

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094301.D
 Acq On : 8 Apr 2017 5:45
 Operator : SJ/MA
 Sample : I2569-01DL 25X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3456-275030DL

Quant Time: Apr 08 06:20:24 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

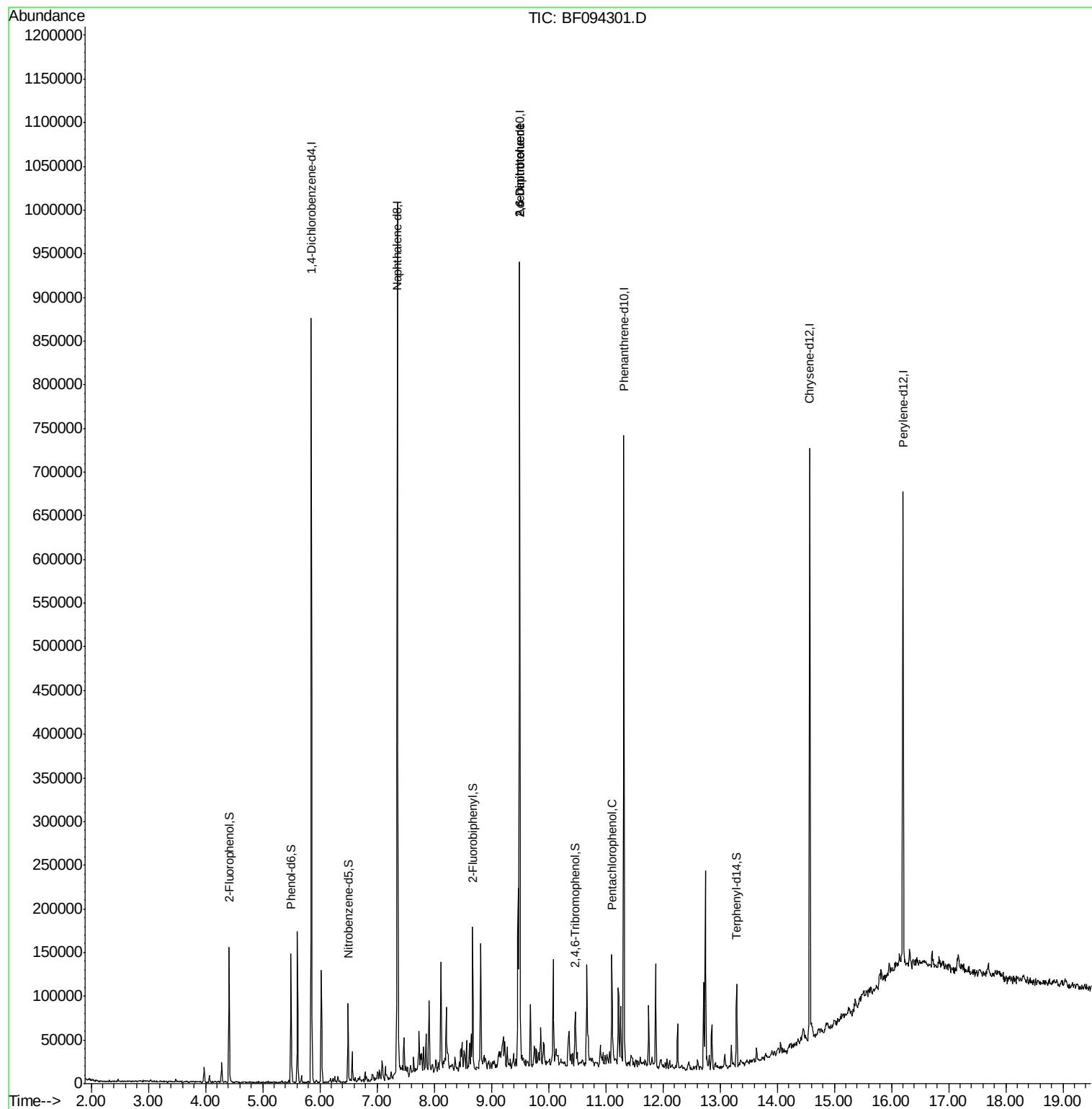
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	129609	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	504992	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	197356	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	277521	20.00	ng	0.00
75) Chrysene-d12	14.57	240	264345	20.00	ng	0.00
86) Perylene-d12	16.20	264	216582	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	45424	5.92	ng	0.02
7) Phenol-d6	5.49	99	53931	5.68	ng	0.03
23) Nitrobenzene-d5	6.49	82	28703	3.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	6284	4.03	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	51587	3.99	ng	-0.01
78) Terphenyl-d14	13.29	244	29307	2.49	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.49	165	25619	7.97	ng	# 34
56) 2,4-Dinitrotoluene	9.49	165	25619	6.34	ng	# 33
69) Pentachlorophenol	11.11	266	19220	11.18	ng	97

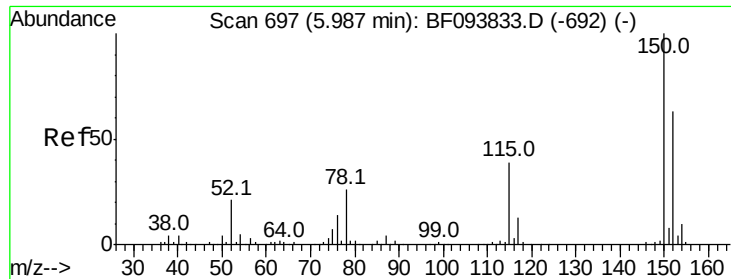
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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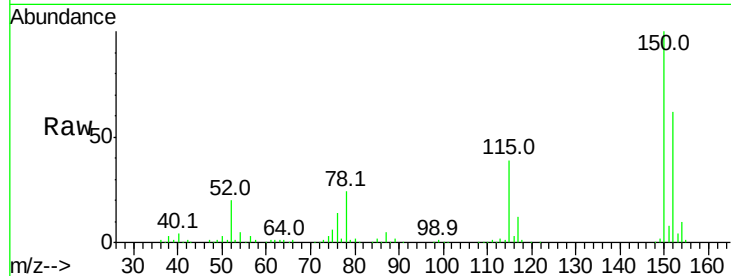


