

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093966.D
 Acq On : 28 Mar 2017 2:26
 Operator : SJ/MA
 Sample : I2384-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 04:45:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

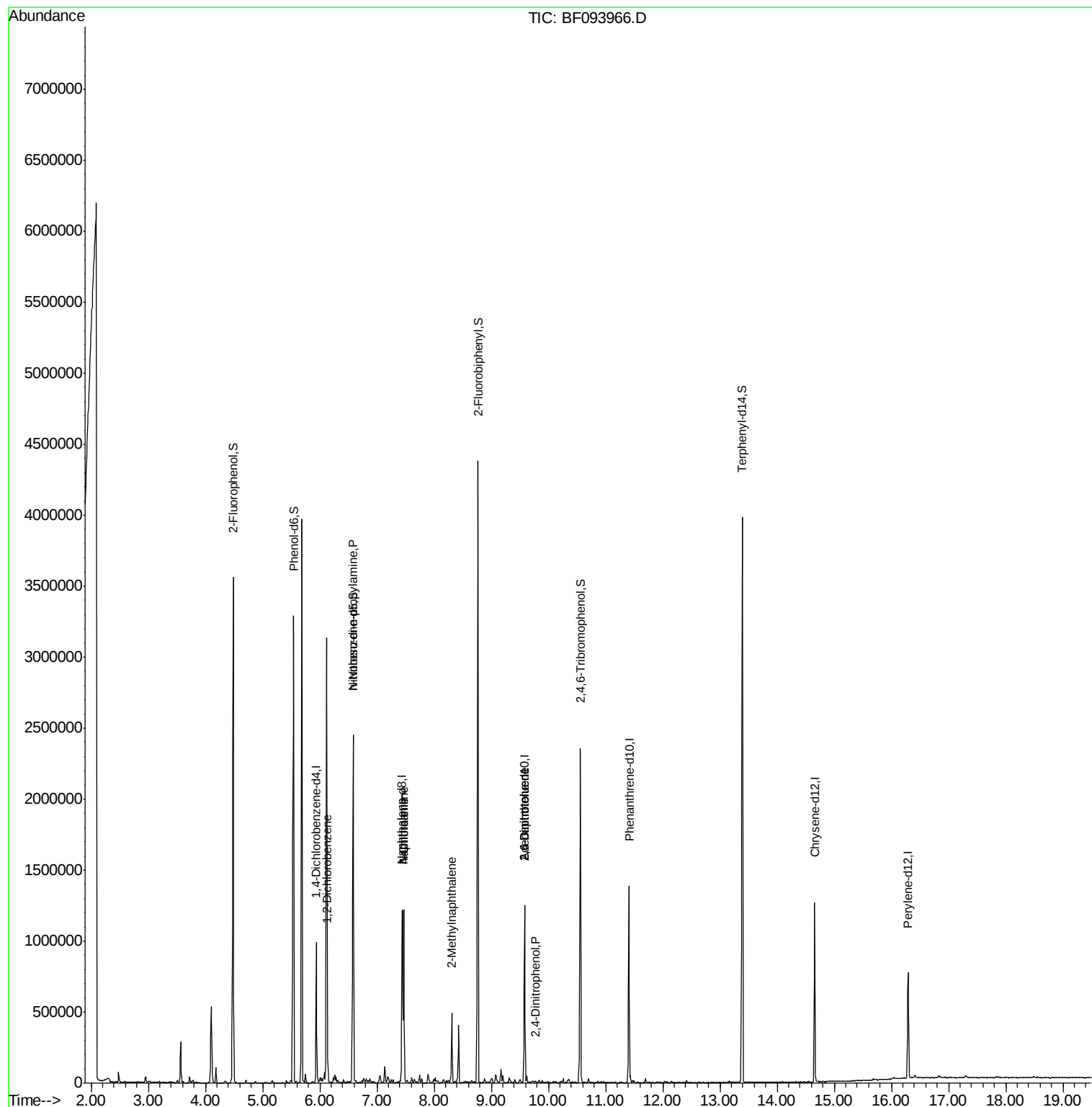
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	160073	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	638139	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	296142	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	557889	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	473183	20.00	ng	-0.02
86) Perylene-d12	16.29	264	294817	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	1200450	126.67	ng	0.01
7) Phenol-d6	5.54	99	1473530	125.68	ng	-0.01
23) Nitrobenzene-d5	6.59	82	982637	87.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	369343	157.83	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1778568	91.60	ng	-0.01
78) Terphenyl-d14	13.39	244	1668236	79.03	ng	-0.01
Target Compounds						
14) 1,2-Dichlorobenzene	6.13	146	71071	6.52	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	6.59	70	131109	17.40	ng	# 77
31) Naphthalene	7.47	128	656562	21.40	ng	99
33) 4-Chloroaniline	7.47	127	85826	6.90	ng	# 34
37) 2-Methylnaphthalene	8.31	142	148973	7.28	ng	96
50) 2,6-Dinitrotoluene	9.58	165	38126	7.90	ng	# 34
53) 2,4-Dinitrophenol	9.78	184	420	4.82	ng	# 54
56) 2,4-Dinitrotoluene	9.58	165	38127	6.29	ng	# 33

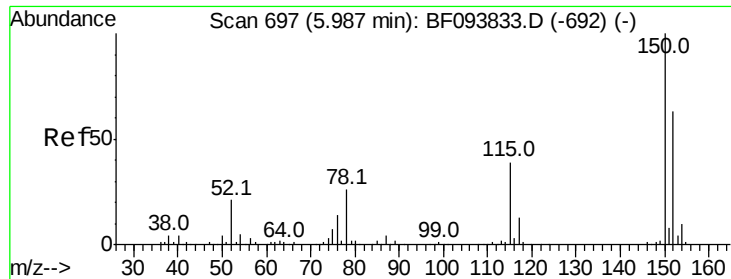
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093966.D
Acq On : 28 Mar 2017 2:26
Operator : SJ/MA
Sample : I2384-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 28 04:45:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_G

ClientSampleId :

