

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092763.D
 Acq On : 3 Feb 2017 7:29
 Operator : SJ/MA
 Sample : I1646-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Feb 03 07:57:37 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

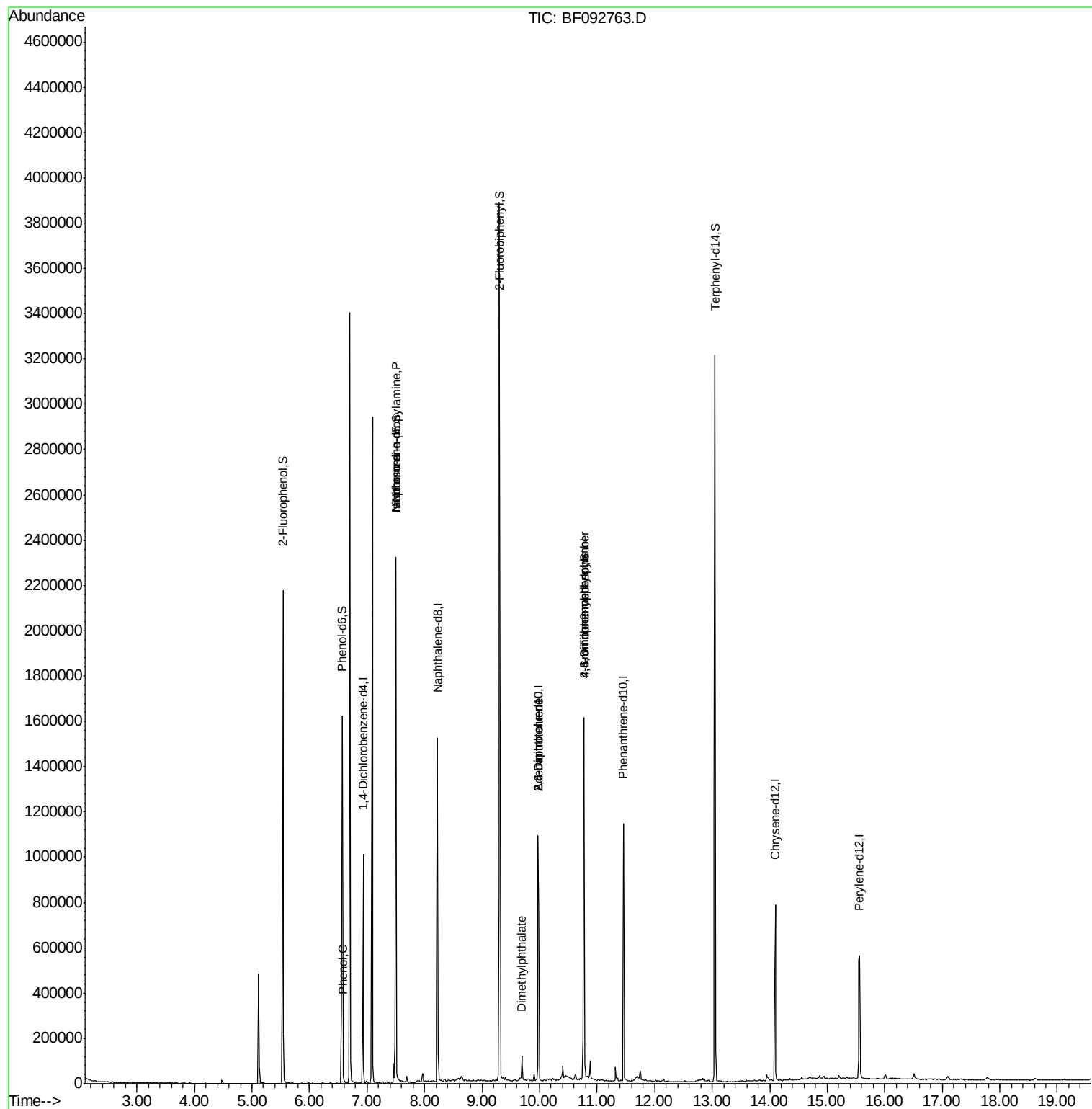
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	148546	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	656529	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	314989	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	409836	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	329678	20.00	ng	-0.05
86) Perylene-d12	15.56	264	310234	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	573075	66.19	ng	-0.03
7) Phenol-d6	6.57	99	494645	44.40	ng	-0.03
23) Nitrobenzene-d5	7.50	82	909532	77.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	277957	122.01	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1561140	89.79	ng	-0.03
78) Terphenyl-d14	13.05	244	1018333	72.58	ng	-0.03
Target Compounds						
10) Phenol	6.58	94	26171	2.01	ng	# 72
19) n-Nitroso-di-n-propylamine	7.50	70	121948	17.20	ng	# 78
25) Isophorone	7.50	82	865766	39.41	ng	# 65
49) Dimethylphthalate	9.69	163	50701	2.39	ng	# 96
50) 2,6-Dinitrotoluene	9.97	165	40411	8.82	ng	# 30
56) 2,4-Dinitrotoluene	9.97	165	40404	6.62	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.77	198	727	2.94	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	21284	4.97	ng	# 1

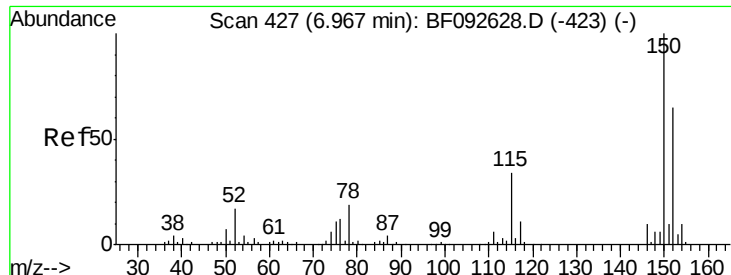
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092763.D

Acq: 3 Feb 2017 7:29

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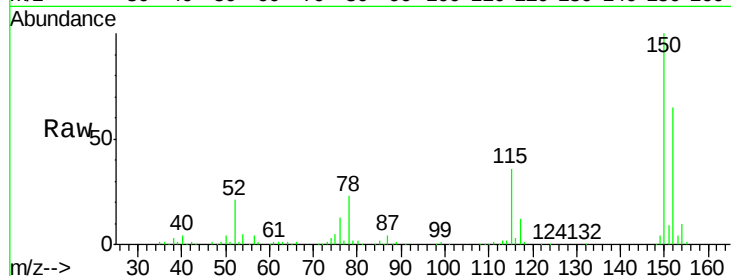
Tgt Ion:152 Resp: 148546