#1

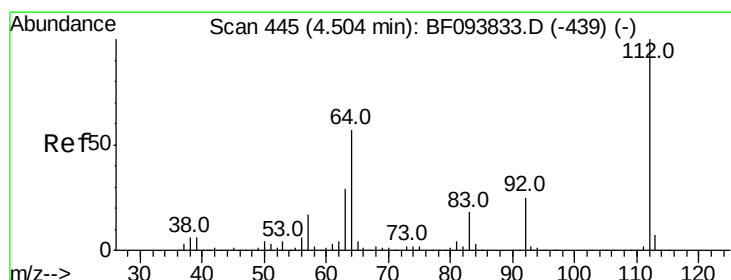
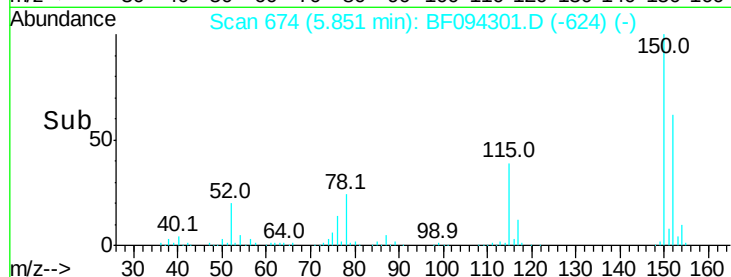
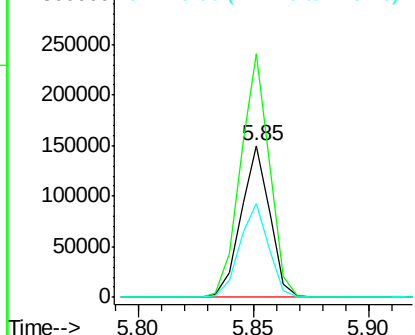
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094301.D
Acq: 8 Apr 2017 5:45

Instrument :
BNA_F
ClientSampleId :
RT3456-275030DL

Tot Ion:152 Resp: 129609
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 62.0 52.2 78.2



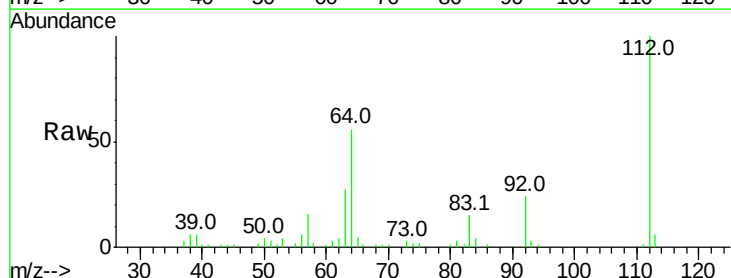
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



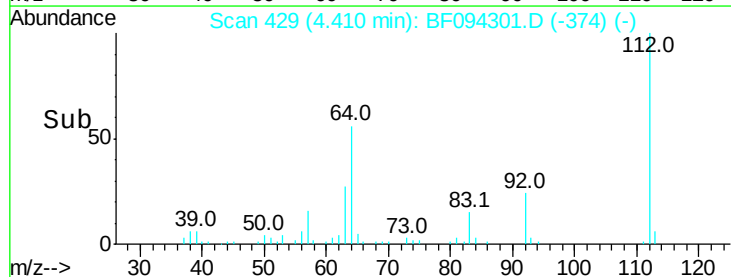
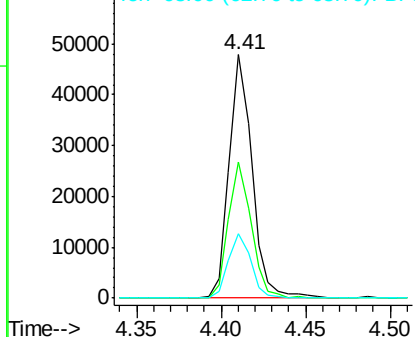
#5

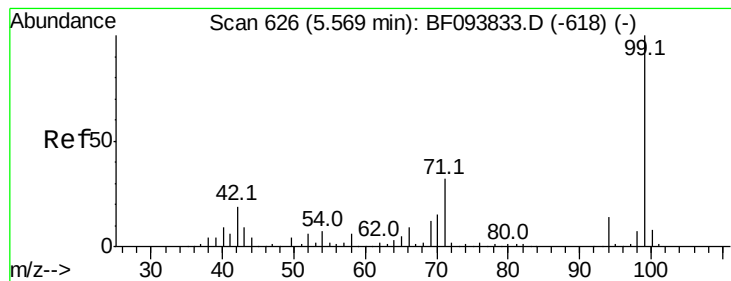
2-Fluorophenol
Concen: 5.92 ng
RT: 4.41 min Scan# 429
Delta R.T. 0.02 min
Lab File: BF094301.D
Acq: 8 Apr 2017 5:45

Tgt Ion:112 Resp: 45424
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 26.7 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: 5.68 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF094301.D

