

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092764.D
 Acq On : 3 Feb 2017 7:58
 Operator : SJ/MA
 Sample : I1647-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Feb 03 08:26:45 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

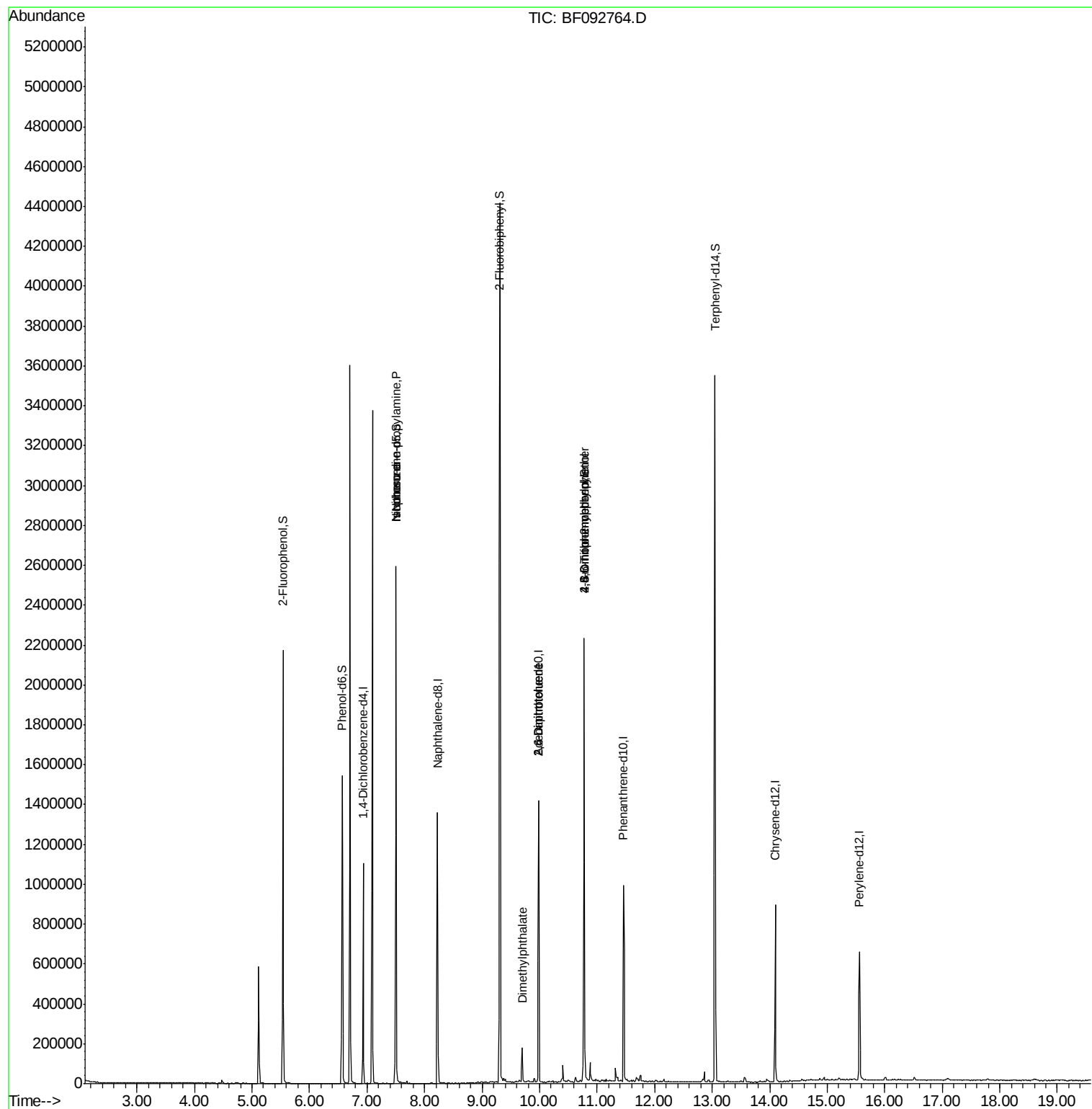
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	154301	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	592931	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	341908	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	471579	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	318512	20.00	ng	-0.05
86) Perylene-d12	15.56	264	314916	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	566351	62.97	ng	-0.03
7) Phenol-d6	6.57	99	468835	40.51	ng	-0.03
23) Nitrobenzene-d5	7.50	82	945591	88.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	270674	109.46	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1746115	92.52	ng	-0.02
78) Terphenyl-d14	13.05	244	1085616	80.09	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	125519	17.04	ng	# 79
25) Isophorone	7.50	82	922439	46.49	ng	# 65
49) Dimethylphthalate	9.70	163	74342	3.23	ng	99
50) 2,6-Dinitrotoluene	9.98	165	42845	8.61	ng	# 31
56) 2,4-Dinitrotoluene	9.98	165	42838	6.47	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.77	198	410	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	21027	4.27	ng	# 1

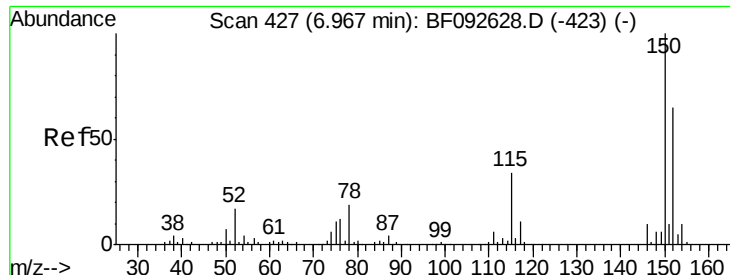
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092764.D

