

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092760.D
 Acq On : 3 Feb 2017 2:43
 Operator : SJ/MA
 Sample : I1646-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Feb 03 03:40:03 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

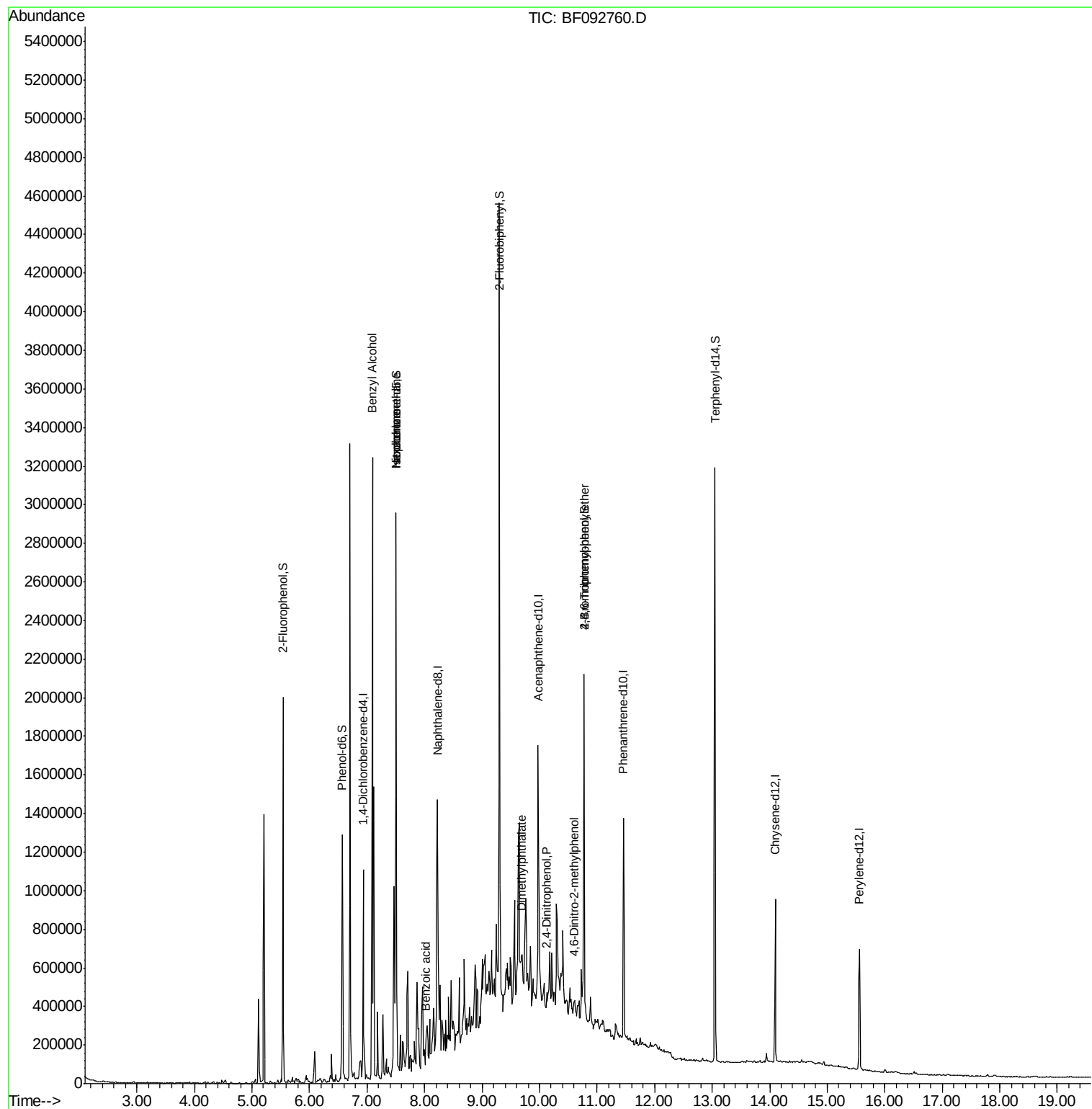
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	143045	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	553535	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	322935	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	444137	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	305512	20.00	ng	-0.05
86) Perylene-d12	15.56	264	314194	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	503940	60.44	ng	-0.03
7) Phenol-d6	6.57	99	395183	36.84	ng	-0.03
23) Nitrobenzene-d5	7.50	82	889319	89.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	274846	117.67	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1403910	78.76	ng	-0.03
78) Terphenyl-d14	13.05	244	960847	73.90	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.09	79	19098	2.40	ng	# 27
18) Hexachloroethane	7.50	117	265676	71.37	ng	# 12
25) Isophorone	7.50	82	835932	45.13	ng	# 65
32) Benzoic acid	8.02	122	575	7.27	ng	# 1
49) Dimethylphthalate	9.69	163	78066	3.59	ng	# 85
53) 2,4-Dinitrophenol	10.12	184	1964	5.51	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.60	198	2086	3.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	20435	4.40	ng	# 1

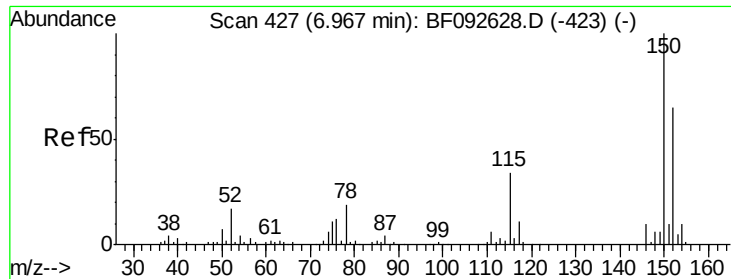
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

Instrument :

BNA_F

ClientSampleId :

MW-01

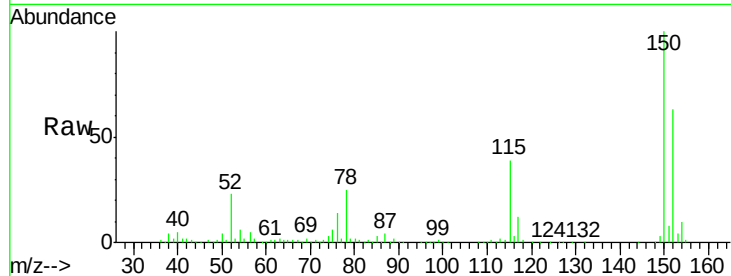
Tgt Ion:152 Resp: 143045

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

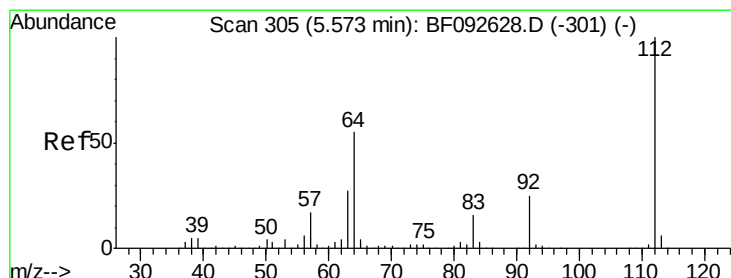
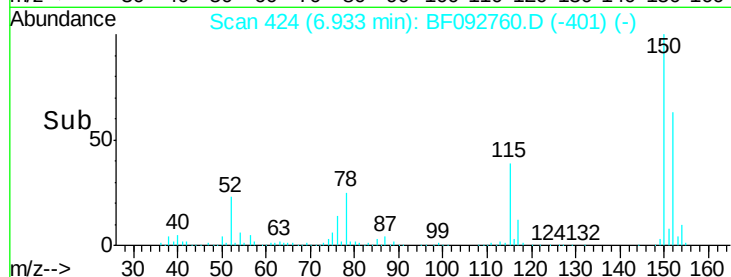
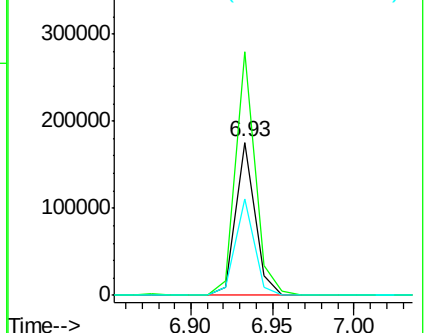
115 62.5 46.0 69.0



