

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092896.D
 Acq On : 10 Feb 2017 21:18
 Operator : SJ/MA
 Sample : I1772-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-FD

Quant Time: Feb 10 23:08:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152249	20.00	ng	-0.07
21) Naphthalene-d8	8.20	136	403709	20.00	ng	-0.06
38) Acenaphthene-d10	9.96	164	241931	20.00	ng	-0.05
63) Phenanthrene-d10	11.45	188	377093	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	463363	20.00	ng	-0.08
86) Perylene-d12	15.51	264	371616	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	317854	35.82	ng	-0.07
7) Phenol-d6	6.53	99	278491	24.39	ng	-0.07
23) Nitrobenzene-d5	7.48	82	689083	95.05	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	156319	89.34	ng	-0.05
44) 2-Fluorobiphenyl	9.28	172	1363818	102.13	ng	-0.06
78) Terphenyl-d14	13.03	244	1272826	64.54	ng	-0.06

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.28	42	62463	10.91	ng	# 1
9) Benzaldehyde	6.45	77	28845	3.53	ng	# 1
10) Phenol	6.54	94	29065	2.18	ng	# 84
15) Benzyl Alcohol	7.06	79	39012	4.62	ng	# 46
18) Hexachloroethane	7.49	117	2574087	649.71	ng	# 20
19) n-Nitroso-di-n-propylamine	7.34	70	76162	10.48	ng	# 64
22) Acetophenone	7.31	105	500254	54.27	ng	# 44
24) Nitrobenzene	7.46	77	449448	60.38	ng	# 22
25) Isophorone	7.72	82	168084	12.44	ng	# 1
26) 2-Nitrophenol	7.82	139	15038	4.25	ng	# 1
27) 2,4-Dimethylphenol	7.85	122	13894	2.24	ng	# 1
28) bis(2-Chloroethoxy)methane	7.95	93	50927	5.69	ng	# 1
29) 2,4-Dichlorophenol	8.04	162	29393	5.07	ng	# 11
31) Naphthalene	8.19	128	404253	19.75	ng	# 1
32) Benzoic acid	8.00	122	16666	11.19	ng	# 1
33) 4-Chloroaniline	8.19	127	145792	18.16	ng	# 1
35) Caprolactam	8.64	113	201735	110.65	ng	# 1
36) 4-Chloro-3-methylphenol	8.76	107	31075	5.14	ng	# 45
37) 2-Methylnaphthalene	8.92	142	636226	48.42	ng	# 99
48) Acenaphthylene	9.82	152	55420	2.34	ng	# 1
49) Dimethylphthalate	9.68	163	44646	2.74	ng	# 6
50) 2,6-Dinitrotoluene	9.73	165	23944	6.80	ng	# 60
51) Acenaphthene	10.00	154	204996	14.48	ng	# 76
52) 3-Nitroaniline	9.92	138	22328	5.54	ng	# 47
53) 2,4-Dinitrophenol	9.95	184	5336	7.54	ng	# 1
54) Dibenzofuran	10.17	168	173286	9.15	ng	# 42
55) 4-Nitrophenol	10.08	139	84012	28.96	ng	# 41
56) 2,4-Dinitrotoluene	10.17	165	31858	6.80	ng	# 55
57) Fluorene	10.51	166	400817	27.52	ng	# 87
60) 4-Chlorophenyl-phenylether	10.44	204	16541	2.36	ng	# 1
61) 4-Nitroaniline	10.42	138	16923	4.10	ng	# 91
62) Azobenzene	10.66	77	69771	4.40	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.58	198	4653	4.58	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	427558	35.49	ng	# 54

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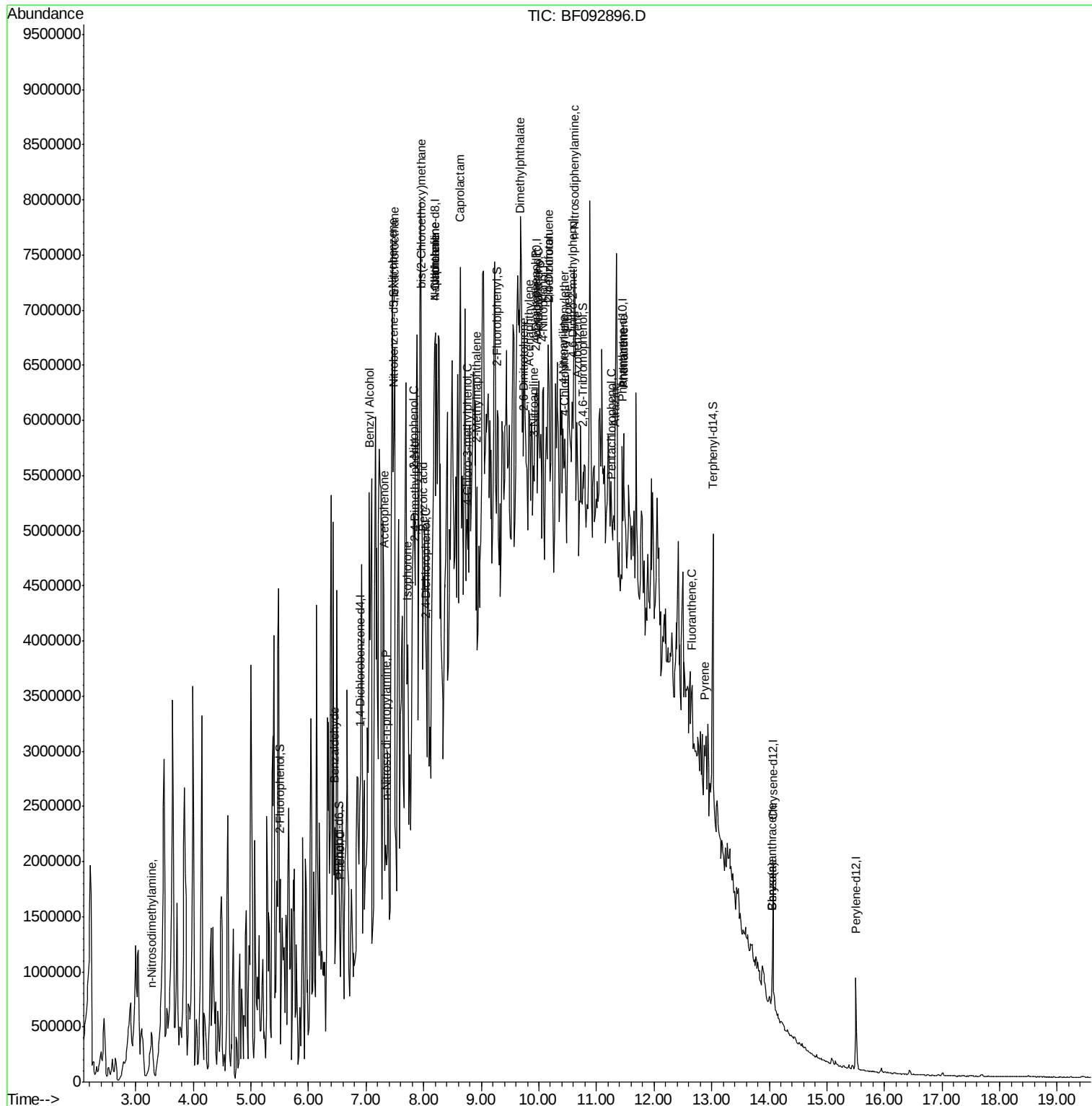
Quant Time: Feb 10 23:08:55 2017
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QLast Update : Mon Jan 30 14:50:05 2017
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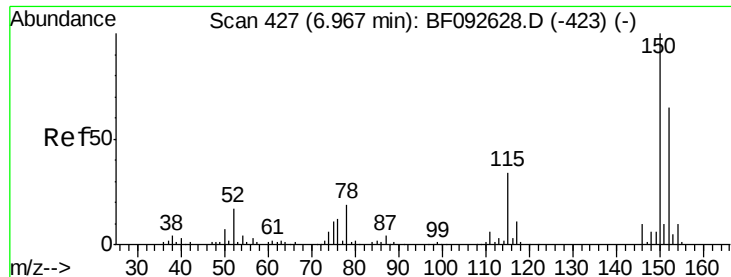
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Atrazine	11.32	200	32044	8.29	ng	77
69) Pentachlorophenol	11.26	266	1542	7.90	ng	# 1
70) Phenanthrene	11.47	178	889923	41.19	ng	# 95
71) Anthracene	11.47	178	889923	41.02	ng	96
74) Fluoranthene	12.65	202	252782	11.34	ng	90
77) Pyrene	12.88	202	372713	10.75	ng	96
80) Benzo(a)anthracene	14.05	228	65122	2.30	ng	# 89
82) Chrysene	14.05	228	65122	2.45	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

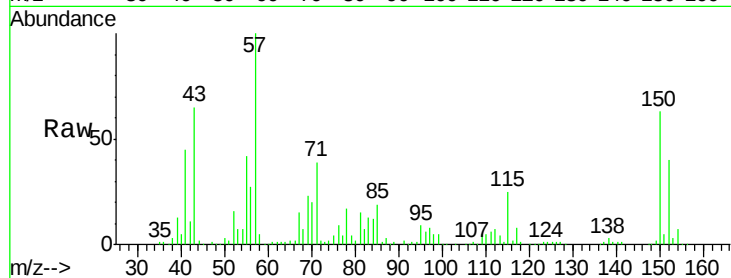
Tgt Ion:152 Resp: 152249

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

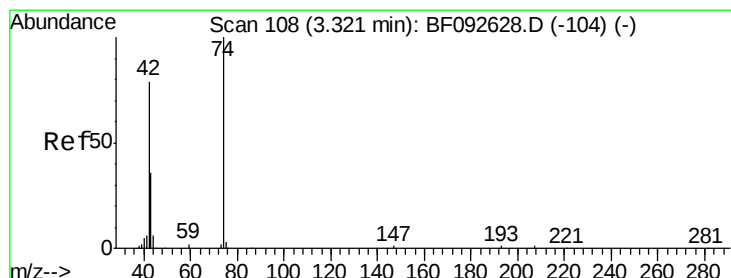
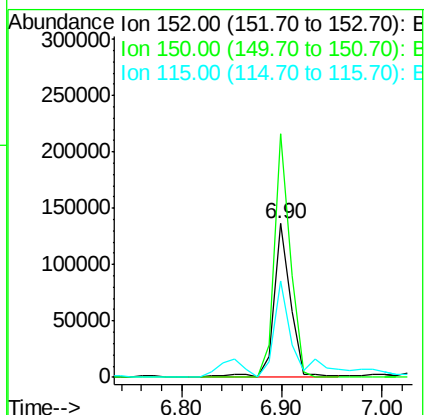
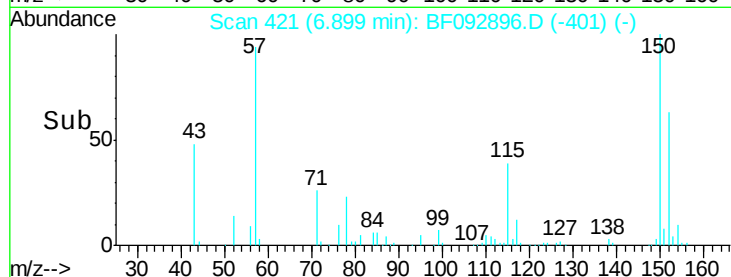
115 63.0 46.0 69.0



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



#4

n-Nitrosodimethylamine

Concen: 10.91 ng

RT: 3.28 min Scan# 104

Delta R.T. -0.05 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

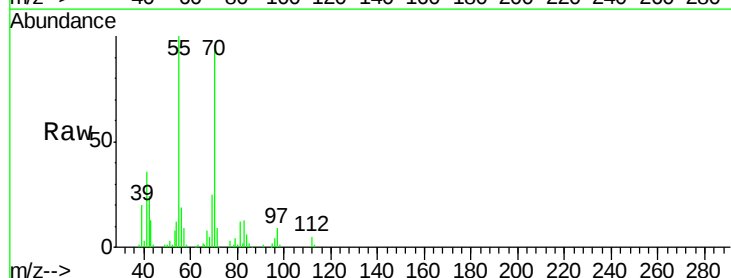
Tgt Ion: 42 Resp: 62463

Ion Ratio Lower Upper

42 100

74 0.0 117.0 175.4#

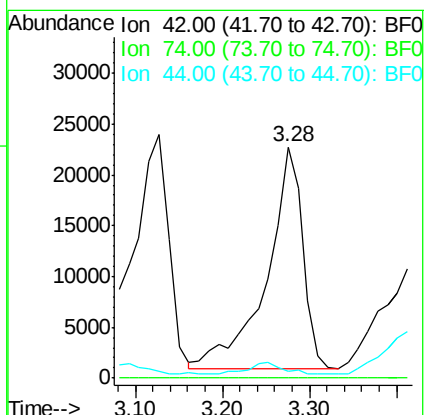
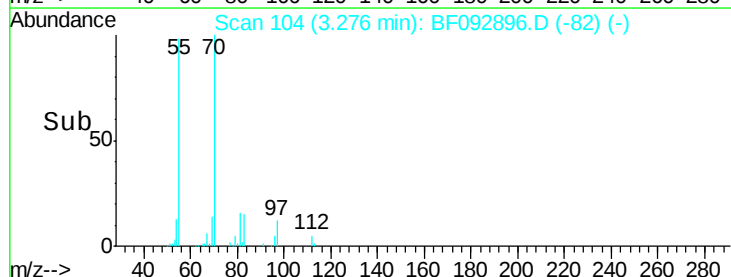
44 3.2 5.5 8.3#

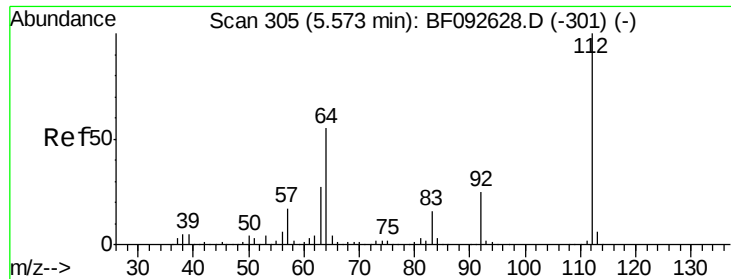


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 35.82 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

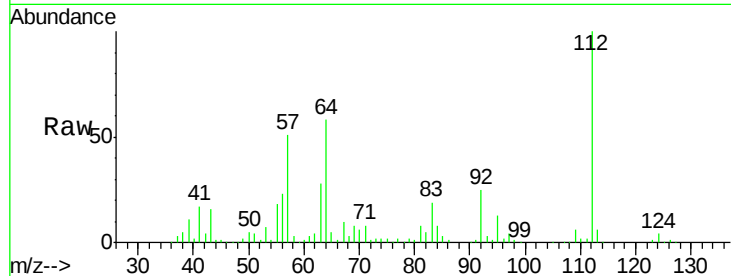
Tgt Ion: 112 Resp: 317854

Ion Ratio Lower Upper

112 100

64 57.6 46.1 69.1

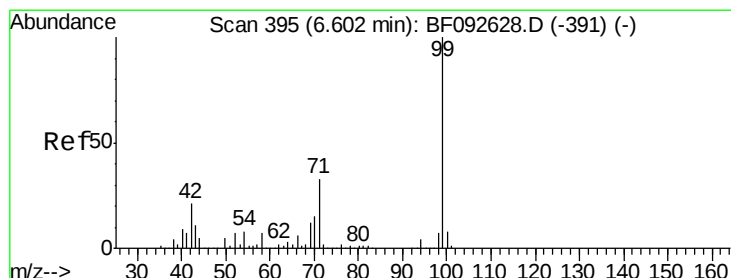
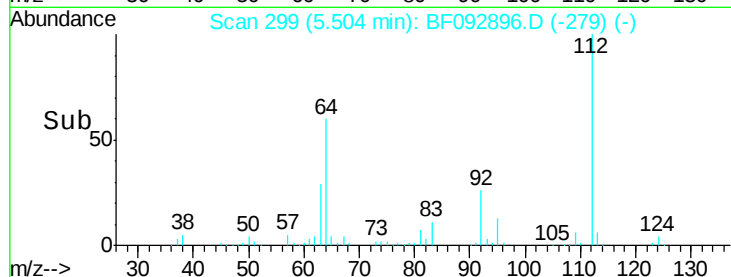
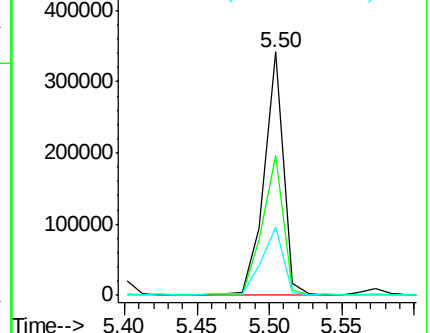
63 28.3 23.8 35.6



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: 24.39 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

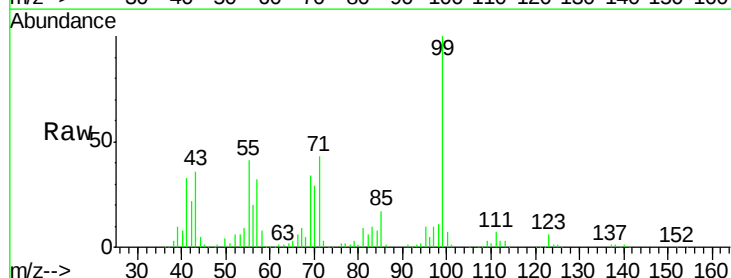
Tgt Ion: 99 Resp: 278491

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

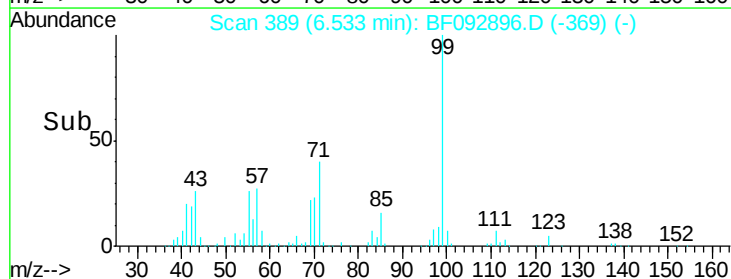
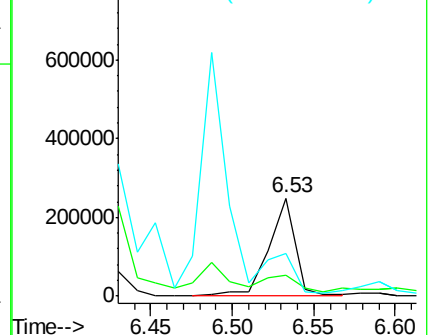
71 43.5 27.5 41.3#

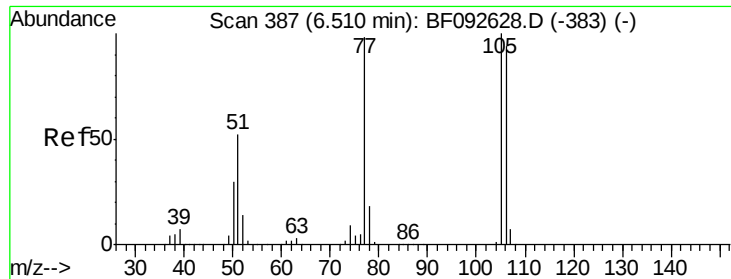


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.53 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampled :