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

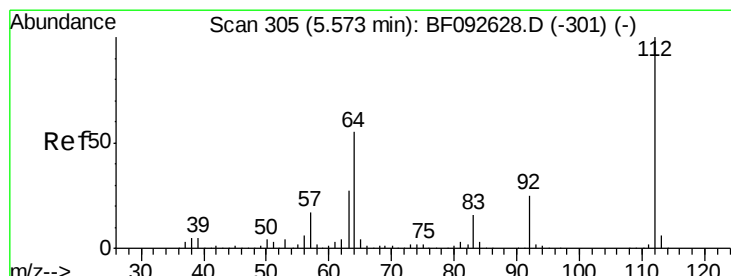
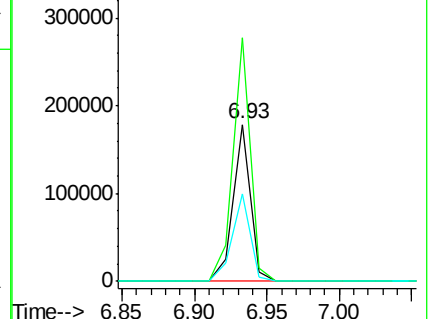
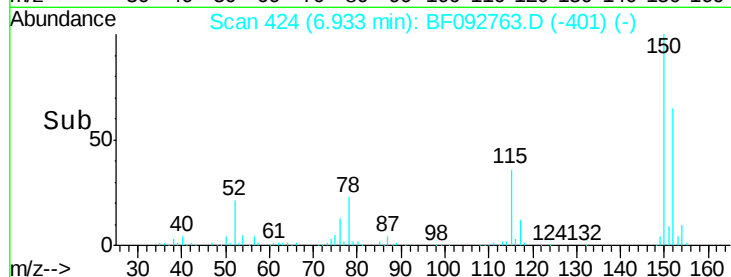
115 55.8 46.0 69.0



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: 66.19 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

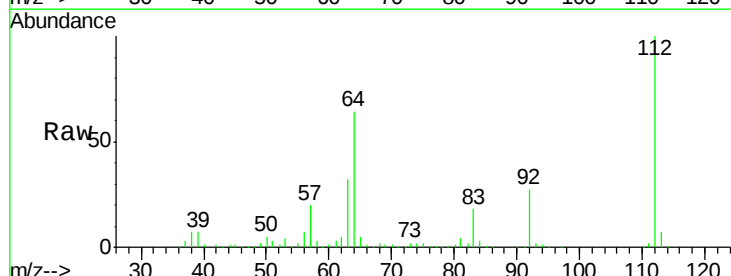
Tgt Ion:112 Resp: 573075

Ion Ratio Lower Upper

112 100

64 63.7 46.1 69.1

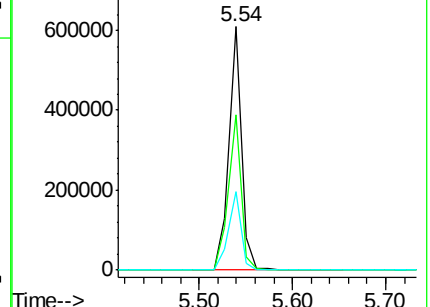
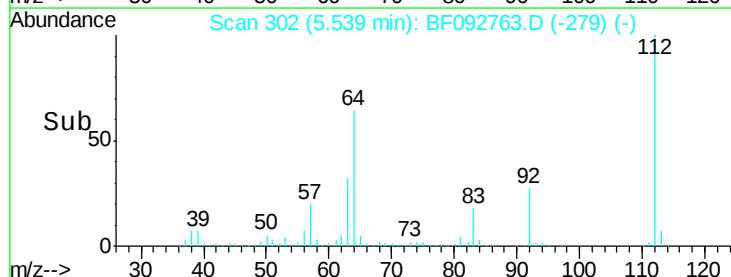
63 32.0 23.8 35.6



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: 44.40 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

Instrument :

BNA_F

ClientSampleId :

MW-04

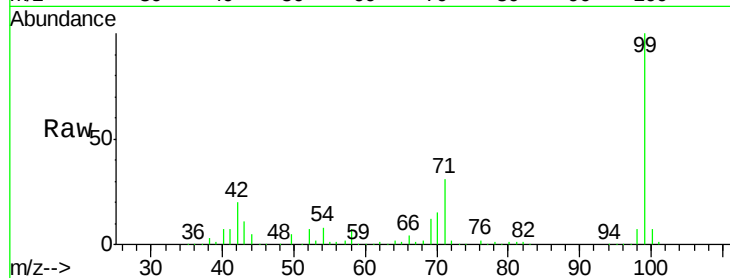
Tgt Ion: 99 Resp: 494645

Ion Ratio Lower Upper

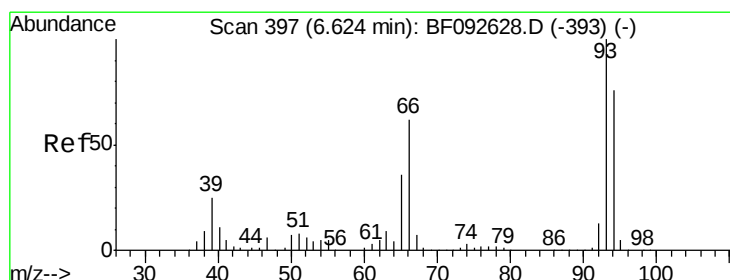
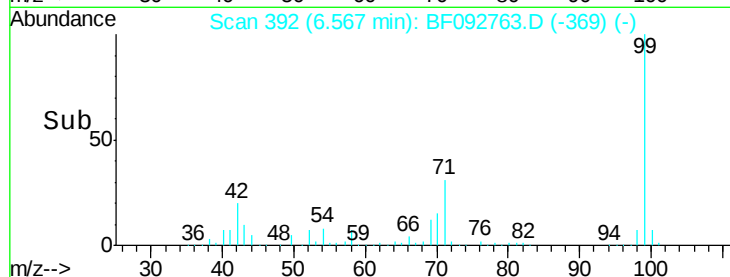
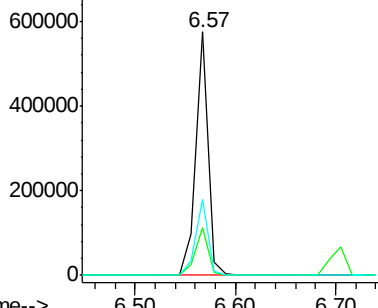
99 100

42 19.8 15.6 23.4

71 31.4 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: 2.01 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

