

Data Path : Z:\HPCHEM1\BNA F\Data\BF040717\
 Data File : BF094278.D
 Acq On : 7 Apr 2017 17:44
 Operator : SJ/MA
 Sample : I2585-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14A

Quant Time: Apr 07 18:06:44 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

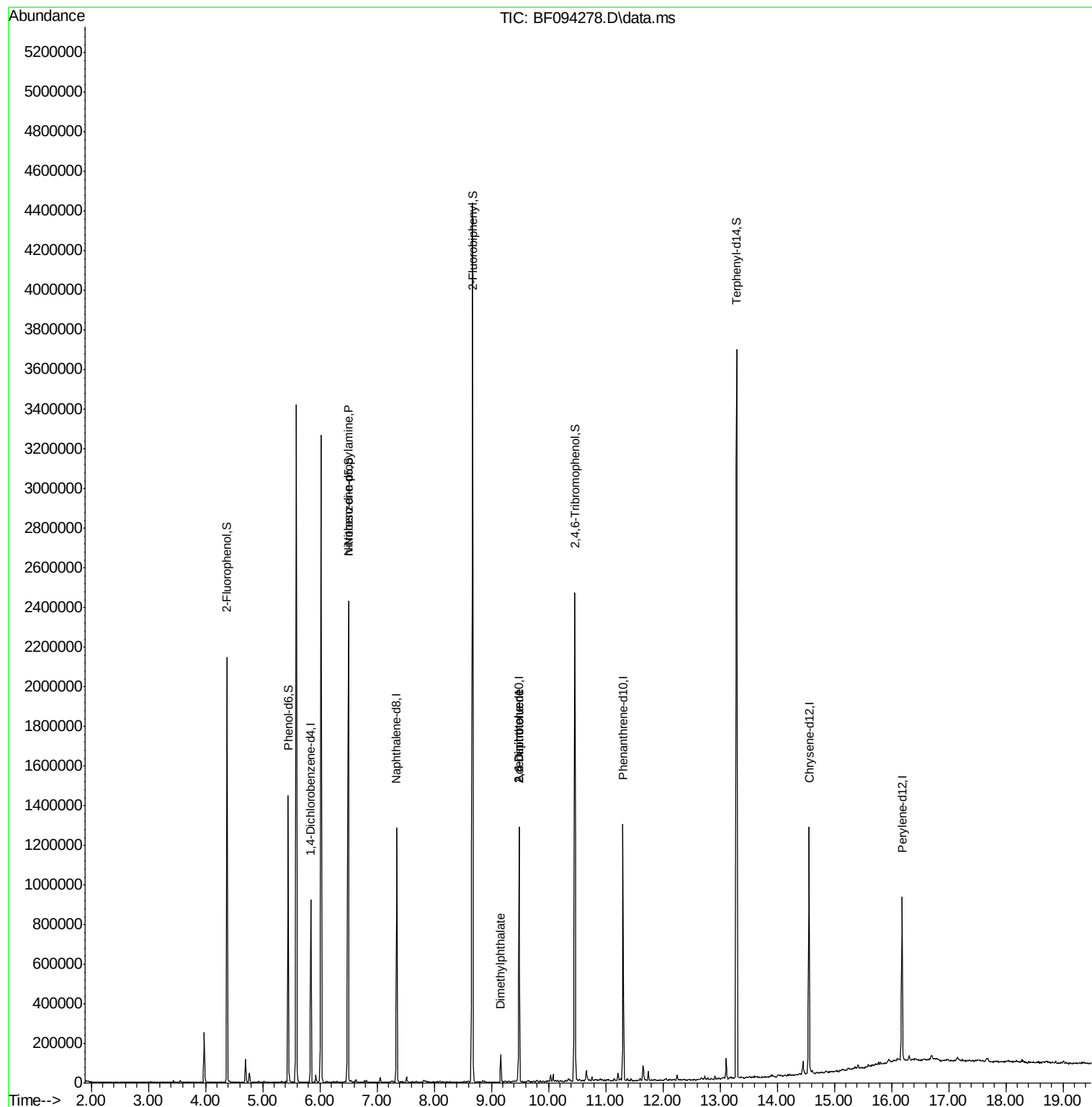
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.845	152	154188	20.00	ng	-0.01
21) Naphthalene-d8	7.345	136	624112	20.00	ng	-0.02
38) Acenaphthene-d10	9.486	164	288981	20.00	ng	-0.01
63) Phenanthrene-d10	11.304	188	532116	20.00	ng	-0.02
75) Chrysene-d12	14.557	240	458238	20.00	ng	-0.02
86) Perylene-d12	16.186	264	317183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.375	112	634420	69.50	ng	-0.01
7) Phenol-d6	5.445	99	502272	44.48	ng	-0.02
23) Nitrobenzene-d5	6.498	82	1001474	91.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.463	330	353089	154.62	ng	-0.01
44) 2-Fluorobiphenyl	8.675	172	1771008	93.48	ng	-0.01
78) Terphenyl-d14	13.292	244	1465726	71.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	6.498	70	132759	18.29	ng	# 76
49) Dimethylphthalate	9.163	163	58163	2.83	ng	99
50) 2,6-Dinitrotoluene	9.486	165	37703	8.01	ng	# 33
56) 2,4-Dinitrotoluene	9.486	165	37702	6.37	ng	# 33

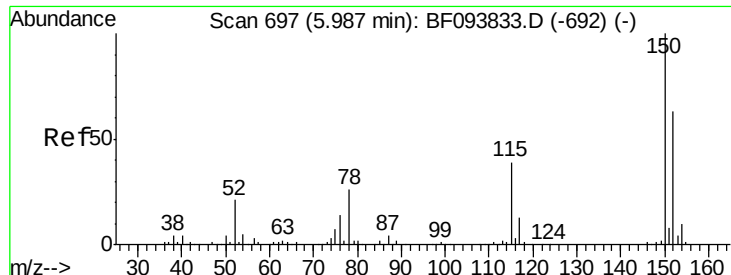
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094278.D

Acq: 7 Apr 2017 17:44

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ClientSampleId :

