

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094348.D
 Acq On : 11 Apr 2017 9:39
 Operator : SJ/MA
 Sample : I2601-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-28-S1(4-6)

Quant Time: Apr 11 11:30:52 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

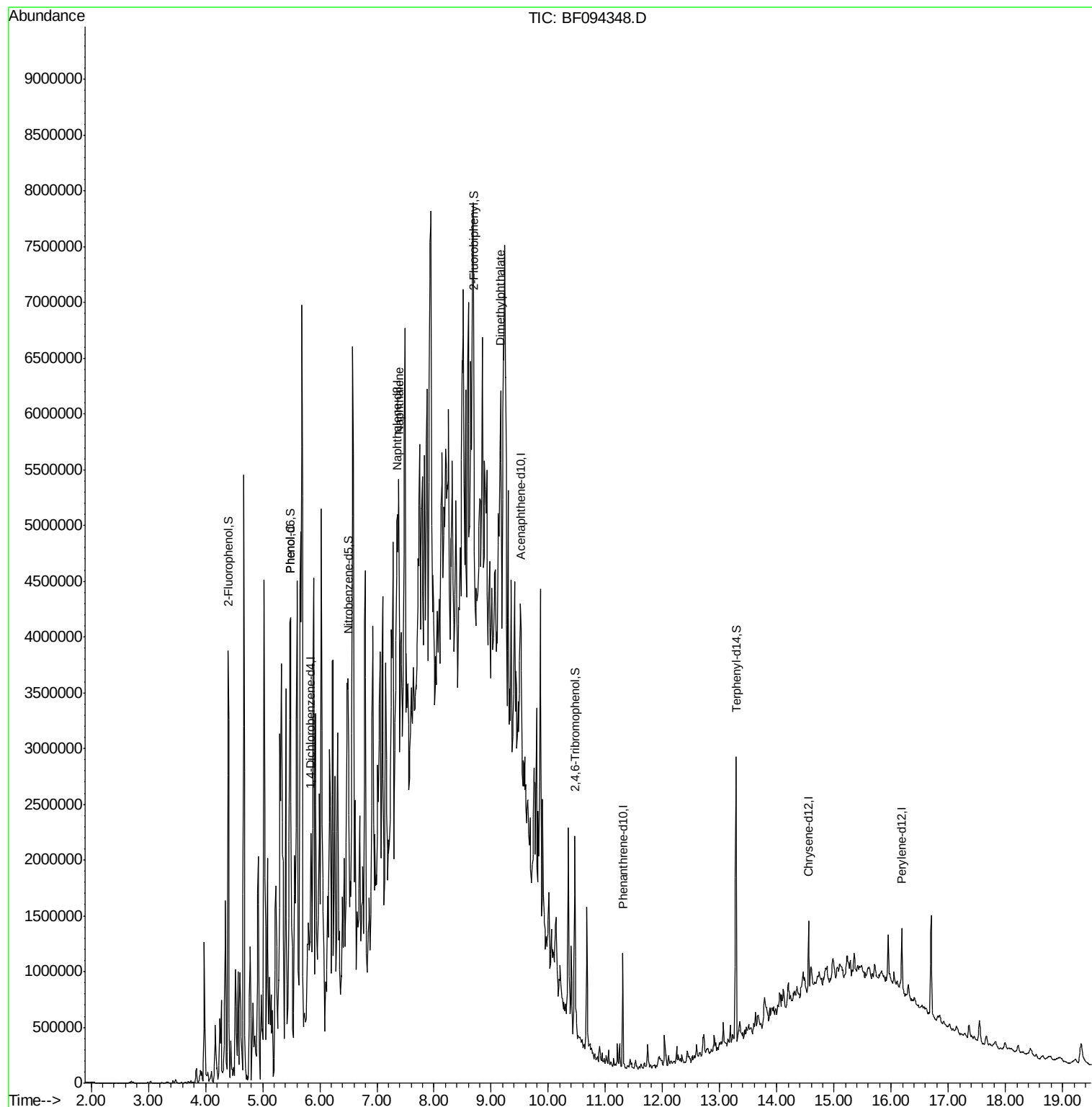
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	142335	20.00	ng	-0.01
21) Naphthalene-d8	7.36	136	425729	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	190357	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	379281	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	277256	20.00	ng	-0.02
86) Perylene-d12	16.19	264	220500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1244237	147.65	ng	0.01
7) Phenol-d6	5.48	99	1494950	143.40	ng	0.02
23) Nitrobenzene-d5	6.50	82	972967	130.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	250727	166.68	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	725041	58.10	ng	0.00
78) Terphenyl-d14	13.29	244	978008	79.07	ng	-0.01
Target Compounds						
10) Phenol	5.49	94	99645	8.40	ng	Qvalue 86
31) Naphthalene	7.38	128	85163	4.16	ng	# 66
49) Dimethylphthalate	9.17	163	158374	11.70	ng	# 86

