

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094228.D
 Acq On : 6 Apr 2017 15:12
 Operator : SJ/MA
 Sample : I2532-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48A-9-11

Quant Time: Apr 06 16:15:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

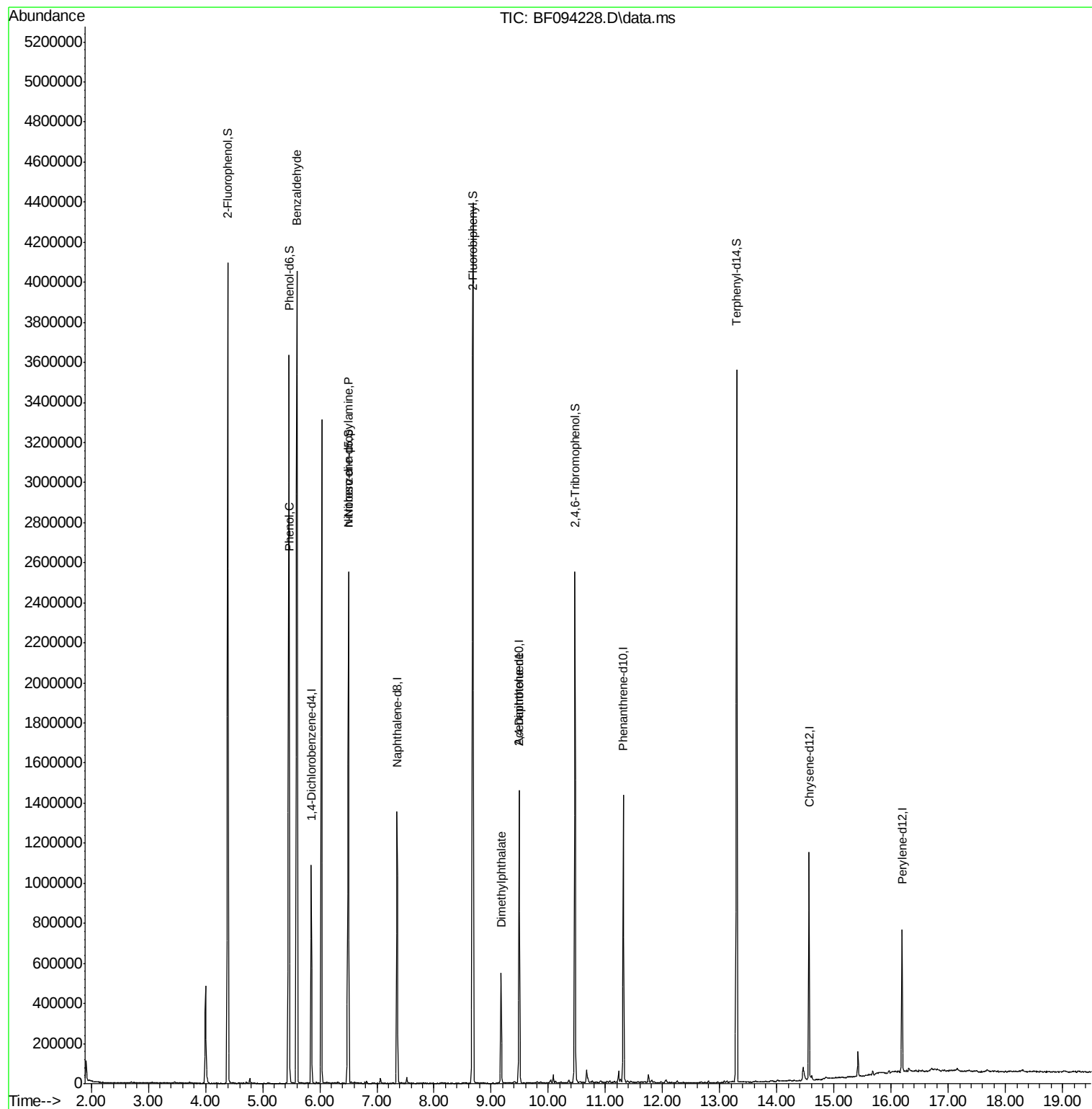
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	163400	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	673907	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	316472	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	567673	20.00	ng	-0.06
75) Chrysene-d12	14.562	240	422198	20.00	ng	-0.06
86) Perylene-d12	16.192	264	282663	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.392	112	1344997	139.03	ng	-0.04
7) Phenol-d6	5.463	99	1730443	144.59	ng	-0.05
23) Nitrobenzene-d5	6.504	82	1050682	88.98	ng	-0.05
41) 2,4,6-Tribromophenol	10.469	330	369328	147.68	ng	-0.05
44) 2-Fluorobiphenyl	8.680	172	1688663	81.39	ng	-0.05
78) Terphenyl-d14	13.298	244	1385265	73.54	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	5.598	77	28834	3.57	ng	83
10) Phenol	5.475	94	123218	9.05	ng	86
19) n-Nitroso-di-n-propyla...	6.504	70	138101	17.95	ng	# 77
49) Dimethylphthalate	9.174	163	255588	11.36	ng	98
56) 2,4-Dinitrotoluene	9.492	165	39223	6.05	ng	# 33

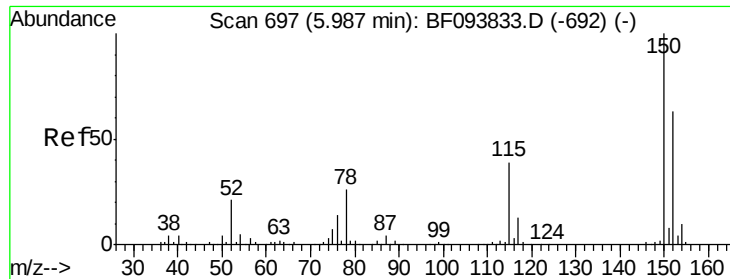
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
Data File : BF094228.D
Acq On : 6 Apr 2017 15:12
Operator : SJ/MA
Sample : I2532-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
48A-9-11

Quant Time: Apr 06 16:15:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.851 min Scan# 67

