

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093888.D
 Acq On : 23 Mar 2017 19:31
 Operator : SJ/MA
 Sample : I2371-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0668

Quant Time: Mar 24 01:06:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

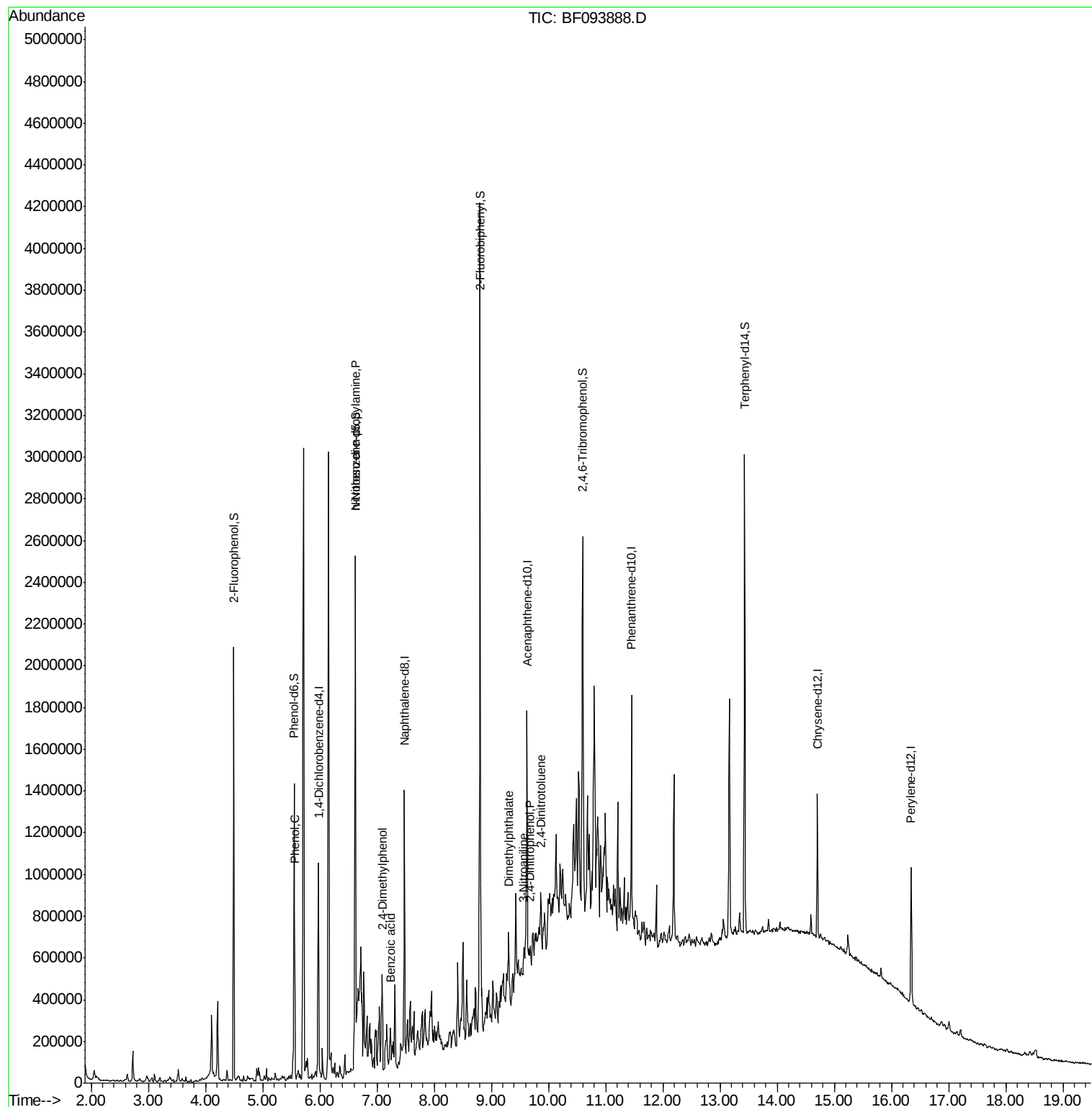
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	164344	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	642863	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	274589	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	417405	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	271144	20.00	ng	-0.01
86) Perylene-d12	16.34	264	280068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	589195	60.55	ng	-0.01
7) Phenol-d6	5.55	99	477147	39.64	ng	-0.02
23) Nitrobenzene-d5	6.62	82	881009	78.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	260939	120.26	ng	-0.01
44) 2-Fluorobiphenyl	8.80	172	1557973	86.54	ng	-0.02
78) Terphenyl-d14	13.43	244	846814	70.00	ng	0.00
Target Compounds						
10) Phenol	5.56	94	103691	7.57	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	6.62	70	119034	15.39	ng	# 79
27) 2,4-Dimethylphenol	7.09	122	102174	11.19	ng	# 91
32) Benzoic acid	7.23	122	37204	6.12	ng	# 12
49) Dimethylphthalate	9.30	163	91784	4.70	ng	# 99
52) 3-Nitroaniline	9.57	138	13164	2.51	ng	# 3
53) 2,4-Dinitrophenol	9.67	184	107	4.70	ng	# 1
56) 2,4-Dinitrotoluene	9.86	165	13929	2.48	ng	# 48

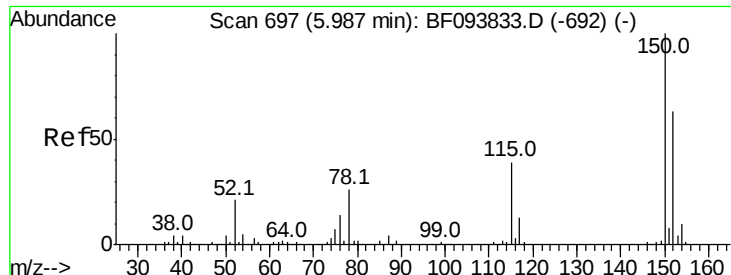
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
Data File : BF093888.D
Acq On : 23 Mar 2017 19:31
Operator : SJ/MA
Sample : I2371-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0668