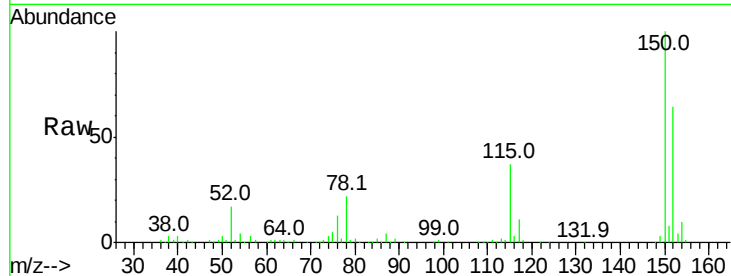
Tot Ion:152 Resp: 160073

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

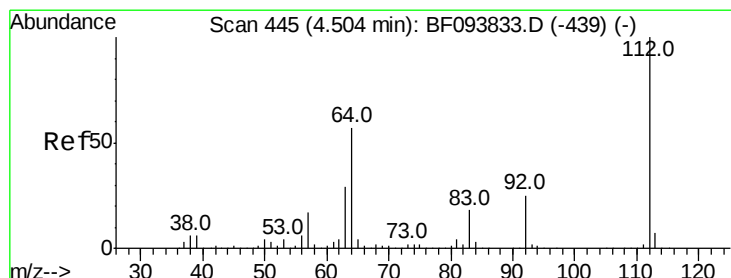
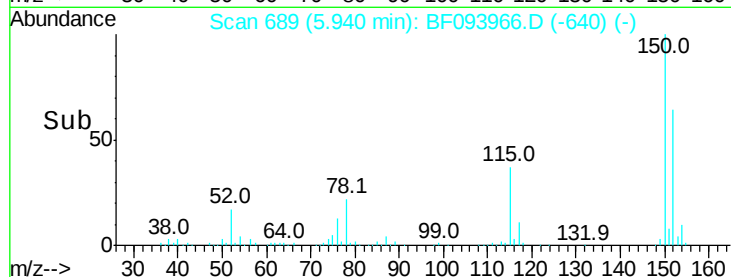
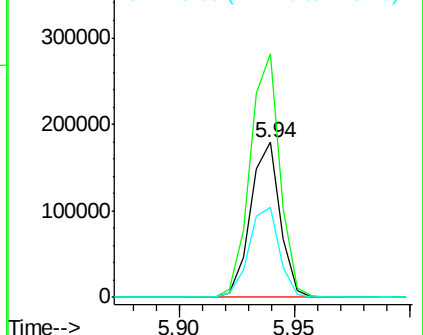
115 58.1 52.2 78.2



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: 126.67 ng

RT: 4.49 min Scan# 442

Delta R.T. 0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

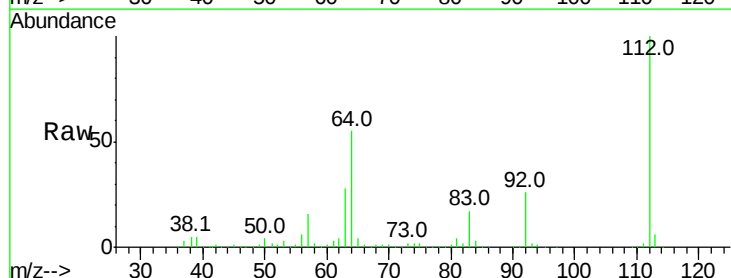
Tgt Ion:112 Resp: 1200450

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

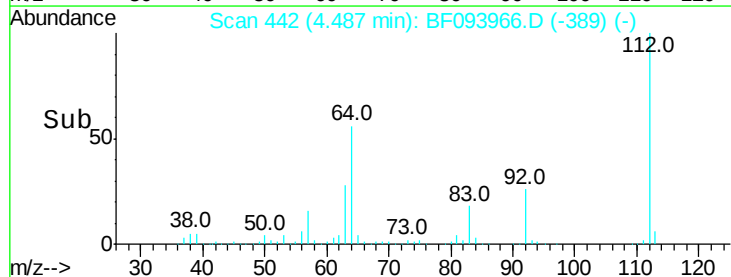
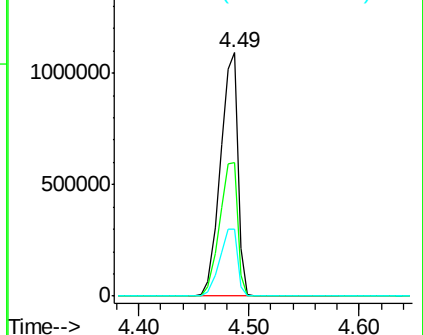
63 27.6 23.4 35.0

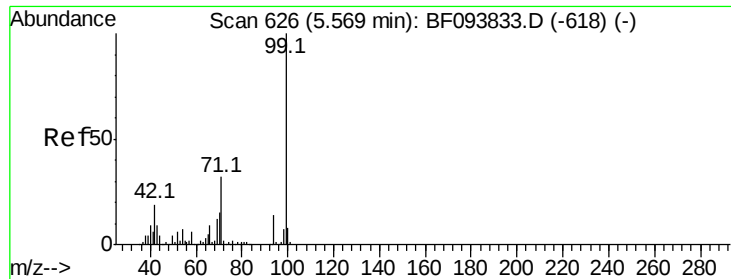


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.68 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_G

ClientSampleId :

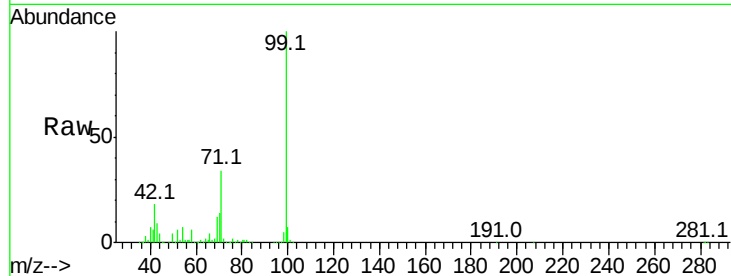
Tot Ion: 99 Resp: 1473530

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

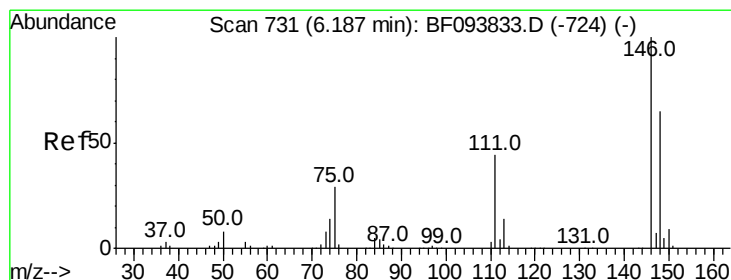
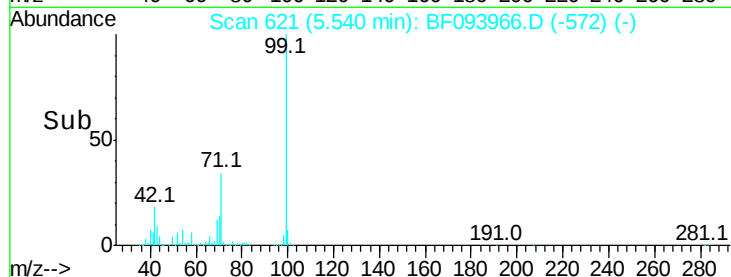
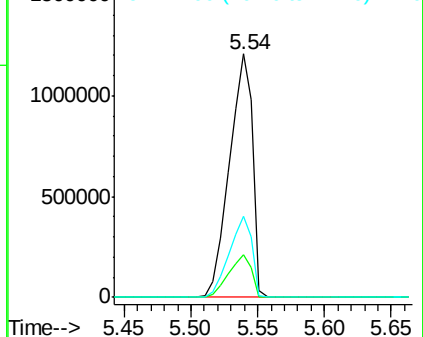
71 33.5 24.5 36.7