Delta R.T. -0.053 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

48A-9-11

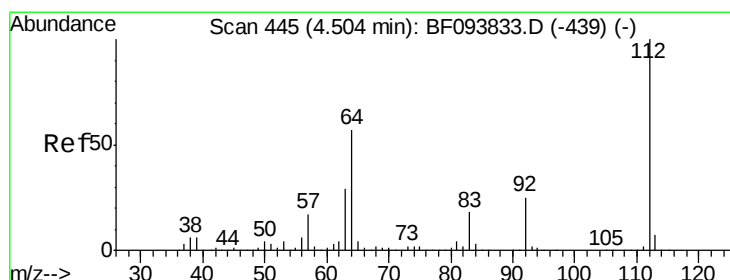
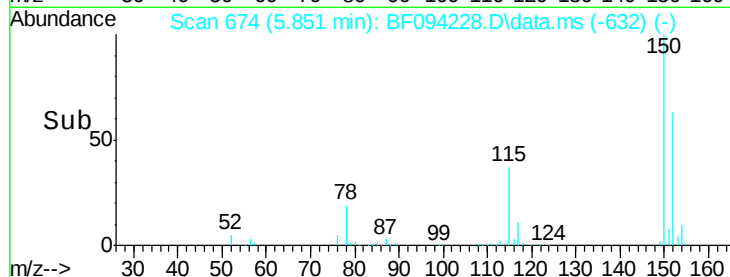
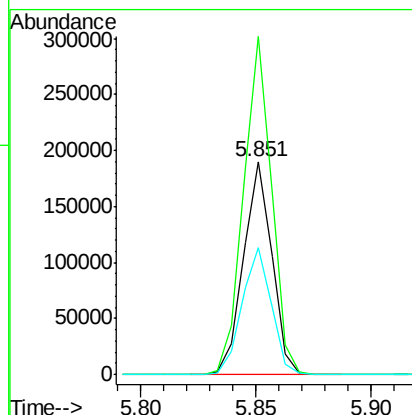
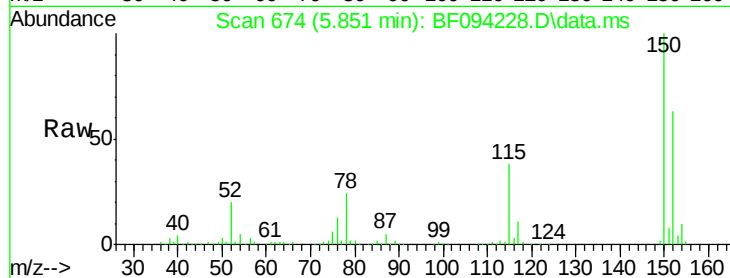
Tot Ion:152 Resp: 163400

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

115 59.8 52.2 78.2



#5

2-Fluorophenol

Concen: 139.03 ng

RT: 4.392 min Scan# 426

Delta R.T. -0.041 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

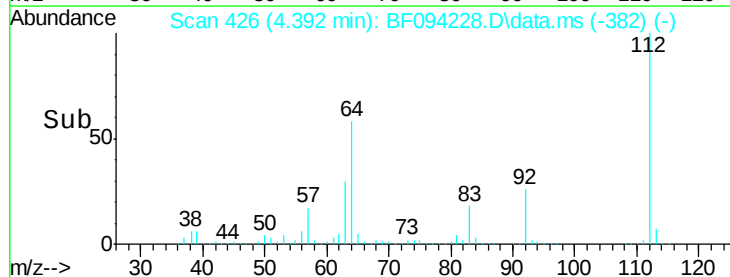
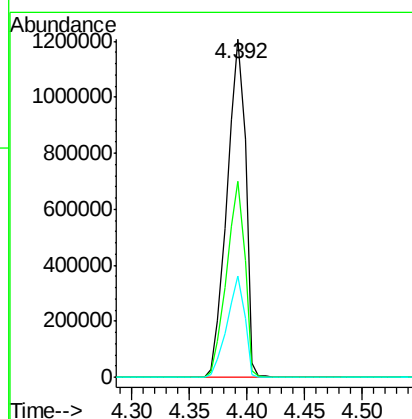
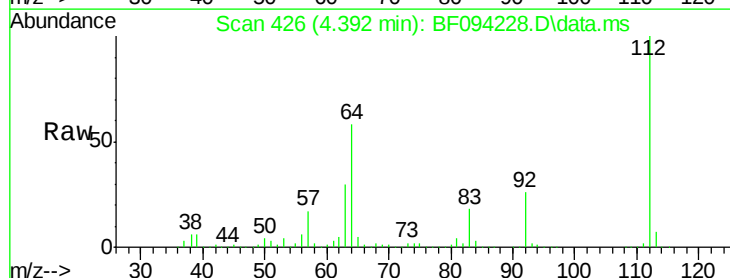
Tgt Ion:112 Resp: 1344997

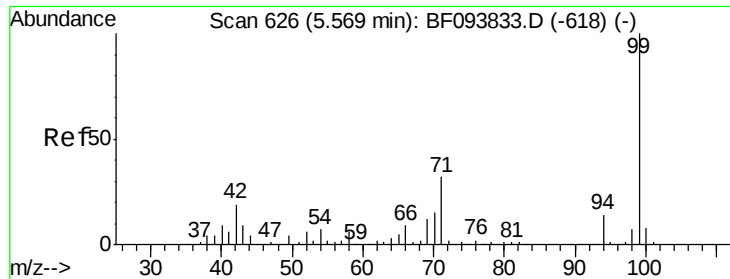
Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

63 29.8 23.4 35.0





#7

Phenol-d6

Concen: 144.59 ng

RT: 5.463 min Scan# 60

Delta R.T. -0.047 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

48A-9-11

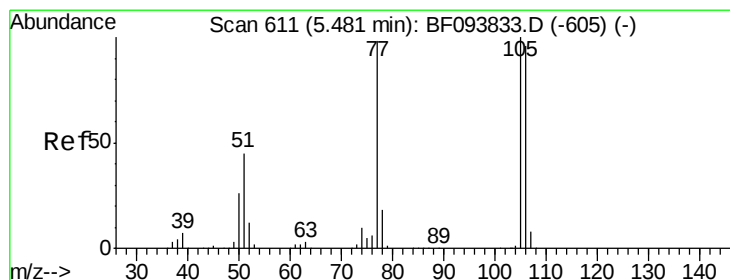
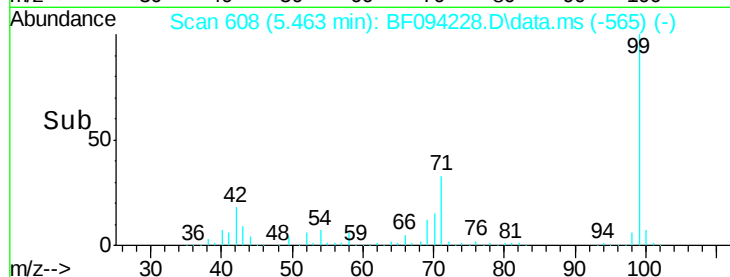
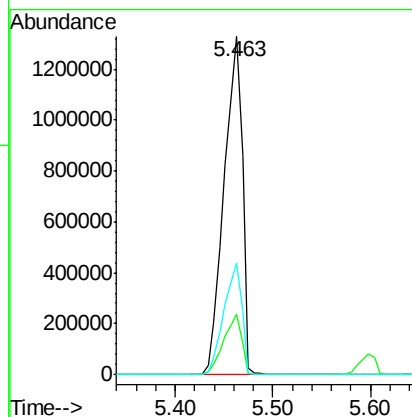
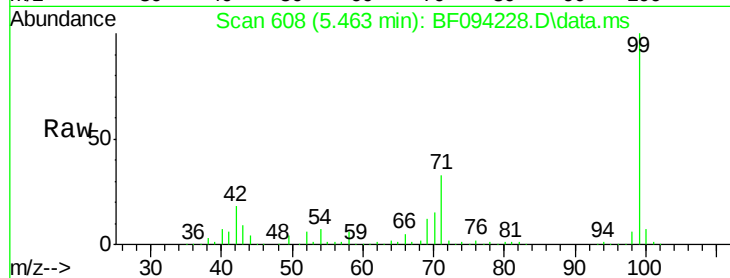
Tot Ion: 99 Resp: 1730443

