

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092766.D
 Acq On : 3 Feb 2017 8:53
 Operator : SJ/MA
 Sample : I1647-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 09:43:03 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

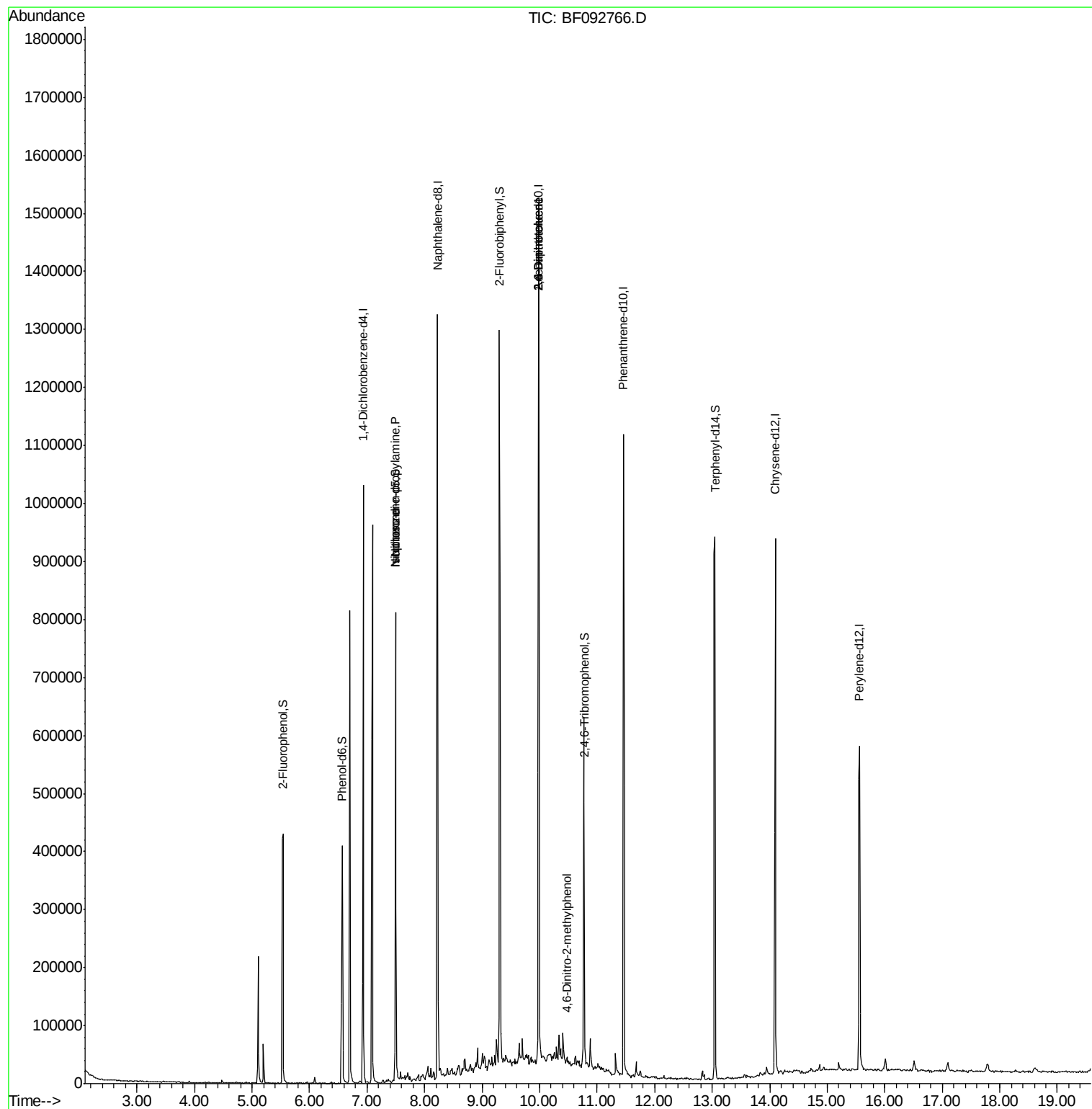
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	149536	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	563688	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	334061	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	452651	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	355134	20.00	ng	-0.05
86) Perylene-d12	15.56	264	313698	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	177719	20.39	ng	-0.03
7) Phenol-d6	6.57	99	145814	13.00	ng	-0.03
23) Nitrobenzene-d5	7.49	82	277621	27.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	86299	35.72	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	551745	29.92	ng	-0.03
78) Terphenyl-d14	13.05	244	432301	28.60	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	36494	5.11	ng	# 85
25) Isophorone	7.49	82	261459	13.86	ng	# 65
50) 2,6-Dinitrotoluene	9.98	165	44324	9.12	ng	# 30
56) 2,4-Dinitrotoluene	9.98	165	44325	6.85	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.48	198	256	2.76	ng	# 1

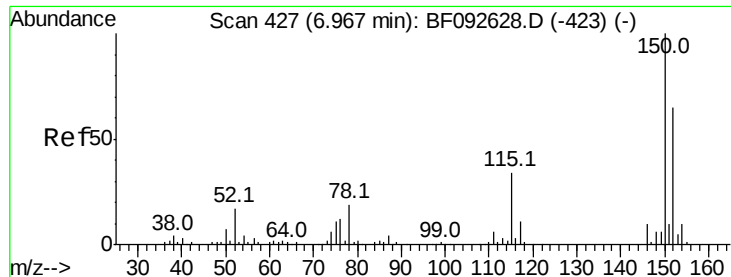
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Instrument :

BNA_F

ClientSampleId :

