

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030617\
 Data File : BF093409.D
 Acq On : 6 Mar 2017 19:08
 Operator : SJ/MA
 Sample : I2057-20 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18B-23

Quant Time: Mar 06 23:55:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152206	20.00	ng	-0.07
21) Naphthalene-d8	8.07	136	469846	20.00	ng	-0.07
38) Acenaphthene-d10	9.83	164	157046	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	231370	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	207041	20.00	ng	-0.05
86) Perylene-d12	15.41	264	187055	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	438091	49.38	ng	-0.09
7) Phenol-d6	6.42	99	551421	48.31	ng	-0.06
23) Nitrobenzene-d5	7.35	82	379886	45.03	ng	-0.07
41) 2,4,6-Tribromophenol	10.62	330	50043	44.06	ng	-0.06
44) 2-Fluorobiphenyl	9.14	172	404655	46.68	ng	-0.07
78) Terphenyl-d14	12.91	244	219123	24.87	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	32191	2.41	ng	# 57
15) Benzyl Alcohol	6.93	79	18979	2.25	ng	# 47
18) Hexachloroethane	7.32	117	58005	14.64	ng	# 1
19) n-Nitroso-di-n-propylamine	7.20	70	80463	11.07	ng	# 63
22) Acetophenone	7.10	105	157306	14.66	ng	# 63
24) Nitrobenzene	7.42	77	44418	5.13	ng	# 60
25) Isophorone	7.59	82	193137	12.28	ng	# 1
26) 2-Nitrophenol	7.73	139	44336	10.77	ng	# 6
28) bis(2-Chloroethoxy)methane	7.85	93	45782	4.40	ng	# 1
29) 2,4-Dichlorophenol	7.97	162	106344	15.77	ng	# 41
32) Benzoic acid	7.85	122	26525	12.67	ng	# 22
33) 4-Chloroaniline	8.09	127	20662	2.21	ng	# 1
35) Caprolactam	8.49	113	165921	78.20	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	46101	6.56	ng	# 32
42) 2,4,6-Trichlorophenol	9.06	196	8389	2.90	ng	# 9
43) 2,4,5-Trichlorophenol	9.06	196	8389	2.64	ng	# 1
47) 2-Nitroaniline	9.21	65	11368	3.80	ng	# 98
49) Dimethylphthalate	9.54	163	69537	6.57	ng	# 70
50) 2,6-Dinitrotoluene	9.59	165	55079	24.11	ng	# 63
51) Acenaphthene	9.85	154	30097	3.28	ng	# 43
52) 3-Nitroaniline	9.77	138	36470	13.95	ng	# 29
53) 2,4-Dinitrophenol	9.86	184	3046	7.20	ng	# 1
54) Dibenzofuran	10.04	168	29703	2.42	ng	# 1
55) 4-Nitrophenol	9.93	139	12557	6.67	ng	# 1
56) 2,4-Dinitrotoluene	10.00	165	40154	13.20	ng	# 48
57) Fluorene	10.38	166	136666	14.45	ng	# 59
59) Diethylphthalate	10.26	149	32840	3.29	ng	# 6
61) 4-Nitroaniline	10.28	138	24907	9.30	ng	# 86
62) Azobenzene	10.53	77	61862	6.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.44	198	3639	5.11	ng	# 1
65) n-Nitrosodiphenylamine	10.48	169	211455	28.61	ng	# 47
68) Atrazine	10.97	200	7252	3.06	ng	# 1
69) Pentachlorophenol	11.13	266	7964	13.08	ng	# 6
70) Phenanthrene	11.36	178	68605	5.18	ng	# 1

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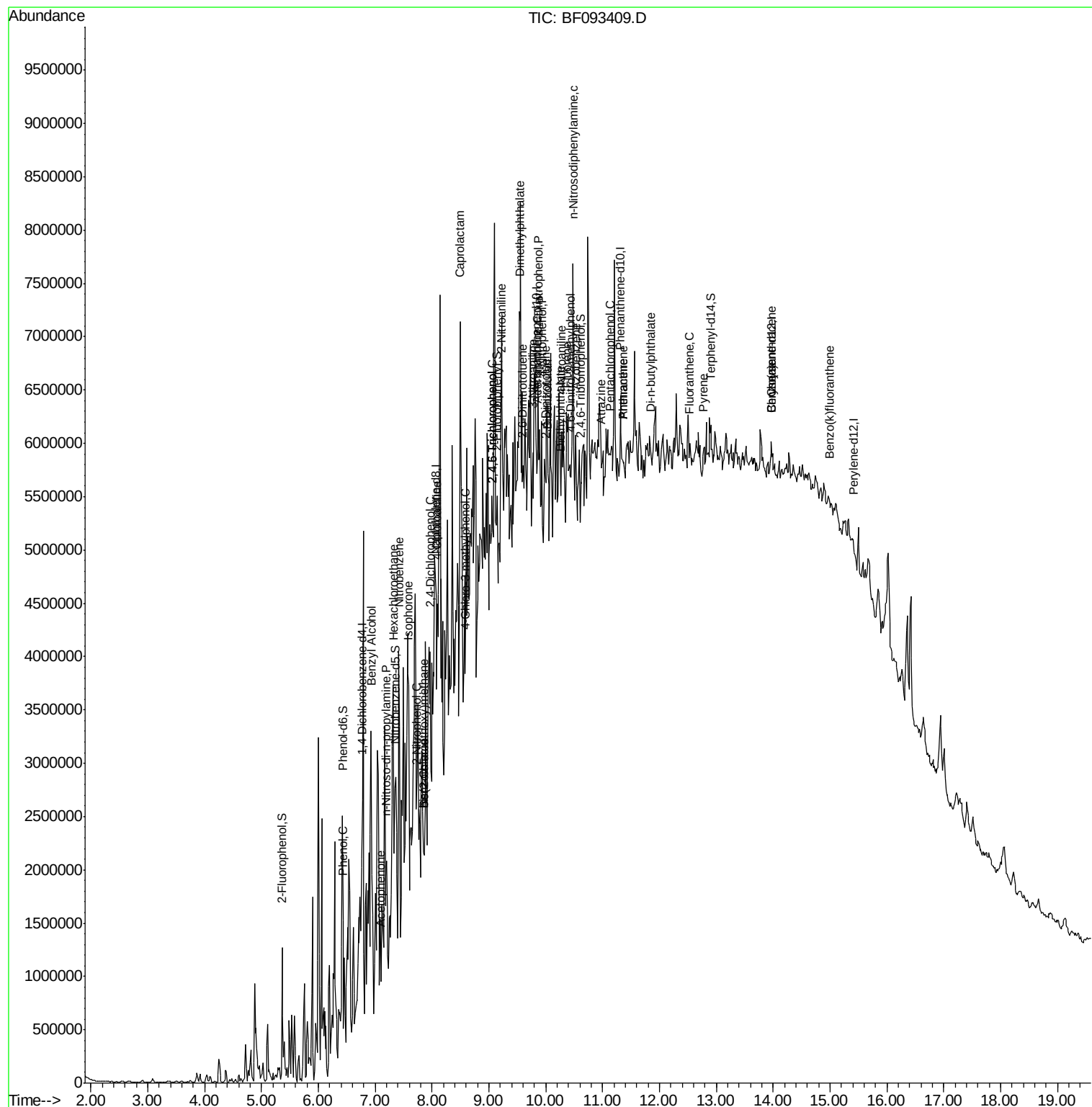
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	11.36	178	68605	5.15	ng	# 1
73) Di-n-butylphthalate	11.85	149	31703	2.30	ng	# 7
74) Fluoranthene	12.53	202	28027	2.05	ng	# 15
77) Pyrene	12.77	202	91629	5.91	ng	# 71
80) Benzo(a)anthracene	13.98	228	119699	9.45	ng	# 29
82) Chrysene	13.98	228	119699	10.10	ng	# 37
88) Benzo(k)fluoranthene	15.00	252	21544	2.03	ng	# 1

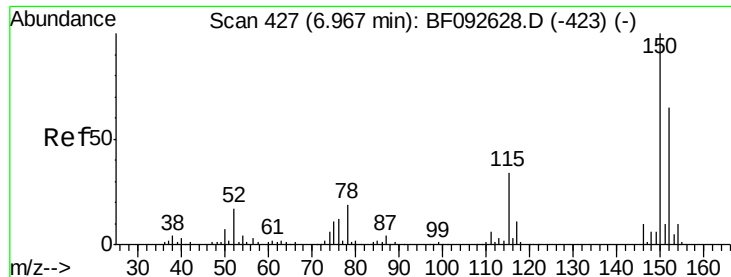
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

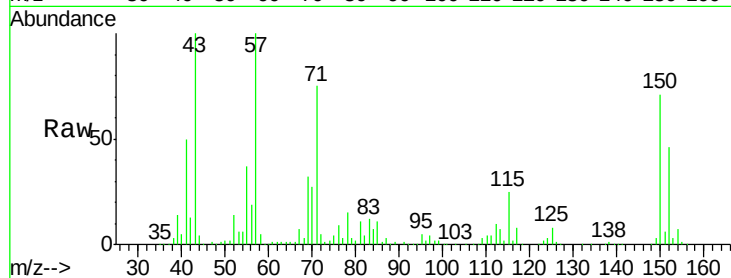
Tgt Ion:152 Resp: 152206

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

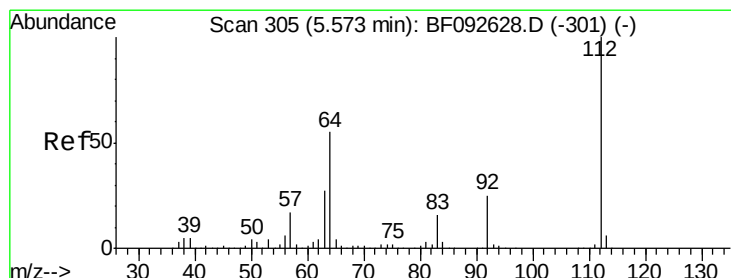
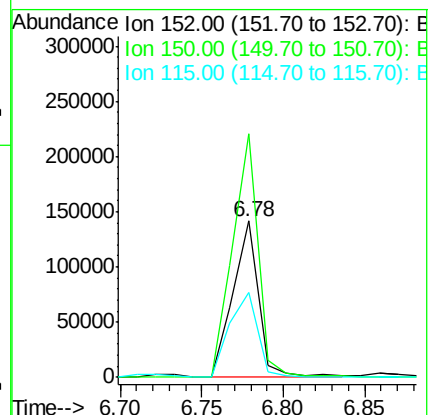
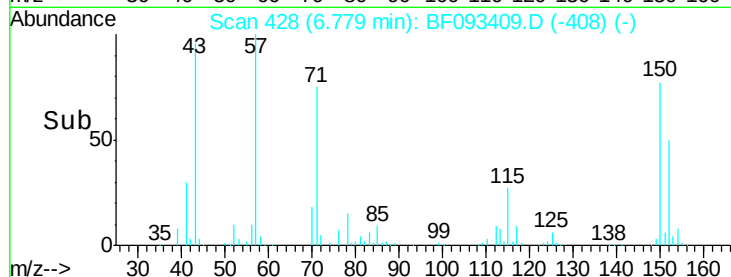
115 54.4 46.0 69.0



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: 49.38 ng

RT: 5.36 min Scan# 304

Delta R.T. -0.09 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

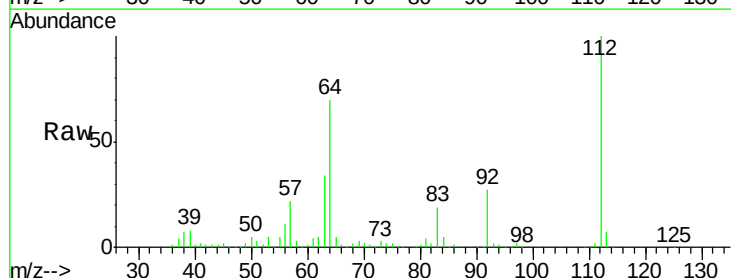
Tgt Ion:112 Resp: 438091

Ion Ratio Lower Upper

112 100

64 69.8 46.1 69.1#

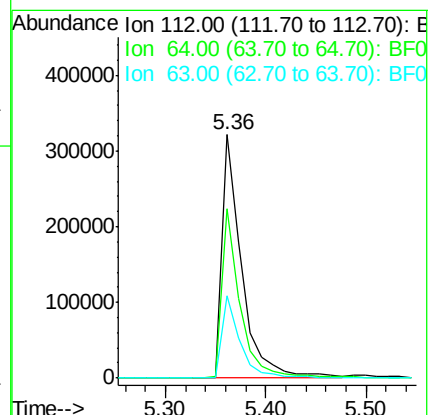
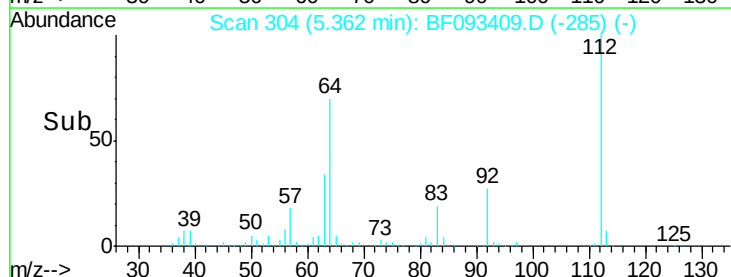
63 33.8 23.8 35.6

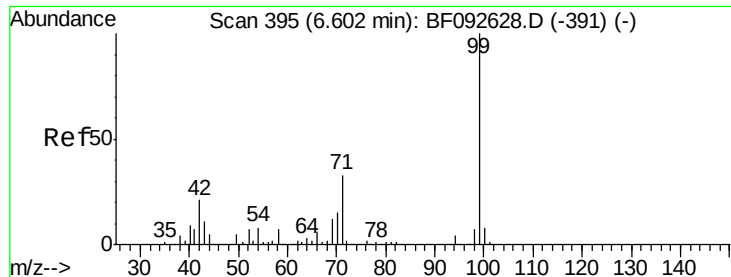


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.31 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

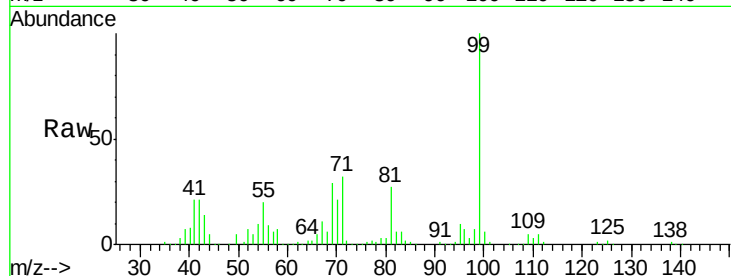
Tgt Ion: 99 Resp: 551421

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

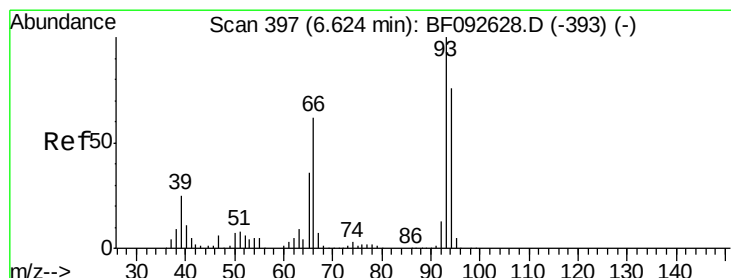
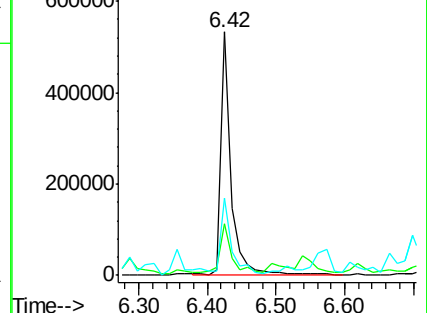
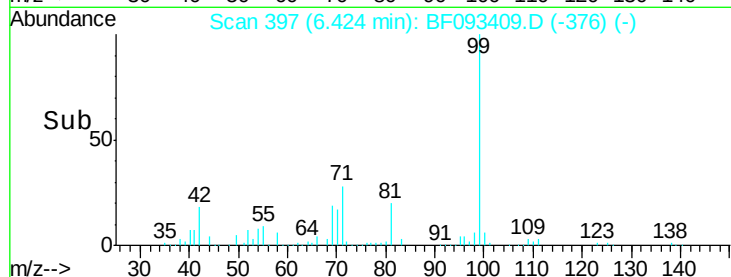
71 31.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.41 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

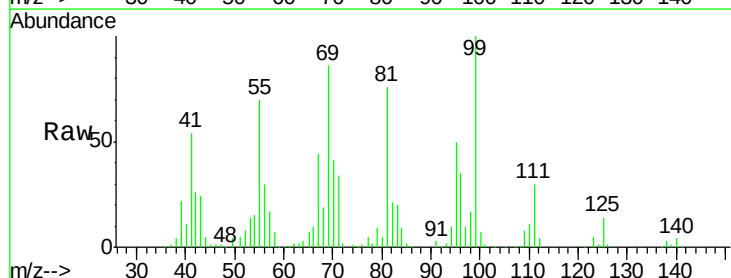
Tgt Ion: 94 Resp: 32191

Ion Ratio Lower Upper

94 100

65 66.8 21.4 61.4#

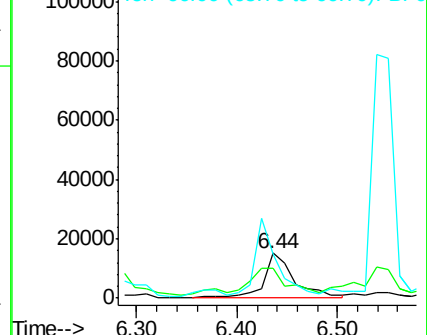
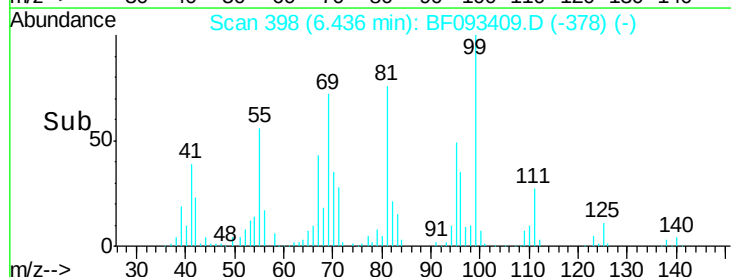
66 98.5 44.0 84.0#