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: 60.44 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

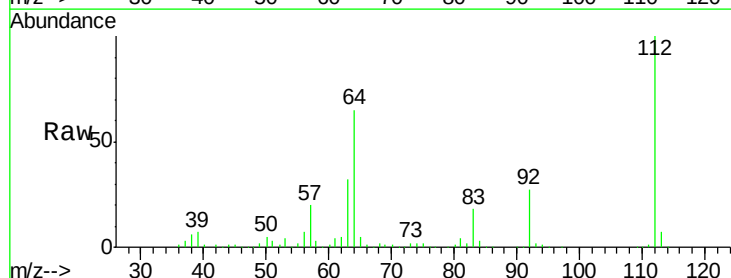
Tgt Ion:112 Resp: 503940

Ion Ratio Lower Upper

112 100

64 65.3 46.1 69.1

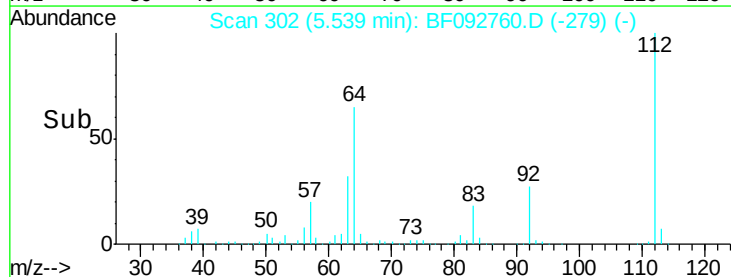
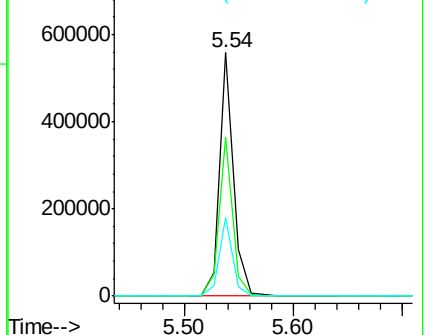
63 32.2 23.8 35.6

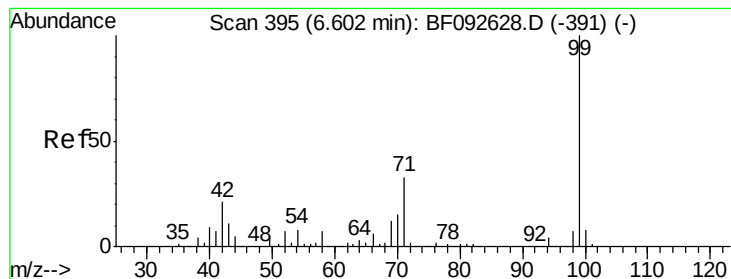


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.84 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

Instrument :

BNA_F

ClientSampleId :

MW-01

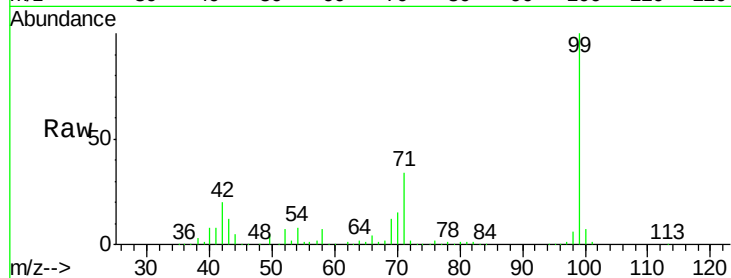
Tgt Ion: 99 Resp: 395183

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

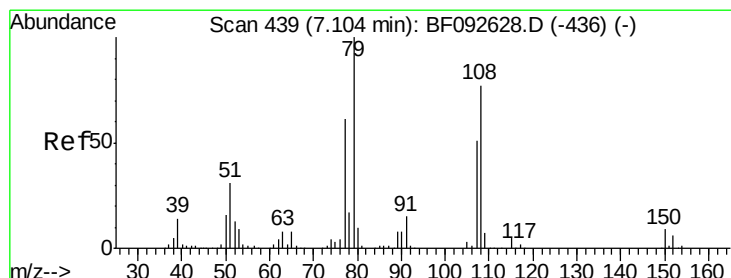
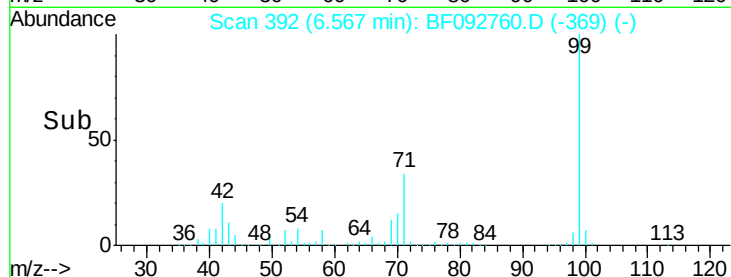
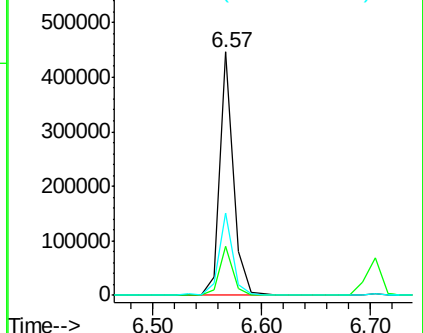
71 33.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.40 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