Acq: 3 Feb 2017 7:58

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MW-17

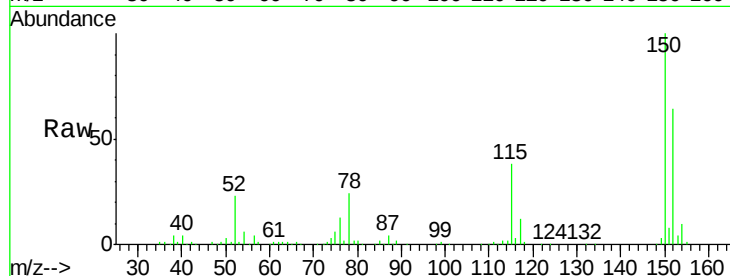
Tgt Ion:152 Resp: 154301

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

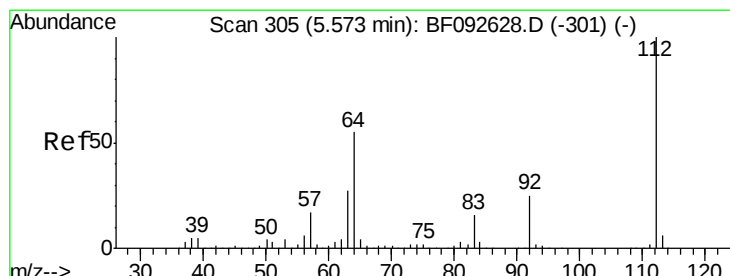
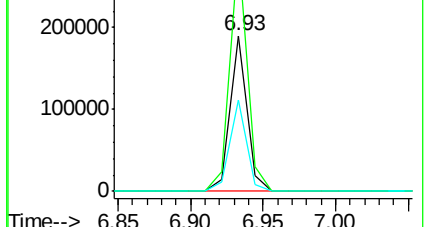
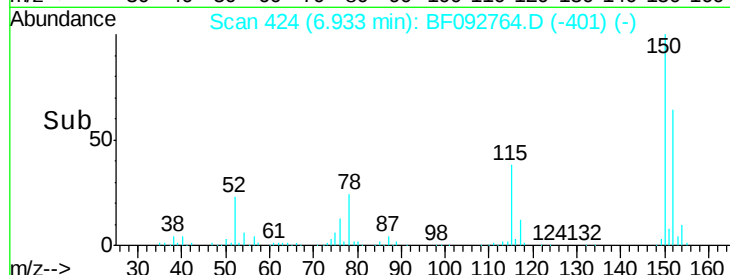
115 59.0 46.0 69.0



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



#5

2-Fluorophenol

Concen: 62.97 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

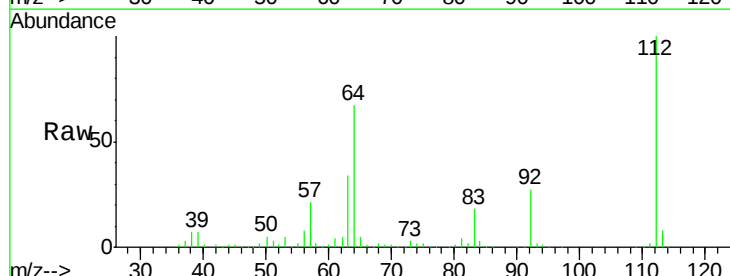
Tgt Ion:112 Resp: 566351

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

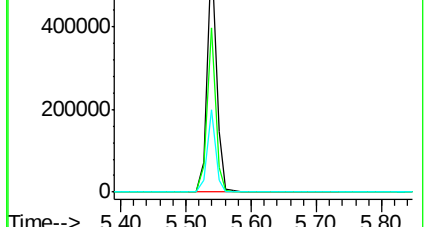
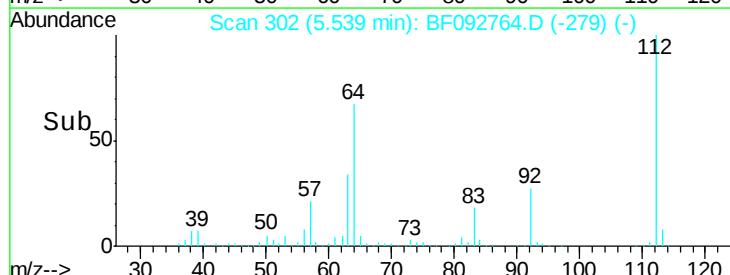
63 33.9 23.8 35.6



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: 40.51 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

Instrument :

BNA_F

ClientSampleId :

MW-17

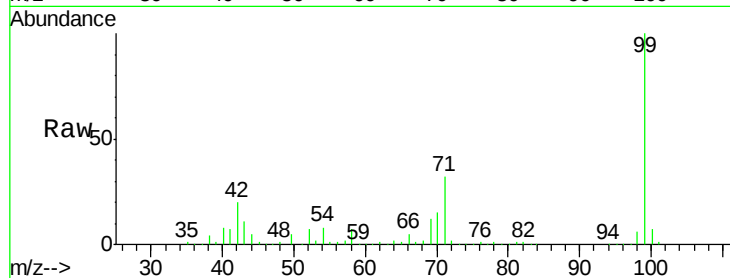
Tgt Ion: 99 Resp: 468835

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

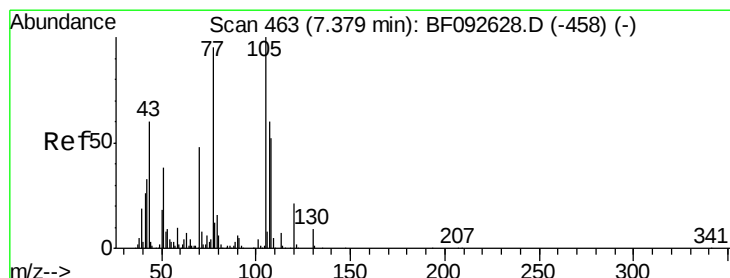
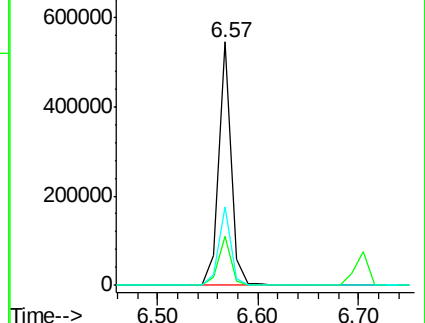
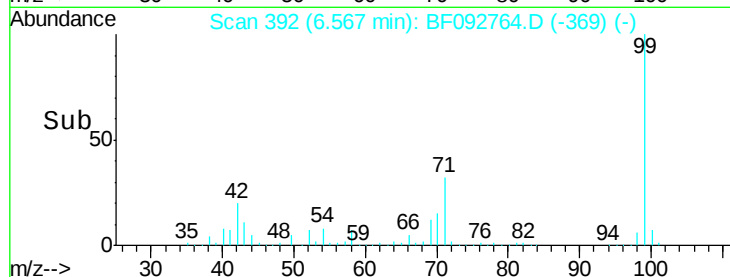
71 32.0 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.04 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