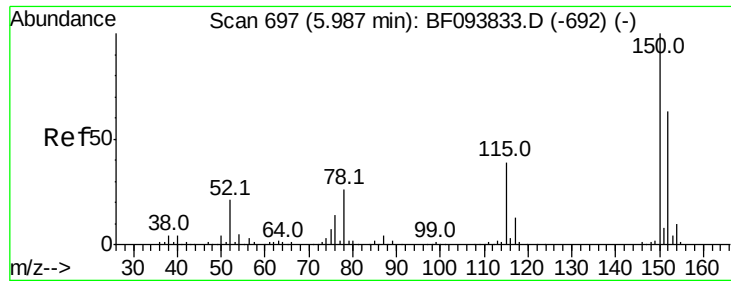
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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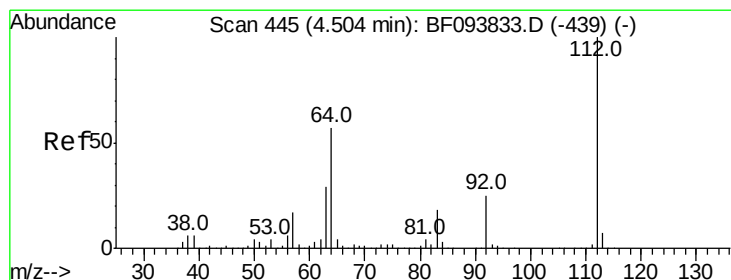
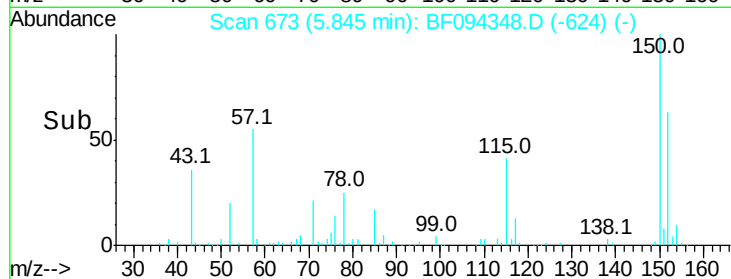
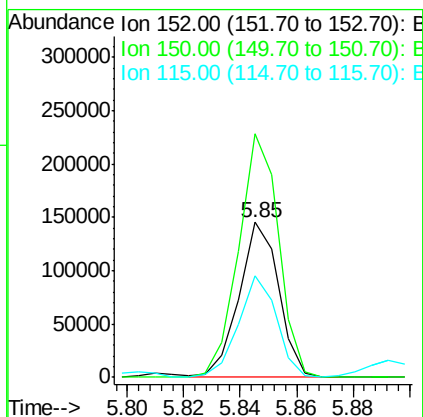
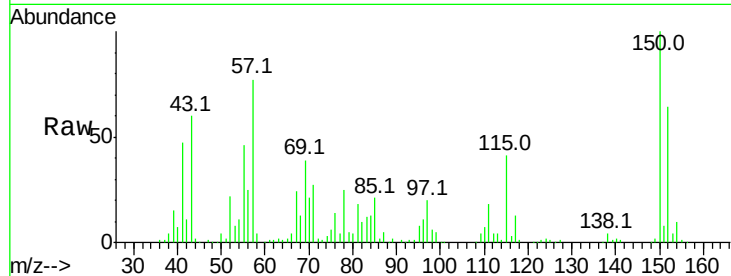


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :
B-28-S1(4-6)

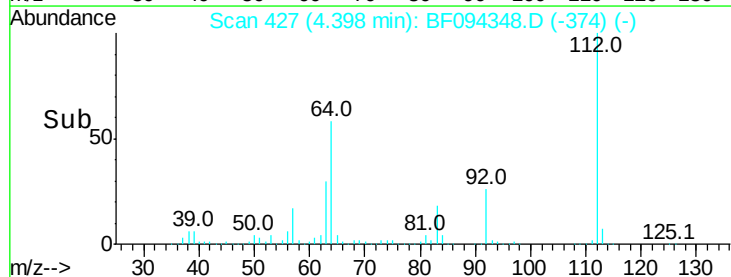
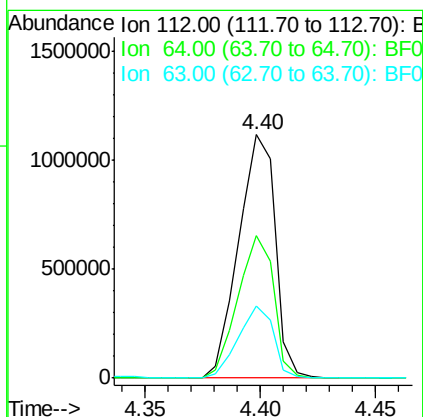
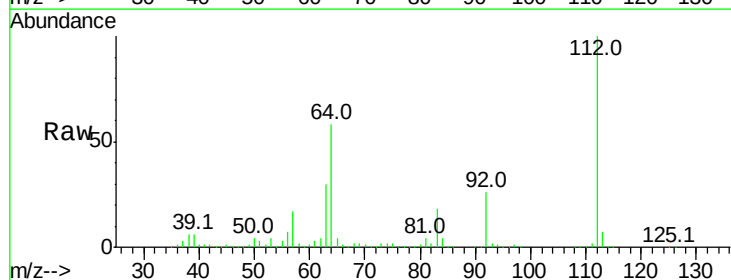
Tot Ion:152 Resp: 142335
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 65.2 52.2 78.2

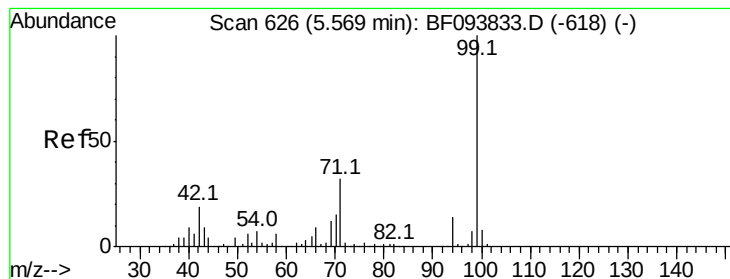


#5

2-Fluorophenol
Concen: 147.65 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

Tgt Ion:112 Resp: 1244237
Ion Ratio Lower Upper
112 100
64 58.4 46.0 69.0
63 29.6 23.4 35.0





#7

Phenol-d6

Concen: 143.40 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094348.D

Acq: 11 Apr 2017 9:39

Instrument :

BNA_F

ClientSampleId :