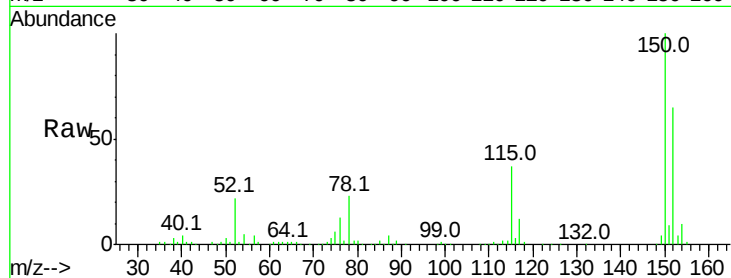
Tot Ion:152 Resp: 149536

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

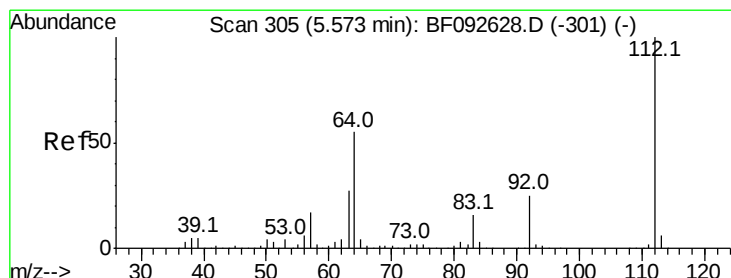
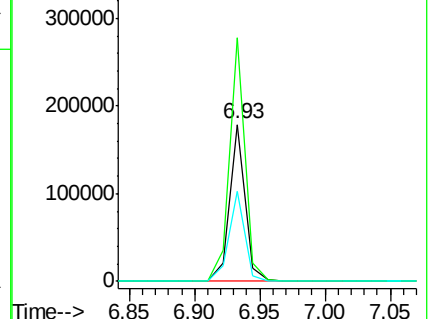
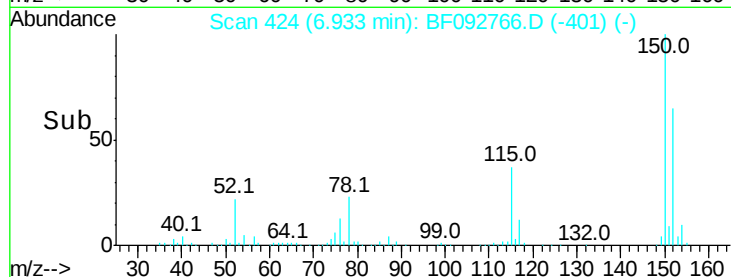
115 57.2 46.0 69.0



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: 20.39 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

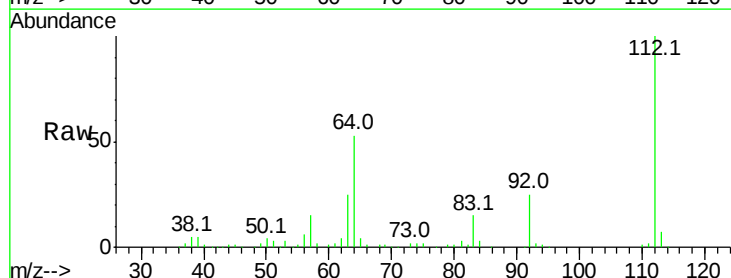
Tgt Ion:112 Resp: 177719

Ion Ratio Lower Upper

112 100

64 53.0 46.1 69.1

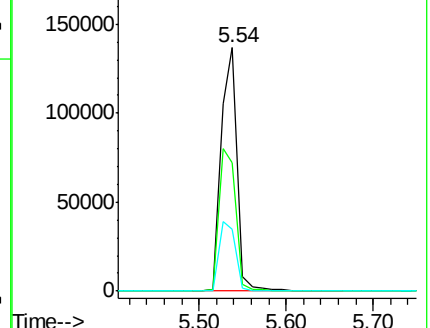
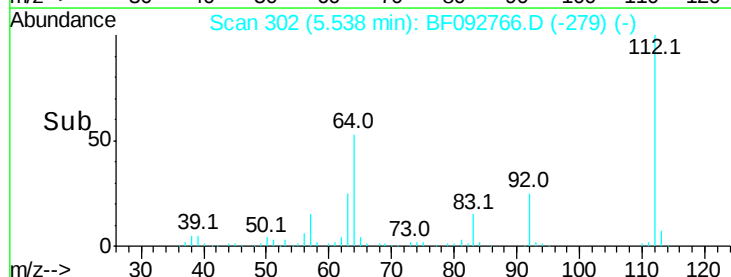
63 25.4 23.8 35.6

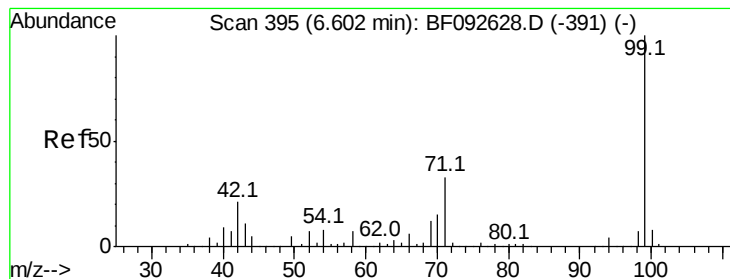


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.00 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Instrument :

BNA_F

ClientSampleId :