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



#14

1,2-Dichlorobenzene

Concen: 6.52 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

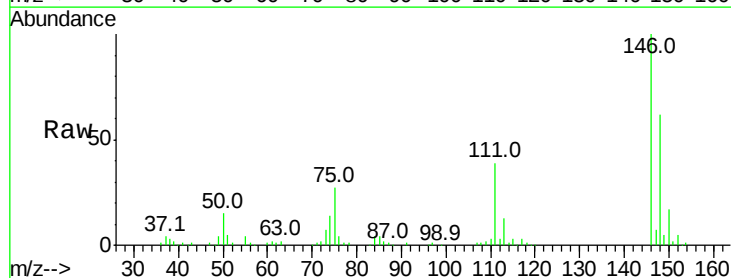
Tgt Ion: 146 Resp: 71071

Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

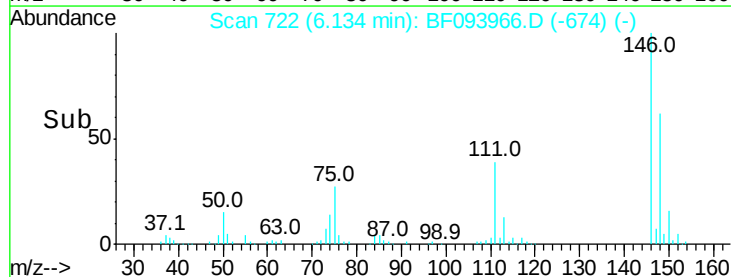
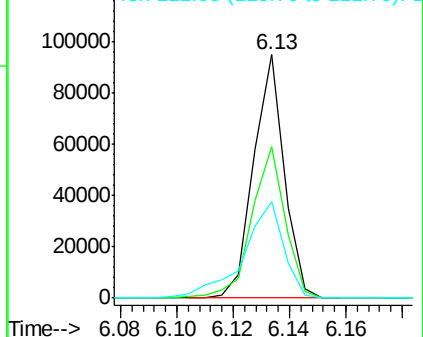
111 39.4 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.40 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 131109

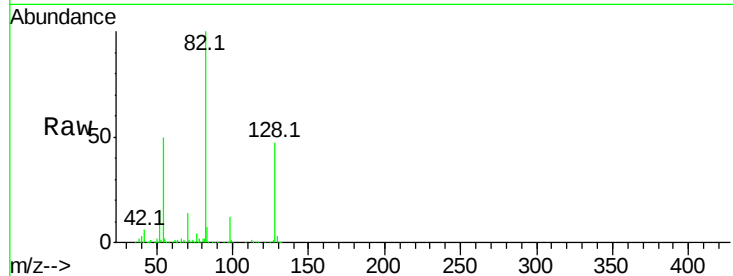
Ion Ratio Lower Upper

70 100

42 46.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

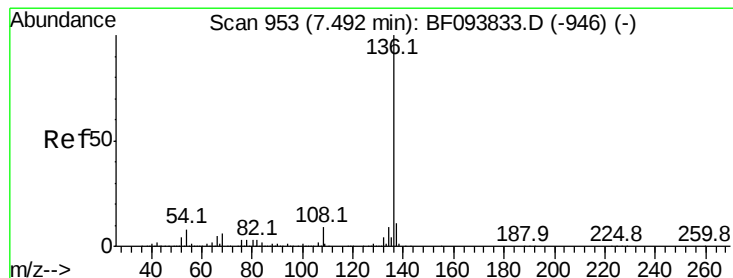
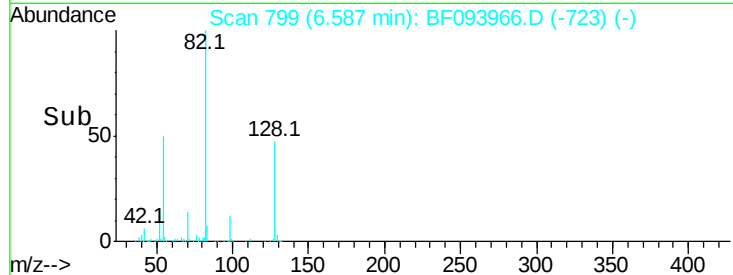
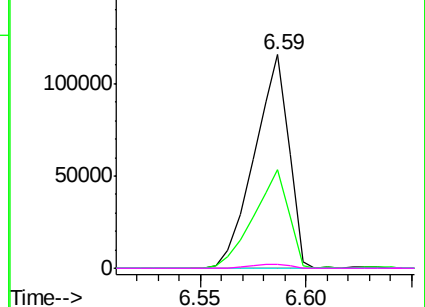


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Tgt Ion: 136 Resp: 638139

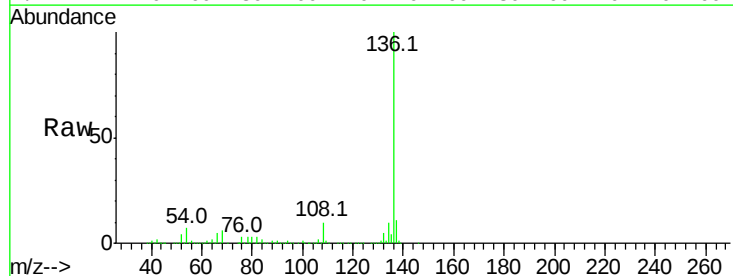
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.8 4.1 6.1

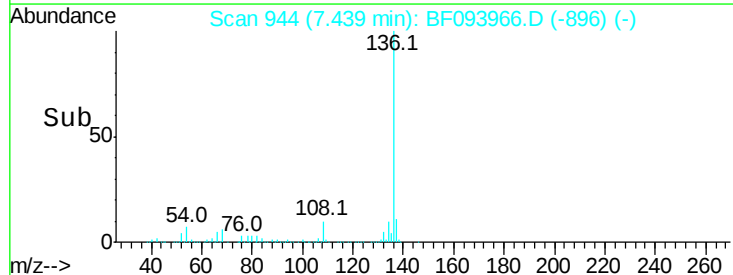
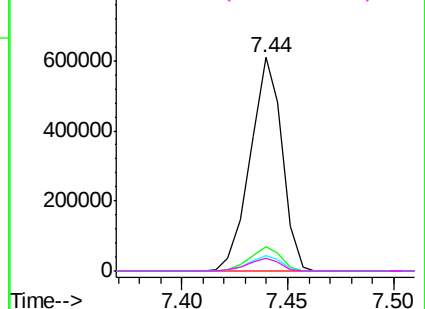


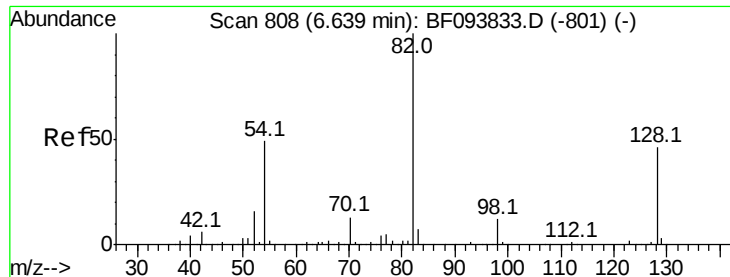
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