14A

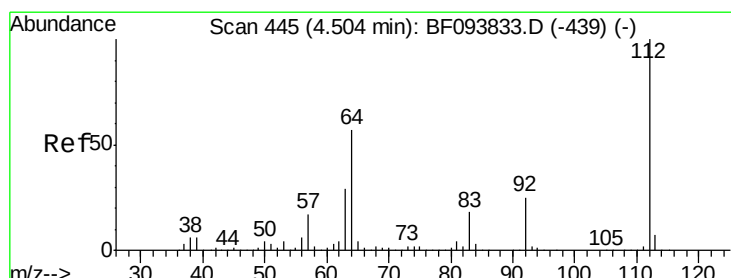
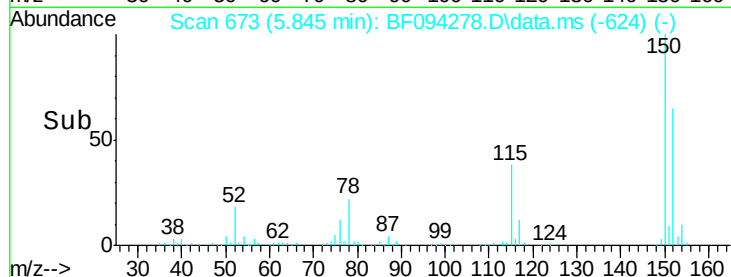
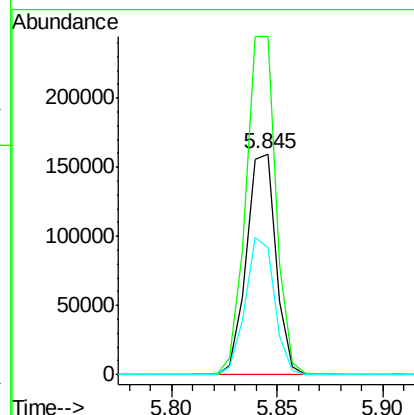
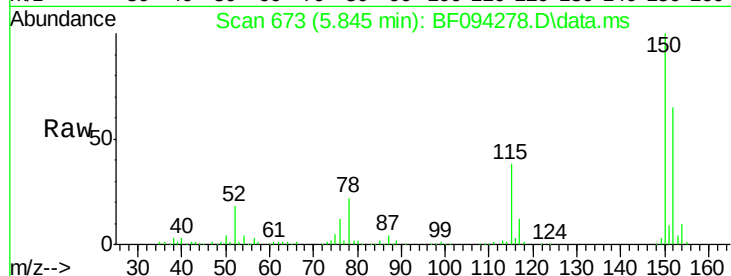
Tot Ion:152 Resp: 154188

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

115 57.6 52.2 78.2



#5

2-Fluorophenol

Concen: 69.50 ng

RT: 4.375 min Scan# 423

Delta R.T. -0.012 min

Lab File: BF094278.D

Acq: 7 Apr 2017 17:44

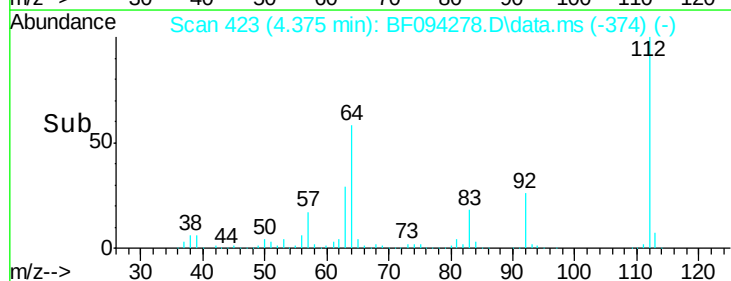
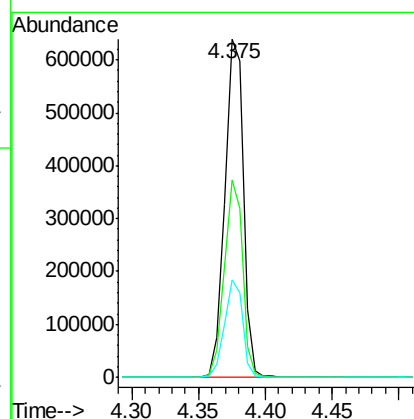
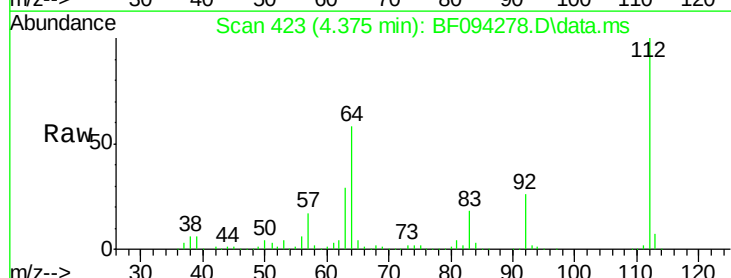
Tgt Ion:112 Resp: 634420

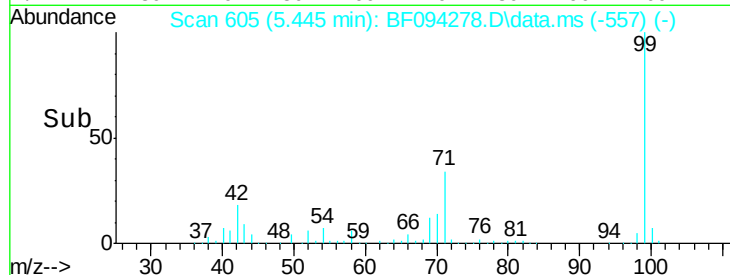
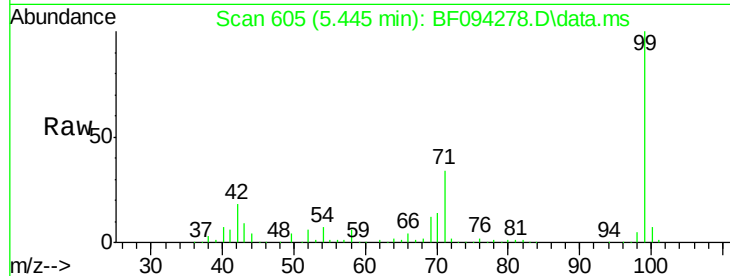
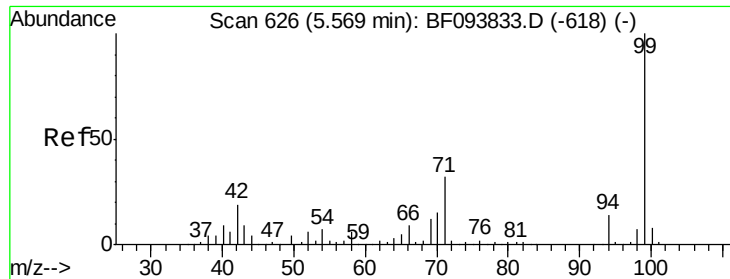
Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

