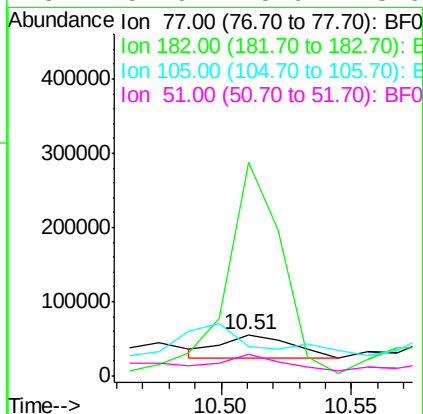
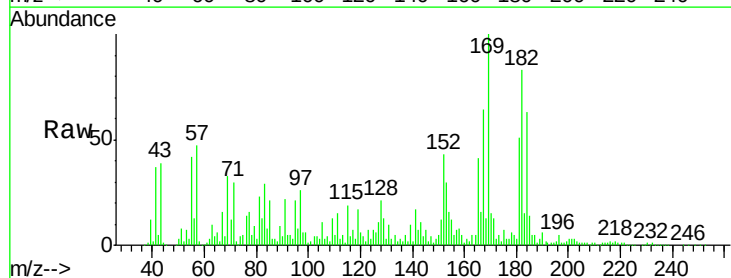
Instrument :
BNA_F
ClientSampleId :
T-2DL

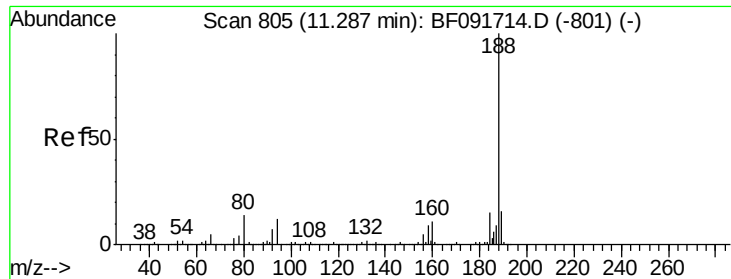
Tot Ion:138 Resp: 10603
Ion Ratio Lower Upper
138 100
92 64.6 31.7 71.7
108 72.9 52.6 92.6



#62
Azobenzene
Concen: 2.74 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

Tgt Ion: 77 Resp: 56104
Ion Ratio Lower Upper
77 100
182 514.4 0.0 39.3#
105 70.7 2.3 42.3#
51 51.9 8.9 48.9#

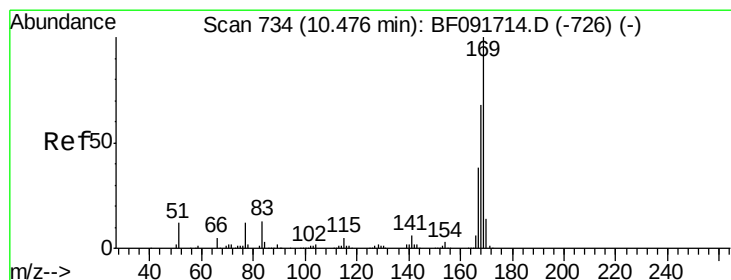
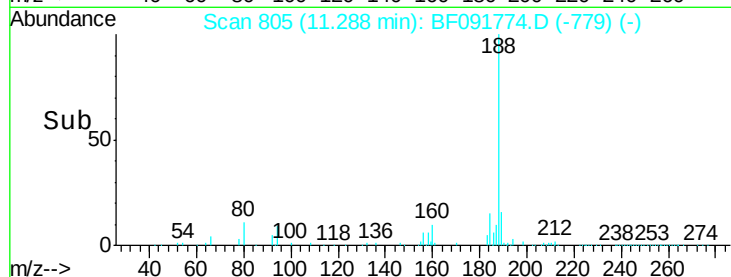
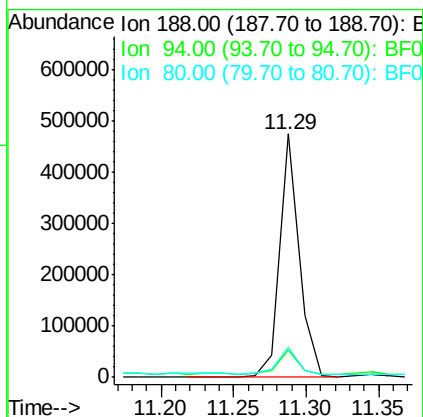
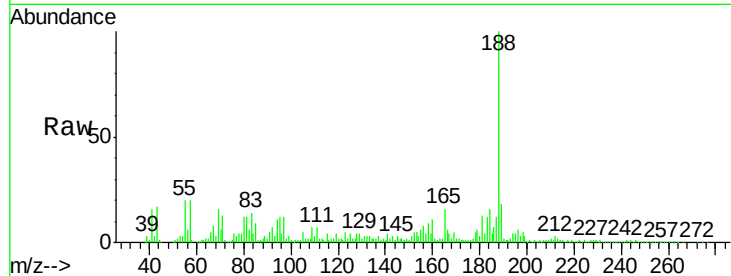