Tgt Ion: 70 Resp: 125519

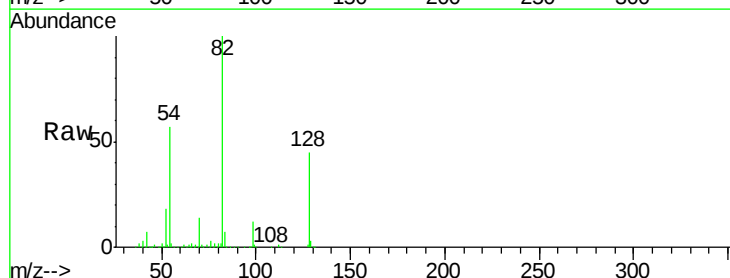
Ion Ratio Lower Upper

70 100

42 49.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

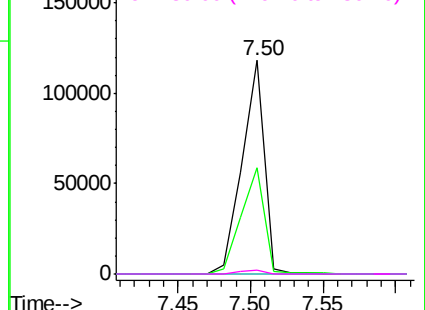
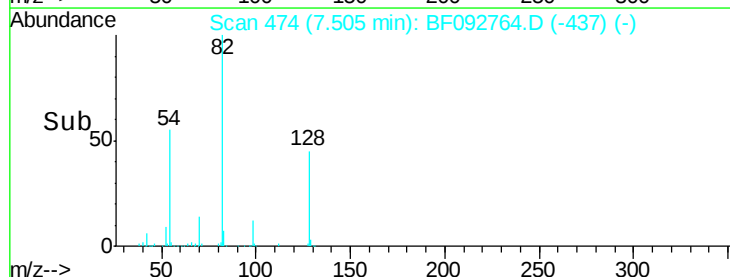


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

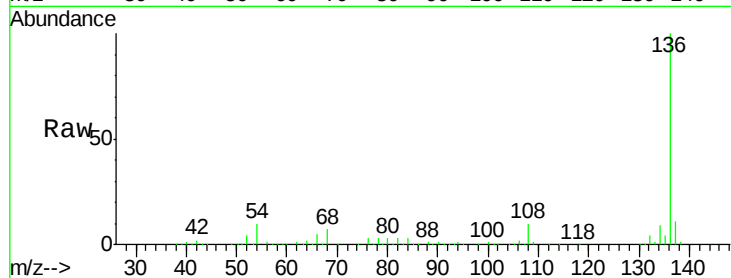




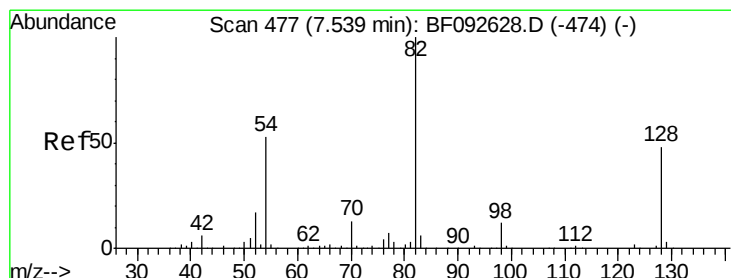
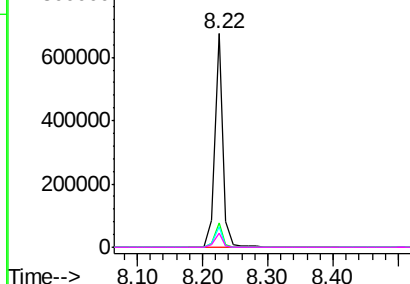
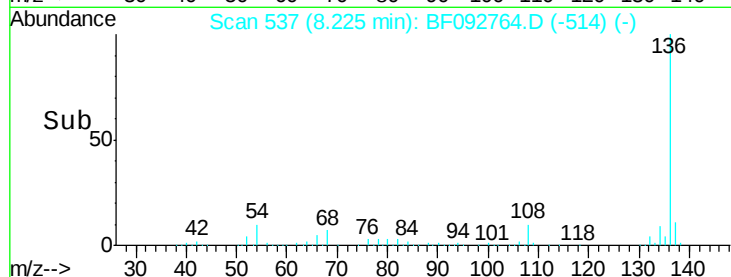
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092764.D
Acq: 3 Feb 2017 7:58

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:	136	Resp:	592931
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	9.7	4.5	6.7#
68	6.6	3.6	5.4#

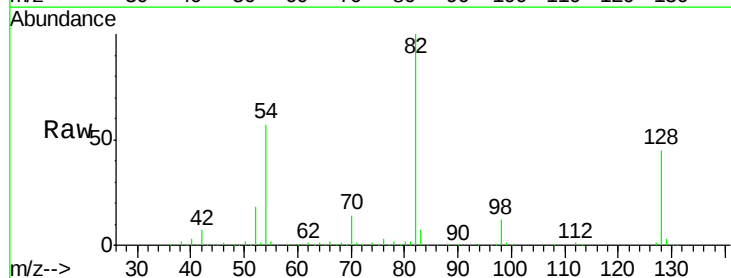


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

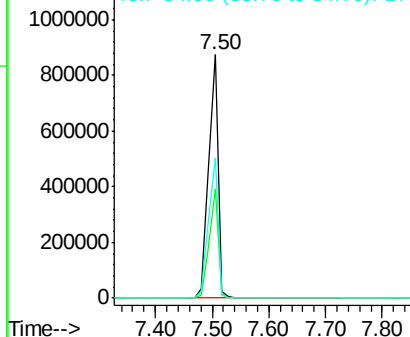
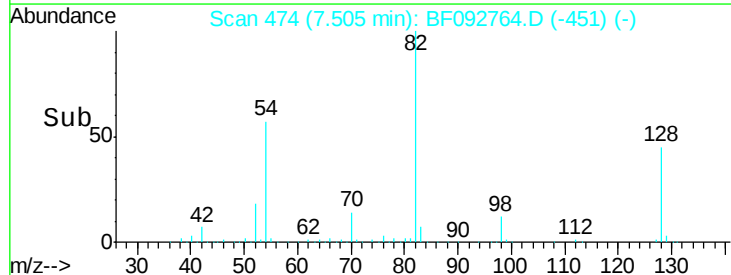


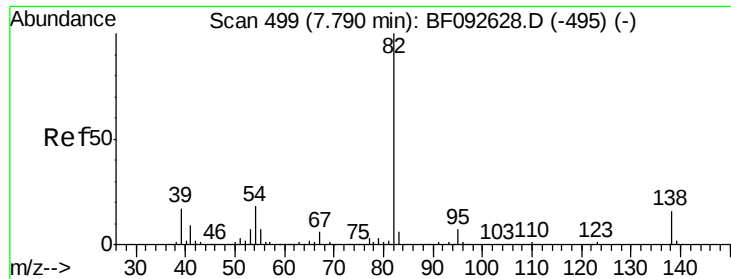
#23
Nitrobenzene-d5
Concen: 88.81 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092764.D
Acq: 3 Feb 2017 7:58

