

Data Path : Z:\HPCHEM1\BNA F\Data\BF040717\
 Data File : BF094270.D
 Acq On : 7 Apr 2017 13:55
 Operator : SJ/MA
 Sample : I2572-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

Quant Time: Apr 07 14:25:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

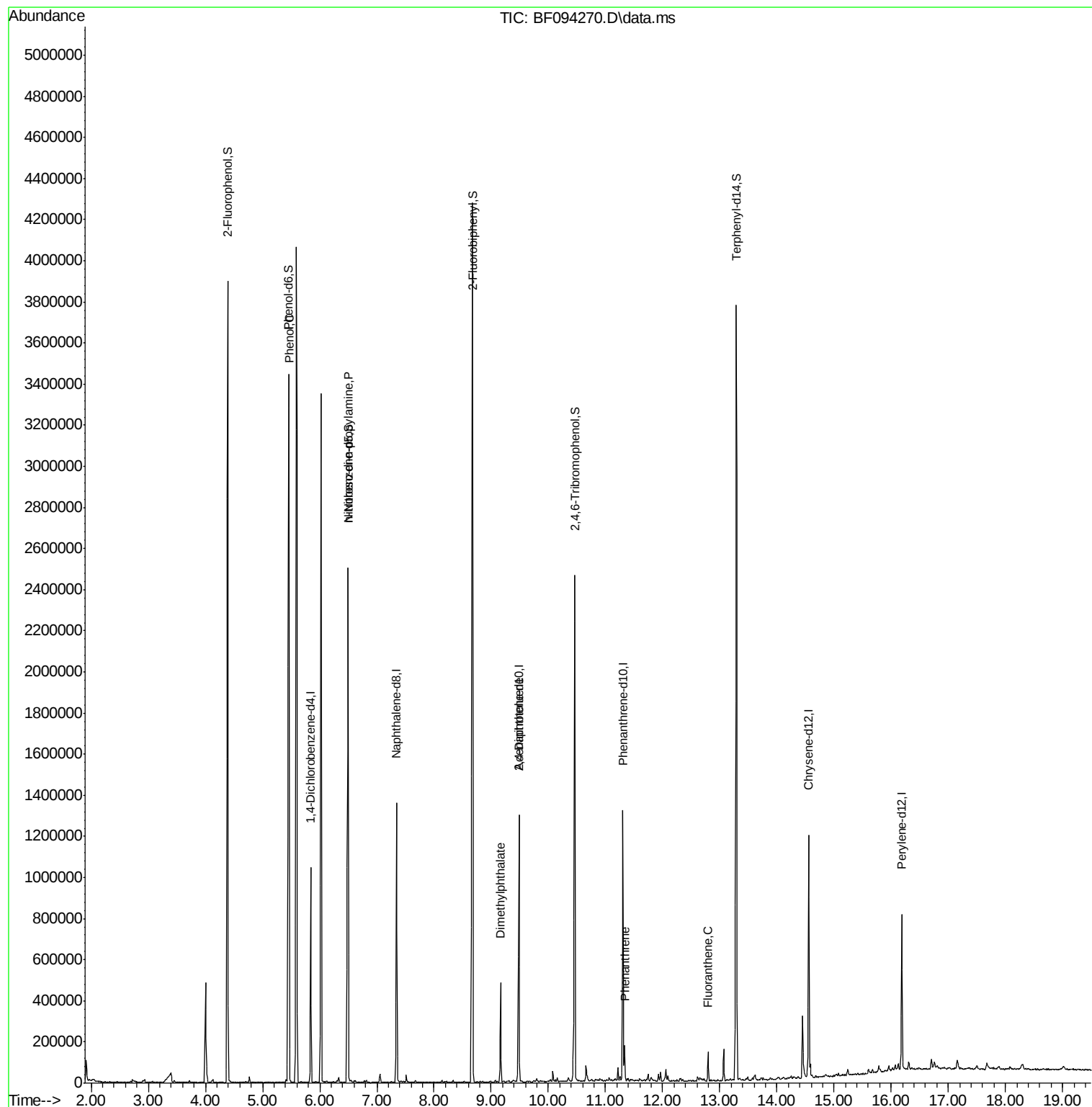
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.845	152	171657	20.00	ng	-0.01
21) Naphthalene-d8	7.345	136	675233	20.00	ng	-0.02
38) Acenaphthene-d10	9.480	164	312412	20.00	ng	-0.02
63) Phenanthrene-d10	11.304	188	551741	20.00	ng	-0.02
75) Chrysene-d12	14.557	240	433957	20.00	ng	-0.02
86) Perylene-d12	16.186	264	285455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.387	112	1354875	133.31	ng	0.00
7) Phenol-d6	5.457	99	1749030	139.11	ng	0.00
23) Nitrobenzene-d5	6.498	82	1086692	91.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.463	330	368121	149.11	ng	-0.01
44) 2-Fluorobiphenyl	8.675	172	1808965	88.32	ng	-0.01
78) Terphenyl-d14	13.292	244	1490948	77.01	ng	0.00
Target Compounds						
10) Phenol	5.469	94	132544	9.26	ng	Qvalue 90
19) n-Nitroso-di-n-propyla...	6.498	70	145398	17.99	ng	# 79
49) Dimethylphthalate	9.163	163	220702	9.94	ng	100
56) 2,4-Dinitrotoluene	9.480	165	40817	6.38	ng	# 33
70) Phenanthrene	11.333	178	61814	2.01	ng	97
74) Fluoranthene	12.798	202	63831	2.03	ng	99

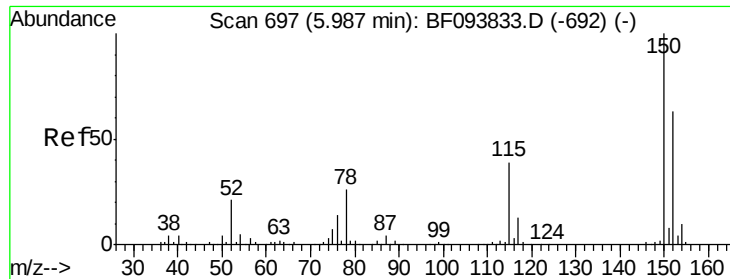
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.845 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Instrument :

BNA_F

ClientSampleId :