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

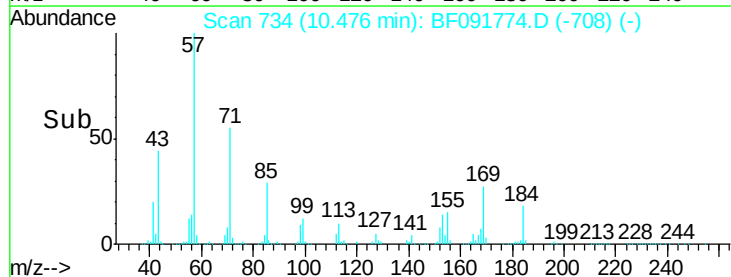
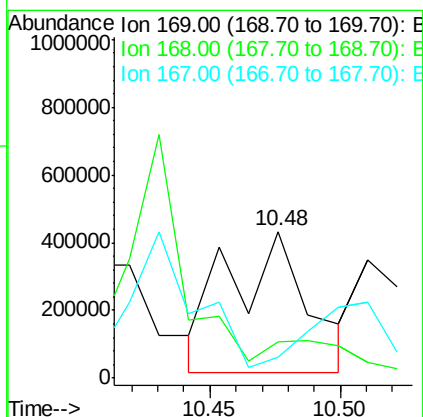
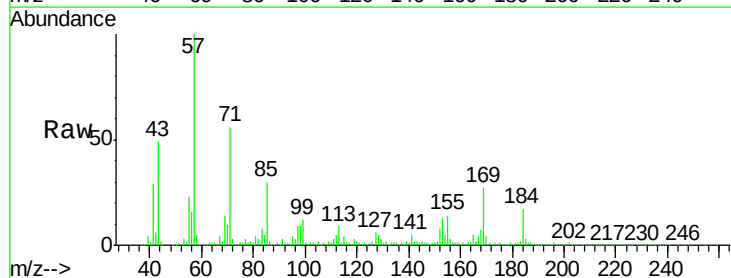
Instrument :
BNA_F
ClientSampleId :
T-2DL

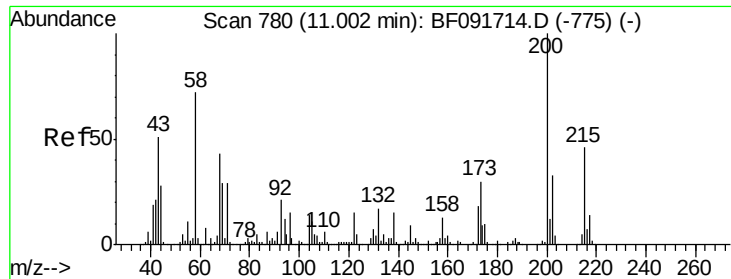
Tot Ion:188 Resp: 436423
Ion Ratio Lower Upper
188 100
94 11.2 10.0 15.0
80 12.4 11.2 16.8