Tgt Ion:	82	Resp:	945591
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.6	52.0
54	57.3	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





#25

Isophorone

Concen: 46.49 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

Instrument :

BNA_F

ClientSampled :

MW-17

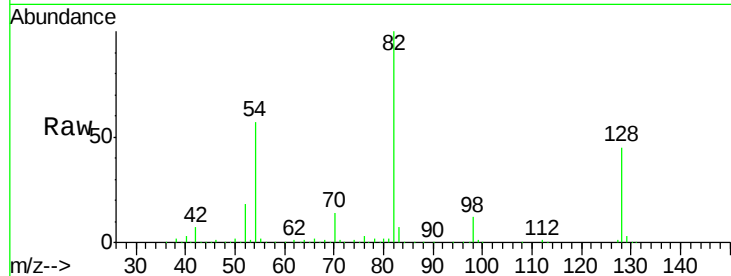
Tgt Ion: 82 Resp: 922439

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

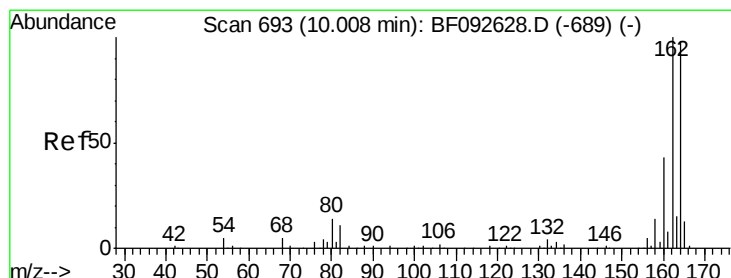
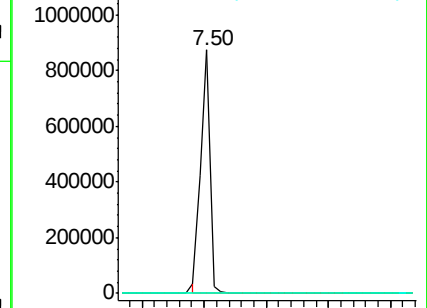
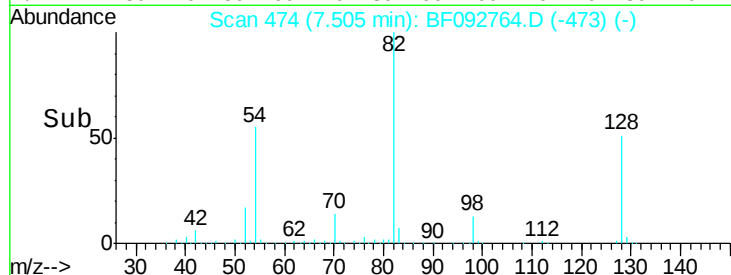
138 0.0 14.6 22.0#



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: 9.98 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

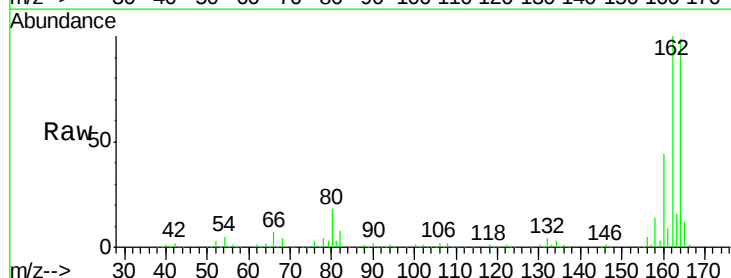
Tgt Ion: 164 Resp: 341908

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

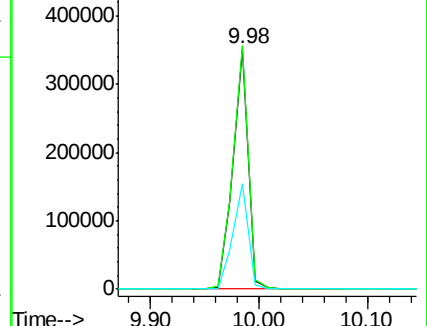
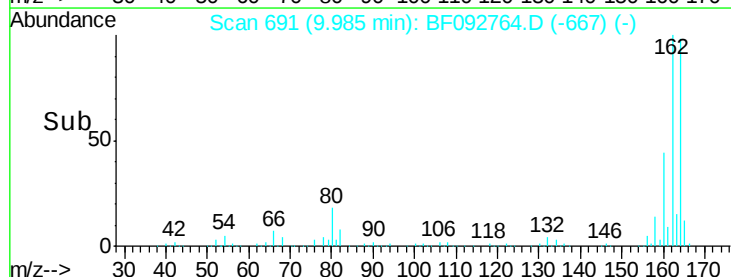
160 44.2 36.9 55.3