Acq: 8 Apr 2017 5:45

Instrument :

BNA_F

ClientSampleId :

RT3456-275030DL

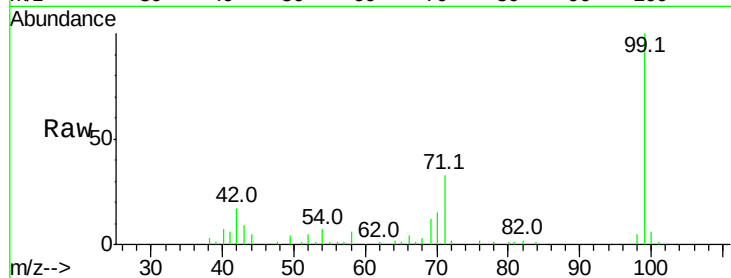
Tot Ion: 99 Resp: 53931

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

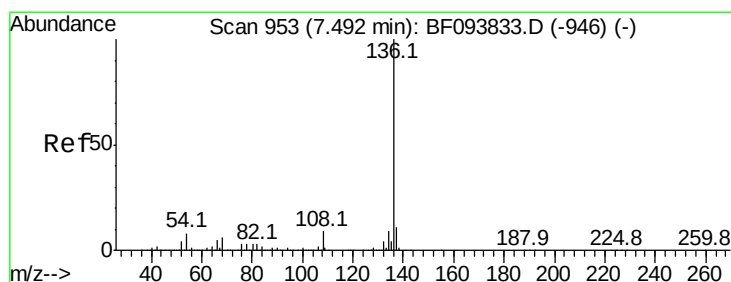
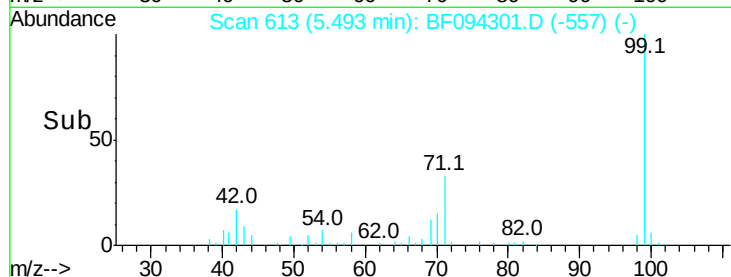
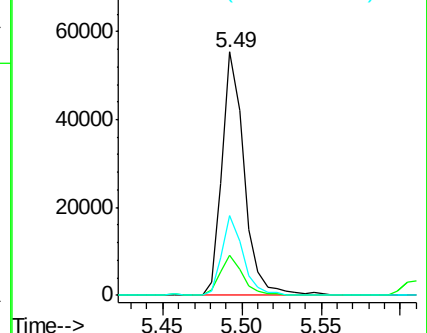
71 33.0 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094301.D

Acq: 8 Apr 2017 5:45

Tgt Ion: 136 Resp: 504992

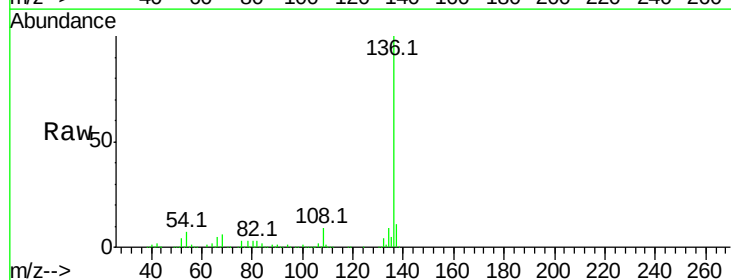
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.8 4.1 6.1

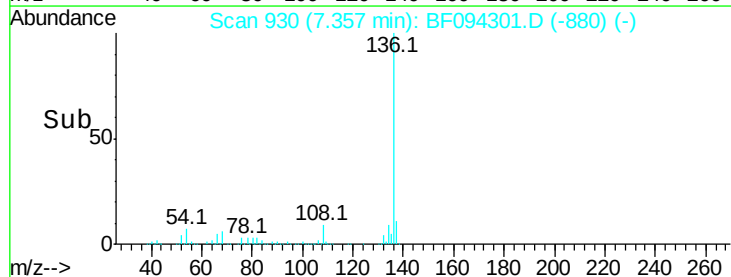
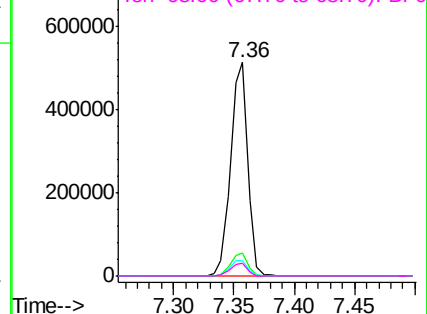


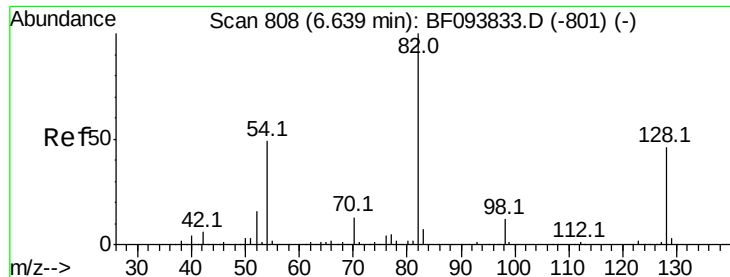
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