RT-3460

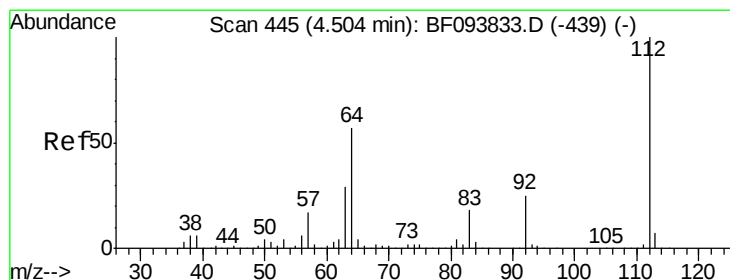
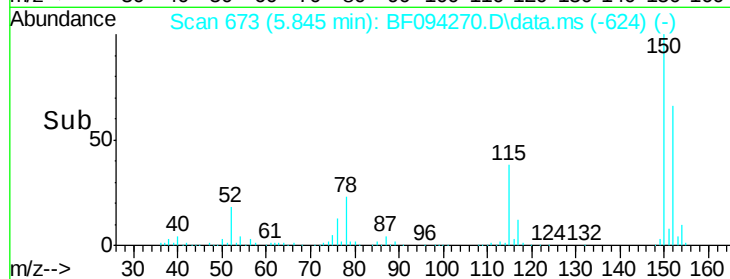
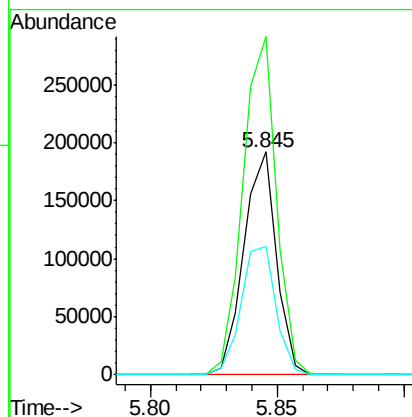
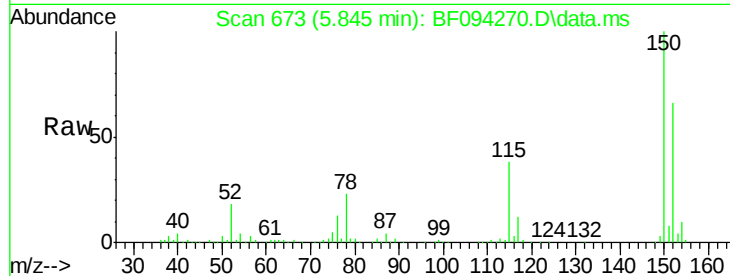
Tot Ion:152 Resp: 171657

Ion Ratio Lower Upper

152 100

150 151.7 126.2 189.2

115 57.6 52.2 78.2



#5

2-Fluorophenol

Concen: 133.31 ng

RT: 4.387 min Scan# 425

Delta R.T. -0.000 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

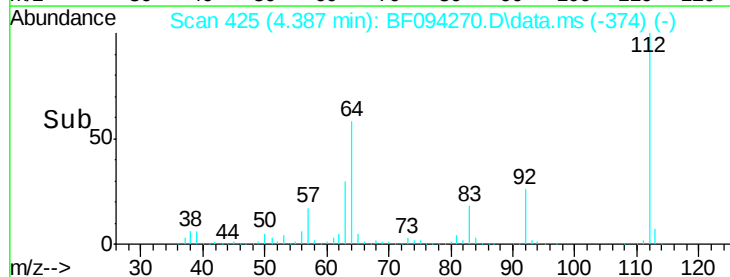
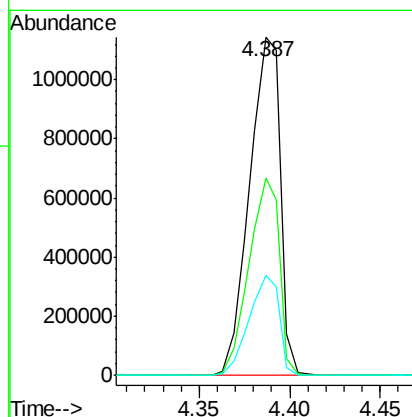
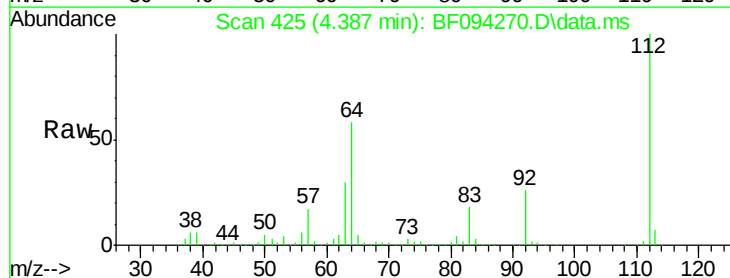
Tgt Ion:112 Resp: 1354875

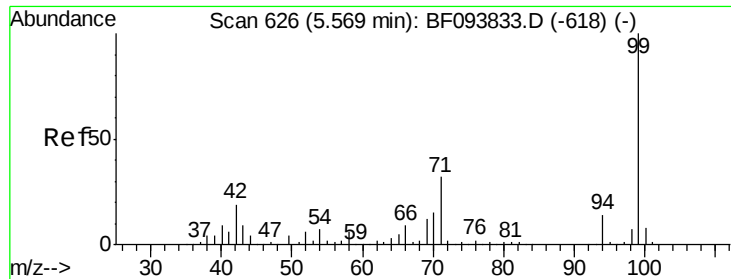
Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

63 29.7 23.4 35.0





#7

Phenol-d6

Concen: 139.11 ng

RT: 5.457 min Scan# 60

Delta R.T. -0.006 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Instrument :

BNA_F

ClientSampleId :

RT-3460

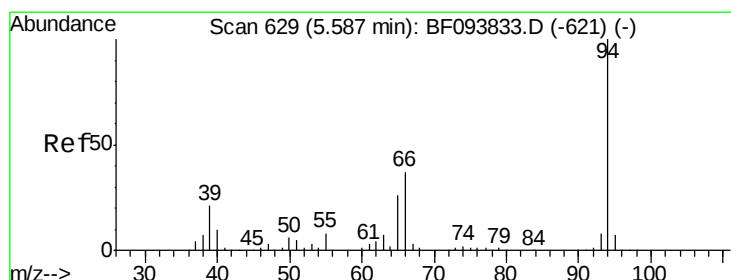
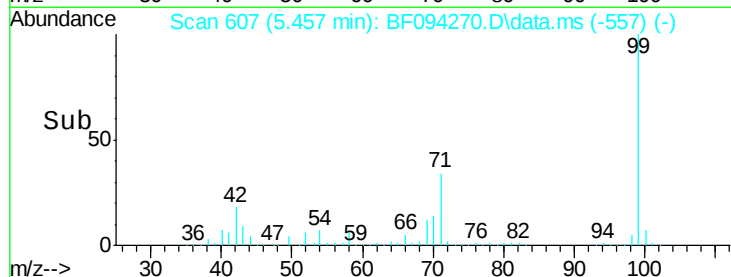
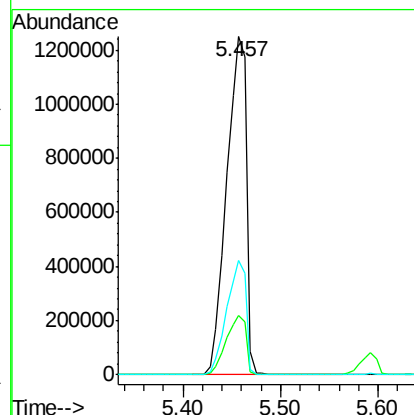
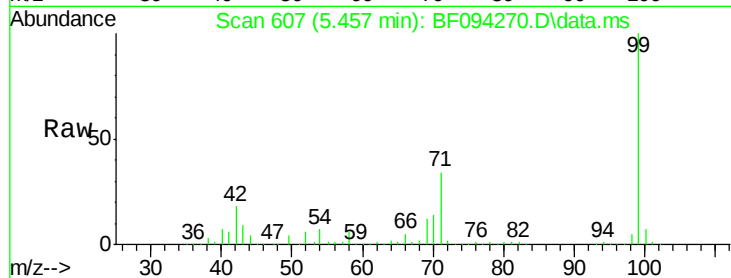
Tot Ion: 99 Resp: 1749030