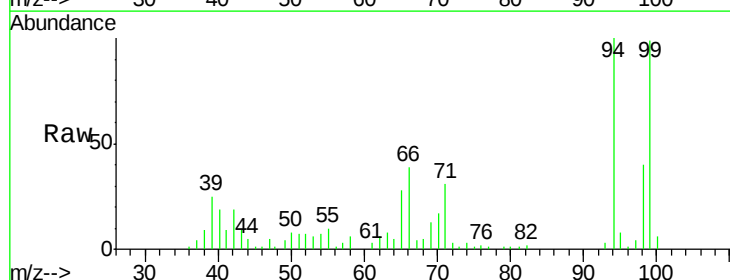
Tgt Ion: 94 Resp: 26171

Ion Ratio Lower Upper

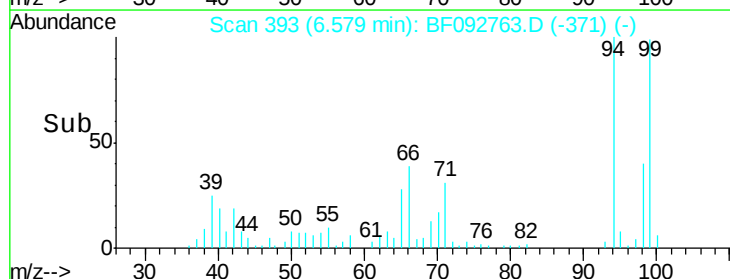
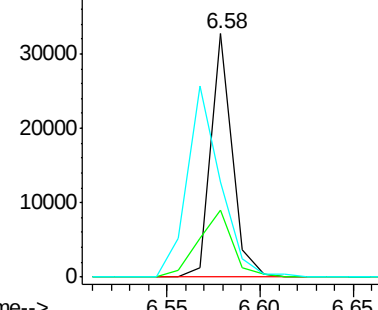
94 100

65 27.8 21.4 61.4

66 39.1 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

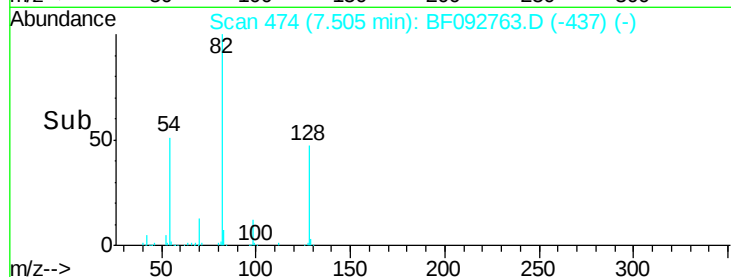
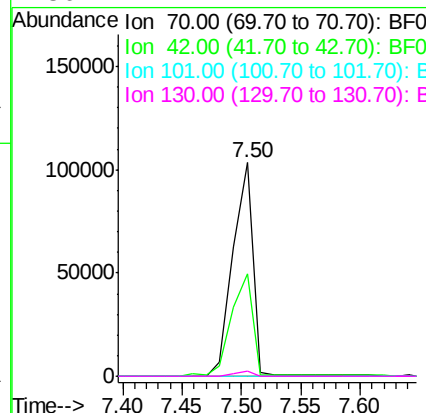
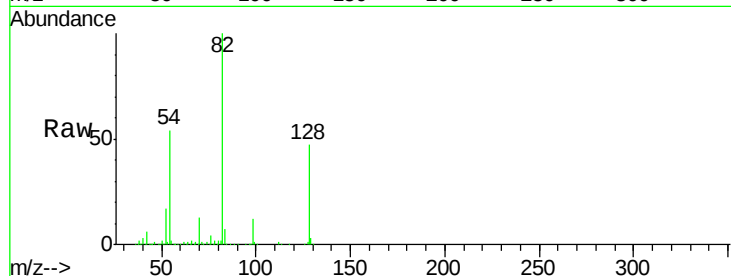




#19
n-Nitroso-di-n-propylamine
Concen: 17.20 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

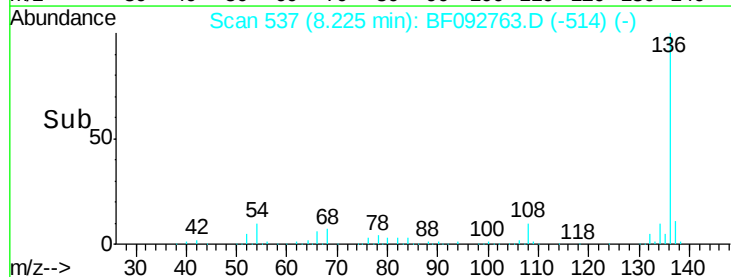
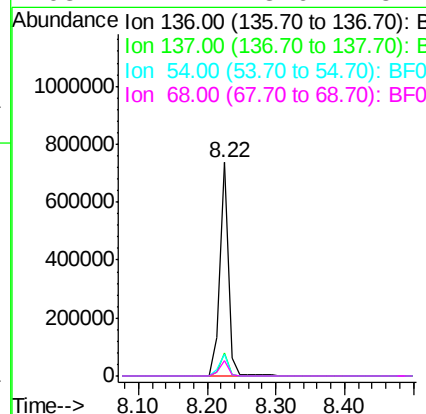
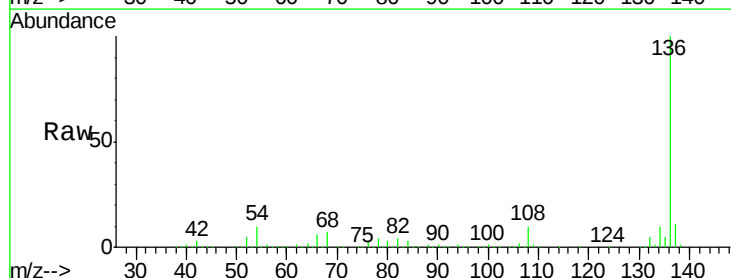
Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 70 Resp: 121948
Ion Ratio Lower Upper
70 100
42 47.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

Tgt Ion: 136 Resp: 656529
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 10.2 4.5 6.7#
68 7.2 3.6 5.4#

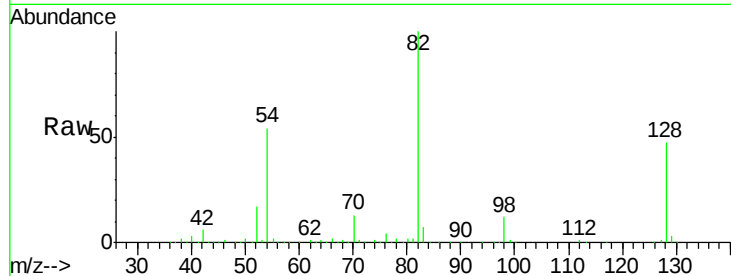




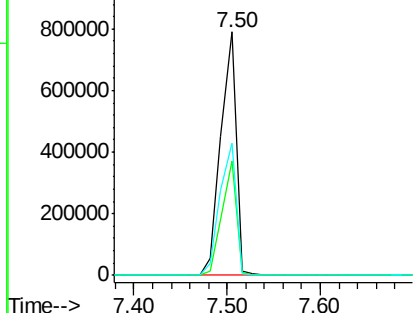
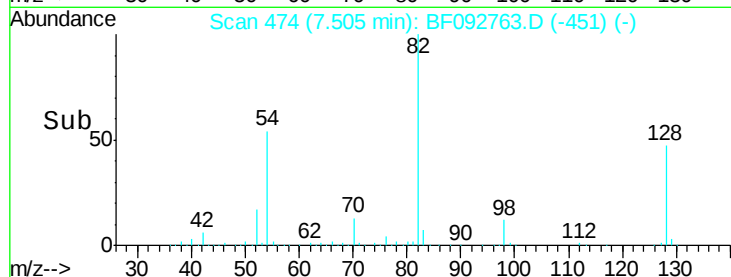
#23
 Nitrobenzene-d5
 Concen: 77.15 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Instrument :
 BNA_F
 ClientSampled :
 MW-04