MW-6-FD

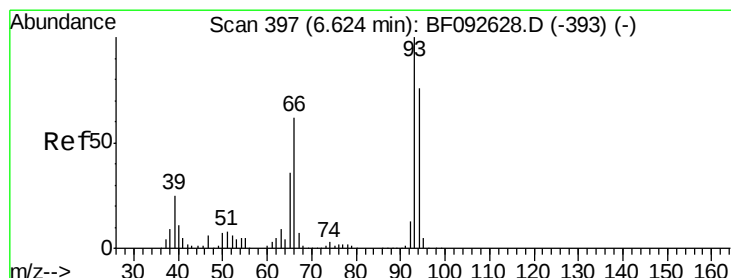
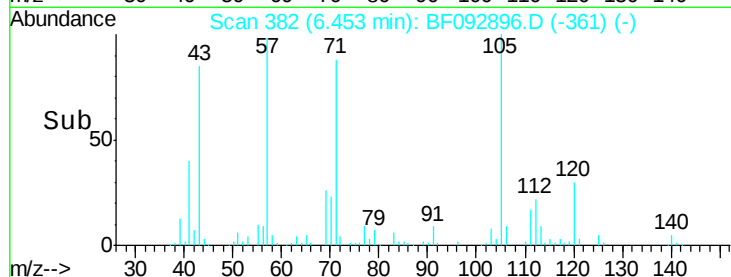
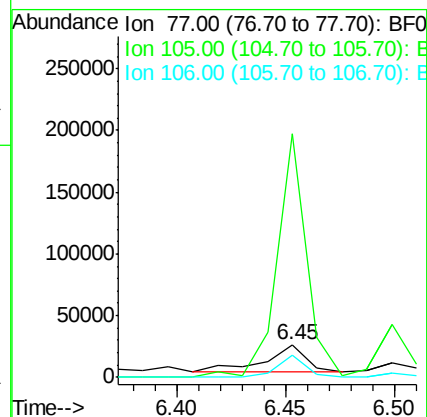
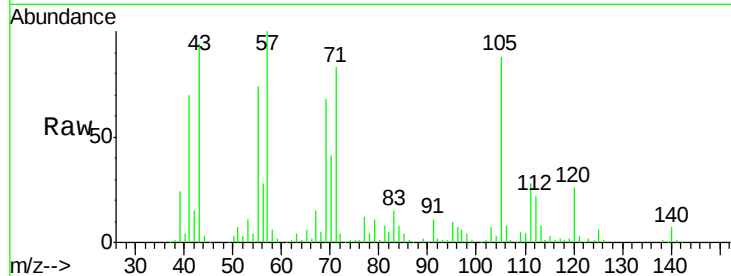
Tgt Ion: 77 Resp: 28845

Ion Ratio Lower Upper

77 100

105 746.9 83.9 123.9#

106 68.6 77.6 117.6#



#10

Phenol

Concen: 2.18 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

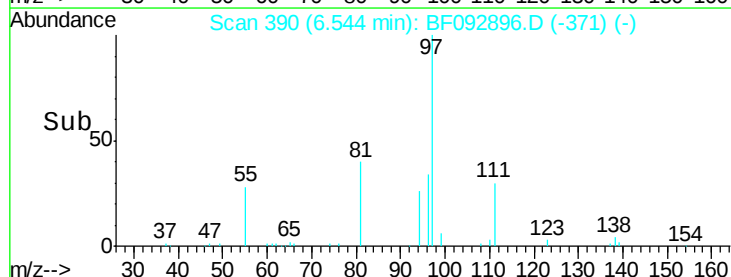
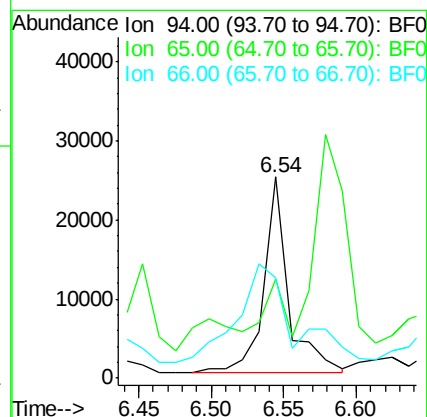
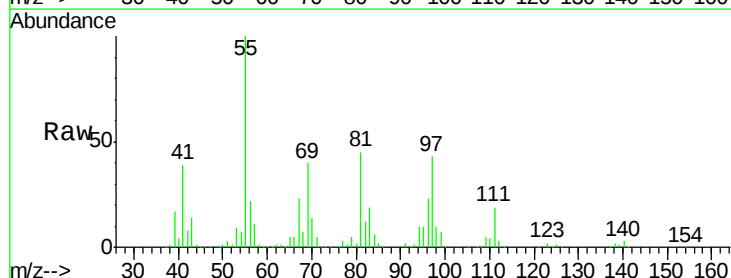
Tgt Ion: 94 Resp: 29065

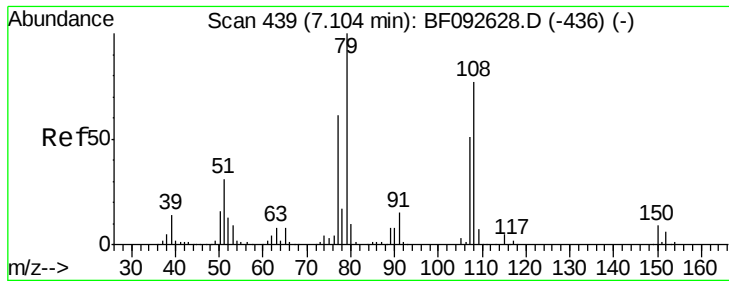
Ion Ratio Lower Upper

94 100

65 49.2 21.4 61.4

66 49.8 44.0 84.0





#15

Benzyl Alcohol

Concen: 4.62 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

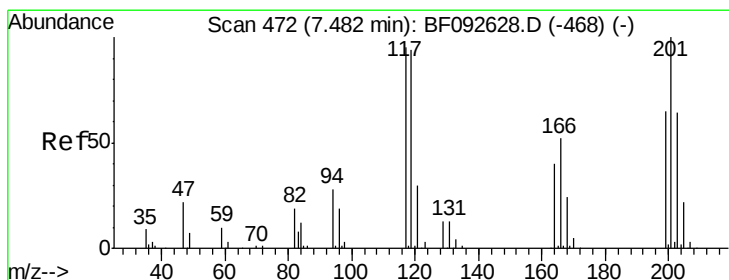
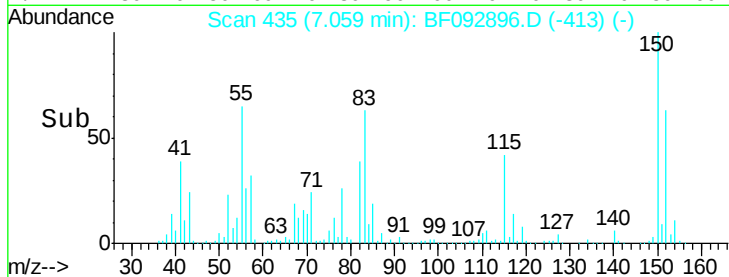
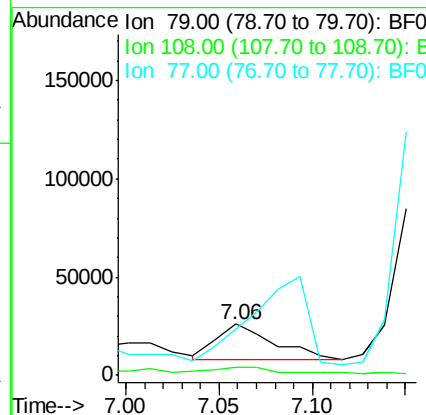
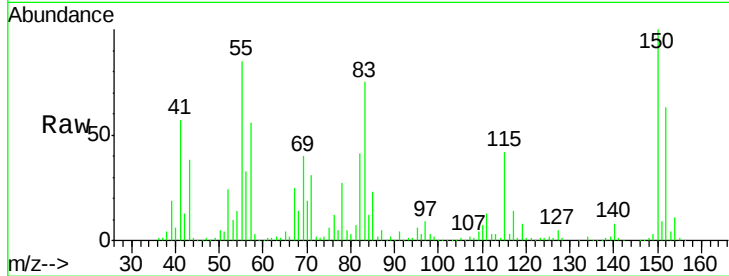
Tgt Ion: 79 Resp: 39012

Ion Ratio Lower Upper

79 100

108 15.9 61.4 92.0#

77 90.1 50.9 76.3#



#18

Hexachloroethane

Concen: 649.71 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

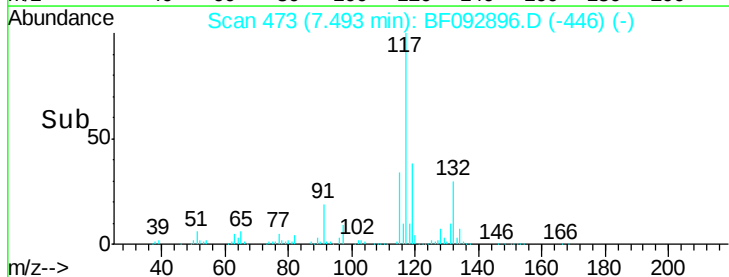
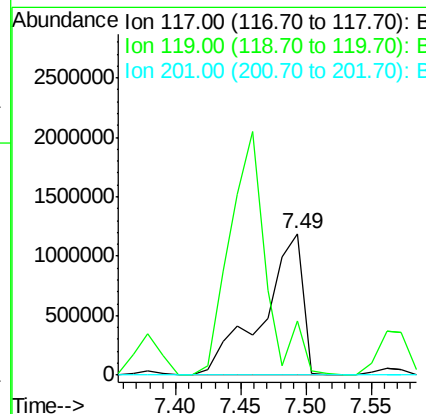
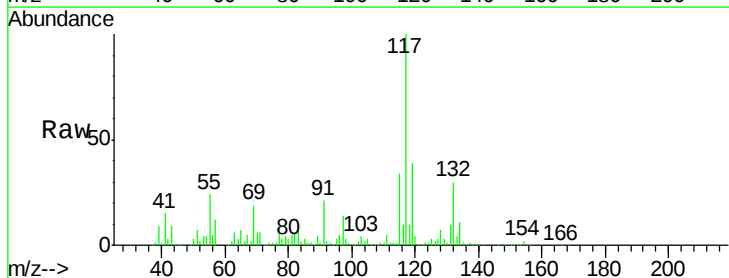
Tgt Ion: 117 Resp: 2574087

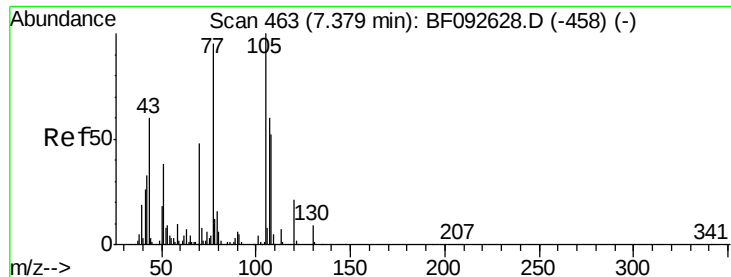
Ion Ratio Lower Upper

117 100

119 38.6 78.1 117.1#

201 0.0 78.6 117.8#

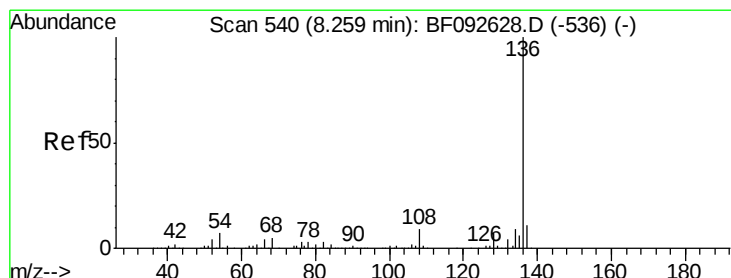
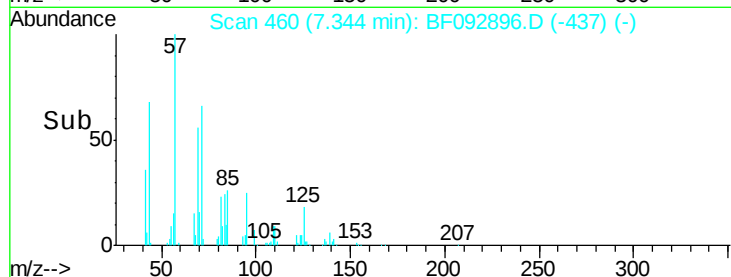
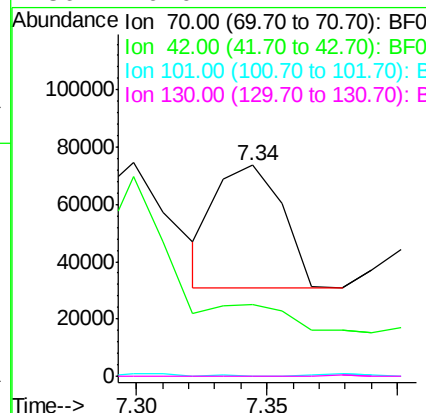
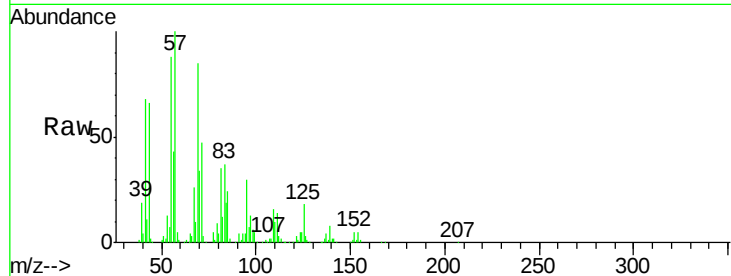




#19
n-Nitroso-di-n-propylamine
Concen: 10.48 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

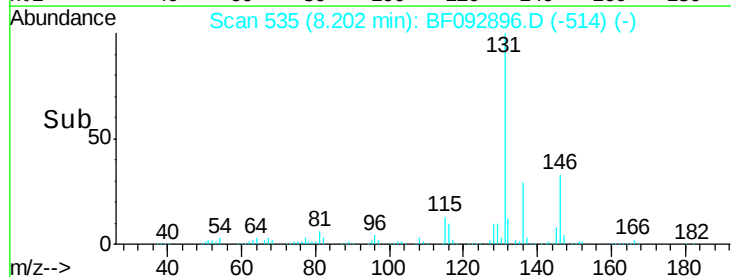
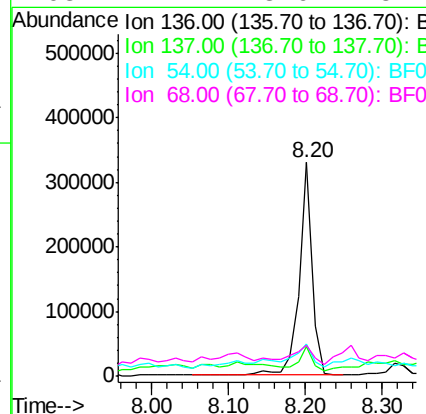
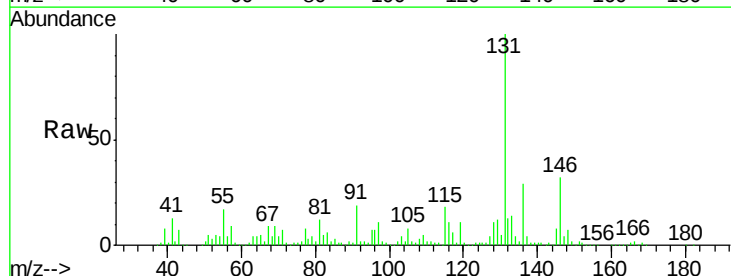
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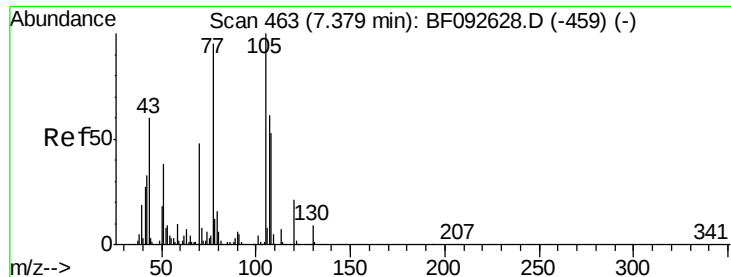
Tgt Ion: 70 Resp: 76162
Ion Ratio Lower Upper
70 100
42 33.8 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

Tgt Ion: 136 Resp: 403709
Ion Ratio Lower Upper
136 100
137 13.9 8.4 12.6#
54 15.2 4.5 6.7#
68 14.2 3.6 5.4#





#22

Acetophenone

Concen: 54.27 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.07 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

Tgt Ion: 105 Resp: 500254

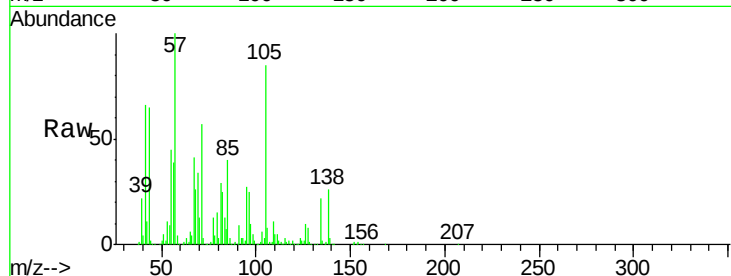
Ion Ratio Lower Upper

105 100

71 67.6 3.2 4.8#

51 6.3 26.2 39.4#

120 0.4 16.6 24.8#



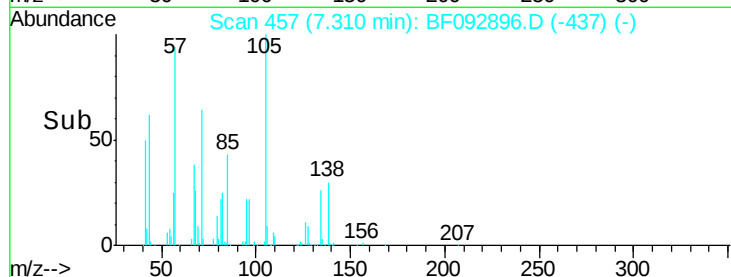
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

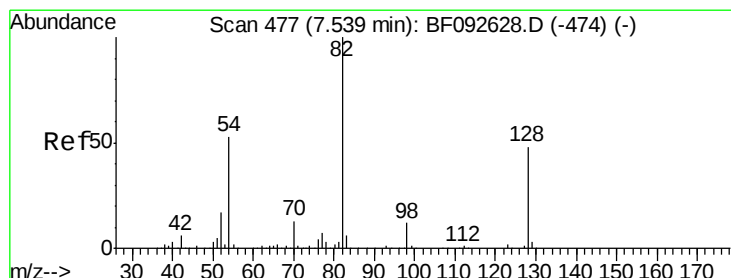
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 95.05 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