63 28.9 23.4 35.0





#7

Phenol-d6

Concen: 44.48 ng

RT: 5.445 min Scan# 60

Delta R.T. -0.018 min

Lab File: BF094278.D

Acq: 7 Apr 2017 17:44

Instrument :

BNA_F

ClientSampleId :

14A

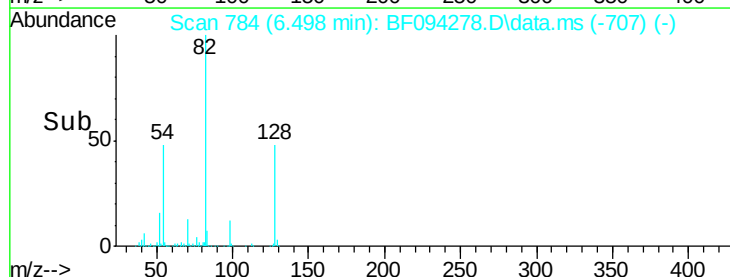
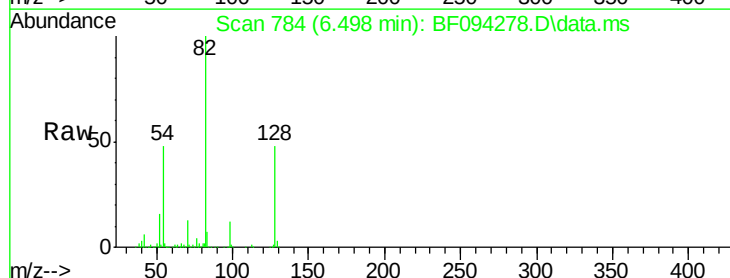
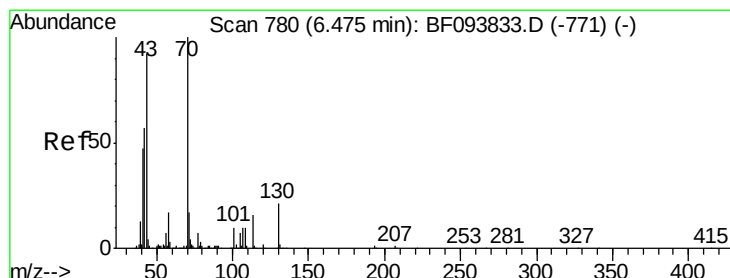
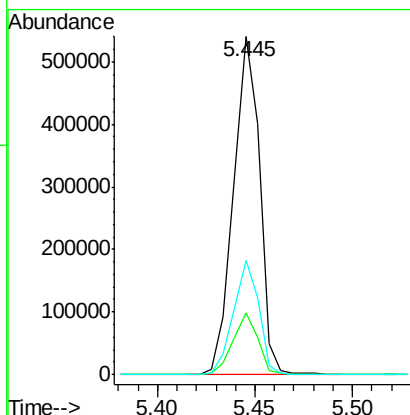
Tot Ion: 99 Resp: 502272