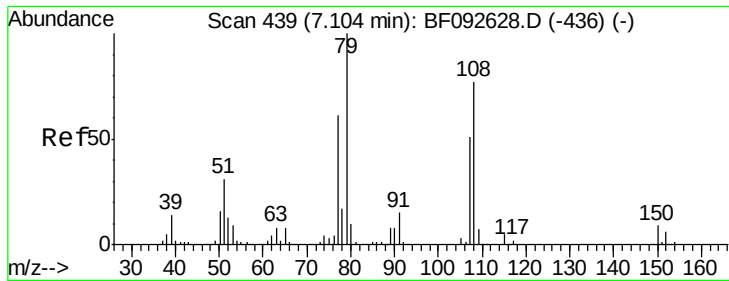


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

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18B-23

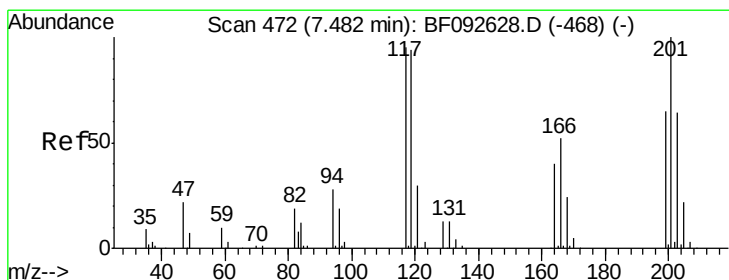
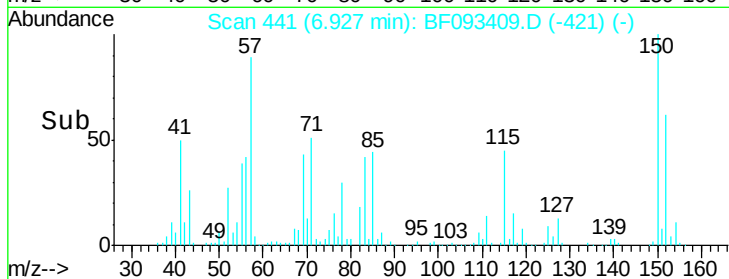
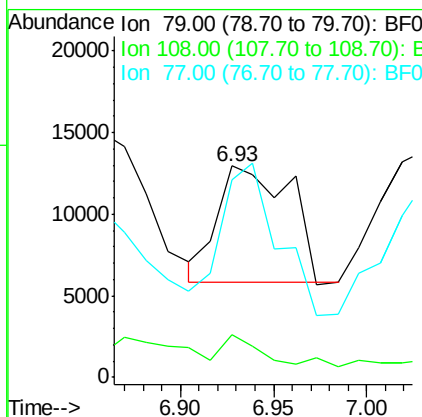
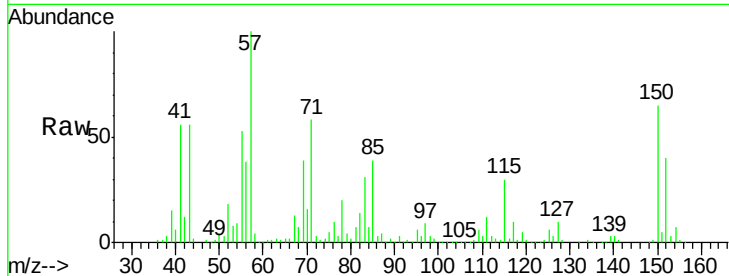
Tgt Ion: 79 Resp: 18979

Ion Ratio Lower Upper

79 100

108 20.1 61.4 92.0#

77 93.8 50.9 76.3#



#18

Hexachloroethane

Concen: 14.64 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.05 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

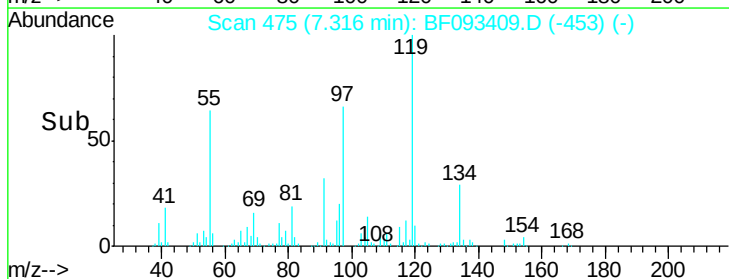
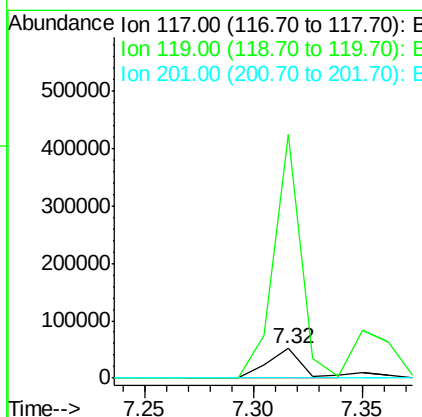
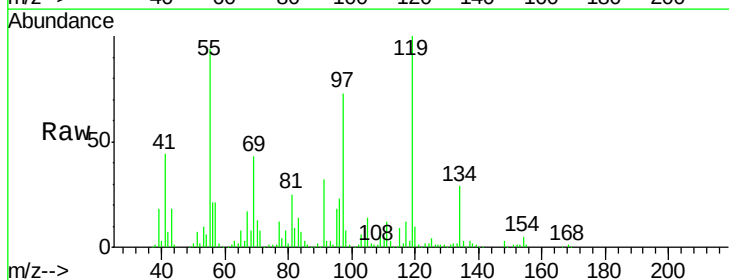
Tgt Ion: 117 Resp: 58005

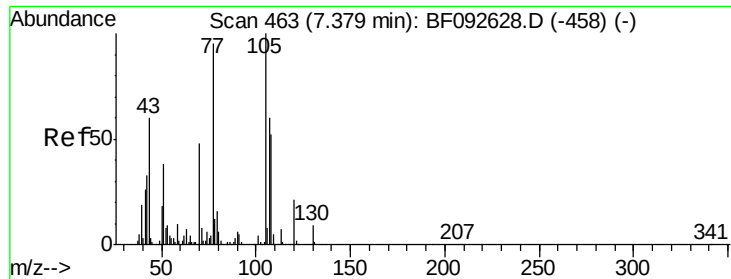
Ion Ratio Lower Upper

117 100

119 832.5 78.1 117.1#

201 0.0 78.6 117.8#

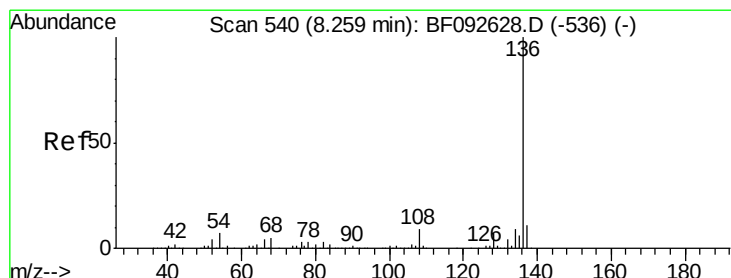
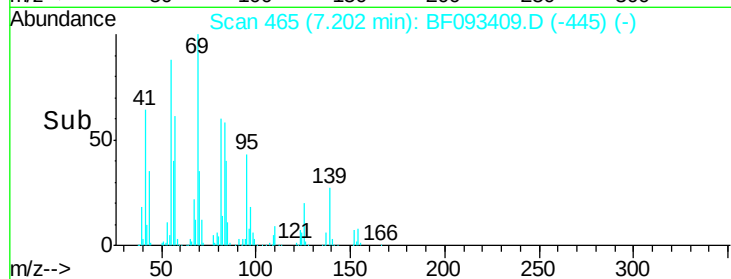
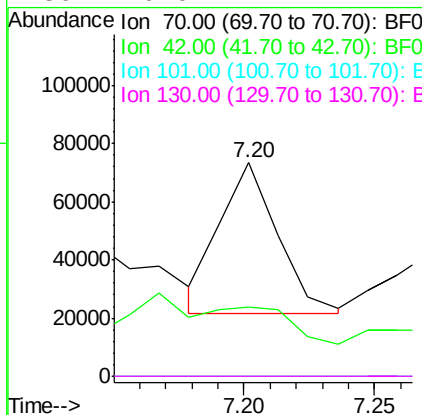
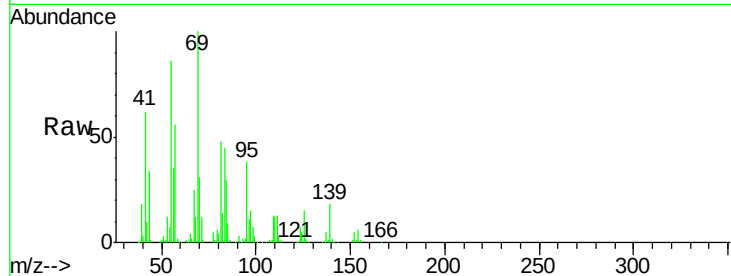




#19
n-Nitroso-di-n-propylamine
Concen: 11.07 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

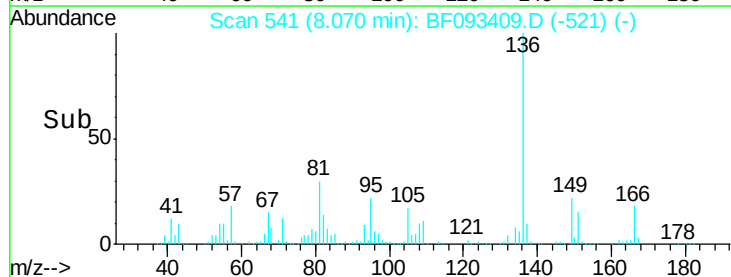
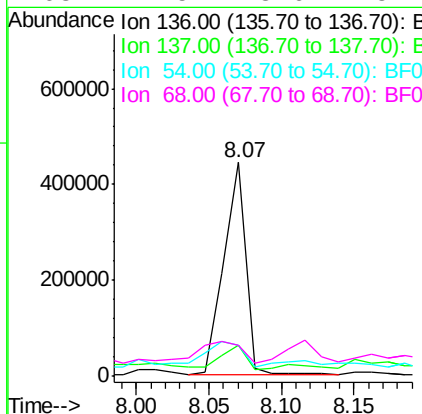
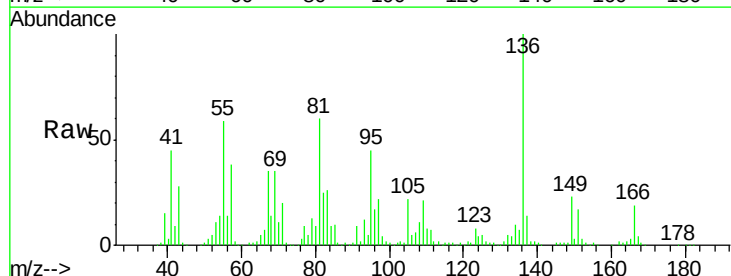
Instrument :
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ClientSampleId :
18B-23

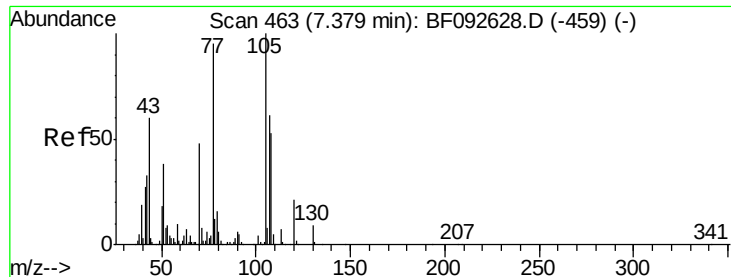
Tgt Ion: 70 Resp: 80463
Ion Ratio Lower Upper
70 100
42 32.5 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion: 136 Resp: 469846
Ion Ratio Lower Upper
136 100
137 14.2 8.4 12.6#
54 14.2 4.5 6.7#
68 14.5 3.6 5.4#

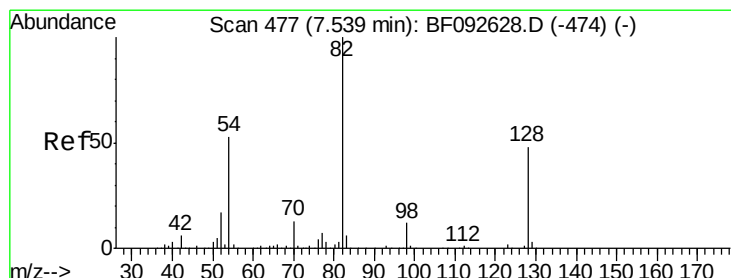
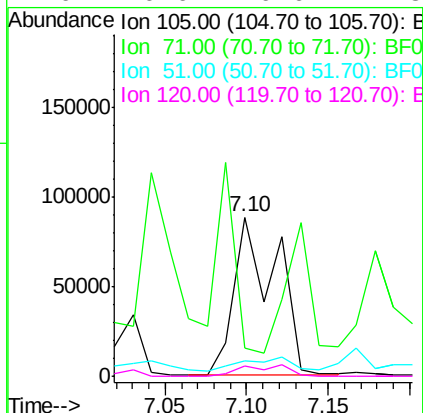
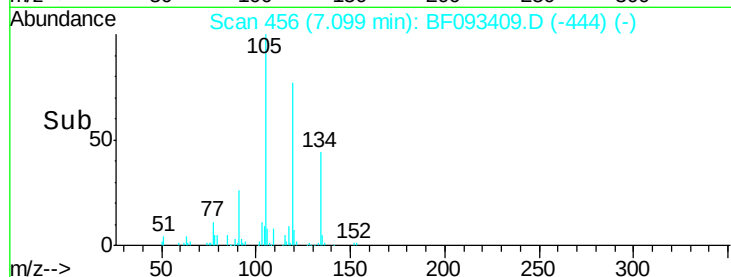
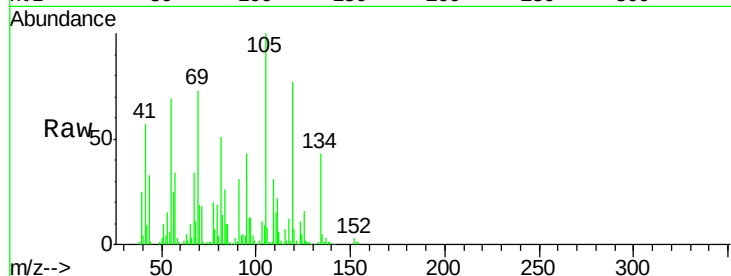




#22
Acetophenone
Concen: 14.66 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.17 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

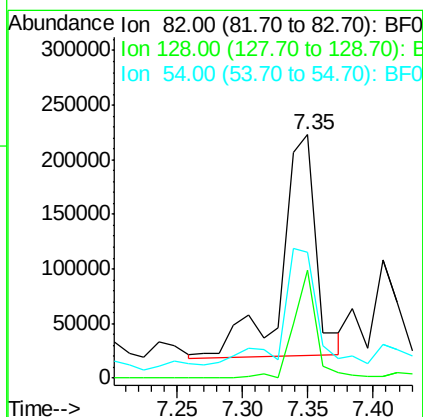
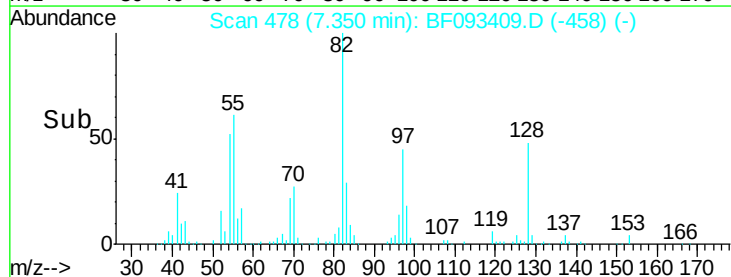
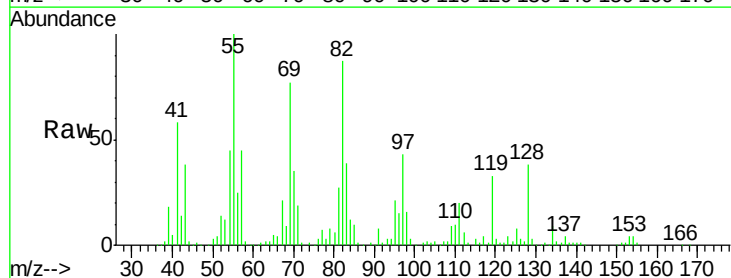
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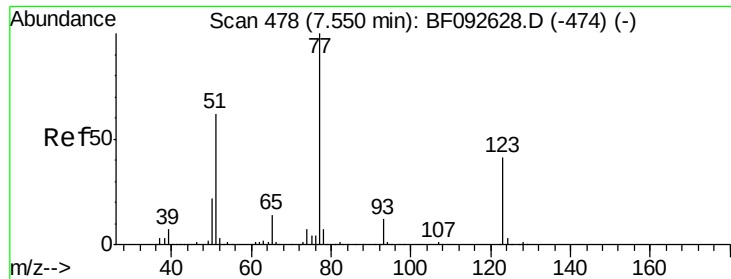
Tgt Ion: 105 Resp: 157306
Ion Ratio Lower Upper
105 100
71 18.0 3.2 4.8#
51 9.9 26.2 39.4#
120 6.6 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 45.03 ng
RT: 7.35 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion: 82 Resp: 379886
Ion Ratio Lower Upper
82 100
128 44.1 34.6 52.0
54 51.5 39.5 59.3

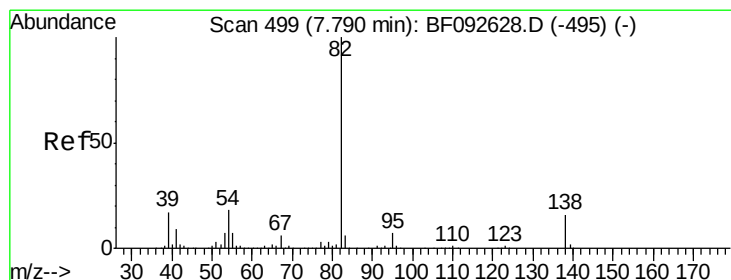
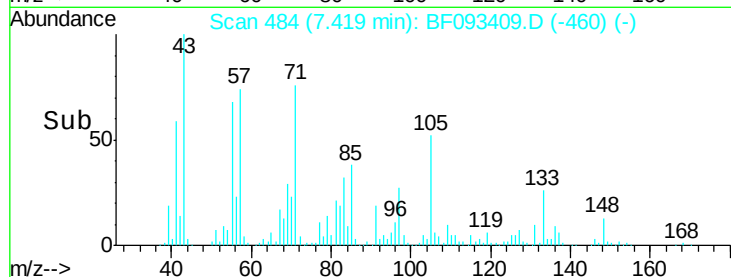
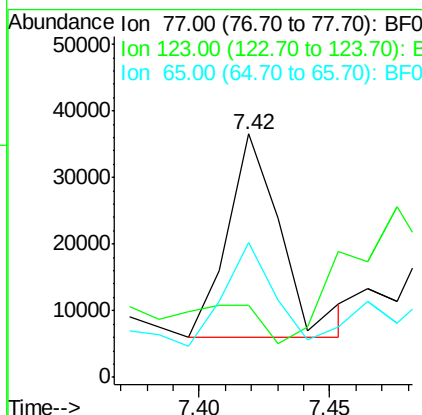
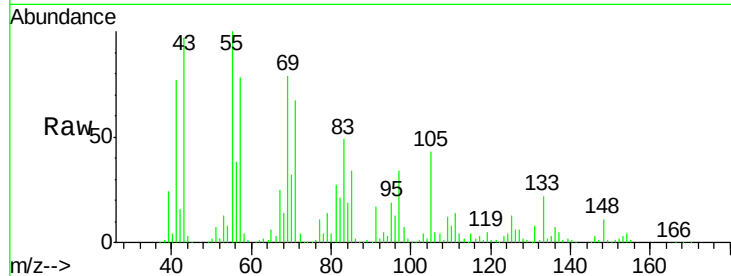