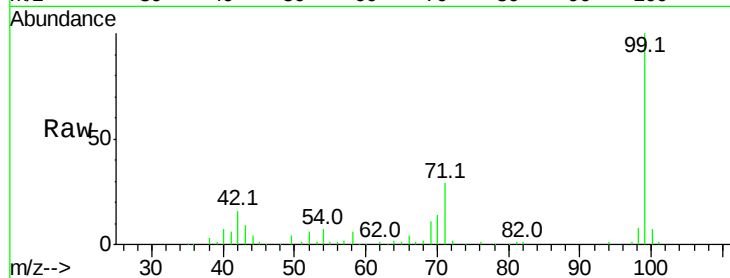
Tot Ion: 99 Resp: 145814

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

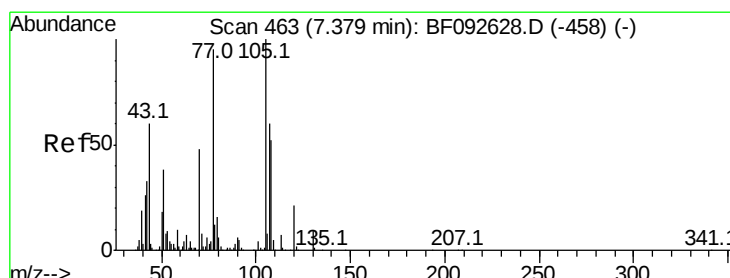
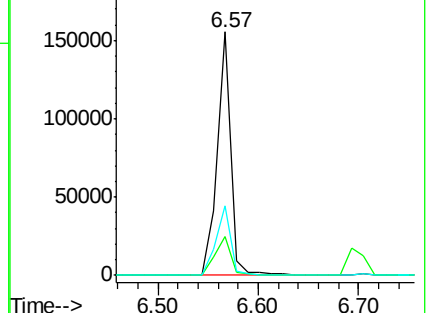
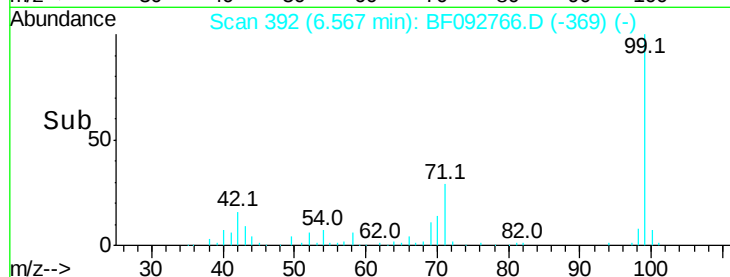
71 28.7 27.5 41.3



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: 5.11 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.11 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Tgt Ion: 70 Resp: 36494

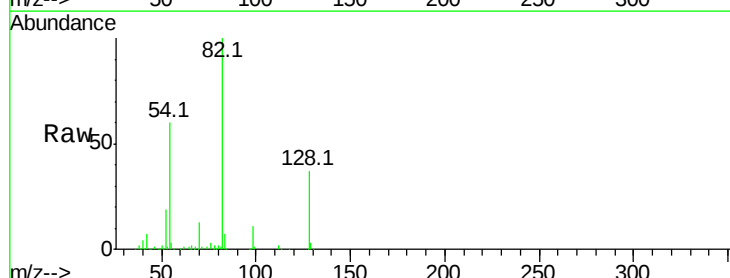
Ion Ratio Lower Upper

70 100

42 55.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

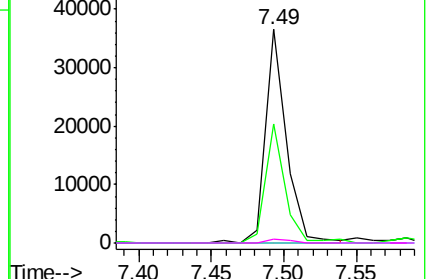
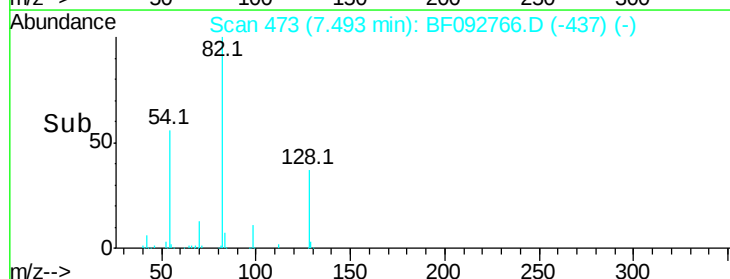


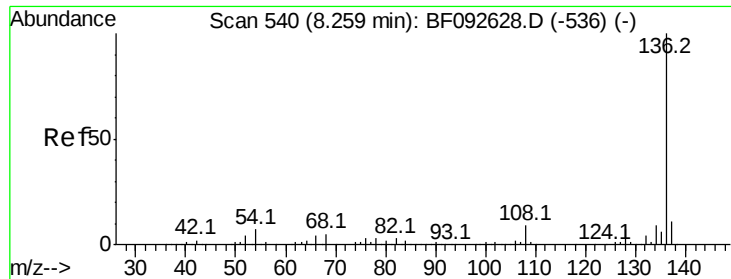
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

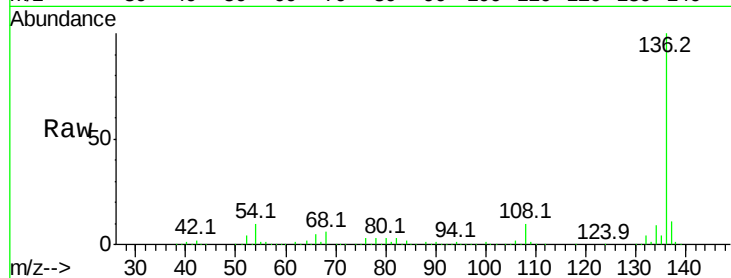




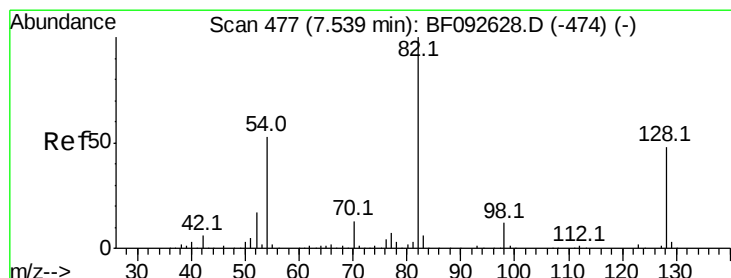
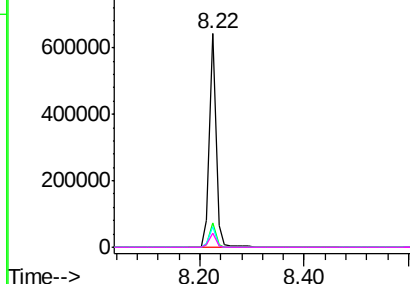
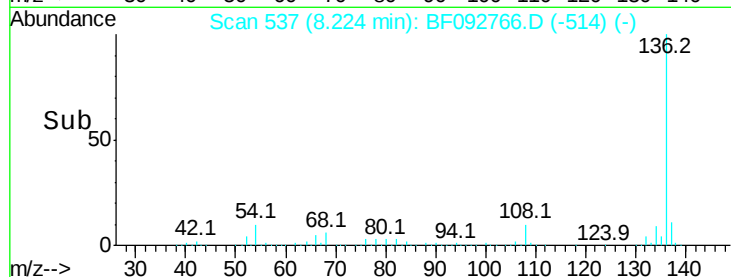
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092766.D
Acq: 3 Feb 2017 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	563688
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.9	4.5	6.7#
68	6.4	3.6	5.4#