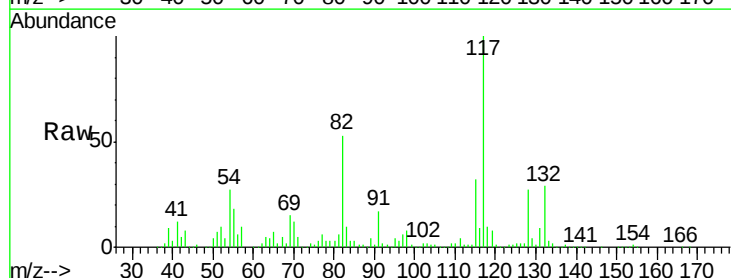
Tgt Ion: 82 Resp: 689083

Ion Ratio Lower Upper

82 100

128 50.7 34.6 52.0

54 52.2 39.5 59.3

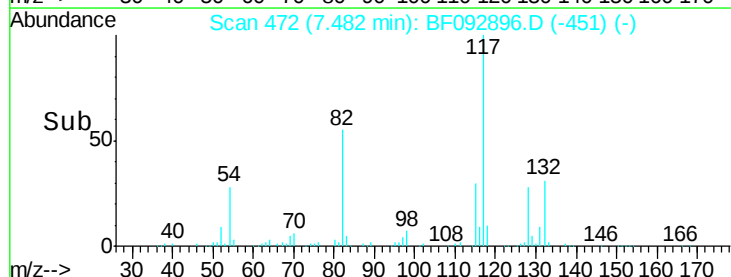


Abundance Ion 82.00 (81.70 to 82.70): BF0

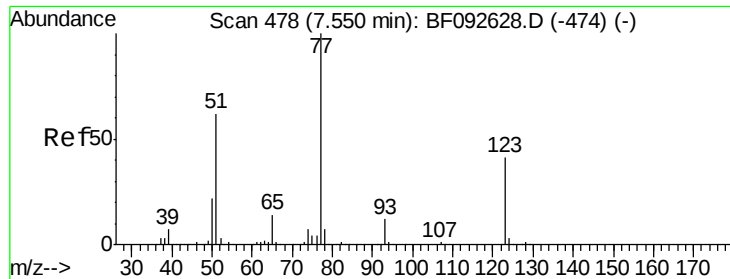
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



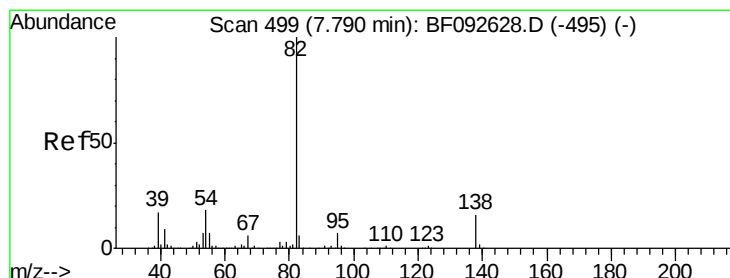
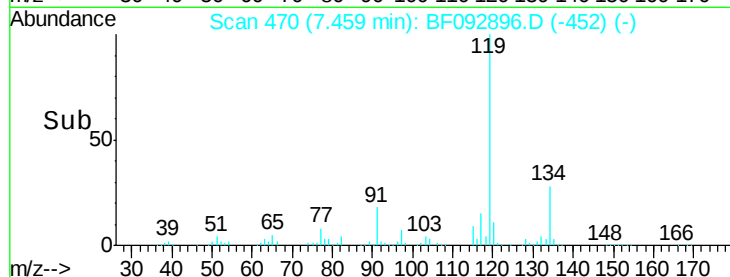
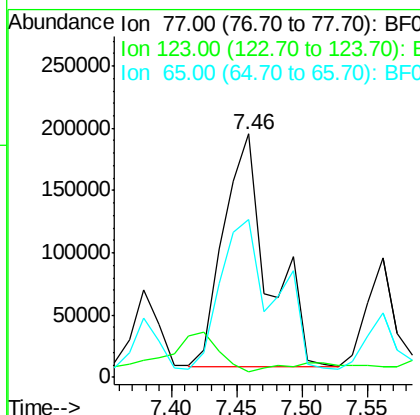
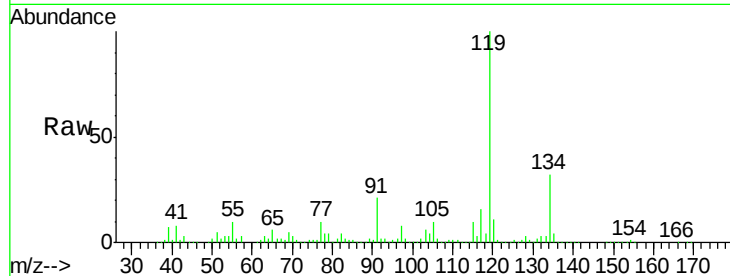
Time-->



#24
 Nitrobenzene
 Concen: 60.38 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.09 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

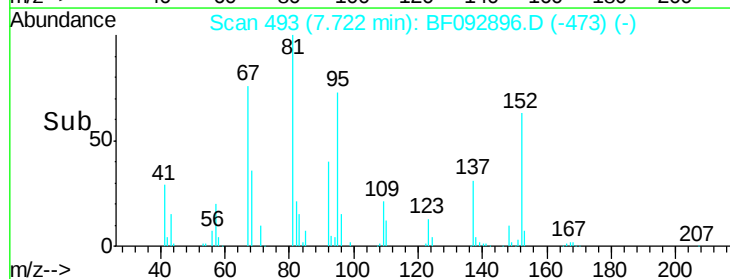
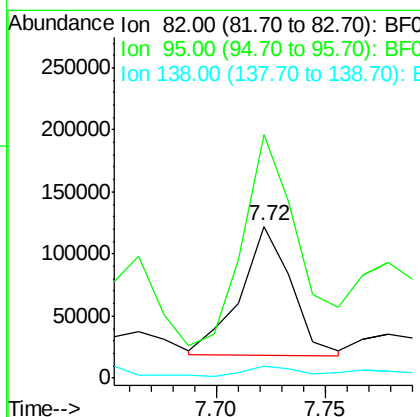
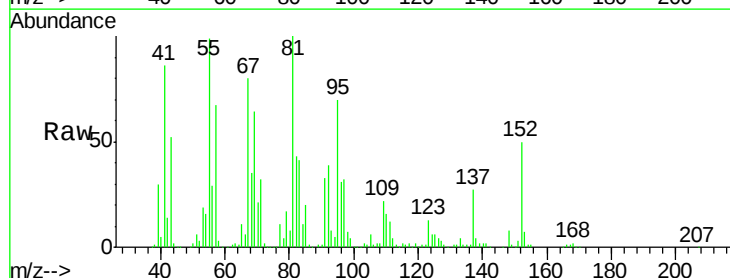
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-FD

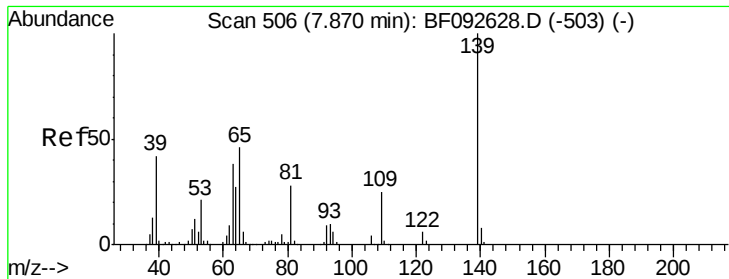
Tgt Ion: 77 Resp: 449448
 Ion Ratio Lower Upper
 77 100
 123 2.3 33.0 49.4#
 65 64.6 11.2 16.8#



#25
 Isophorone
 Concen: 12.44 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.07 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

Tgt Ion: 82 Resp: 168084
 Ion Ratio Lower Upper
 82 100
 95 160.6 5.6 8.4#
 138 8.1 14.6 22.0#

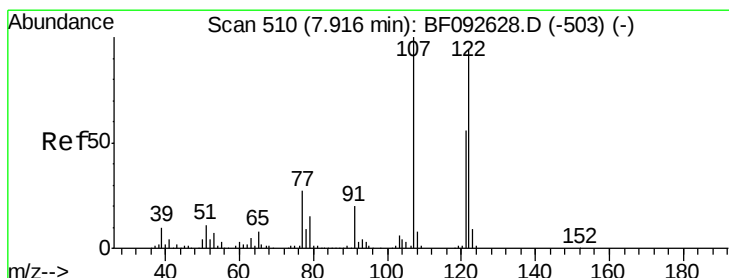
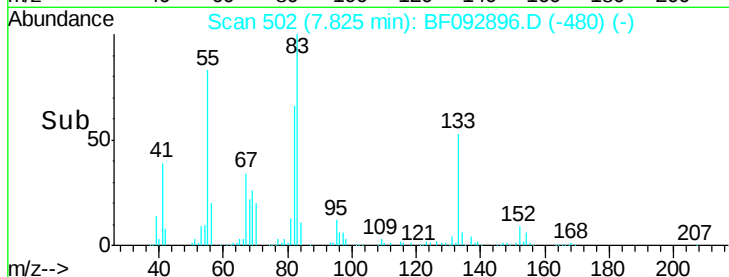
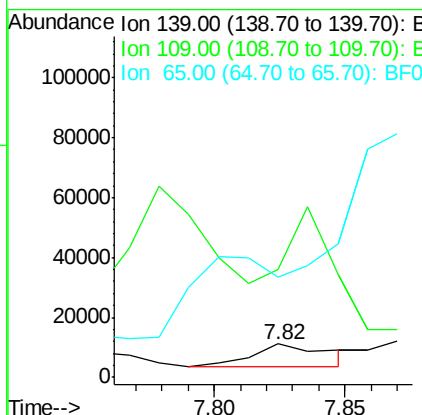
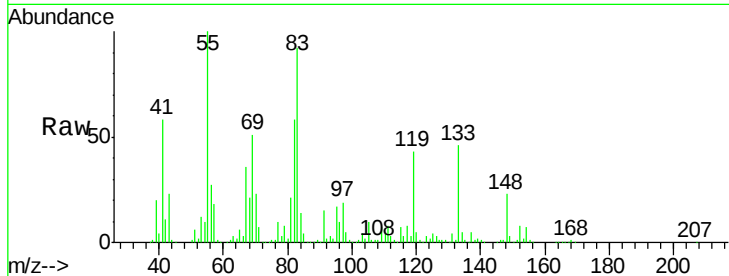




#26
2-Nitrophenol
Concen: 4.25 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

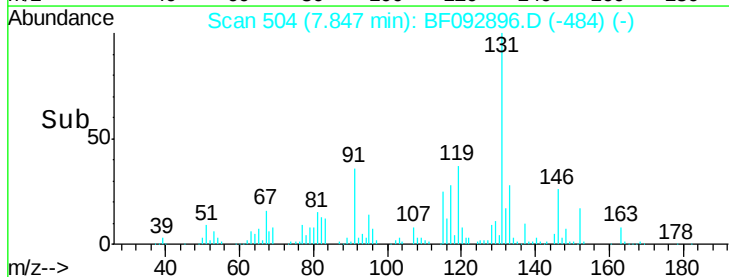
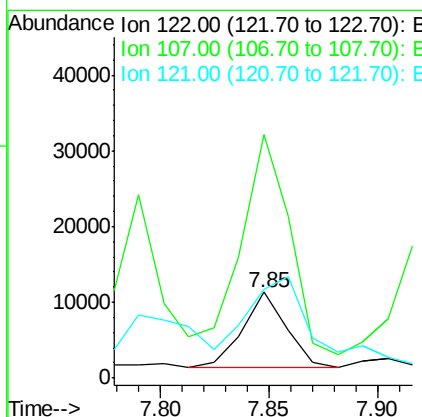
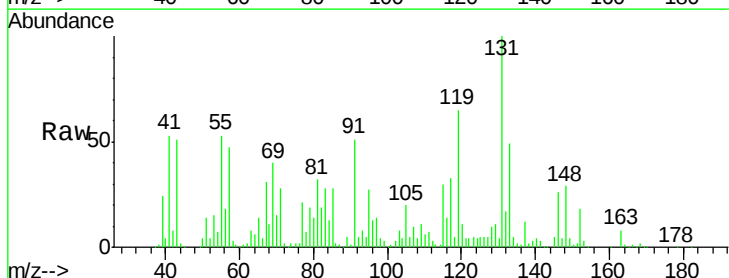
Instrument :
BNA_F
ClientSampleId :
MW-6-FD

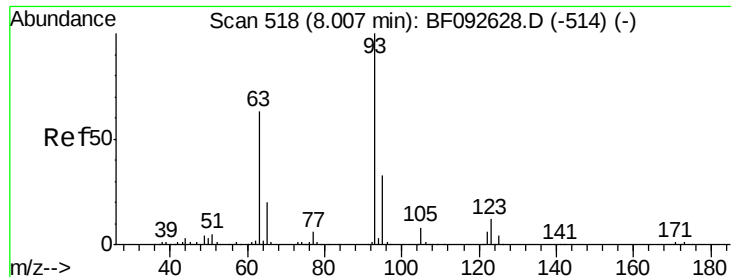
Tgt Ion:139 Resp: 15038
Ion Ratio Lower Upper
139 100
109 323.9 23.3 34.9#
65 300.1 42.7 64.1#



#27
2,4-Dimethylphenol
Concen: 2.24 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.07 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

Tgt Ion:122 Resp: 13894
Ion Ratio Lower Upper
122 100
107 283.5 94.1 141.1#
121 103.8 46.0 69.0#

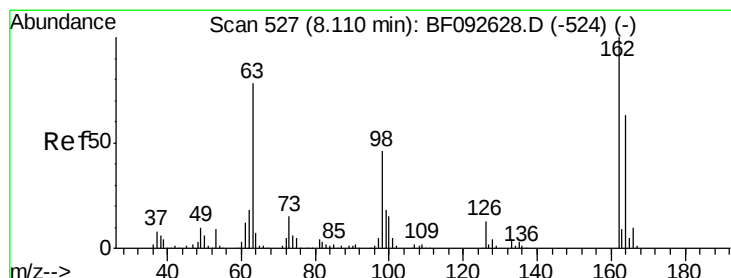
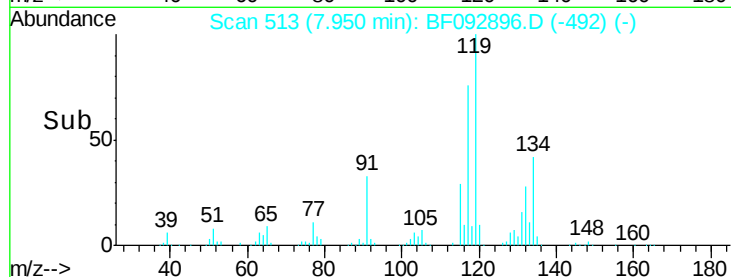
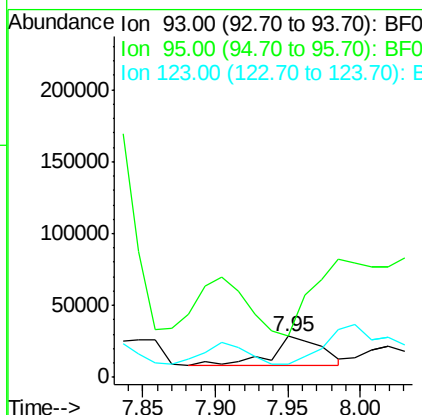
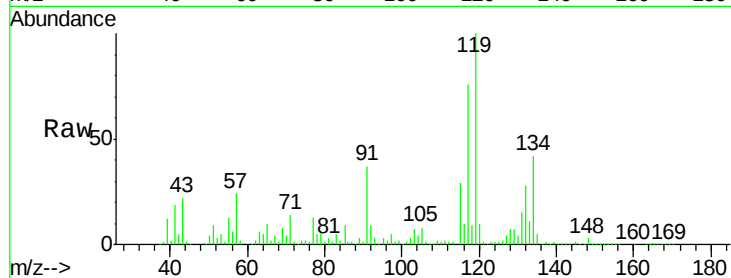




#28
bis(2-Chloroethoxy)methane
Concen: 5.69 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.06 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

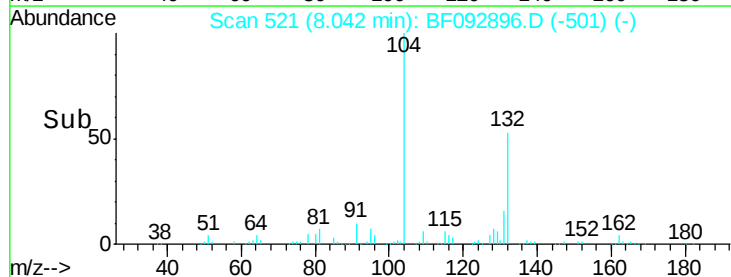
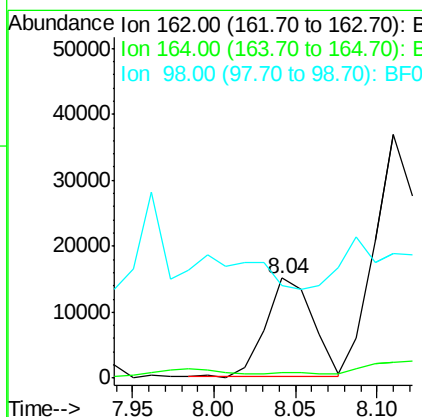
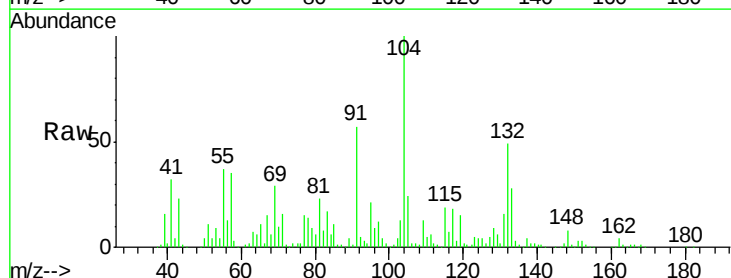
Instrument :
BNA_F
ClientSampleId :
MW-6-FD

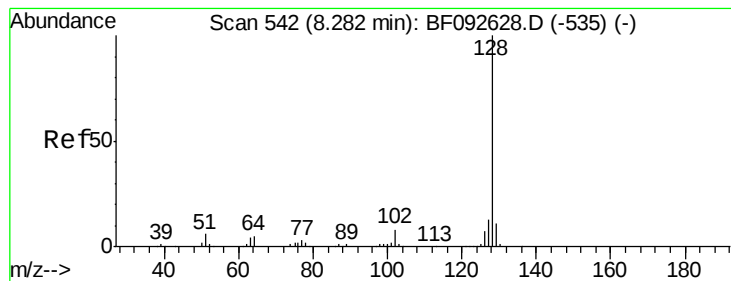
Tgt Ion: 93 Resp: 50927
Ion Ratio Lower Upper
93 100
95 101.4 26.5 39.7#
123 32.5 8.6 13.0#



#29
2,4-Dichlorophenol
Concen: 5.07 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.07 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