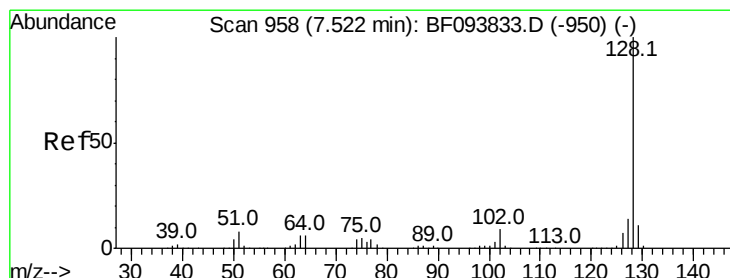
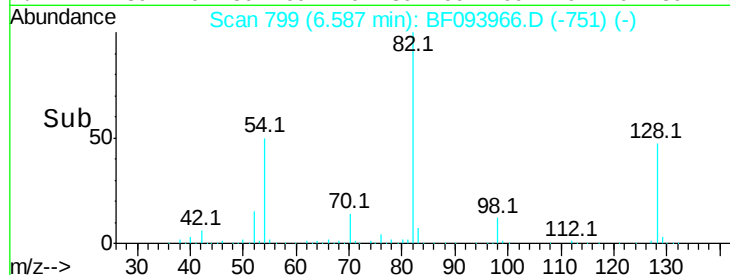
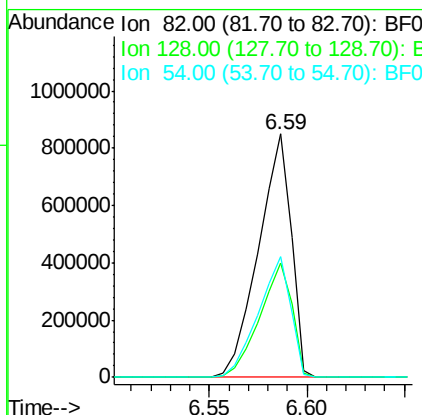
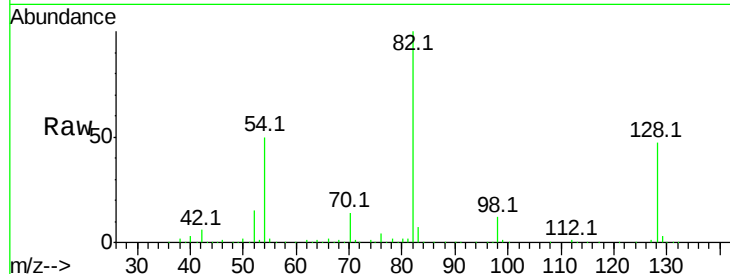




#23
Nitrobenzene-d5
Concen: 87.88 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

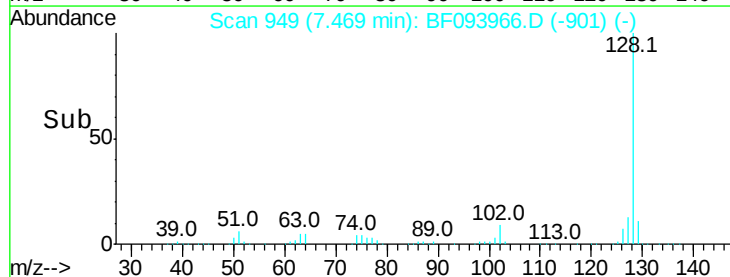
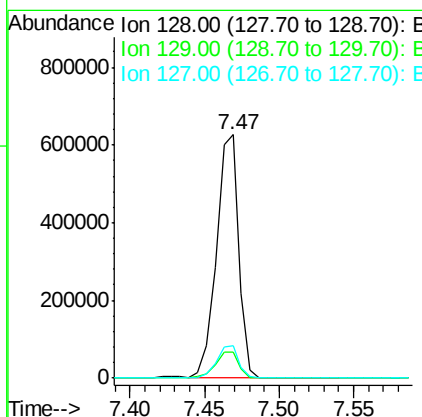
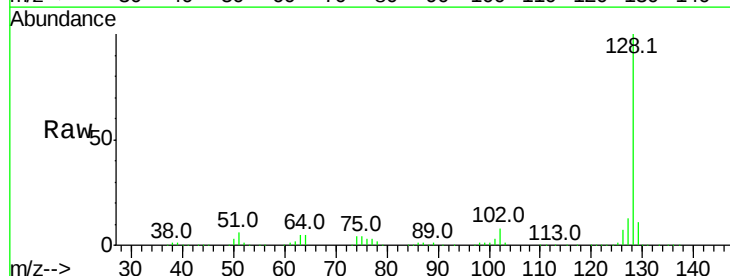
Instrument :
BNA_G
ClientSampleId :

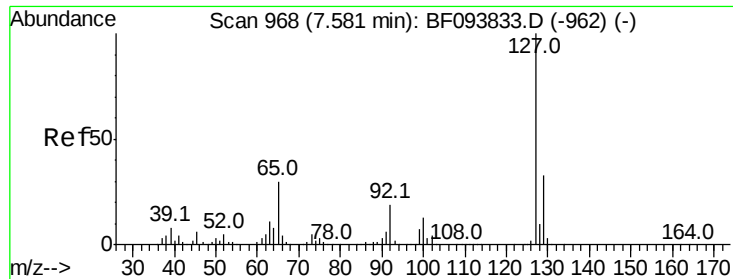
Tot Ion: 82 Resp: 982637
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 49.8 42.2 63.2



#31
Naphthalene
Concen: 21.40 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

Tgt Ion:128 Resp: 656562
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.2 10.8 16.2

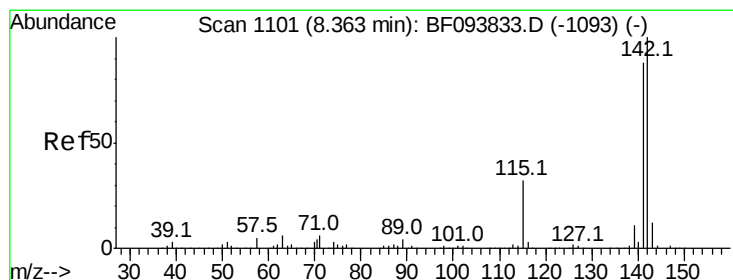
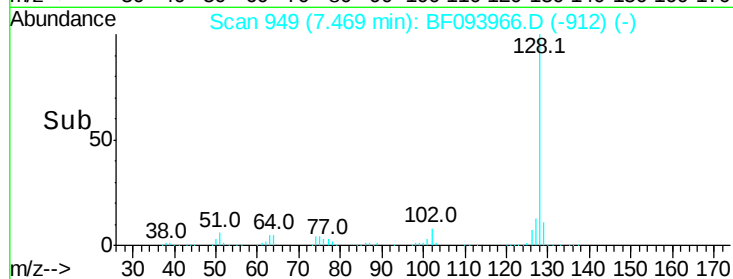
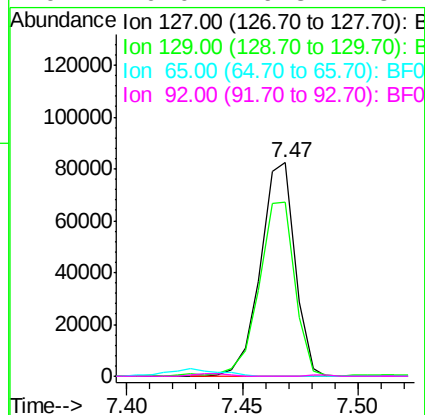
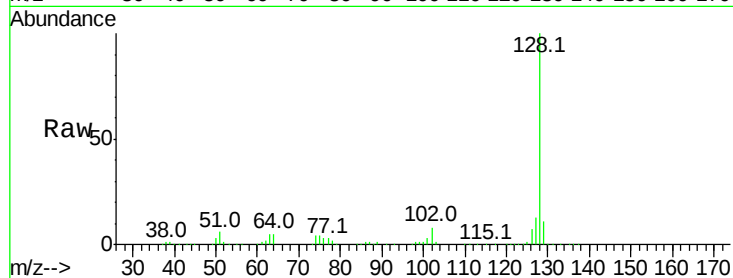