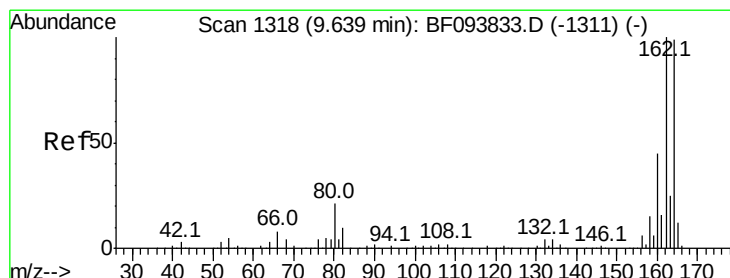
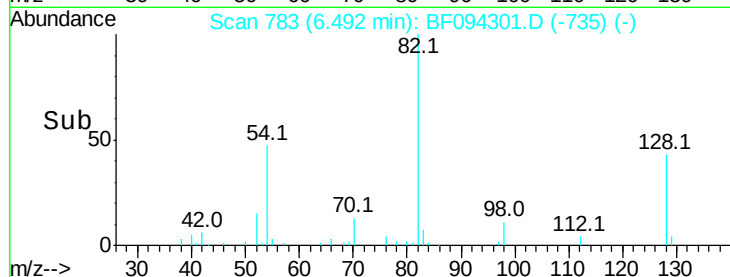
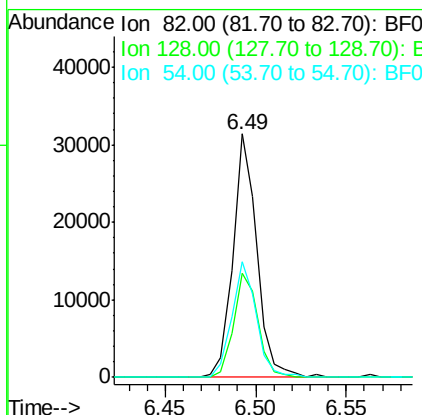
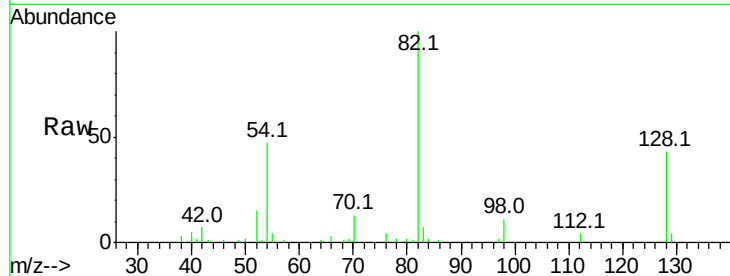




#23
 Nitrobenzene-d5
 Concen: 3.24 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094301.D
 Acq: 8 Apr 2017 5:45

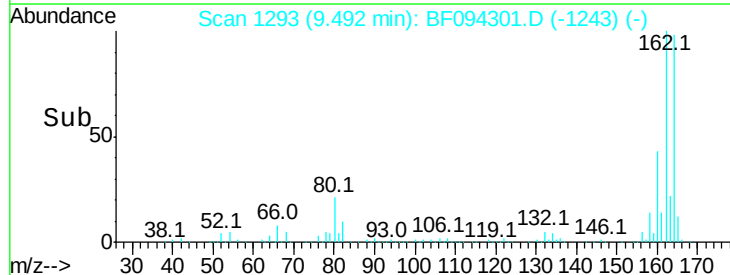
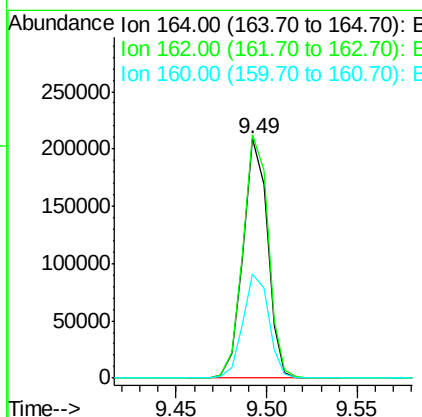
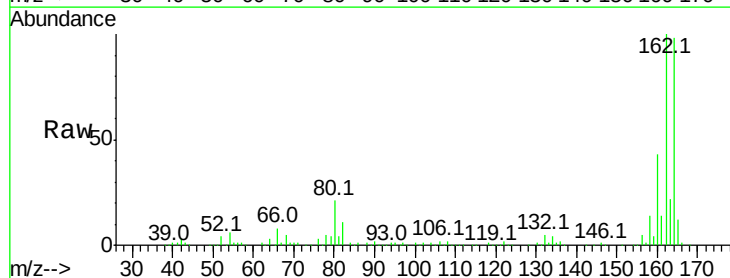
Instrument :
 BNA_F
 ClientSampleId :
 RT3456-275030DL

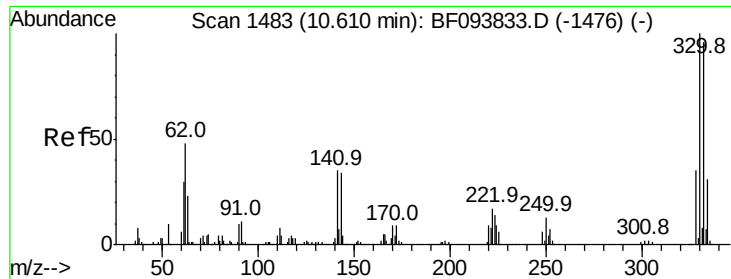
Tot Ion	82	Resp	28703
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.0	51.0
54	47.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094301.D
 Acq: 8 Apr 2017 5:45

Tgt Ion	164	Resp	197356
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.6	123.8
160	43.2	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 4.03 ng