B-28-S1(4-6)

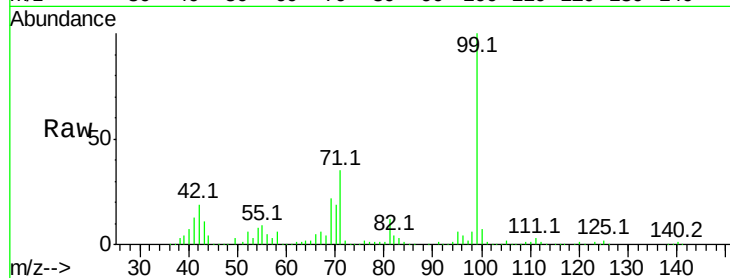
Tot Ion: 99 Resp: 1494950

Ion Ratio Lower Upper

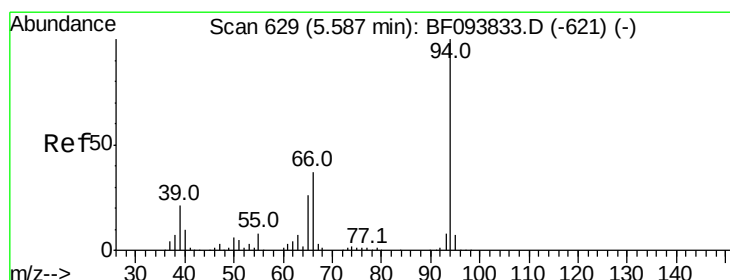
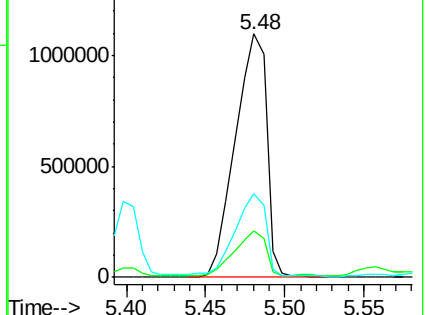
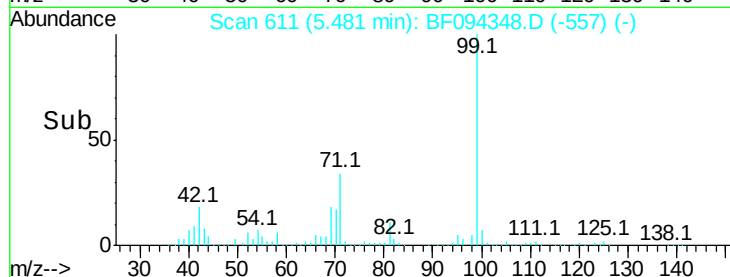
99 100

42 18.9 13.5 20.3

71 34.5 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



#10

Phenol

Concen: 8.40 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094348.D

Acq: 11 Apr 2017 9:39

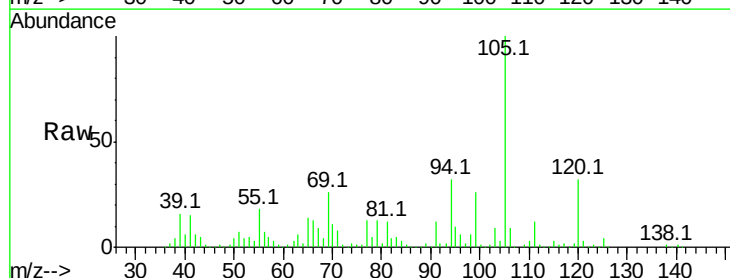
Tgt Ion: 94 Resp: 99645

Ion Ratio Lower Upper

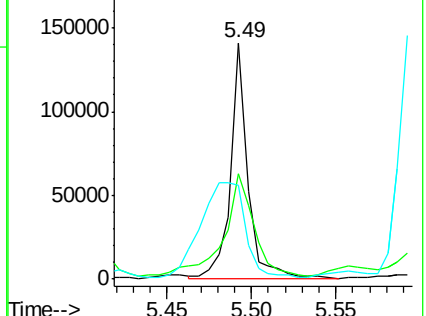
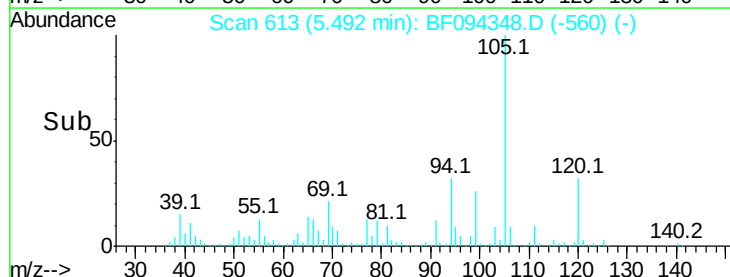
94 100