#24
 Nitrobenzene
 Concen: 5.13 ng
 RT: 7.42 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF093409.D
 Acq: 6 Mar 2017 19:08

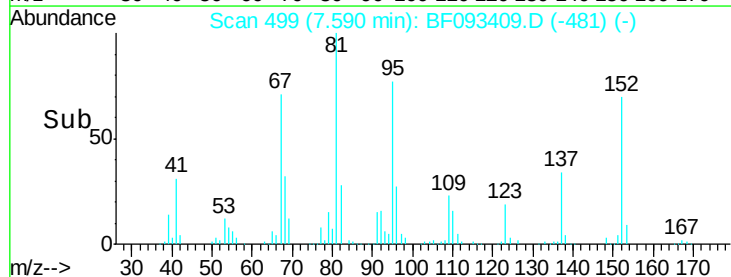
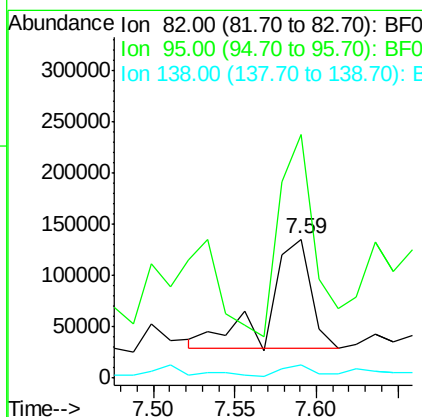
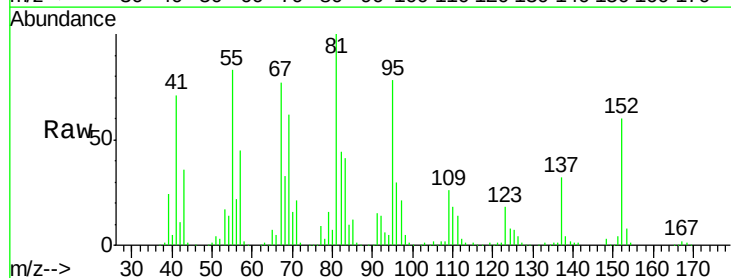
Instrument :
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 ClientSampled :
 18B-23

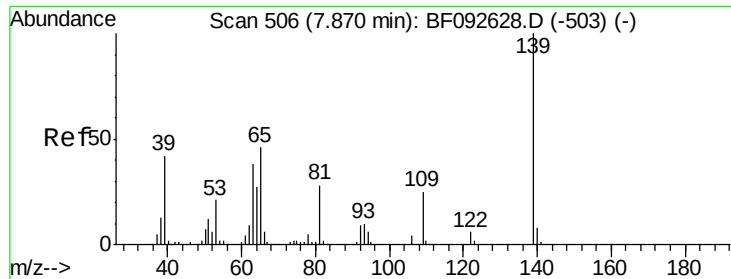
Tgt Ion: 77 Resp: 44418
 Ion Ratio Lower Upper
 77 100
 123 29.4 33.0 49.4#
 65 55.5 11.2 16.8#



#25
 Isophorone
 Concen: 12.28 ng
 RT: 7.59 min Scan# 499
 Delta R.T. -0.10 min
 Lab File: BF093409.D
 Acq: 6 Mar 2017 19:08

Tgt Ion: 82 Resp: 193137
 Ion Ratio Lower Upper
 82 100
 95 175.4 5.6 8.4#
 138 9.1 14.6 22.0#





#26

2-Nitrophenol

Concen: 10.77 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampled :

18B-23

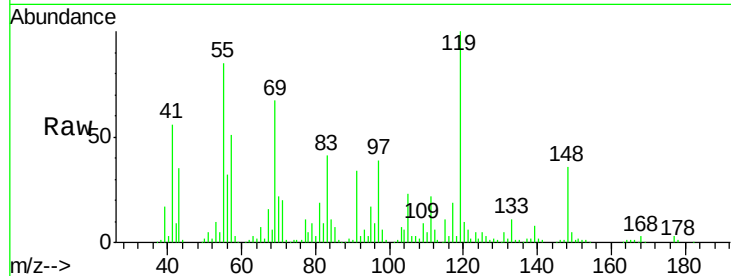
Tgt Ion: 139 Resp: 44336

Ion Ratio Lower Upper

139 100

109 119.3 23.3 34.9#

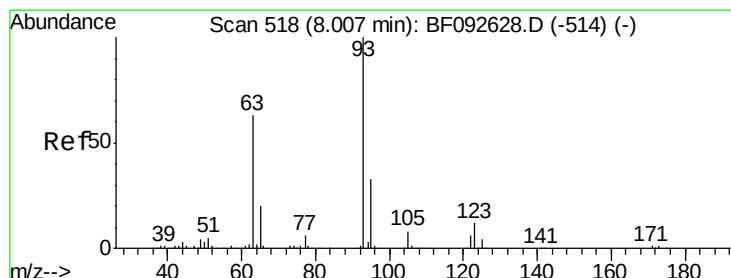
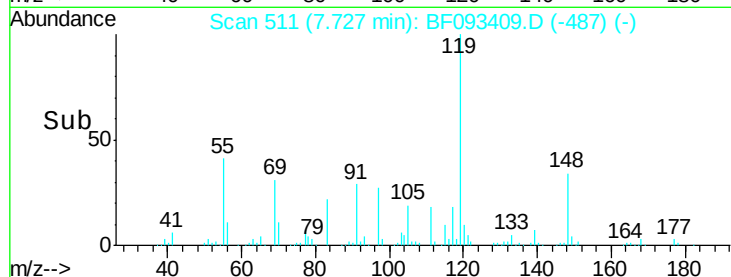
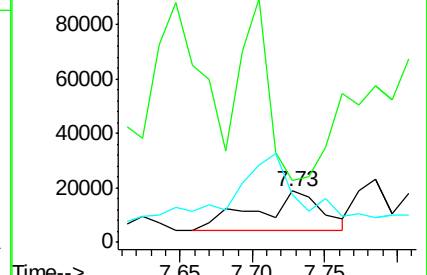
65 91.8 42.7 64.1#



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): E



#28

bis(2-Chloroethoxy)methane

Concen: 4.40 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.04 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

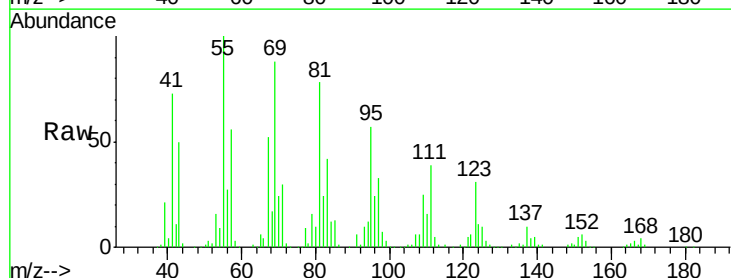
Tgt Ion: 93 Resp: 45782

Ion Ratio Lower Upper

93 100

95 577.1 26.5 39.7#

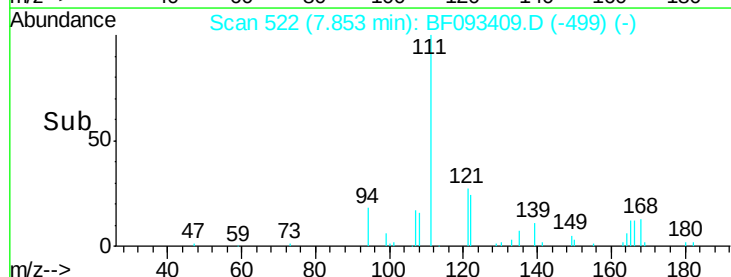
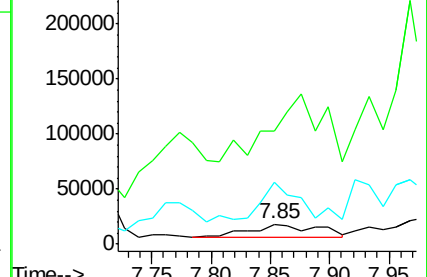
123 313.9 8.6 13.0#

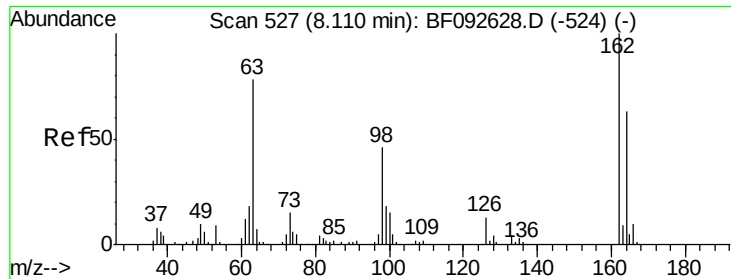


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

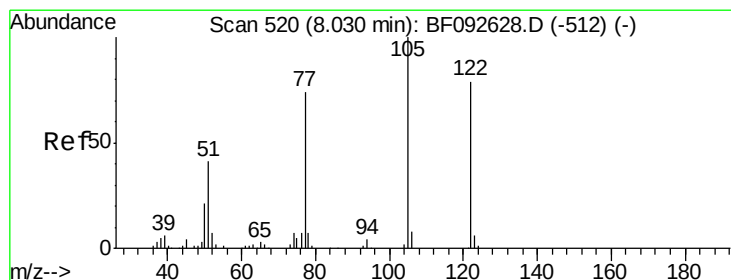
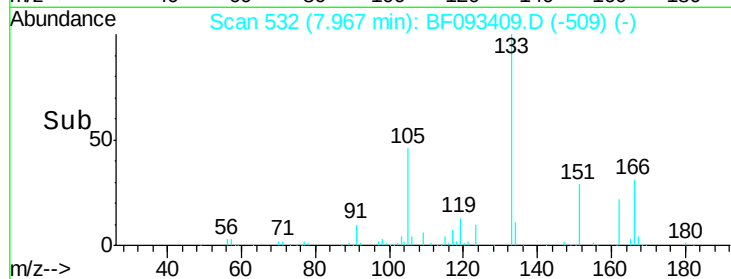
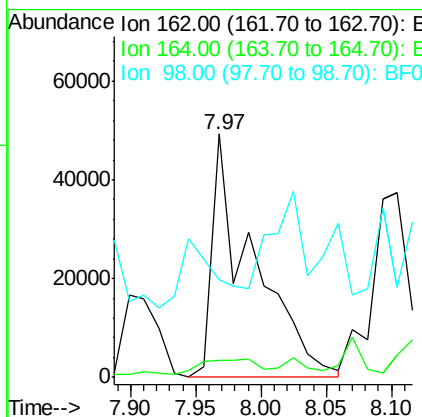
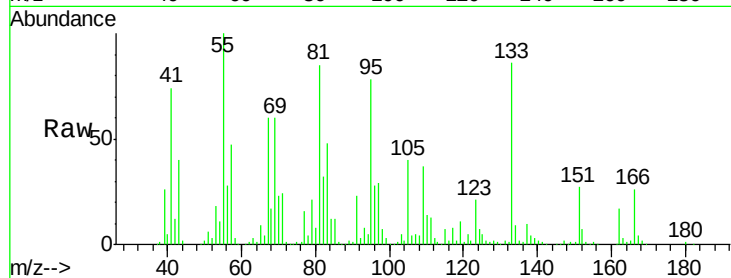




#29
2,4-Dichlorophenol
Concen: 15.77 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.04 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

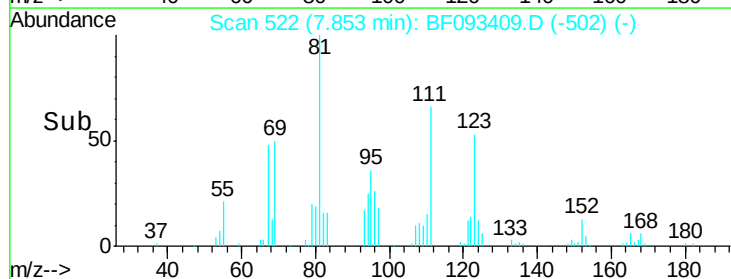
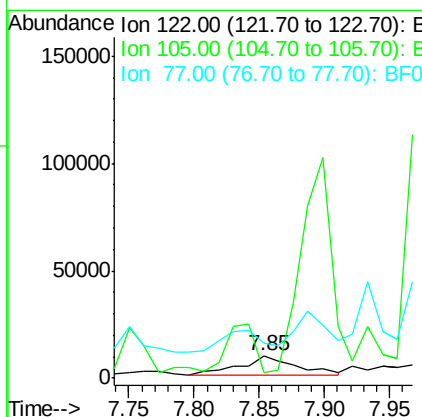
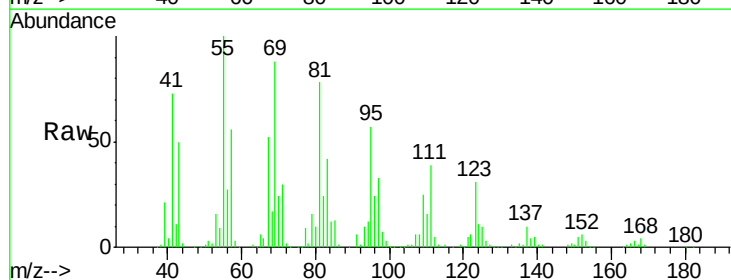
Instrument :
BNA_F
ClientSampleId :
18B-23

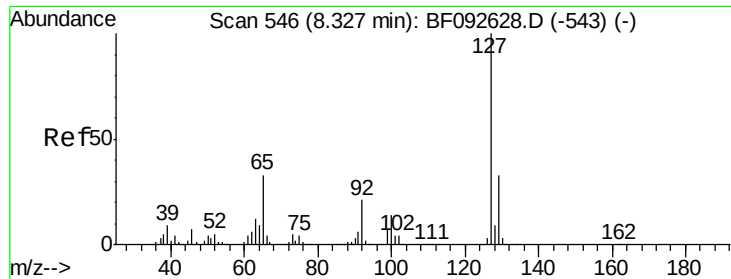
Tgt Ion:162 Resp: 106344
Ion Ratio Lower Upper
162 100
164 6.8 46.8 86.8#
98 40.2 9.1 49.1



#32
Benzoic acid
Concen: 12.67 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.07 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion:122 Resp: 26525
Ion Ratio Lower Upper
122 100
105 24.3 107.2 147.2#
77 154.1 74.5 114.5#

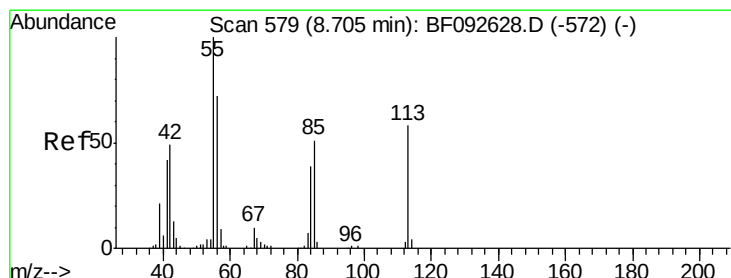
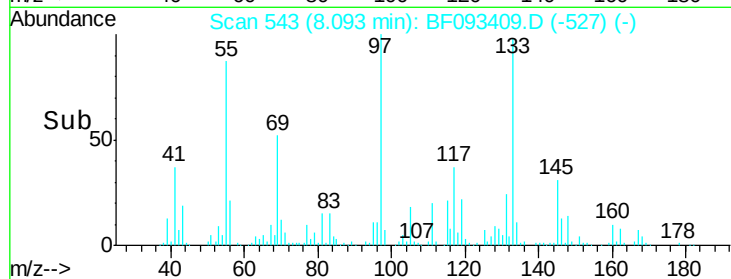
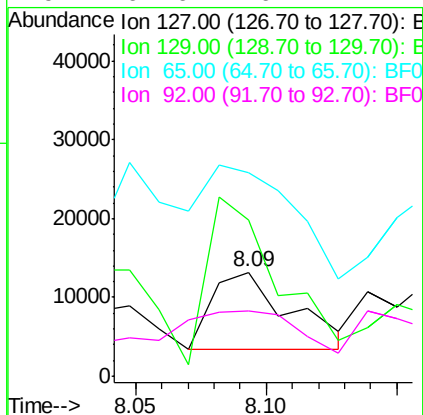
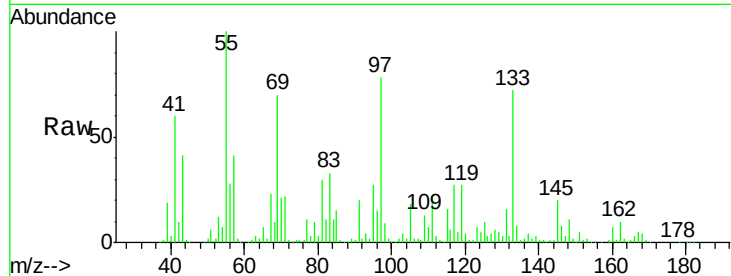




#33
4-Chloroaniline
Concen: 2.21 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.12 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

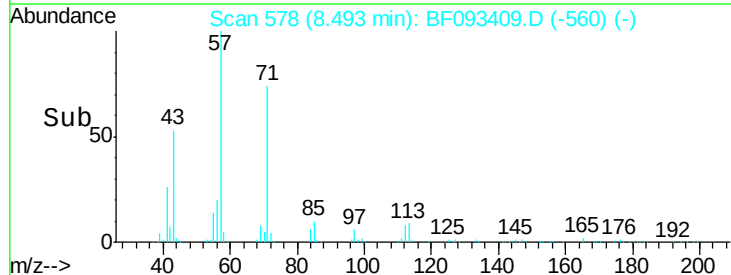
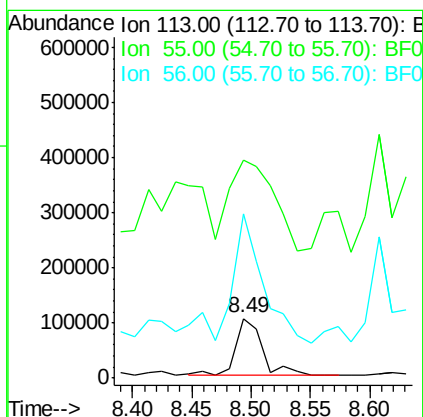
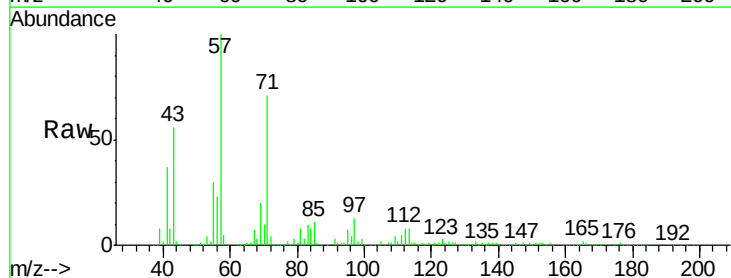
Instrument :
BNA_F
ClientSampleId :
18B-23