#65
n-Nitrosodiphenylamine
Concen: 64.69 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

Tgt Ion:169 Resp: 876624
Ion Ratio Lower Upper
169 100
168 24.7 54.2 81.2#
167 14.4 30.2 45.4#

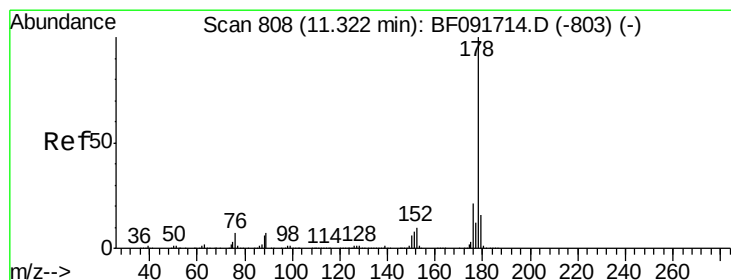
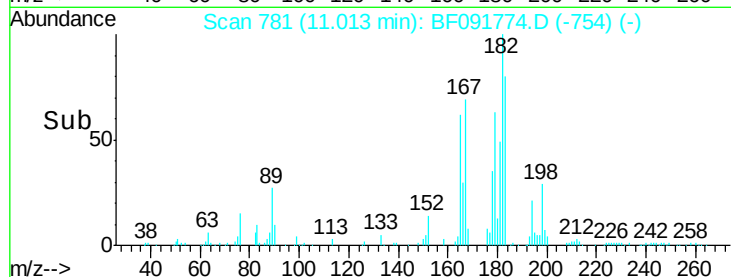
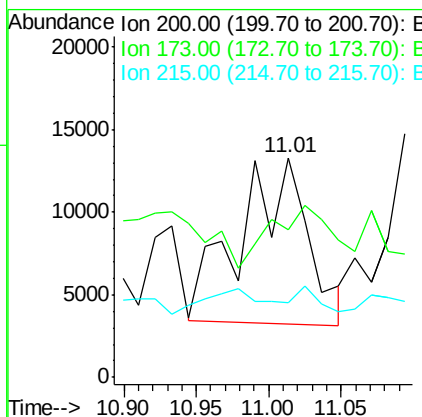
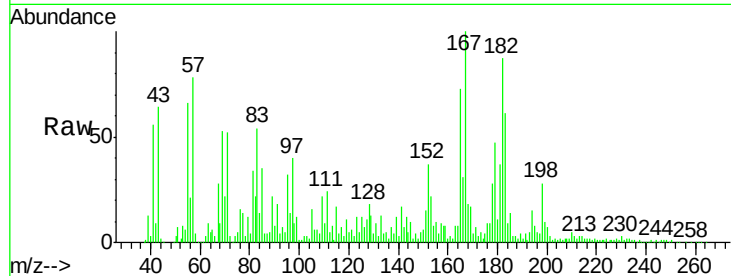