Tgt Ion: 82 Resp: 909532
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.6 52.0
 54 54.3 39.5 59.3

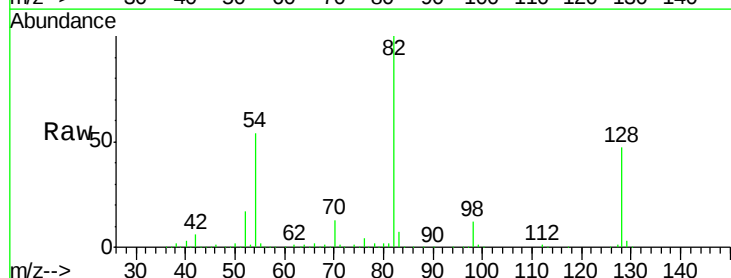


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

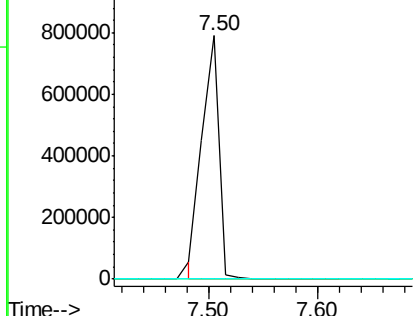
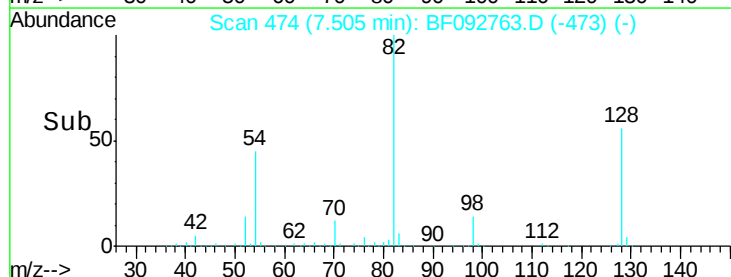


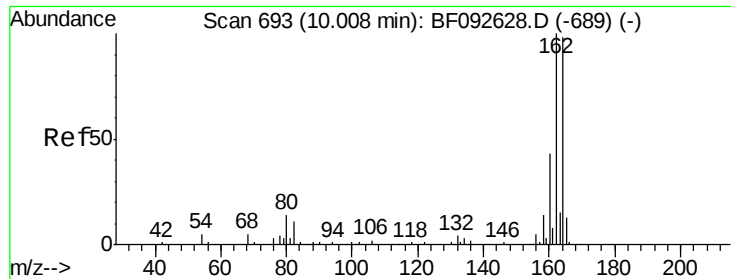
#25
 Isophorone
 Concen: 39.41 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Tgt Ion: 82 Resp: 865766
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

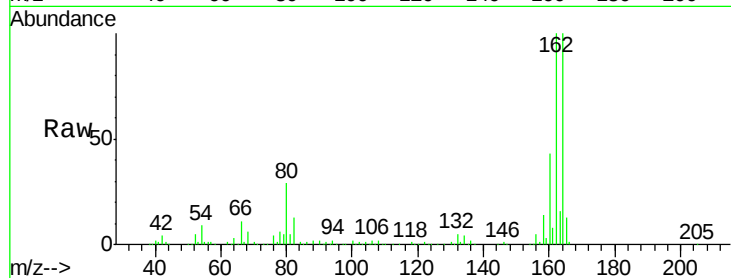




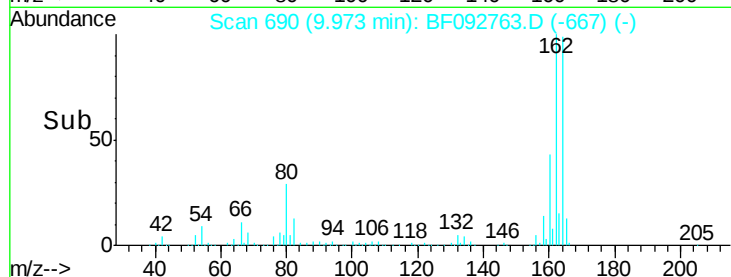
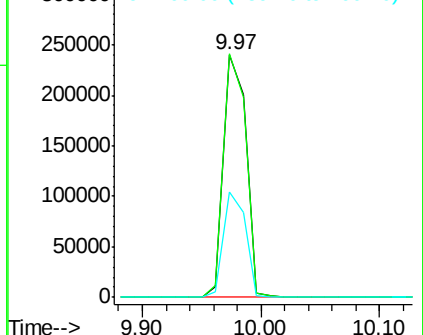
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

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BNA_F
ClientSampleId :
MW-04

Tgt Ion:164 Resp: 314989
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 43.6 36.9 55.3

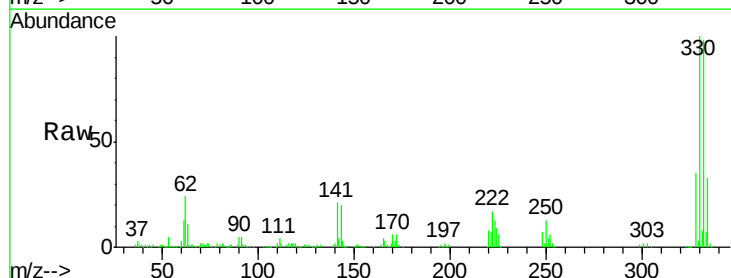


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

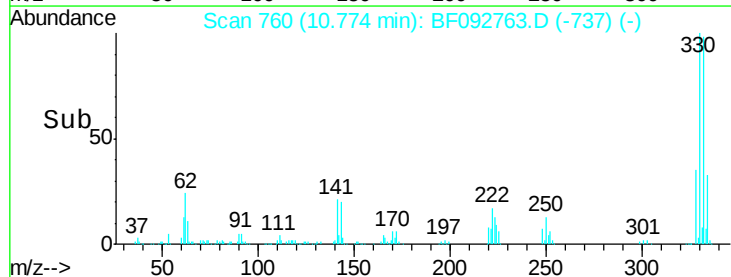
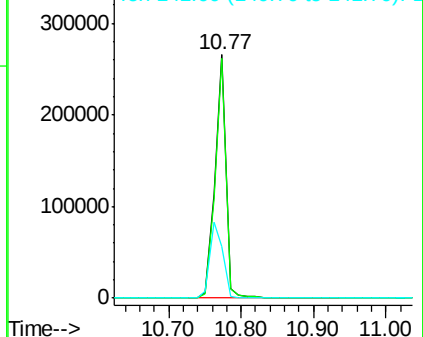