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 33.0 24.5 36.7



#9

Benzaldehyde

Concen: 3.57 ng

RT: 5.598 min Scan# 631

Delta R.T. 0.200 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

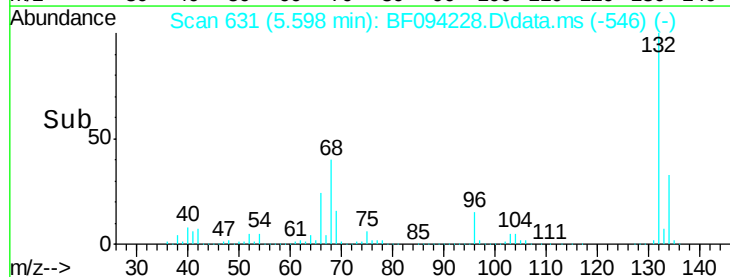
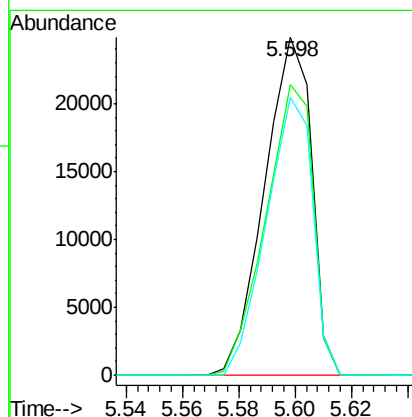
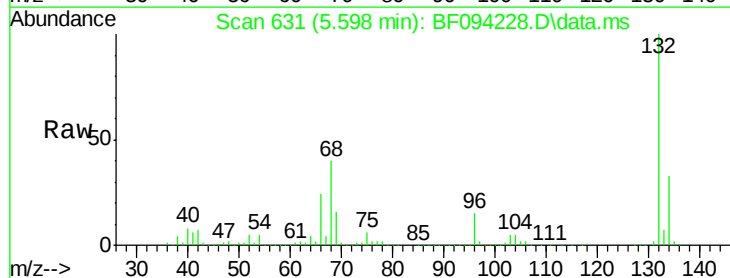
Tgt Ion: 77 Resp: 28834

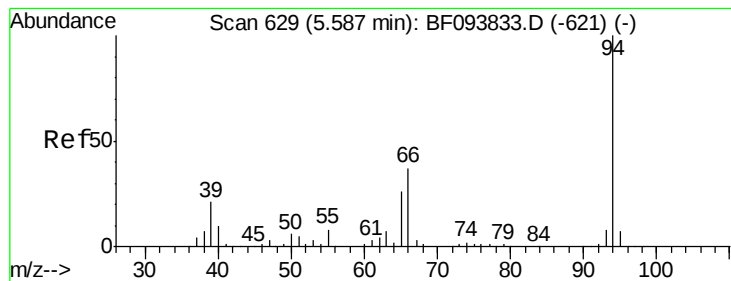
Ion Ratio Lower Upper

77 100

105 86.1 83.8 123.8

106 82.4 79.1 119.1





#10

Phenol

Concen: 9.05 ng

RT: 5.475 min Scan# 61

Delta R.T. -0.053 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

48A-9-11

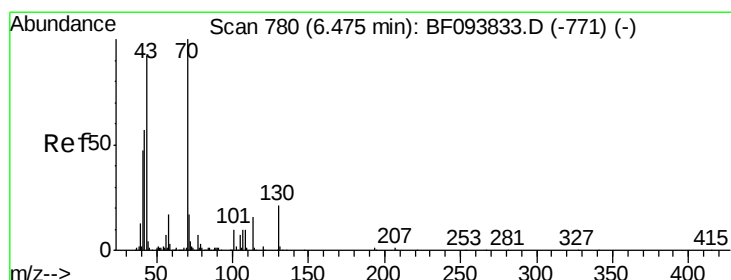
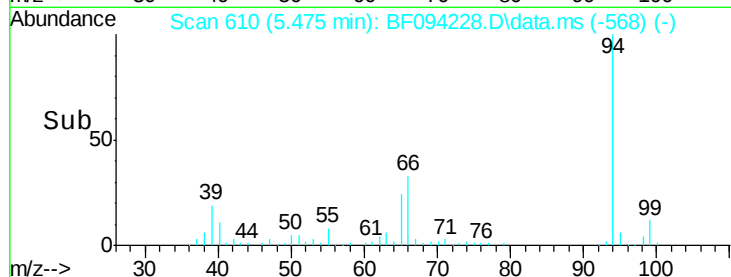
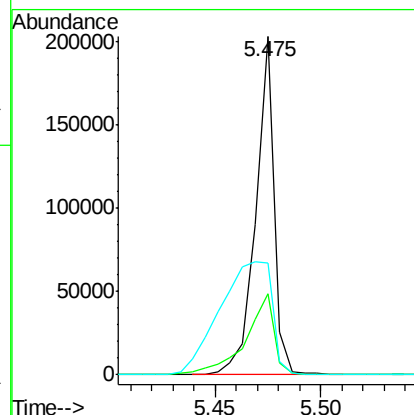
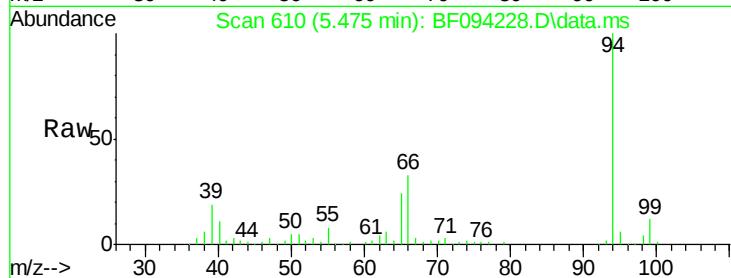
Tot Ion: 94 Resp: 123218