Quant Time: Mar 24 01:06:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

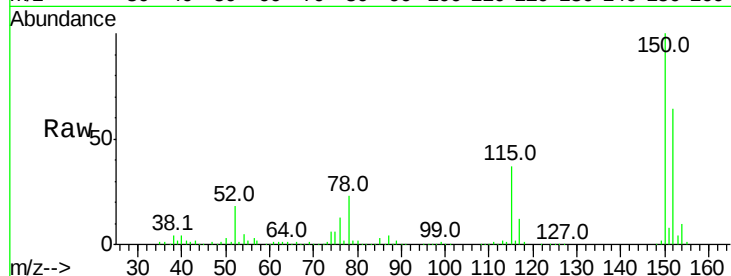
Tot Ion:152 Resp: 164344

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

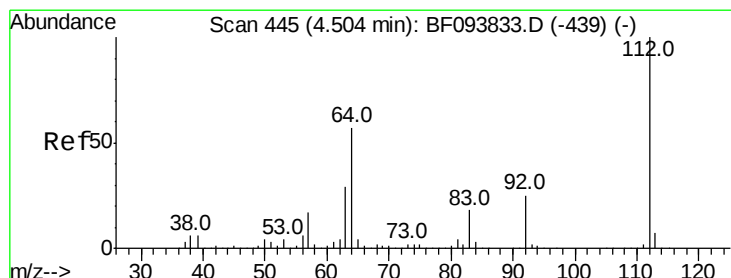
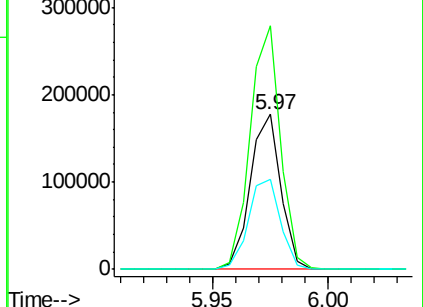
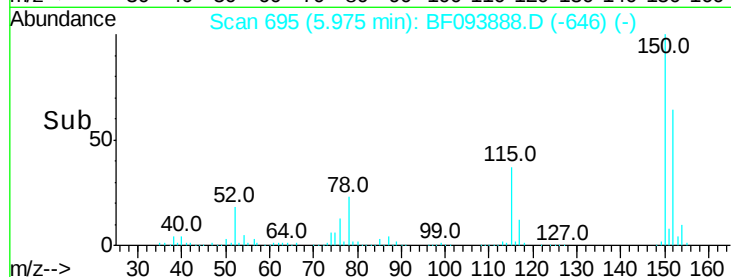
115 58.3 52.2 78.2



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: 60.55 ng

RT: 4.49 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

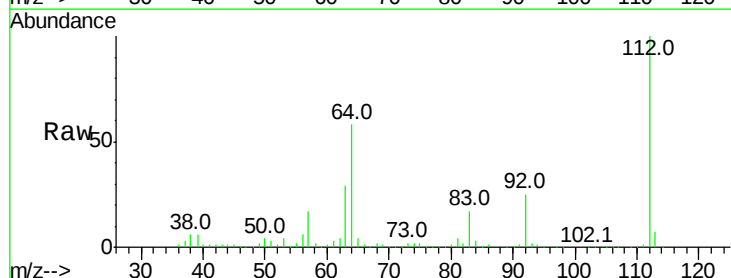
Tgt Ion:112 Resp: 589195

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

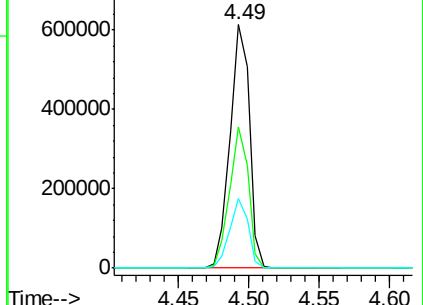
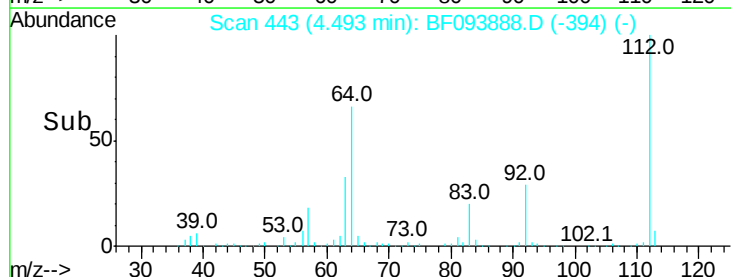
63 28.7 23.4 35.0

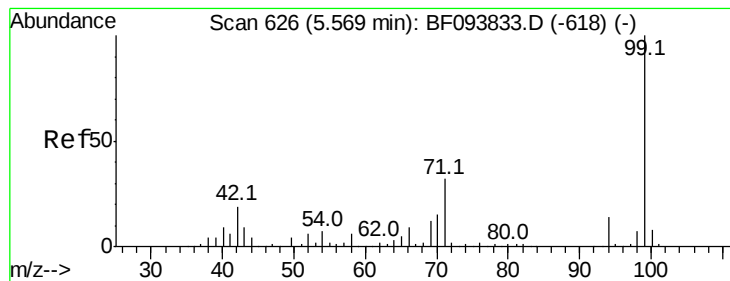


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.64 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

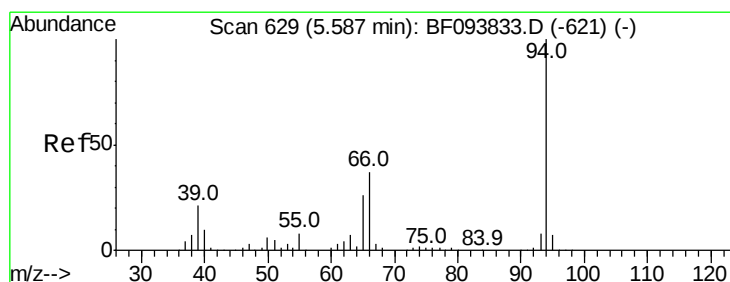
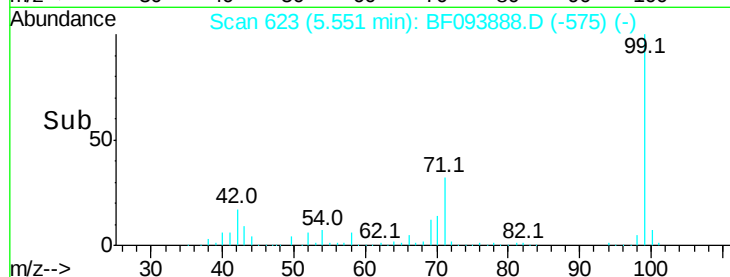
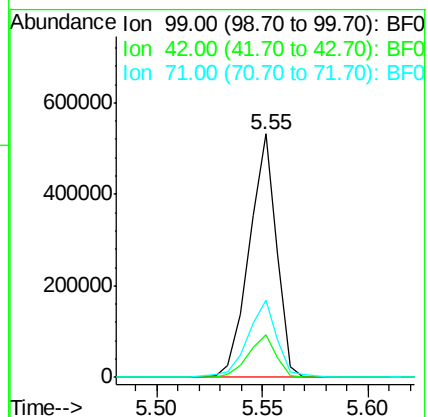
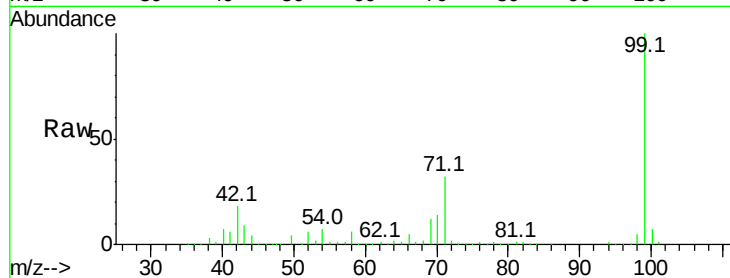
Tot Ion: 99 Resp: 477147