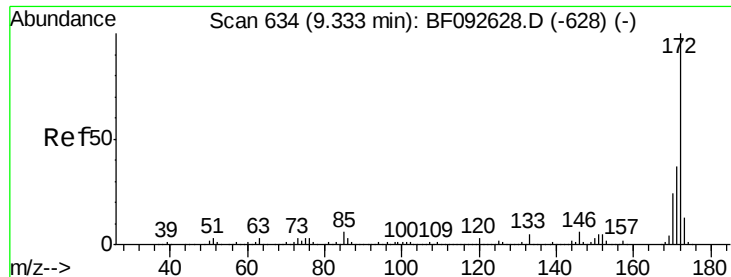
#41
2,4,6-Tribromophenol
Concen: 122.01 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

Tgt Ion:330 Resp: 277957
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 37.6 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

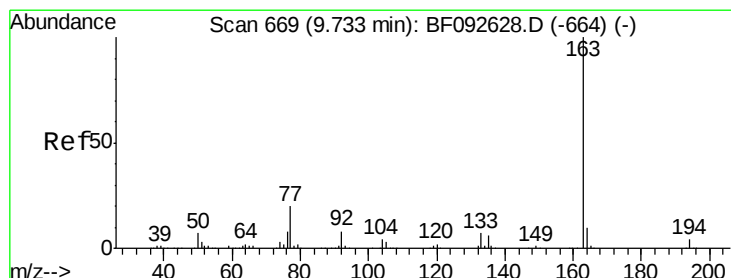
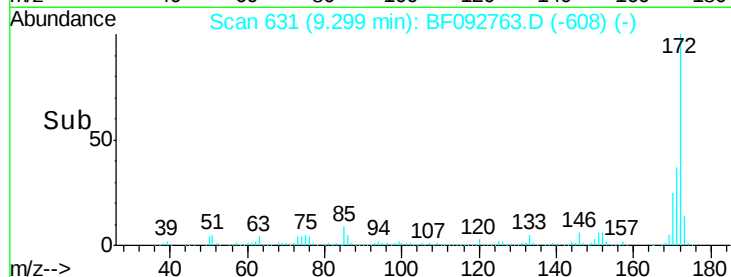
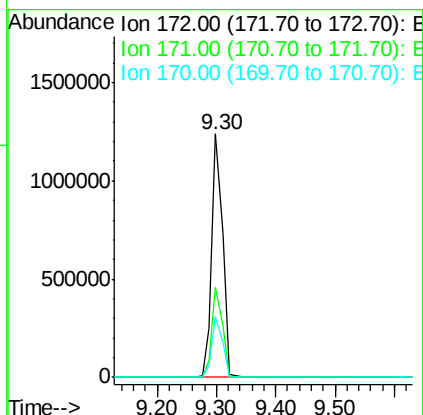
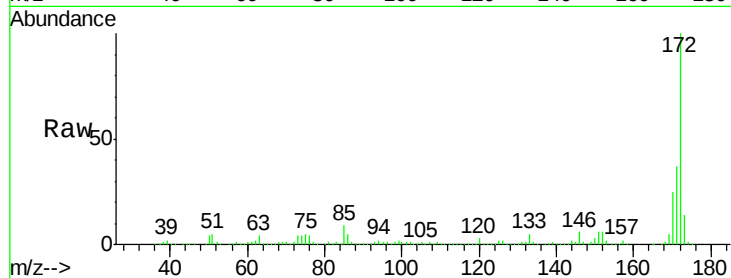




#44
2-Fluorobiphenyl
Concen: 89.79 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

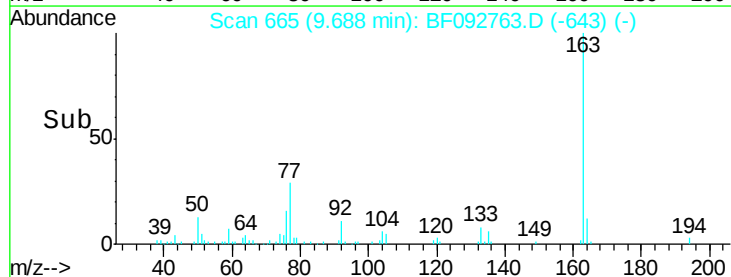
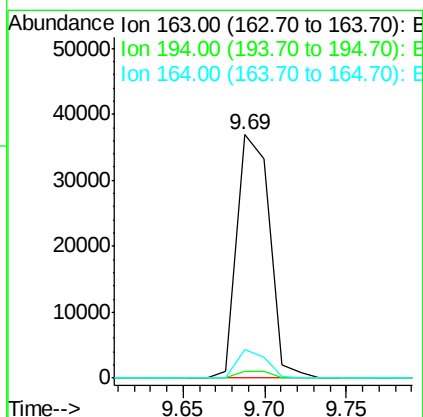
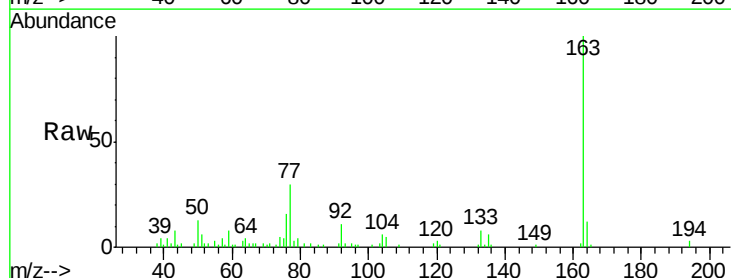
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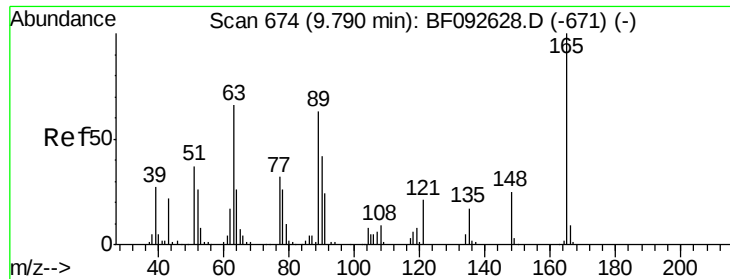
Tgt Ion:172 Resp: 1561140
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.6 20.2 30.4