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 33.8 24.5 36.7



#10

Phenol

Concen: 9.26 ng

RT: 5.469 min Scan# 609

Delta R.T. -0.012 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

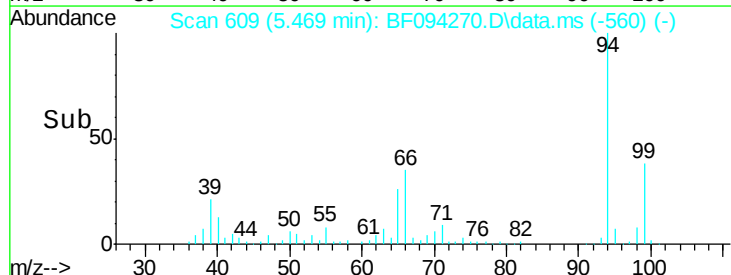
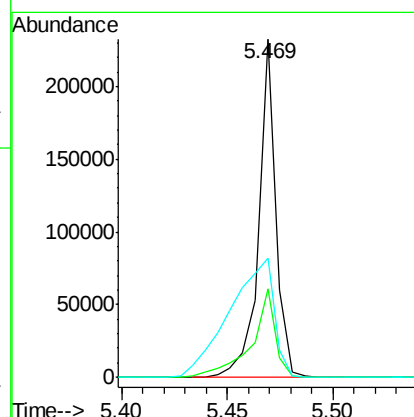
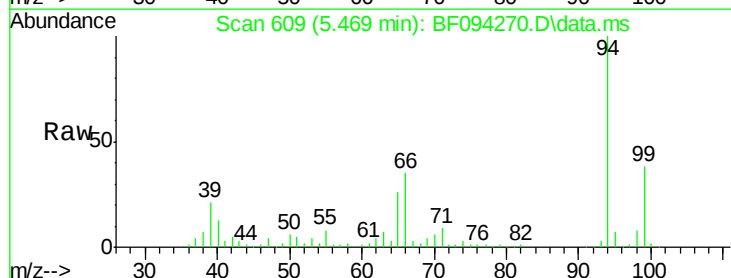
Tgt Ion: 94 Resp: 132544

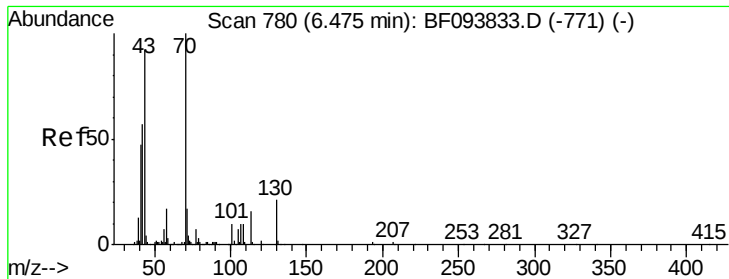
Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

66 35.3 23.1 63.1

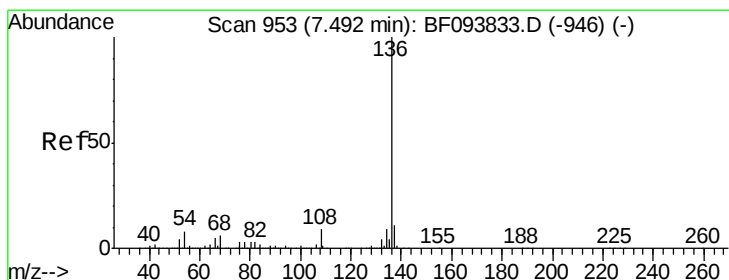
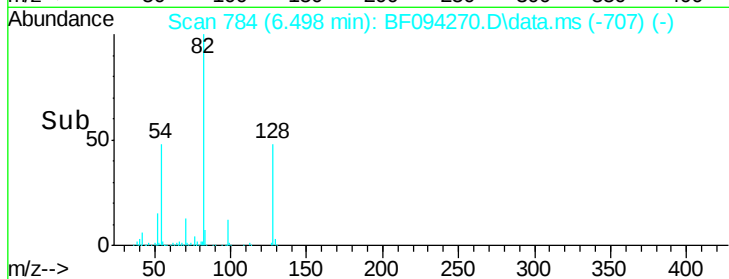
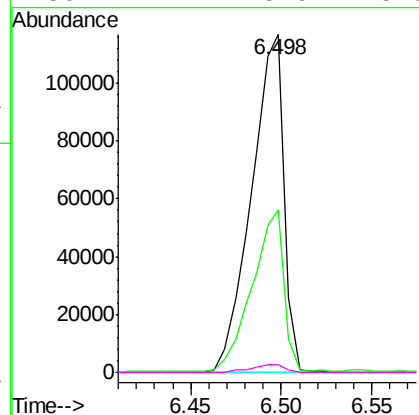
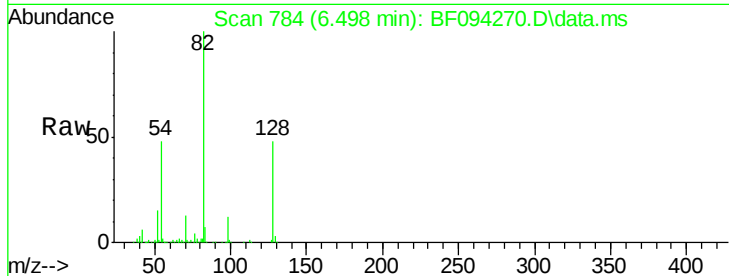




#19
n-Nitroso-di-n-propylamine
Concen: 17.99 ng
RT: 6.498 min Scan# 780
Delta R.T. 0.153 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