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

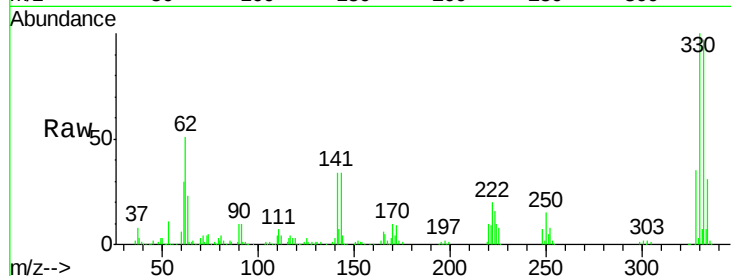




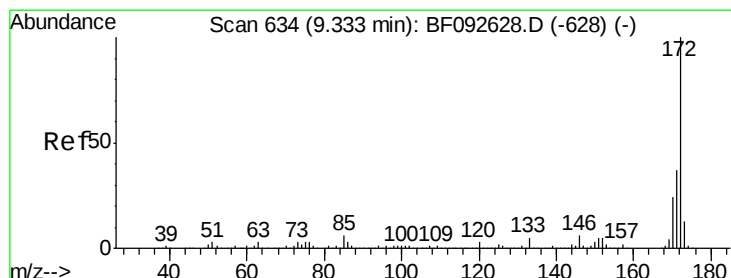
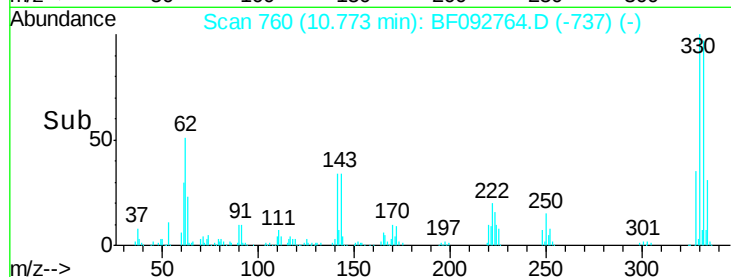
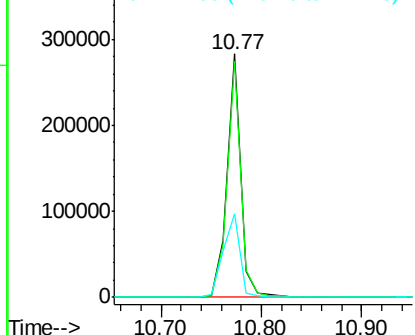
#41
 2,4,6-Tribromophenol
 Concen: 109.46 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092764.D
 Acq: 3 Feb 2017 7:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:330 Resp: 270674
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 41.9 34.1 51.1

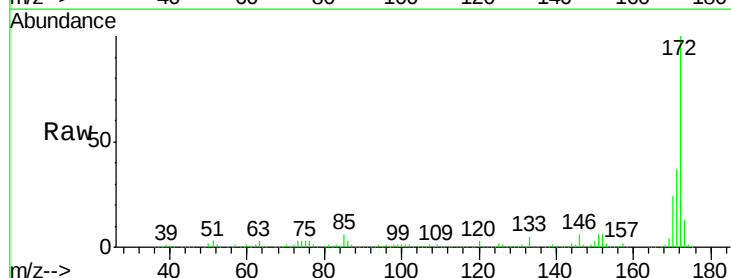


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

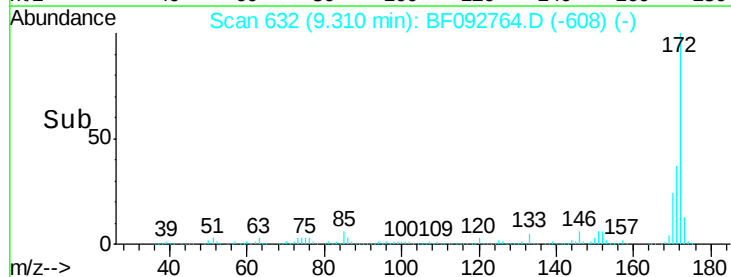
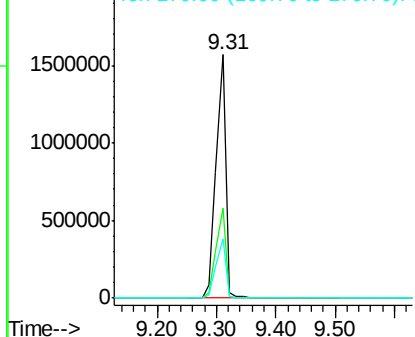


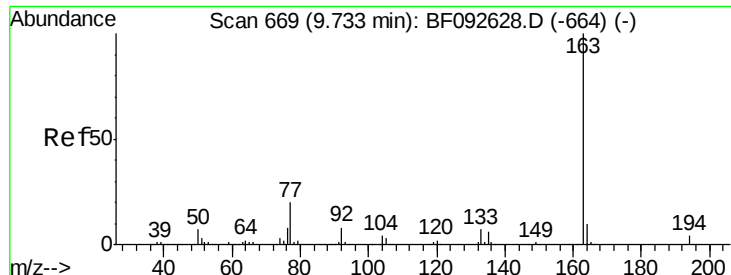
#44
 2-Fluorobiphenyl
 Concen: 92.52 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092764.D
 Acq: 3 Feb 2017 7:58

Tgt Ion:172 Resp: 1746115
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.4 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: 3.23 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

Instrument :

BNA_F

ClientSampleId :

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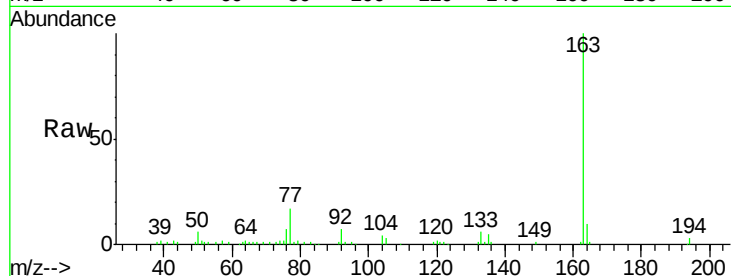
Tgt Ion:163 Resp: 74342

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

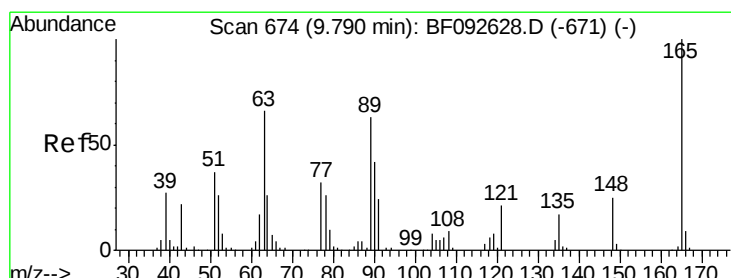
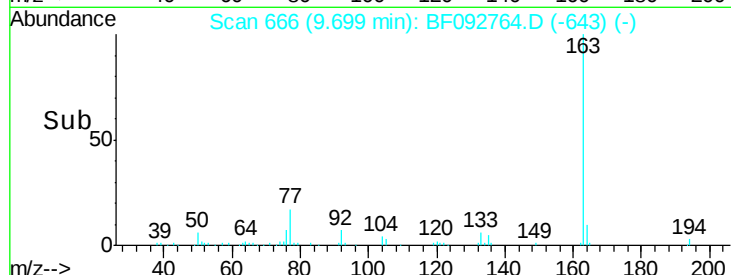
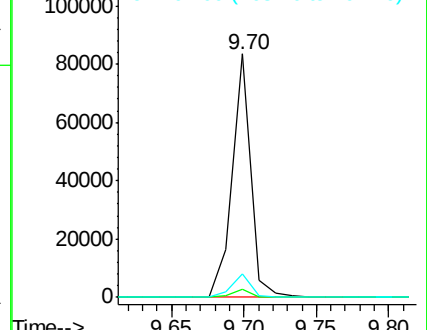
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.61 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.19 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