#49
Dimethylphthalate
Concen: 2.39 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092763.D
Acq: 3 Feb 2017 7:29

Tgt Ion:163 Resp: 50701
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 11.5 8.0 12.0

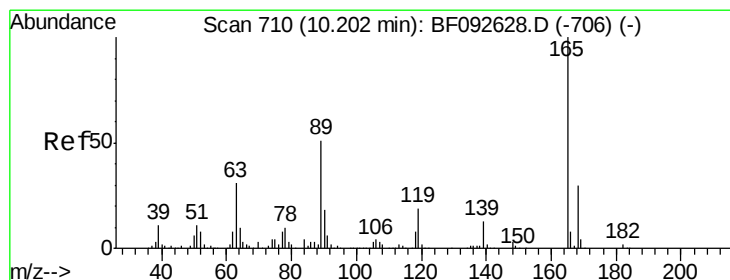
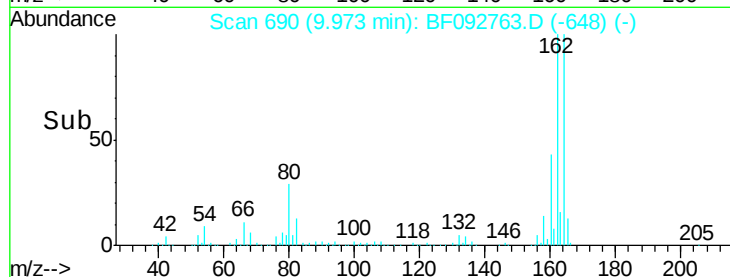
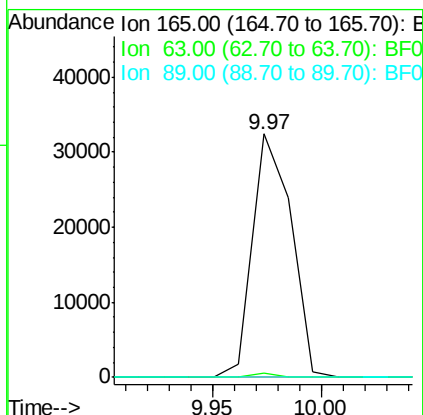
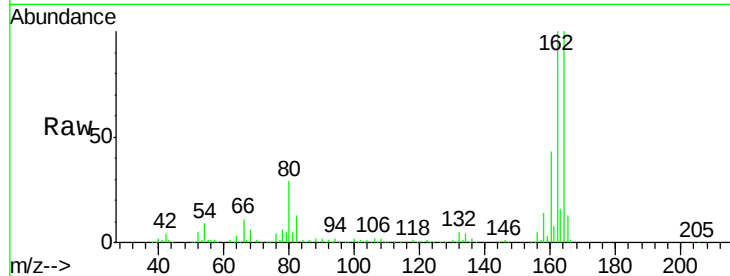




#50
 2,6-Dinitrotoluene
 Concen: 8.82 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.18 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

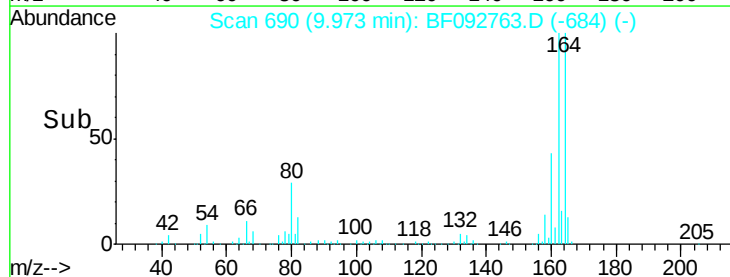
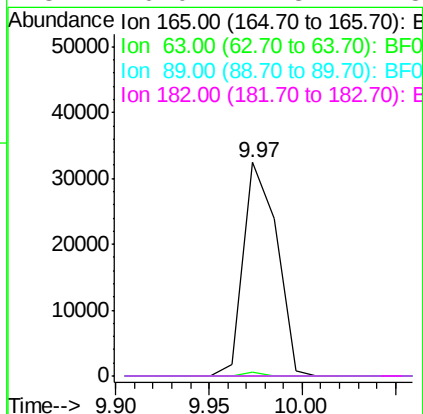
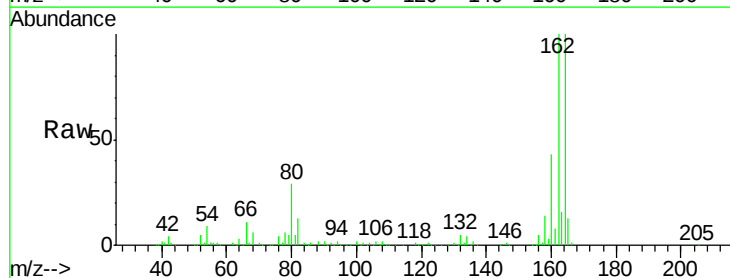
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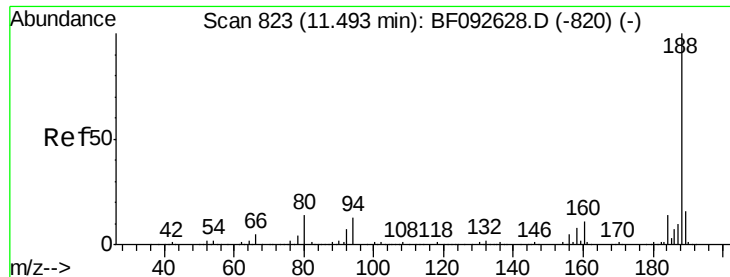
Tgt Ion:165 Resp: 40411
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.2 54.4#
 89 0.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Tgt Ion:165 Resp: 40404
 Ion Ratio Lower Upper
 165 100
 63 1.9 40.2 60.4#
 89 0.0 62.5 93.7#
 182 0.0 1.8 2.8#