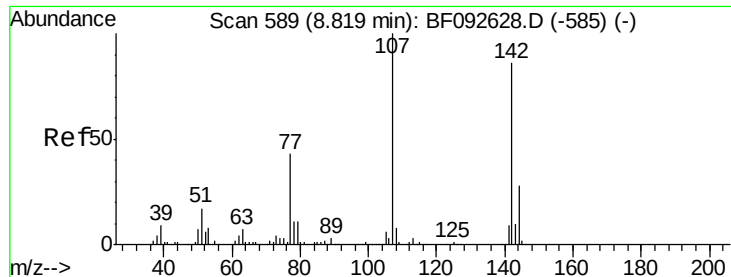
Tgt Ion:127 Resp: 20662
Ion Ratio Lower Upper
127 100
129 150.4 26.3 39.5#
65 195.1 25.8 38.8#
92 62.6 16.1 24.1#



#35
Caprolactam
Concen: 78.20 ng
RT: 8.49 min Scan# 578
Delta R.T. -0.10 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion:113 Resp: 165921
Ion Ratio Lower Upper
113 100
55 365.6 119.2 159.2#
56 275.7 83.8 123.8#

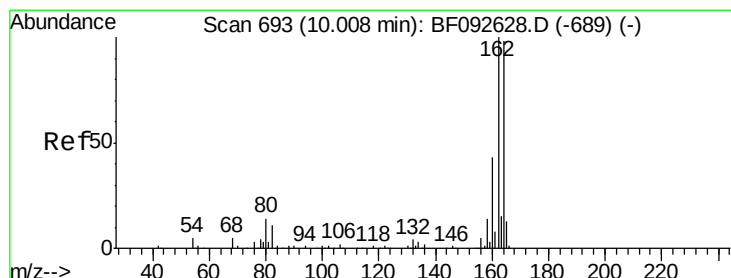
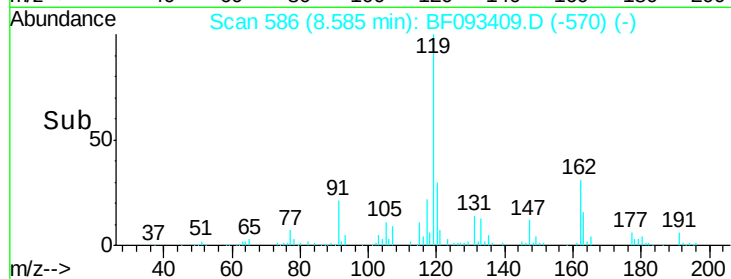
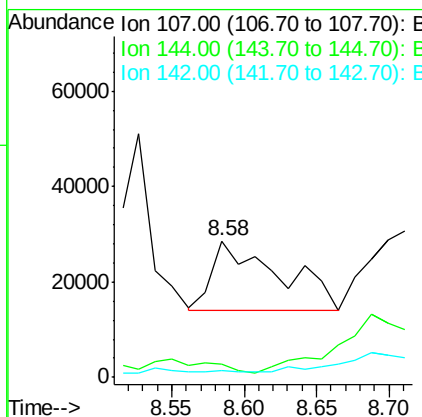
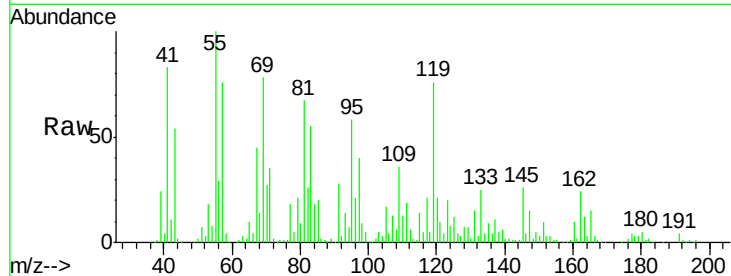




#36
4-Chloro-3-methylphenol
Concen: 6.56 ng
RT: 8.58 min Scan# 586
Delta R.T. -0.12 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

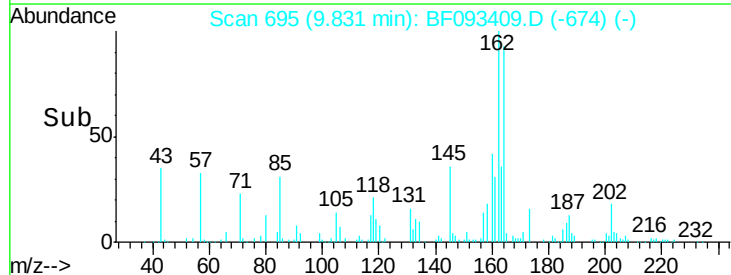
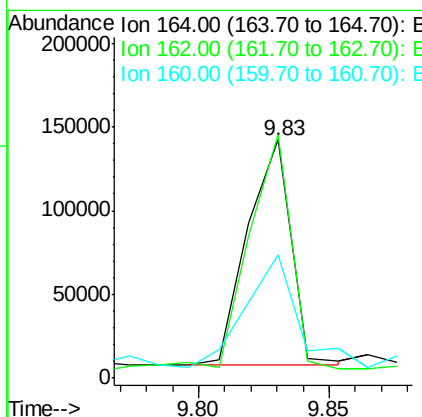
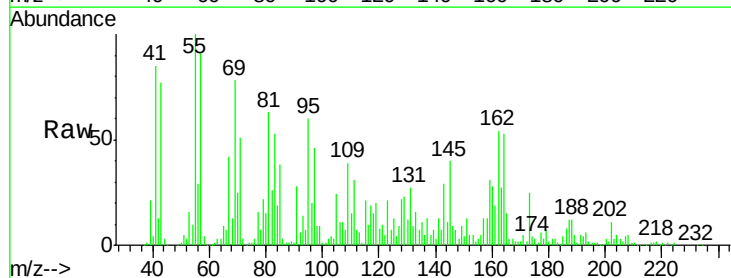
Instrument :
BNA_F
ClientSampleId :
18B-23

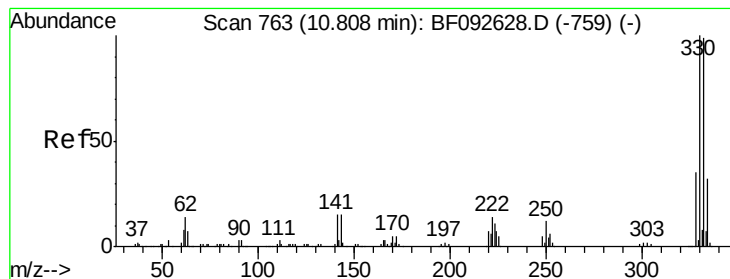
Tgt Ion:107 Resp: 46101
Ion Ratio Lower Upper
107 100
144 10.1 19.3 28.9#
142 5.0 59.0 88.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion:164 Resp: 157046
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 52.0 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 44.06 ng

RT: 10.62 min Scan# 764

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampled :

18B-23

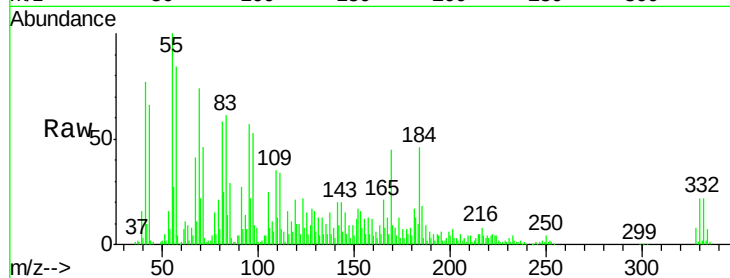
Tgt Ion:330 Resp: 50043

Ion Ratio Lower Upper

330 100

332 99.7 77.4 116.2

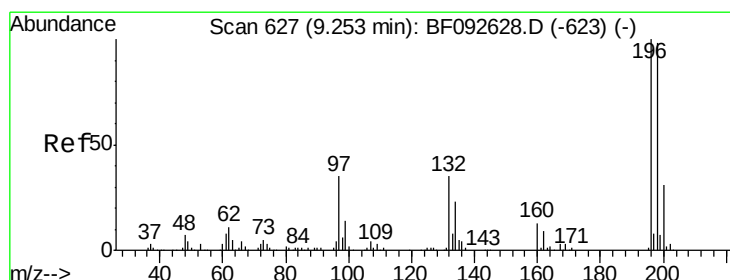
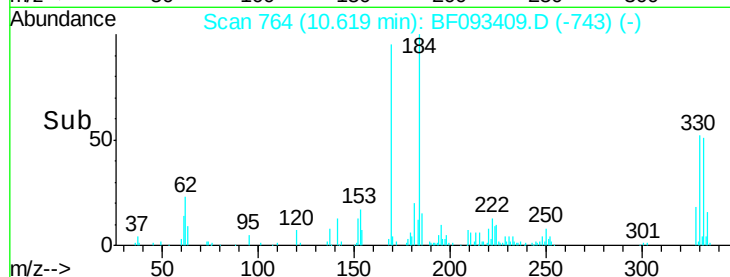
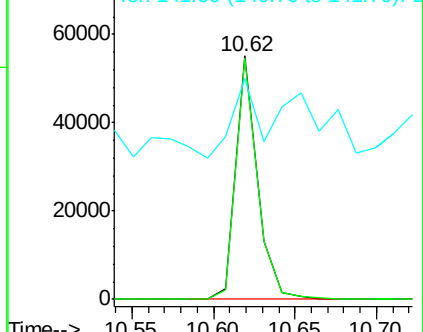
141 36.4 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 2.90 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.07 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

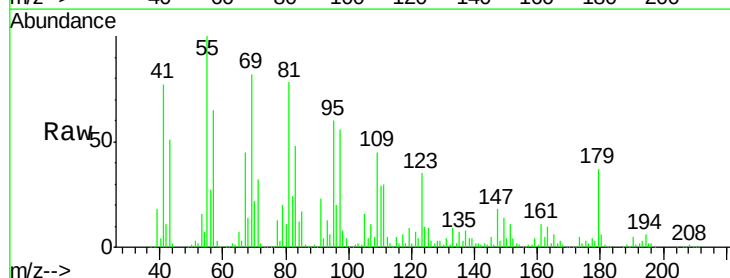
Tgt Ion:196 Resp: 8389

Ion Ratio Lower Upper

196 100

198 0.0 82.1 123.1#

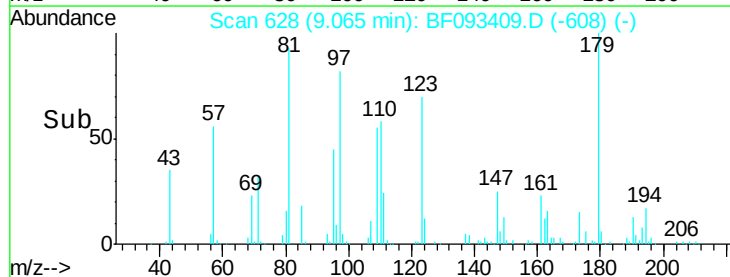
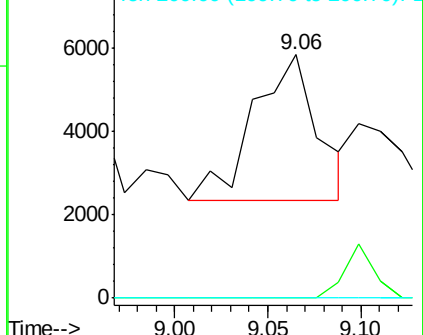
200 0.0 27.0 40.4#

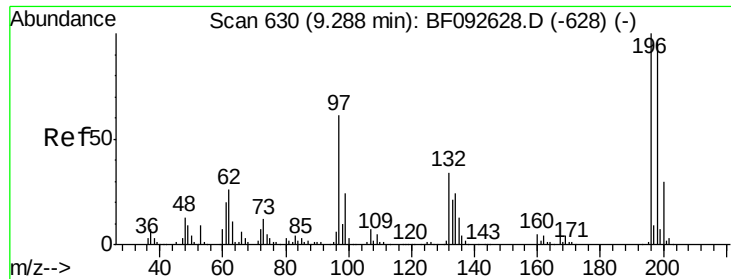


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

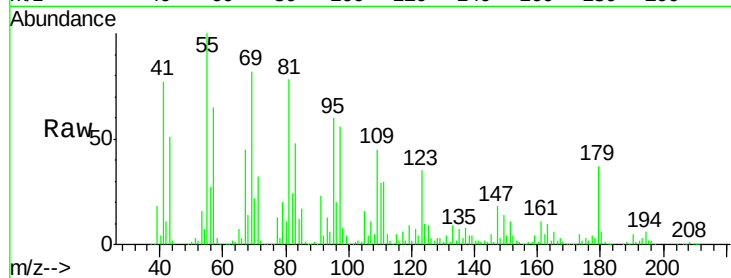




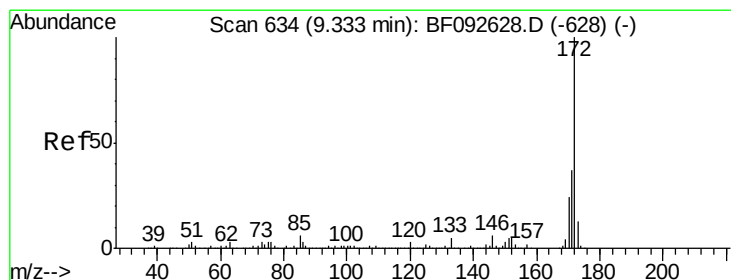
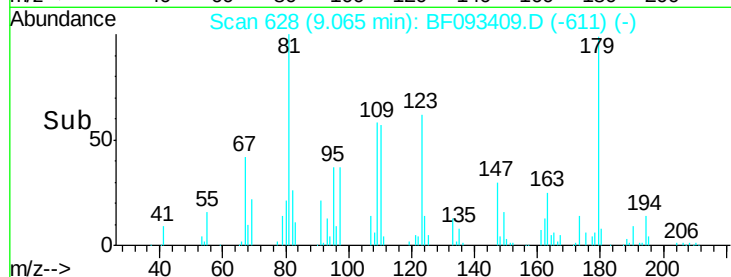
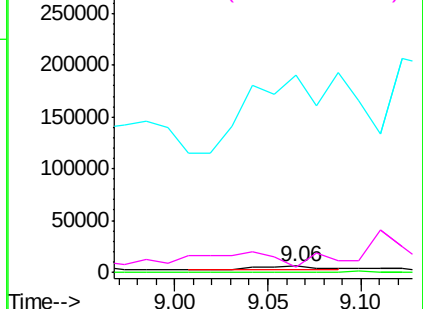
#43
2,4,5-Trichlorophenol
Concen: 2.64 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.11 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Instrument :
BNA_F
ClientSampleId :
18B-23

Tgt Ion:196 Resp: 8389
Ion Ratio Lower Upper
196 100
198 0.0 79.4 119.2#
97 3264.0 51.5 77.3#
132 82.3 27.4 41.2#

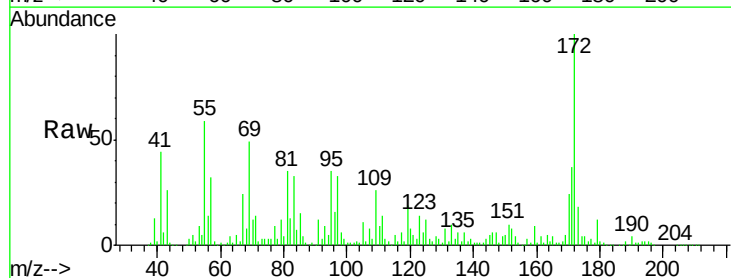


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

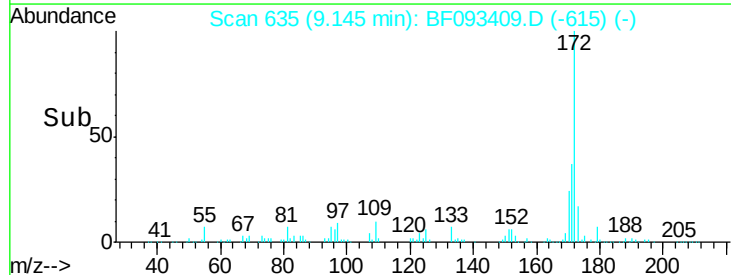
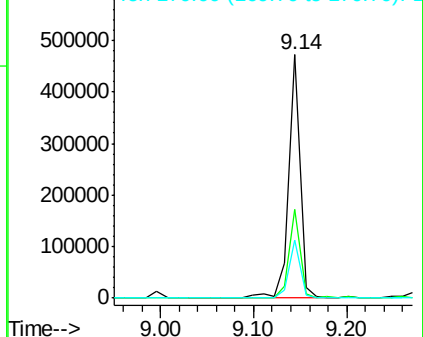


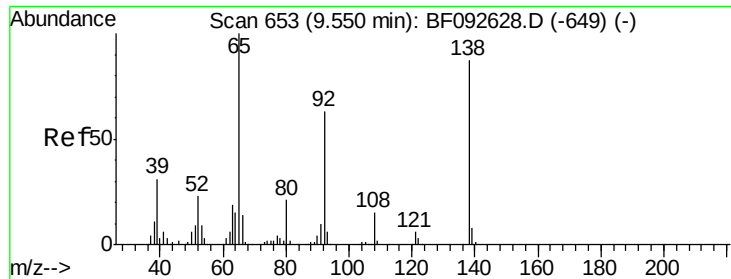
#44
2-Fluorobiphenyl
Concen: 46.68 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.07 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion:172 Resp: 404655
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 23.7 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

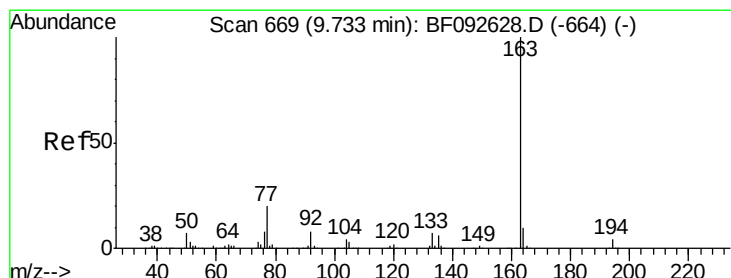
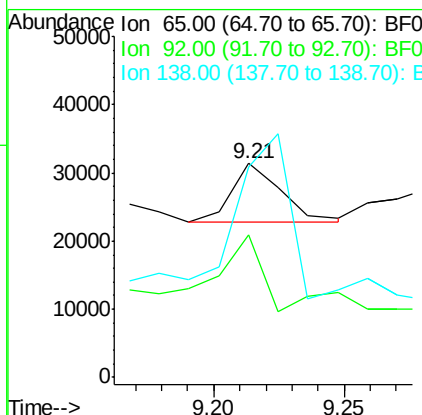
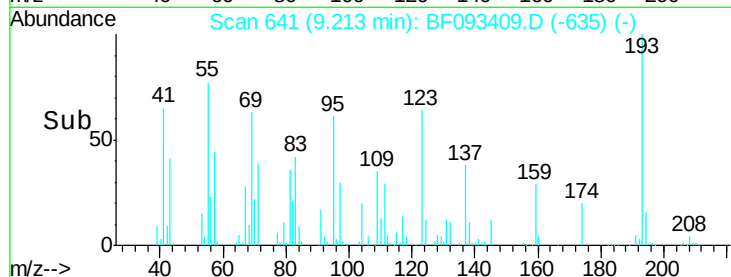
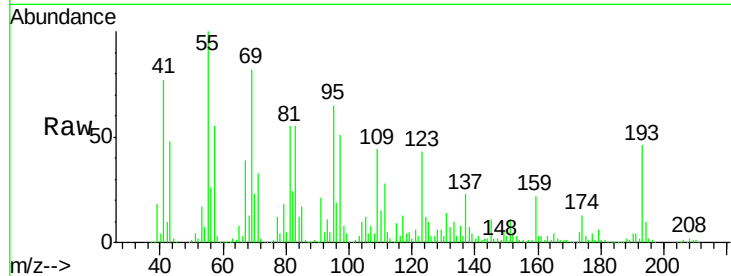