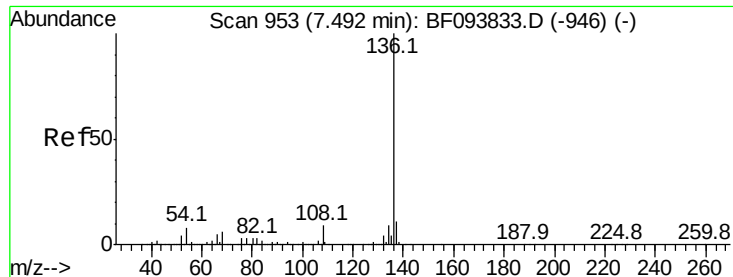
65 44.9 9.9 49.9

66 39.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

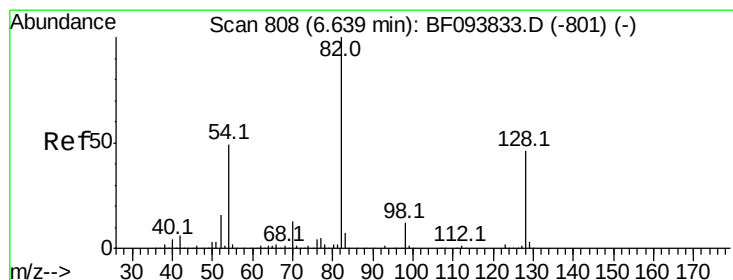
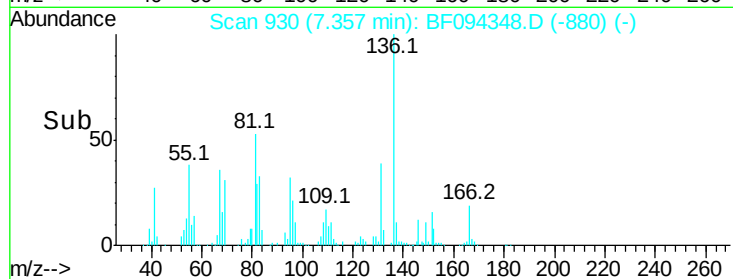
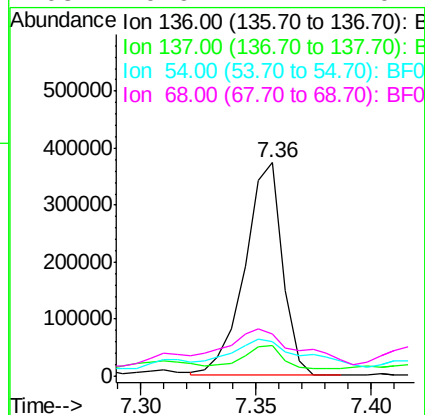
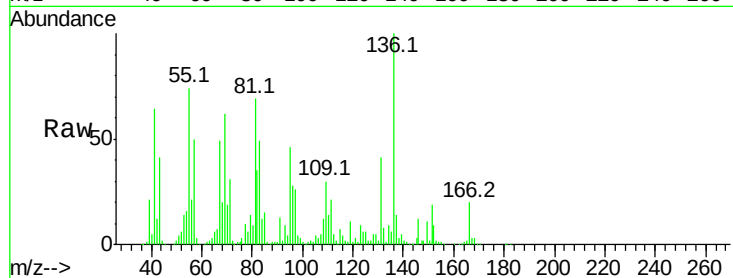




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

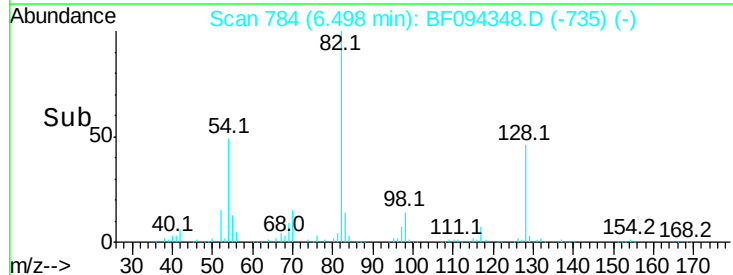
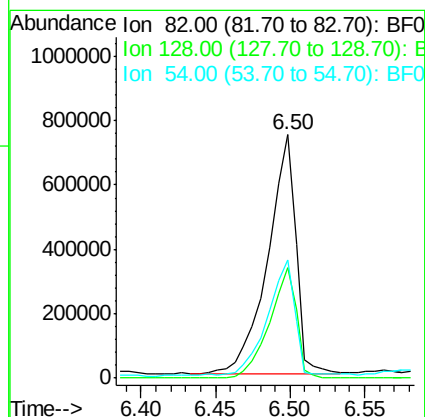
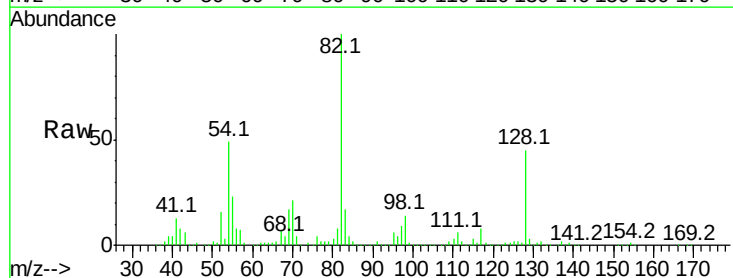
Instrument :
BNA_F
ClientSampleId :
B-28-S1(4-6)

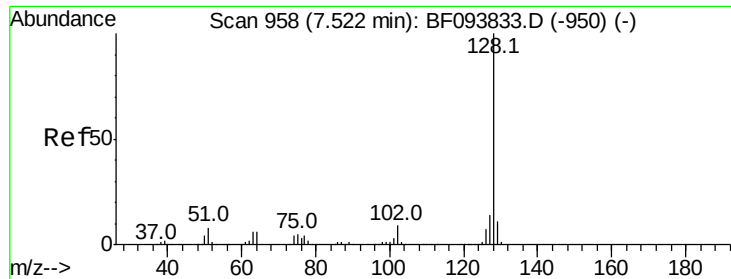
Tot Ion:	136	Resp:	425729
Ion	Ratio	Lower	Upper
136	100		
137	14.2	8.5	12.7#
54	15.9	4.9	7.3#
68	19.9	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 130.43 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

Tgt Ion:	82	Resp:	972967
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	48.5	42.2	63.2