#68
Atrazine
Concen: 7.97 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

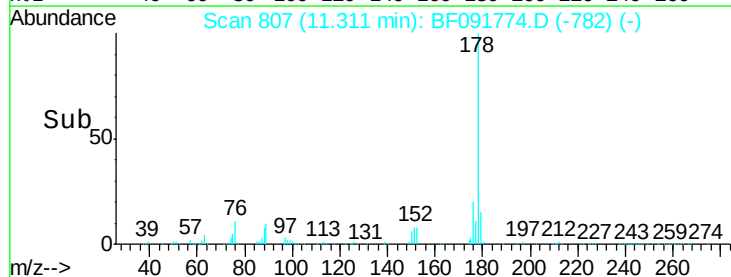
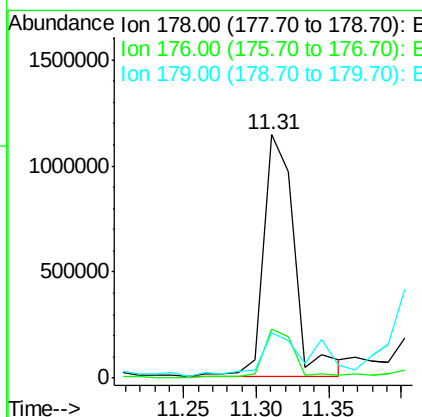
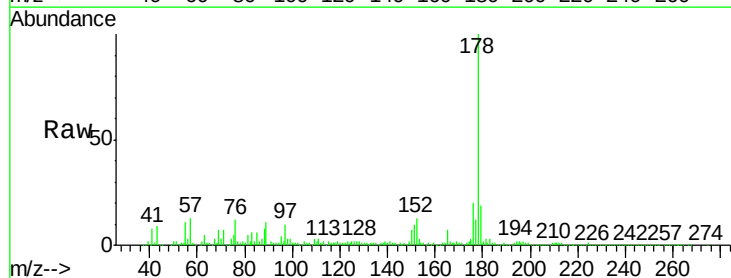
Instrument :
BNA_F
ClientSampled :
T-2DL

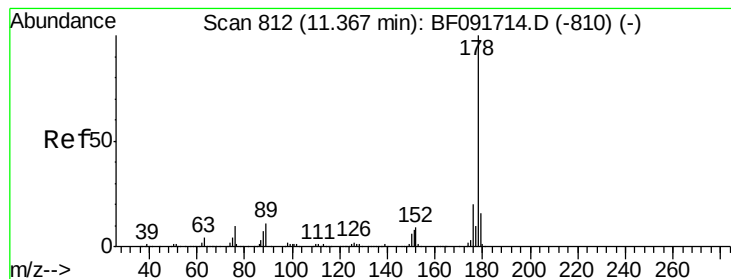
Tot Ion:200 Resp: 32638
Ion Ratio Lower Upper
200 100
173 67.1 9.6 49.6#
215 34.2 25.7 65.7



#70
Phenanthrene
Concen: 76.90 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF091774.D
Acq: 19 Dec 2016 11:22

Tgt Ion:178 Resp: 1677035
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 18.7 12.8 19.2





#71

Anthracene

Concen: 72.61 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.06 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

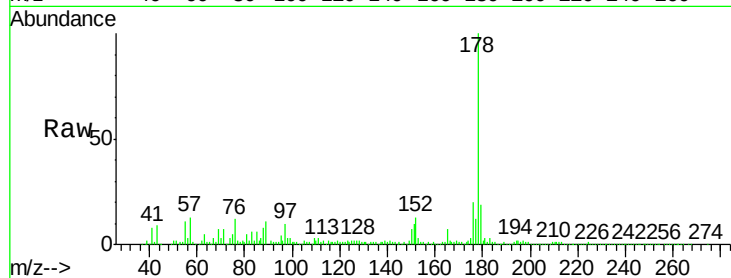
Tot Ion:178 Resp: 1677035

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

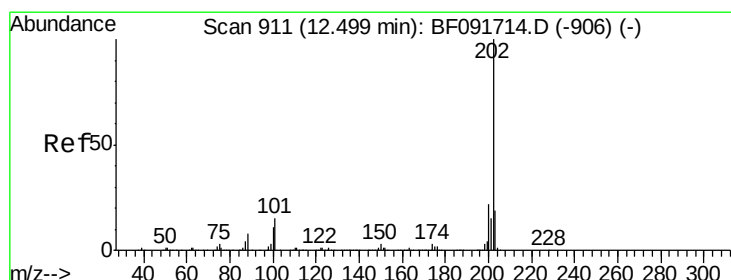
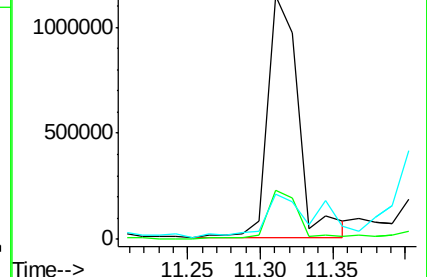
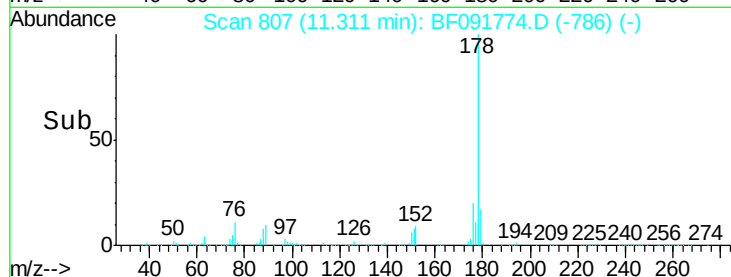
179 18.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.55 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