RT: 10.47 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF094301.D

Acq: 8 Apr 2017 5:45

Instrument :

BNA_F

ClientSampleId :

RT3456-275030DL

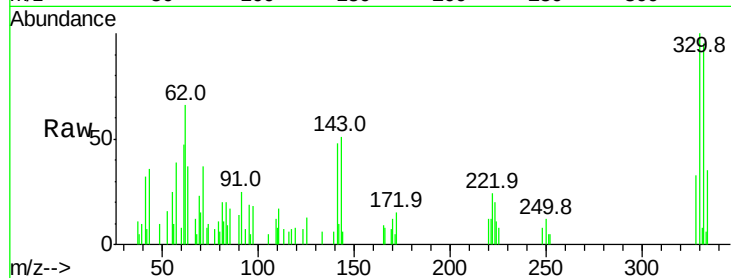
Tot Ion:330 Resp: 6284

Ion Ratio Lower Upper

330 100

332 98.2 76.6 115.0

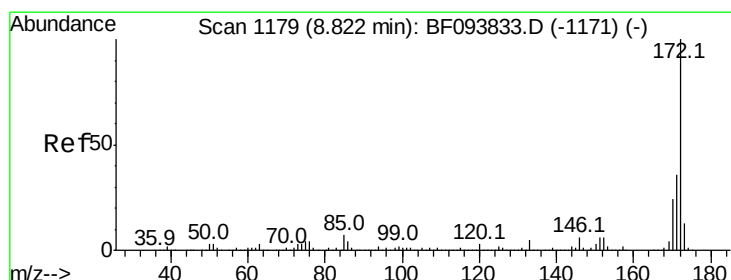
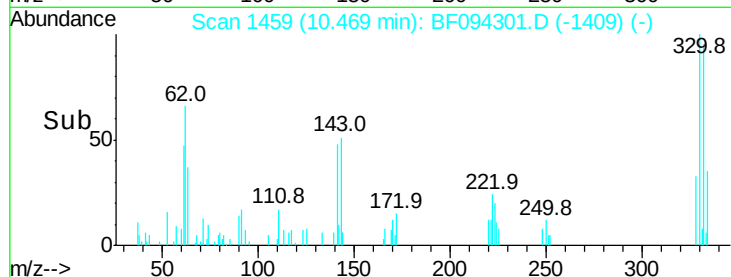
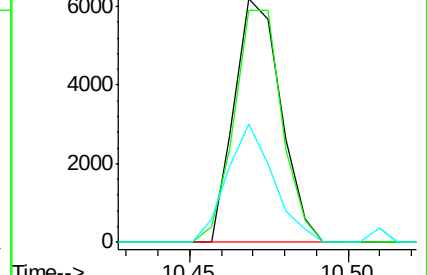
141 48.4 31.4 47.2#



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: 3.99 ng

RT: 8.67 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF094301.D

Acq: 8 Apr 2017 5:45

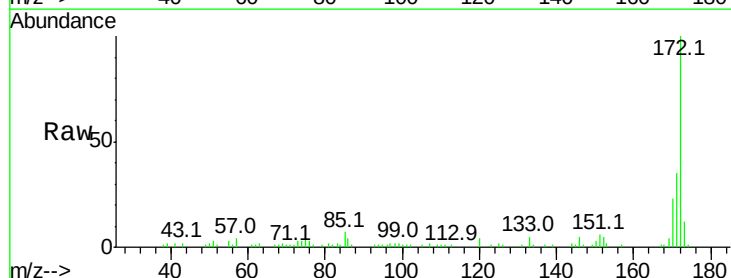
Tgt Ion:172 Resp: 51587

Ion Ratio Lower Upper

172 100

171 35.3 29.6 44.4

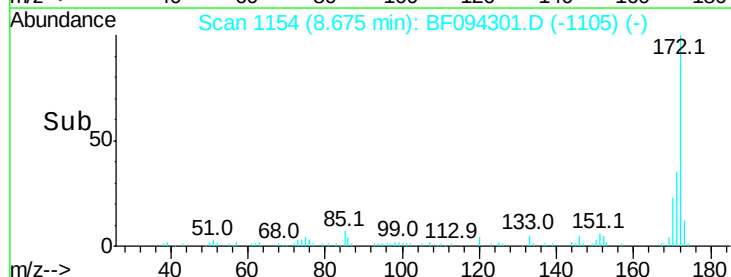
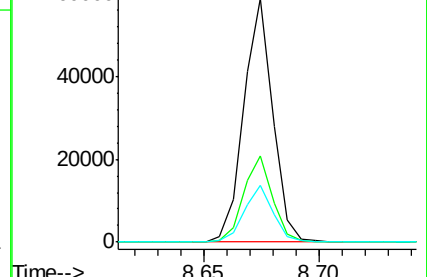
170 23.1 19.8 29.8