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

71 33.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.29 ng

RT: 6.498 min Scan# 784

Delta R.T. 0.153 min

Lab File: BF094278.D

Acq: 7 Apr 2017 17:44

Tgt Ion: 70 Resp: 132759

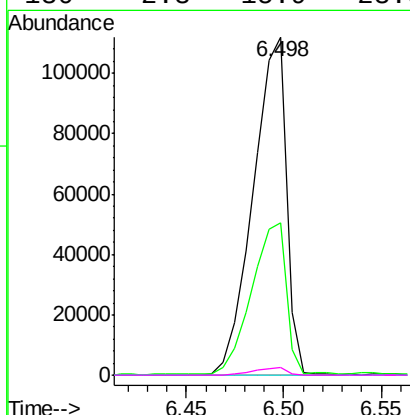
Ion Ratio Lower Upper

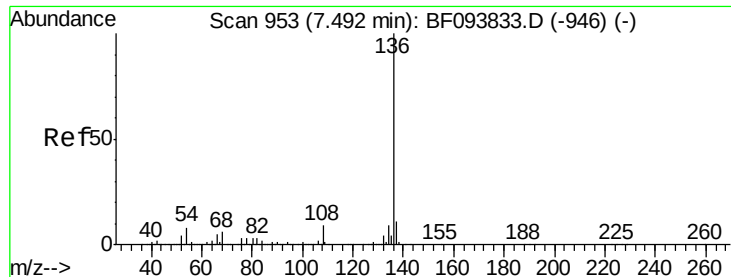
70 100

42 45.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

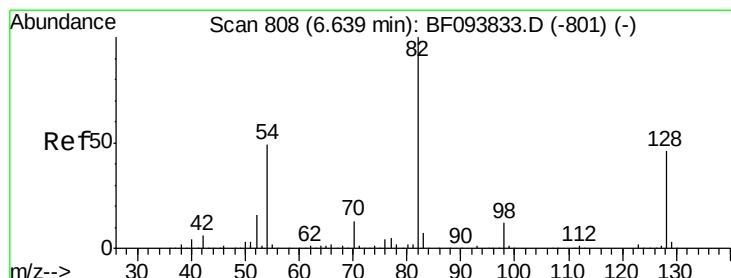
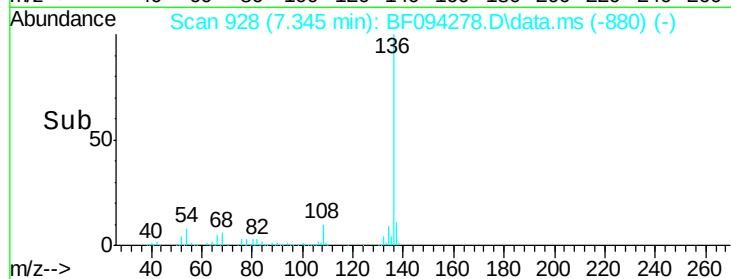
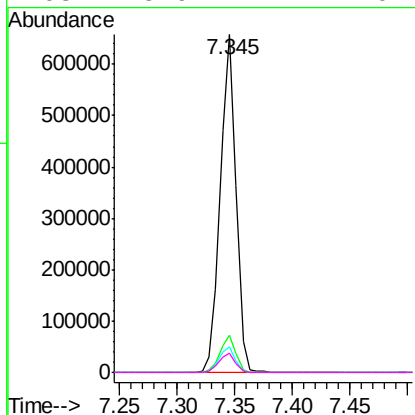
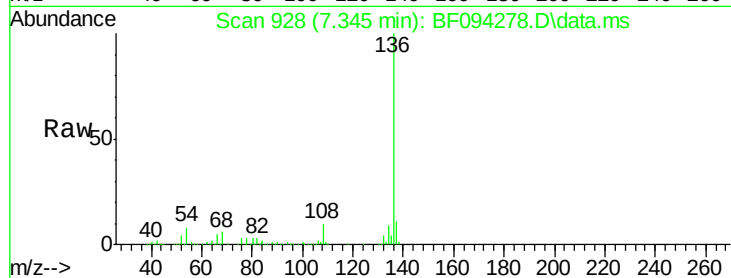




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.345 min Scan# 92
Delta R.T. -0.018 min
Lab File: BF094278.D
Acq: 7 Apr 2017 17:44

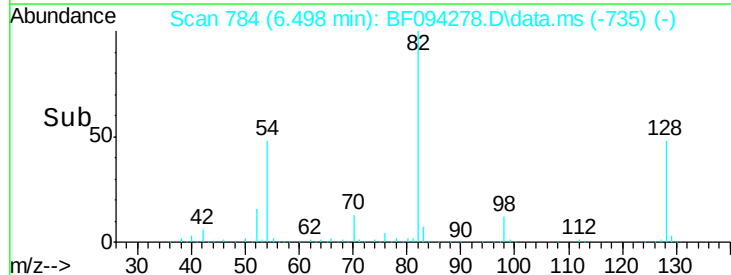
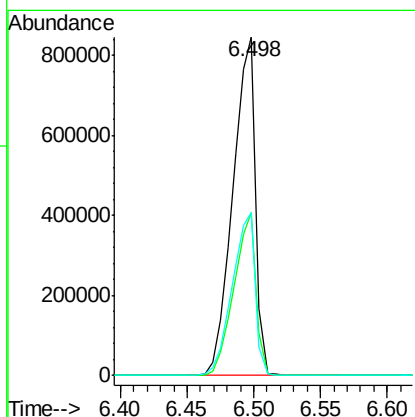
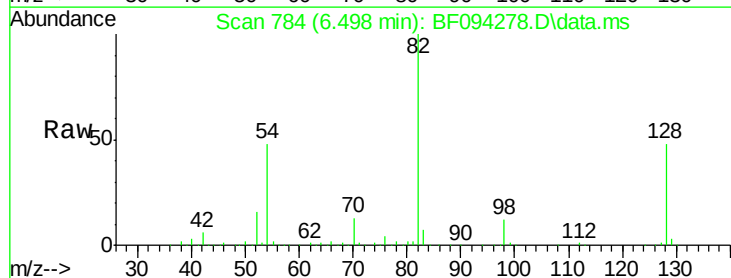
Instrument :
BNA_F
ClientSampleId :
14A

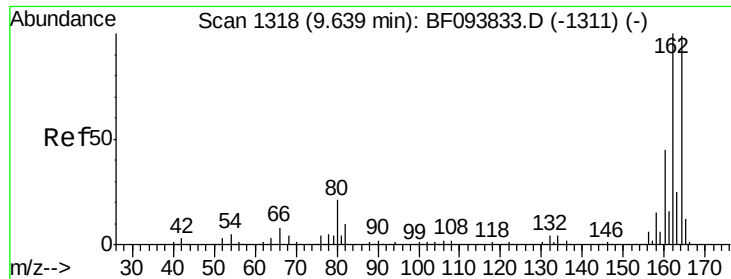
Tot Ion:136	Resp: 624112
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 7.5	4.9 7.3#
68 5.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 91.57 ng
RT: 6.498 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF094278.D
Acq: 7 Apr 2017 17:44

Tgt Ion: 82	Resp: 1001474
Ion Ratio	Lower Upper
82 100	
128 48.0	34.0 51.0
54 48.0	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.486 min Scan# 12

Delta R.T. -0.012 min

Lab File: BF094278.D

Acq: 7 Apr 2017 17:44

Instrument :

BNA_F

ClientSampleId :