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 31.6 24.5 36.7



#10

Phenol

Concen: 7.57 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

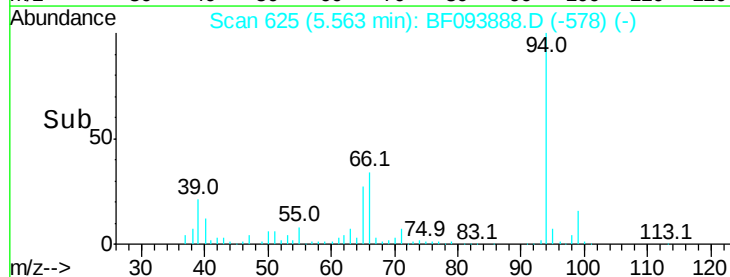
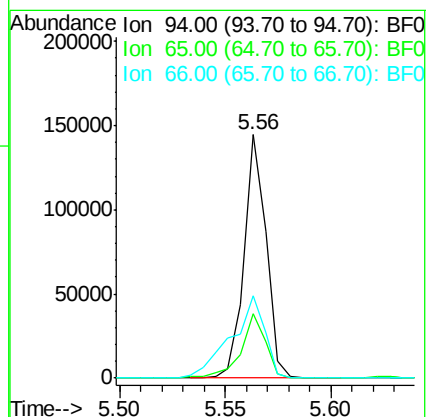
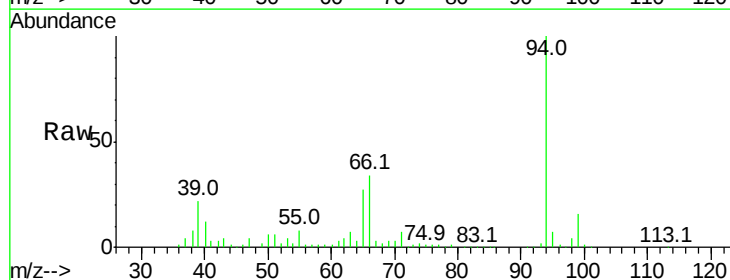
Tgt Ion: 94 Resp: 103691

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

66 33.8 23.1 63.1





#19

n-Nitroso-di-n-propylamine

Concen: 15.39 ng

RT: 6.62 min Scan# 805

Delta R.T. 0.15 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

Tot Ion: 70 Resp: 119034

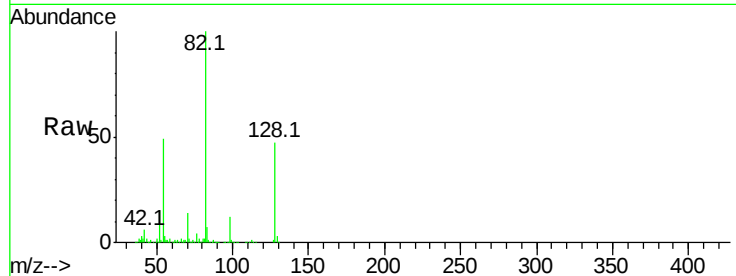
Ion Ratio Lower Upper

70 100

42 47.4 47.2 70.8

101 1.2 7.2 10.8#

130 1.9 15.9 23.9#

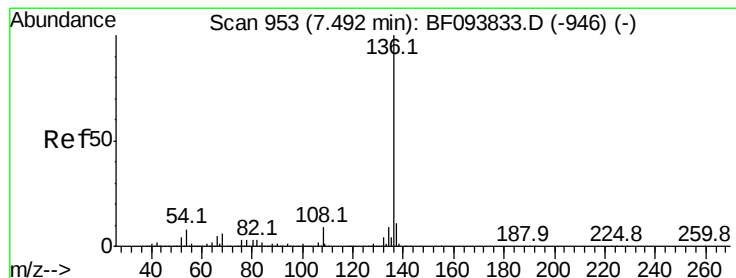
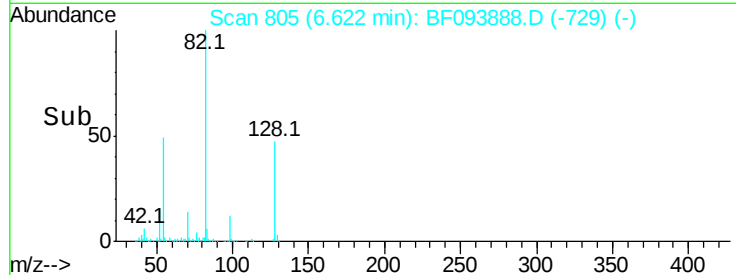
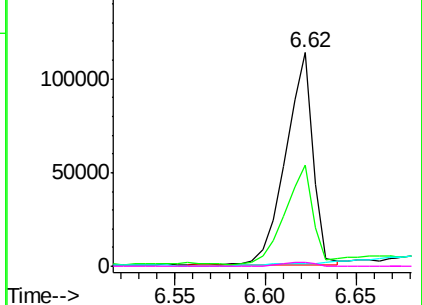


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Tgt Ion: 136 Resp: 642863

Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

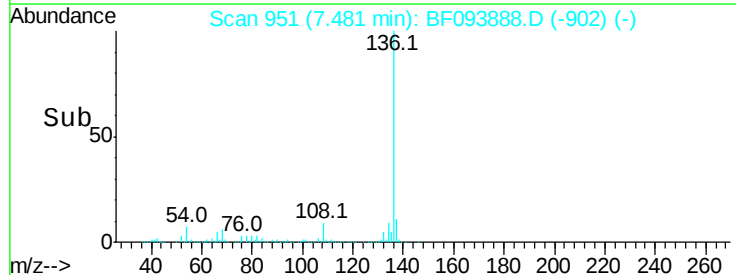
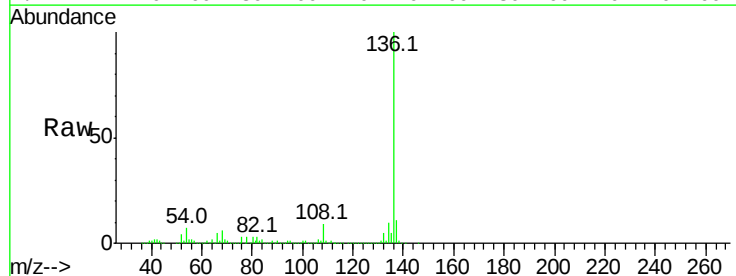
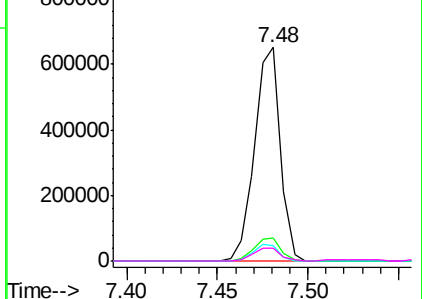
68 6.0 4.1 6.1

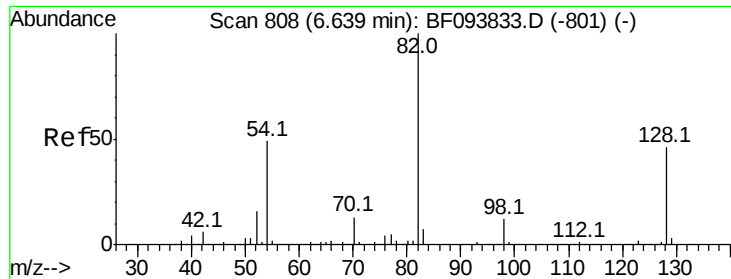
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