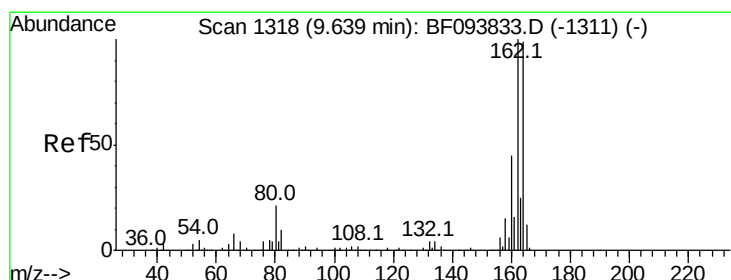
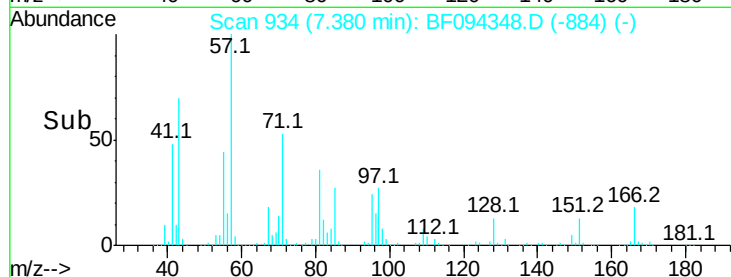
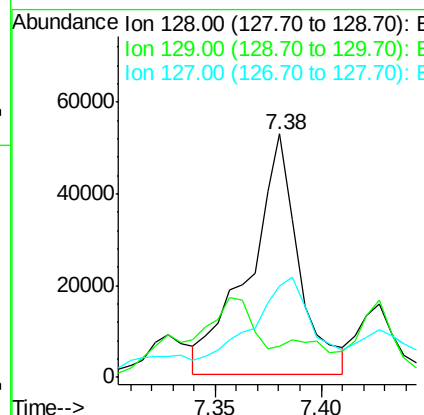
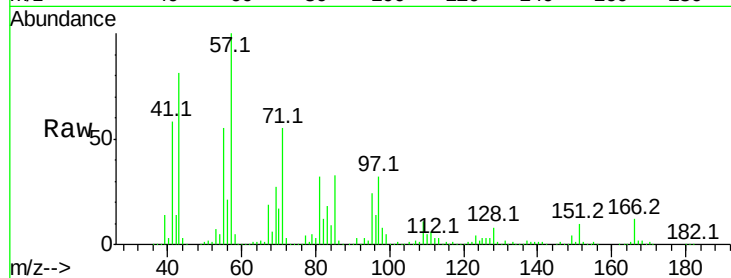




#31
Naphthalene
Concen: 4.16 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

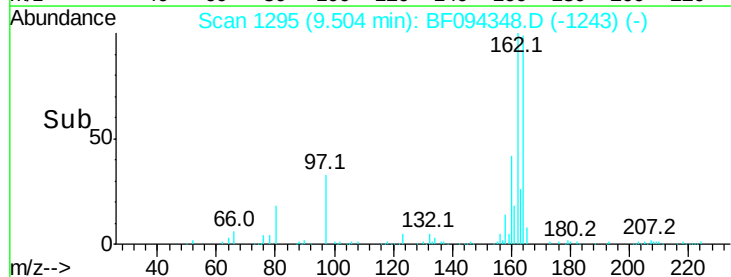
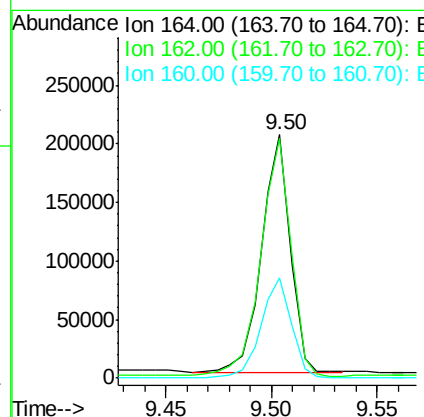
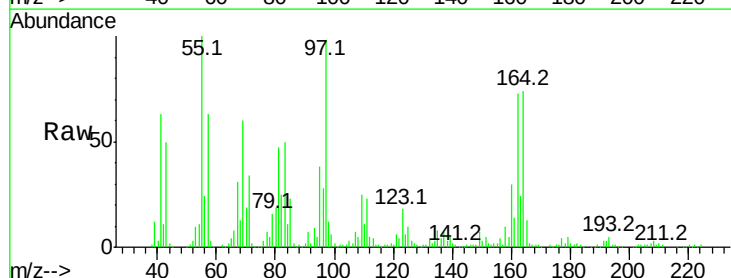
Instrument :
BNA_F
ClientSampleId :
B-28-S1(4-6)

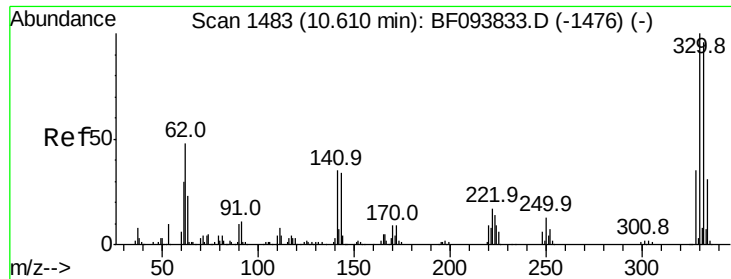
Tot Ion:128 Resp: 85163
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 37.5 10.8 16.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

Tgt Ion:164 Resp: 190357
Ion Ratio Lower Upper
164 100
162 98.7 82.6 123.8
160 41.4 36.2 54.2