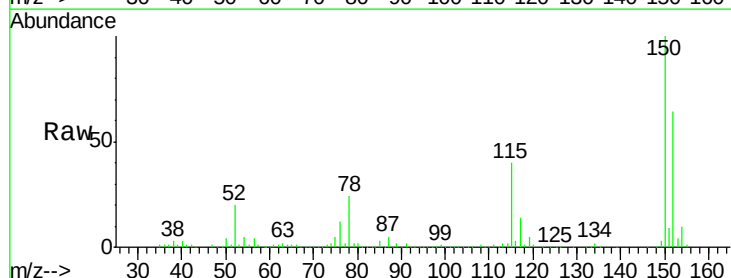
Tgt Ion: 79 Resp: 19098

Ion Ratio Lower Upper

79 100

108 28.9 61.4 92.0#

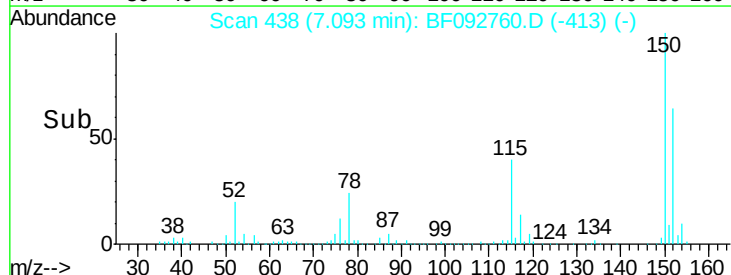
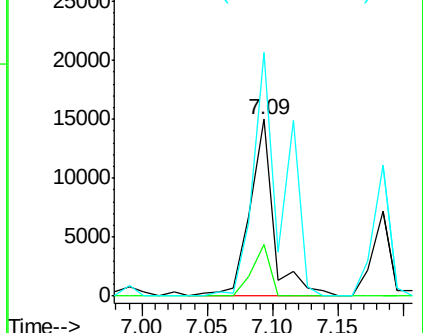
77 137.8 50.9 76.3#

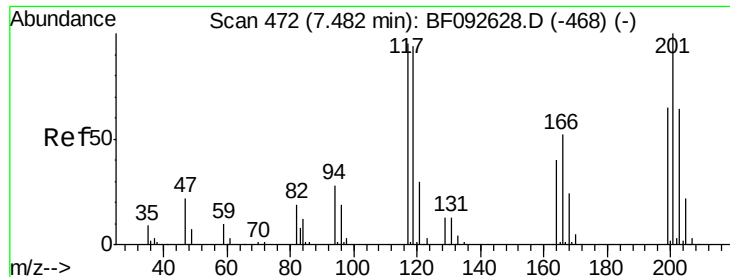


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

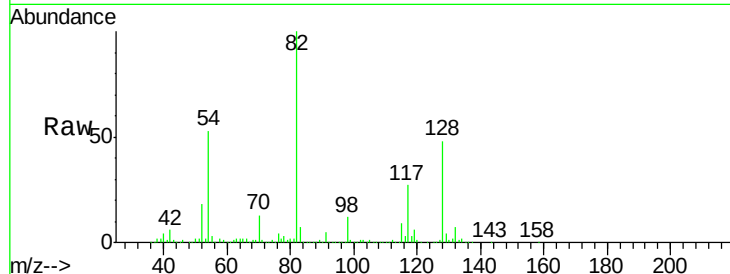




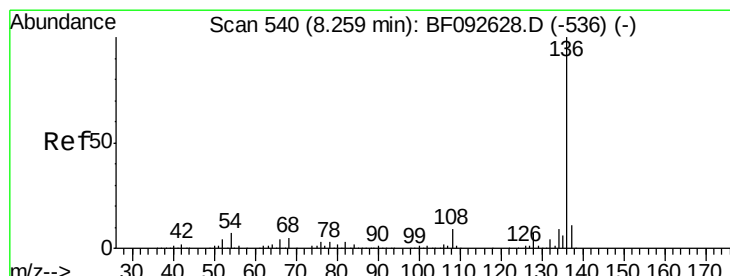
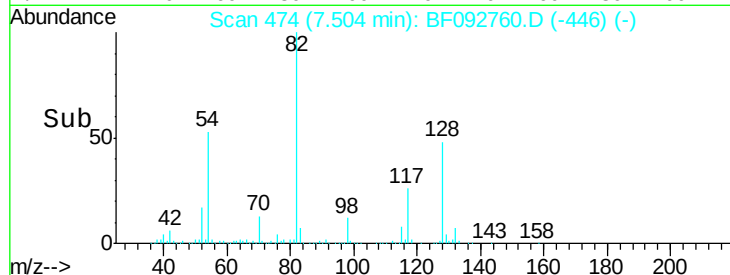
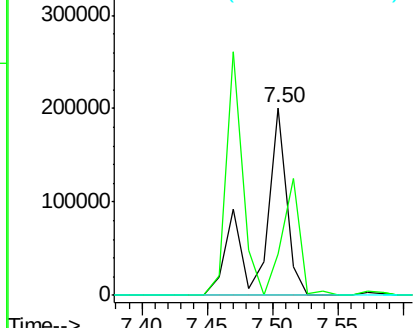
#18
Hexachloroethane
Concen: 71.37 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.02 min
Lab File: BF092760.D
Acq: 3 Feb 2017 2:43

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:117 Resp: 265676
Ion Ratio Lower Upper
117 100
119 21.9 78.1 117.1#
201 0.0 78.6 117.8#

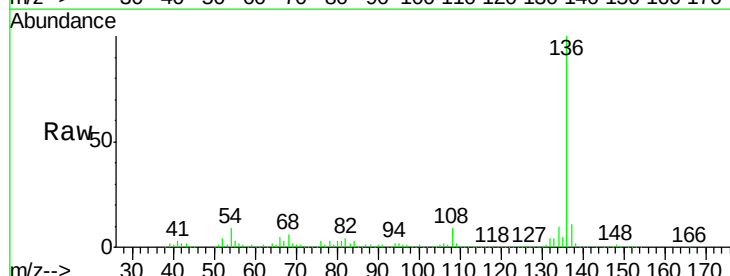


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

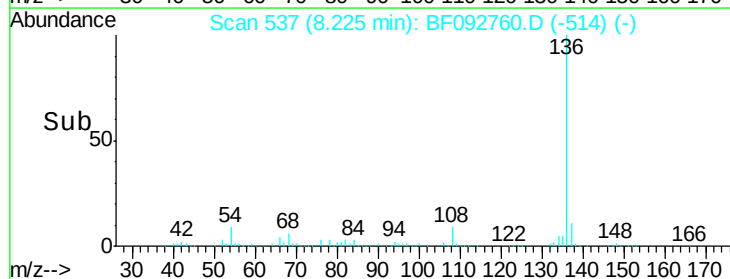
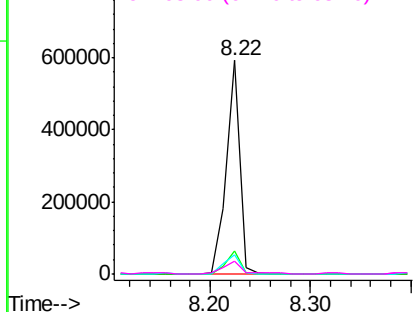


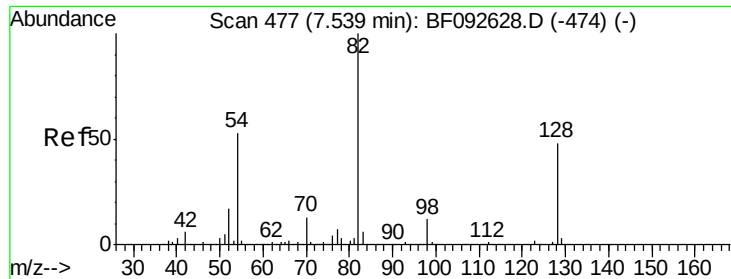
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092760.D
Acq: 3 Feb 2017 2:43

Tgt Ion:136 Resp: 553535
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.0 4.5 6.7#
68 6.3 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