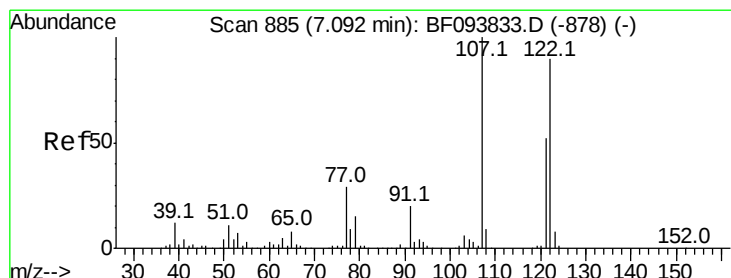
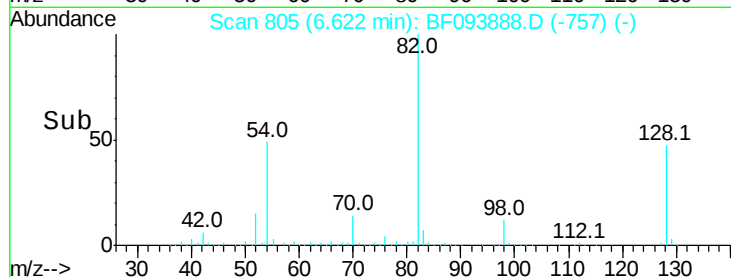
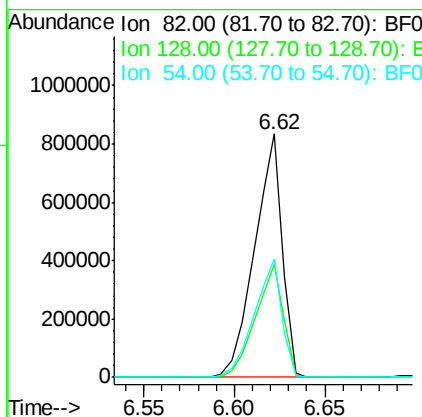
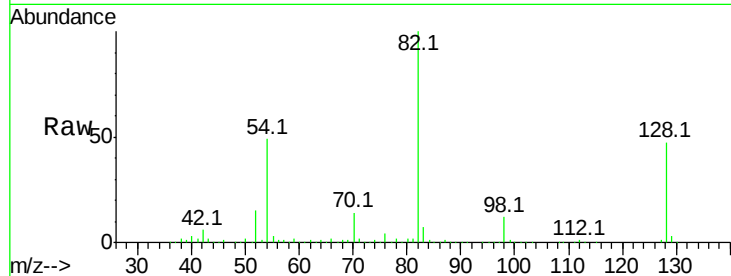




#23
 Nitrobenzene-d5
 Concen: 78.21 ng
 RT: 6.62 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

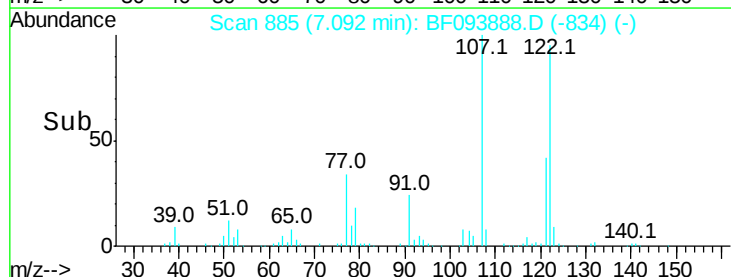
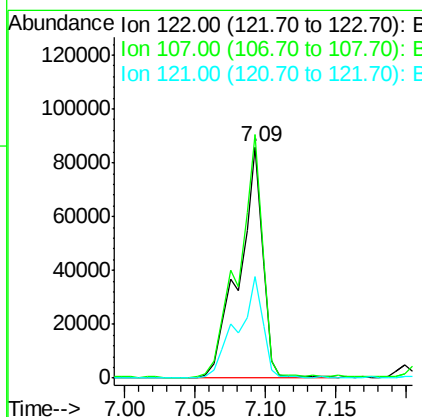
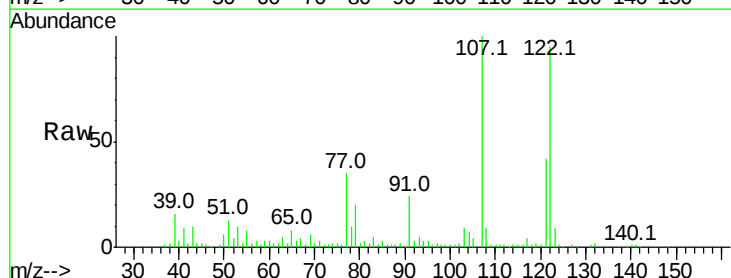
Instrument :
 BNA_F
 ClientSampleId :
 S8-0668

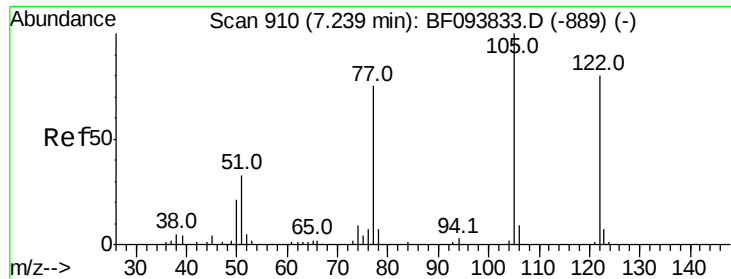
Tot Ion	82	Resp	881009
Ion Ratio	100		
Lower		34.0	51.0
Upper		63.2	



#27
 2,4-Dimethylphenol
 Concen: 11.19 ng
 RT: 7.09 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

Tgt Ion	122	Resp	102174
Ion Ratio	100		
Lower		89.2	133.8
Upper		67.8	

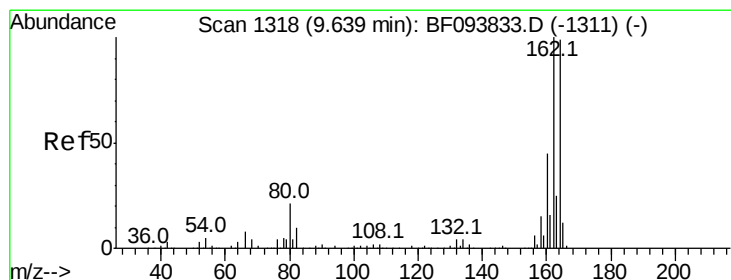
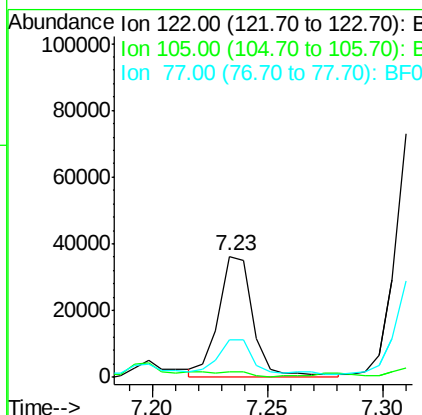
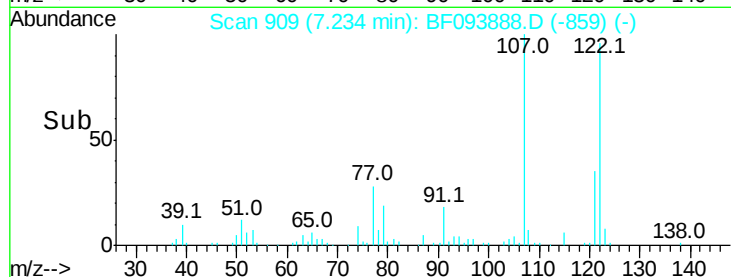
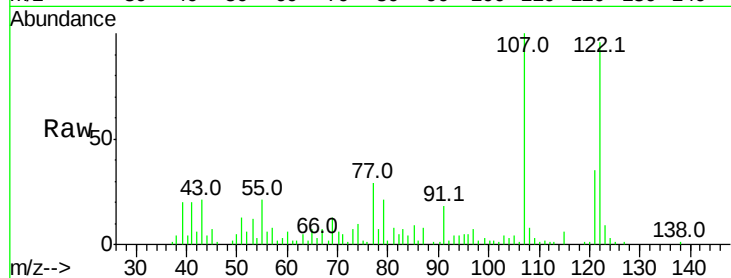