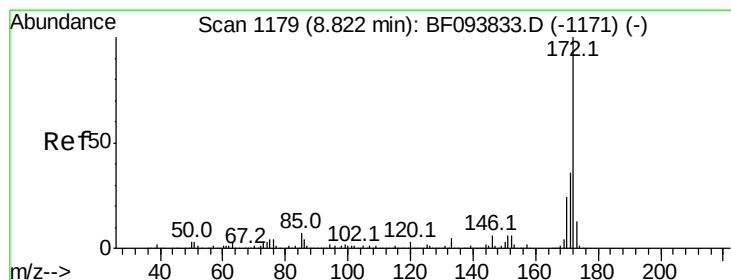
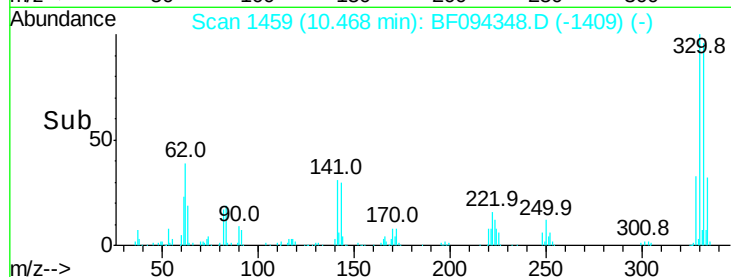
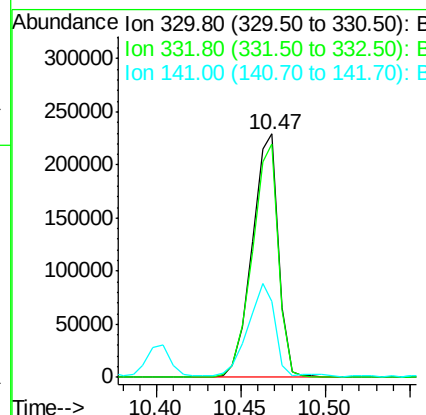
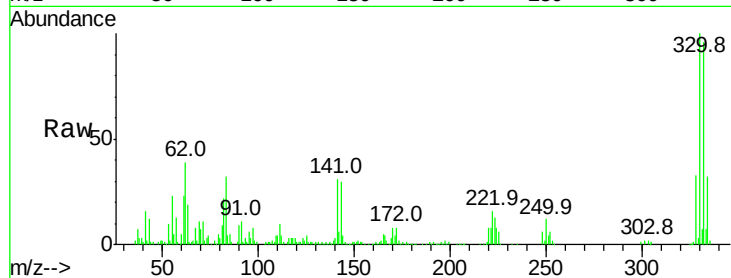




#41
 2,4,6-Tribromophenol
 Concen: 166.68 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094348.D
 Acq: 11 Apr 2017 9:39

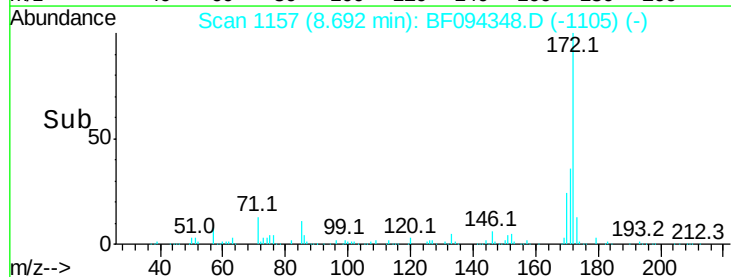
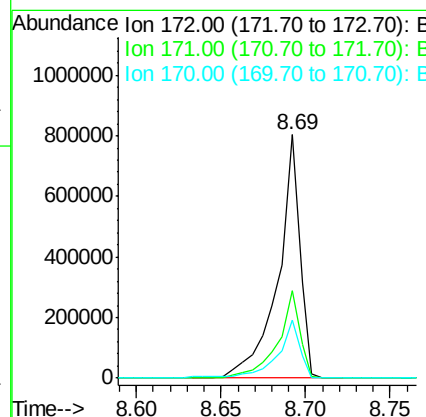
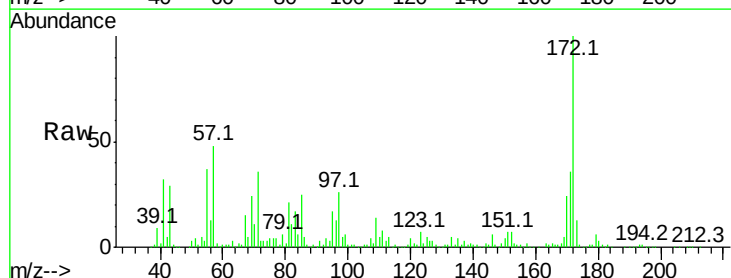
Instrument :
 BNA_F
 ClientSampleId :
 B-28-S1(4-6)

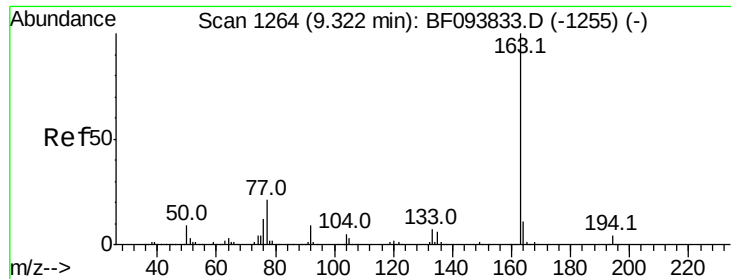
Tot Ion:330 Resp: 250727
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 58.10 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF094348.D
 Acq: 11 Apr 2017 9:39

Tgt Ion:172 Resp: 725041
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.0 19.8 29.8