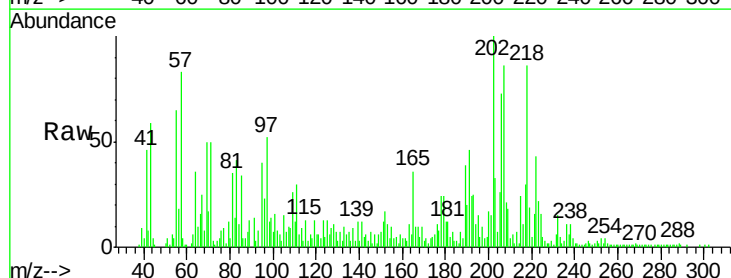
Tgt Ion:202 Resp: 58057

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.6

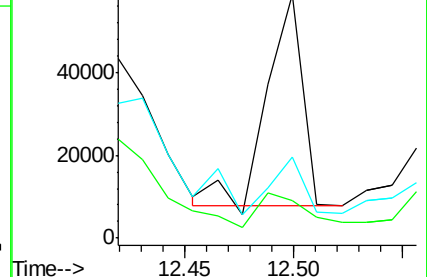
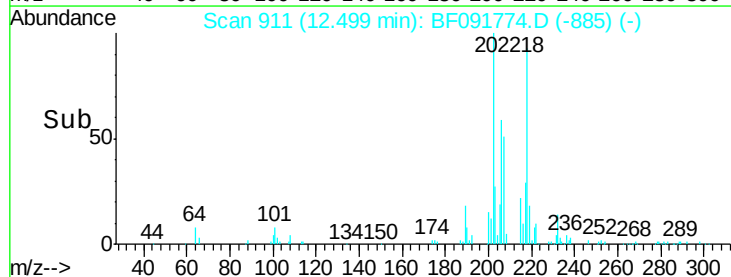
203 33.2 0.0 38.7

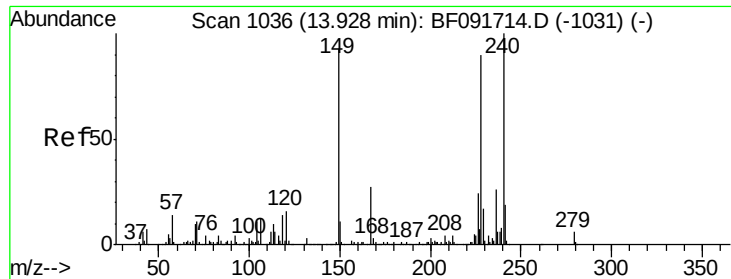


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

Instrument :

BNA_F

ClientSampleId :