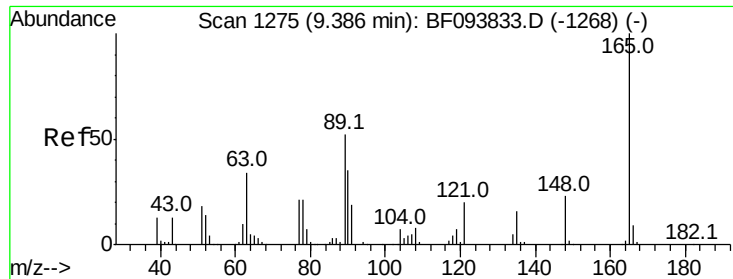


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

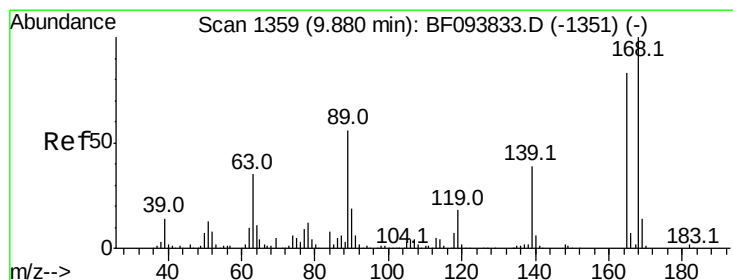
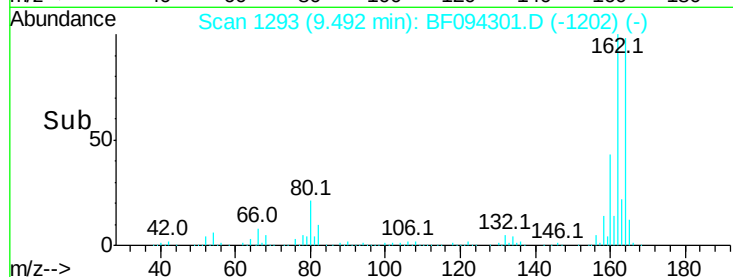
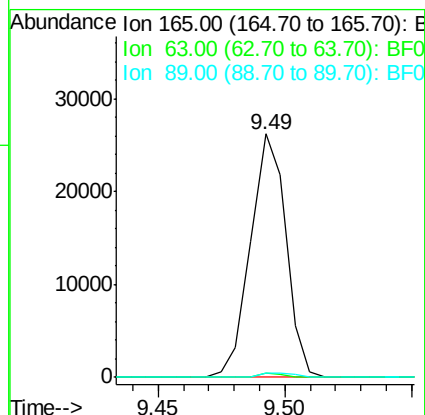
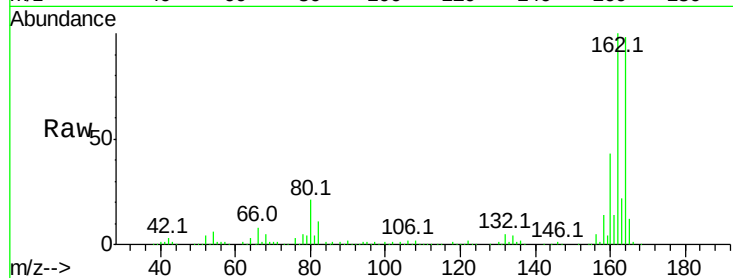




#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.24 min
 Lab File: BF094301.D
 Acq: 8 Apr 2017 5:45

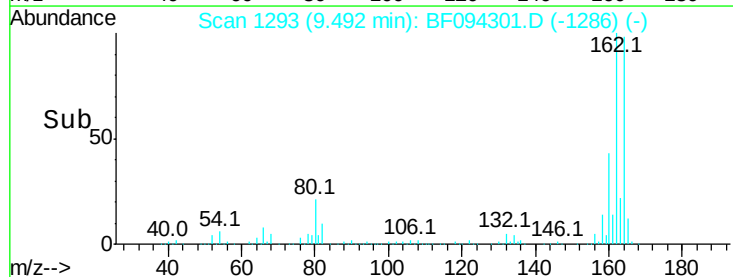
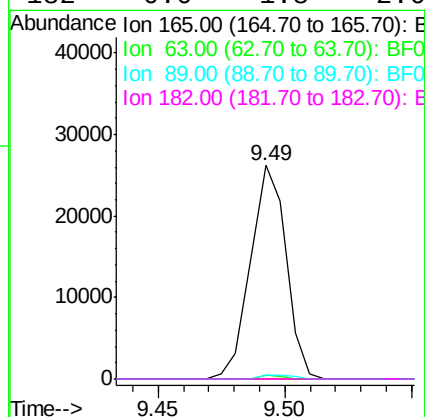
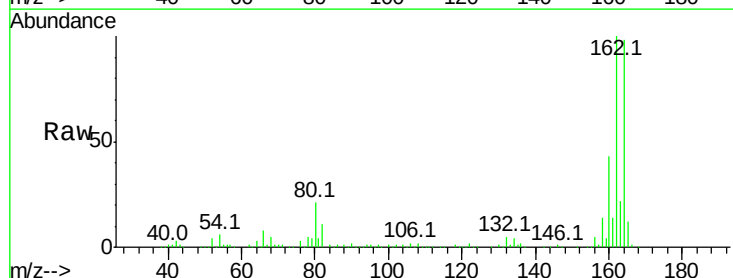
Instrument :
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 RT3456-275030DL

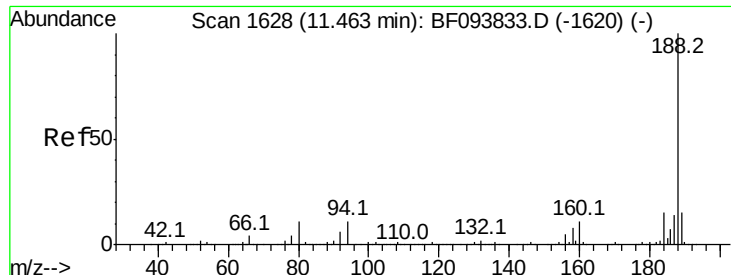
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.26 min
 Lab File: BF094301.D
 Acq: 8 Apr 2017 5:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