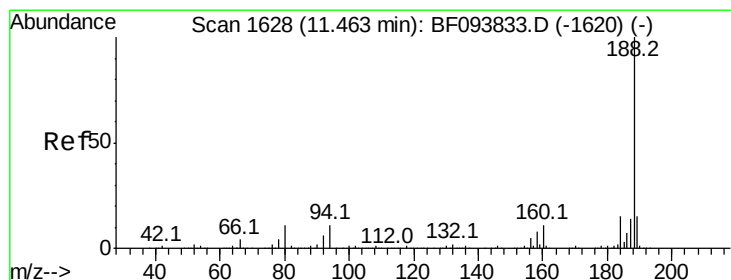
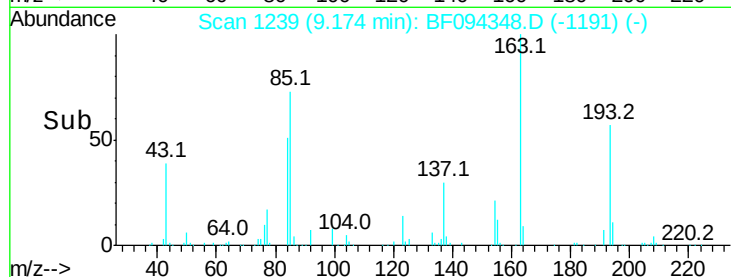
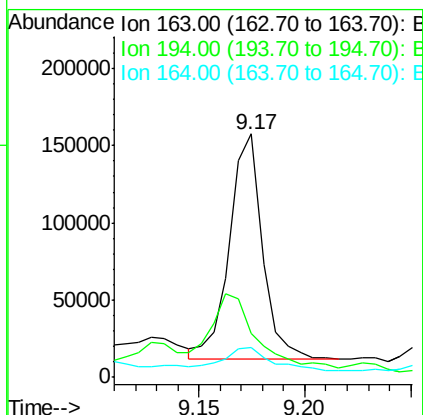
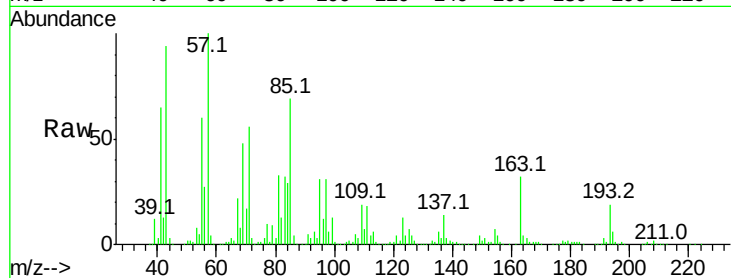




#49
Dimethylphthalate
Concen: 11.70 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

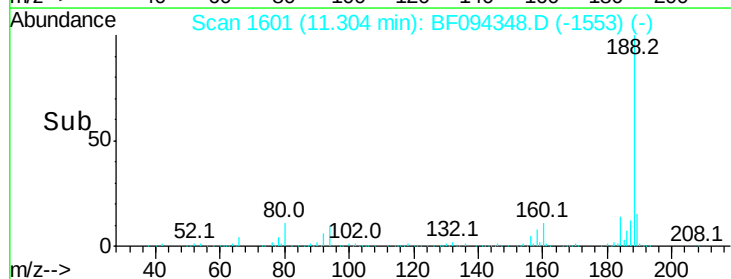
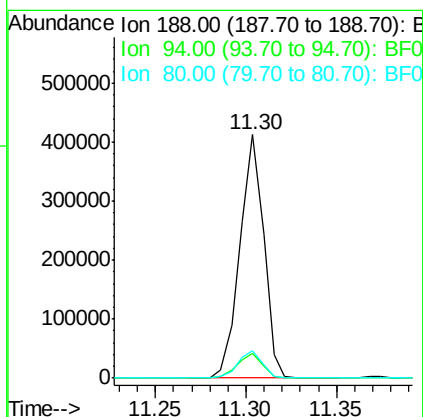
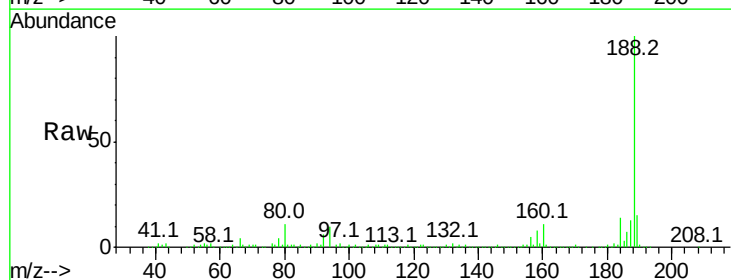
Instrument :
BNA_F
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B-28-S1(4-6)

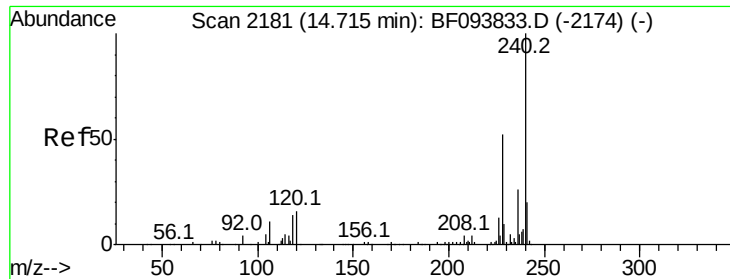
Tot Ion:163 Resp: 158374
Ion Ratio Lower Upper
163 100
194 18.3 2.6 4.0#
164 12.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

Tgt Ion:188 Resp: 379281
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF094348.D

Acq: 11 Apr 2017 9:39

Instrument :

BNA_F

ClientSampleId :

B-28-S1(4-6)