#32
Benzoic acid
Concen: 6.12 ng
RT: 7.23 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF093888.D
Acq: 23 Mar 2017 19:31

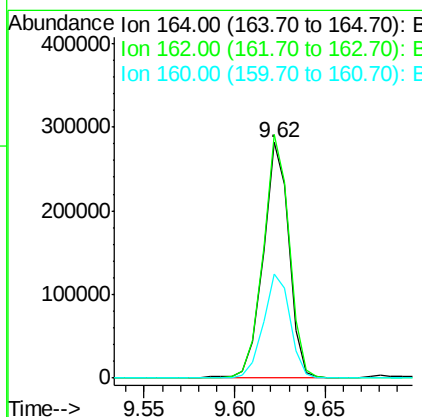
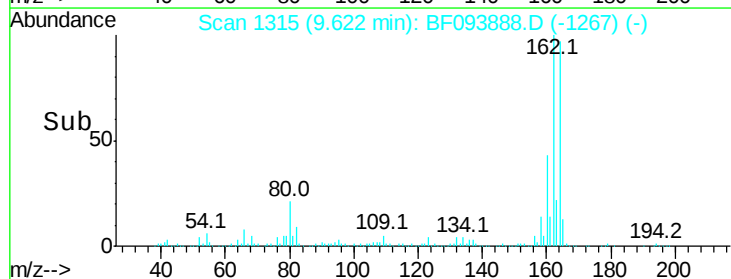
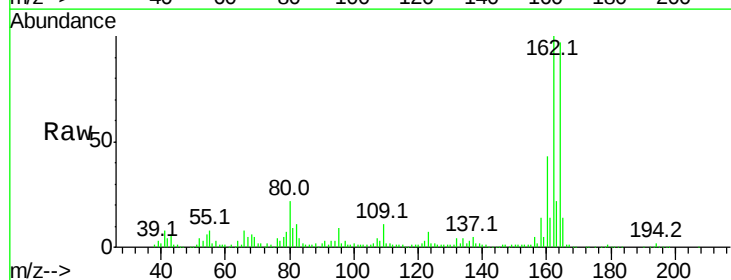
Instrument :
BNA_F
ClientSampleId :
S8-0668

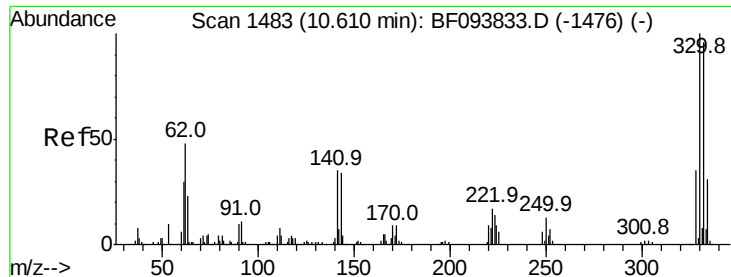
Tot Ion:122 Resp: 37204
Ion Ratio Lower Upper
122 100
105 4.4 103.3 143.3#
77 30.6 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093888.D
Acq: 23 Mar 2017 19:31

Tgt Ion:164 Resp: 274589
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 44.4 36.2 54.2

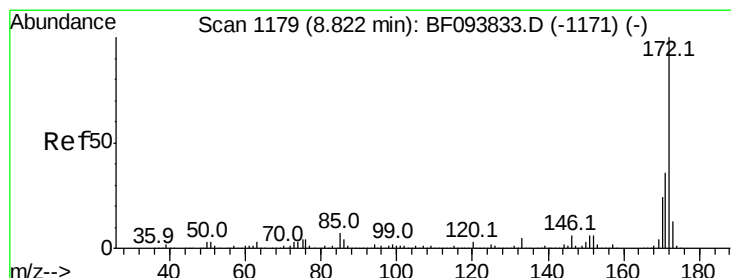
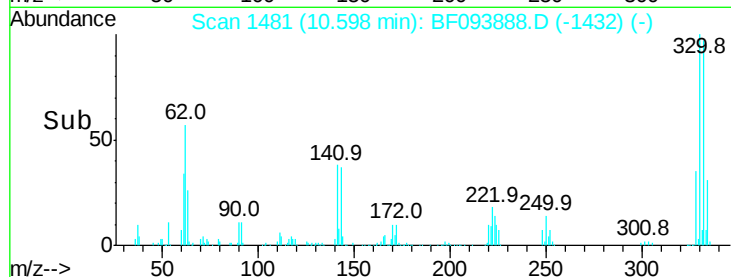
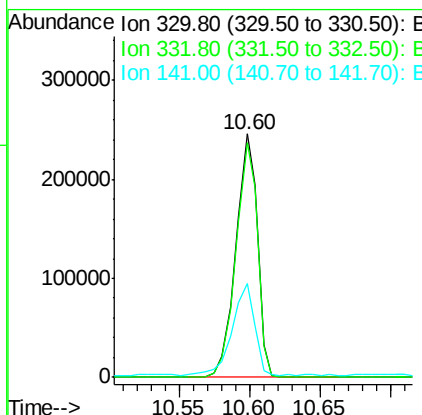
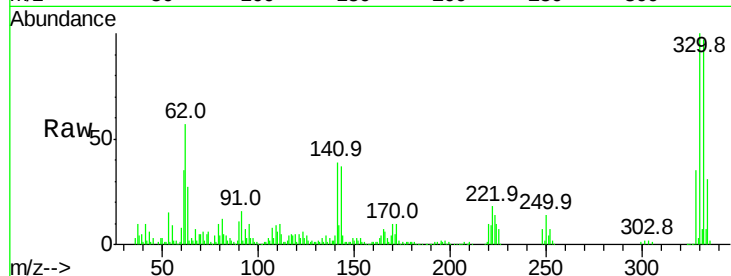




#41
 2,4,6-Tribromophenol
 Concen: 120.26 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

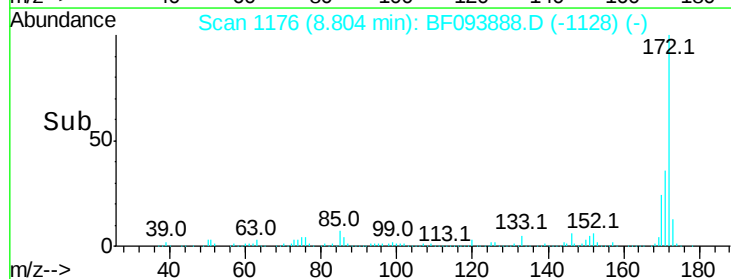
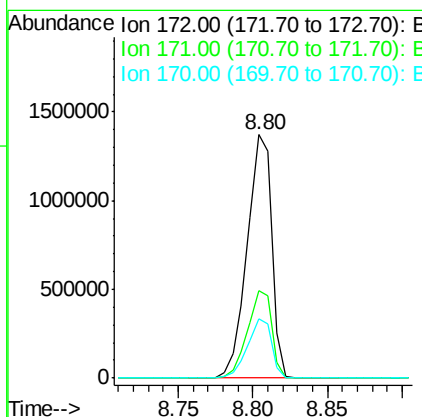
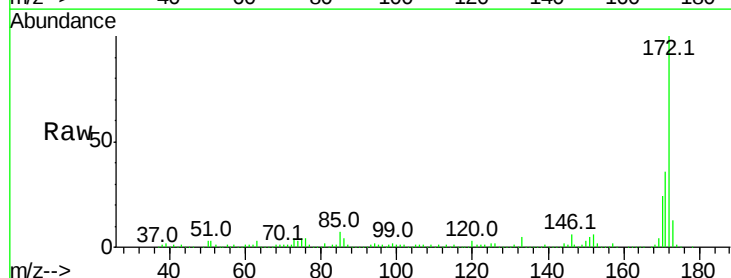
Instrument :
 BNA_F
 ClientSampleId :
 S8-0668