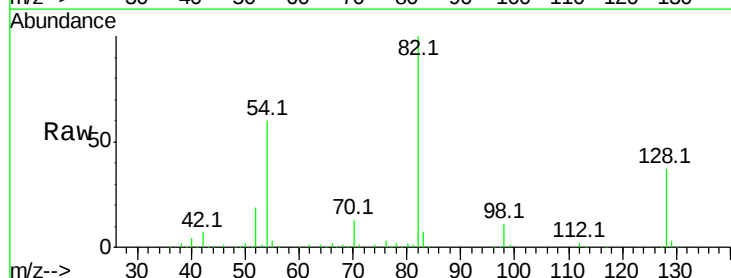


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

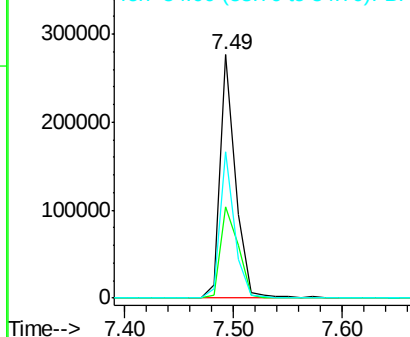
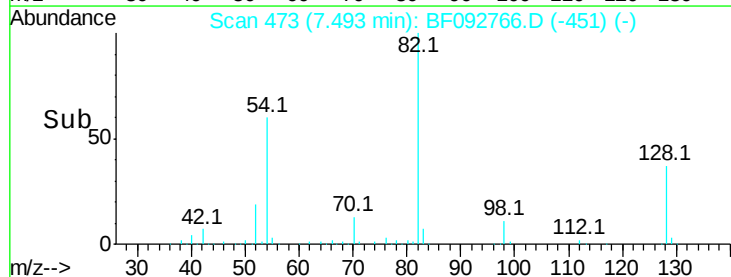


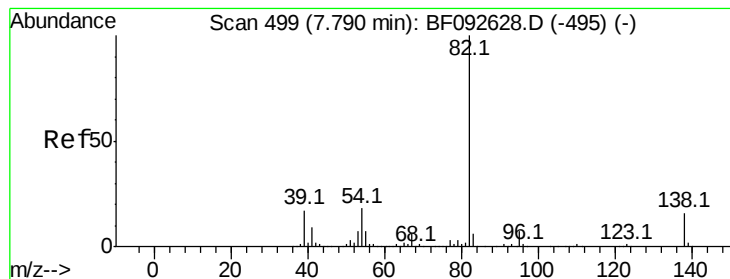
#23
Nitrobenzene-d5
Concen: 27.43 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092766.D
Acq: 3 Feb 2017 8:53

Tgt Ion:	82	Resp:	277621
Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.6	52.0
54	60.0	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: 13.86 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.30 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Instrument :

BNA_F

ClientSampleId :

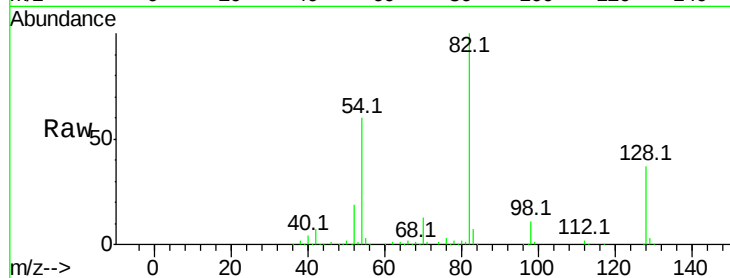
Tot Ion: 82 Resp: 261459

Ion Ratio Lower Upper

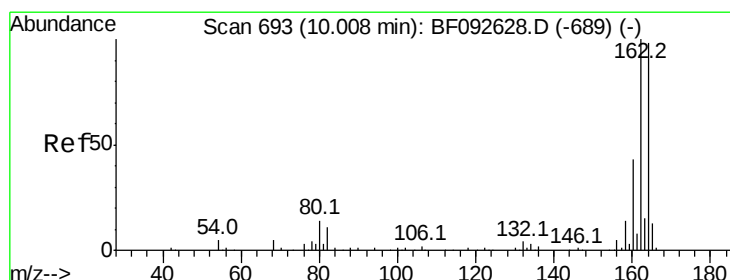
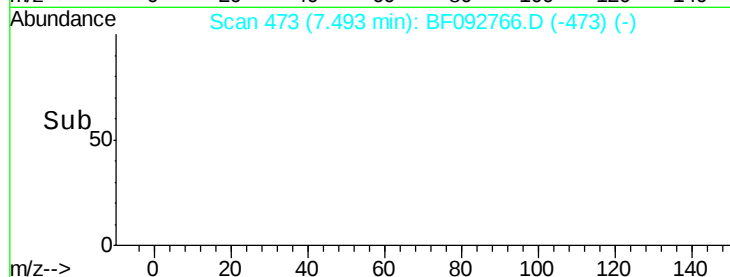
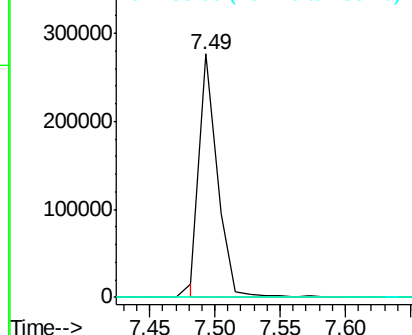
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