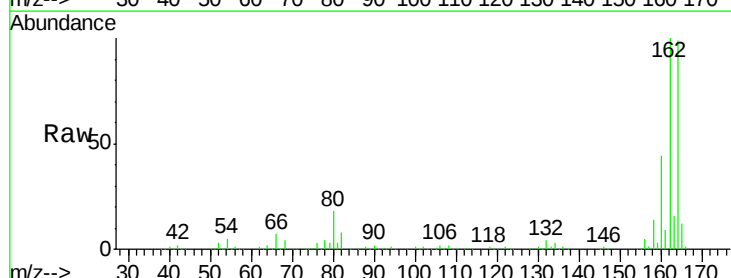
Tgt Ion:165 Resp: 42845

Ion Ratio Lower Upper

165 100

63 1.7 36.2 54.4#

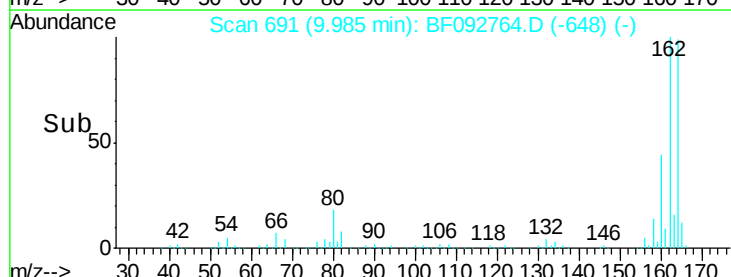
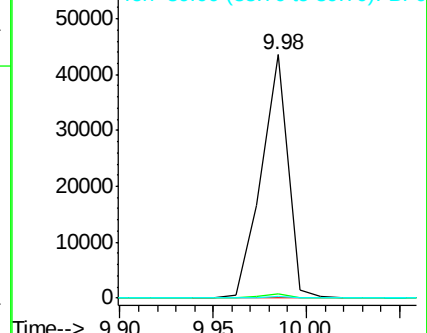
89 0.8 40.2 60.4#

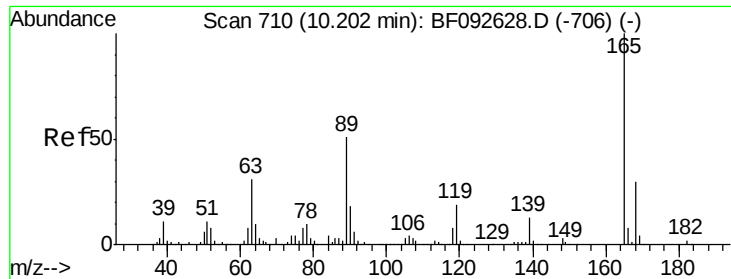


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

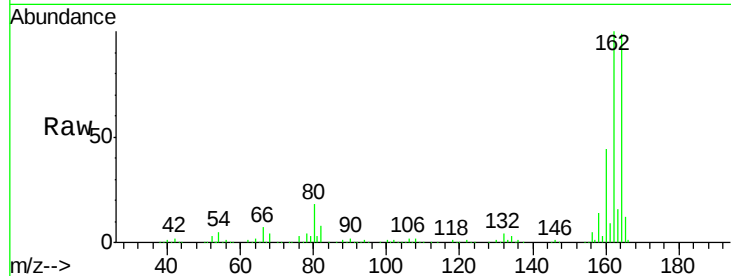




#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.22 min
 Lab File: BF092764.D
 Acq: 3 Feb 2017 7:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

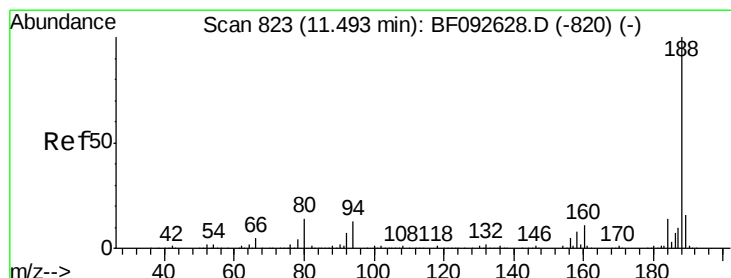
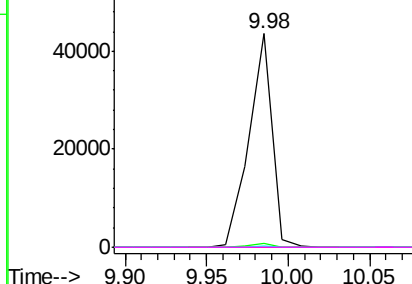
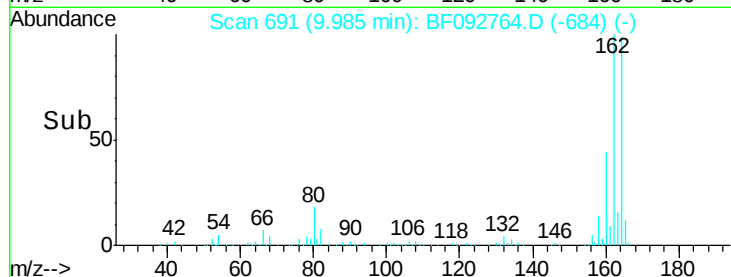


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

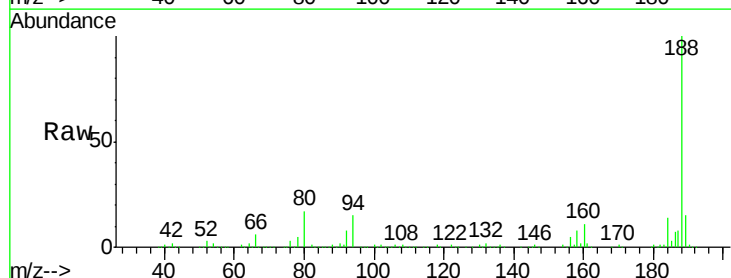
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092764.D
 Acq: 3 Feb 2017 7:58