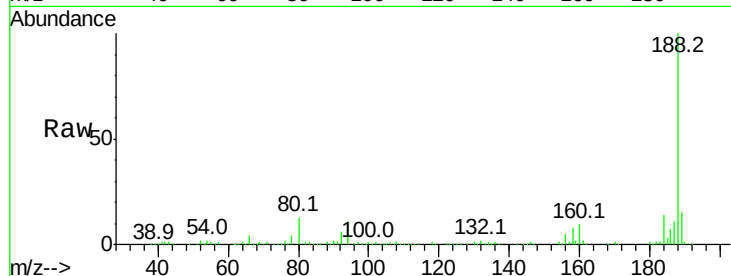




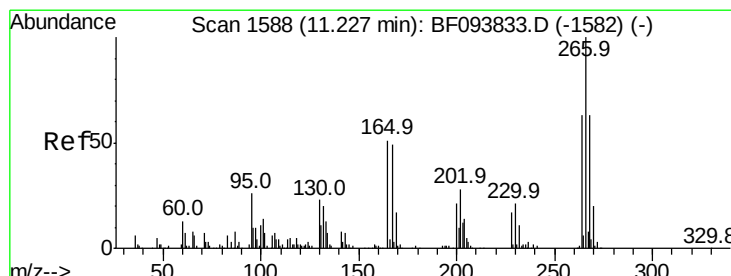
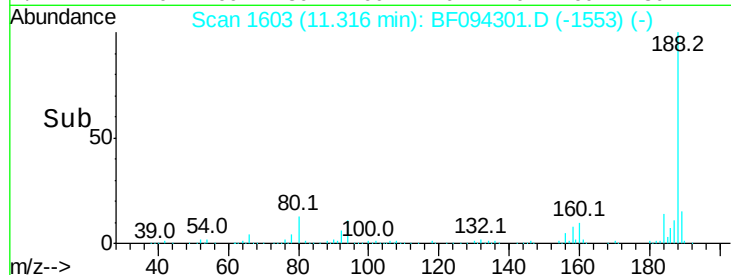
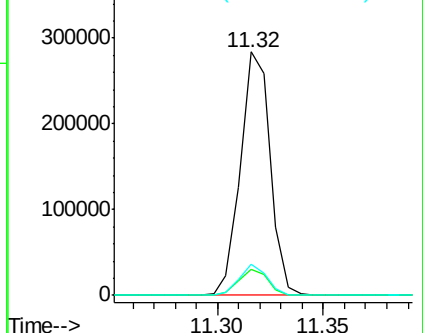
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094301.D
Acq: 8 Apr 2017 5:45

Instrument :
BNA_F
ClientSampleId :
RT3456-275030DL

Tot Ion:188 Resp: 277521
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.6 10.2 15.2

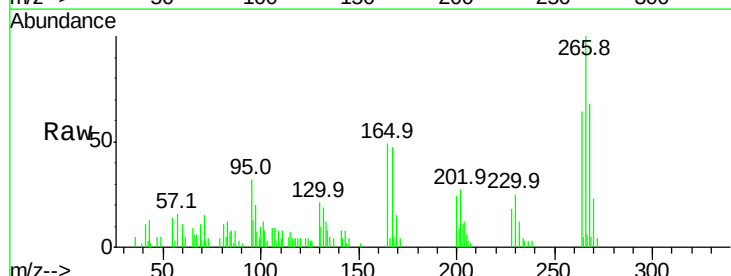


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

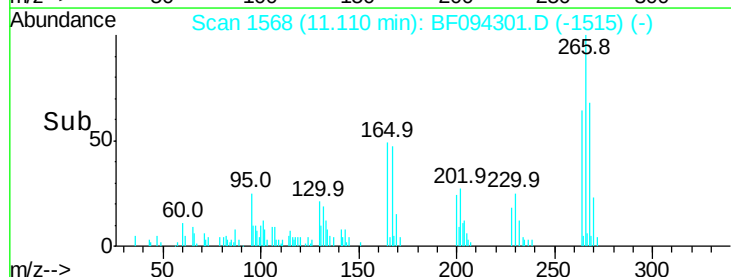
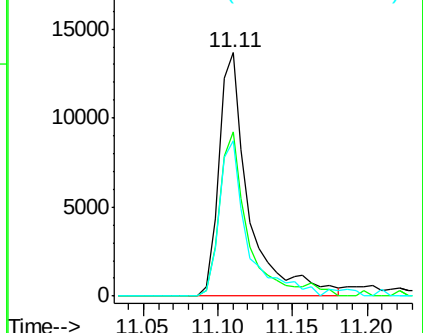


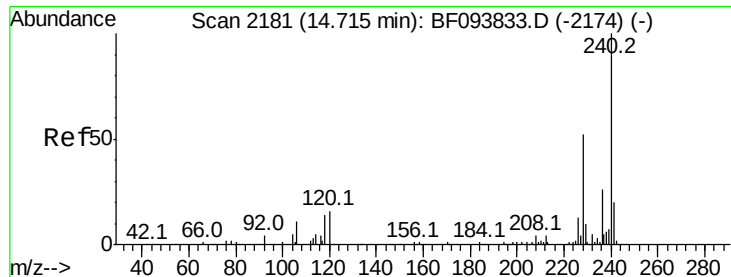
#69
Pentachlorophenol
Concen: 11.18 ng
RT: 11.11 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF094301.D
Acq: 8 Apr 2017 5:45

Tgt Ion:266 Resp: 19220
Ion Ratio Lower Upper
266 100
268 67.7 51.1 76.7
264 63.6 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094301.D

Acq: 8 Apr 2017 5:45

Instrument :

BNA_F

ClientSampleId :