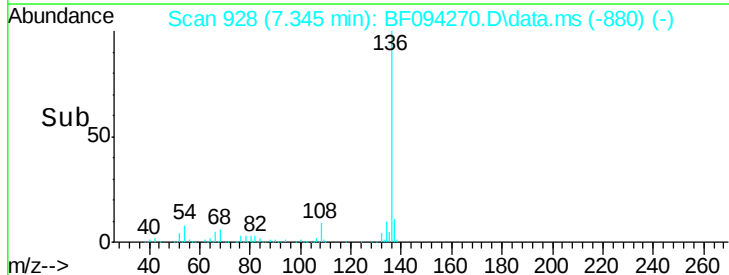
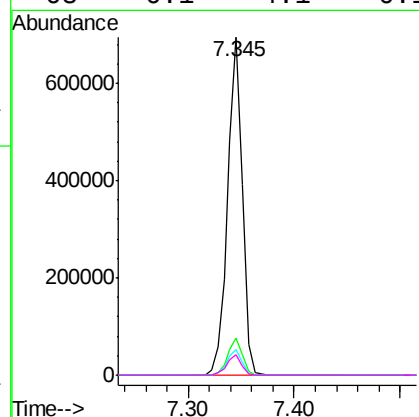
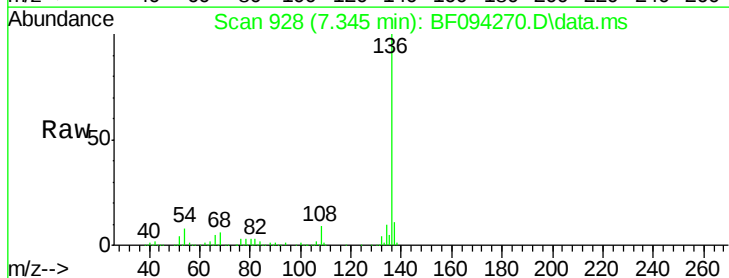
Instrument :
BNA_F
ClientSampleId :
RT-3460

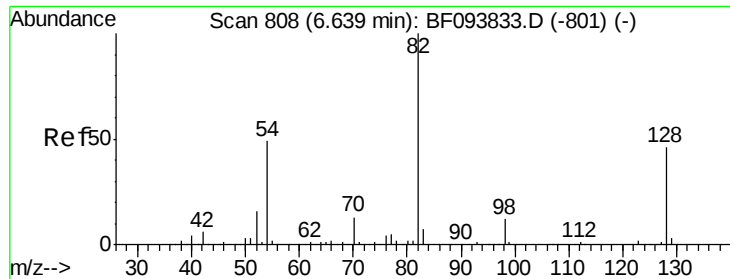
Tot Ion:	70	Resp:	145398
Ion Ratio	Lower	Upper	
70	100		
42	48.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.345 min Scan# 928
Delta R.T. -0.018 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Tgt Ion:	136	Resp:	675233
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1





#23

Nitrobenzene-d5

Concen: 91.84 ng

RT: 6.498 min Scan# 78

Delta R.T. -0.012 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Instrument :

BNA_F

ClientSampleId :

RT-3460

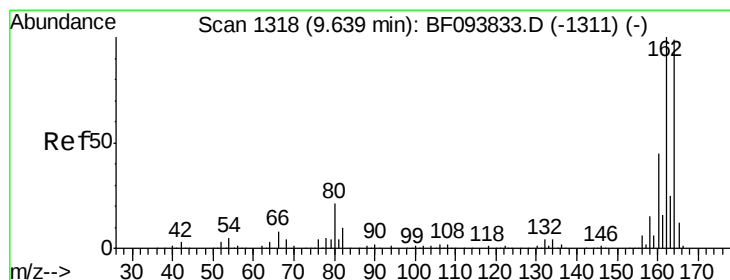
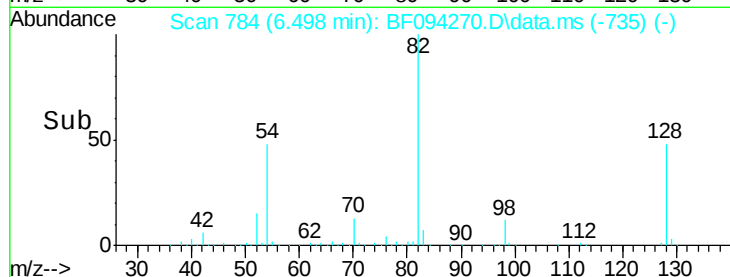
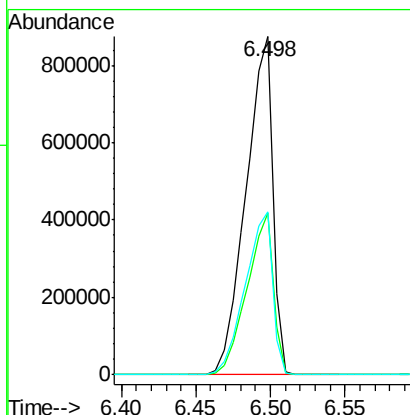
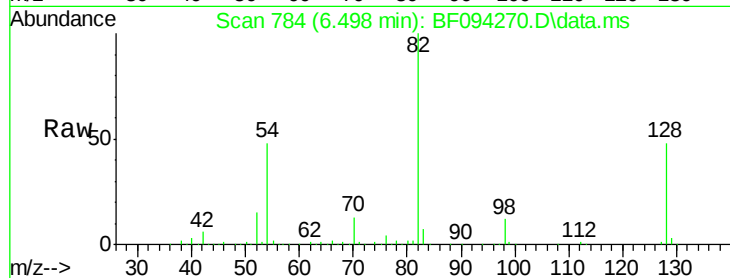
Tot Ion: 82 Resp: 1086692

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

54 48.2 42.2 63.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.480 min Scan# 1291

Delta R.T. -0.018 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

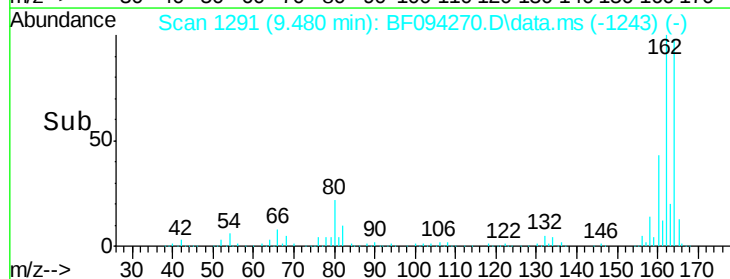
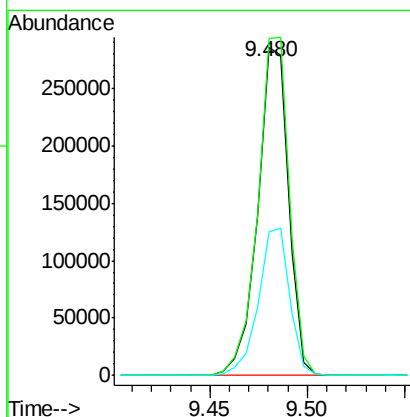
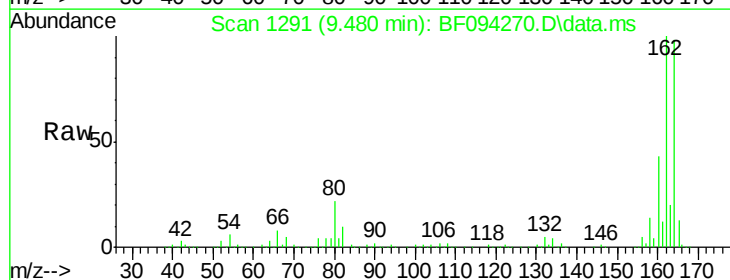
Tgt Ion: 164 Resp: 312412