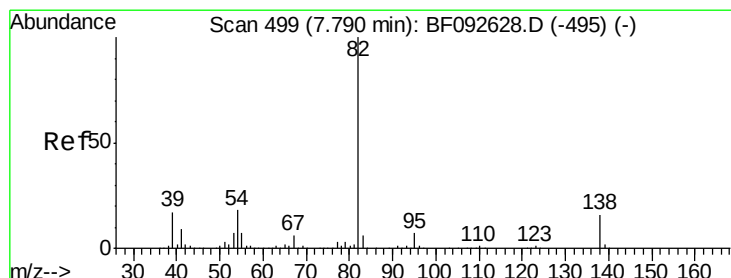
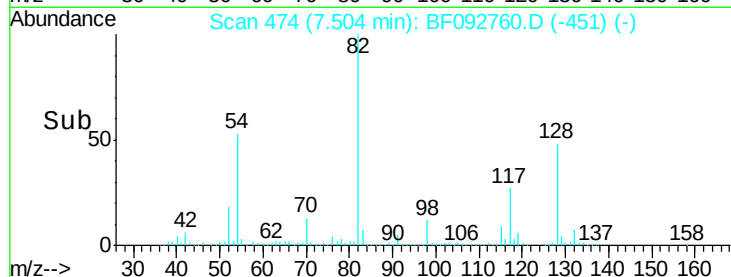
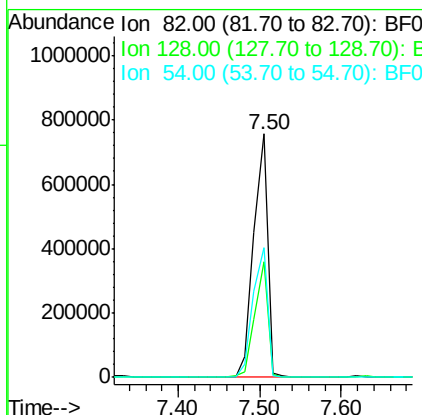
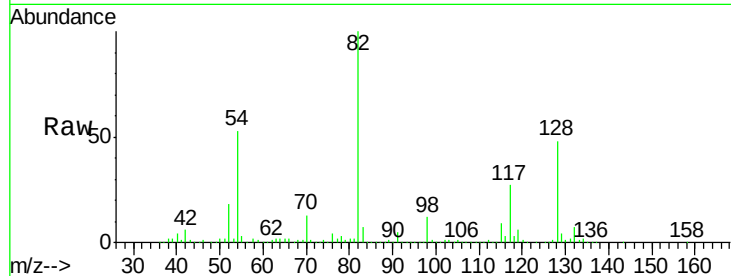




#23
 Nitrobenzene-d5
 Concen: 89.47 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092760.D
 Acq: 3 Feb 2017 2:43

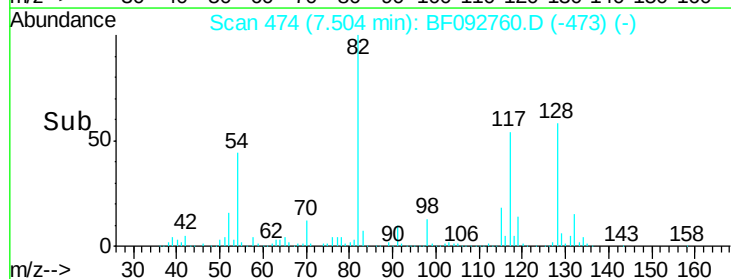
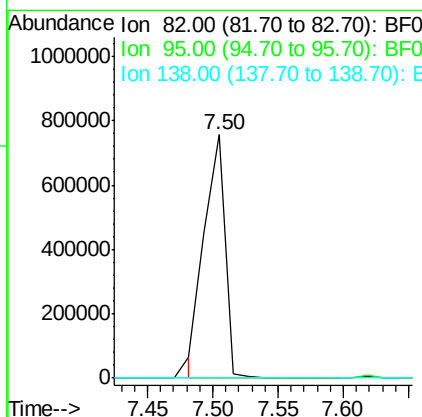
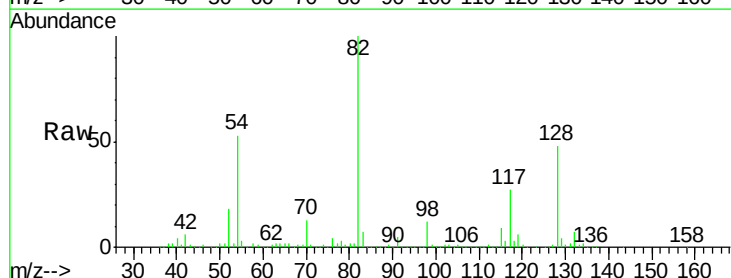
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

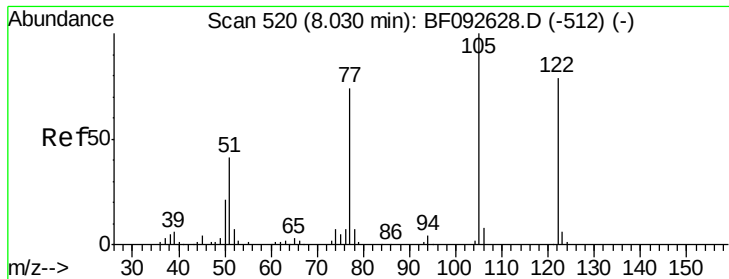
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.6	52.0
54	53.2	39.5	59.3



#25
 Isophorone
 Concen: 45.13 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092760.D
 Acq: 3 Feb 2017 2:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.6	8.4#
138	0.0	14.6	22.0#





#32

Benzoic acid

Concen: 7.27 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

Instrument :

BNA_F

ClientSampled :

MW-01

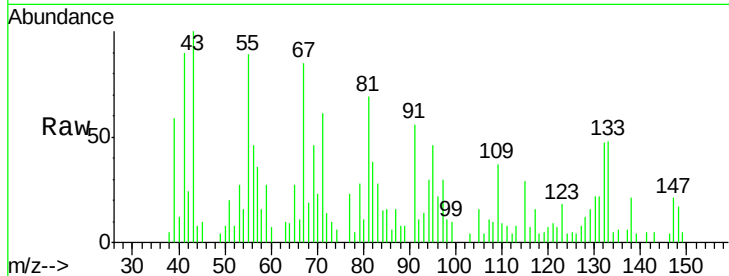
Tgt Ion:122 Resp: 575

Ion Ratio Lower Upper

122 100

105 248.6 107.2 147.2#

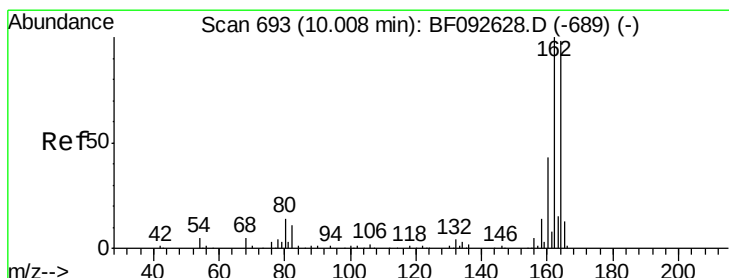
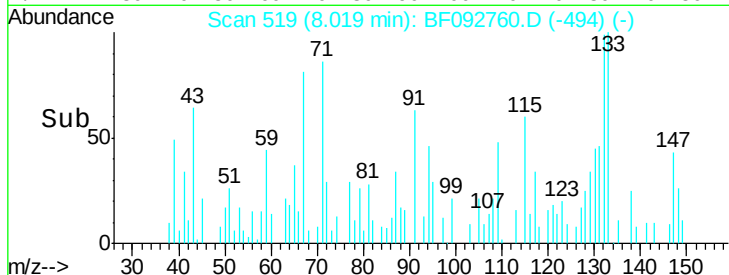
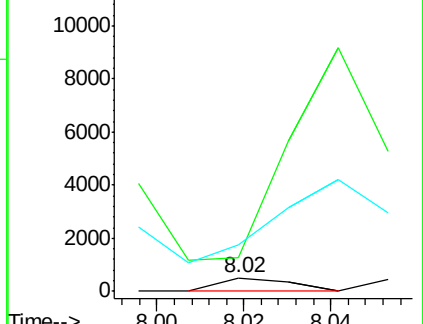
77 349.0 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