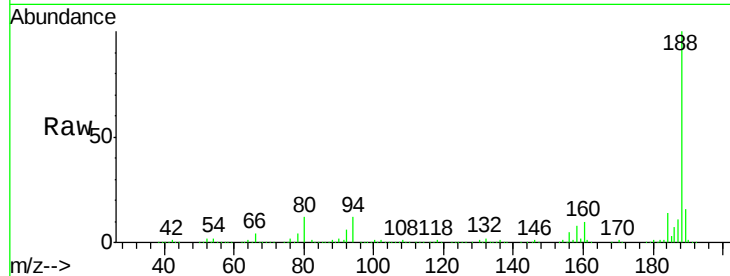




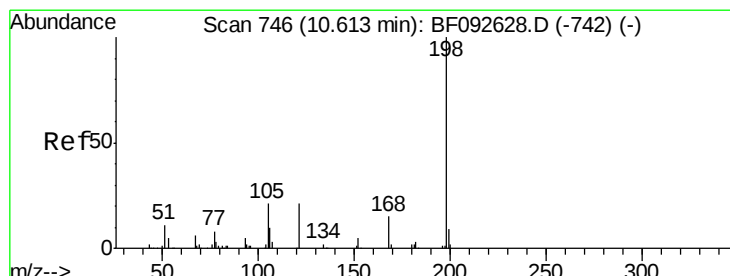
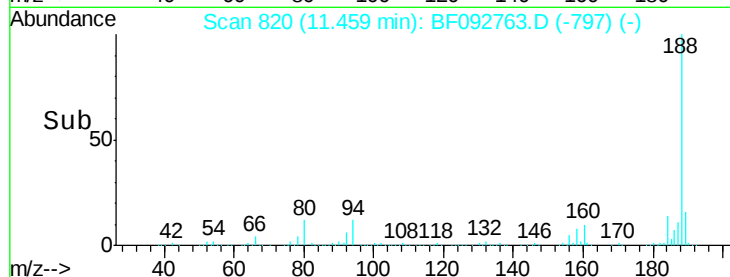
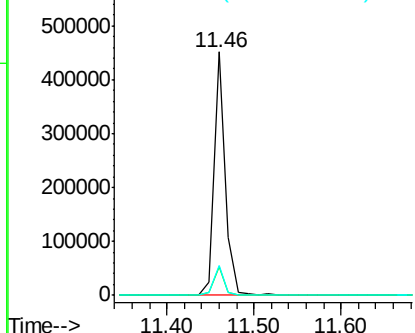
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Instrument :
 BNA_F
 ClientSampled :
 MW-04

Tgt Ion:188 Resp: 409836
 Ion Ratio Lower Upper
 188 100
 94 11.7 10.0 15.0
 80 12.3 11.2 16.8

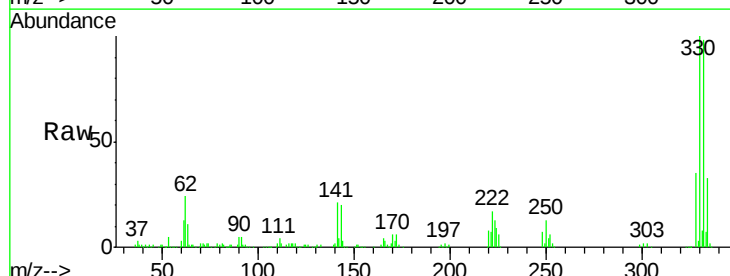


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

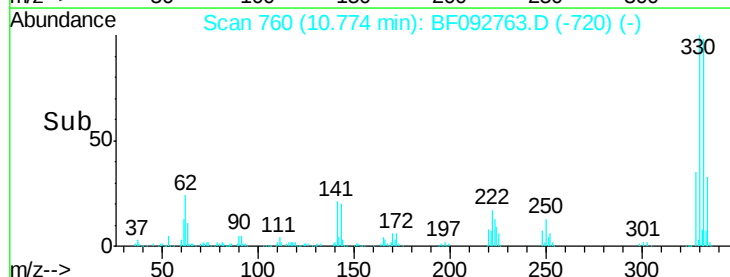
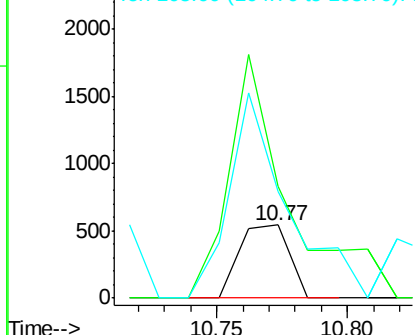


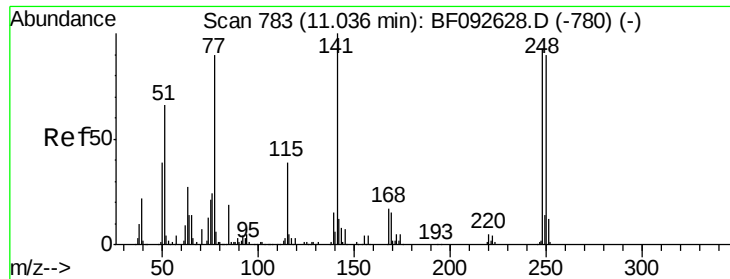
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.94 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.16 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Tgt Ion:198 Resp: 727
 Ion Ratio Lower Upper
 198 100
 51 152.2 6.7 46.7#
 105 145.2 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

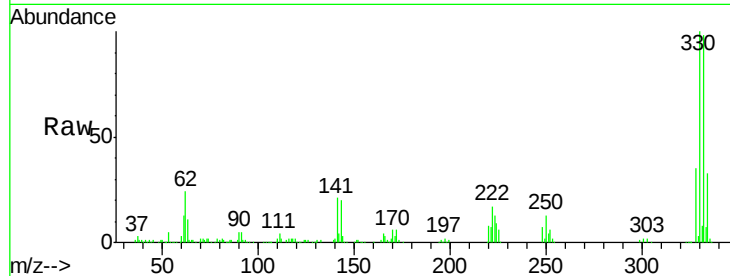




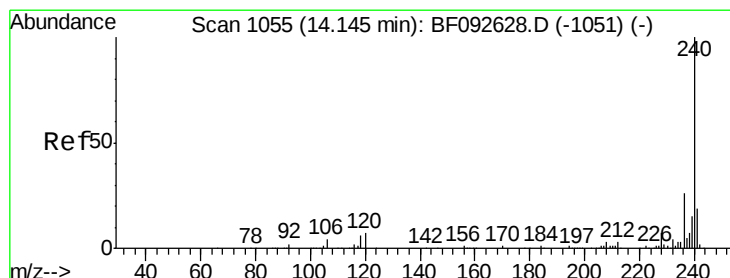
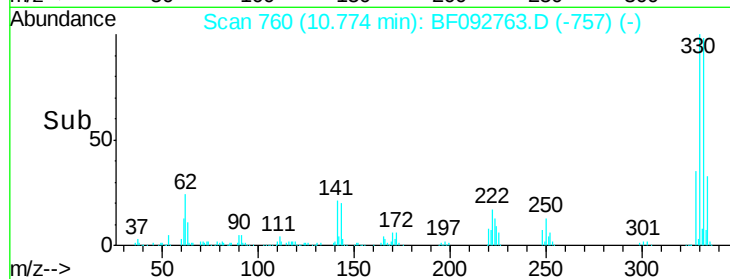
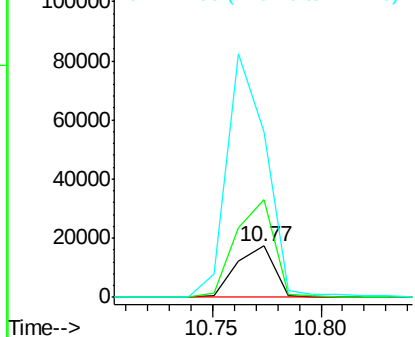
#66
 4-Bromophenyl-phenylether
 Concen: 4.97 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:248 Resp: 21284
 Ion Ratio Lower Upper
 248 100
 250 192.1 76.9 115.3#
 141 324.2 68.2 102.4#