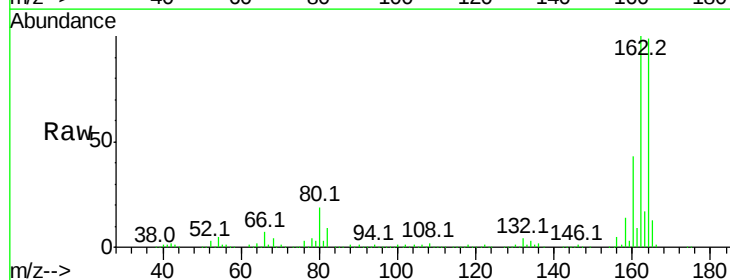
Tgt Ion:164 Resp: 334061

Ion Ratio Lower Upper

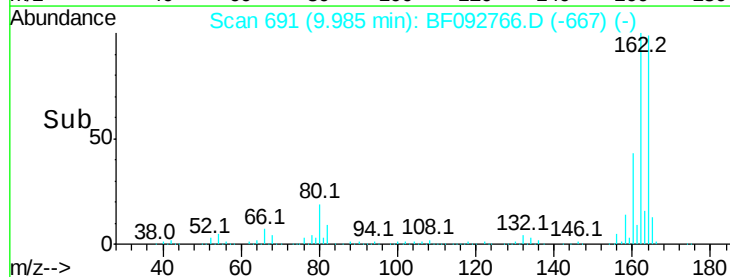
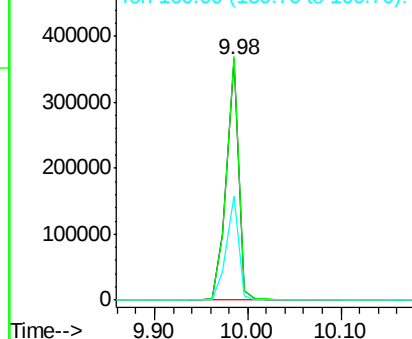
164 100

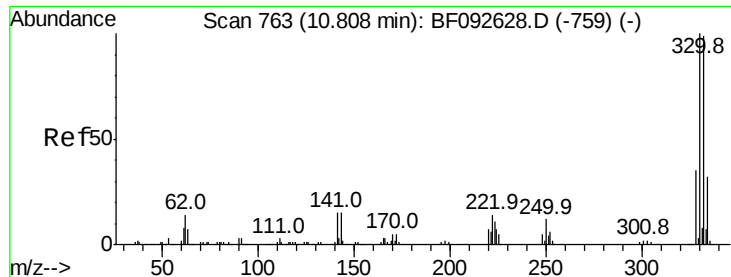
162 101.2 80.2 120.2

160 43.2 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

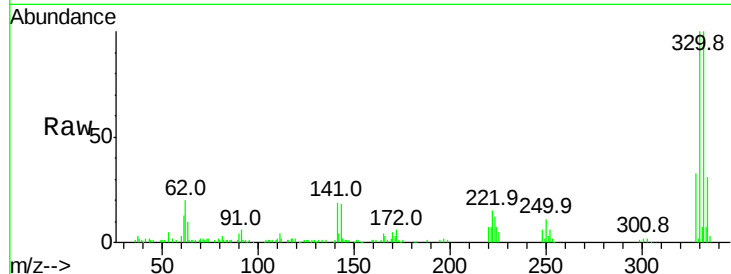




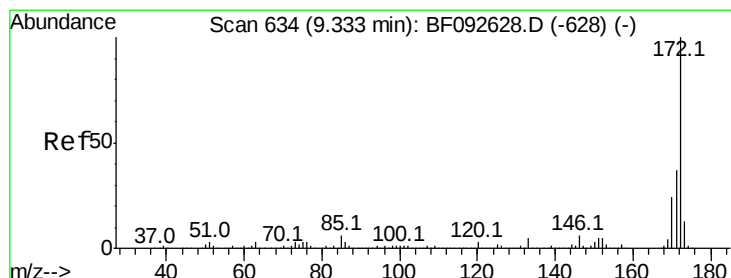
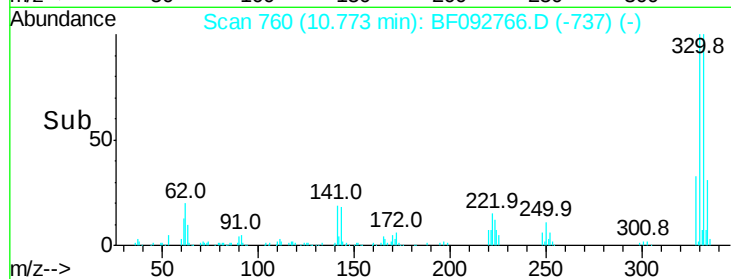
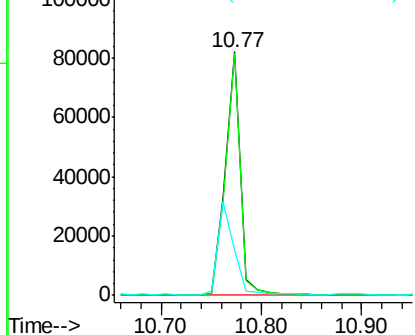
#41
 2,4,6-Tribromophenol
 Concen: 35.72 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	42.7	34.1	51.1

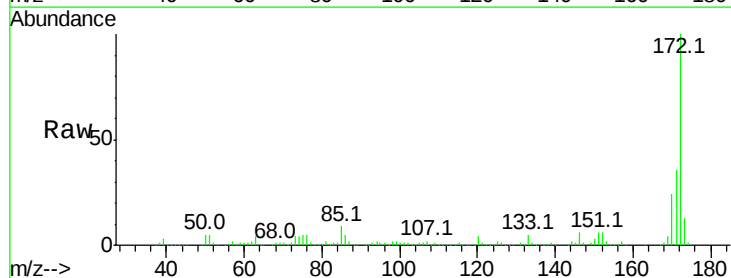


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

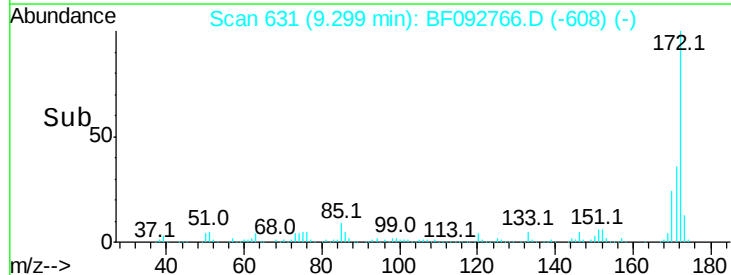
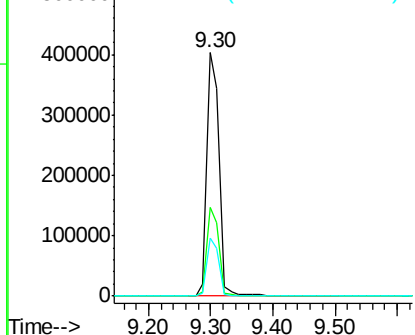