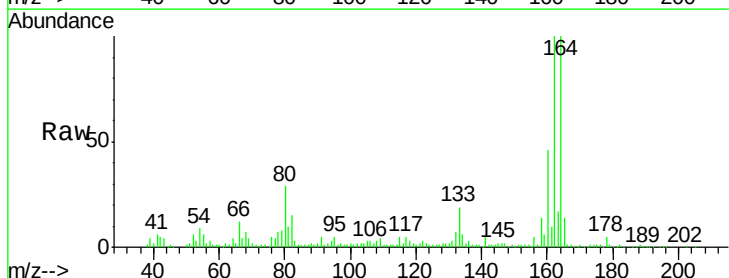
Tgt Ion:164 Resp: 322935

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

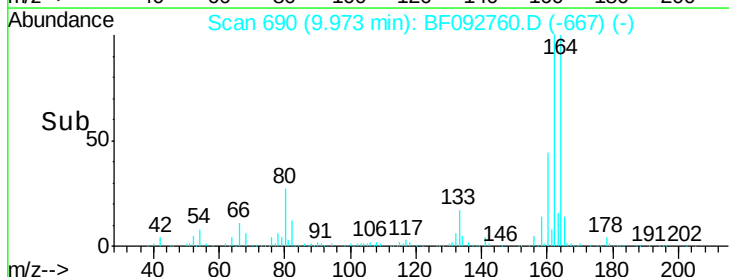
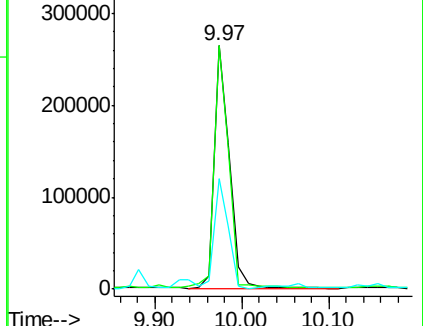
160 45.5 36.9 55.3

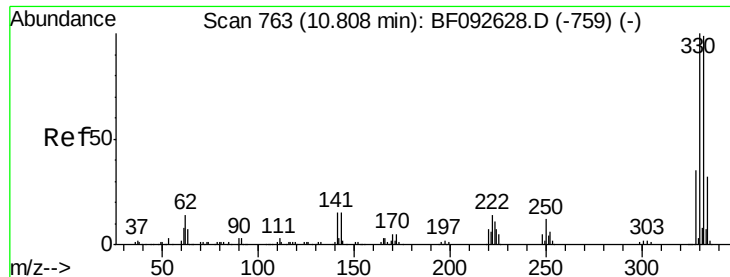


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

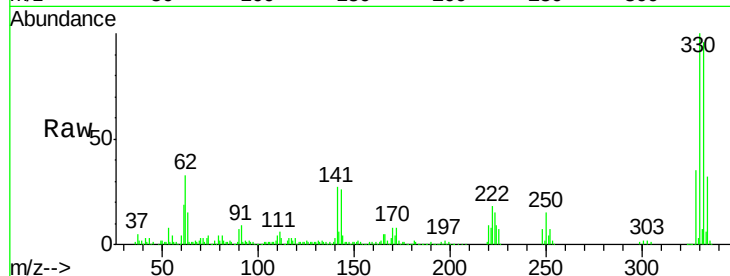




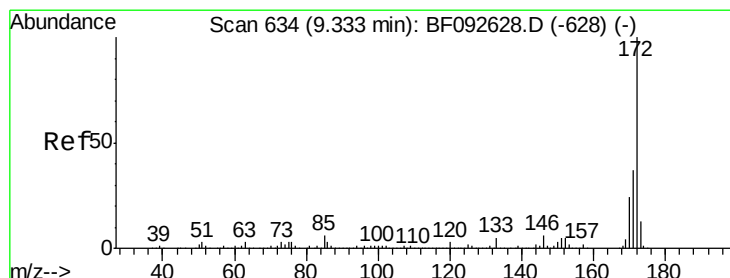
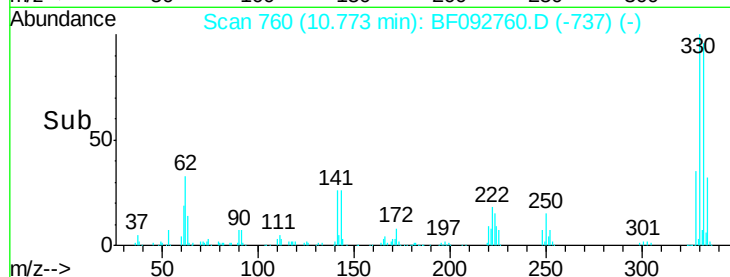
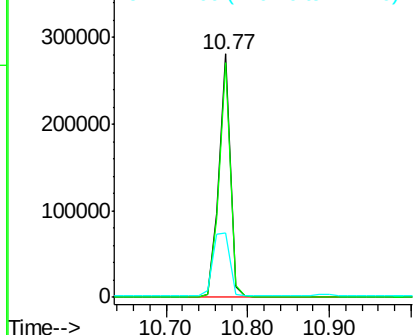
#41
 2,4,6-Tribromophenol
 Concen: 117.67 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092760.D
 Acq: 3 Feb 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion: 330 Resp: 274846
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 38.8 34.1 51.1

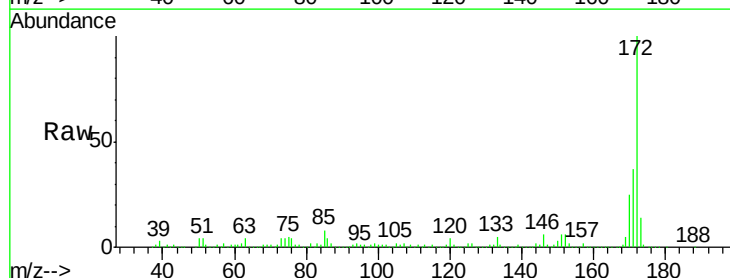


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

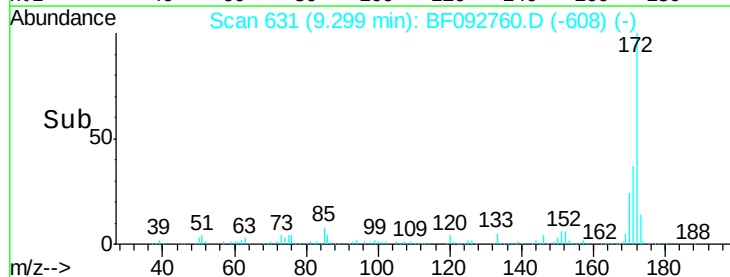
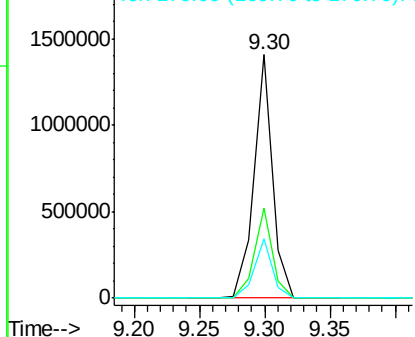