#47
 2-Nitroaniline
 Concen: 3.80 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.23 min
 Lab File: BF093409.D
 Acq: 6 Mar 2017 19:08

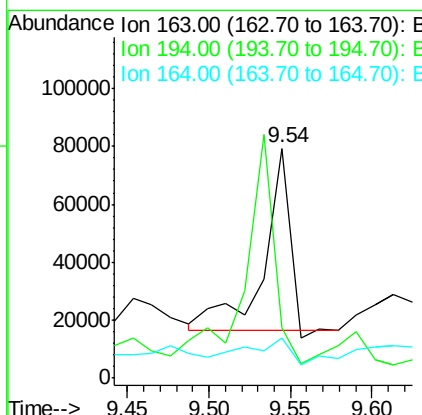
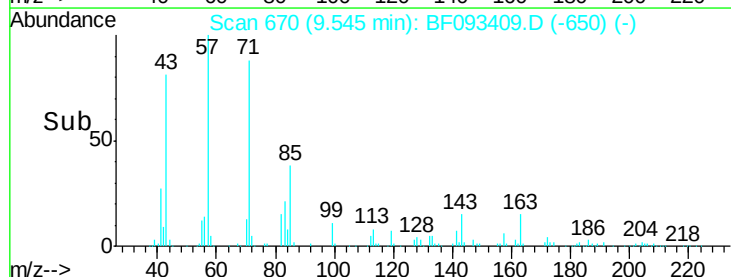
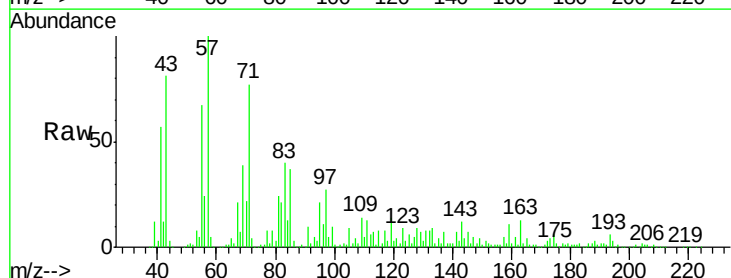
Instrument :
 BNA_F
 ClientSampleID :
 18B-23

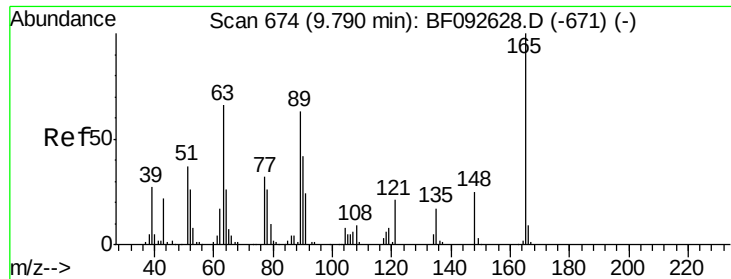
Tgt Ion: 65 Resp: 11368
 Ion Ratio Lower Upper
 65 100
 92 66.7 53.9 80.9
 138 98.4 76.8 115.2



#49
 Dimethylphthalate
 Concen: 6.57 ng
 RT: 9.54 min Scan# 670
 Delta R.T. -0.07 min
 Lab File: BF093409.D
 Acq: 6 Mar 2017 19:08

Tgt Ion: 163 Resp: 69537
 Ion Ratio Lower Upper
 163 100
 194 22.0 3.0 4.4#
 164 17.6 8.0 12.0#

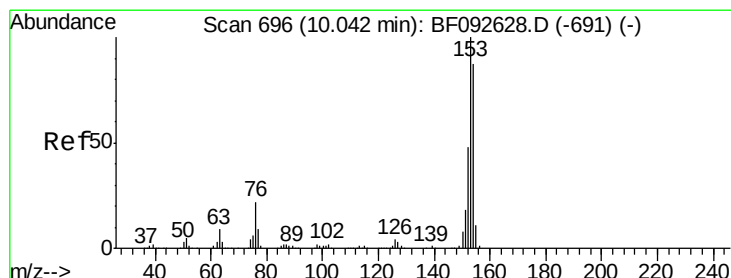
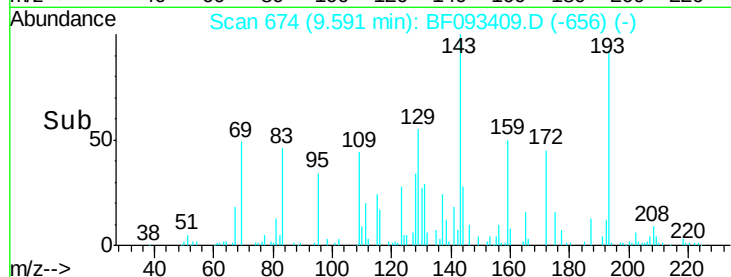
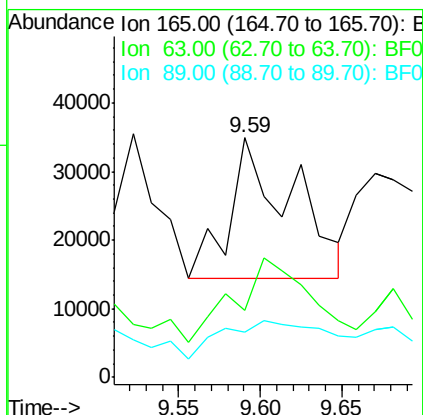
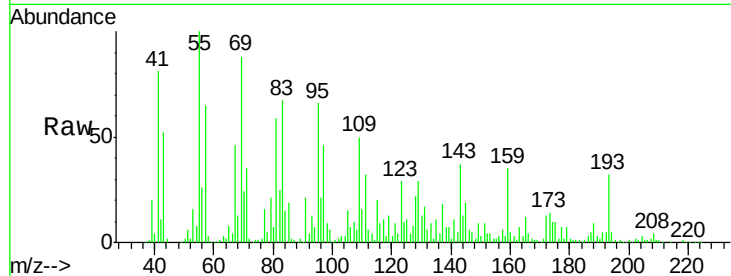




#50
 2,6-Dinitrotoluene
 Concen: 24.11 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF093409.D
 Acq: 6 Mar 2017 19:08

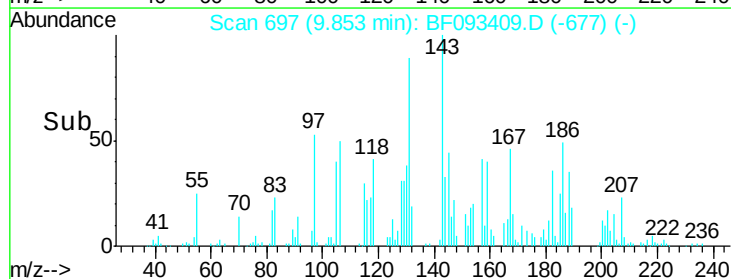
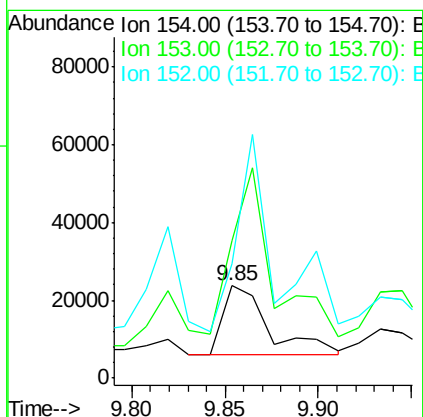
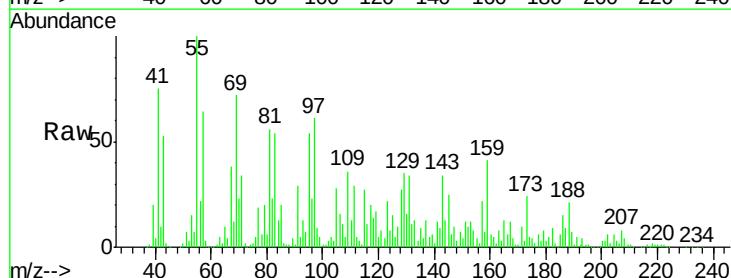
Instrument :
 BNA_F
 ClientSampleId :
 18B-23

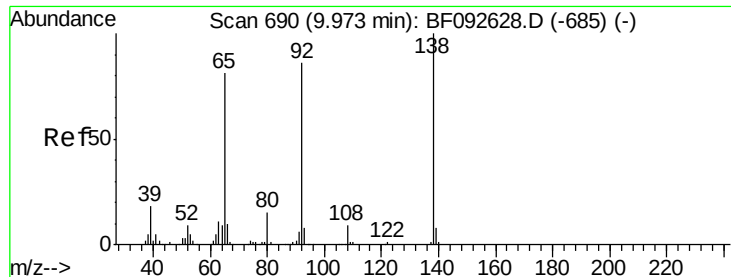
Tgt Ion:165 Resp: 55079
 Ion Ratio Lower Upper
 165 100
 63 27.9 36.2 54.4#
 89 18.7 40.2 60.4#



#51
 Acenaphthene
 Concen: 3.28 ng
 RT: 9.85 min Scan# 697
 Delta R.T. -0.07 min
 Lab File: BF093409.D
 Acq: 6 Mar 2017 19:08

Tgt Ion:154 Resp: 30097
 Ion Ratio Lower Upper
 154 100
 153 149.0 88.6 133.0#
 152 123.8 41.6 62.4#





#52

3-Nitroaniline

Concen: 13.95 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.09 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

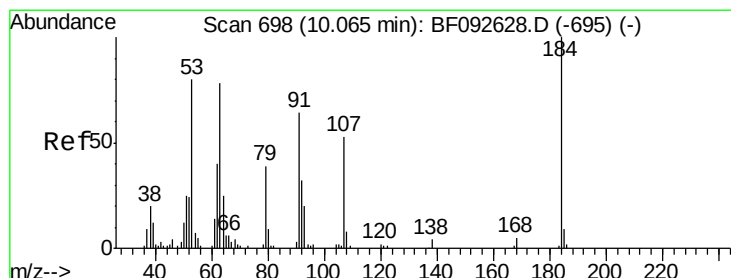
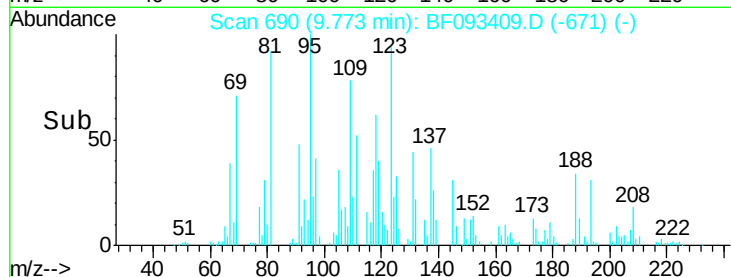
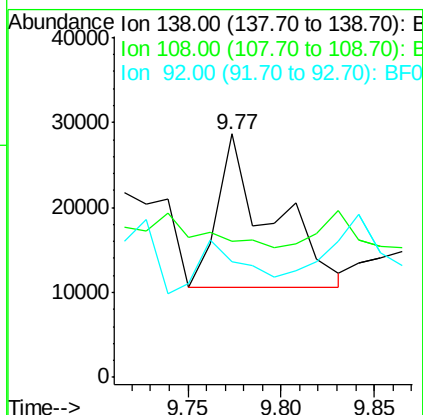
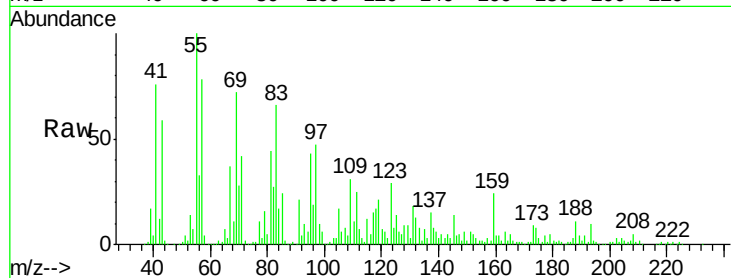
Tgt Ion:138 Resp: 36470

Ion Ratio Lower Upper

138 100

108 55.8 8.5 12.7#

92 47.6 97.8 146.8#



#53

2,4-Dinitrophenol

Concen: 7.20 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.10 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

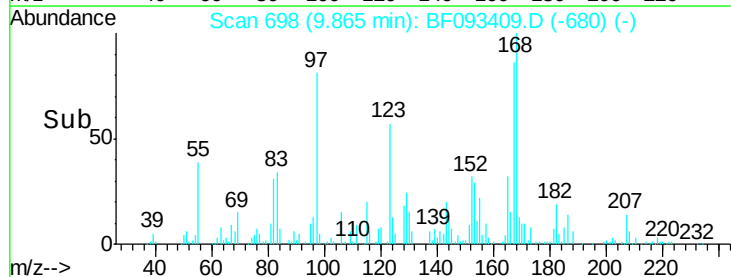
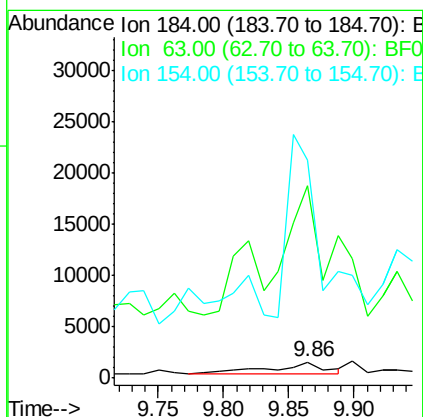
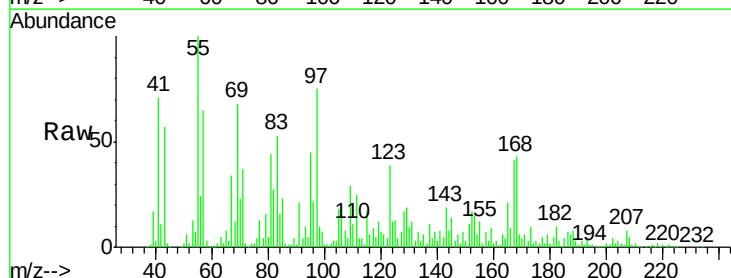
Tgt Ion:184 Resp: 3046

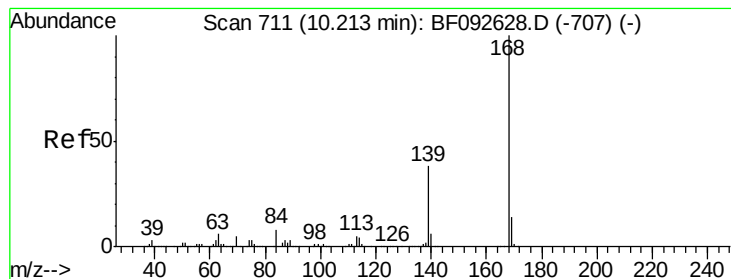
Ion Ratio Lower Upper

184 100

63 1213.7 28.4 42.6#

154 1372.5 44.3 66.5#





#54

Dibenzofuran

Concen: 2.42 ng

RT: 10.04 min Scan# 713

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampled :

18B-23

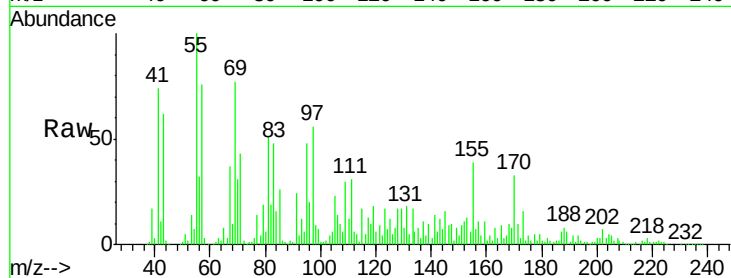
Tgt Ion:168 Resp: 29703

Ion Ratio Lower Upper

168 100

139 99.3 32.6 49.0#

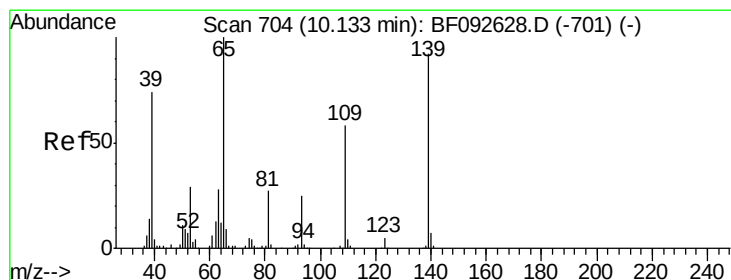
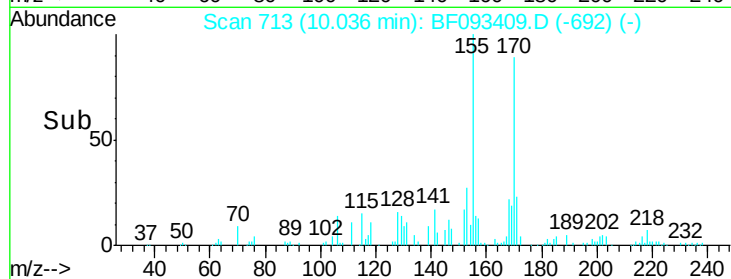
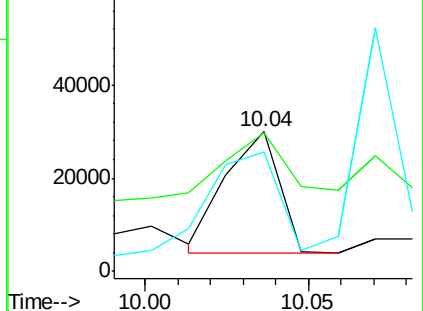
169 85.5 11.3 16.9#