14A

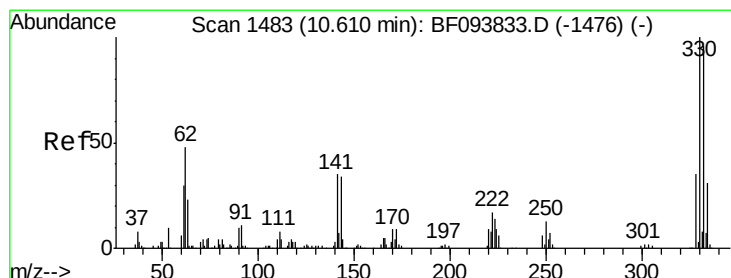
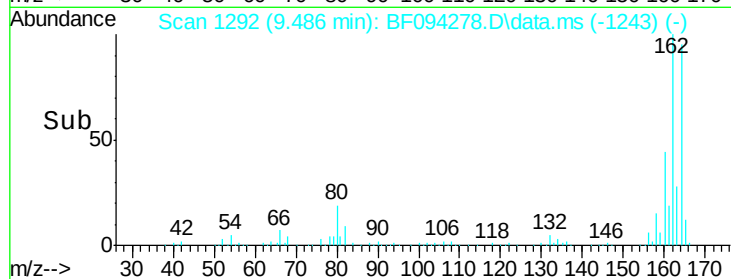
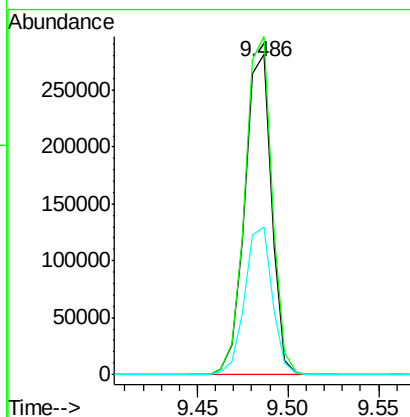
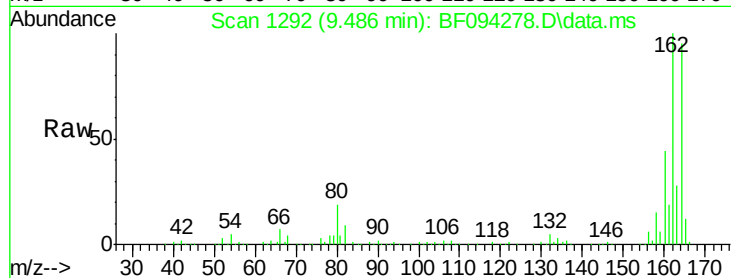
Tot Ion:164 Resp: 288981

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

160 46.0 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 154.62 ng

RT: 10.463 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF094278.D

Acq: 7 Apr 2017 17:44

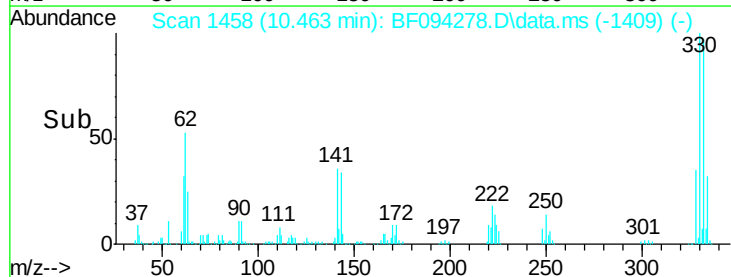
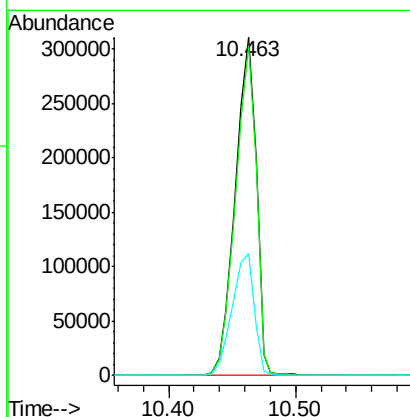
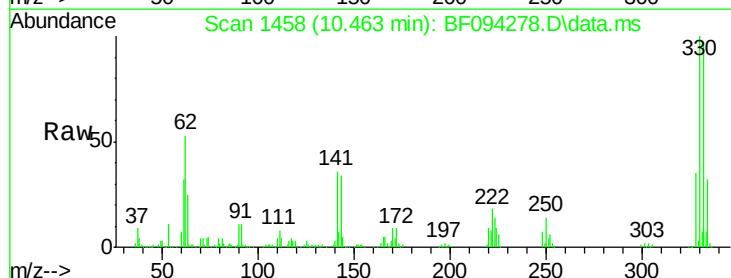
Tgt Ion:330 Resp: 353089

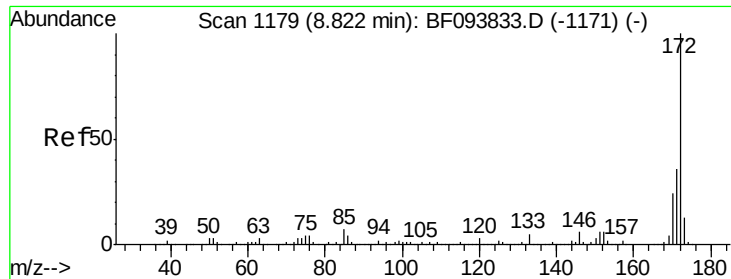
Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

141 37.9 31.4 47.2

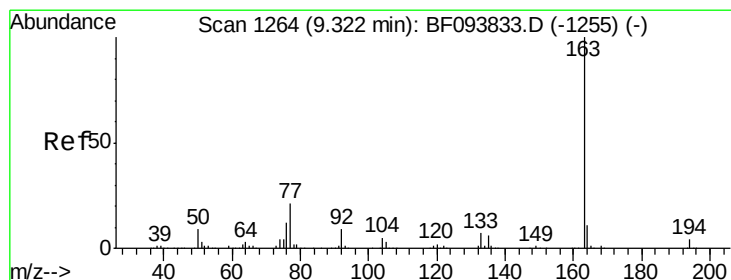
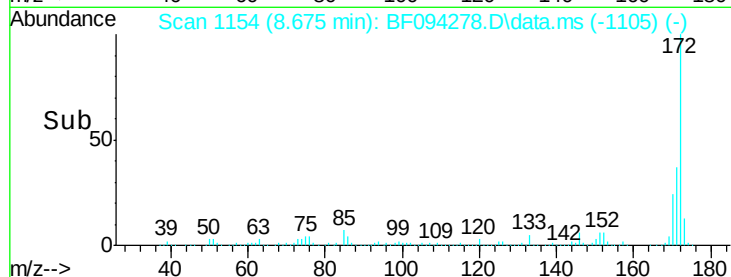
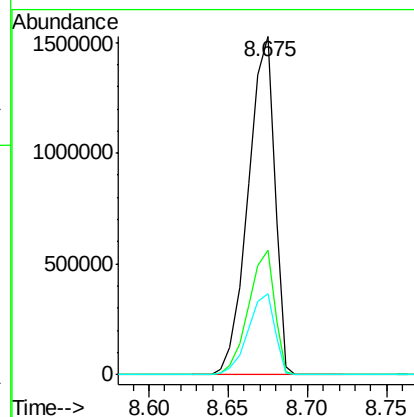
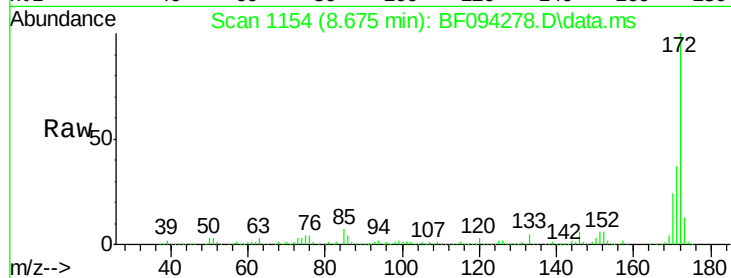