#33
4-Chloroaniline
Concen: 6.90 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.08 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

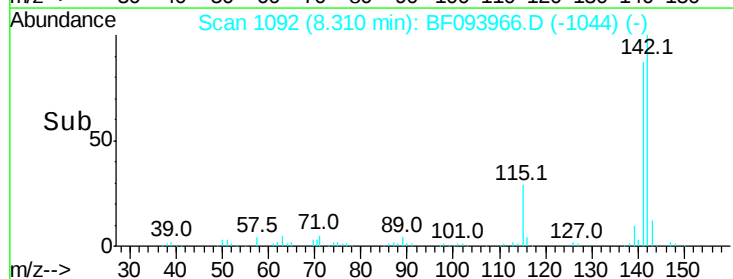
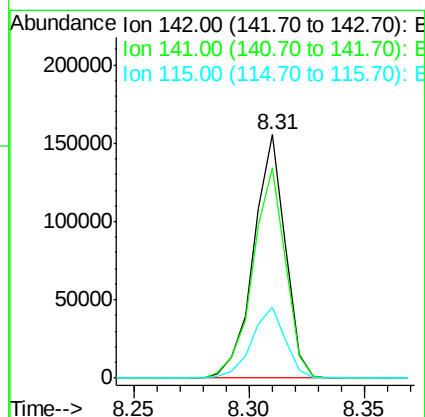
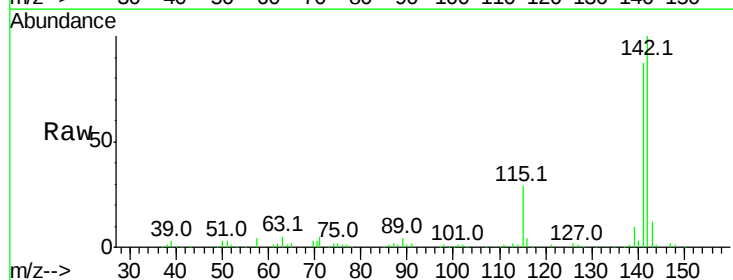
Instrument :
BNA_G
ClientSampleId :

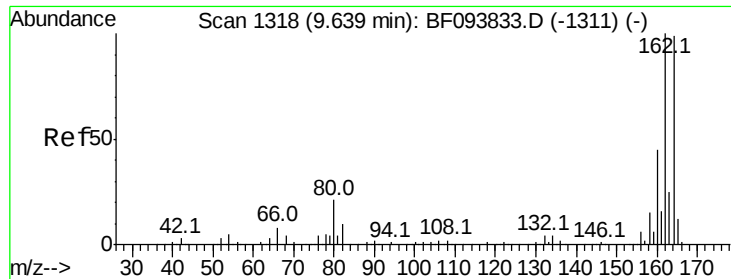
Tot Ion:	127	Resp:	85826
Ion	Ratio	Lower	Upper
127	100		
129	81.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
2-Methylnaphthalene
Concen: 7.28 ng
RT: 8.31 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

Tgt Ion:	142	Resp:	148973
Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9
115	29.2	27.1	40.7

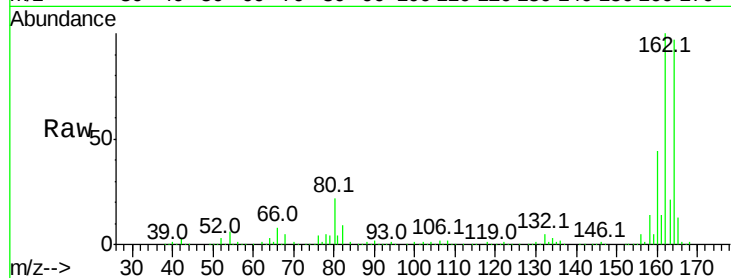




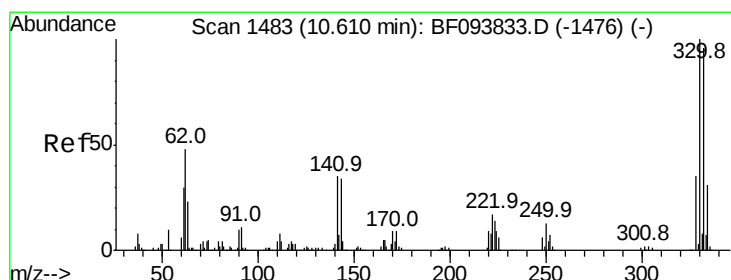
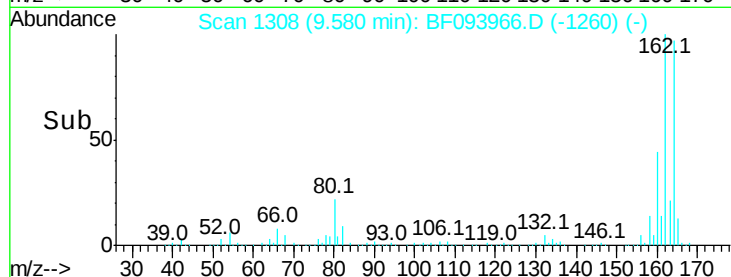
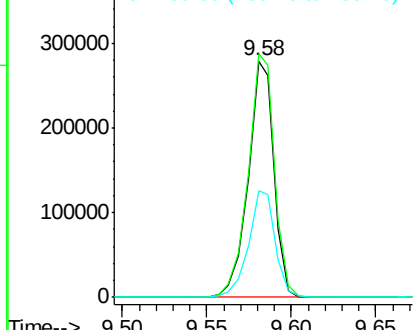
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF093966.D
 Acq: 28 Mar 2017 2:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 296142
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 45.0 36.2 54.2