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: 6.67 ng

RT: 9.93 min Scan# 704

Delta R.T. -0.09 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

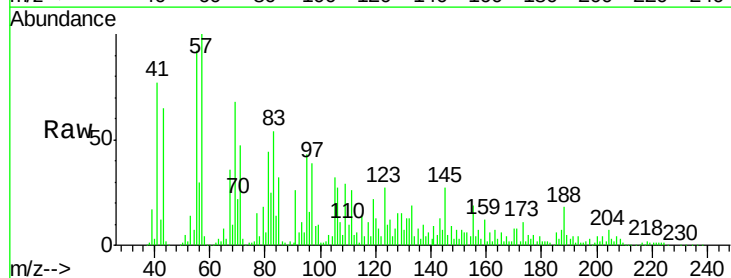
Tgt Ion:139 Resp: 12557

Ion Ratio Lower Upper

139 100

109 514.9 52.2 92.2#

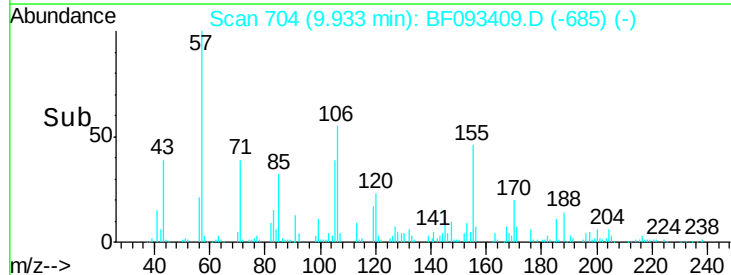
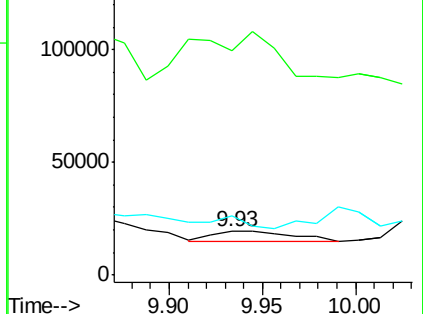
65 135.7 85.8 125.8#

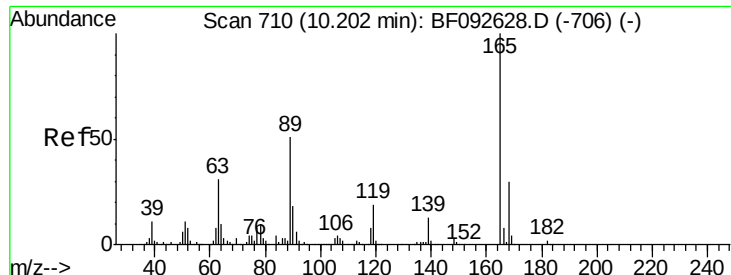


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

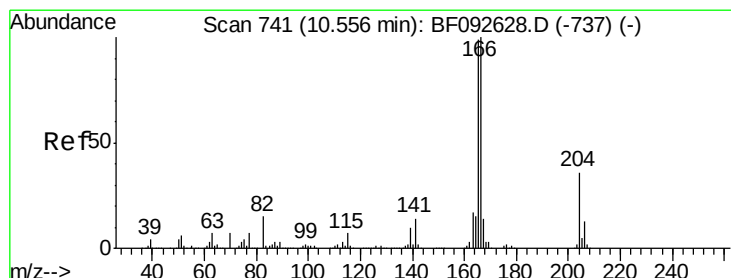
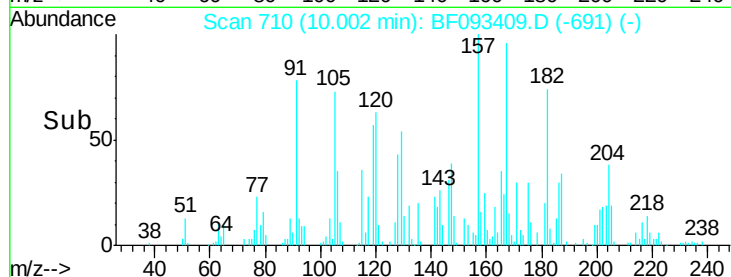
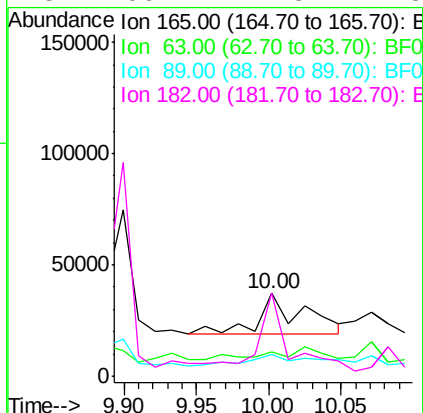
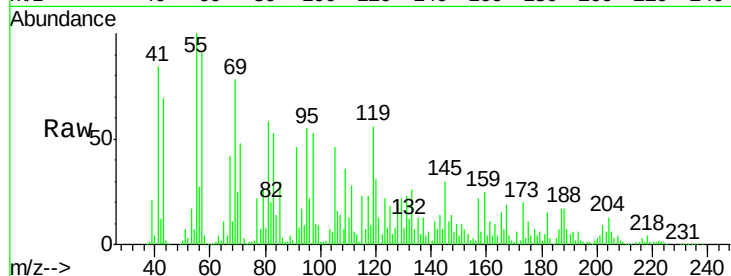




#56
2,4-Dinitrotoluene
Concen: 13.20 ng
RT: 10.00 min Scan# 710
Delta R.T. -0.09 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

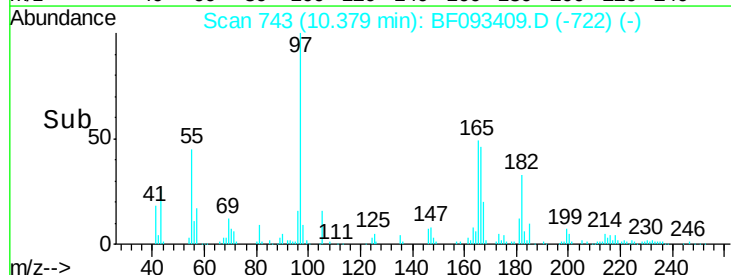
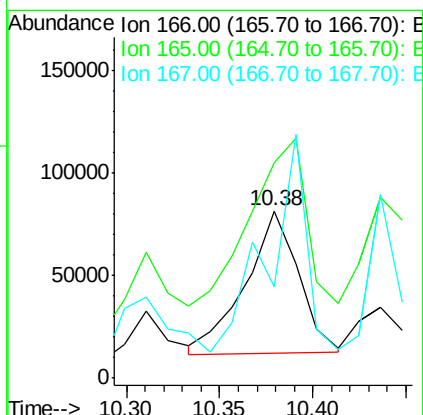
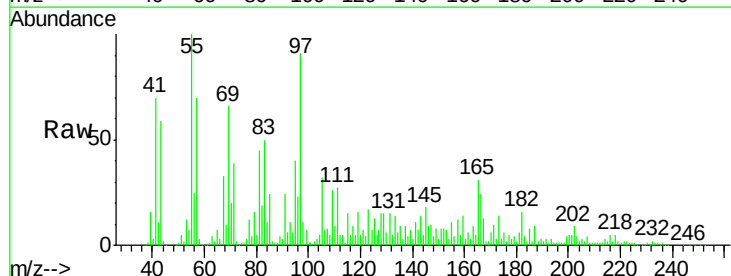
Instrument :
BNA_F
ClientSampleID :
18B-23

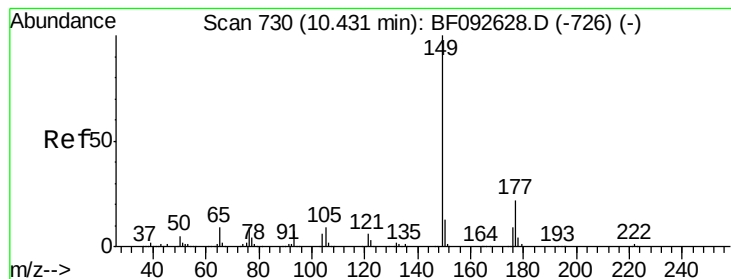
Tgt Ion:	165	Resp:	40154
Ion	Ratio	Lower	Upper
165	100		
63	29.4	40.2	60.4#
89	26.9	62.5	93.7#
182	100.4	1.8	2.8#



#57
Fluorene
Concen: 14.45 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion:	166	Resp:	136666
Ion	Ratio	Lower	Upper
166	100		
165	128.8	77.8	116.8#
167	54.7	10.8	16.2#





#59

Diethylphthalate

Concen: 3.29 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampled :

18B-23

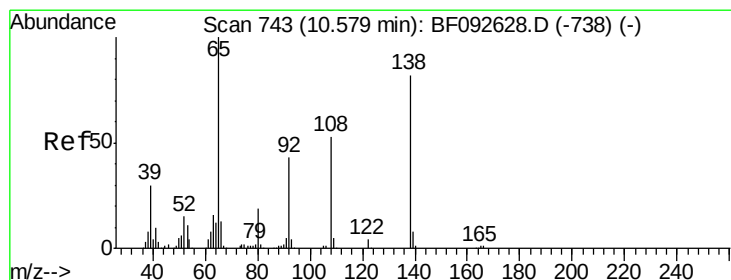
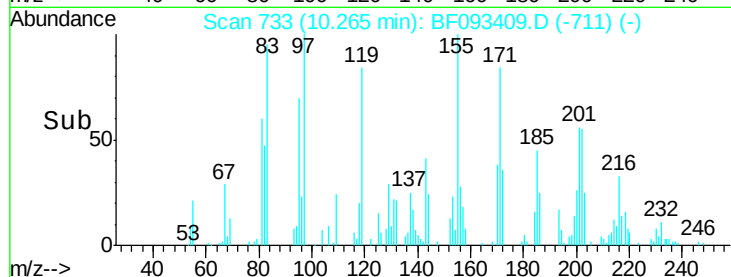
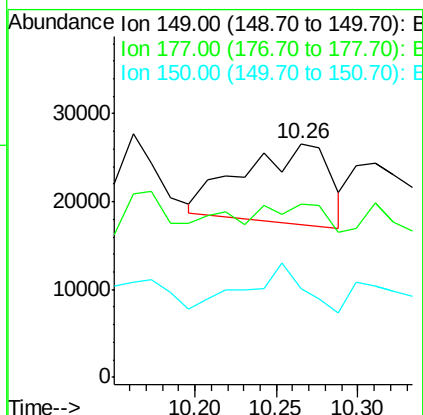
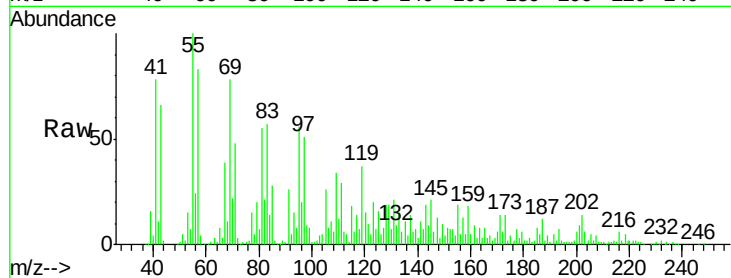
Tgt Ion:149 Resp: 32840

Ion Ratio Lower Upper

149 100

177 74.2 16.6 25.0#

150 37.8 10.4 15.6#



#61

4-Nitroaniline

Concen: 9.30 ng

RT: 10.28 min Scan# 734

Delta R.T. -0.19 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

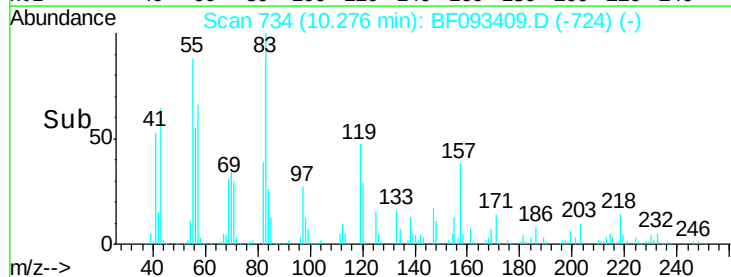
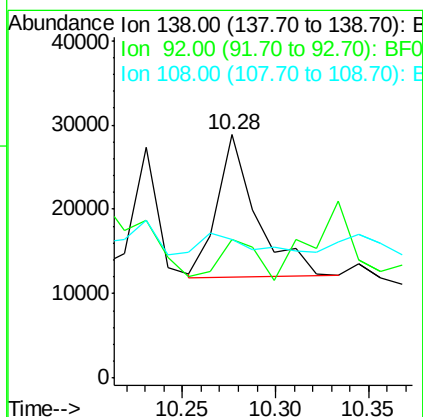
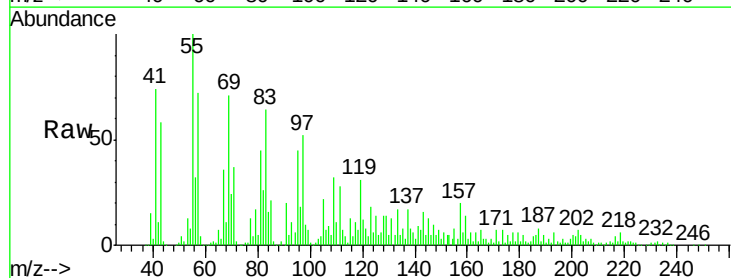
Tgt Ion:138 Resp: 24907

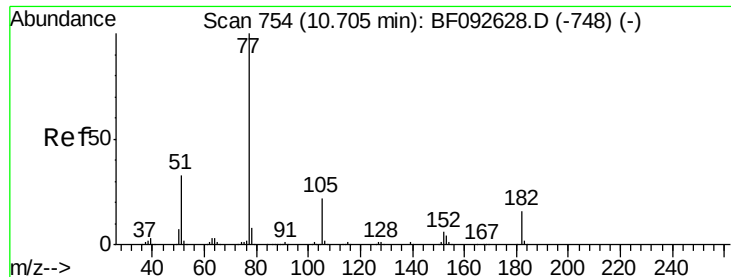
Ion Ratio Lower Upper

138 100

92 56.7 31.7 71.7

108 57.1 52.6 92.6





#62

Azobenzene

Concen: 6.01 ng

RT: 10.53 min Scan# 756

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

Tgt Ion: 77 Resp: 61862

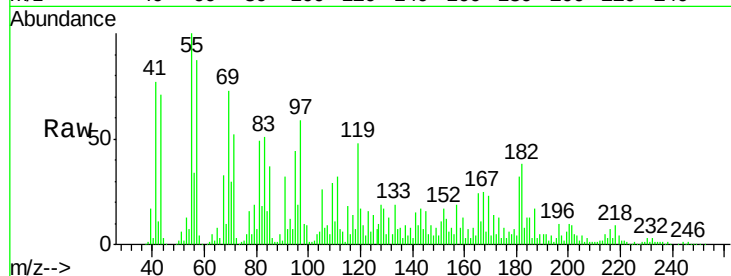
Ion Ratio Lower Upper

77 100

182 231.8 0.0 39.3#

105 161.0 2.3 42.3#

51 33.8 8.9 48.9

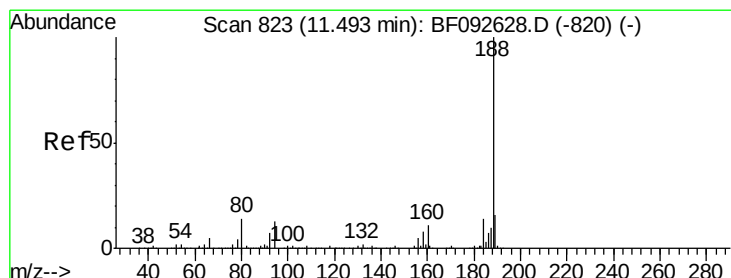
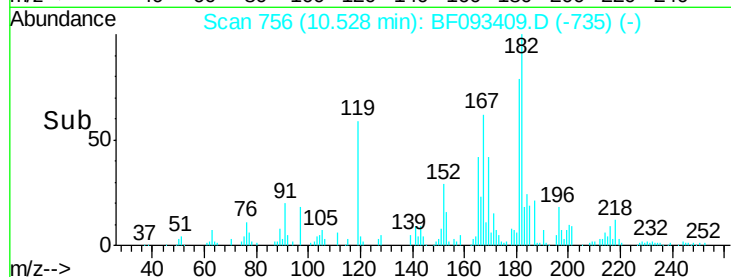
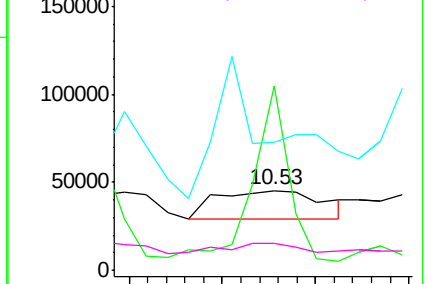


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

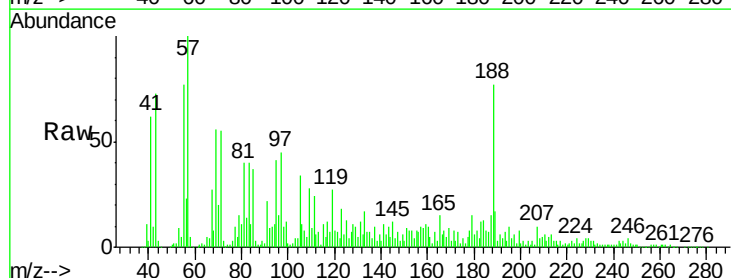
Tgt Ion: 188 Resp: 231370

Ion Ratio Lower Upper

188 100

94 14.4 10.0 15.0

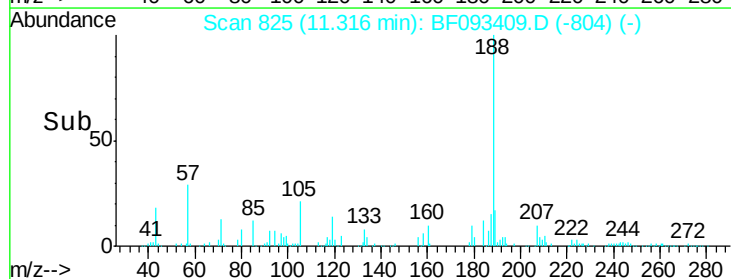
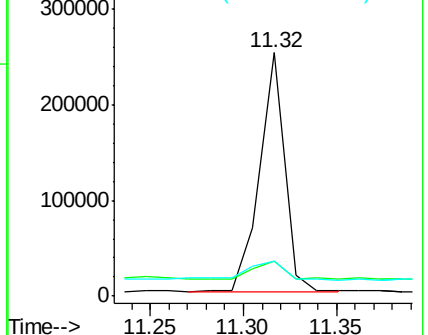
80 14.6 11.2 16.8