#44
2-Fluorobiphenyl
Concen: 93.48 ng
RT: 8.675 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF094278.D
Acq: 7 Apr 2017 17:44

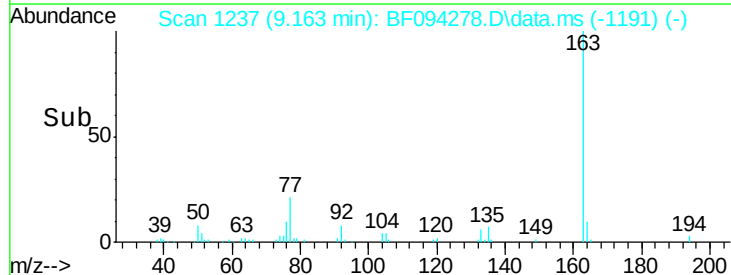
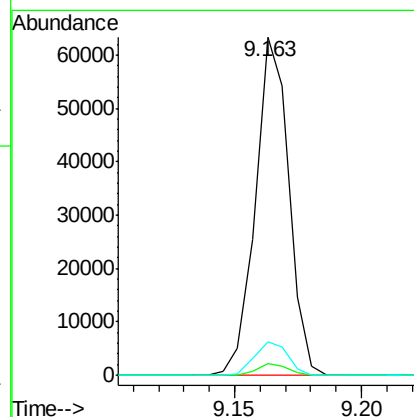
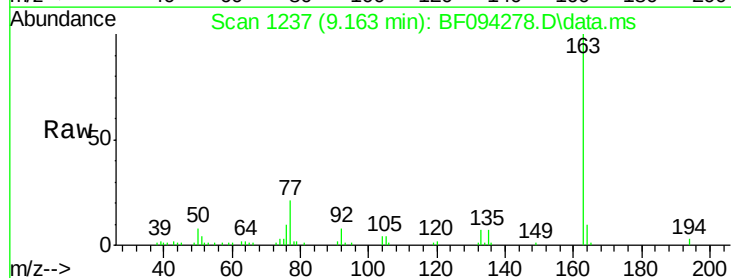
Instrument :
BNA_F
ClientSampleId :
14A

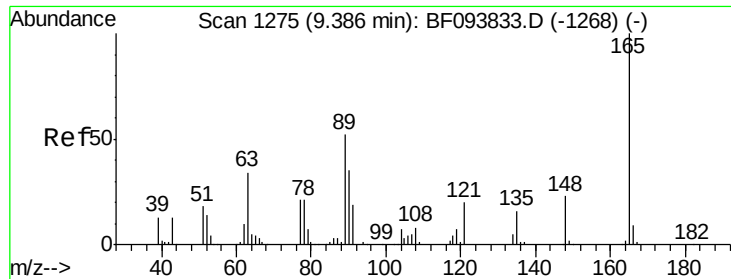
Tot Ion:172 Resp: 1771008
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 2.83 ng
RT: 9.163 min Scan# 1237
Delta R.T. -0.029 min
Lab File: BF094278.D
Acq: 7 Apr 2017 17:44

Tgt Ion:163 Resp: 58163
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6

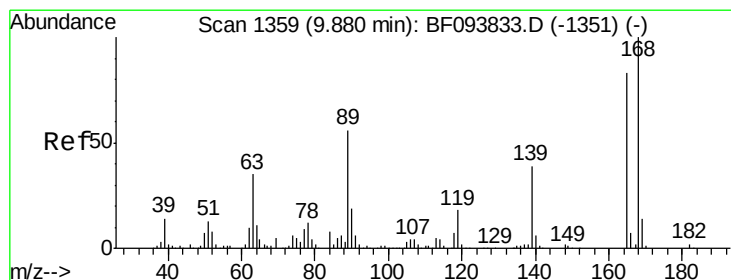
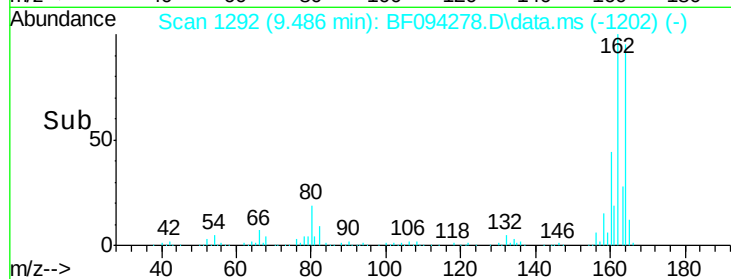
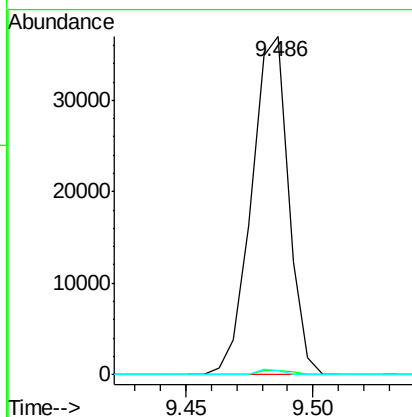
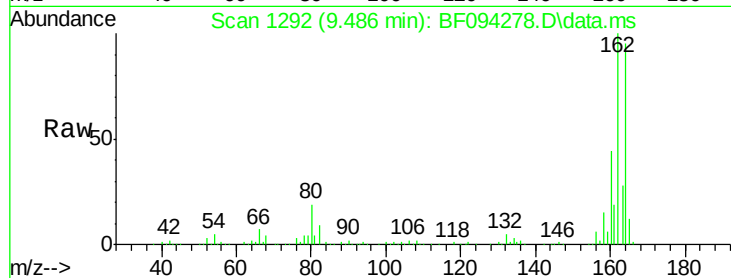