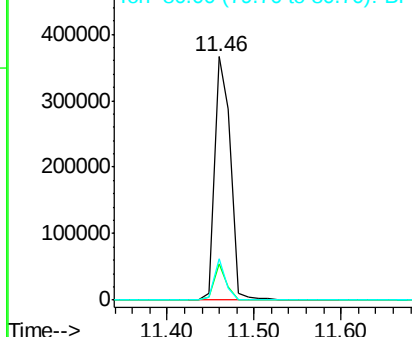
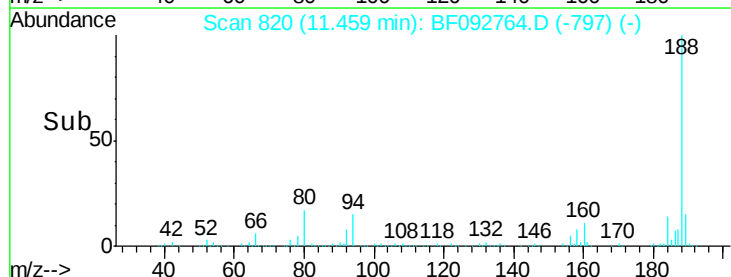
Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.1	10.0	15.0#
80	16.8	11.2	16.8

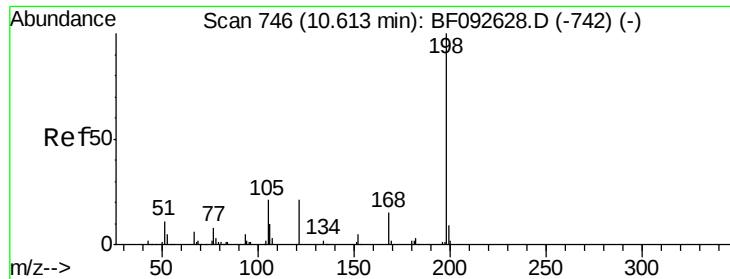


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.80 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

Instrument :

BNA_F

ClientSampleId :

MW-17

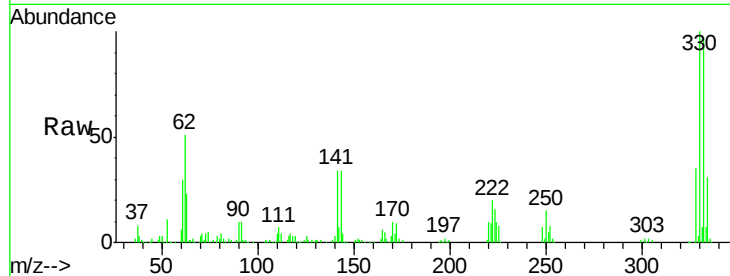
Tgt Ion:198 Resp: 410

Ion Ratio Lower Upper

198 100

51 214.9 6.7 46.7#

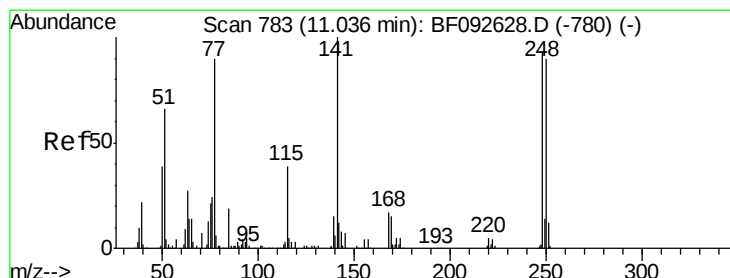
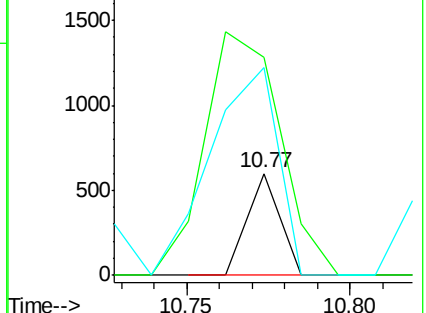
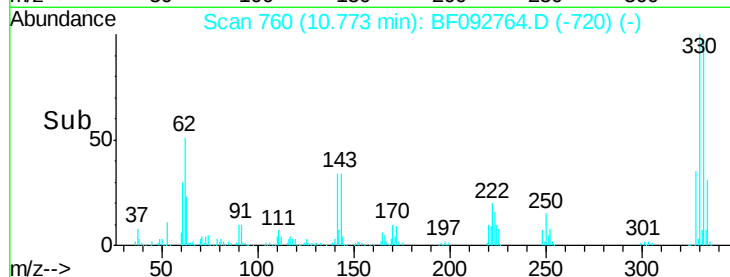
105 204.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.27 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

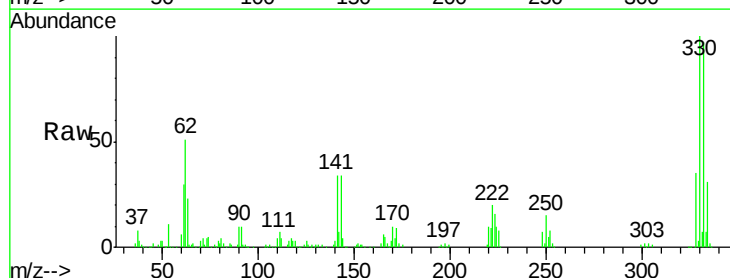
Tgt Ion:248 Resp: 21027

Ion Ratio Lower Upper

248 100

250 196.3 76.9 115.3#

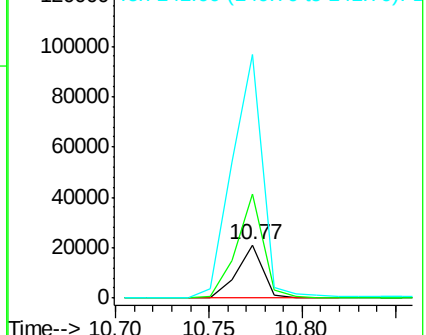
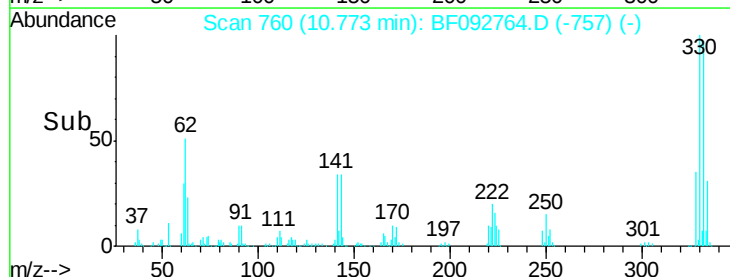
141 457.2 68.2 102.4#

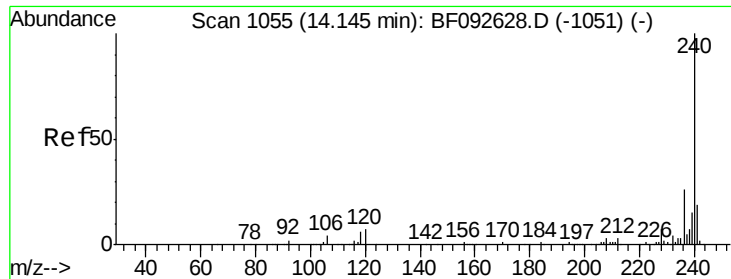


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092764.D

Acq: 3 Feb 2017 7:58

Instrument :