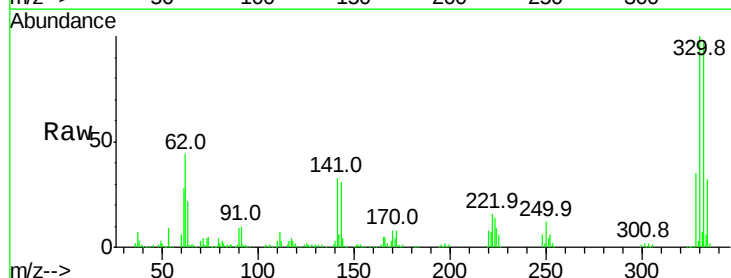


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

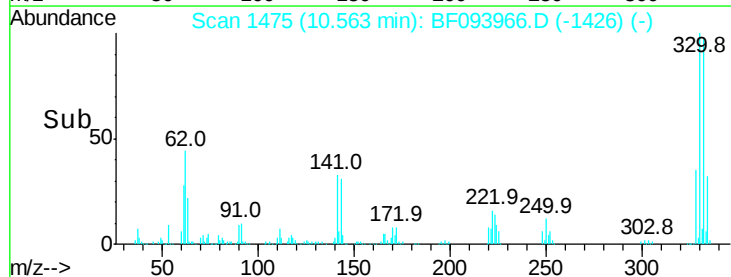
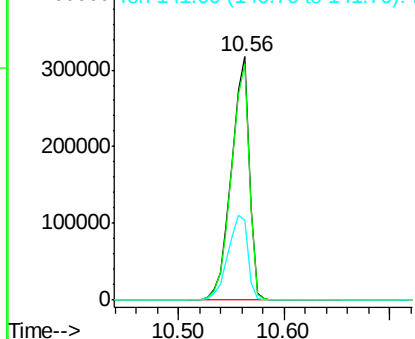


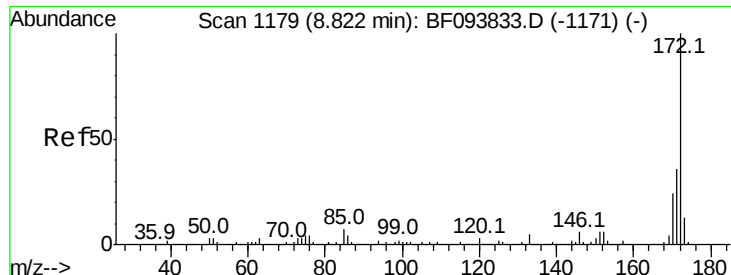
#41
 2,4,6-Tribromophenol
 Concen: 157.83 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093966.D
 Acq: 28 Mar 2017 2:26

Tgt Ion:330 Resp: 369343
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.5 31.4 47.2



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: 91.60 ng

RT: 8.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_G

ClientSampleId :

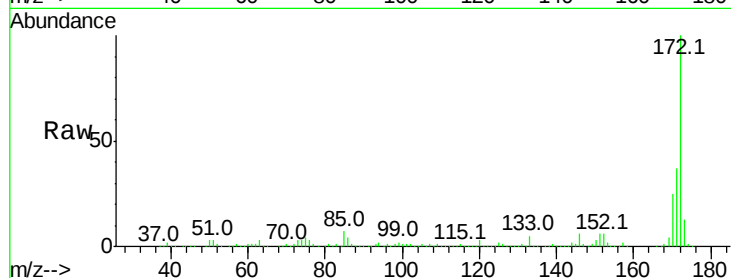
Tot Ion:172 Resp: 1778568

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

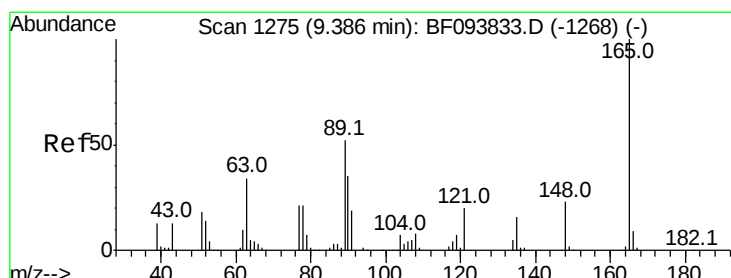
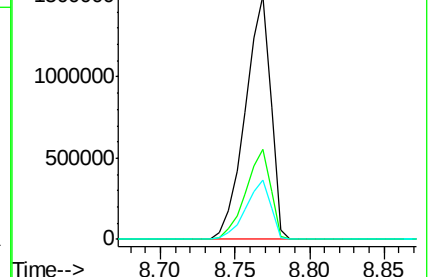
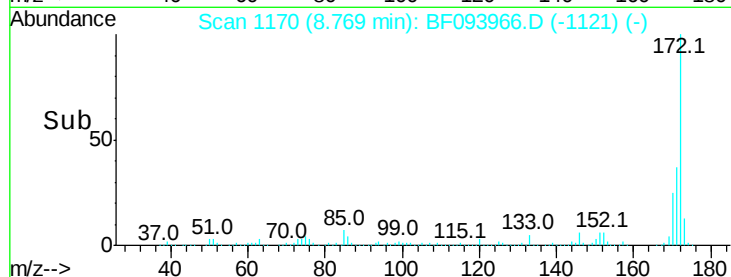
170 24.6 19.8 29.8



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: 7.90 ng

RT: 9.58 min Scan# 1308

Delta R.T. 0.23 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

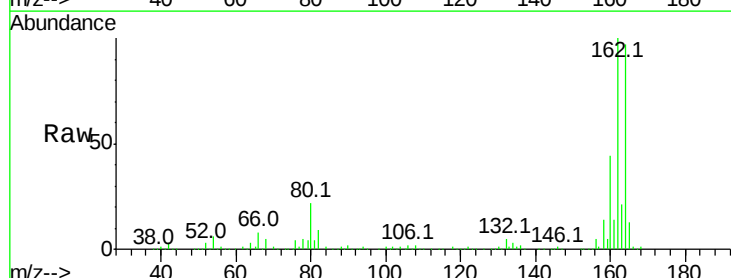
Tgt Ion:165 Resp: 38126

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

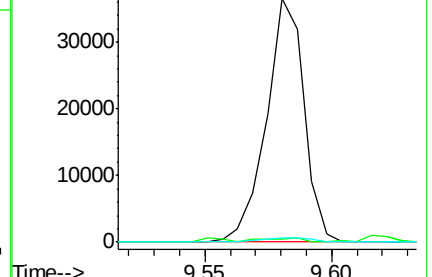
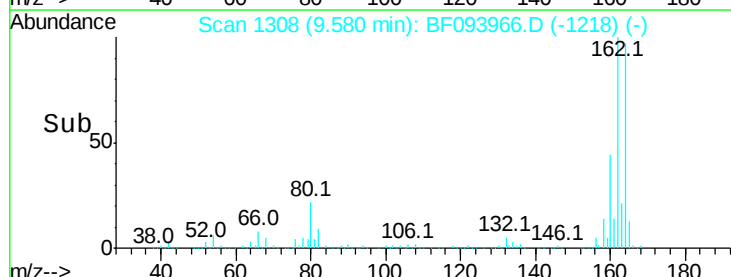
89 1.6 37.1 55.7#