T-2DL

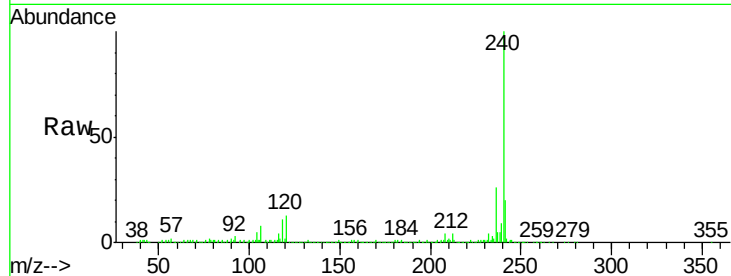
Tot Ion:240 Resp: 395188

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

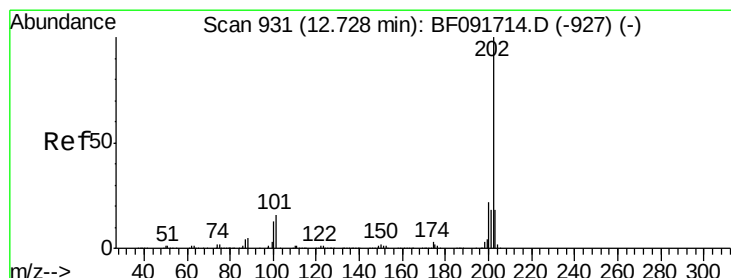
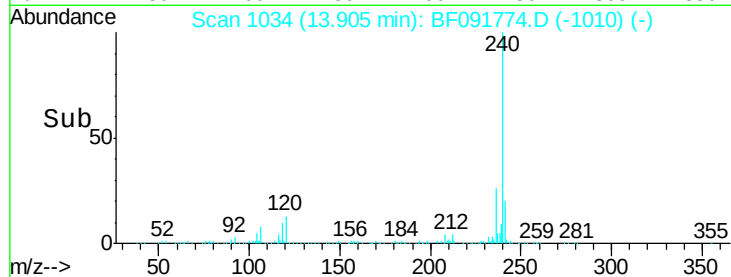
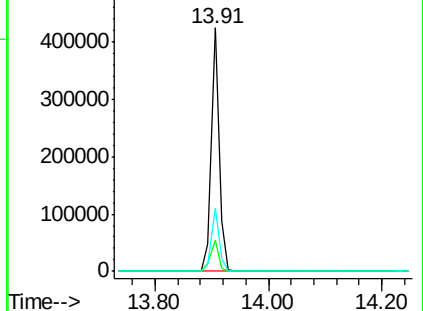
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.95 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091774.D

Acq: 19 Dec 2016 11:22

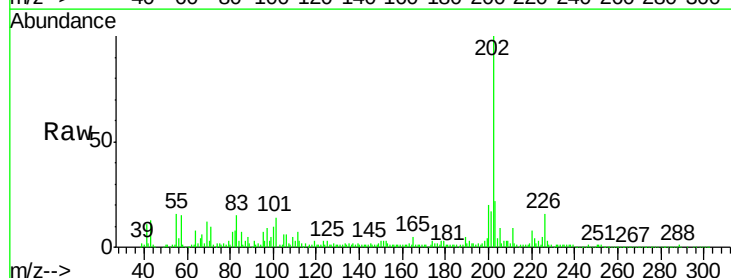
Tgt Ion:202 Resp: 312600

Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

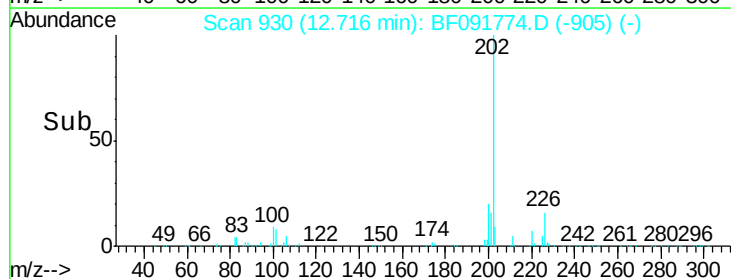
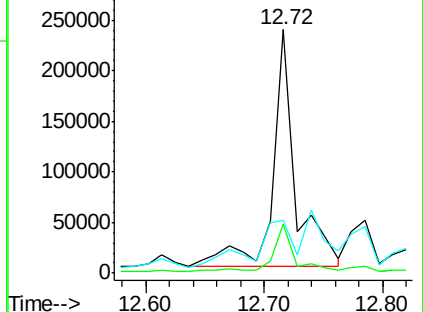
203 21.8 14.7 22.1