#50
 2,6-Dinitrotoluene
 Concen: 8.01 ng
 RT: 9.486 min Scan# 1275
 Delta R.T. 0.229 min
 Lab File: BF094278.D
 Acq: 7 Apr 2017 17:44

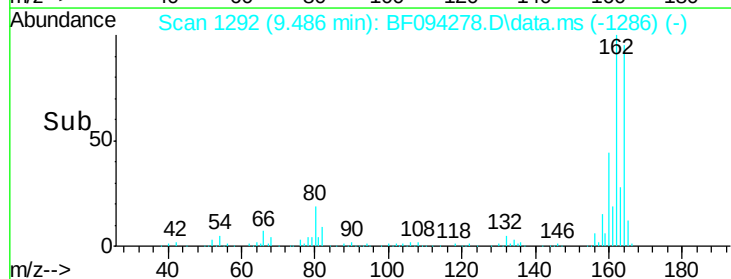
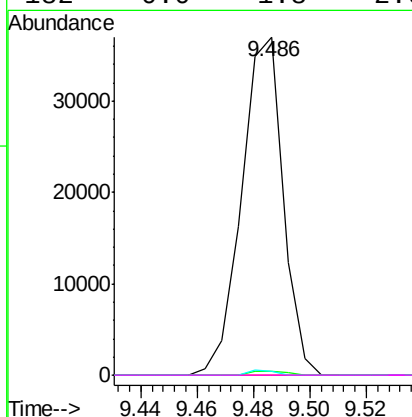
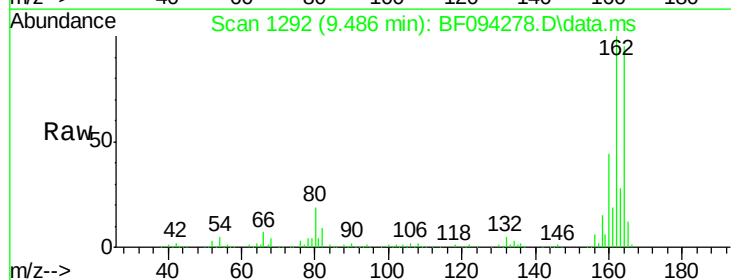
Instrument :
 BNA_F
 ClientSampleId :
 14A

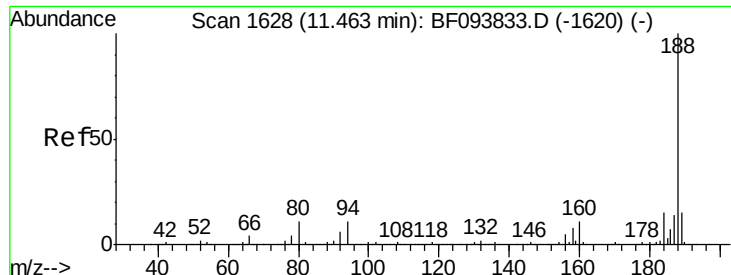
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.2	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.486 min Scan# 1292
 Delta R.T. -0.265 min
 Lab File: BF094278.D
 Acq: 7 Apr 2017 17:44

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

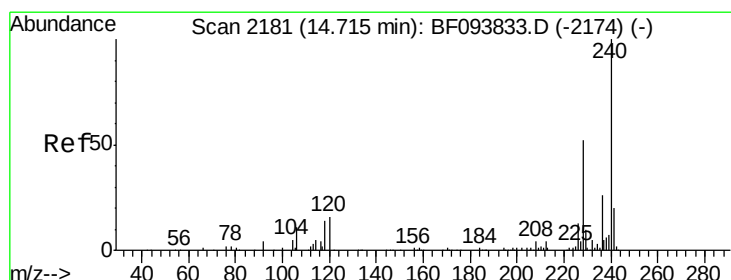
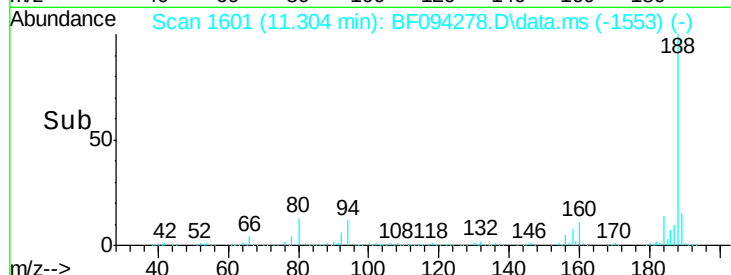
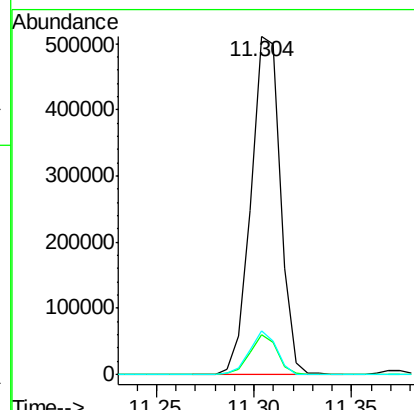
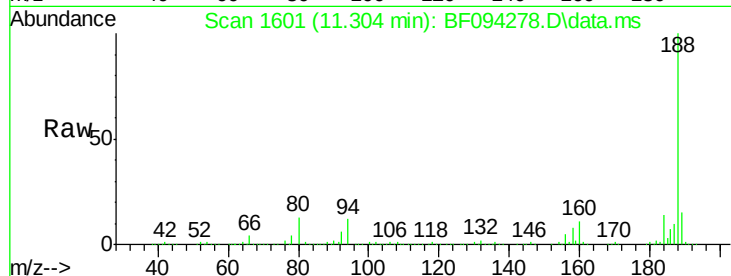