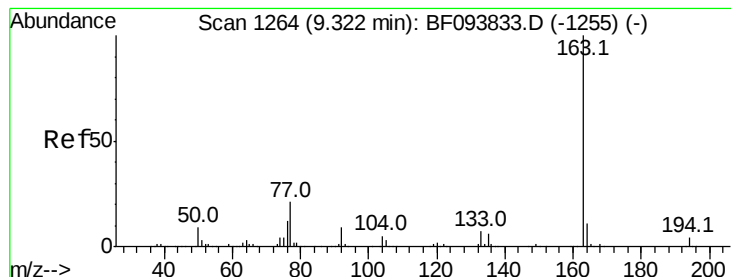
Tot Ion:330 Resp: 260939
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 86.54 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

Tgt Ion:172 Resp: 1557973
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 19.8 29.8





#49

Dimethylphthalate

Concen: 4.70 ng

RT: 9.30 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

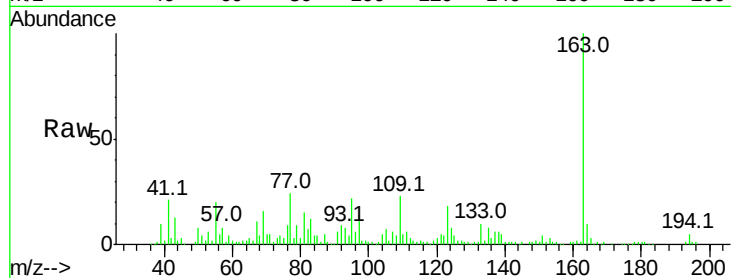
Tot Ion:163 Resp: 91784

Ion Ratio Lower Upper

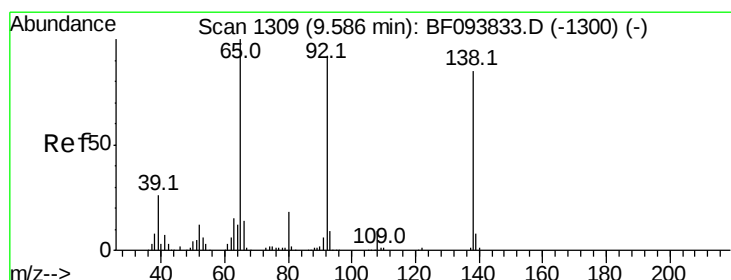
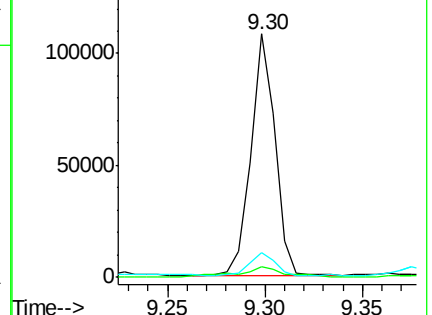
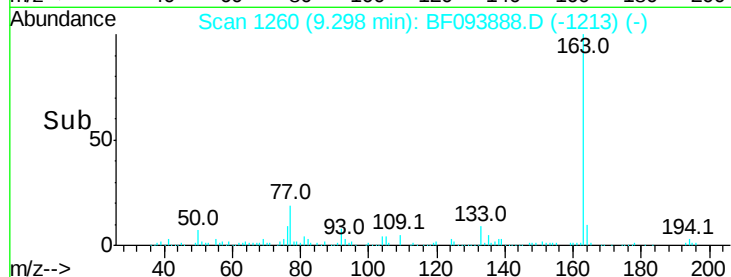
163 100

194 4.5 2.6 4.0#

164 10.3 8.4 12.6



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



#52

3-Nitroaniline

Concen: 2.51 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

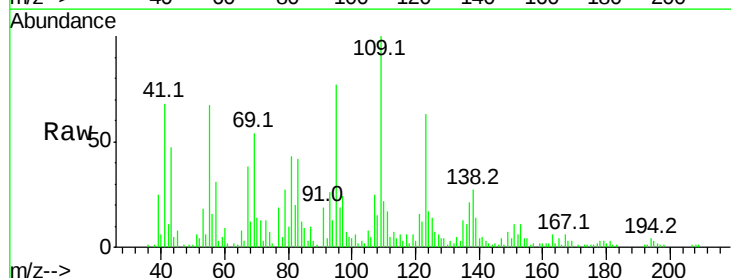
Tgt Ion:138 Resp: 13164

Ion Ratio Lower Upper

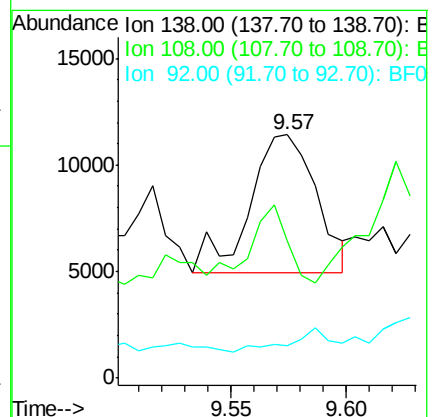
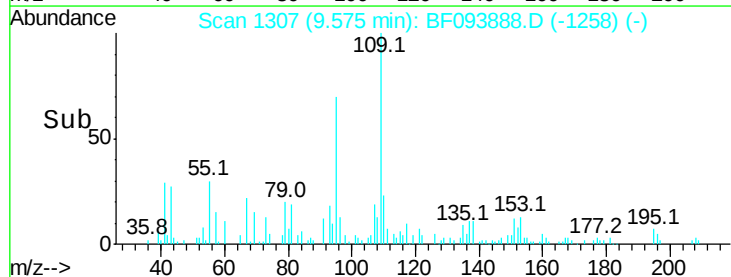
138 100