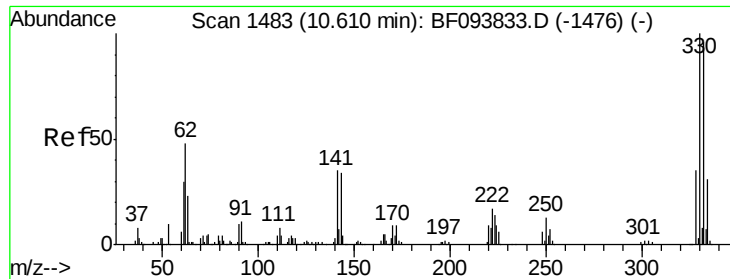
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 43.9 36.2 54.2

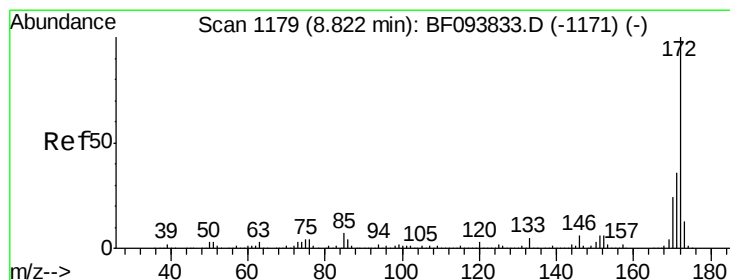
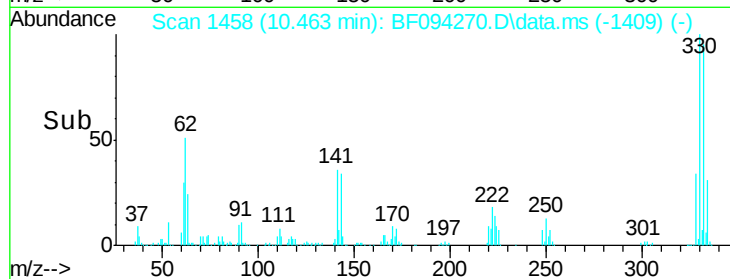
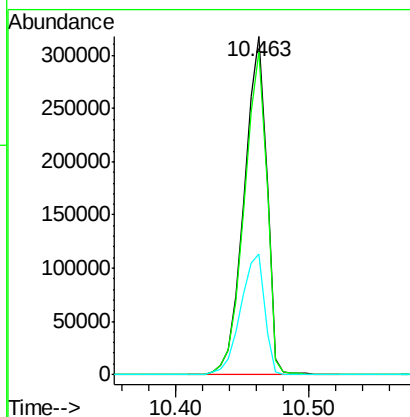
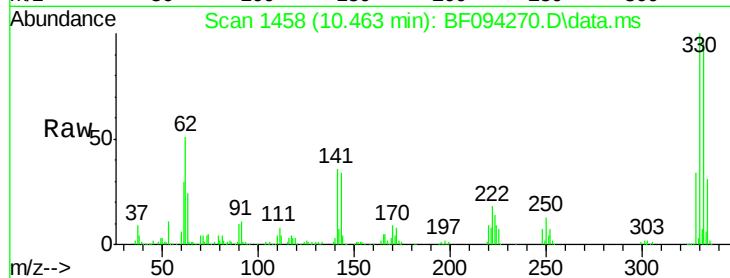




#41
 2,4,6-Tribromophenol
 Concen: 149.11 ng
 RT: 10.463 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: BF094270.D
 Acq: 7 Apr 2017 13:55

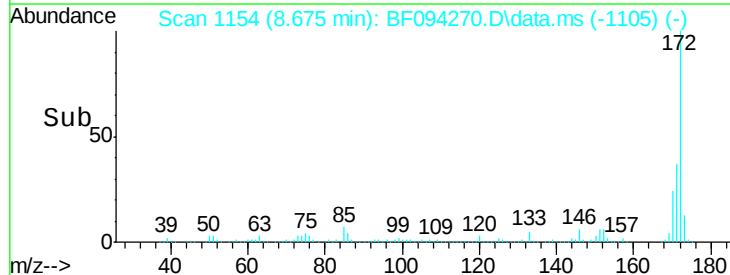
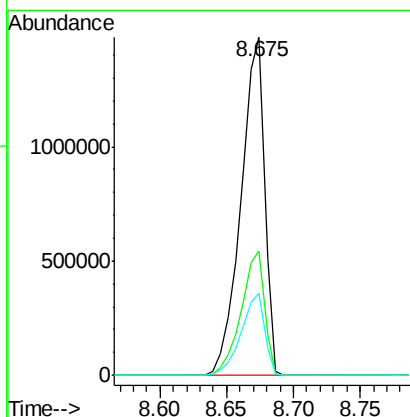
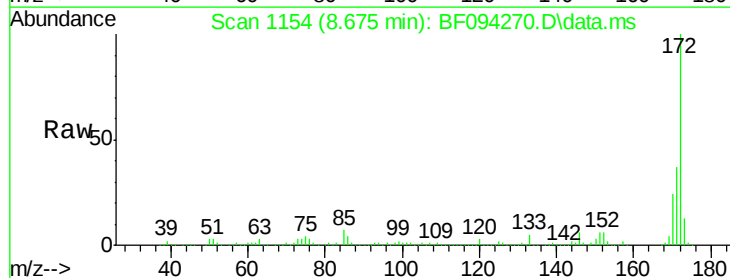
Instrument :
 BNA_F
 ClientSampleId :
 RT-3460

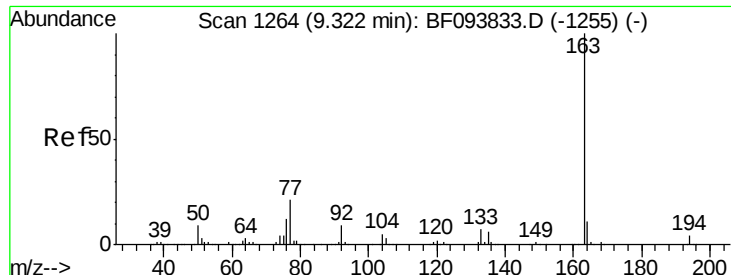
Tot Ion:330 Resp: 368121
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 88.32 ng
 RT: 8.675 min Scan# 1154
 Delta R.T. -0.012 min
 Lab File: BF094270.D
 Acq: 7 Apr 2017 13:55