Ion Ratio Lower Upper

94 100

65 24.0 9.9 49.9

66 32.9 23.1 63.1



#19

n-Nitroso-di-n-propylamine

Concen: 17.95 ng

RT: 6.504 min Scan# 785

Delta R.T. 0.112 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

Tgt Ion: 70 Resp: 138101

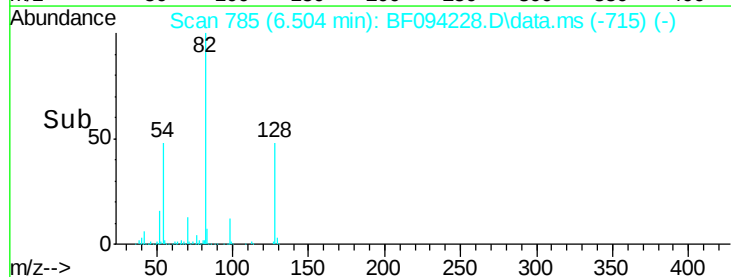
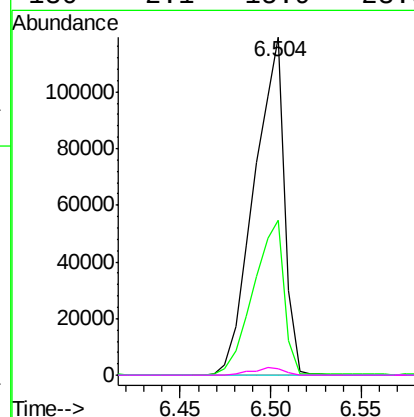
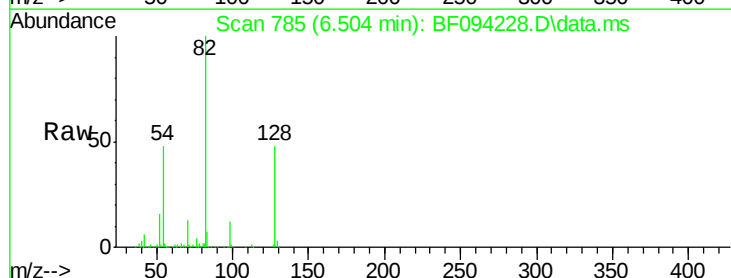
Ion Ratio Lower Upper

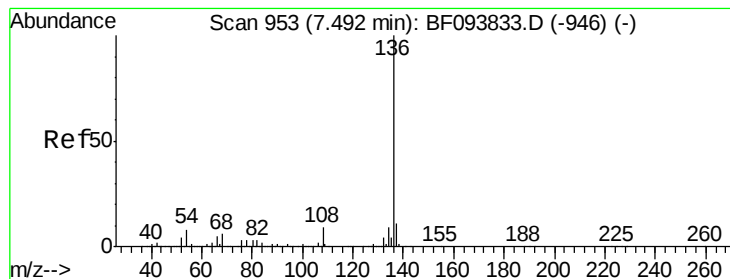
70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.351 min Scan# 92

Delta R.T. -0.059 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

48A-9-11

Tot Ion:136 Resp: 673907

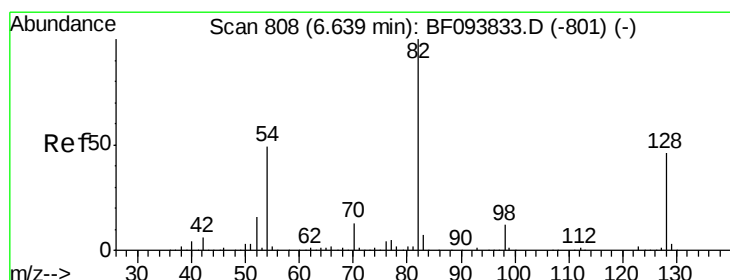
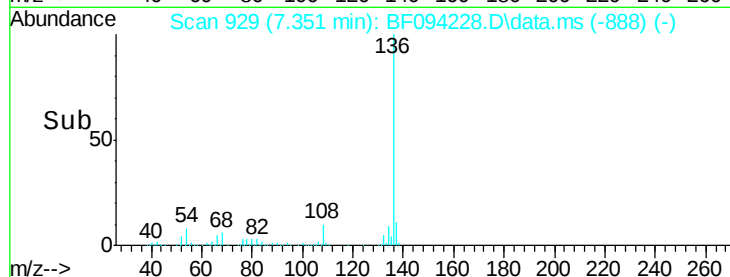
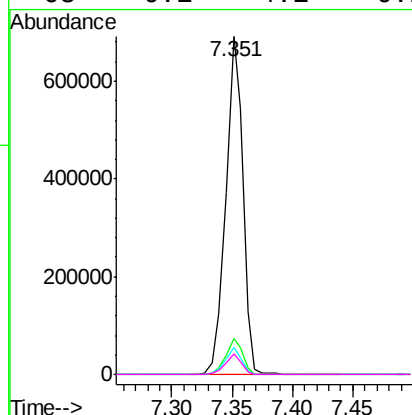
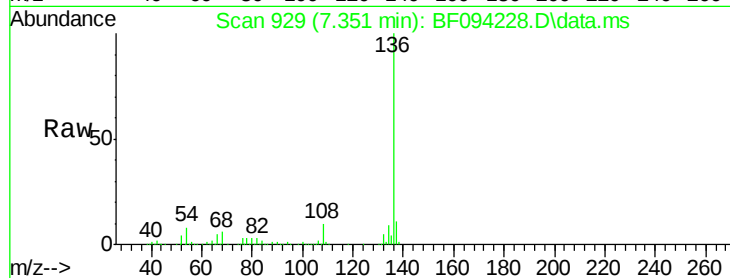
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 8.1 4.9 7.3#