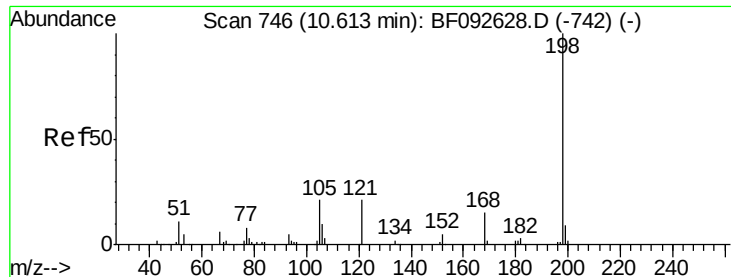


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.11 ng

RT: 10.44 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

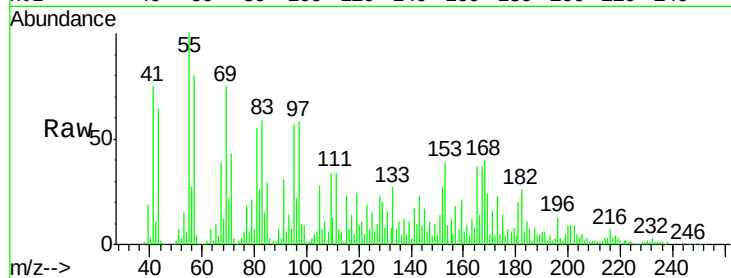
Tgt Ion:198 Resp: 3639

Ion Ratio Lower Upper

198 100

51 379.4 6.7 46.7#

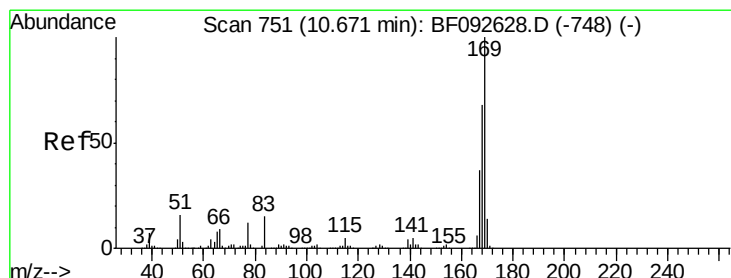
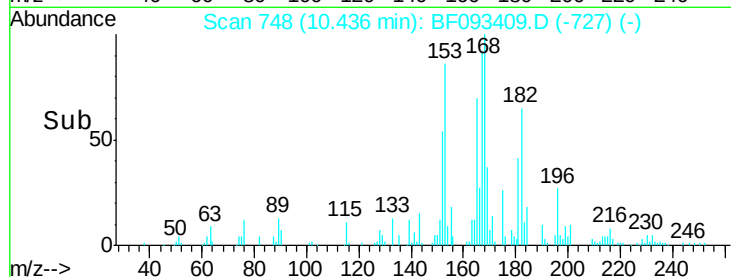
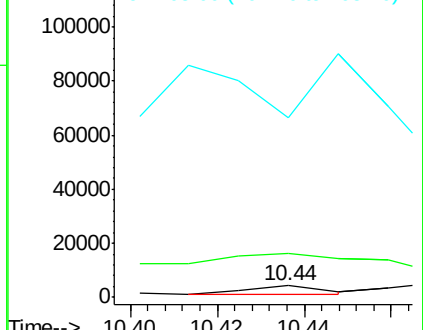
105 1525.7 16.6 56.6#



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: 28.61 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.07 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

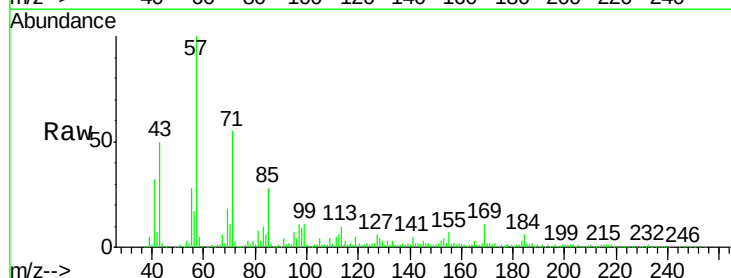
Tgt Ion:169 Resp: 211455

Ion Ratio Lower Upper

169 100

168 19.8 54.2 81.2#

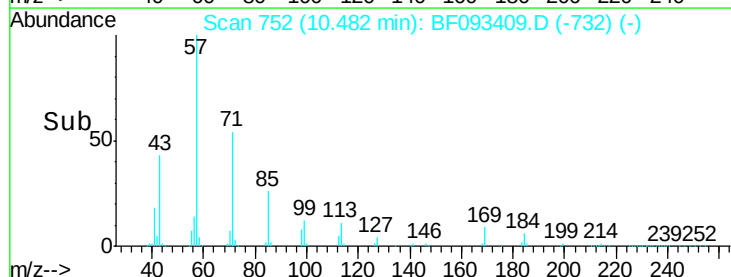
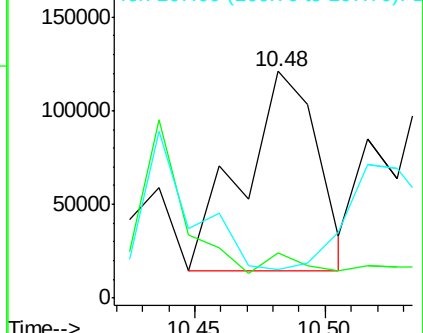
167 12.5 30.2 45.4#

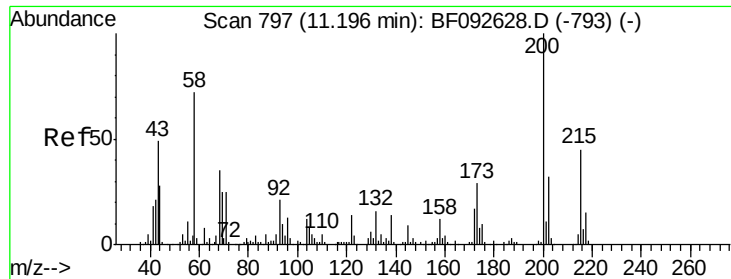


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

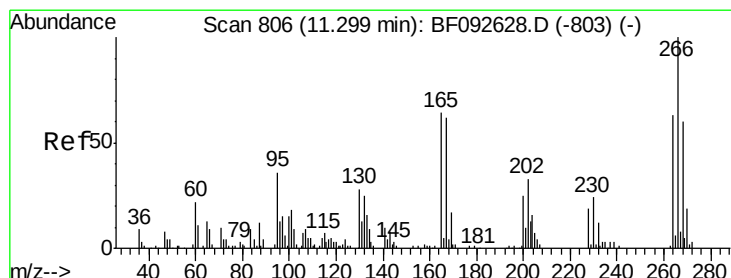
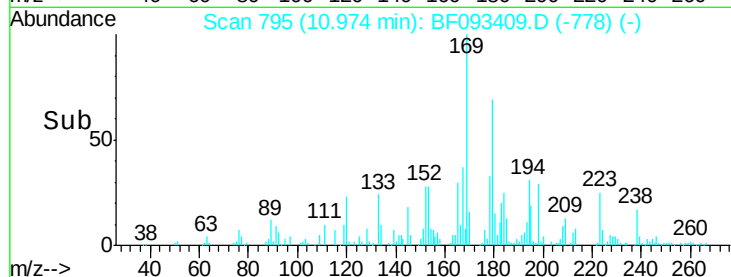
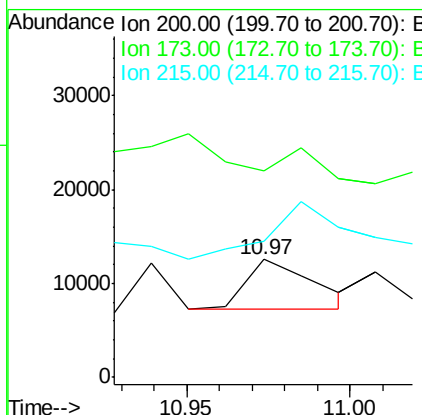
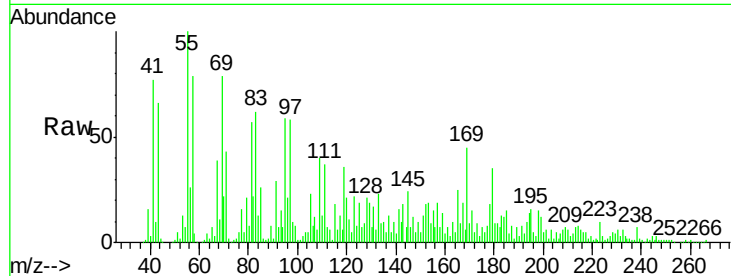




#68
Atrazine
Concen: 3.06 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.11 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

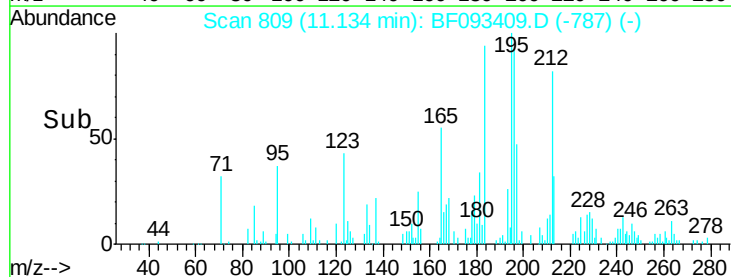
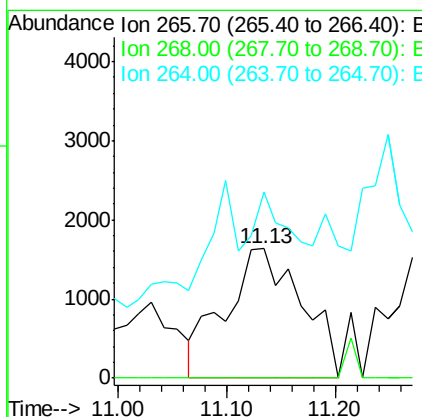
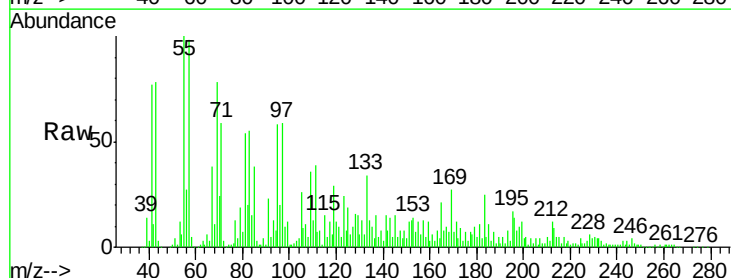
Instrument :
BNA_F
ClientSampled :
18B-23

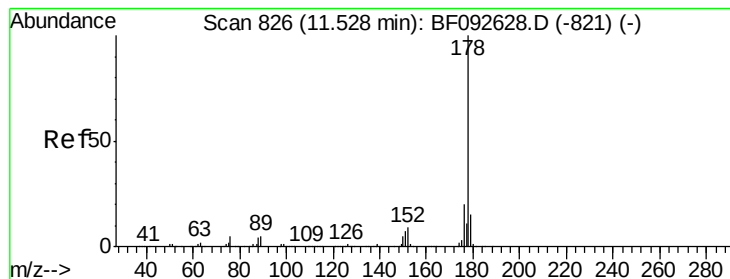
Tgt Ion:200 Resp: 7252
Ion Ratio Lower Upper
200 100
173 175.1 9.6 49.6#
215 116.1 25.7 65.7#



#69
Pentachlorophenol
Concen: 13.08 ng
RT: 11.13 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093409.D
Acq: 6 Mar 2017 19:08

Tgt Ion:266 Resp: 7964
Ion Ratio Lower Upper
266 100
268 0.0 53.3 79.9#
264 144.1 50.3 75.5#





#70

Phenanthrene

Concen: 5.18 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.04 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

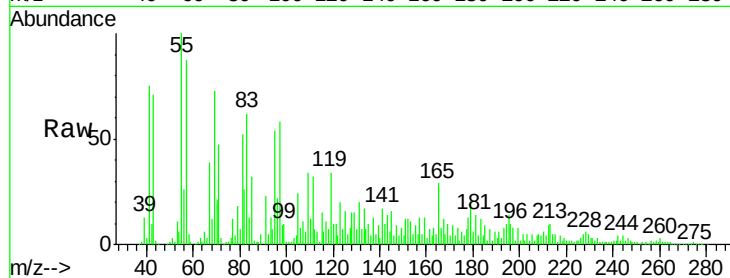
Tgt Ion:178 Resp: 68605

Ion Ratio Lower Upper

178 100

176 32.7 16.6 25.0#

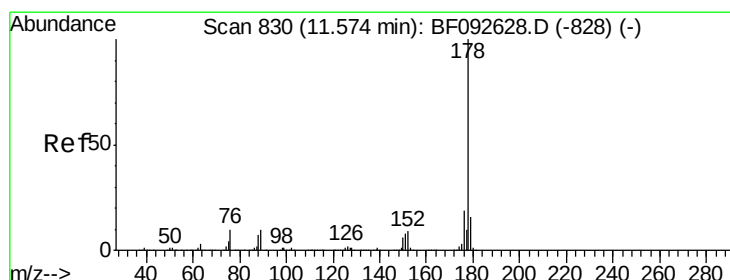
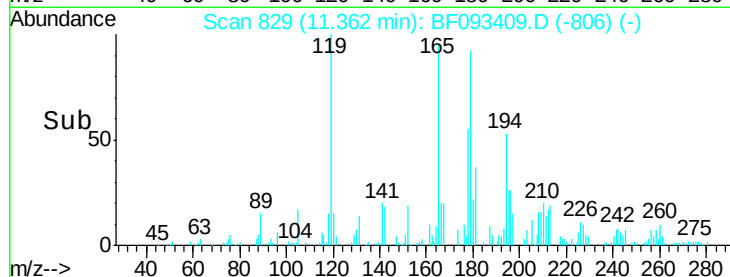
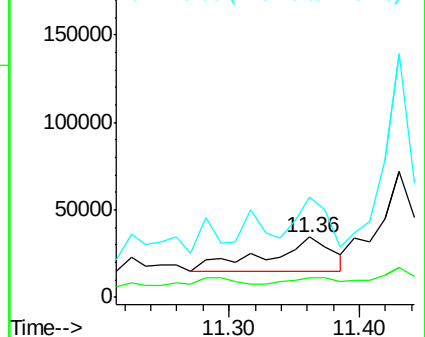
179 166.9 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.15 ng

RT: 11.36 min Scan# 829

Delta R.T. -0.10 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

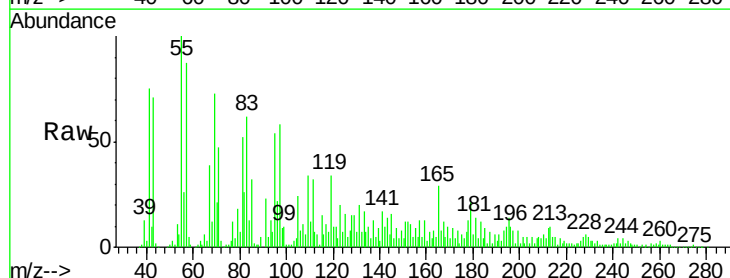
Tgt Ion:178 Resp: 68605

Ion Ratio Lower Upper

178 100

176 32.7 15.9 23.9#

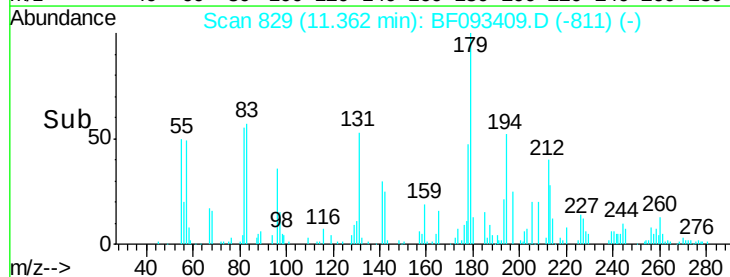
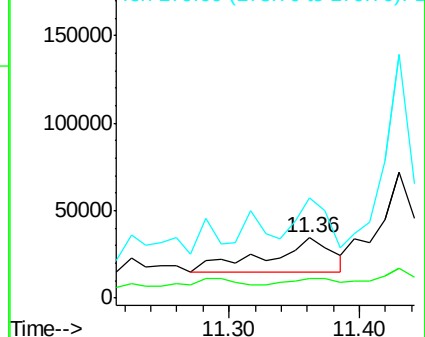
179 166.9 13.2 19.8#

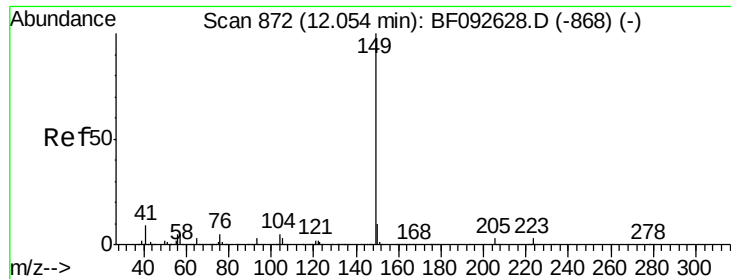


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 2.30 ng

RT: 11.85 min Scan# 872

Delta R.T. -0.09 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampled :

18B-23

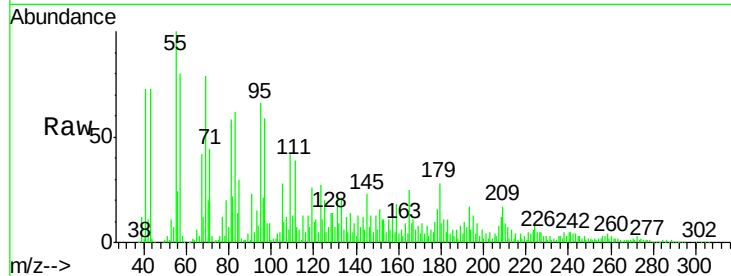
Tgt Ion:149 Resp: 31703

Ion Ratio Lower Upper

149 100

150 45.8 8.1 12.1#

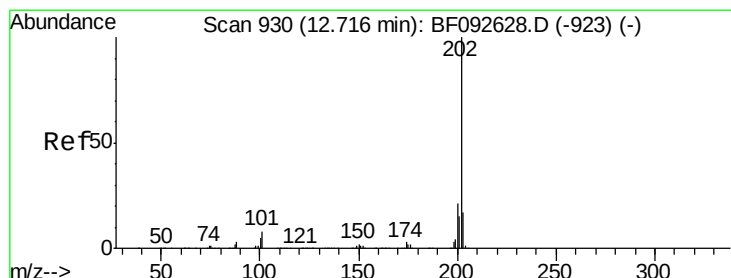
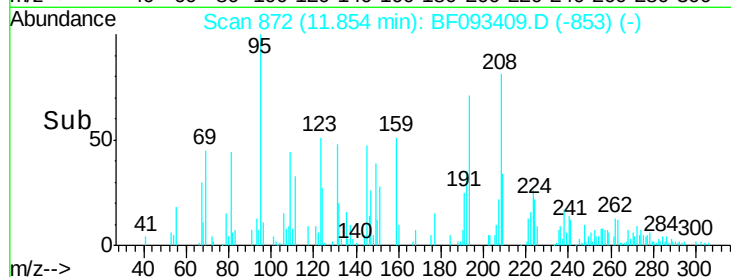
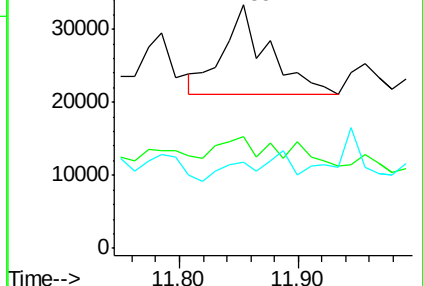
104 35.4 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.05 ng