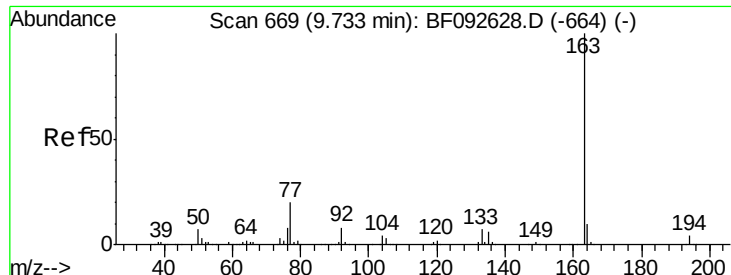
#44
 2-Fluorobiphenyl
 Concen: 78.76 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092760.D
 Acq: 3 Feb 2017 2:43

Tgt Ion: 172 Resp: 1403910
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.5 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

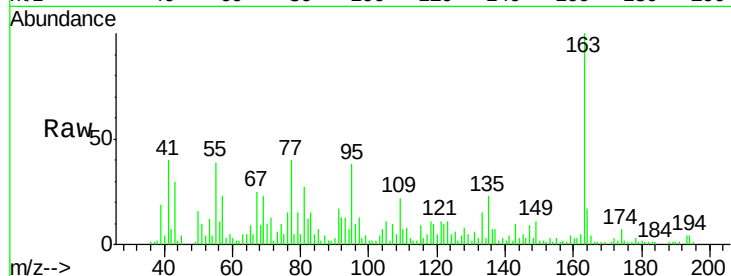




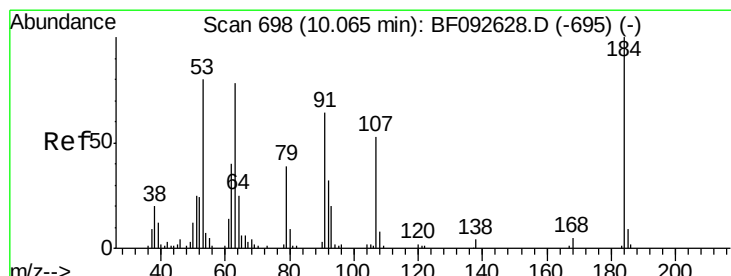
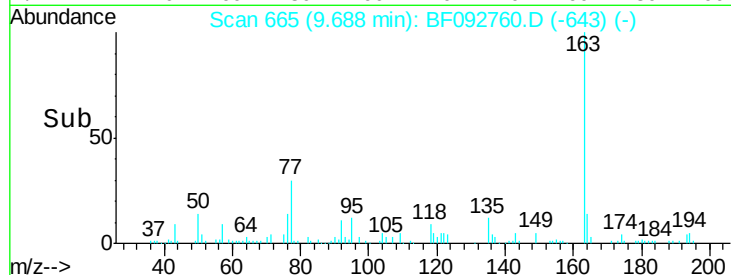
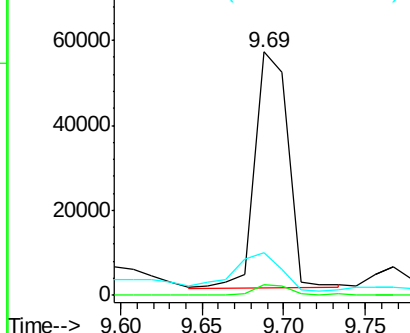
#49
Dimethylphthalate
Concen: 3.59 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092760.D
Acq: 3 Feb 2017 2:43

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:163 Resp: 78066
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 17.5 8.0 12.0#

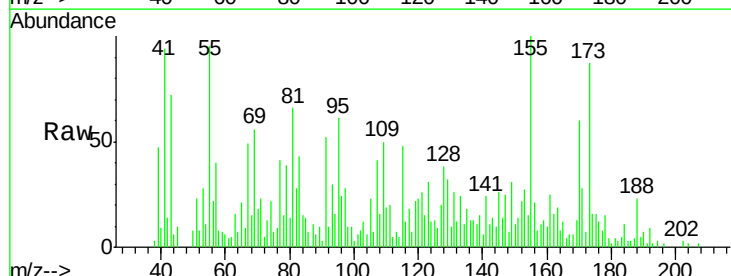


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

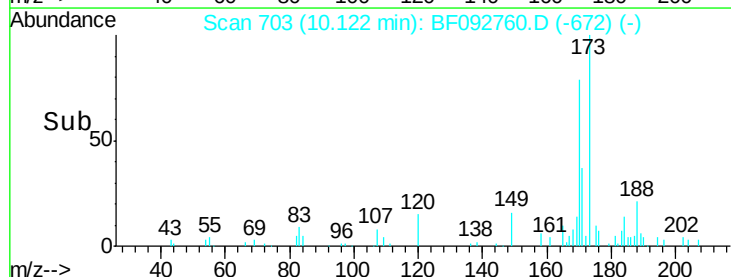
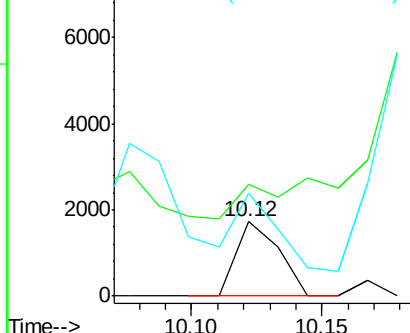


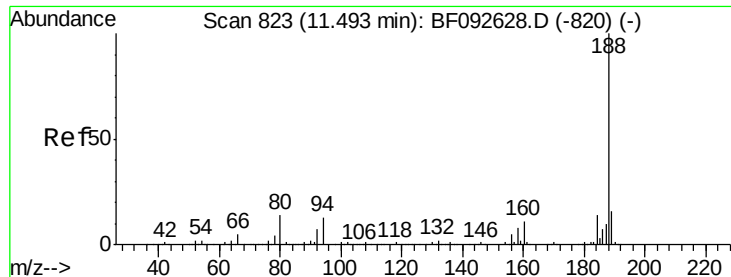
#53
2,4-Dinitrophenol
Concen: 5.51 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.06 min
Lab File: BF092760.D
Acq: 3 Feb 2017 2:43

Tgt Ion:184 Resp: 1964
Ion Ratio Lower Upper
184 100
63 151.5 28.4 42.6#
154 139.4 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