68 6.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 88.98 ng

RT: 6.504 min Scan# 785

Delta R.T. -0.053 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

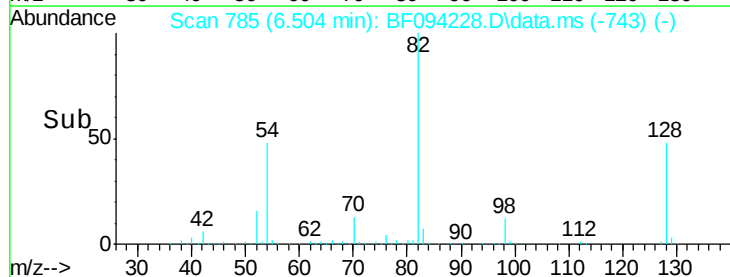
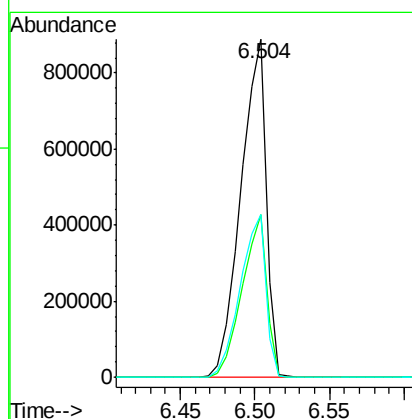
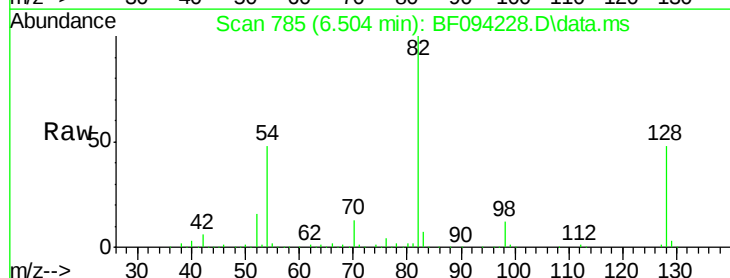
Tgt Ion: 82 Resp: 1050682

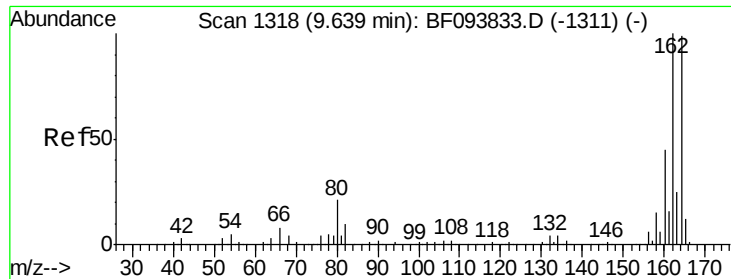
Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

54 48.3 42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.492 min Scan# 12

Delta R.T. -0.059 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

Instrument :

BNA_F

ClientSampleId :

48A-9-11

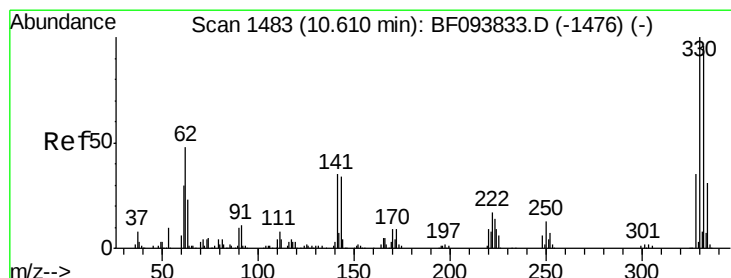
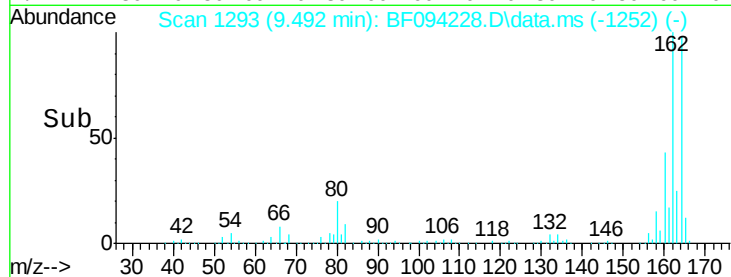
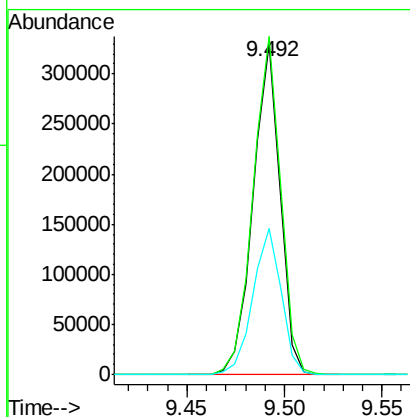
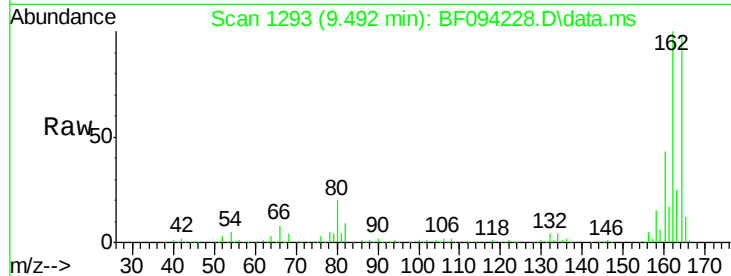
Tot Ion:164 Resp: 316472

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

160 44.2 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 147.68 ng

RT: 10.469 min Scan# 1459

Delta R.T. -0.053 min

Lab File: BF094228.D

Acq: 6 Apr 2017 15:12

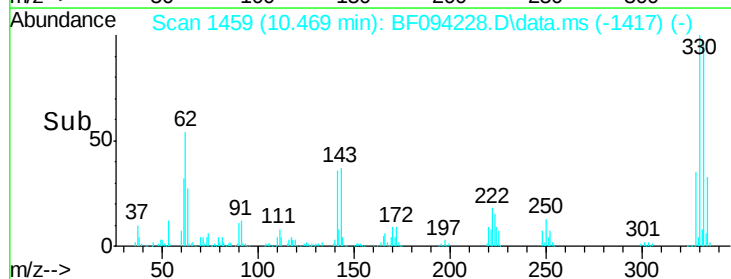
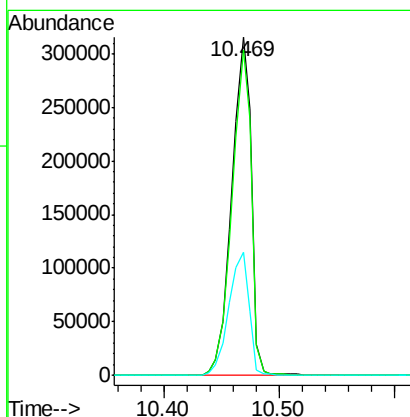
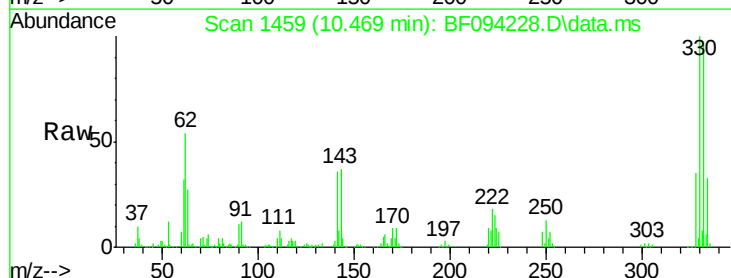
Tgt Ion:330 Resp: 369328