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.304 min Scan# 16
 Delta R.T. -0.018 min
 Lab File: BF094278.D
 Acq: 7 Apr 2017 17:44

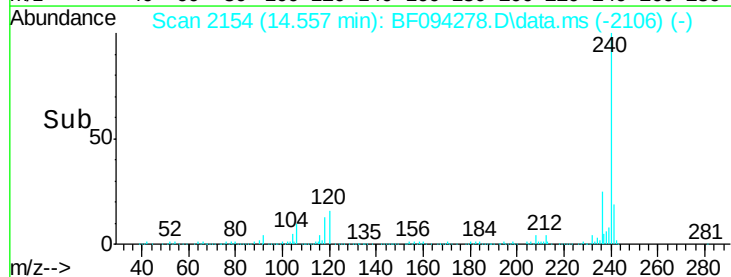
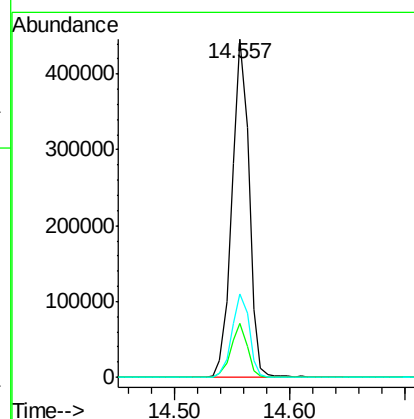
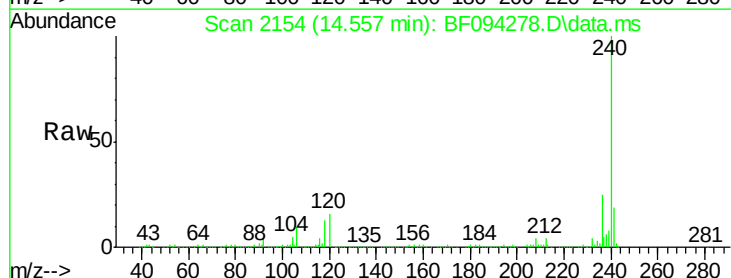
Instrument :
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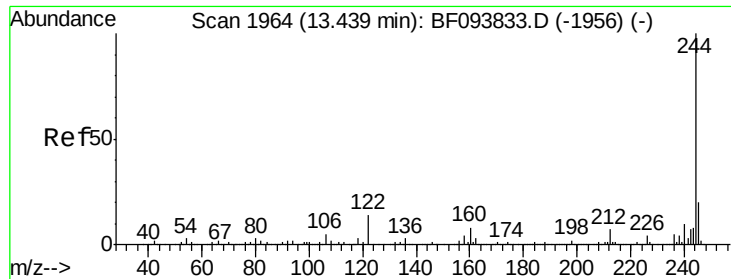
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.9	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.557 min Scan# 2154
 Delta R.T. -0.018 min
 Lab File: BF094278.D
 Acq: 7 Apr 2017 17:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	24.8	20.5	30.7





#78

Terphenyl-d14

Concen: 71.70 ng

RT: 13.292 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF094278.D

Acq: 7 Apr 2017 17:44

Instrument :

BNA_F

ClientSampleId :

14A

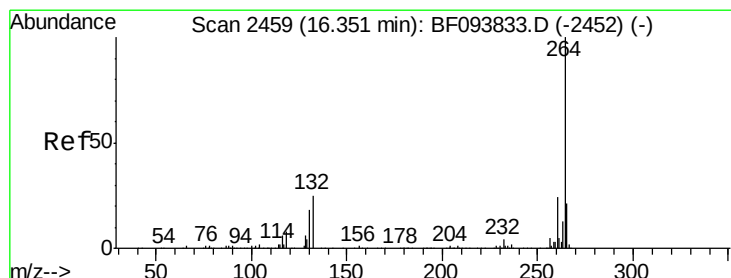
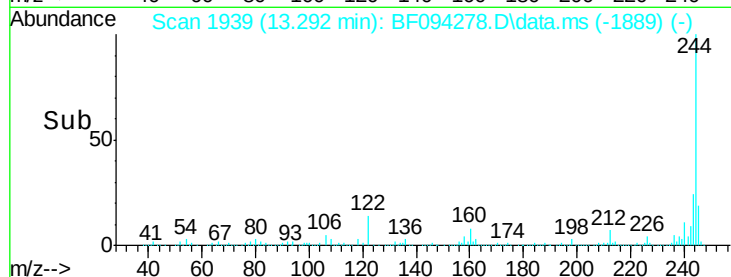
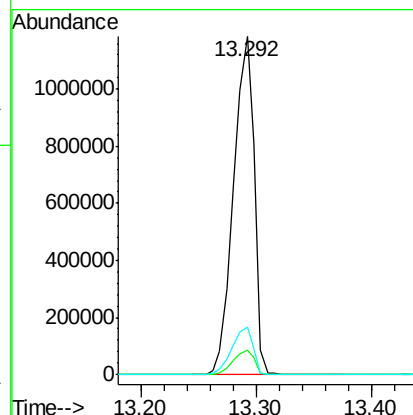
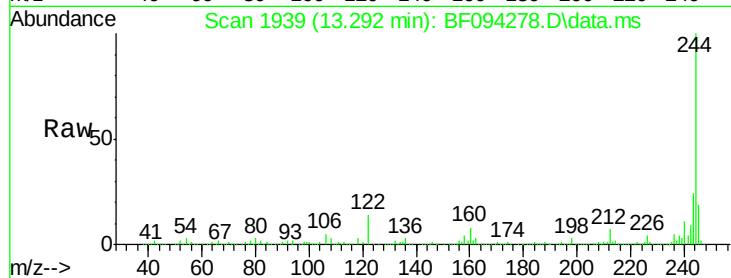
Tot Ion:244 Resp: 1465726

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 14.0 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: BF094278.D

Acq: 7 Apr 2017 17:44

Tgt Ion:264 Resp: 317183

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.1 17.2 25.8