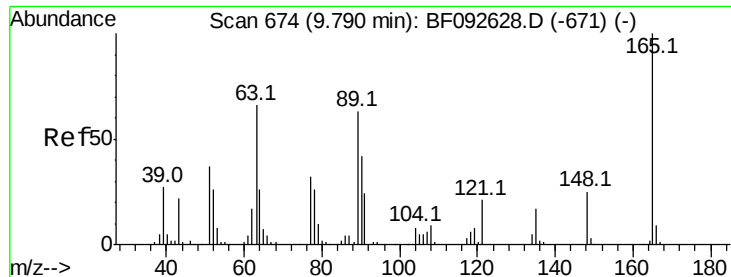
#44
 2-Fluorobiphenyl
 Concen: 29.92 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	23.7	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

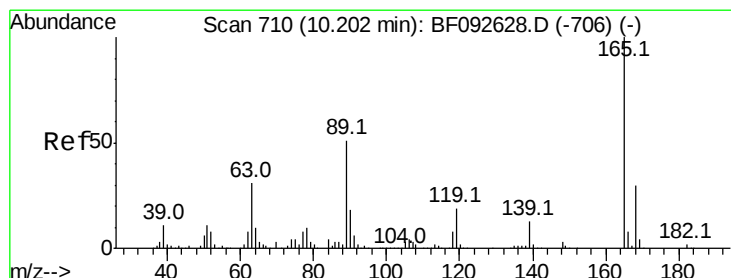
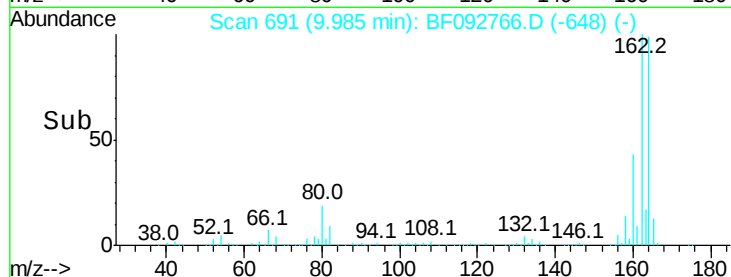
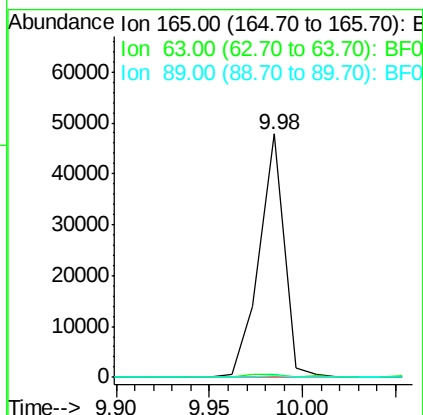
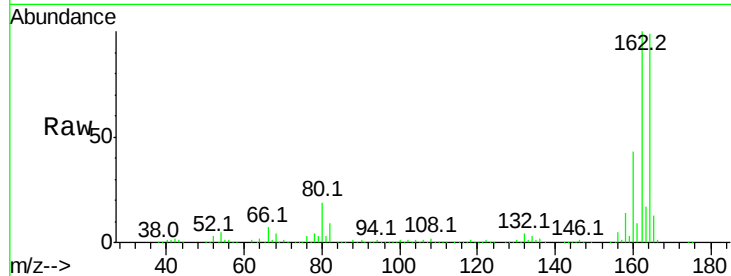




#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

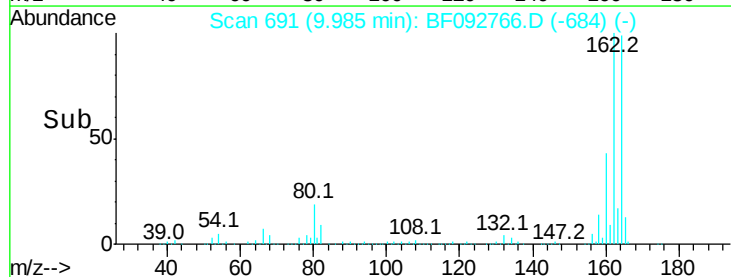
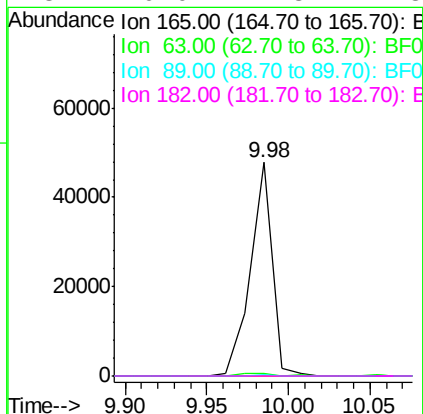
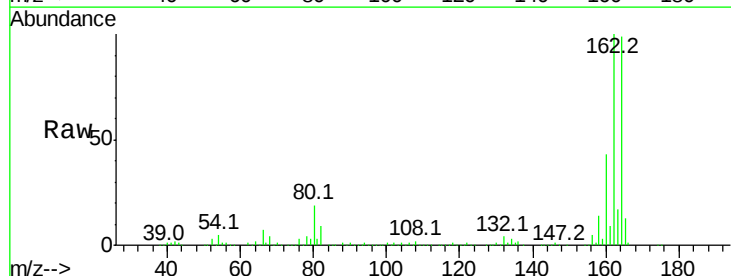
Instrument :
 BNA_F
 ClientSampleId :

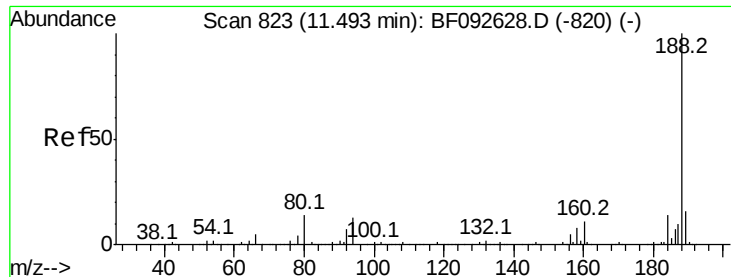
Tot Ion:165 Resp: 44324
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 0.9 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.22 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