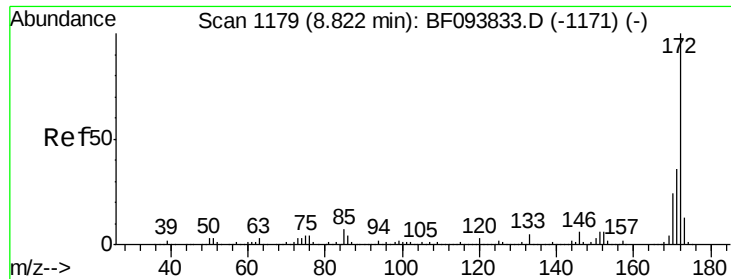
Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 37.9 31.4 47.2

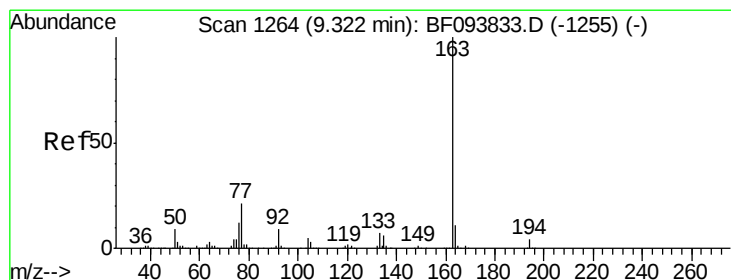
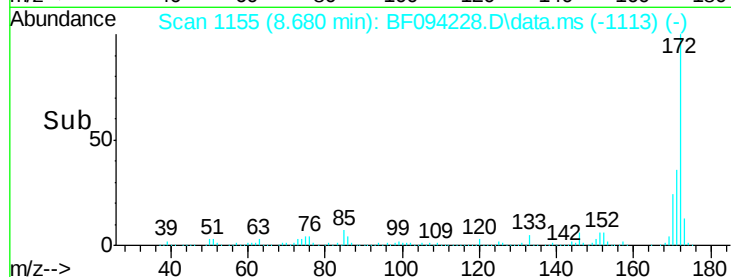
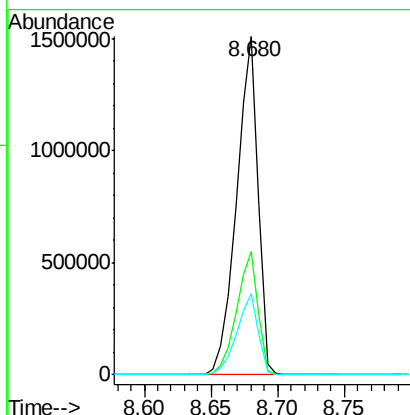
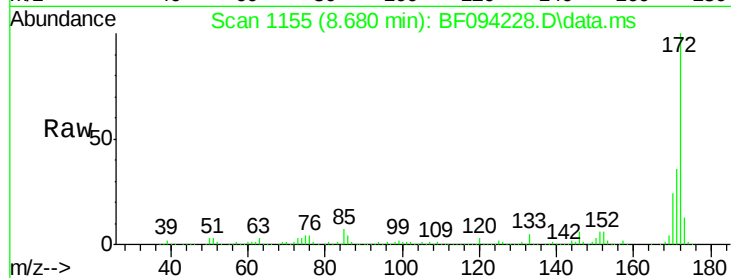




#44
2-Fluorobiphenyl
Concen: 81.39 ng
RT: 8.680 min Scan# 1179
Delta R.T. -0.053 min
Lab File: BF094228.D
Acq: 6 Apr 2017 15:12

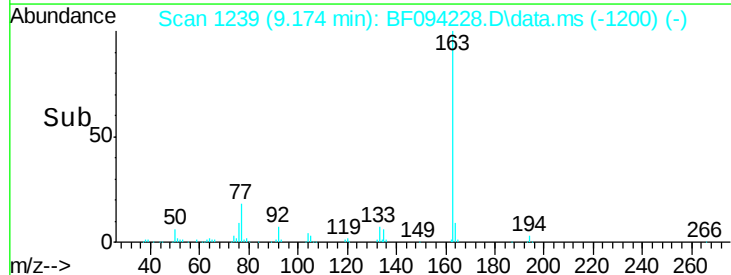
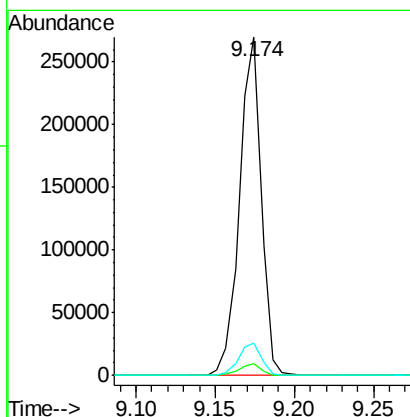
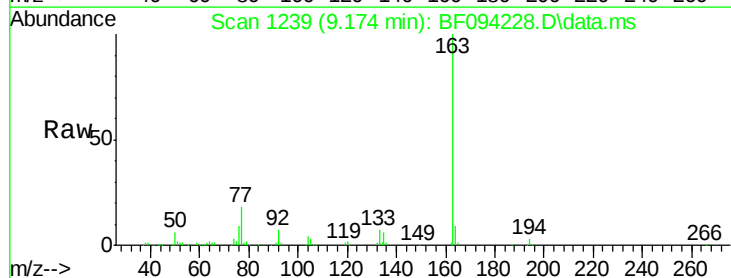
Instrument :
BNA_F
ClientSampleId :
48A-9-11

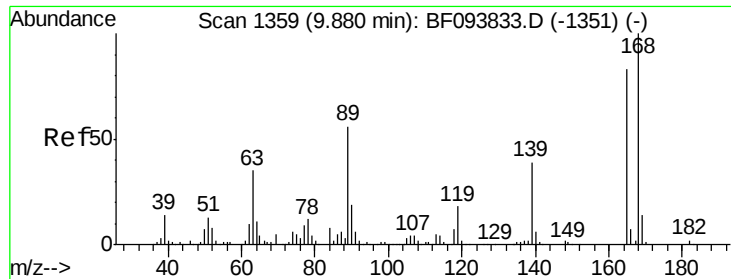
Tot Ion:172 Resp: 1688663
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 11.36 ng
RT: 9.174 min Scan# 1239
Delta R.T. -0.071 min
Lab File: BF094228.D
Acq: 6 Apr 2017 15:12