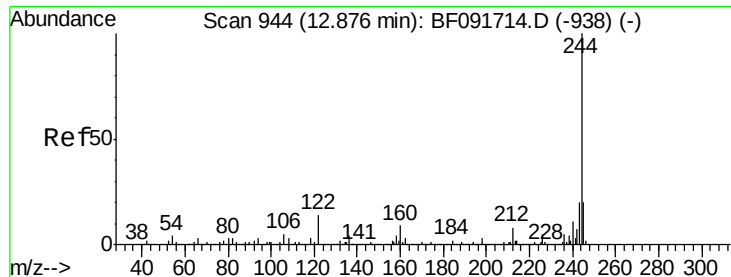


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

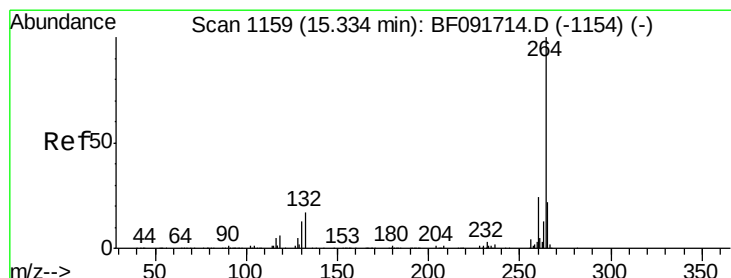
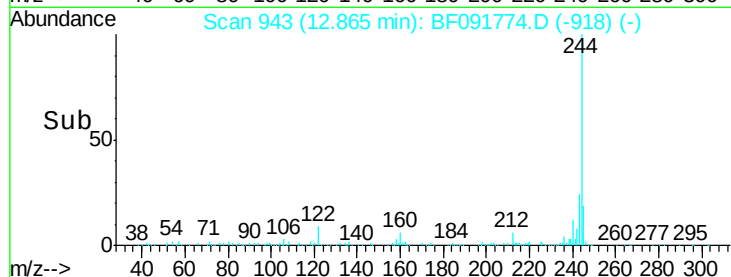
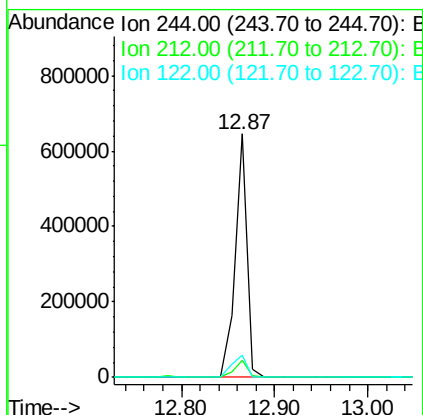
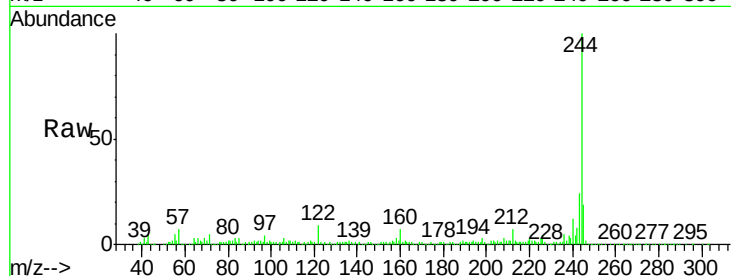




#78
 Terphenyl-d14
 Concen: 36.76 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Instrument :
 BNA_F
 ClientSampleId :
 T-2DL

Tot Ion:244 Resp: 575284
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 9.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF091774.D
 Acq: 19 Dec 2016 11:22

Tgt Ion:264 Resp: 409106
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.2 17.4 26.0