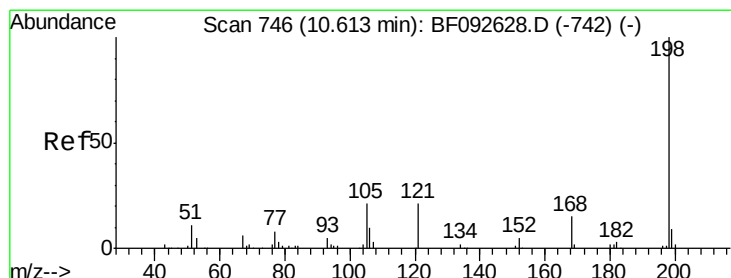
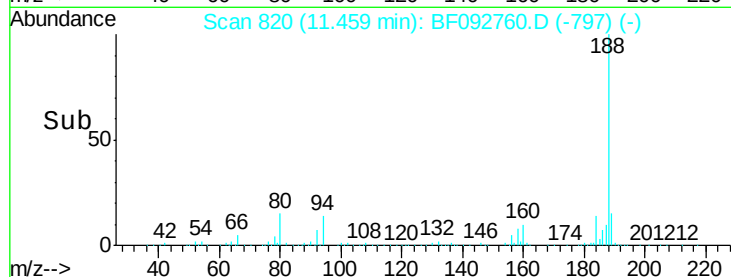
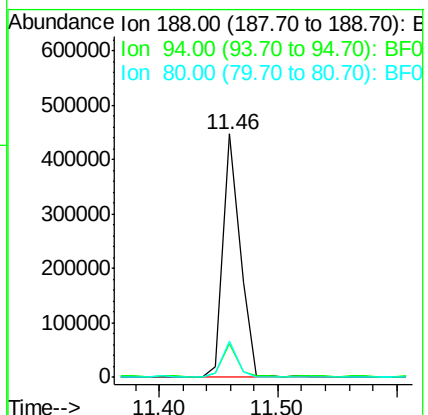
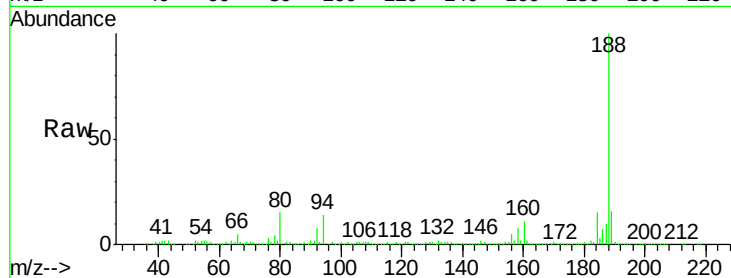




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092760.D
Acq: 3 Feb 2017 2:43

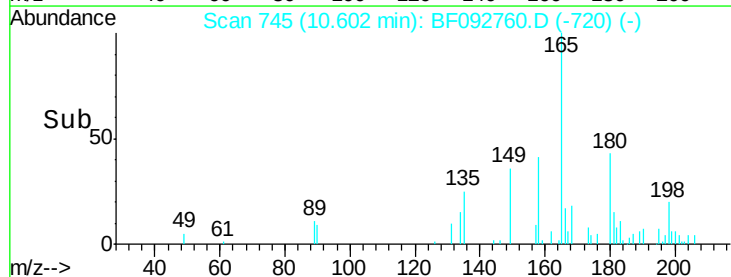
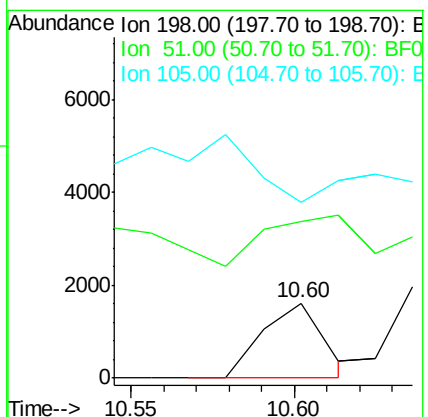
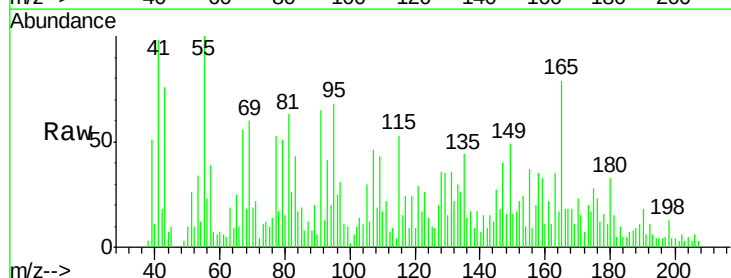
Instrument :
BNA_F
ClientSampled :
MW-01

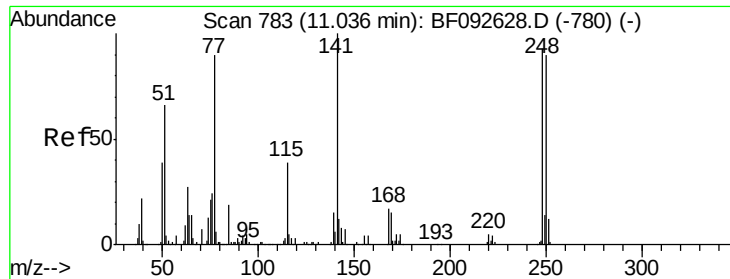
Tgt Ion:188 Resp: 444137
Ion Ratio Lower Upper
188 100
94 14.0 10.0 15.0
80 15.1 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 3.40 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092760.D
Acq: 3 Feb 2017 2:43

Tgt Ion:198 Resp: 2086
Ion Ratio Lower Upper
198 100
51 209.9 6.7 46.7#
105 234.4 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 4.40 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

Instrument :

BNA_F

ClientSampled :