Tgt Ion:163 Resp: 255588
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.4 8.4 12.6

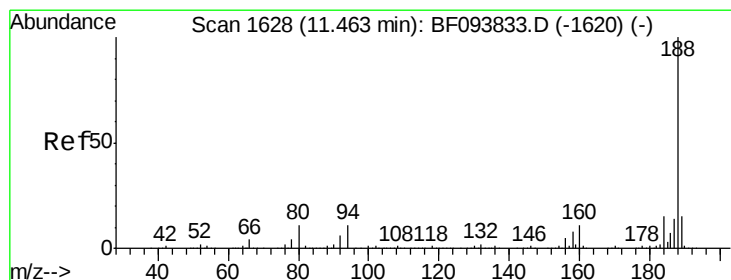
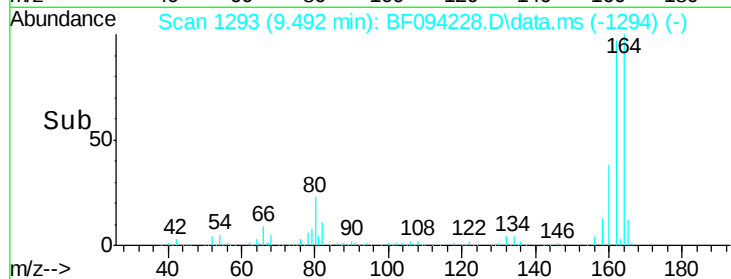
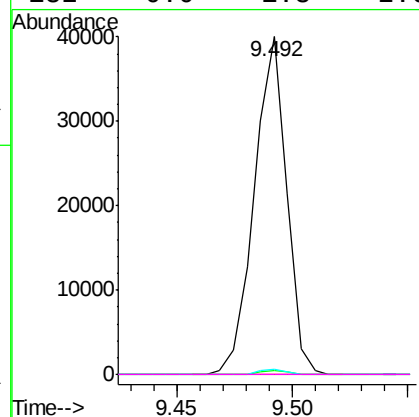
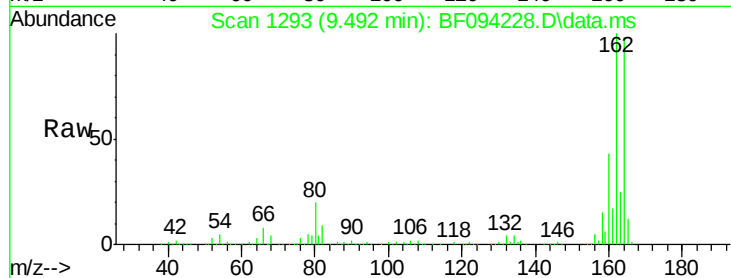




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.492 min Scan# 12
 Delta R.T. -0.306 min
 Lab File: BF094228.D
 Acq: 6 Apr 2017 15:12

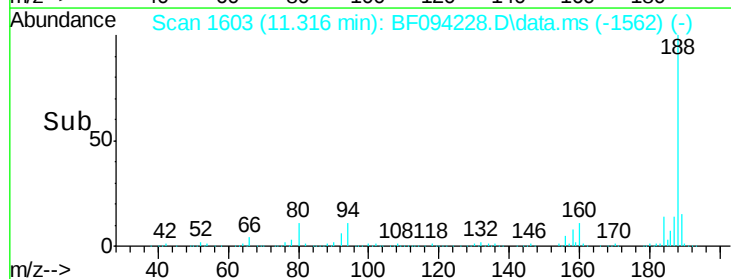
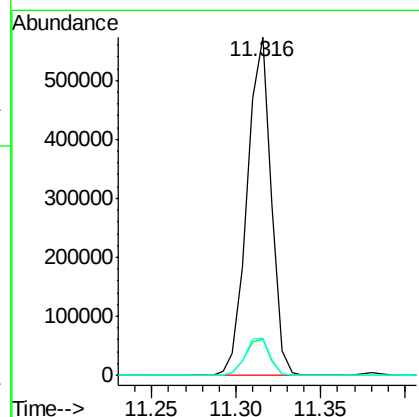
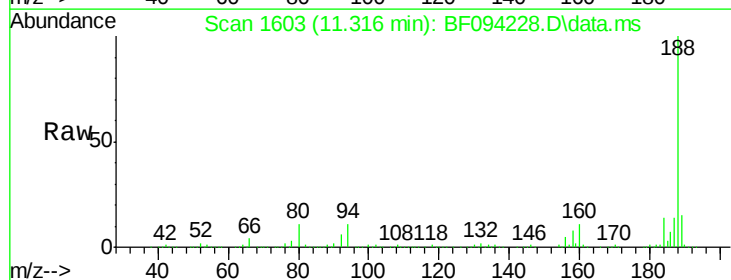
Instrument :
 BNA_F
 ClientSampleId :
 48A-9-11

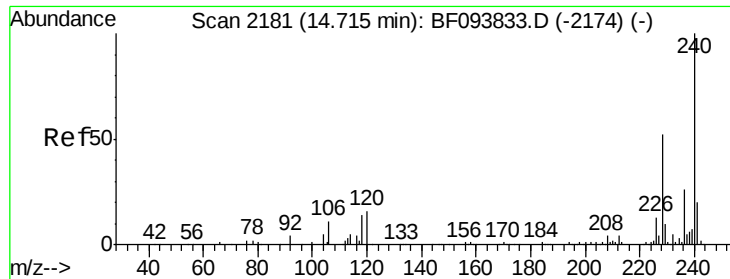
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.316 min Scan# 1603
 Delta R.T. -0.059 min
 Lab File: BF094228.D
 Acq: 6 Apr 2017 15:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.0	10.2	15.2