Tgt Ion:165 Resp: 44325
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.2 60.4#
 89 0.9 62.5 93.7#
 182 0.0 1.8 2.8#

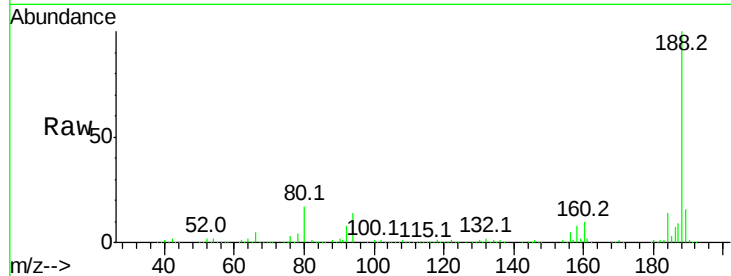




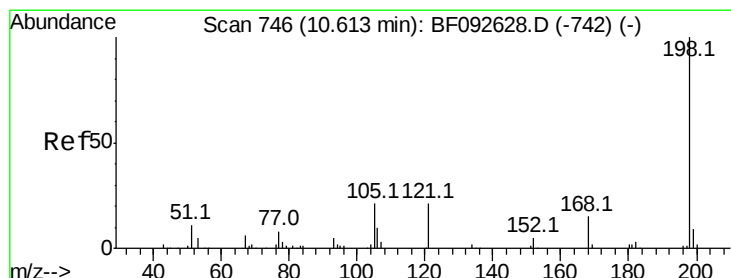
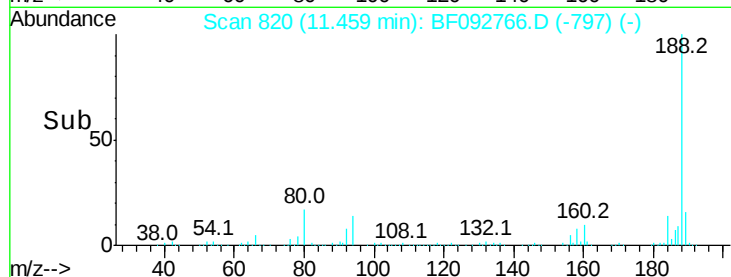
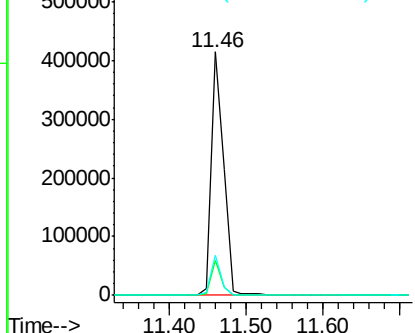
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092766.D
Acq: 3 Feb 2017 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 452651
Ion Ratio Lower Upper
188 100
94 14.3 10.0 15.0
80 16.6 11.2 16.8

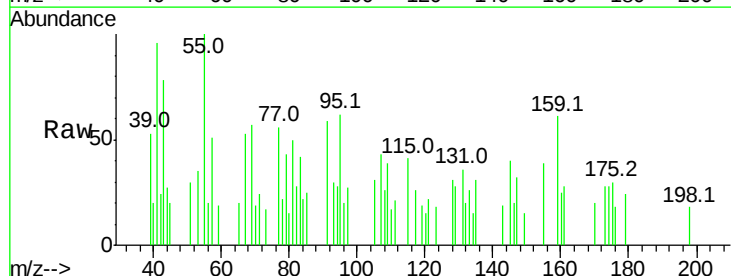


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

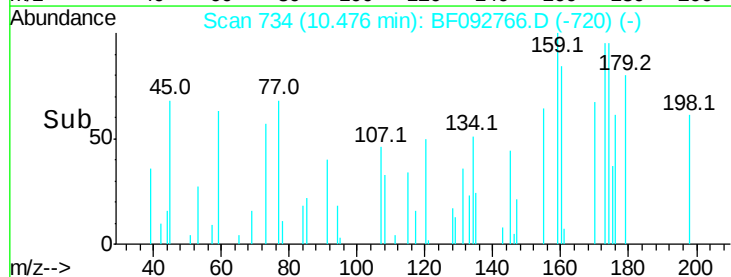
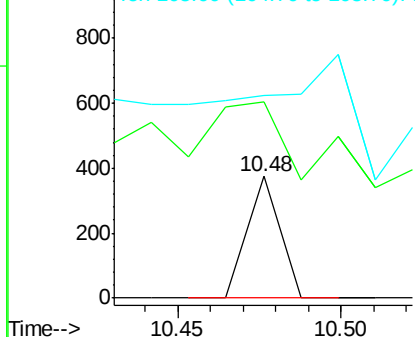


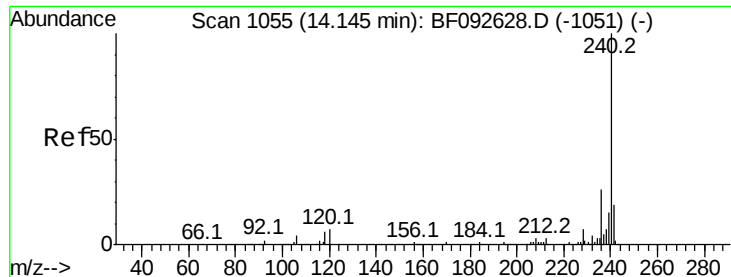
#64
4,6-Dinitro-2-methylphenol
Concen: 2.76 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.14 min
Lab File: BF092766.D
Acq: 3 Feb 2017 8:53

Tgt Ion:198 Resp: 256
Ion Ratio Lower Upper
198 100
51 161.5 6.7 46.7#
105 166.3 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





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

Instrument :

BNA_F

ClientSampled :