MW-01

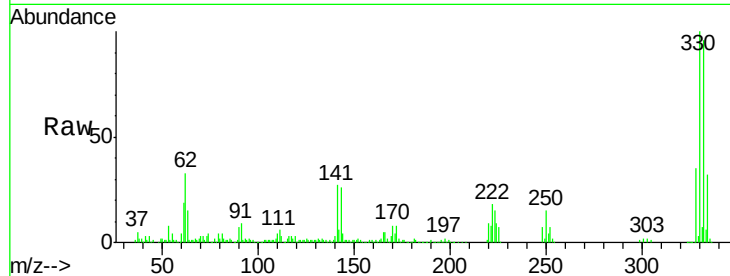
Tgt Ion:248 Resp: 20435

Ion Ratio Lower Upper

248 100

250 208.8 76.9 115.3#

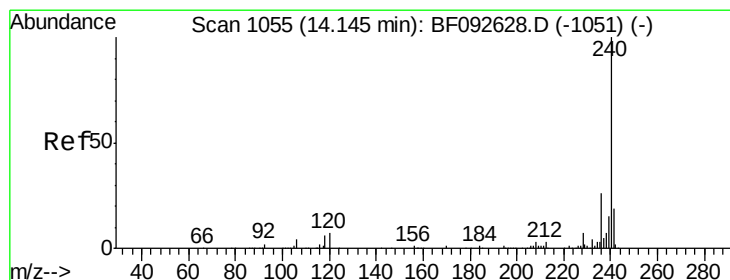
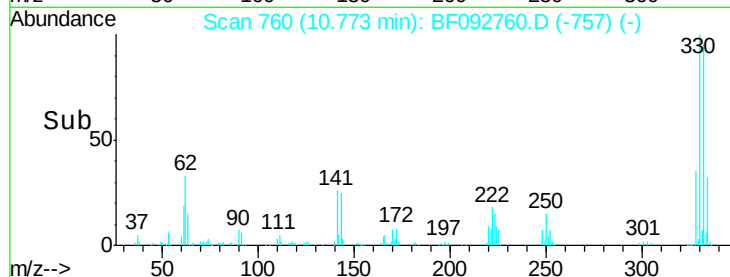
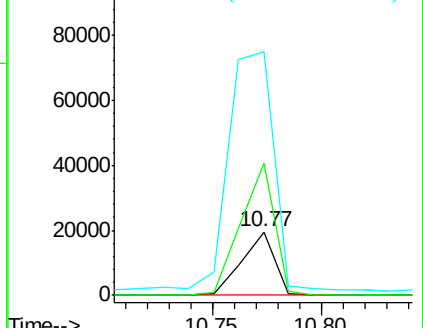
141 382.6 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

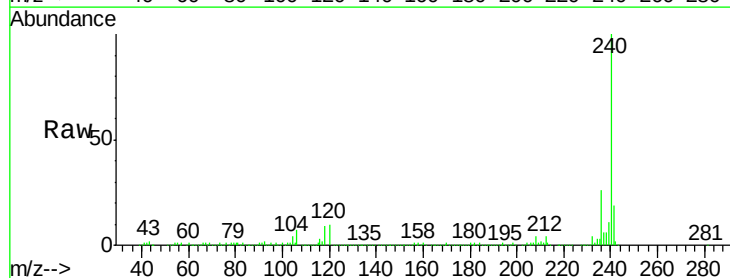
Tgt Ion:240 Resp: 305512

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

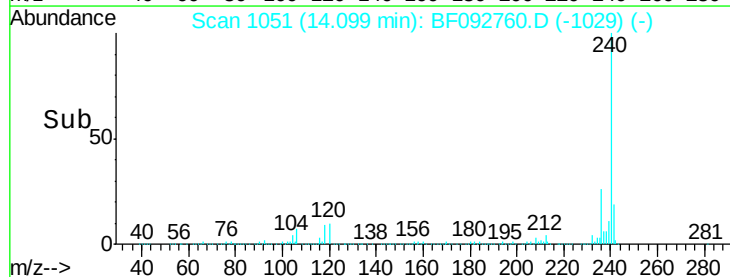
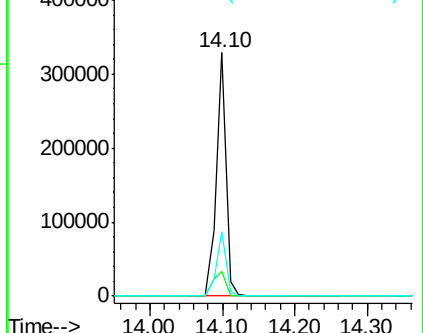
236 26.3 20.9 31.3

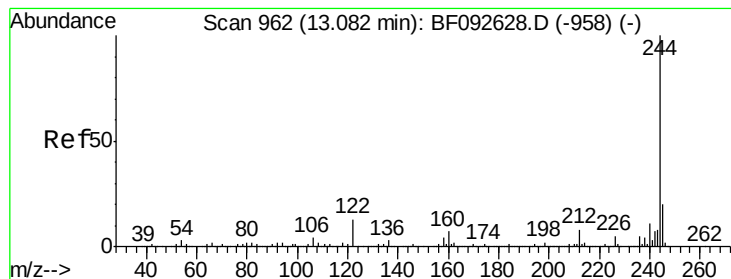


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.90 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

Instrument :

BNA_F

ClientSampled :

MW-01

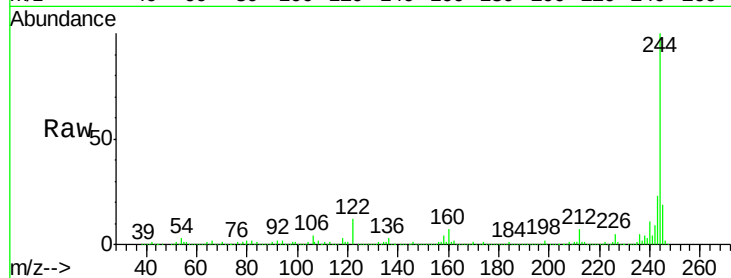
Tgt Ion:244 Resp: 960847

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

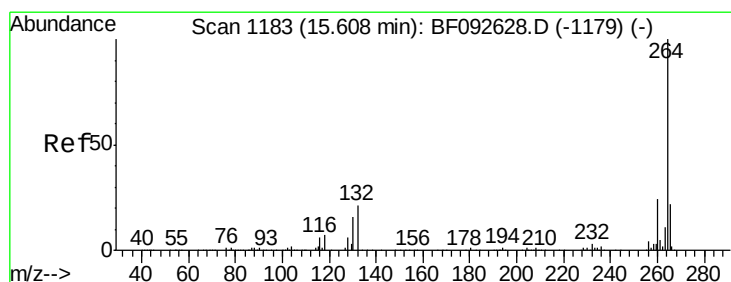
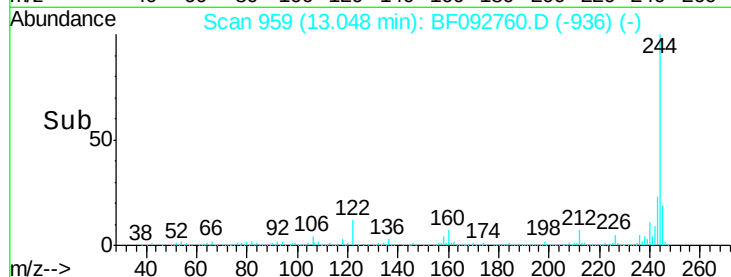
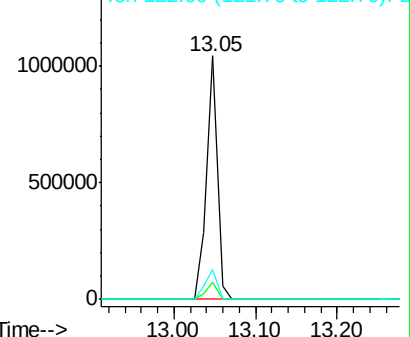
122 12.2 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092760.D

Acq: 3 Feb 2017 2:43

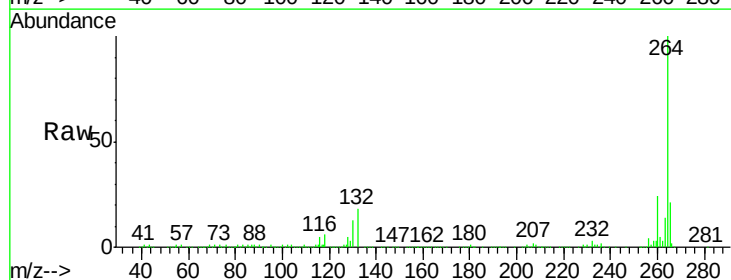
Tgt Ion:264 Resp: 314194

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 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