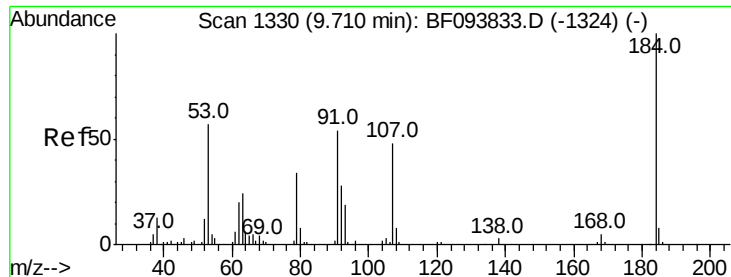


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

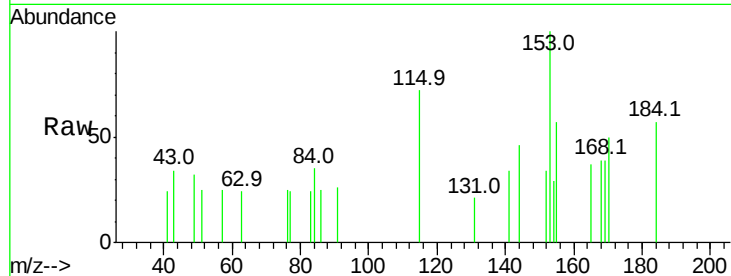




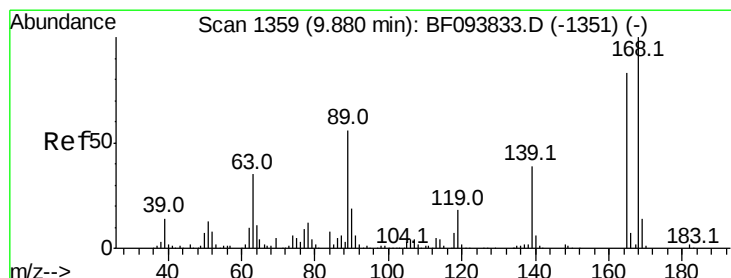
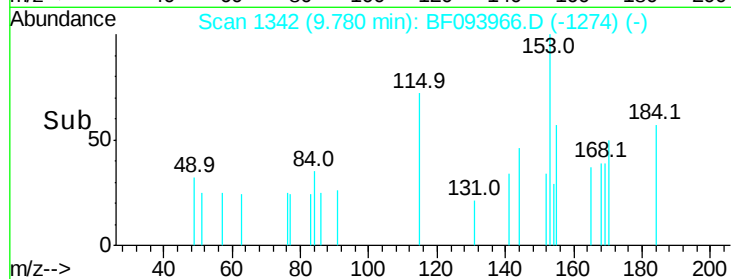
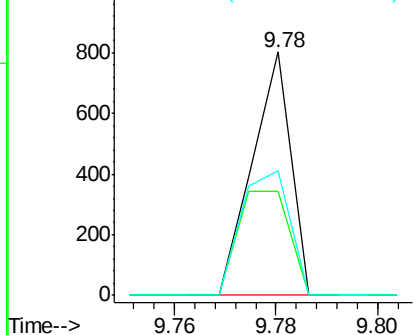
#53
2,4-Dinitrophenol
Concen: 4.82 ng
RT: 9.78 min Scan# 1342
Delta R.T. 0.10 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 420
Ion Ratio Lower Upper
184 100
63 42.8 62.7 94.1#
154 51.2 81.1 121.7#

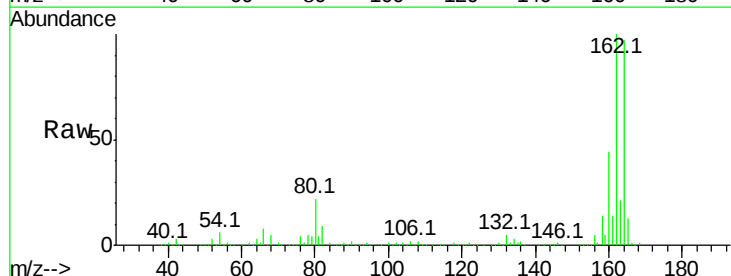


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

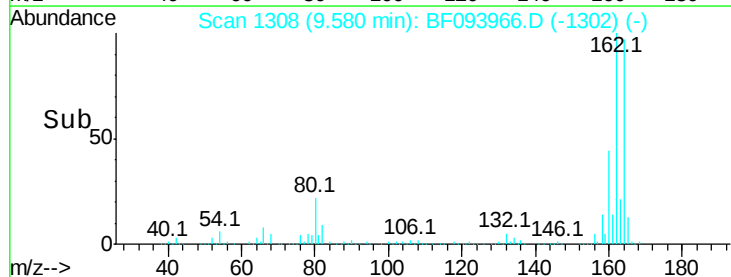
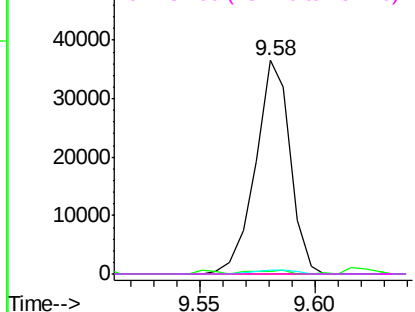


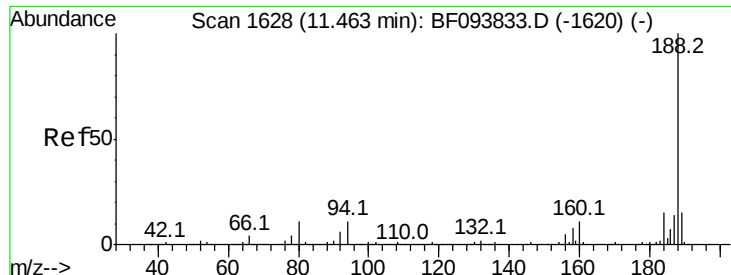
#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.26 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

Tgt Ion:165 Resp: 38127
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.6 46.4 69.6#
182 0.0 1.8 2.6#



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: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_G

ClientSampleId :