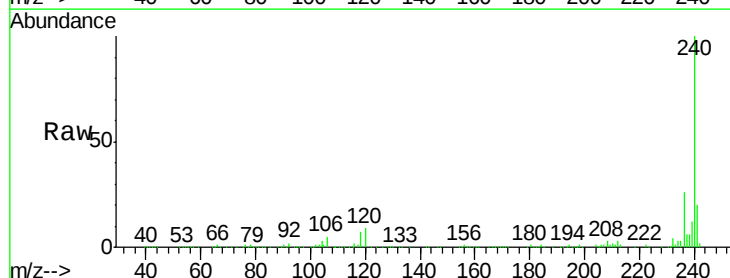


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

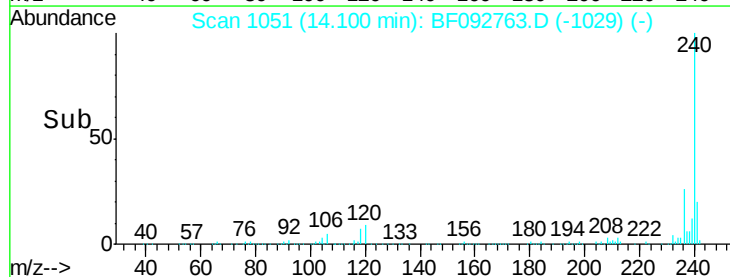
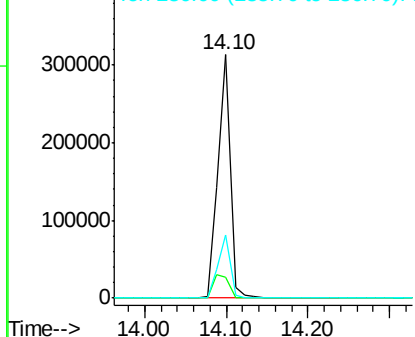


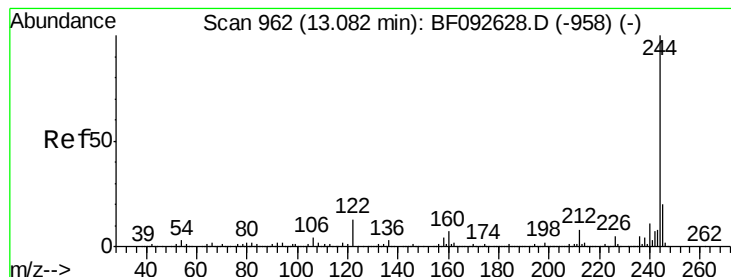
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.05 min
 Lab File: BF092763.D
 Acq: 3 Feb 2017 7:29

Tgt Ion:240 Resp: 329678
 Ion Ratio Lower Upper
 240 100
 120 8.8 12.9 19.3#
 236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.58 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092763.D

Acq: 3 Feb 2017 7:29

Instrument :

BNA_F

ClientSampleId :

MW-04

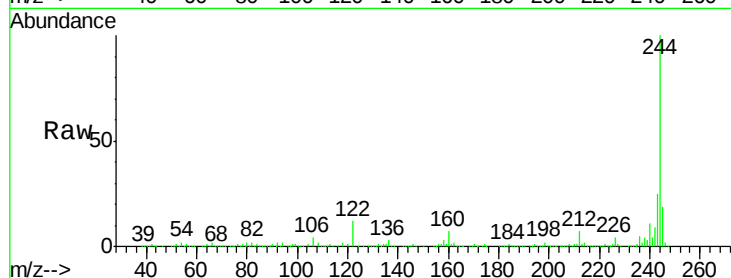
Tgt Ion:244 Resp: 1018333

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

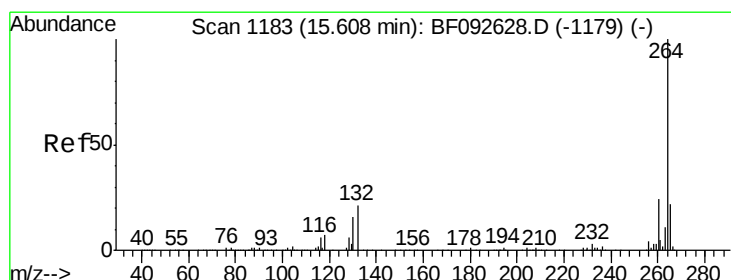
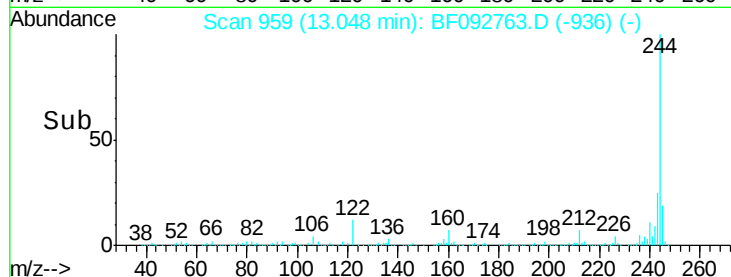
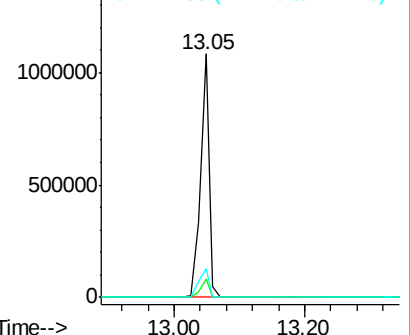
122 11.5 11.4 17.2



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: BF092763.D

Acq: 3 Feb 2017 7:29

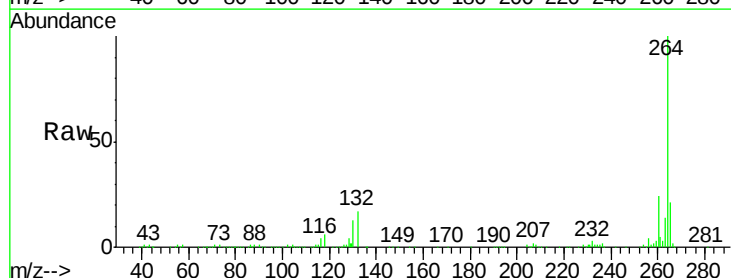
Tgt Ion:264 Resp: 310234

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.7 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