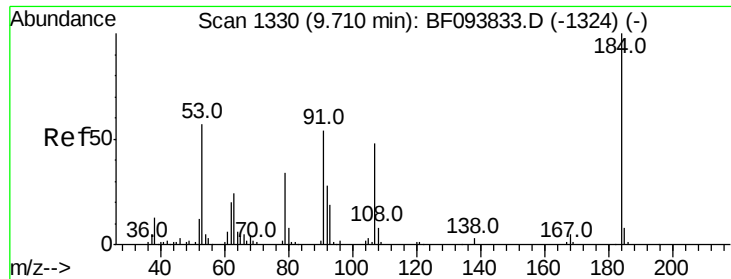
108 56.4 9.1 13.7#

92 13.1 93.8 140.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

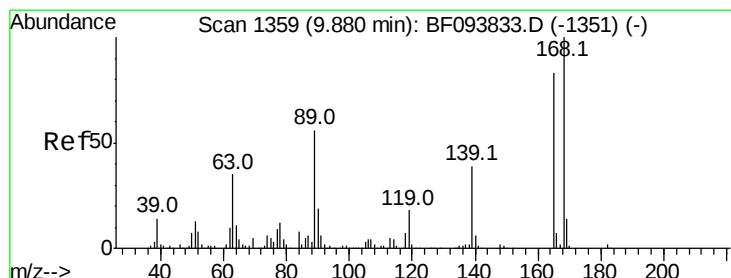
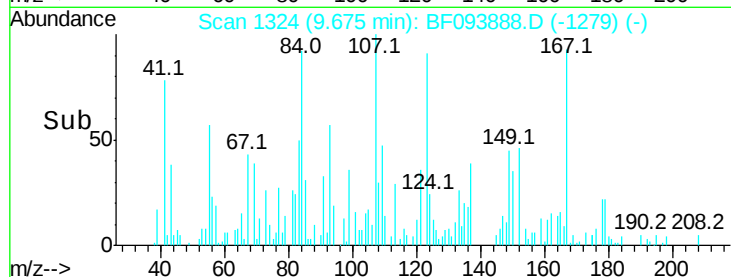
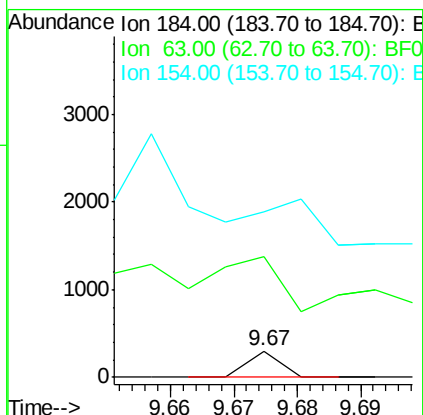
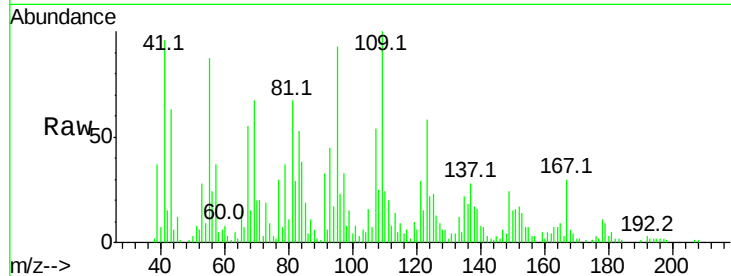




#53
 2,4-Dinitrophenol
 Concen: 4.70 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

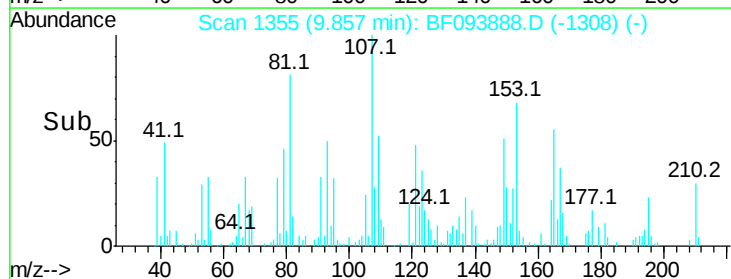
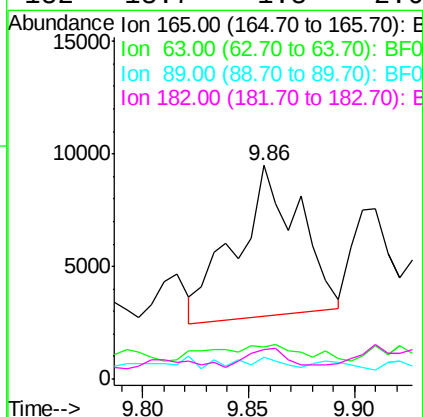
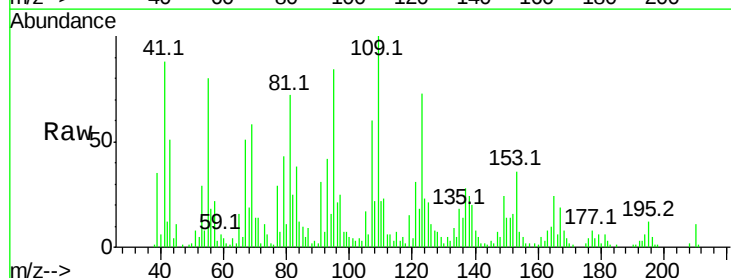
Instrument :
 BNA_F
 ClientSampleId :
 S8-0668

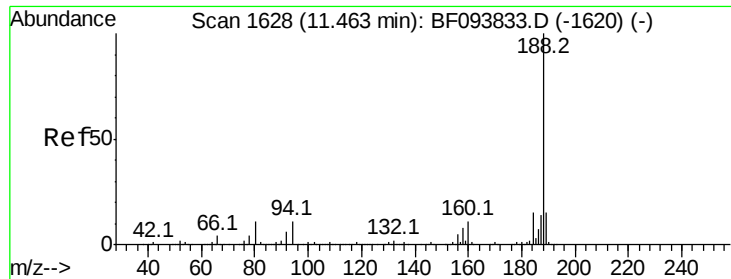
Tot Ion:184 Resp: 107
 Ion Ratio Lower Upper
 184 100
 63 458.6 62.7 94.1#
 154 624.8 81.1 121.7#



#56
 2,4-Dinitrotoluene
 Concen: 2.48 ng
 RT: 9.86 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF093888.D
 Acq: 23 Mar 2017 19:31

Tgt Ion:165 Resp: 13929
 Ion Ratio Lower Upper
 165 100
 63 14.7 25.4 38.0#
 89 10.5 46.4 69.6#
 182 13.7 1.8 2.6#

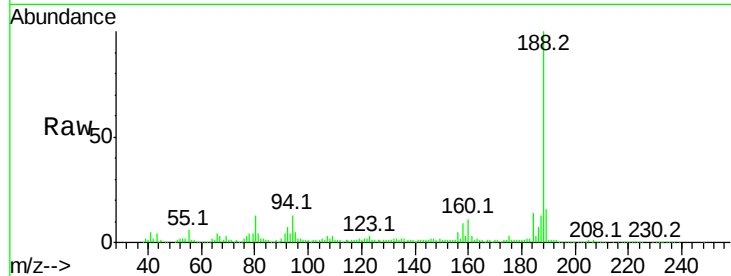




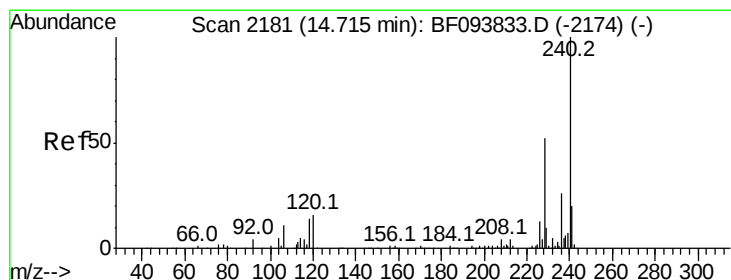
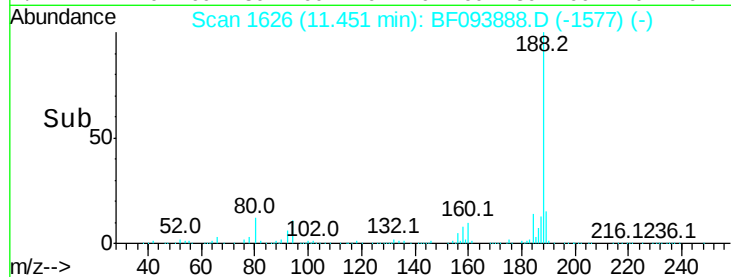
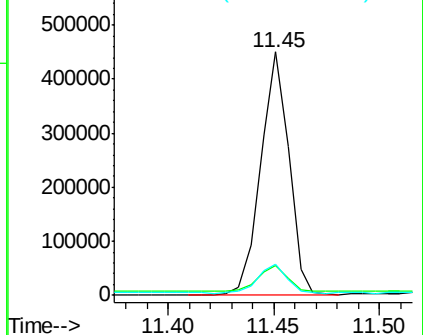
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093888.D
Acq: 23 Mar 2017 19:31