Tgt Ion: 162 Resp: 29393
Ion Ratio Lower Upper
162 100
164 5.7 46.8 86.8#
98 93.0 9.1 49.1#





#31

Naphthalene

Concen: 19.75 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.09 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

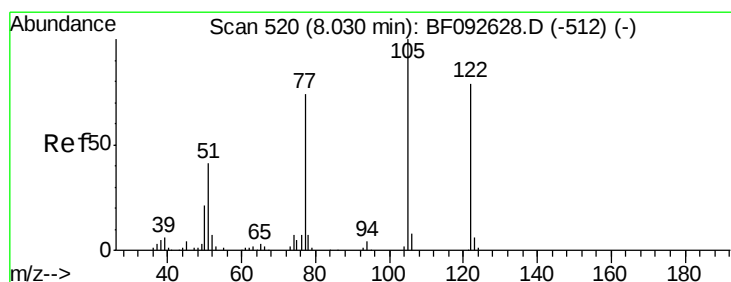
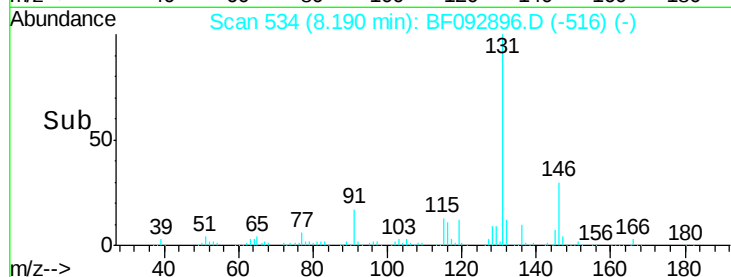
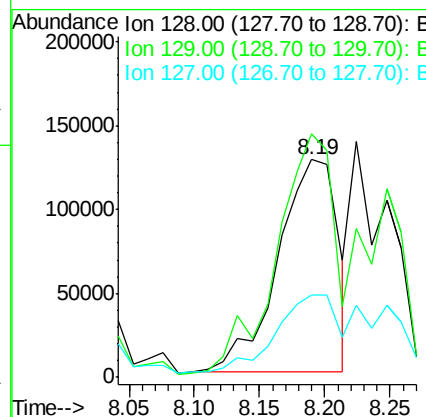
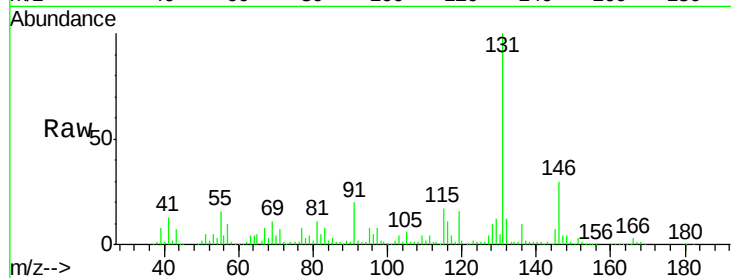
Tgt Ion:128 Resp: 404253

Ion Ratio Lower Upper

128 100

129 111.8 9.5 14.3#

127 38.0 10.8 16.2#



#32

Benzoic acid

Concen: 11.19 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

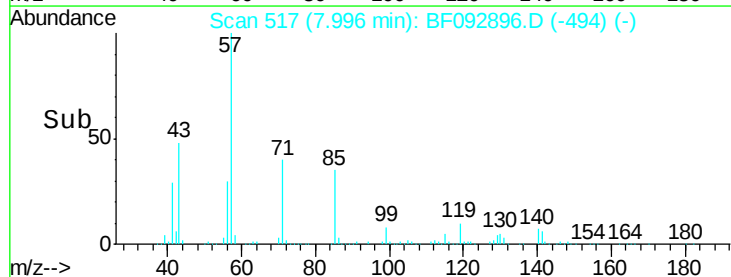
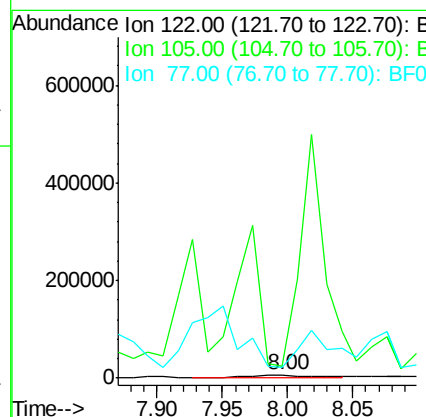
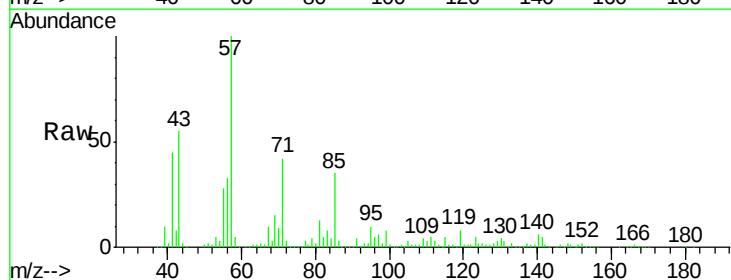
Tgt Ion:122 Resp: 16666

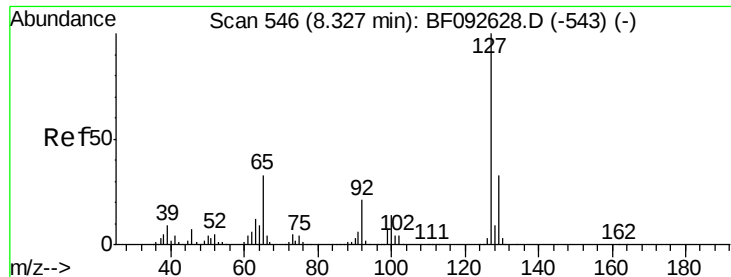
Ion Ratio Lower Upper

122 100

105 351.2 107.2 147.2#

77 342.3 74.5 114.5#

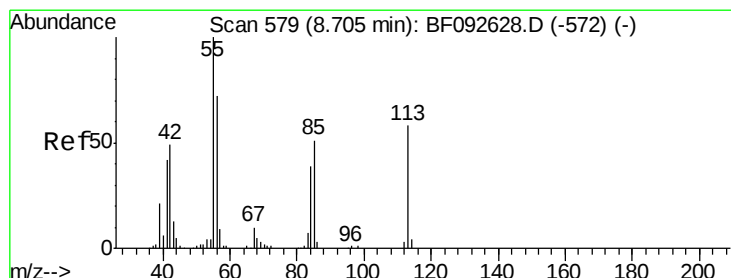
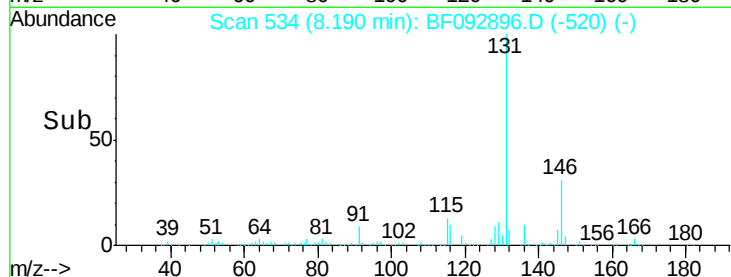
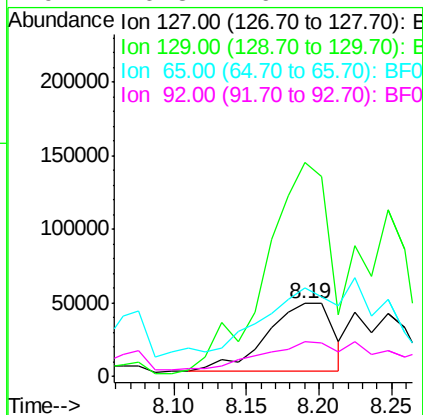
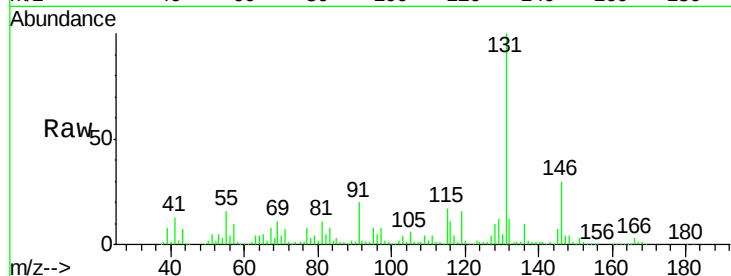




#33
4-Chloroaniline
Concen: 18.16 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.14 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

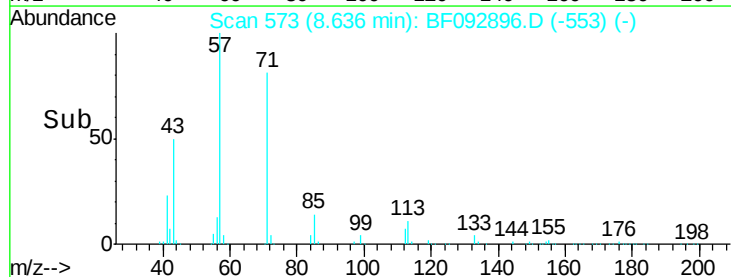
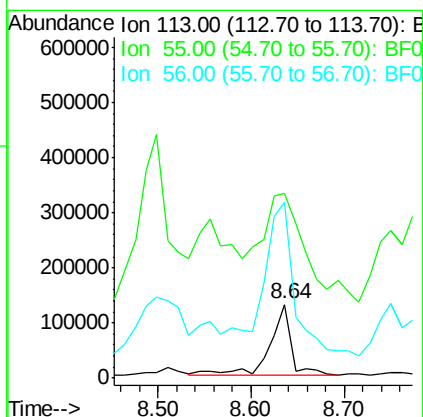
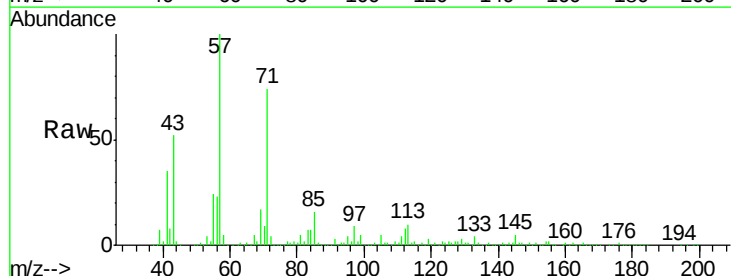
Instrument :
BNA_F
ClientSampleId :
MW-6-FD

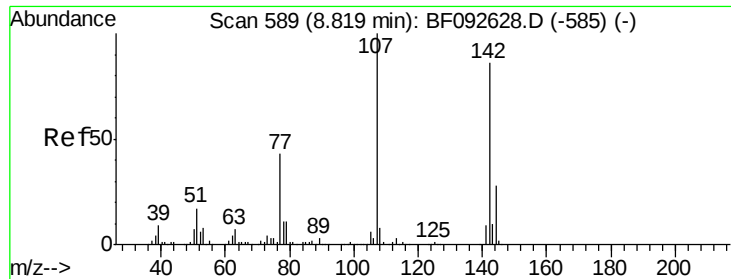
Tgt Ion:	127	Resp:	145792
Ion	Ratio	Lower	Upper
127	100		
129	293.9	26.3	39.5#
65	122.0	25.8	38.8#
92	46.8	16.1	24.1#



#35
Caprolactam
Concen: 110.65 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.07 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

Tgt Ion:	113	Resp:	201735
Ion	Ratio	Lower	Upper
113	100		
55	250.4	119.2	159.2#
56	238.0	83.8	123.8#

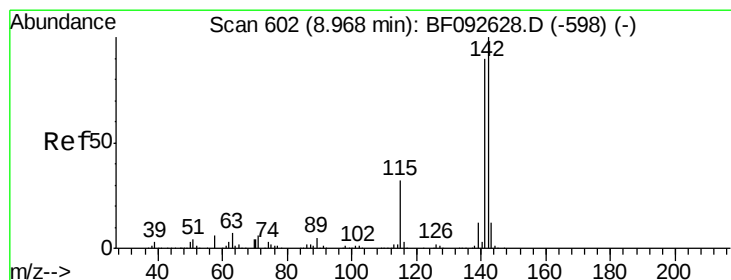
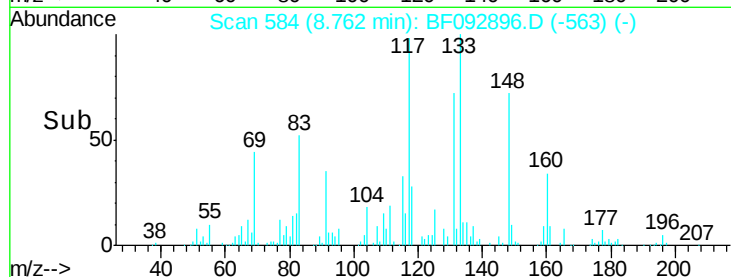
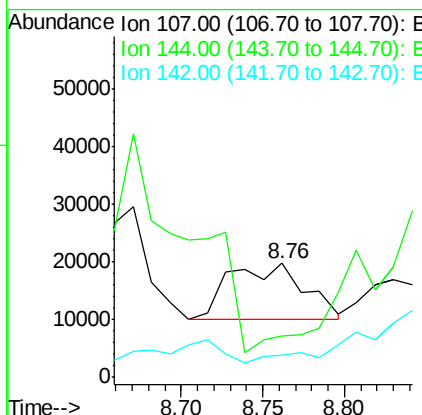
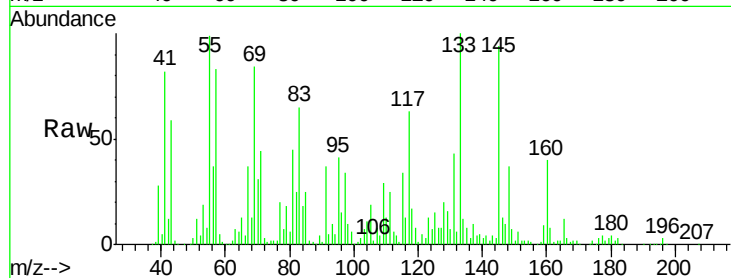




#36
 4-Chloro-3-methylphenol
 Concen: 5.14 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.06 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

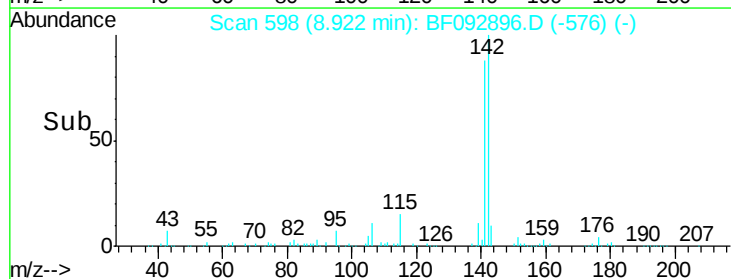
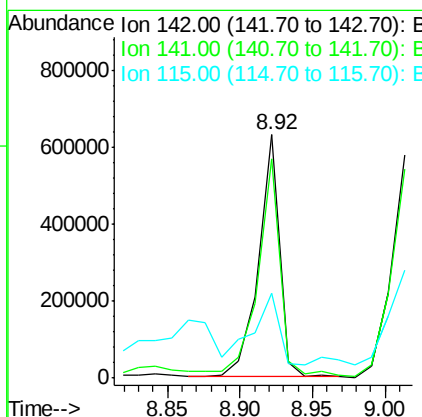
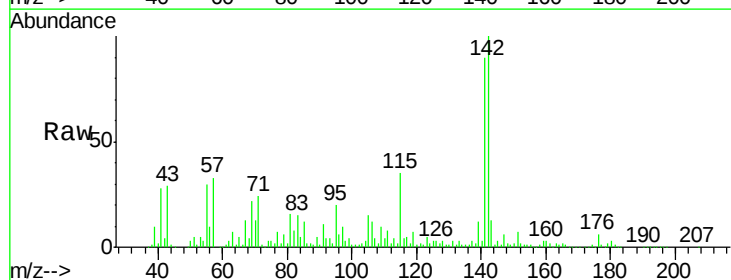
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-FD

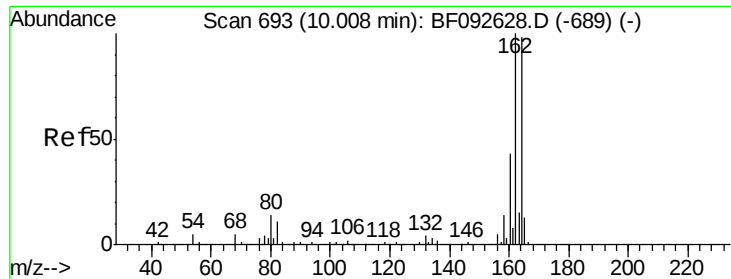
Tgt Ion:107 Resp: 31075
 Ion Ratio Lower Upper
 107 100
 144 36.4 19.3 28.9#
 142 19.3 59.0 88.6#



#37
 2-Methylnaphthalene
 Concen: 48.42 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.05 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

Tgt Ion:142 Resp: 636226
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 35.0 28.3 42.5

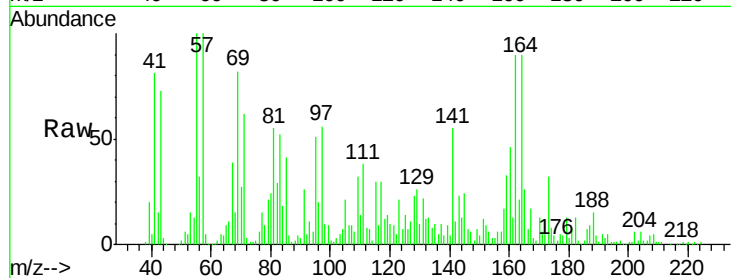




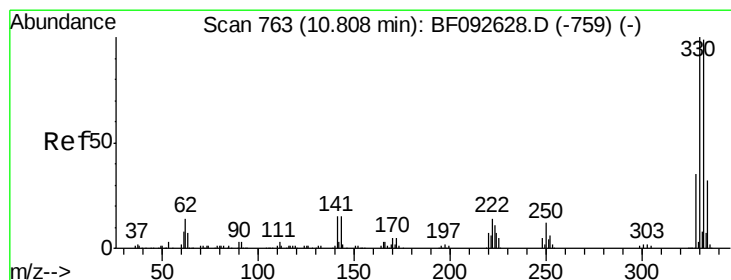
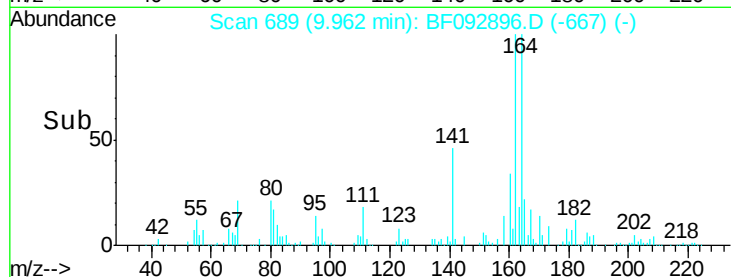
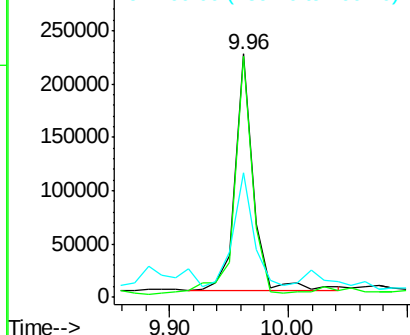
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