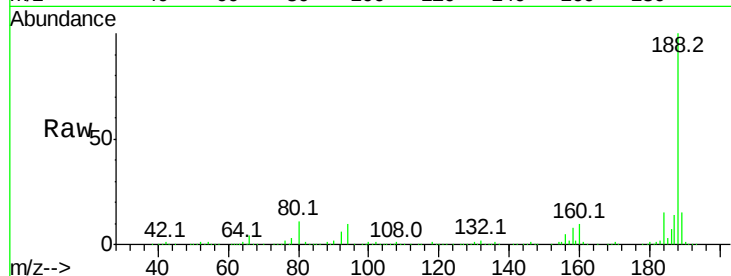
Tot Ion:188 Resp: 557889

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

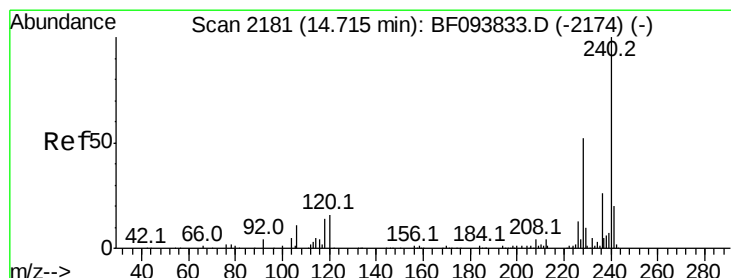
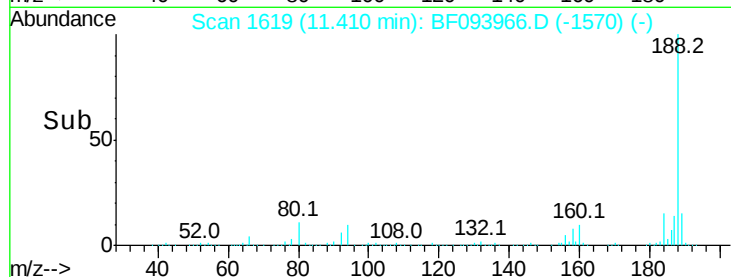
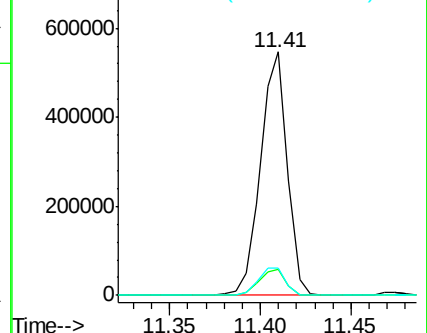
80 11.4 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

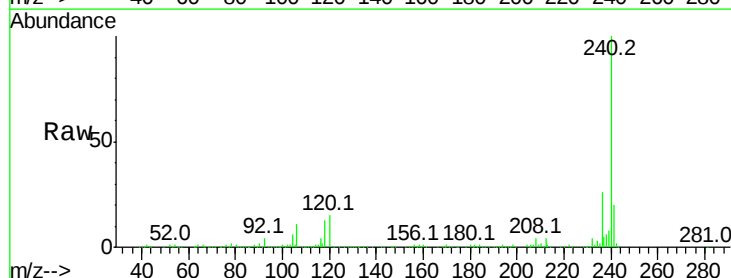
Tgt Ion:240 Resp: 473183

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

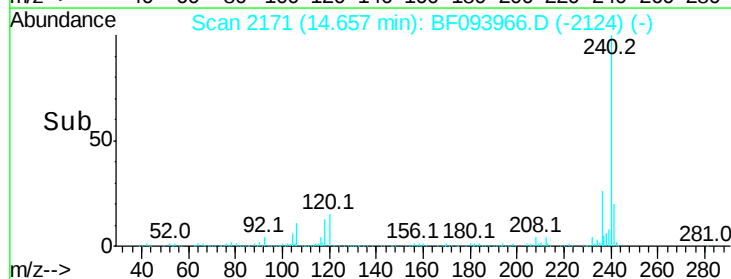
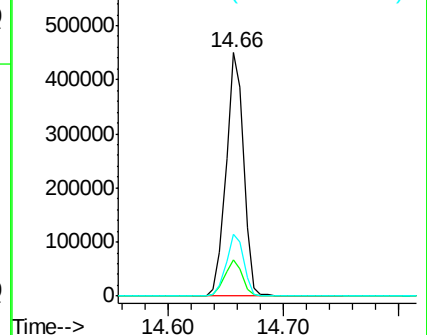
236 25.7 20.5 30.7

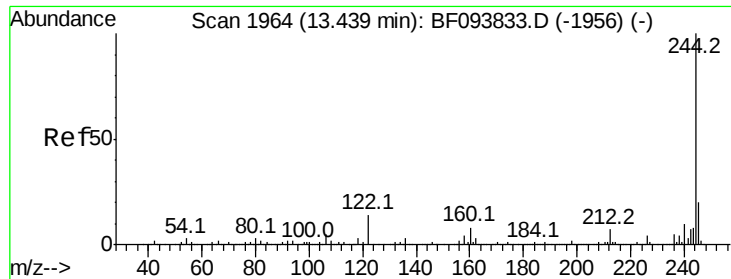


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.03 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_G

ClientSampleId :

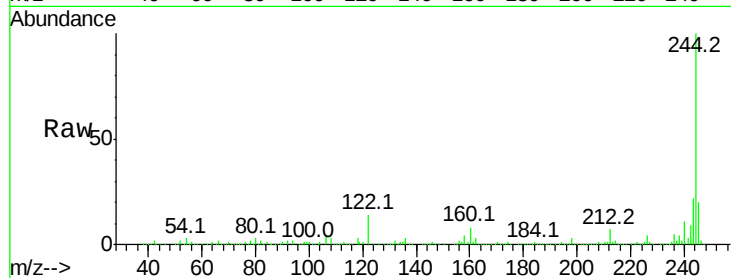
Tot Ion:244 Resp: 1668236

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

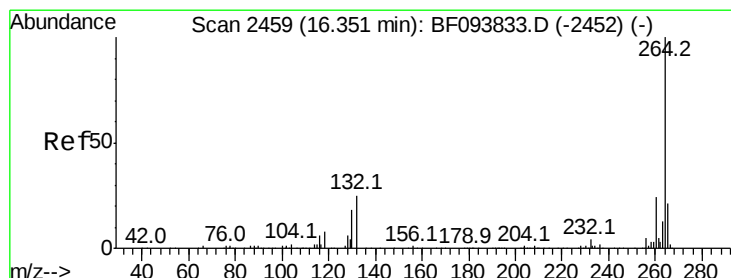
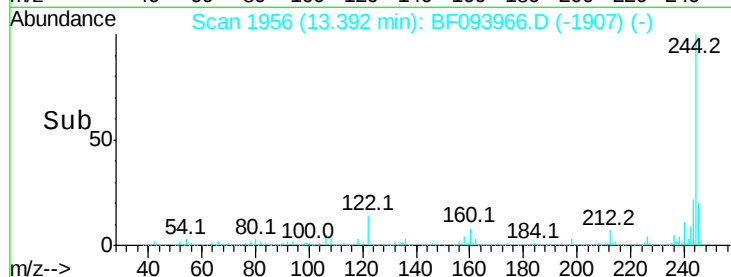
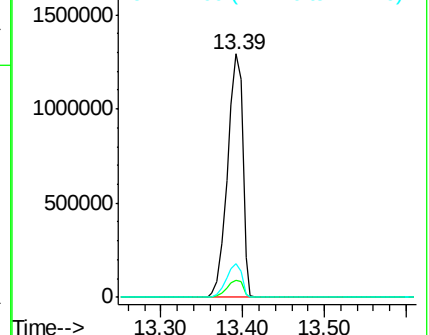
122 13.7 10.3 15.5



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: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

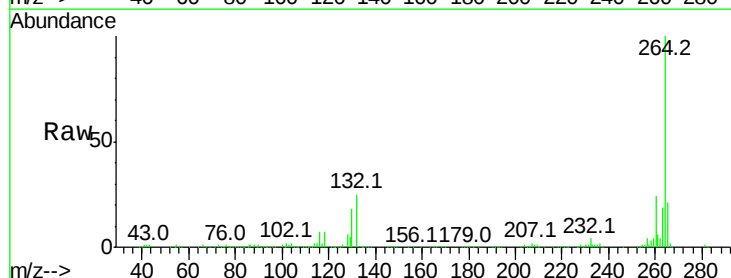
Tgt Ion:264 Resp: 294817

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.8 17.2 25.8



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