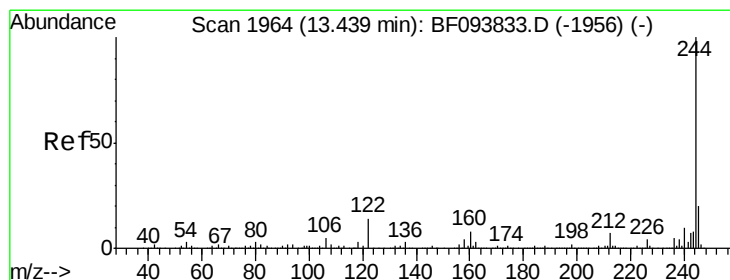
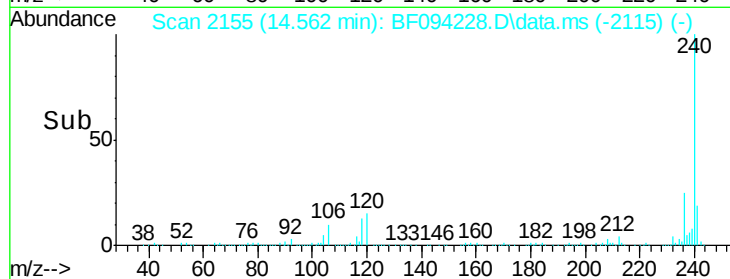
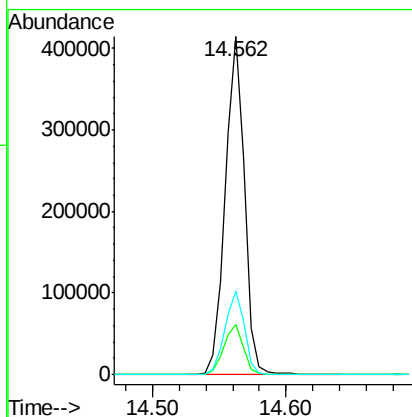
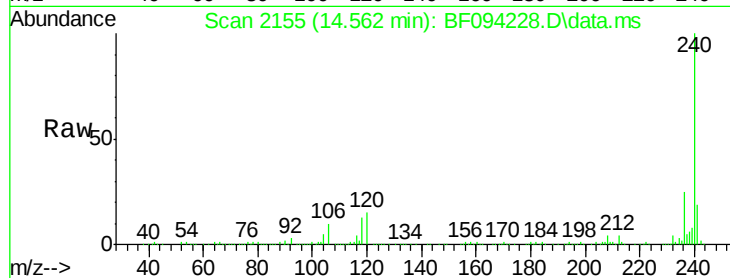




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.562 min Scan# 21
 Delta R.T. -0.065 min
 Lab File: BF094228.D
 Acq: 6 Apr 2017 15:12

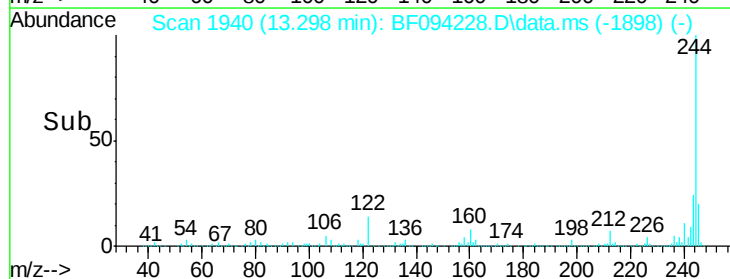
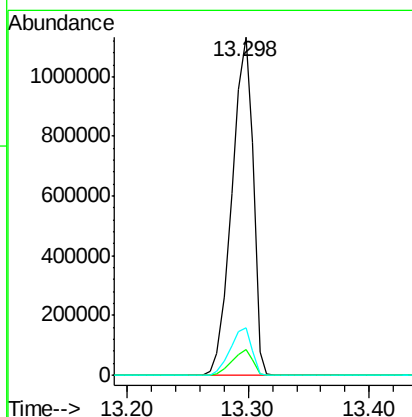
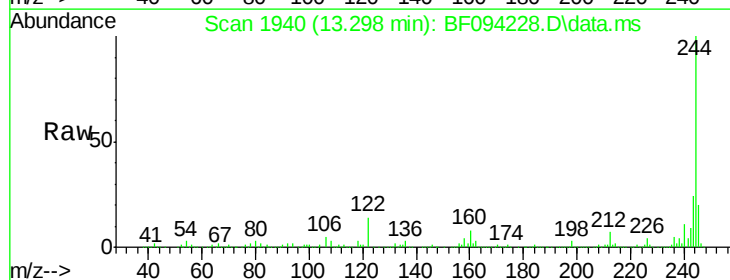
Instrument :
 BNA_F
 ClientSampleId :
 48A-9-11

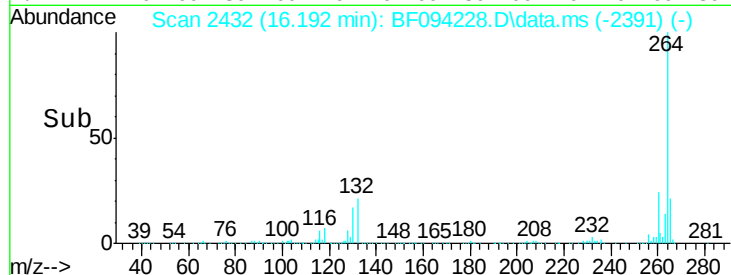
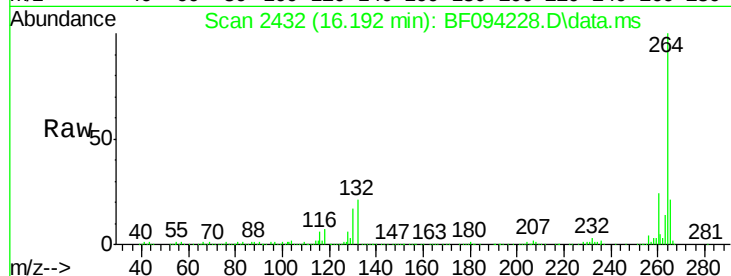
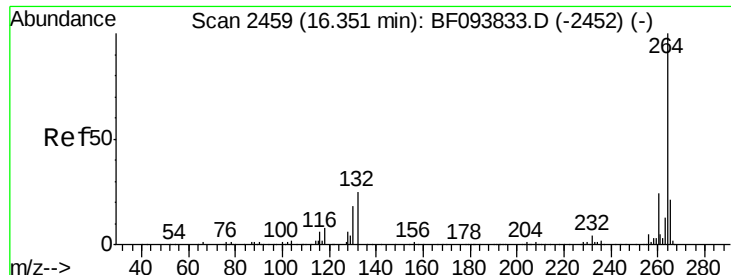
Tot Ion:240 Resp: 422198
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 24.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 73.54 ng
 RT: 13.298 min Scan# 1940
 Delta R.T. -0.053 min
 Lab File: BF094228.D
 Acq: 6 Apr 2017 15:12

Tgt Ion:244 Resp: 1385265
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.1 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.192 min Scan# 24
Delta R.T. -0.059 min
Lab File: BF094228.D
Acq: 6 Apr 2017 15:12

Instrument :
BNA_F
ClientSampleId :
48A-9-11

Tot Ion:	264	Resp:	282663
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.0	17.2	25.8