RT3456-275030DL

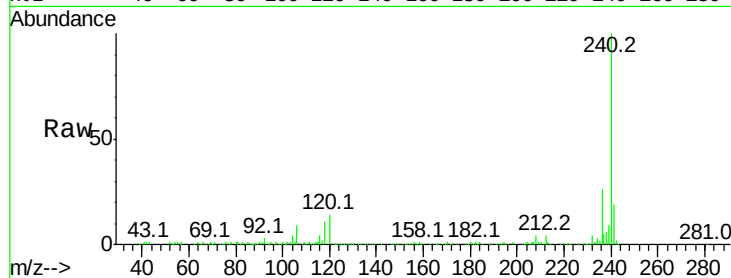
Tot Ion:240 Resp: 264345

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

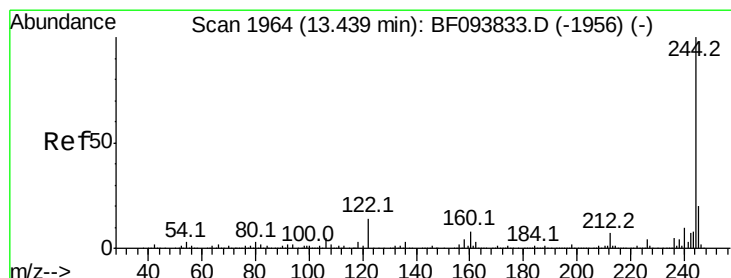
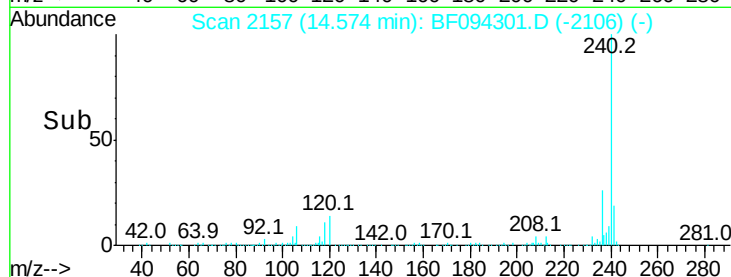
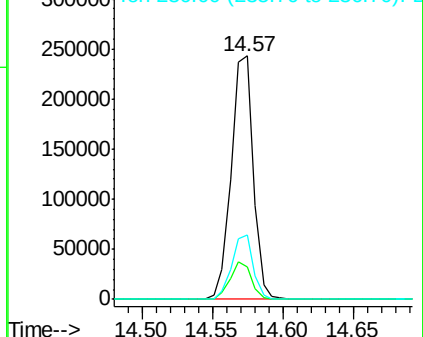
236 26.2 20.5 30.7



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: 2.49 ng

RT: 13.29 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BF094301.D

Acq: 8 Apr 2017 5:45

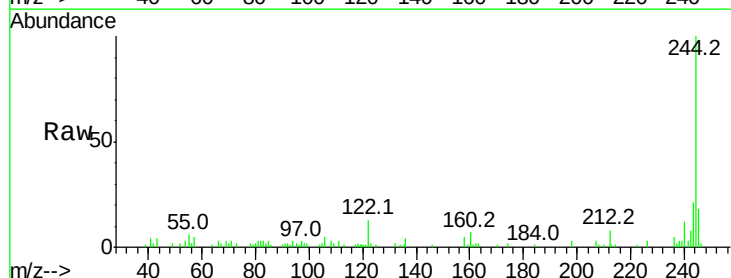
Tgt Ion:244 Resp: 29307

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

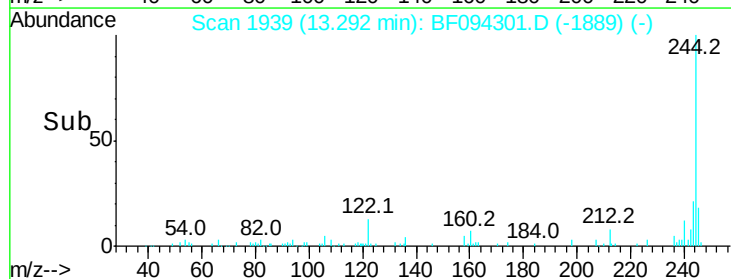
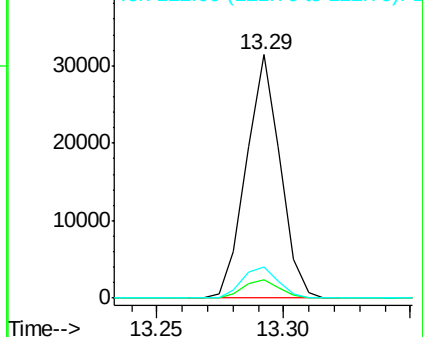
122 12.8 10.3 15.5

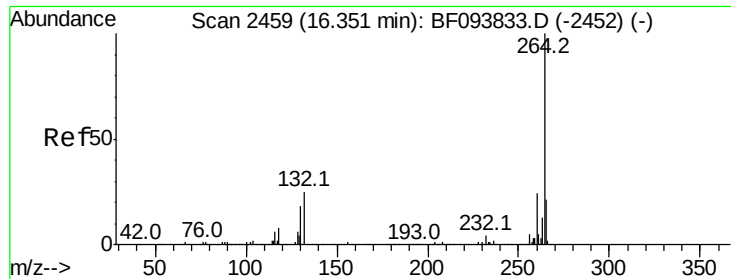


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094301.D
Acq: 8 Apr 2017 5:45

Instrument :
BNA_F
ClientSampleId :
RT3456-275030DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.2	17.2	25.8