RT: 12.53 min Scan# 931

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

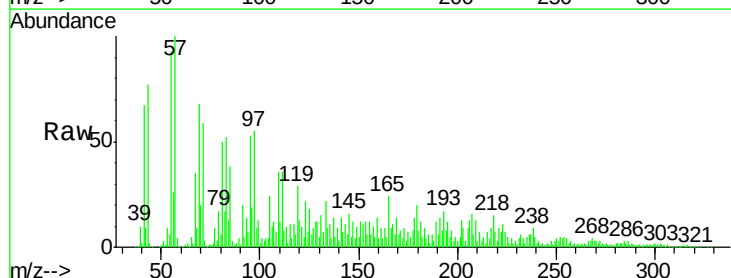
Tgt Ion:202 Resp: 28027

Ion Ratio Lower Upper

202 100

101 31.5 0.0 34.6

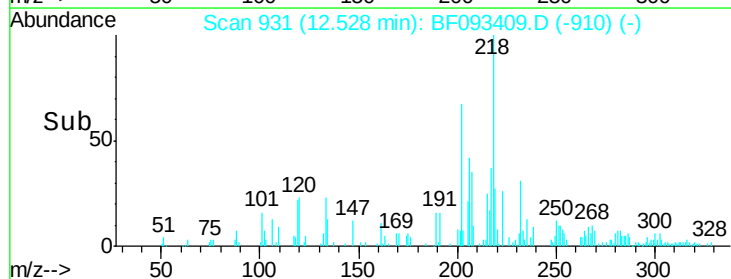
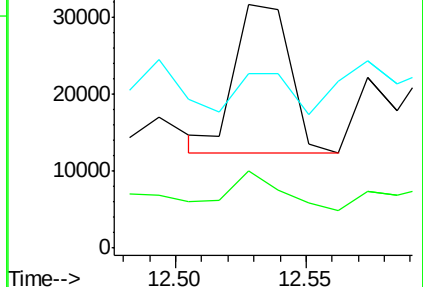
203 71.8 0.0 38.7#

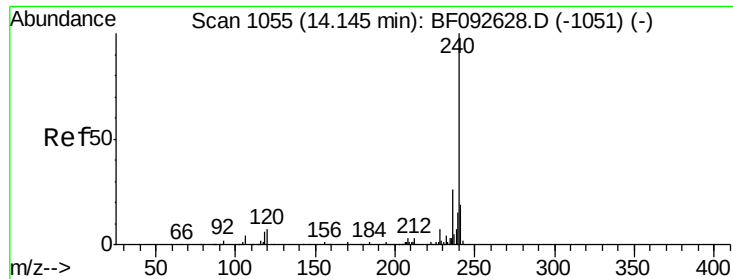


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

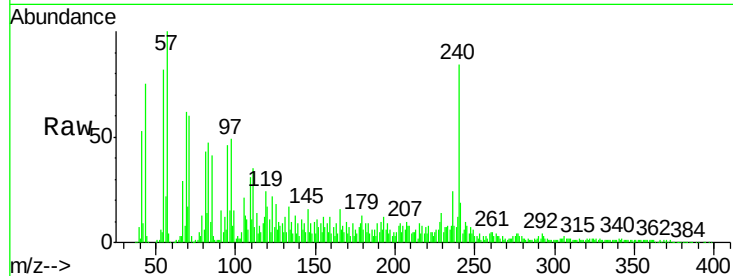
Tgt Ion:240 Resp: 207041

Ion Ratio Lower Upper

240 100

120 19.9 12.9 19.3#

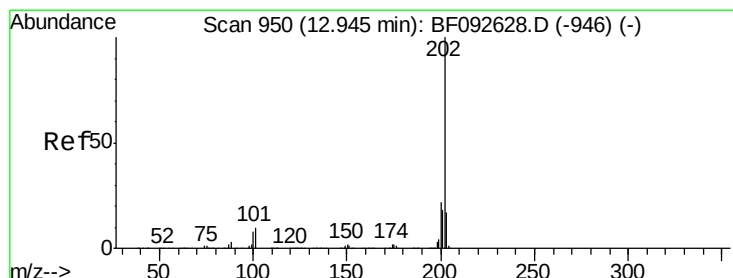
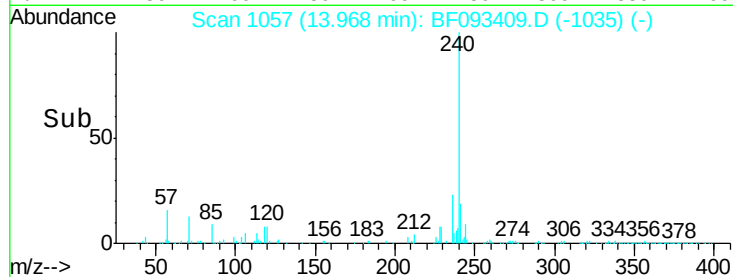
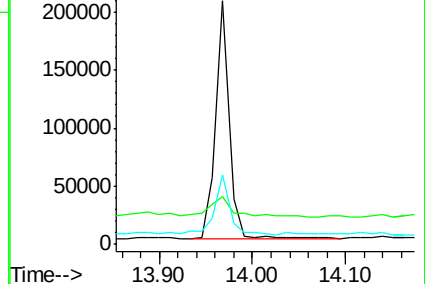
236 28.7 20.9 31.3



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: 5.91 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

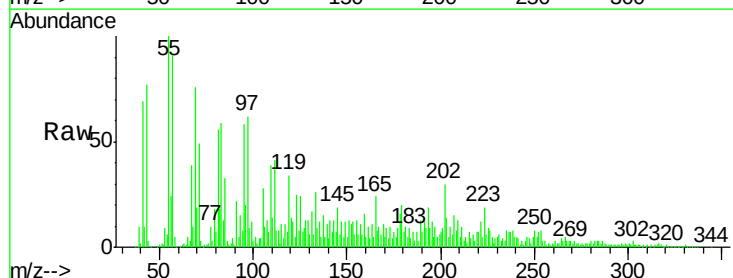
Tgt Ion:202 Resp: 91629

Ion Ratio Lower Upper

202 100

200 23.4 17.7 26.5

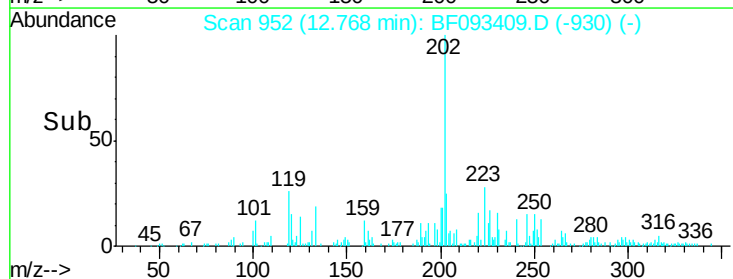
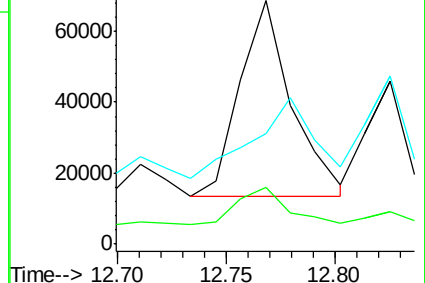
203 45.2 14.7 22.1#

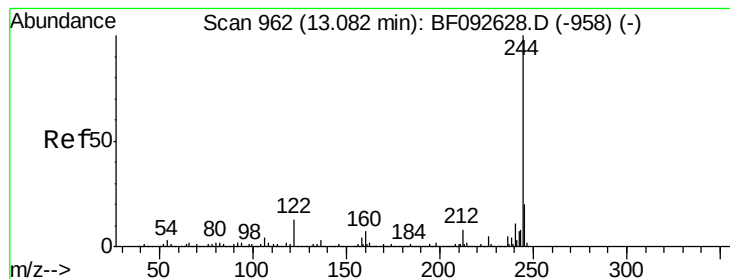


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 24.87 ng

RT: 12.91 min Scan# 964

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

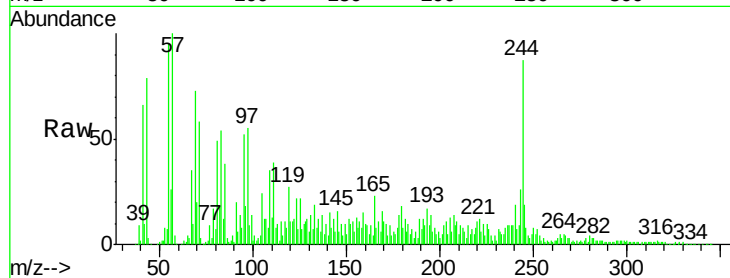
Tgt Ion:244 Resp: 219123

Ion Ratio Lower Upper

244 100

212 9.3 6.2 9.2#

122 13.4 11.4 17.2

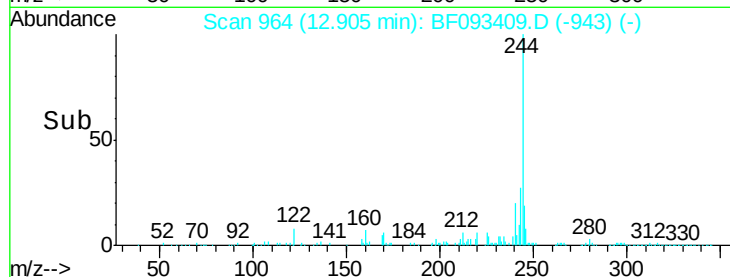


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

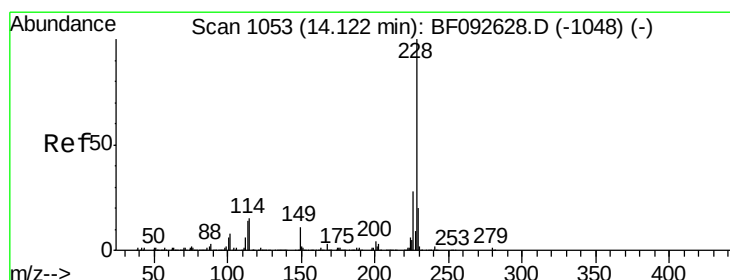
Ion 122.00 (121.70 to 122.70): E

Time-->



Abundance

Time-->



#80

Benzo(a)anthracene

Concen: 9.45 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

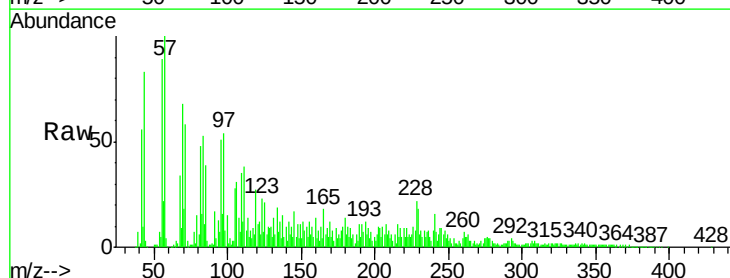
Tgt Ion:228 Resp: 119699

Ion Ratio Lower Upper

228 100

226 43.7 22.4 33.6#

229 79.2 16.2 24.4#

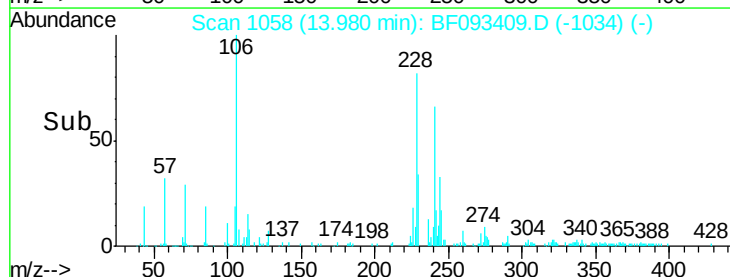


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

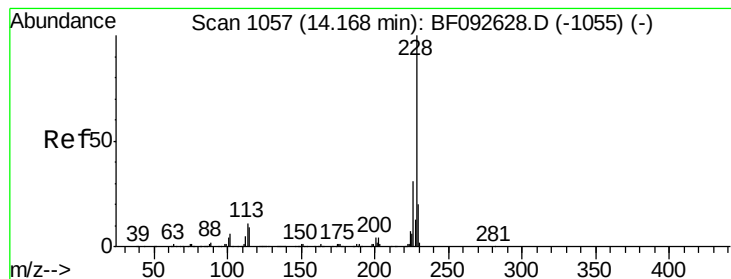
Ion 229.00 (228.70 to 229.70): E

Time-->



Abundance

Time-->



#82

Chrysene

Concen: 10.10 ng

RT: 13.98 min Scan# 1058

Delta R.T. -0.06 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

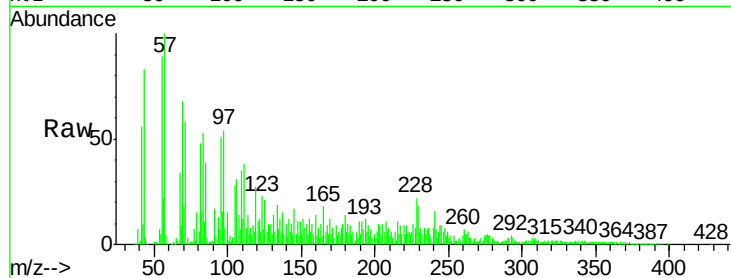
Tgt Ion:228 Resp: 119699

Ion Ratio Lower Upper

228 100

226 43.7 25.4 38.0#

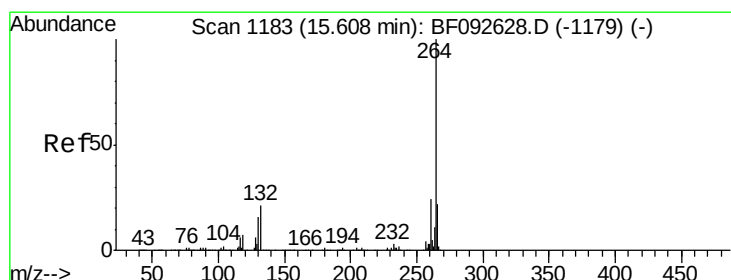
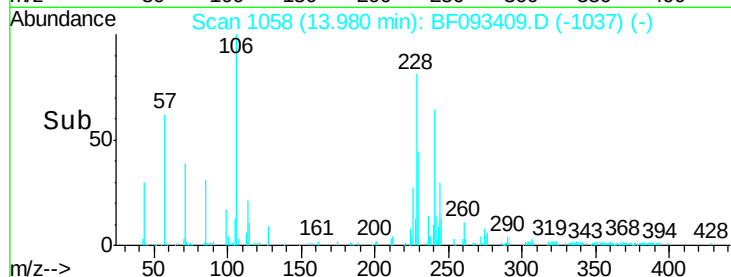
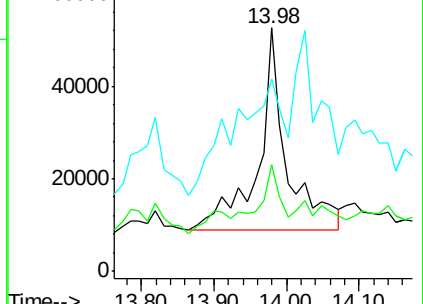
229 79.2 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1183

Delta R.T. -0.04 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

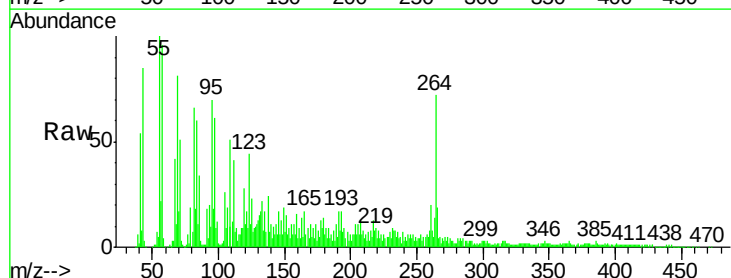
Tgt Ion:264 Resp: 187055

Ion Ratio Lower Upper

264 100

260 27.8 19.2 28.8

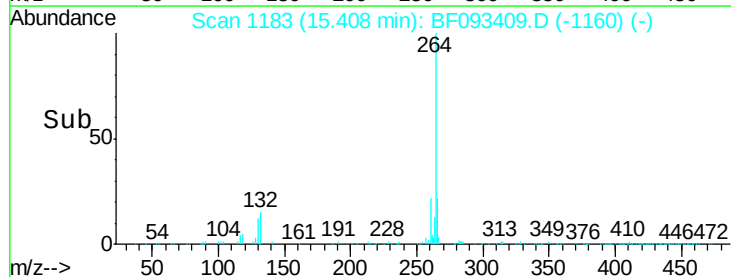
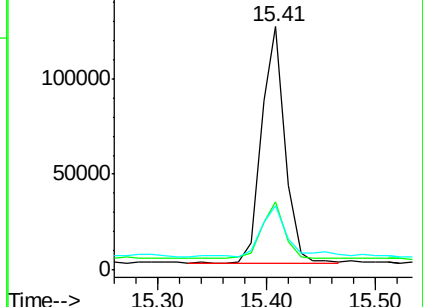
265 26.5 17.4 26.0#

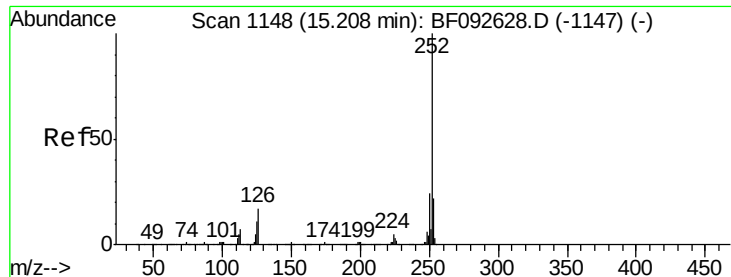


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.03 ng

RT: 15.00 min Scan# 1147

Delta R.T. -0.07 min

Lab File: BF093409.D

Acq: 6 Mar 2017 19:08

Instrument :

BNA_F

ClientSampleId :

18B-23

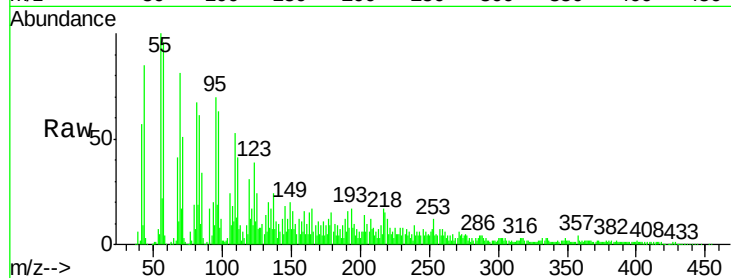
Tgt Ion: 252 Resp: 21544

Ion Ratio Lower Upper

252 100

253 157.8 18.5 27.7#

125 328.4 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