Tgt Ion:172 Resp: 1808965
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.3 19.8 29.8





#49

Dimethylphthalate

Concen: 9.94 ng

RT: 9.163 min Scan# 12

Delta R.T. -0.030 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Instrument :

BNA_F

ClientSampleId :

RT-3460

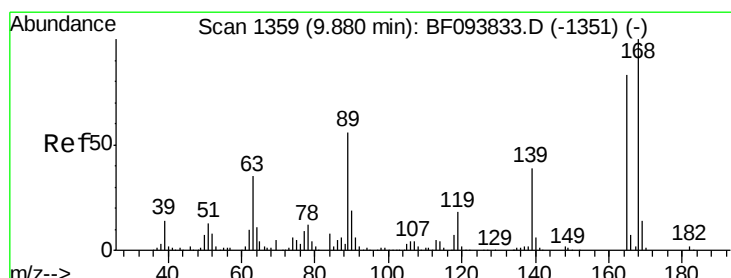
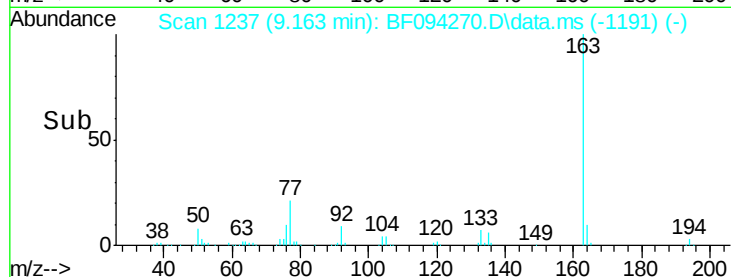
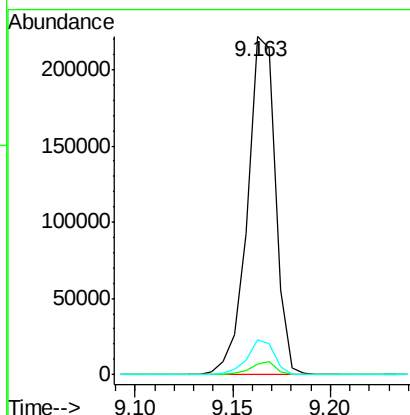
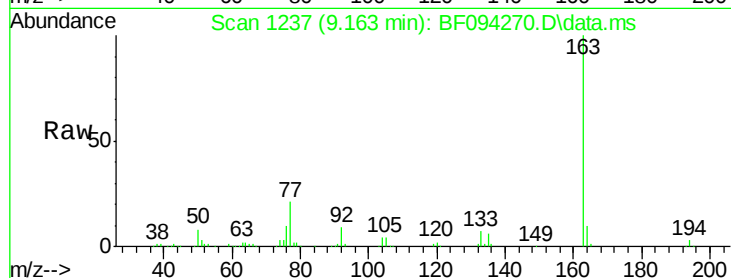
Tot Ion:163 Resp: 220702

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

164 10.4 8.4 12.6



#56

2,4-Dinitrotoluene

Concen: 6.38 ng

RT: 9.480 min Scan# 1291

Delta R.T. -0.271 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Tgt Ion:165 Resp: 40817

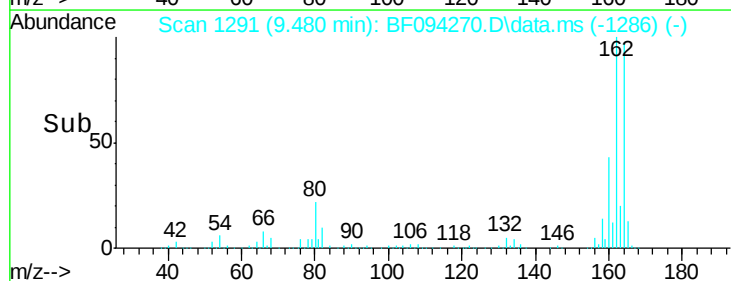
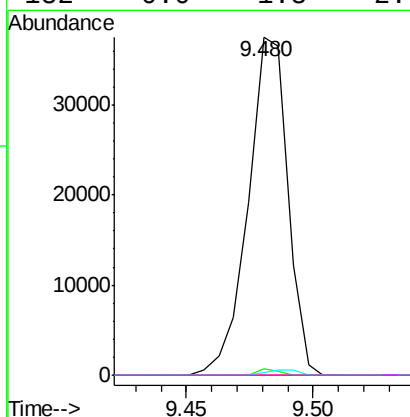
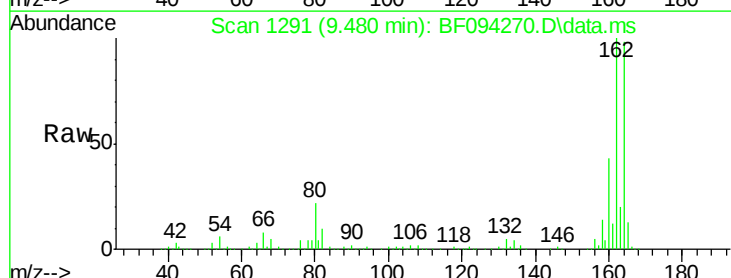
Ion Ratio Lower Upper