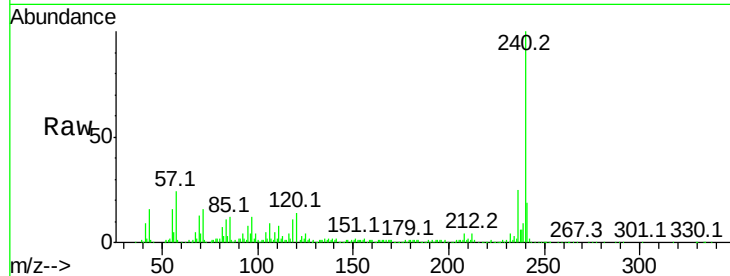
Tot Ion:240 Resp: 277256

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

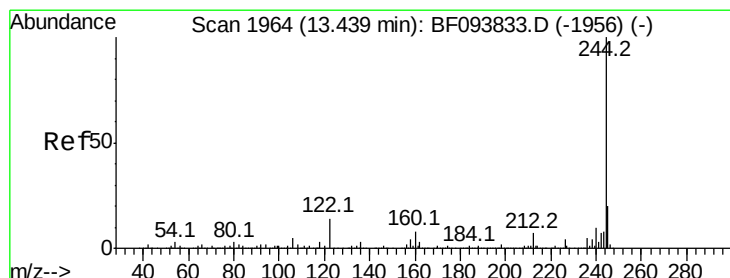
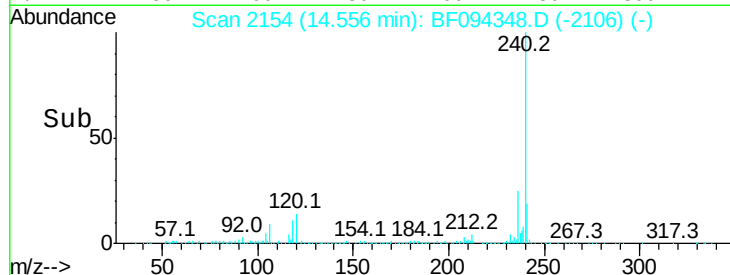
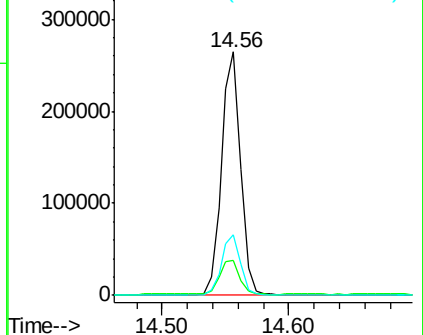
236 24.8 20.5 30.7



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: 79.07 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094348.D

Acq: 11 Apr 2017 9:39

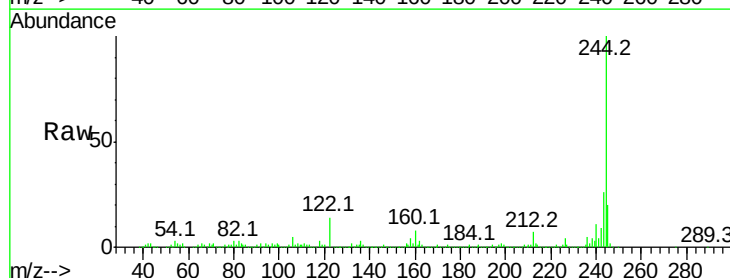
Tgt Ion:244 Resp: 978008

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

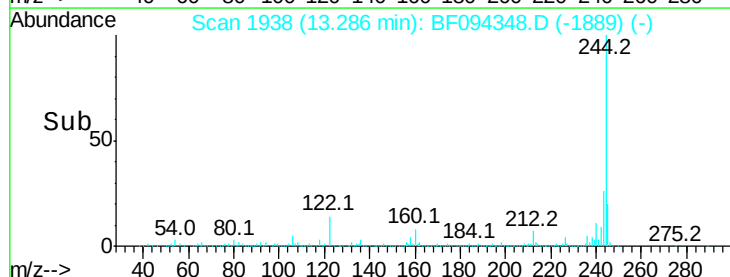
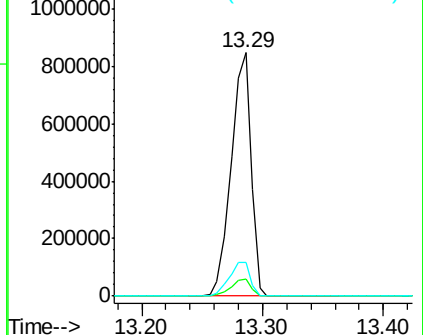
122 13.7 10.3 15.5

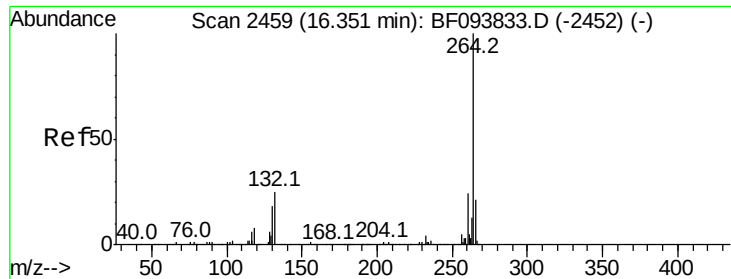


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

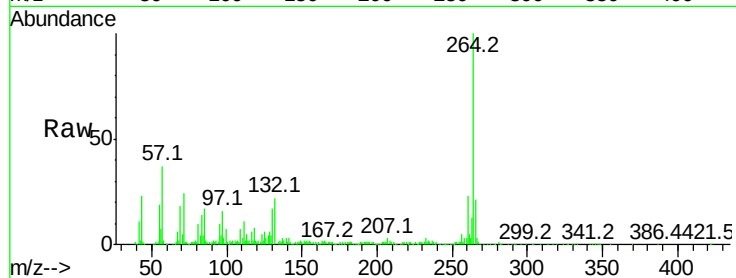




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094348.D
Acq: 11 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :
B-28-S1(4-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.2	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