Instrument :
BNA_F
ClientSampleId :
MW-6-FD

Tgt Ion:164 Resp: 241931
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 51.0 36.9 55.3

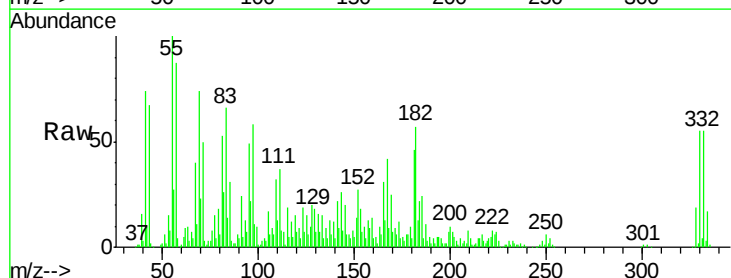


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

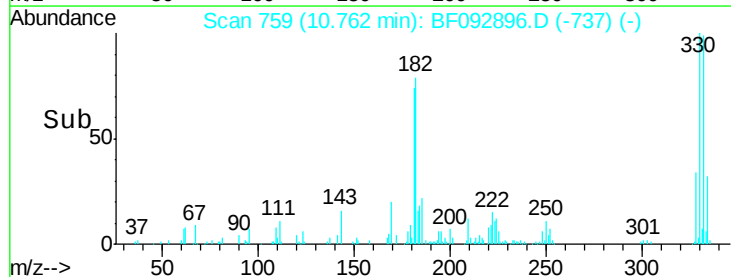
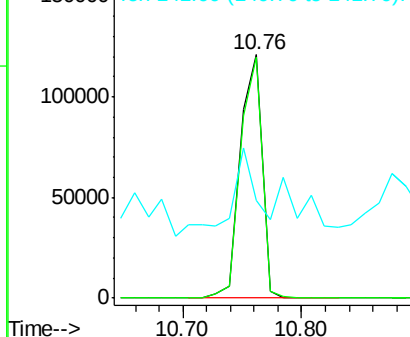


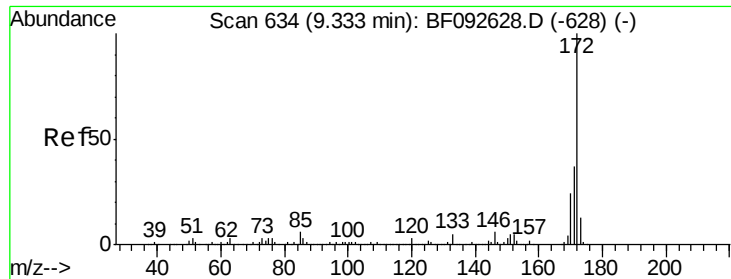
#41
2,4,6-Tribromophenol
Concen: 89.34 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

Tgt Ion:330 Resp: 156319
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.2
141 24.6 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

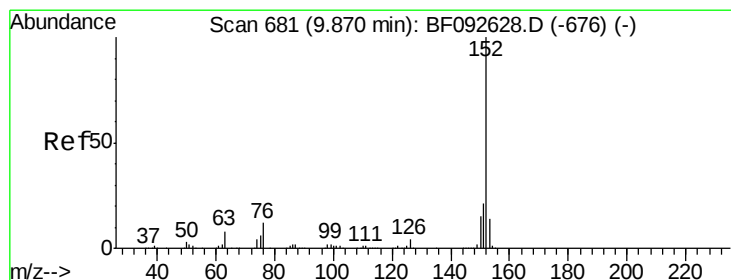
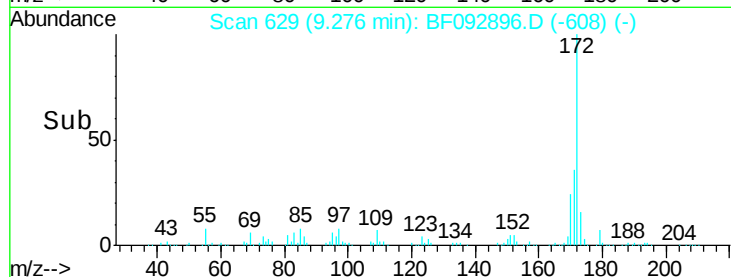
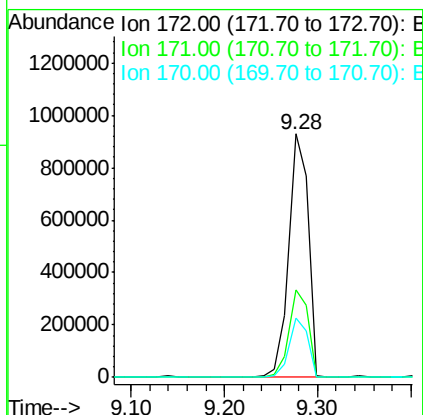
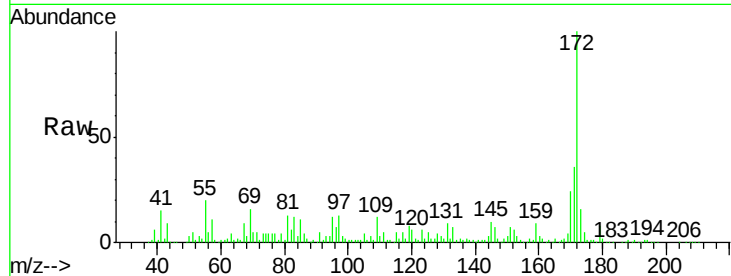




#44
2-Fluorobiphenyl
Concen: 102.13 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.06 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

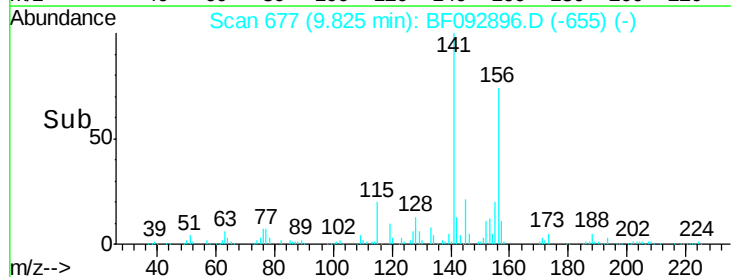
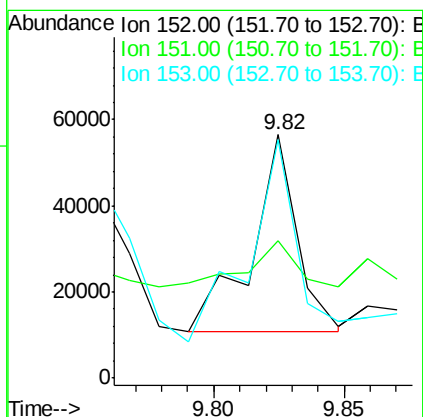
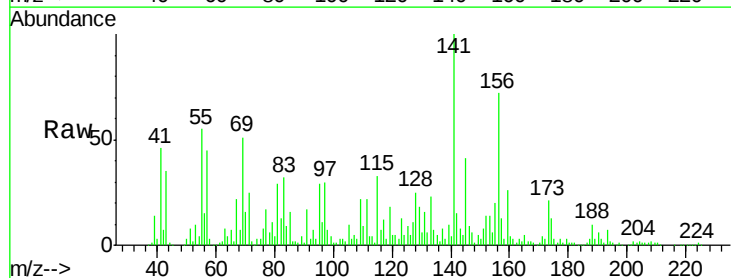
Instrument :
BNA_F
ClientSampleId :
MW-6-FD

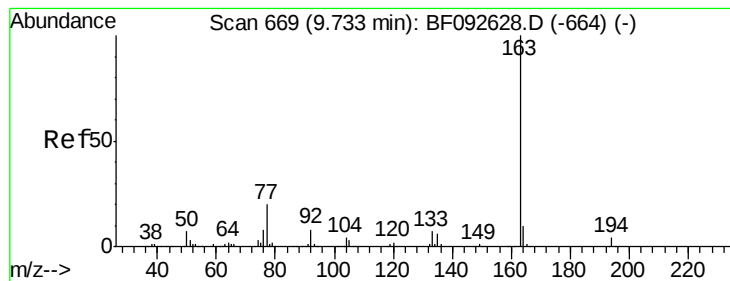
Tgt Ion:172 Resp: 1363818
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.1 20.2 30.4



#48
Acenaphthylene
Concen: 2.34 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF092896.D
Acq: 10 Feb 2017 21:18

Tgt Ion:152 Resp: 55420
Ion Ratio Lower Upper
152 100
151 56.4 16.9 25.3#
153 97.8 11.4 17.2#





#49

Dimethylphthalate

Concen: 2.74 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

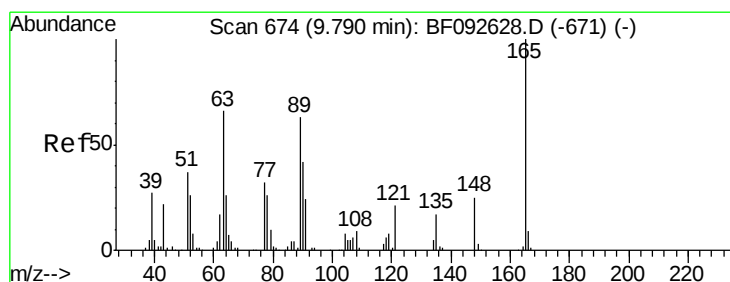
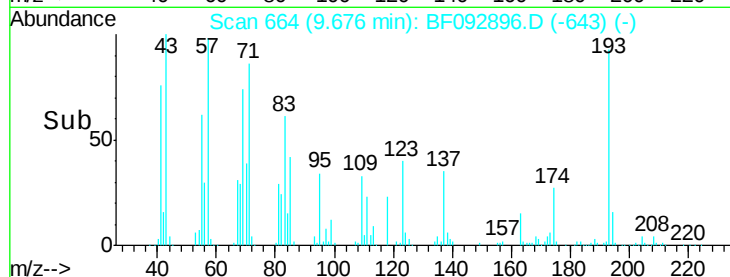
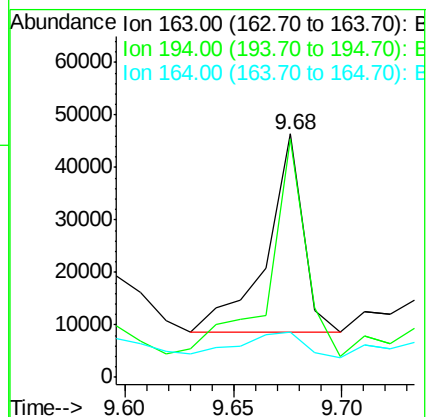
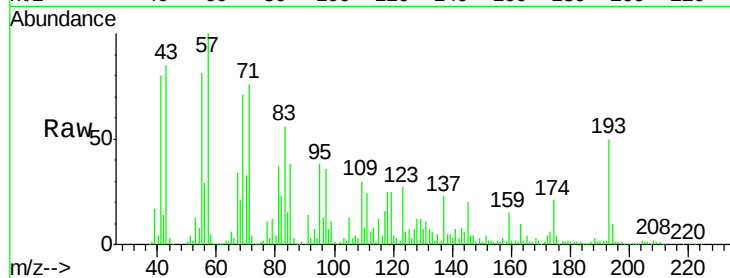
Tgt Ion:163 Resp: 44646

Ion Ratio Lower Upper

163 100

194 98.1 3.0 4.4#

164 18.6 8.0 12.0#



#50

2,6-Dinitrotoluene

Concen: 6.80 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.06 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

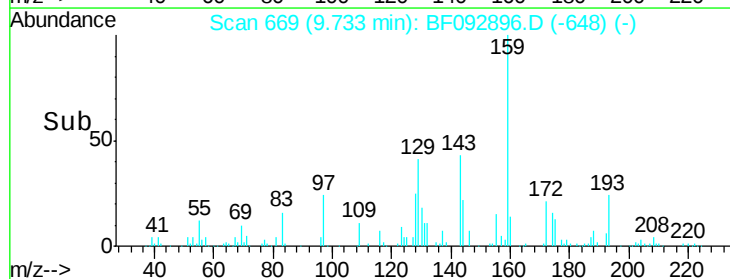
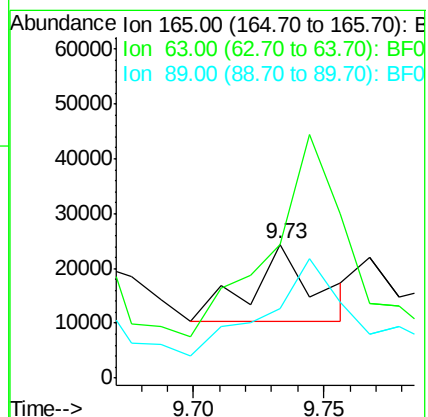
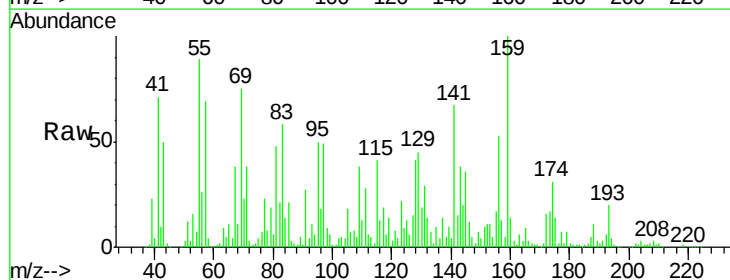
Tgt Ion:165 Resp: 23944

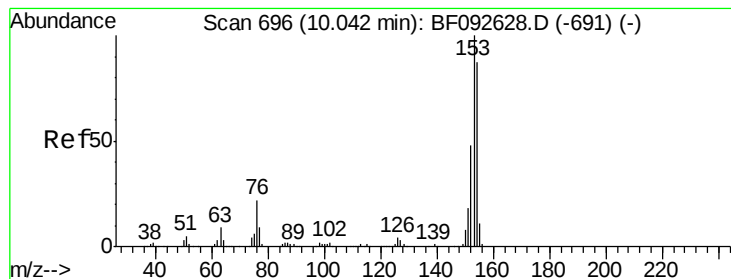
Ion Ratio Lower Upper

165 100

63 99.3 36.2 54.4#

89 52.2 40.2 60.4





#51

Acenaphthene

Concen: 14.48 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

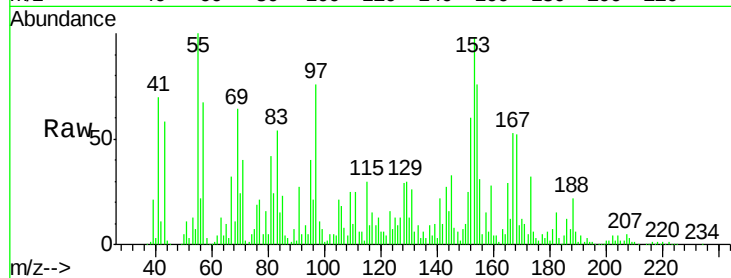
Tgt Ion:154 Resp: 204996

Ion Ratio Lower Upper

154 100

153 129.2 88.6 133.0

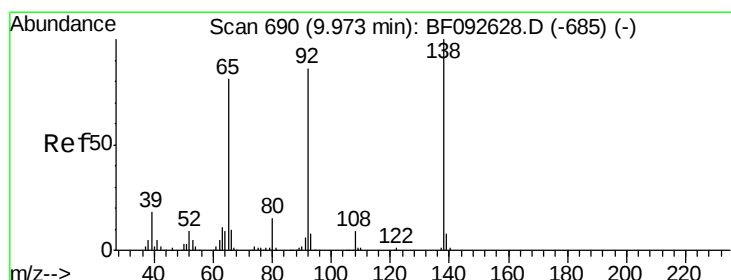
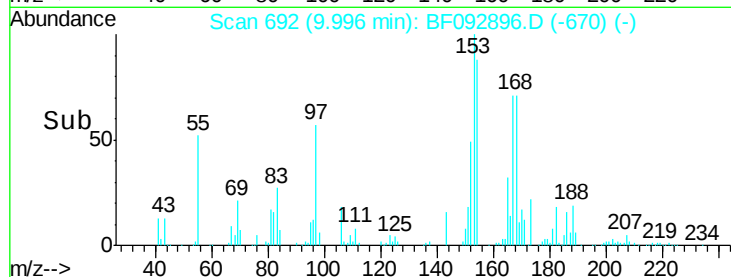
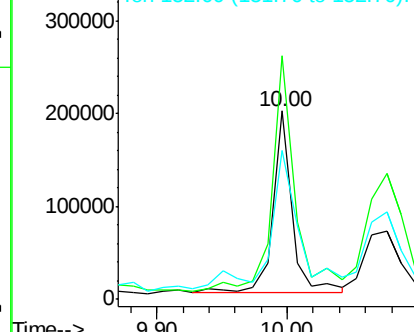
152 79.3 41.6 62.4#



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



#52

3-Nitroaniline

Concen: 5.54 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.06 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

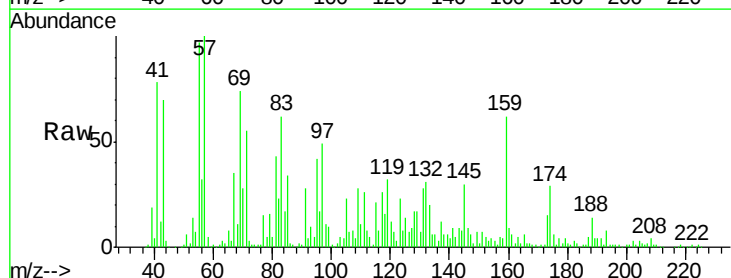
Tgt Ion:138 Resp: 22328

Ion Ratio Lower Upper

138 100

108 66.2 8.5 12.7#

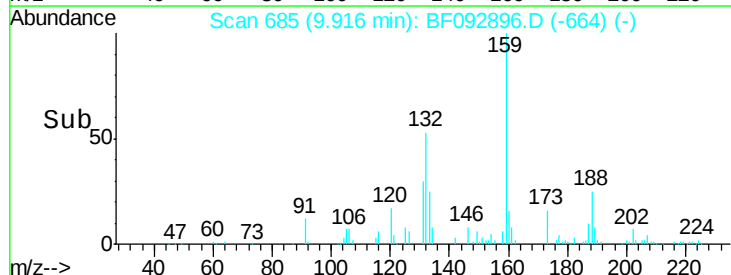
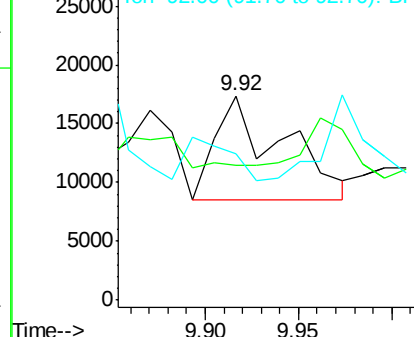
92 71.6 97.8 146.8#