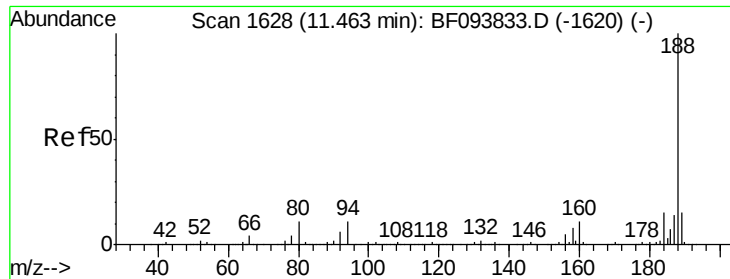
165 100

63 1.8 25.4 38.0#

89 0.9 46.4 69.6#

182 0.0 1.8 2.6#

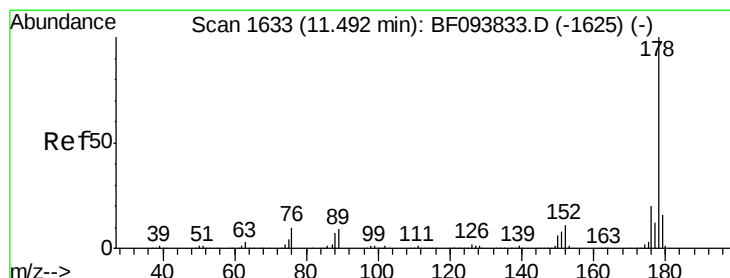
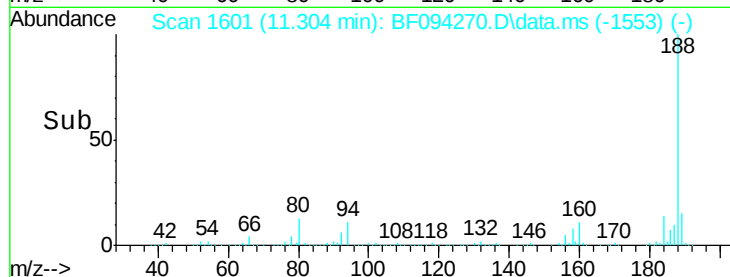
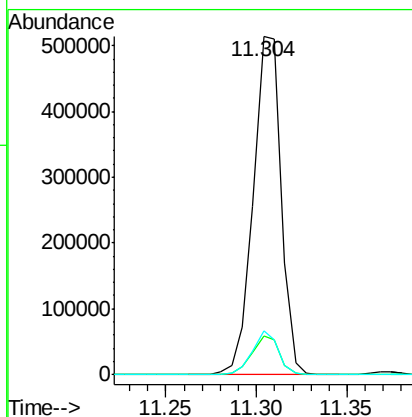
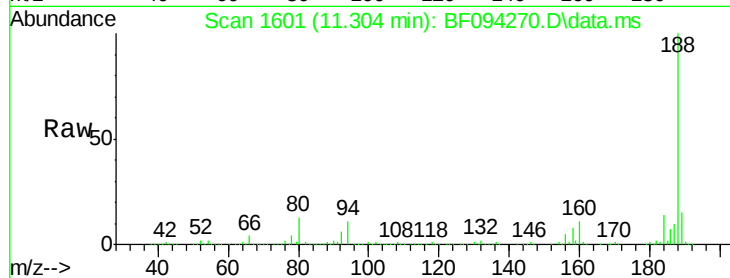




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.304 min Scan# 1606
Delta R.T. -0.018 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

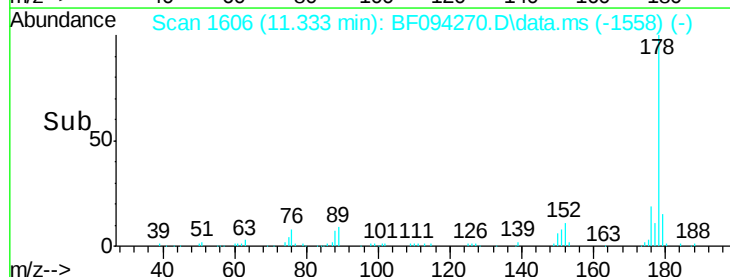
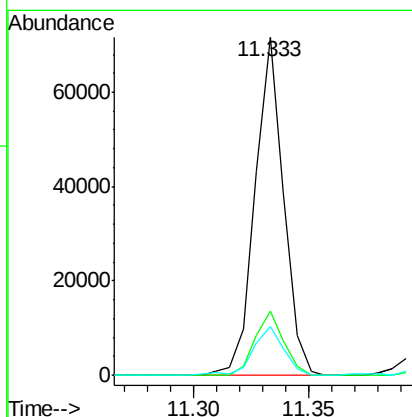
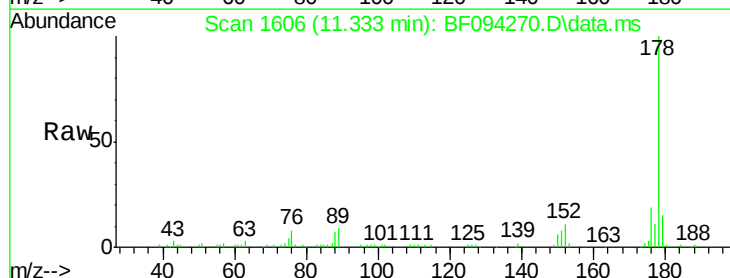
Instrument :
BNA_F
ClientSampleId :
RT-3460

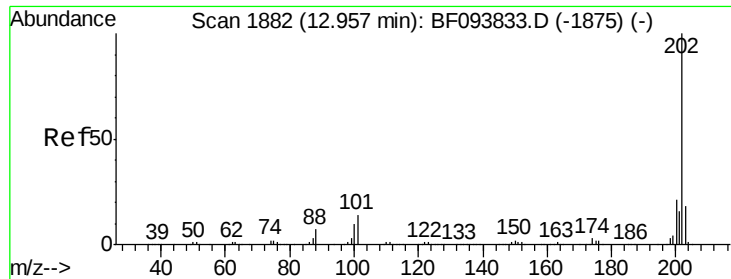
Tot Ion:188 Resp: 551741
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.9 10.2 15.2



#70
Phenanthrene
Concen: 2.01 ng
RT: 11.333 min Scan# 1606
Delta R.T. -0.018 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Tgt Ion:178 Resp: 61814
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 14.6 12.6 19.0

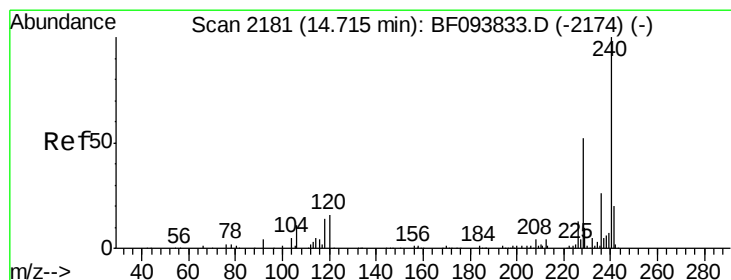
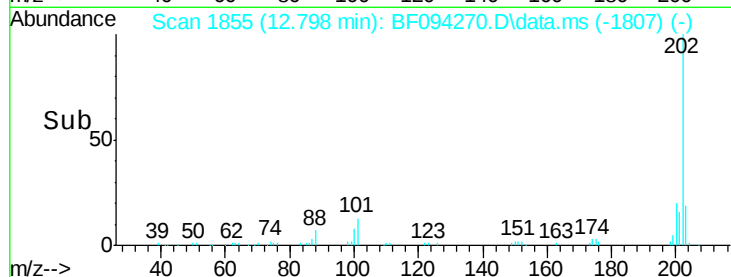
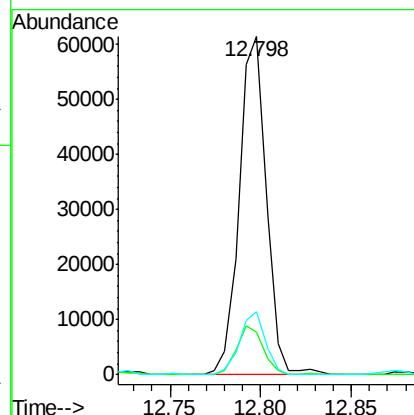
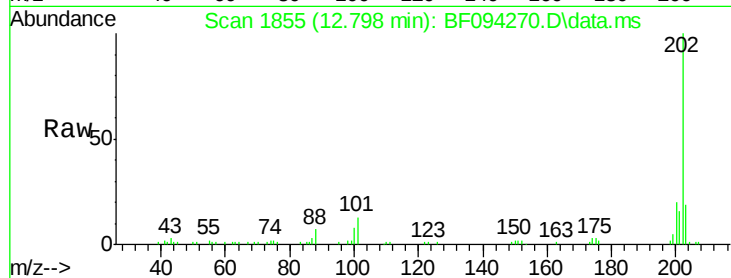