Instrument :
BNA_F
ClientSampleId :
S8-0668

Tot Ion:188 Resp: 417405
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.8 10.2 15.2

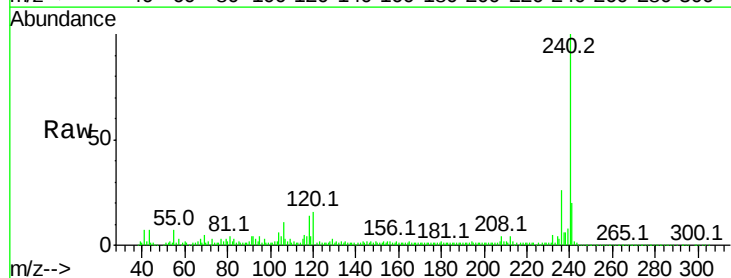


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

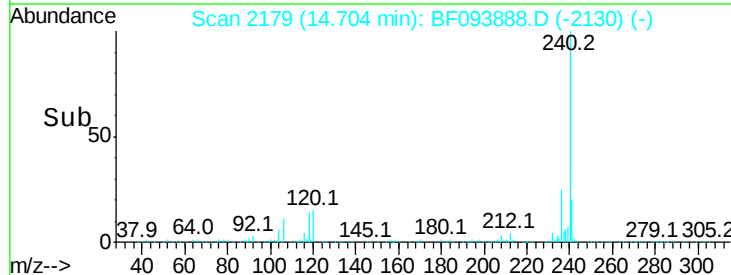
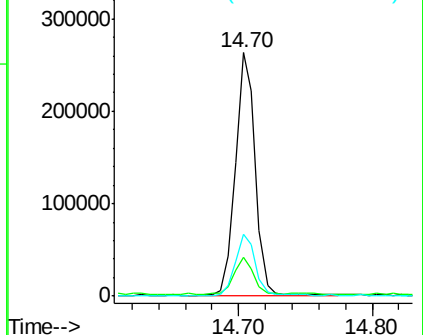


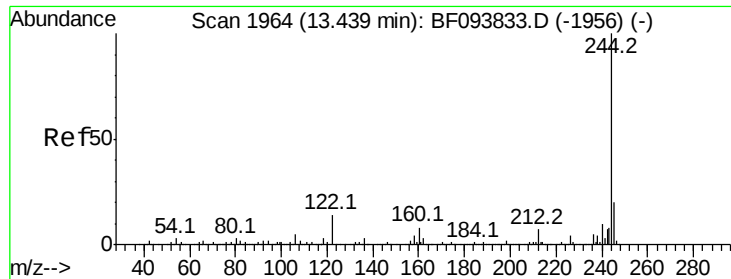
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093888.D
Acq: 23 Mar 2017 19:31

Tgt Ion:240 Resp: 271144
Ion Ratio Lower Upper
240 100
120 16.2 5.8 8.8#
236 25.6 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: 70.00 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

Instrument :

BNA_F

ClientSampleId :

S8-0668

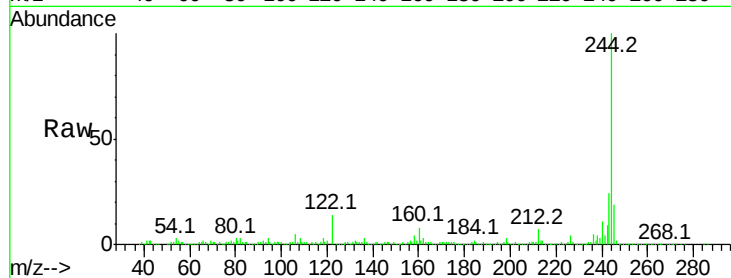
Tot Ion:244 Resp: 846814

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

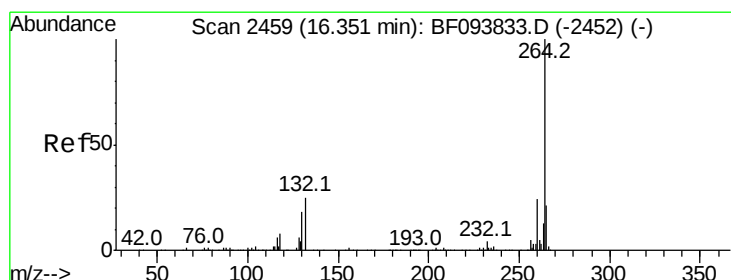
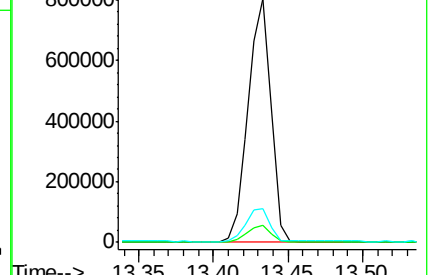
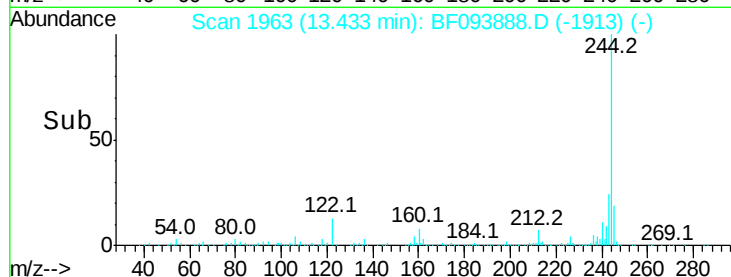
122 13.6 10.3 15.5



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: 16.34 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF093888.D

Acq: 23 Mar 2017 19:31

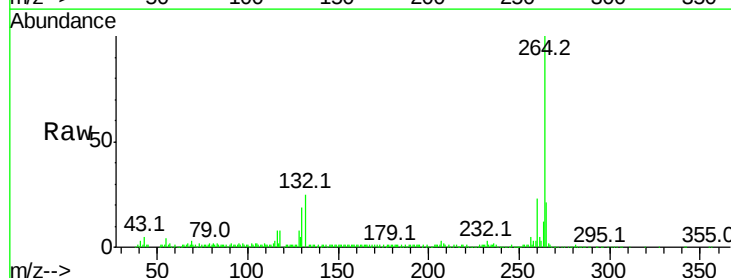
Tgt Ion:264 Resp: 280068

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.1 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