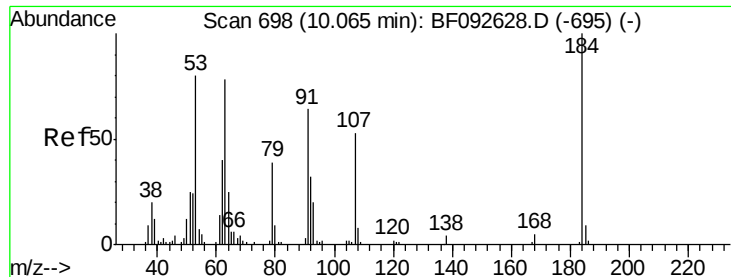


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

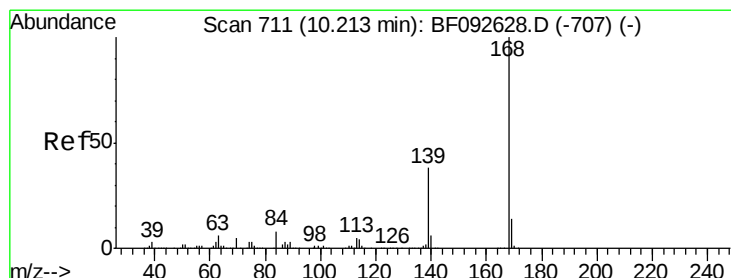
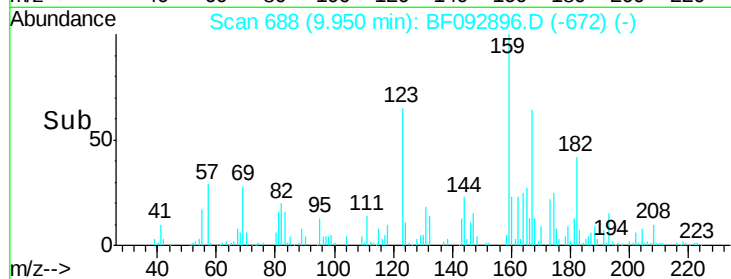
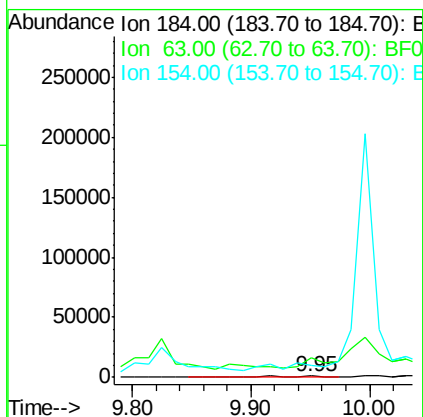
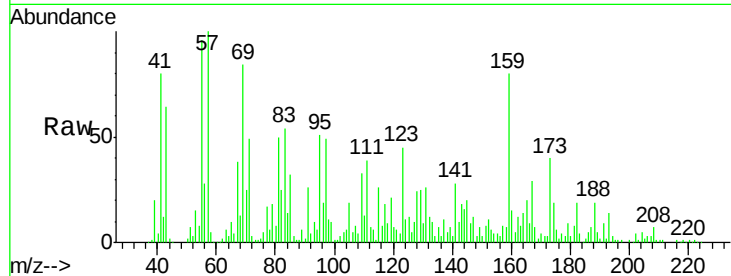




#53
 2,4-Dinitrophenol
 Concen: 7.54 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.11 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

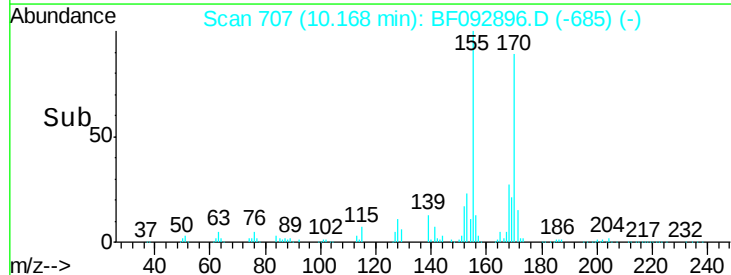
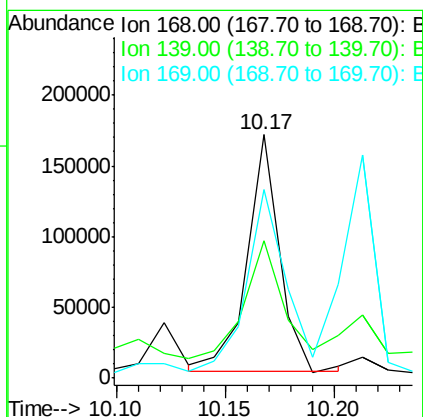
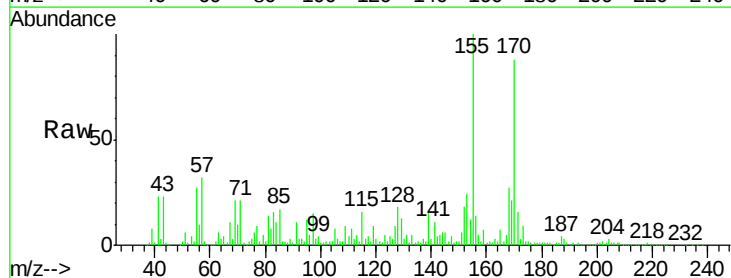
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-FD

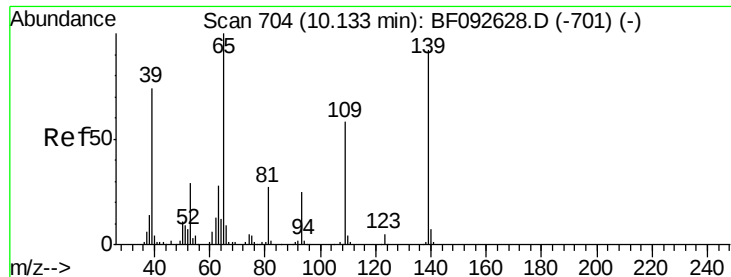
Tgt Ion:184 Resp: 5336
 Ion Ratio Lower Upper
 184 100
 63 1477.7 28.4 42.6#
 154 939.1 44.3 66.5#



#54
 Dibenzofuran
 Concen: 9.15 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.05 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

Tgt Ion:168 Resp: 173286
 Ion Ratio Lower Upper
 168 100
 139 56.3 32.6 49.0#
 169 77.4 11.3 16.9#





#55

4-Nitrophenol

Concen: 28.96 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

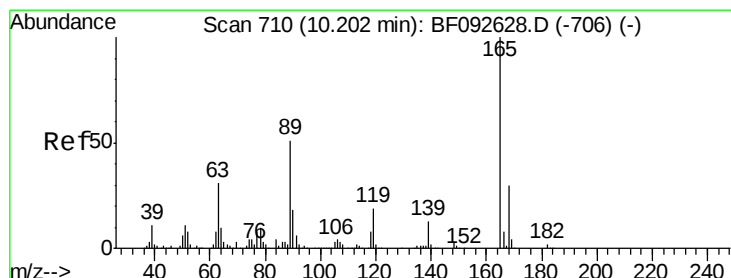
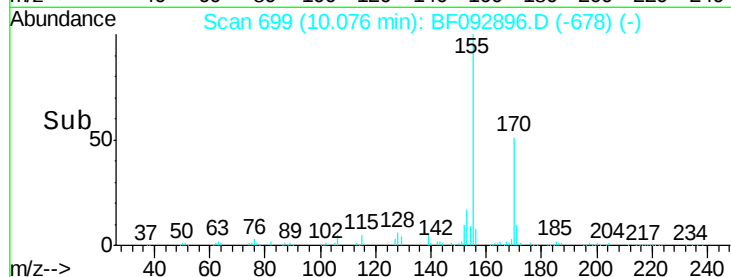
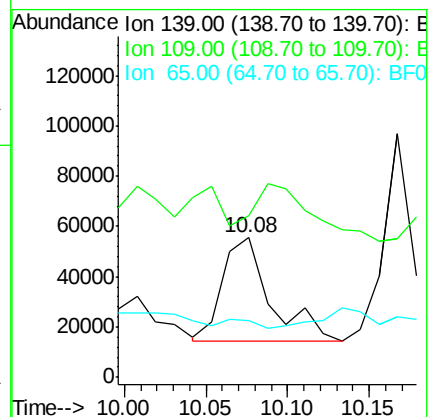
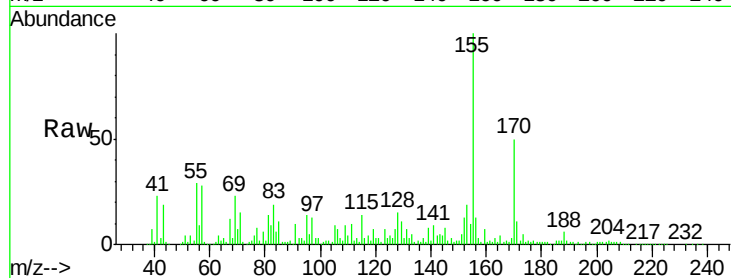
Tgt Ion:139 Resp: 84012

Ion Ratio Lower Upper

139 100

109 116.0 52.2 92.2#

65 40.8 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 6.80 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Tgt Ion:165 Resp: 31858

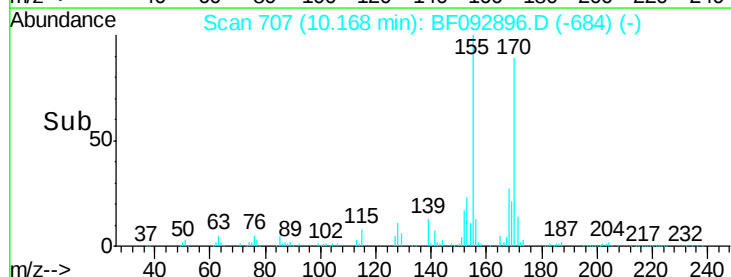
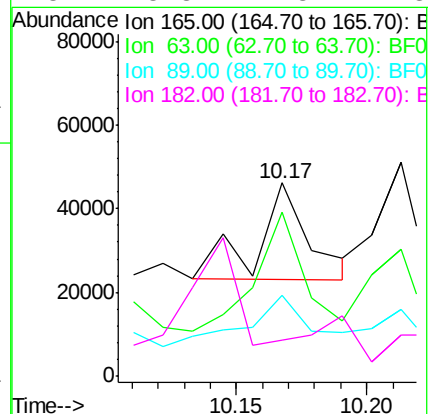
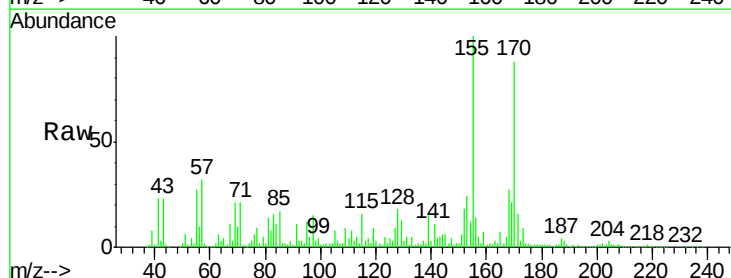
Ion Ratio Lower Upper

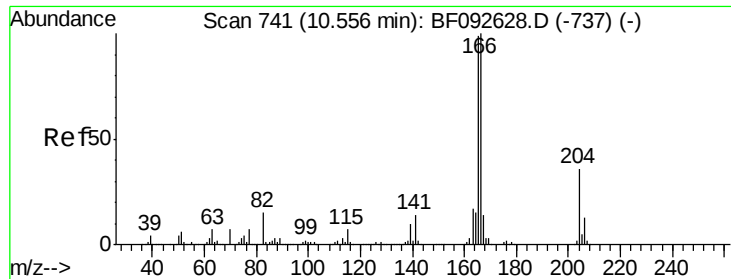
165 100

63 84.6 40.2 60.4#

89 42.0 62.5 93.7#

182 18.3 1.8 2.8#

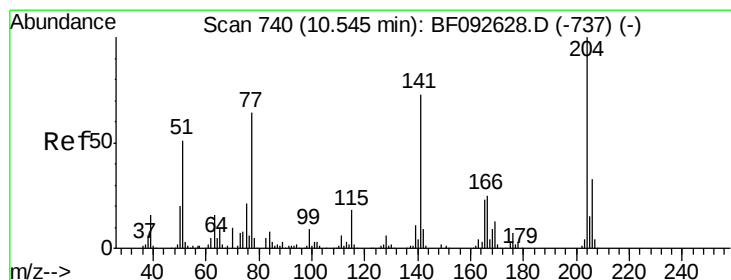
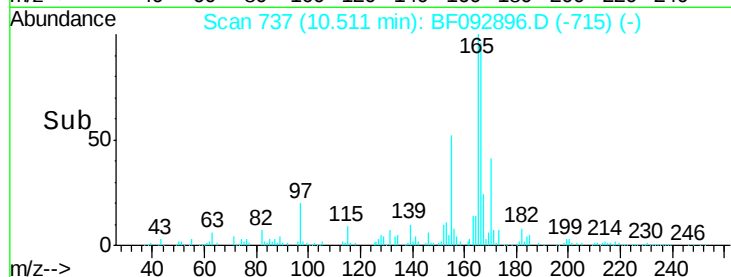
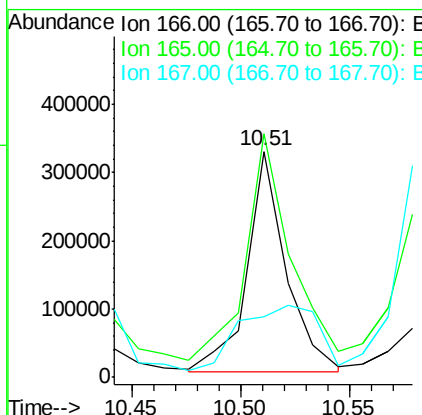
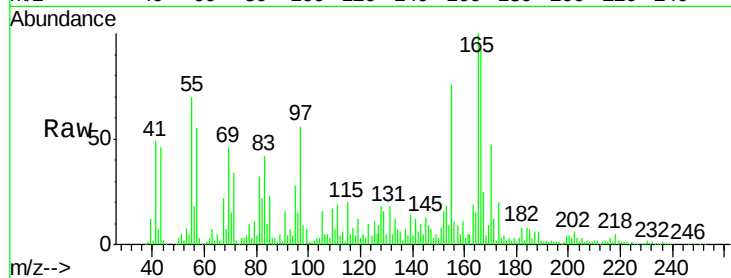




#57
Fluorene
 Concen: 27.52 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

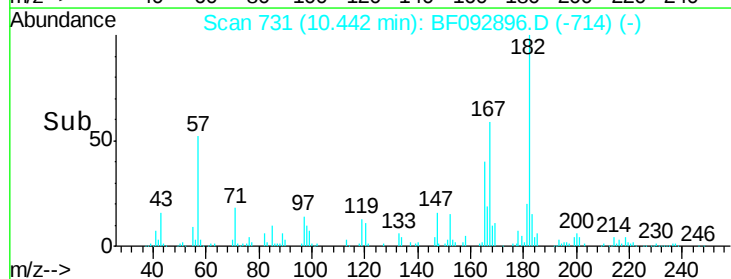
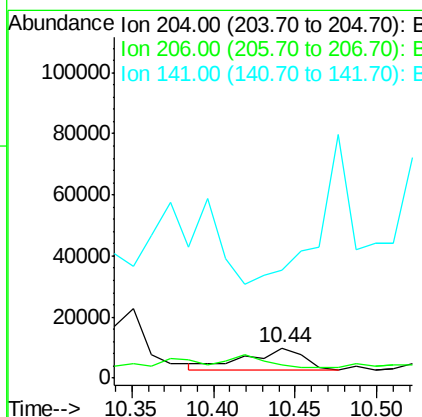
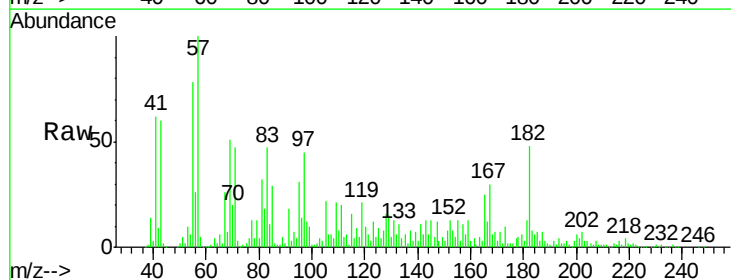
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-FD

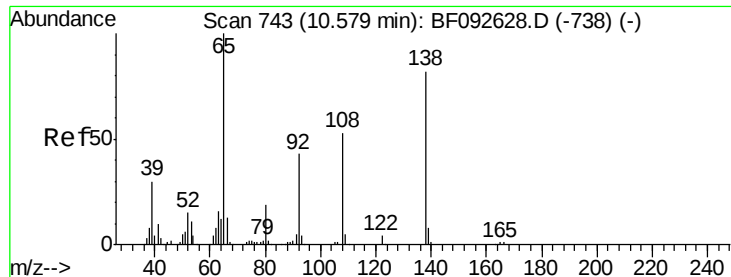
Tgt Ion:166 Resp: 400817
 Ion Ratio Lower Upper
 166 100
 165 107.7 77.8 116.8
 167 26.9 10.8 16.2#



#60
4-Chlorophenyl-phenylether
 Concen: 2.36 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.10 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

Tgt Ion:204 Resp: 16541
 Ion Ratio Lower Upper
 204 100
 206 44.2 25.8 38.6#
 141 360.2 59.4 89.0#





#61

4-Nitroaniline

Concen: 4.10 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.16 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

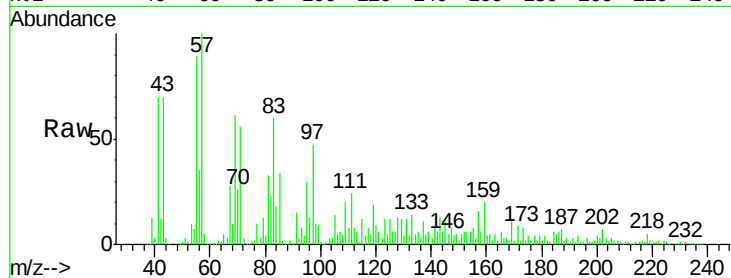
Tgt Ion:138 Resp: 16923

Ion Ratio Lower Upper

138 100

92 66.2 31.7 71.7

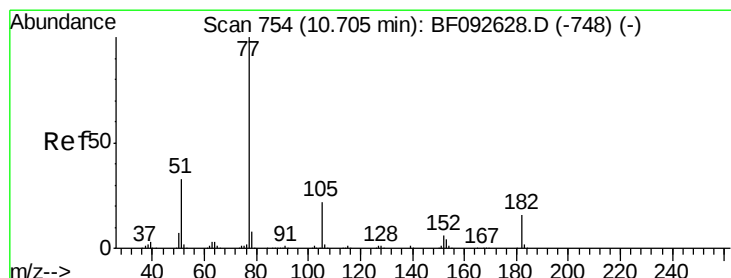
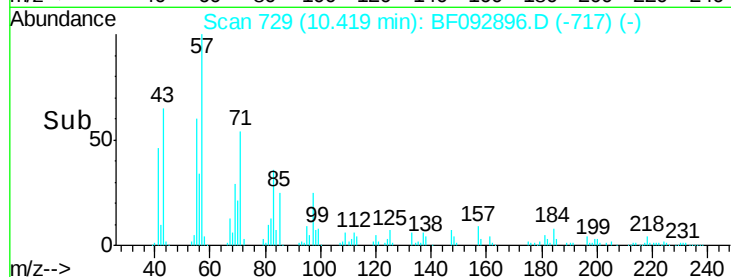
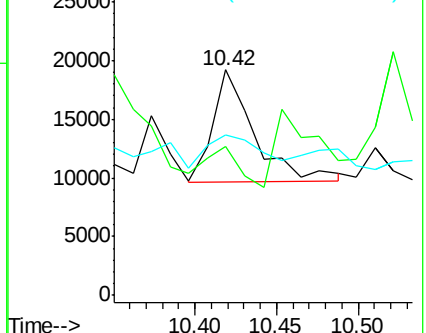
108 71.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 4.40 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Tgt Ion: 77 Resp: 69771