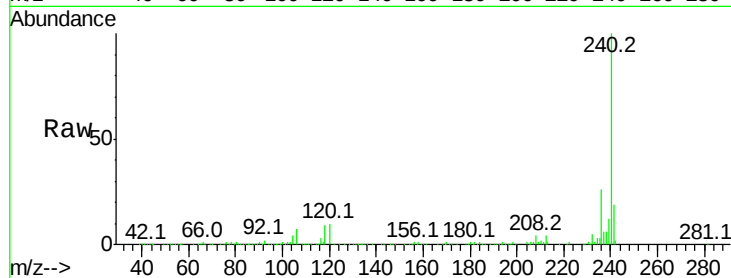
Tot Ion:240 Resp: 355134

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

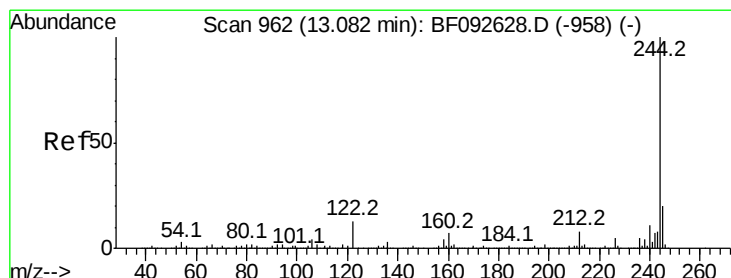
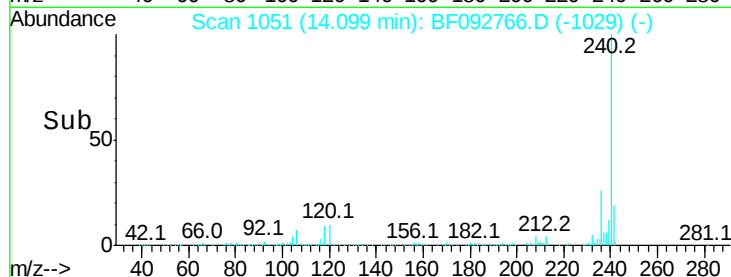
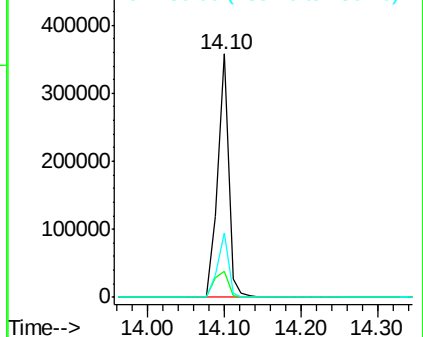
236 26.2 20.9 31.3



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: 28.60 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092766.D

Acq: 3 Feb 2017 8:53

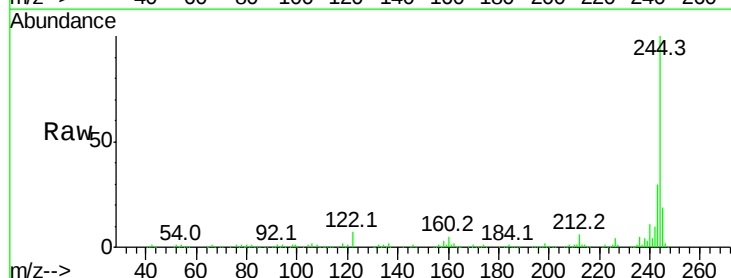
Tgt Ion:244 Resp: 432301

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

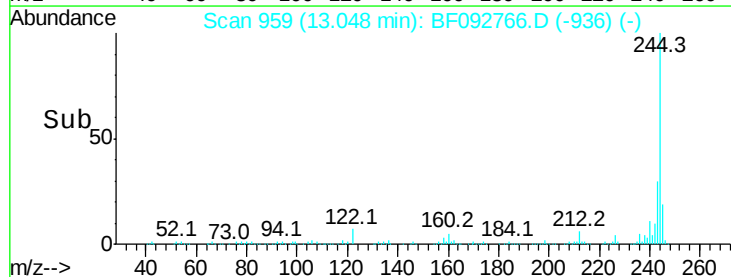
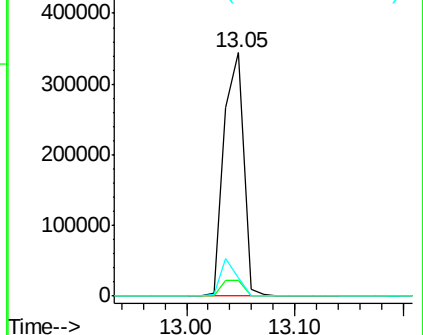
122 7.3 11.4 17.2#

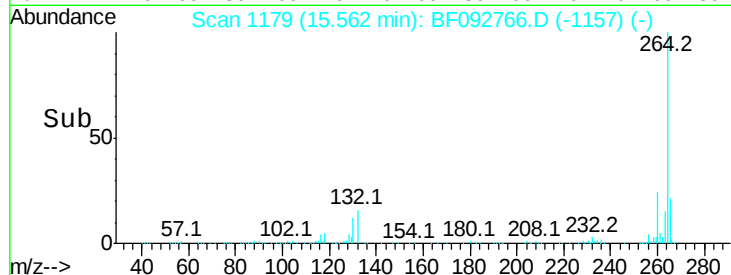
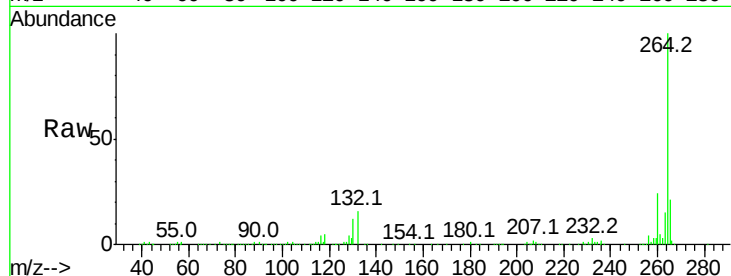
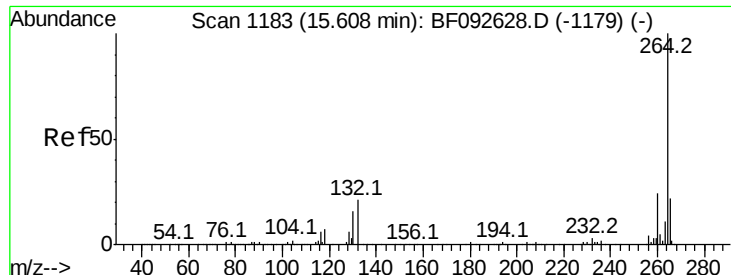


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092766.D
 Acq: 3 Feb 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	313698
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.7	17.4	26.0