BNA_F

ClientSampleId :

MW-17

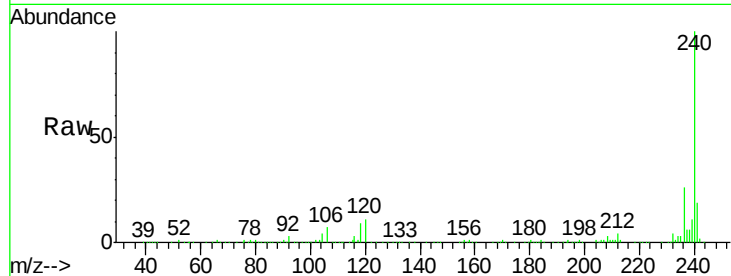
Tgt Ion:240 Resp: 318512

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

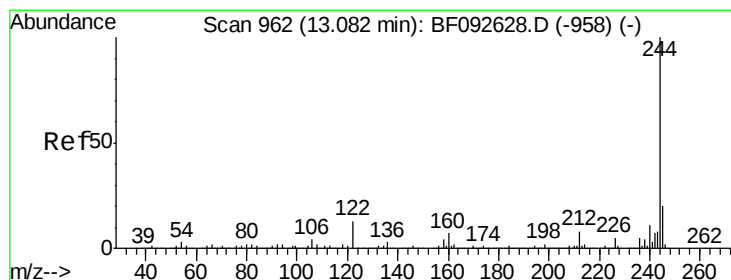
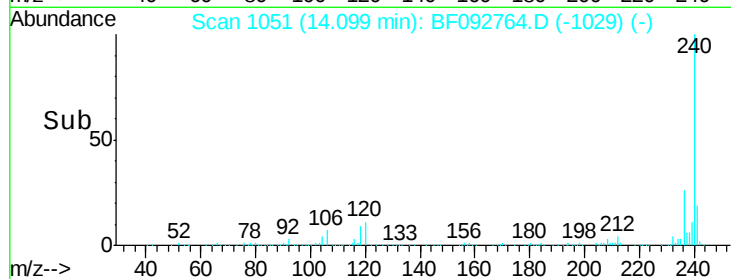
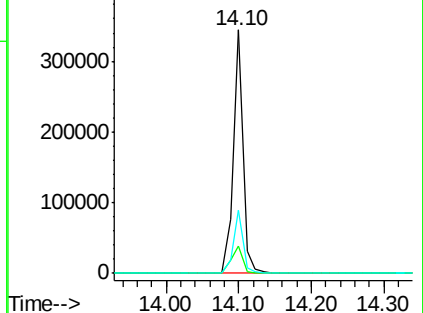
236 26.0 20.9 31.3



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: 80.09 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092764.D

Acq: 3 Feb 2017 7:58

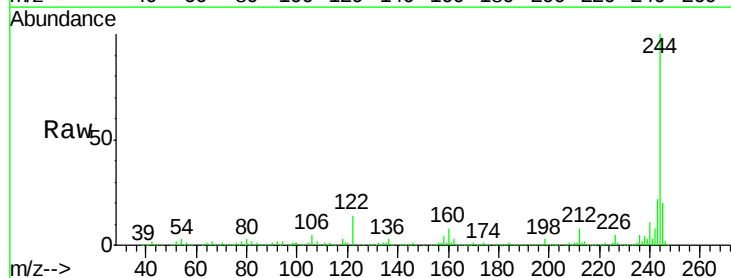
Tgt Ion:244 Resp: 1085616

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

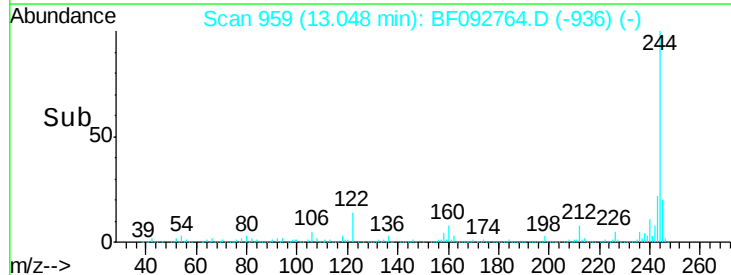
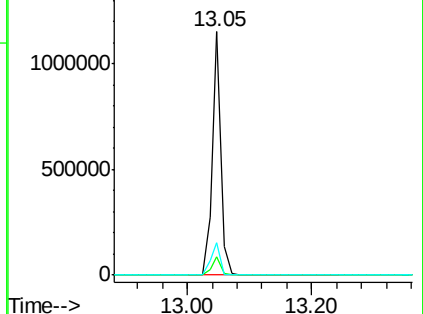
122 13.5 11.4 17.2

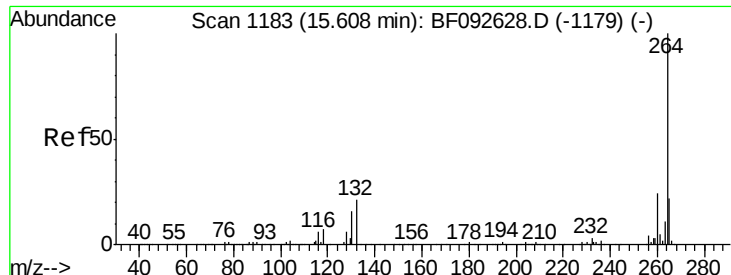


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

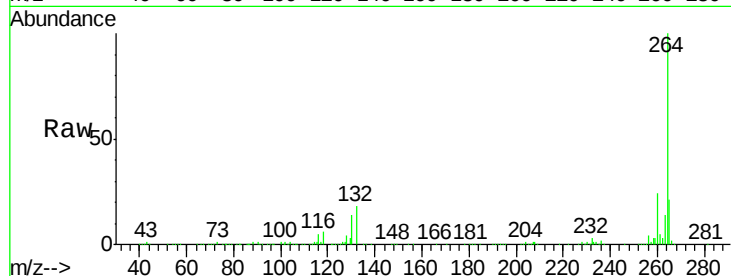




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092764.D
Acq: 3 Feb 2017 7:58

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion: 264 Resp: 314916
Ion Ratio Lower Upper
264 100
260 23.6 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