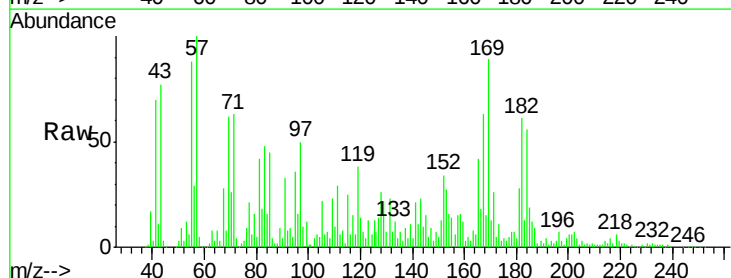
Ion Ratio Lower Upper

77 100

182 297.8 0.0 39.3#

105 105.8 2.3 42.3#

51 44.1 8.9 48.9

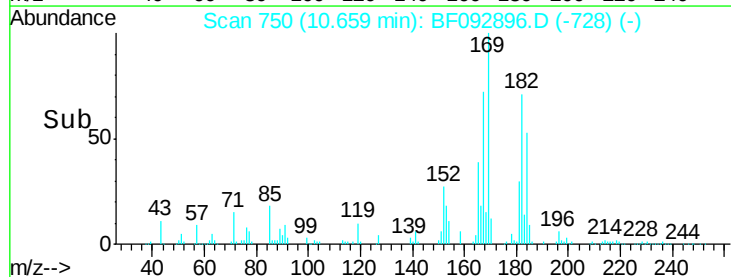
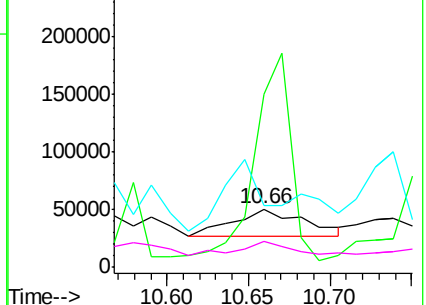


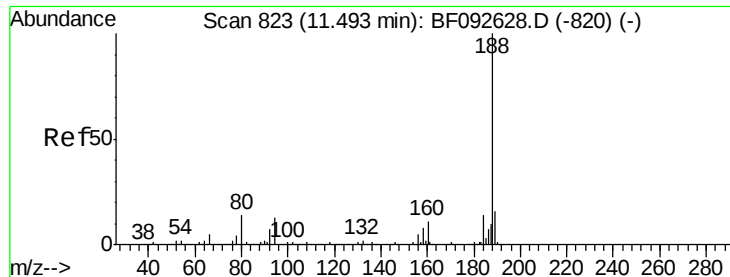
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.45 min Scan# 819

Delta R.T. -0.05 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

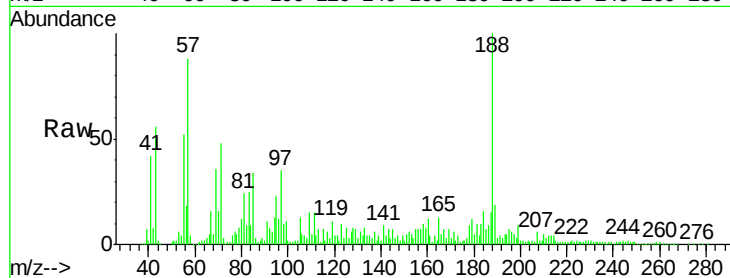
Tgt Ion:188 Resp: 377093

Ion Ratio Lower Upper

188 100

94 12.7 10.0 15.0

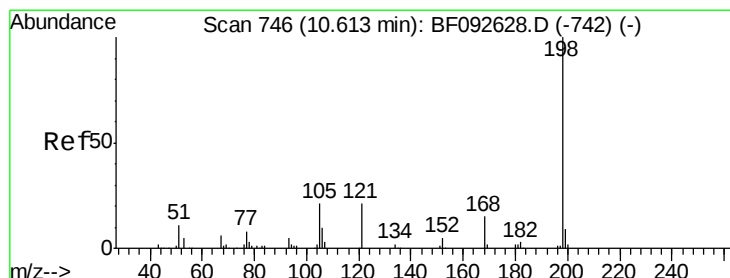
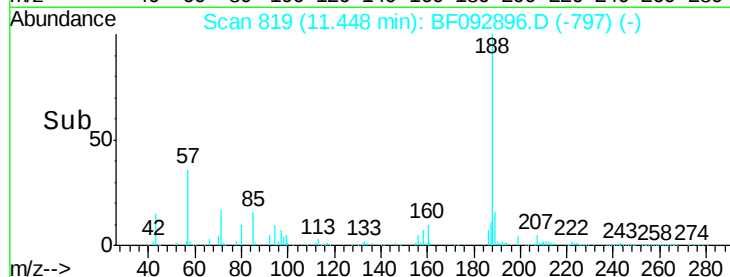
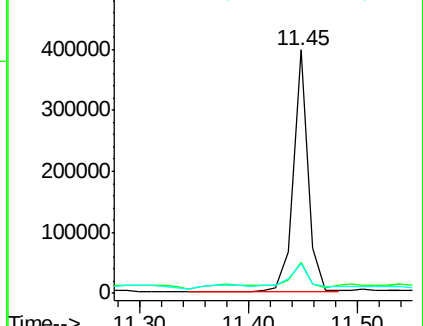
80 12.5 11.2 16.8



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: 4.58 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

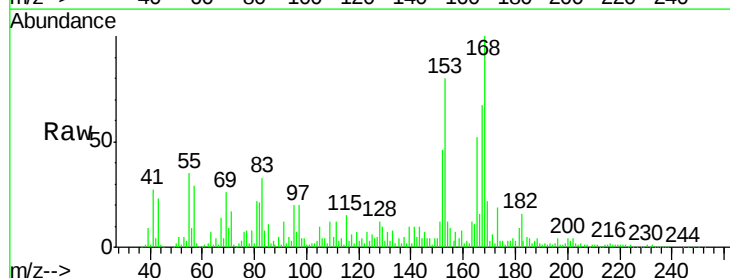
Tgt Ion:198 Resp: 4653

Ion Ratio Lower Upper

198 100

51 590.5 6.7 46.7#

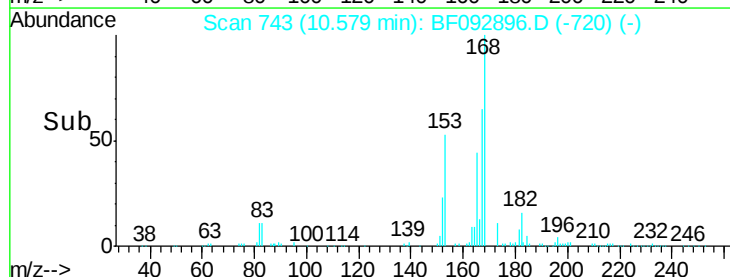
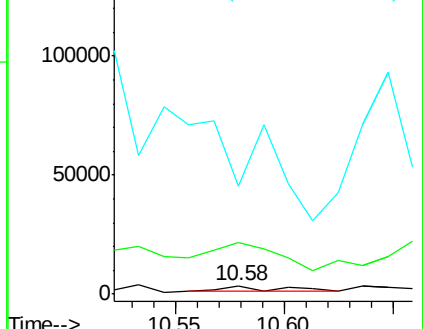
105 1242.0 16.6 56.6#

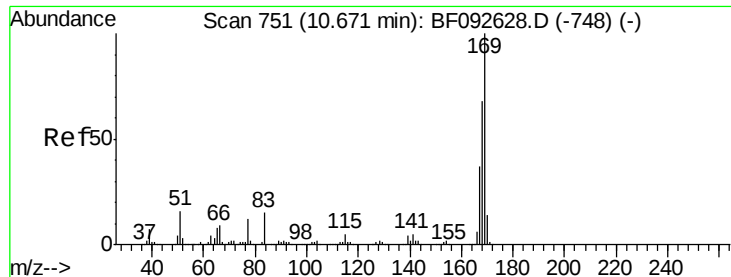


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.49 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

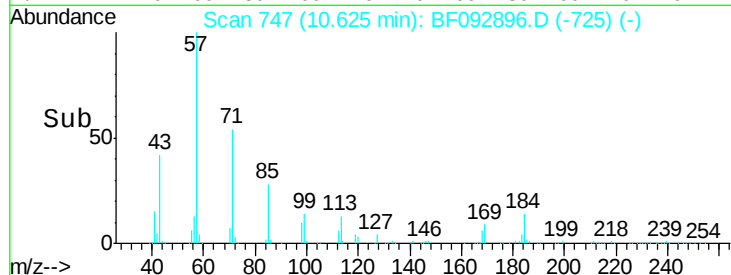
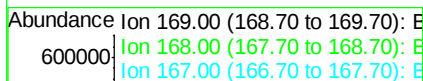
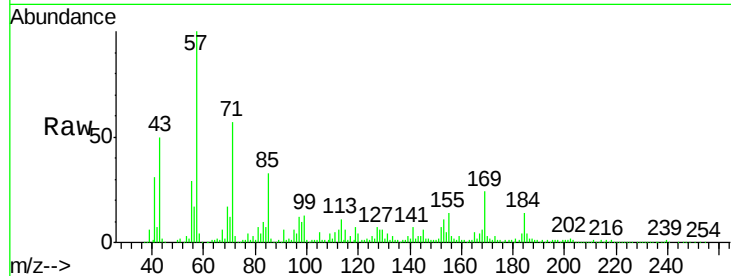
Tgt Ion:169 Resp: 427558

Ion Ratio Lower Upper

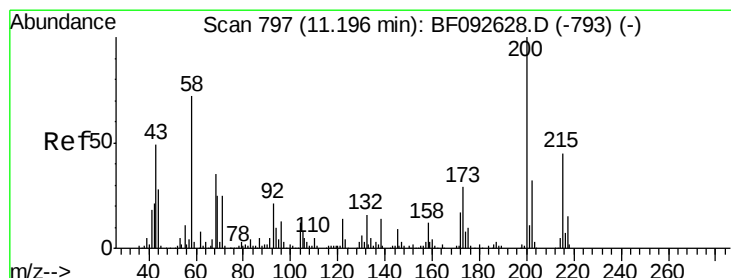
169 100

168 27.1 54.2 81.2#

167 15.3 30.2 45.4#



Time-->



#68

Atrazine

Concen: 8.29 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.13 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

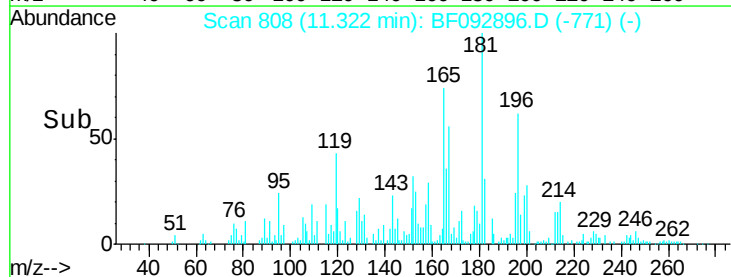
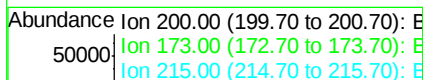
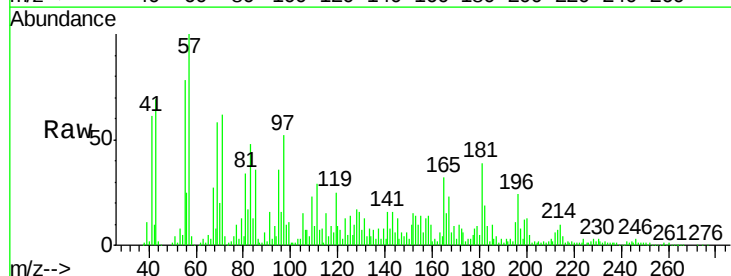
Tgt Ion:200 Resp: 32044

Ion Ratio Lower Upper

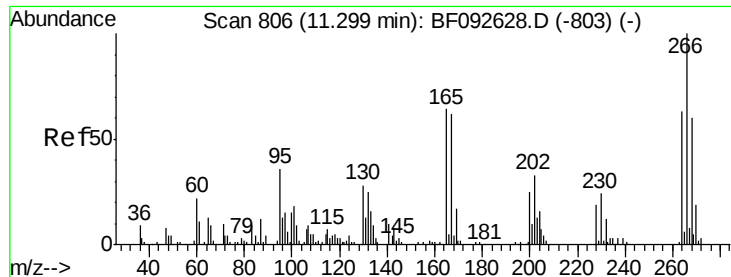
200 100

173 43.4 9.6 49.6

215 31.1 25.7 65.7



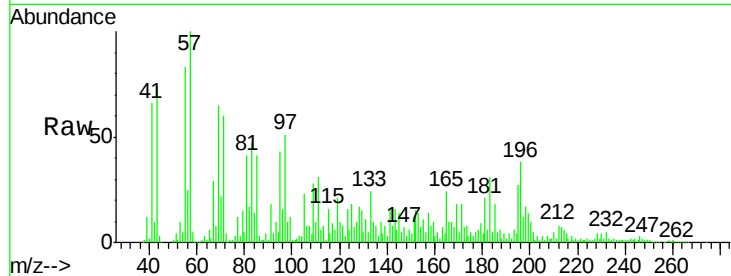
Time-->



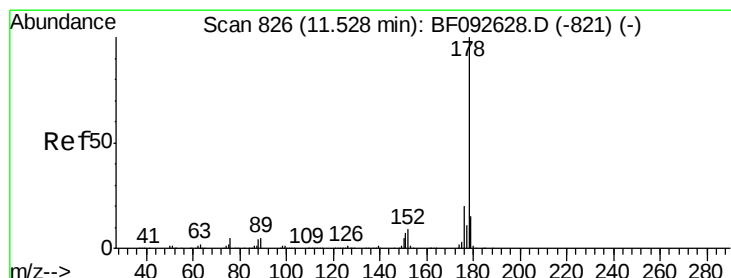
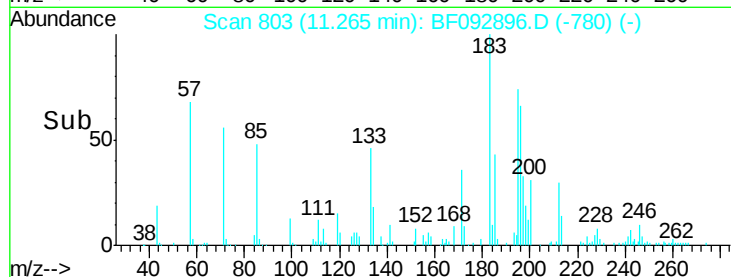
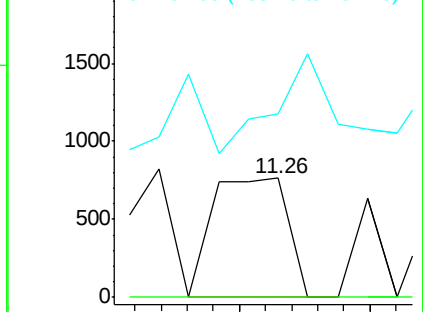
#69
 Pentachlorophenol
 Concen: 7.90 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-FD

Tgt Ion:266 Resp: 1542
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.3 79.9#
 264 153.9 50.3 75.5#

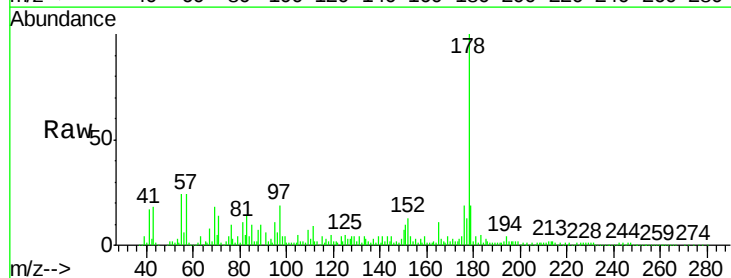


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

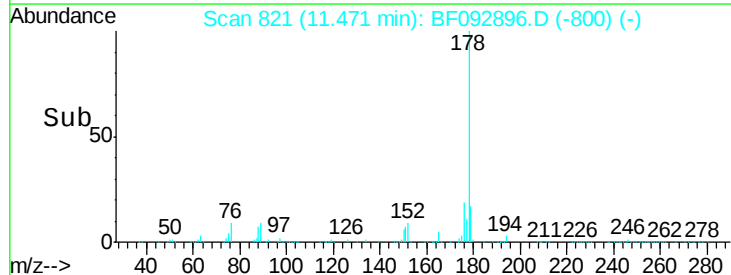
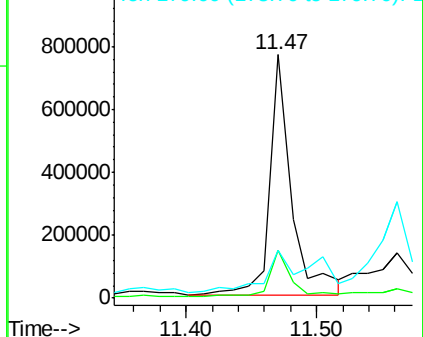


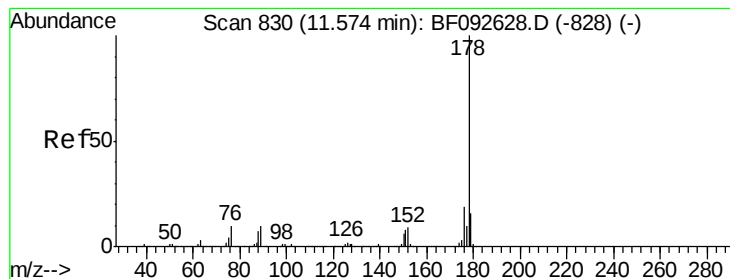
#70
 Phenanthrene
 Concen: 41.19 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.06 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

Tgt Ion:178 Resp: 889923
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.6 25.0
 179 19.4 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: 41.02 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.10 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