#74
Fluoranthene
Concen: 2.03 ng
RT: 12.798 min Scan# 18
Delta R.T. -0.018 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

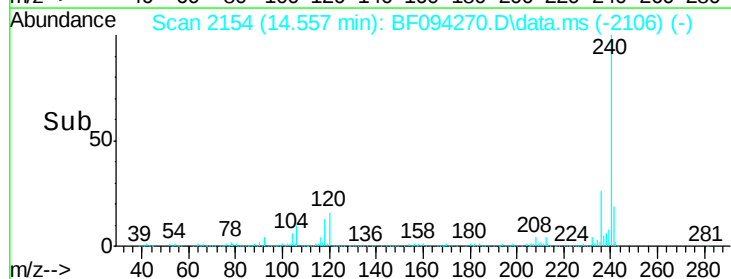
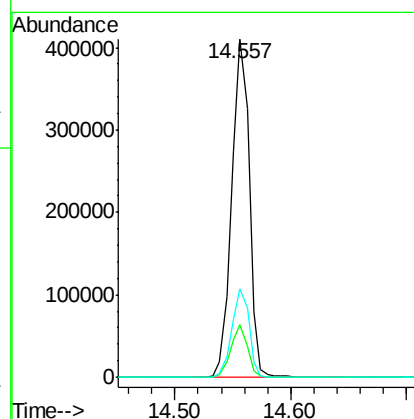
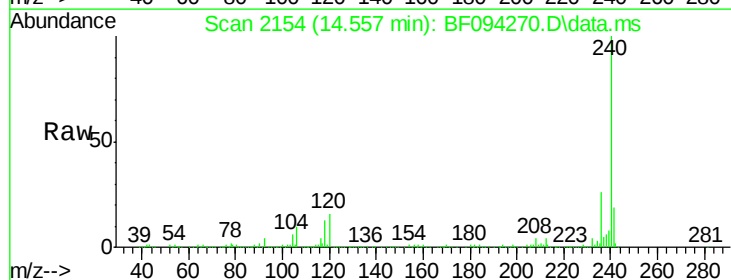
Instrument :
BNA_F
ClientSampleId :
RT-3460

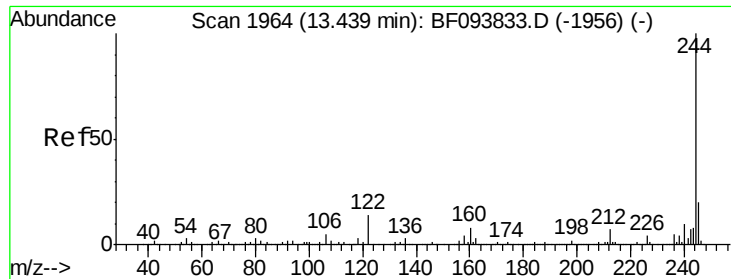
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.5	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.557 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BF094270.D
Acq: 7 Apr 2017 13:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 77.01 ng

RT: 13.292 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Instrument :

BNA_F

ClientSampleId :

RT-3460

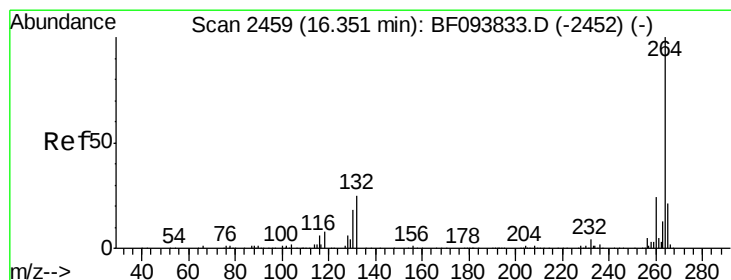
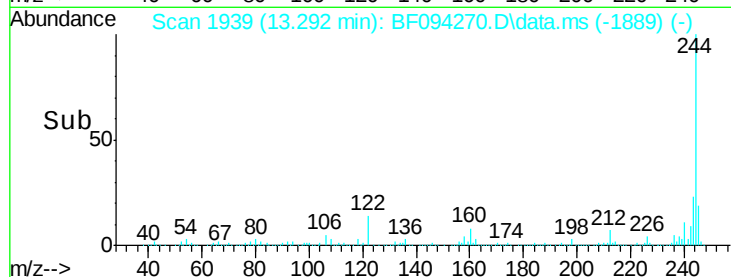
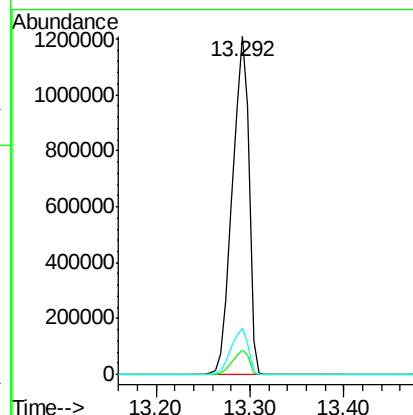
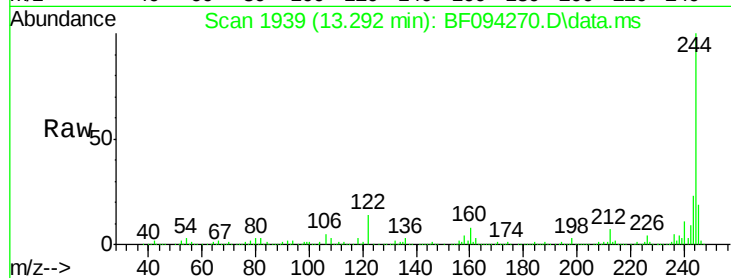
Tot Ion:244 Resp: 1490948

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.8 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.186 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BF094270.D

Acq: 7 Apr 2017 13:55

Tgt Ion:264 Resp: 285455

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.9 17.2 25.8