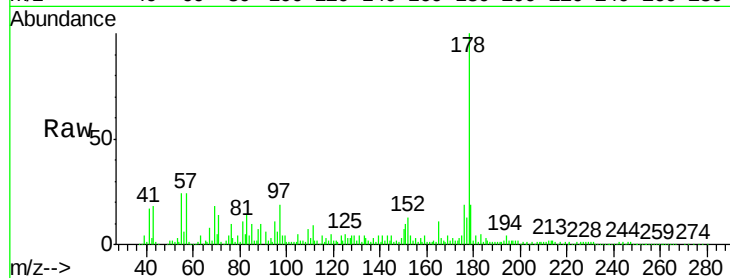
Tgt Ion:178 Resp: 889923

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

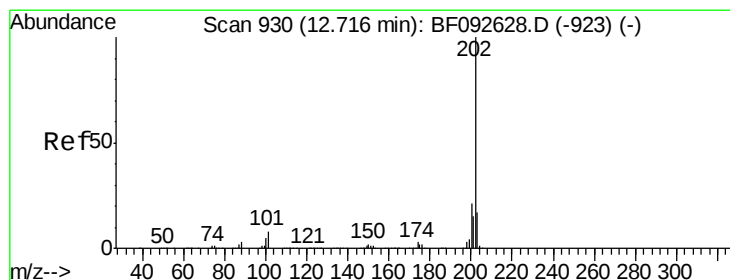
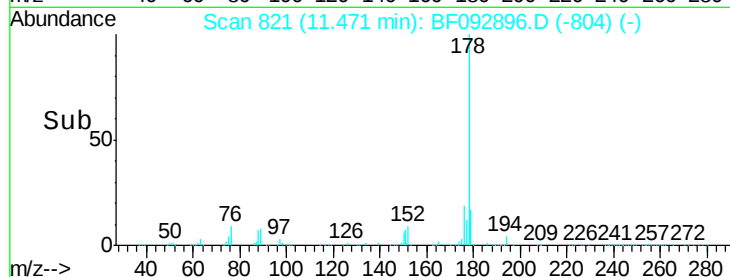
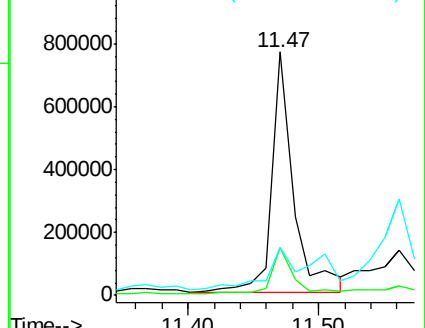
179 19.4 13.2 19.8



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: 11.34 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

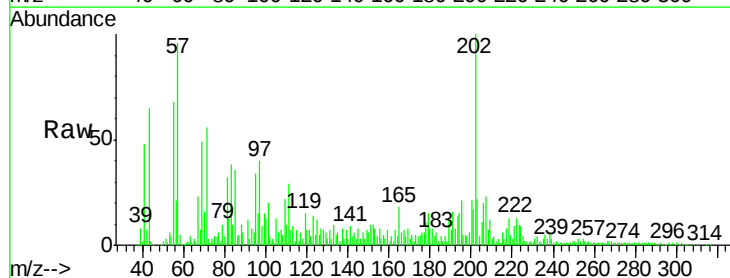
Tgt Ion:202 Resp: 252782

Ion Ratio Lower Upper

202 100

101 19.7 0.0 34.6

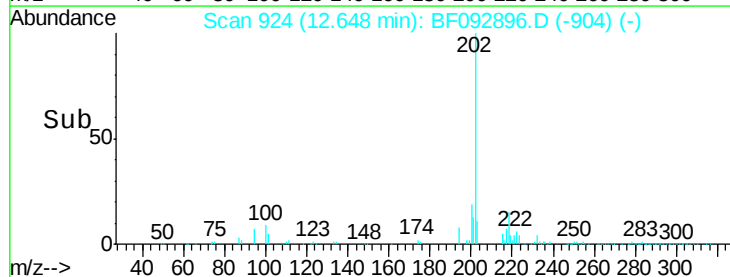
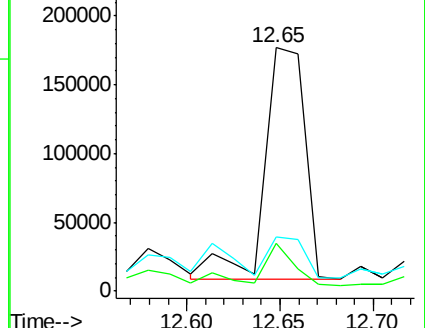
203 22.3 0.0 38.7

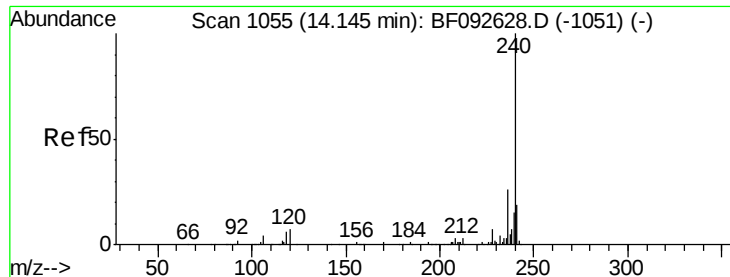


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

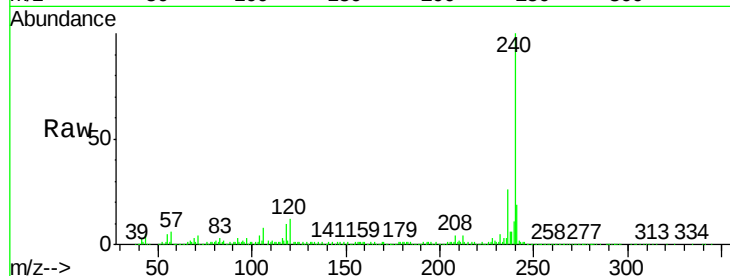
Tgt Ion:240 Resp: 463363

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

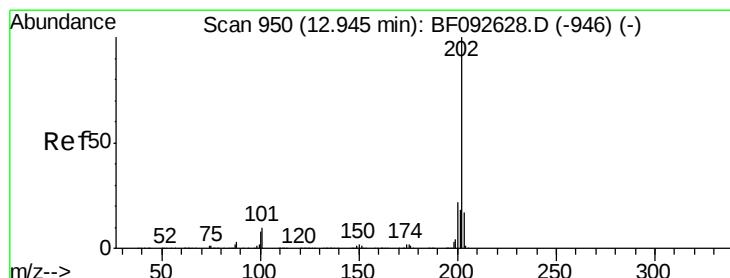
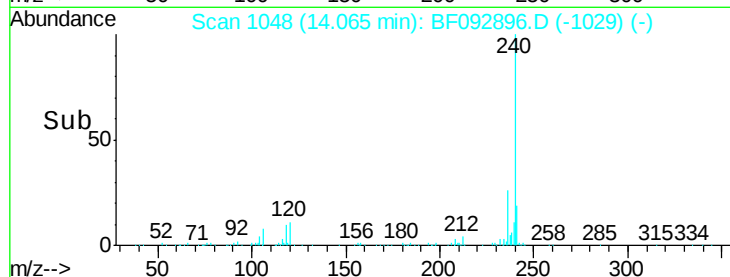
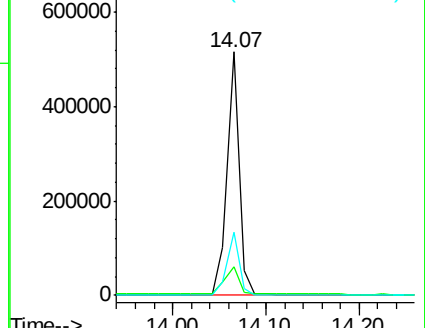
236 26.1 20.9 31.3



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: 10.75 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

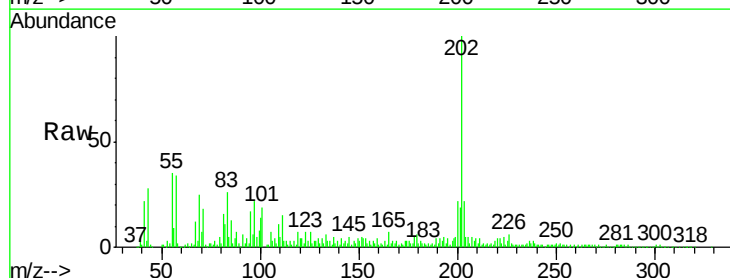
Tgt Ion:202 Resp: 372713

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

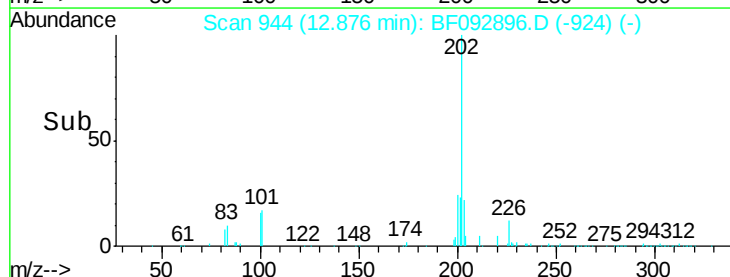
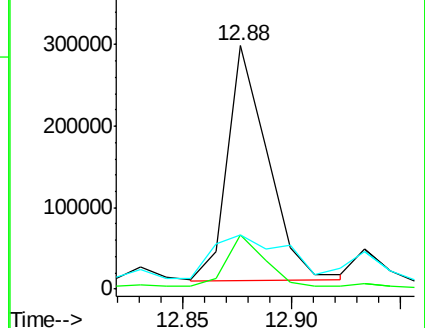
203 22.0 14.7 22.1

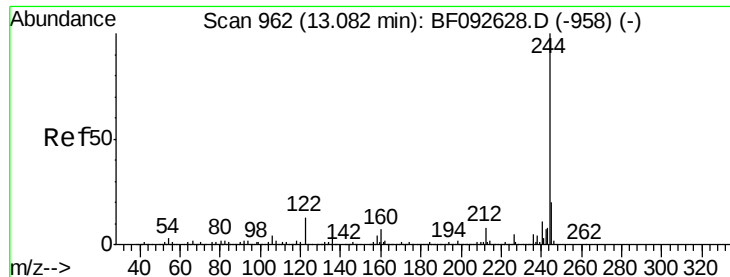


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

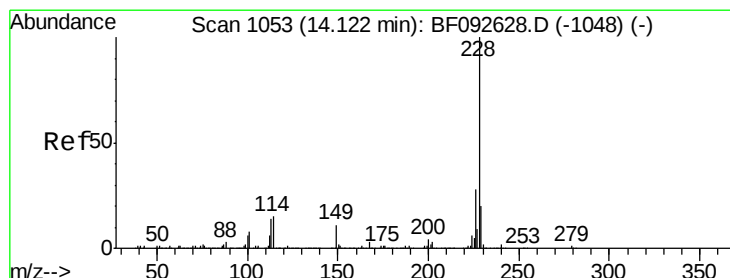
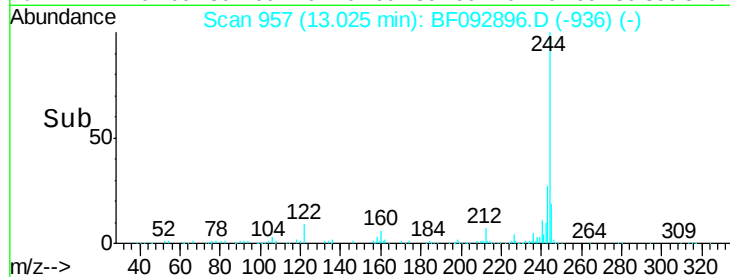
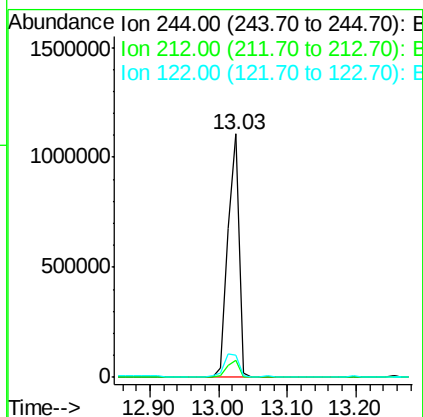
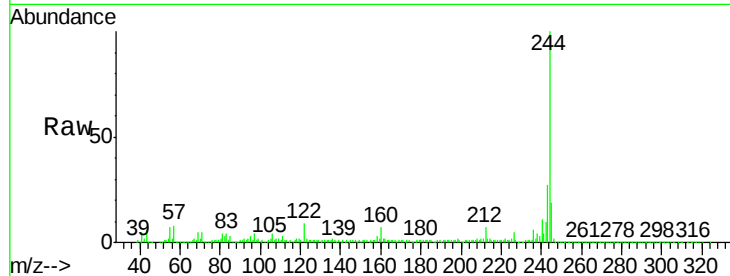




#78
 Terphenyl-d14
 Concen: 64.54 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

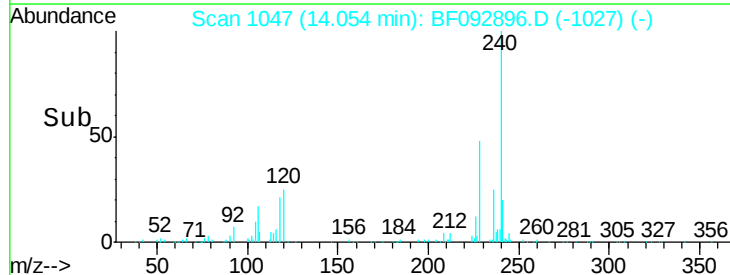
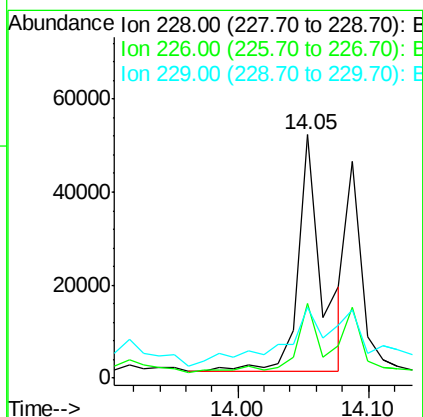
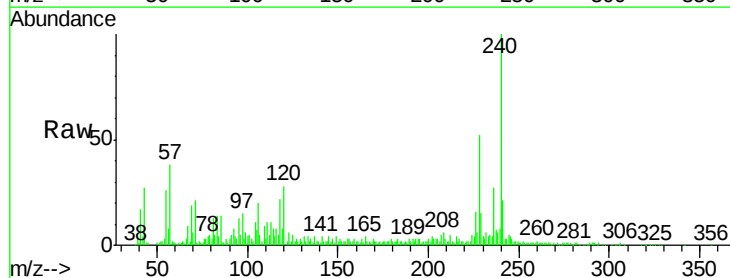
Instrument :
 BNA_F
 ClientSampled :
 MW-6-FD

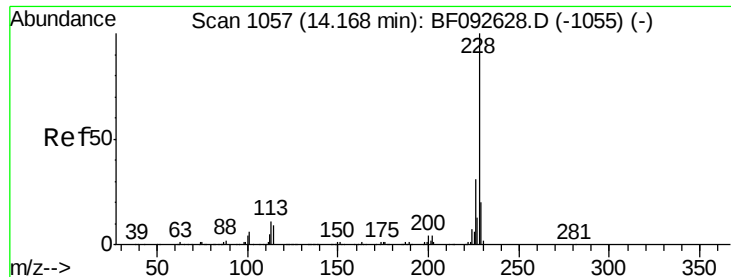
Tgt Ion:244 Resp: 1272826
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.4 11.4 17.2#



#80
 Benzo(a)anthracene
 Concen: 2.30 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.07 min
 Lab File: BF092896.D
 Acq: 10 Feb 2017 21:18

Tgt Ion:228 Resp: 65122
 Ion Ratio Lower Upper
 228 100
 226 30.7 22.4 33.6
 229 29.1 16.2 24.4#





#82

Chrysene

Concen: 2.45 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.11 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

Instrument :

BNA_F

ClientSampleId :

MW-6-FD

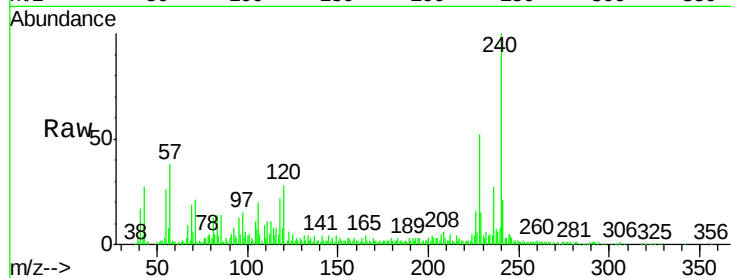
Tgt Ion:228 Resp: 65122

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

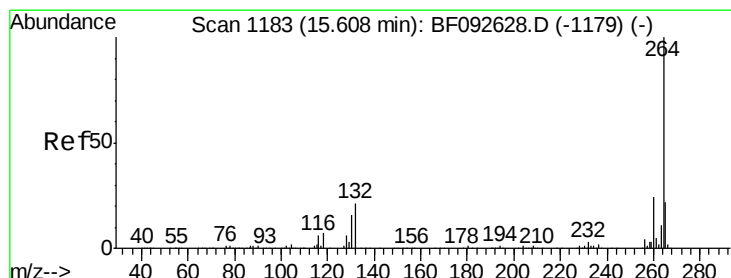
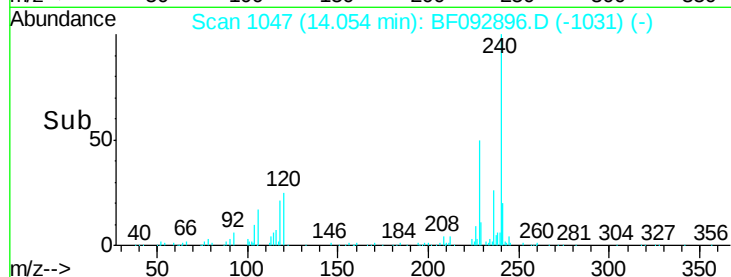
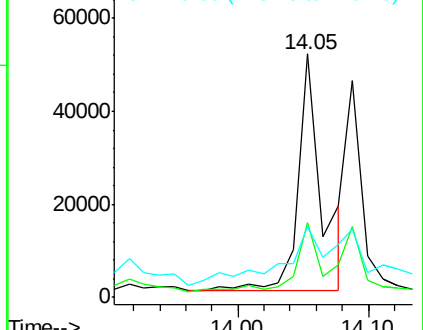
229 29.1 16.2 24.2#



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: 15.51 min Scan# 1174

Delta R.T. -0.10 min

Lab File: BF092896.D

Acq: 10 Feb 2017 21:18

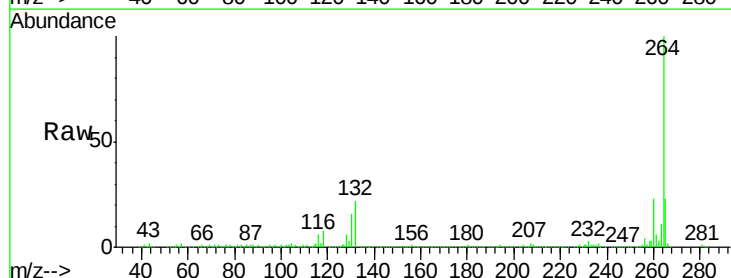
Tgt Ion:264 Resp: 371616

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.7 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

