

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094249.D
 Acq On : 7 Apr 2017 3:15
 Operator : SJ/MA
 Sample : I2574-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B19-S1(2-4)

Quant Time: Apr 07 04:10:14 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

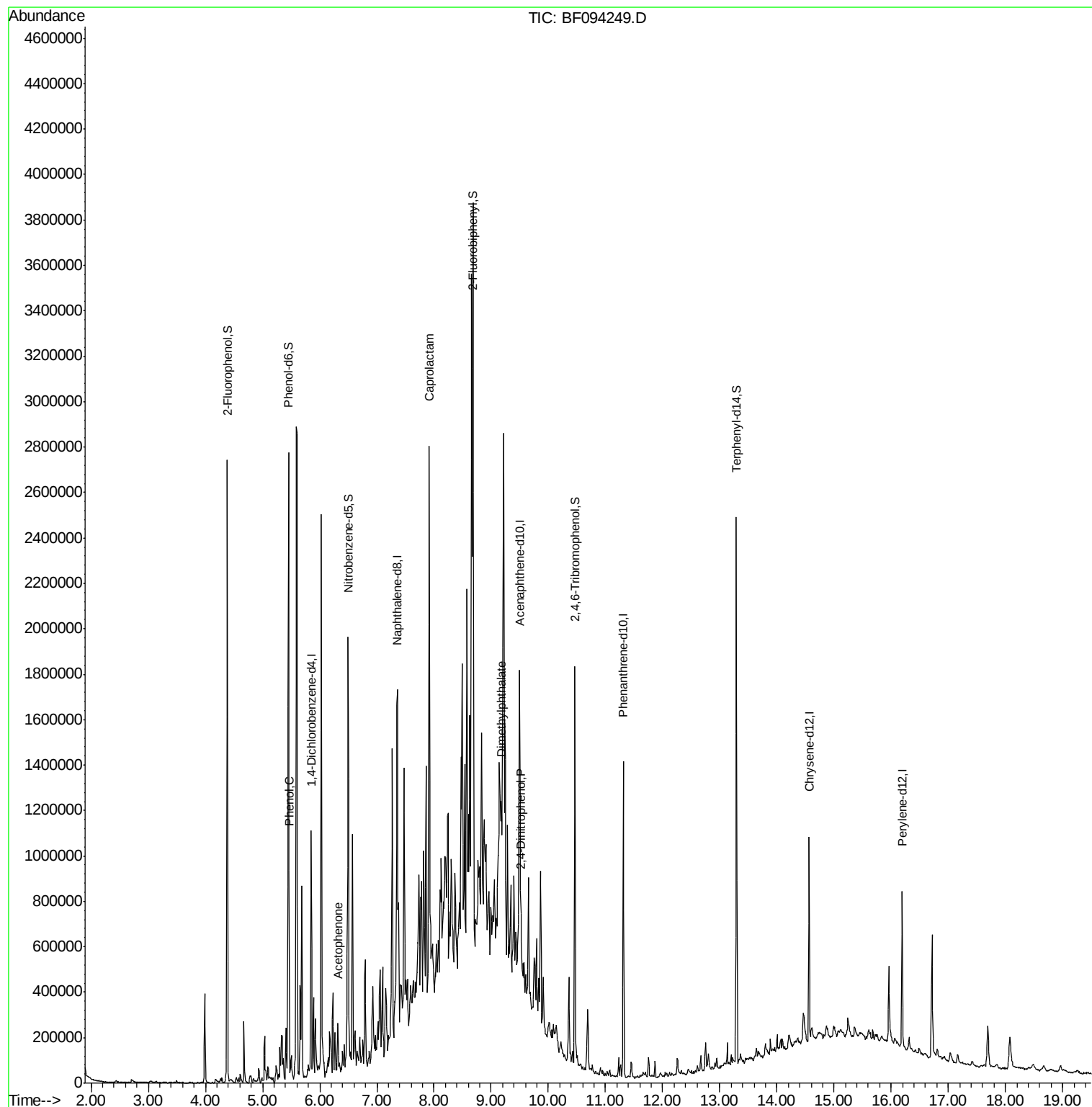
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	161554	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	655307	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	294464	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	525283	20.00	ng	0.00
75) Chrysene-d12	14.56	240	346963	20.00	ng	-0.01
86) Perylene-d12	16.19	264	265039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	875691	91.55	ng	0.00
7) Phenol-d6	5.46	99	1135737	95.98	ng	0.00
23) Nitrobenzene-d5	6.50	82	698168	60.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	232886	100.08	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1169317	60.57	ng	0.00
78) Terphenyl-d14	13.29	244	897603	57.99	ng	0.00
Target Compounds						
10) Phenol	5.47	94	74279	5.52	ng	Qvalue 87
22) Acetophenone	6.31	105	37071	2.54	ng	# 50
35) Caprolactam	7.92	113	61185	22.05	ng	# 46
49) Dimethylphthalate	9.17	163	250010	11.94	ng	# 99
53) 2,4-Dinitrophenol	9.53	184	108	4.70	ng	# 1

(#) = 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: BF094249.D

Acq: 7 Apr 2017 3:15

Instrument :

BNA_F

ClientSampleId :

B19-S1(2-4)

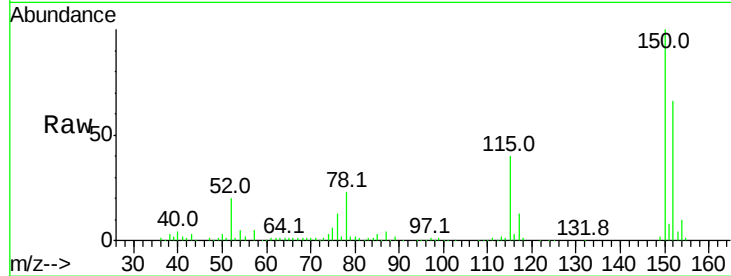
Tot Ion:152 Resp: 161554

Ion Ratio Lower Upper

152 100

150 152.5 126.2 189.2

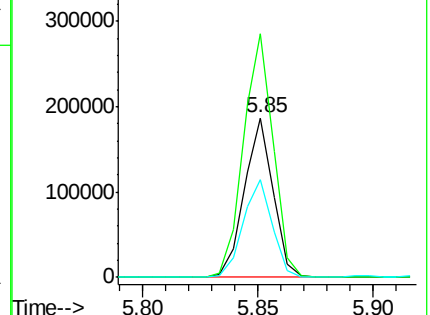
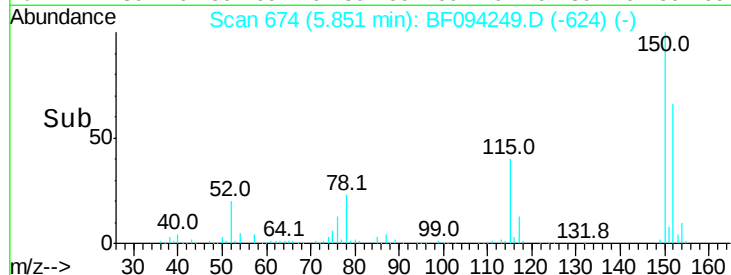
115 61.2 52.2 78.2



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: 91.55 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

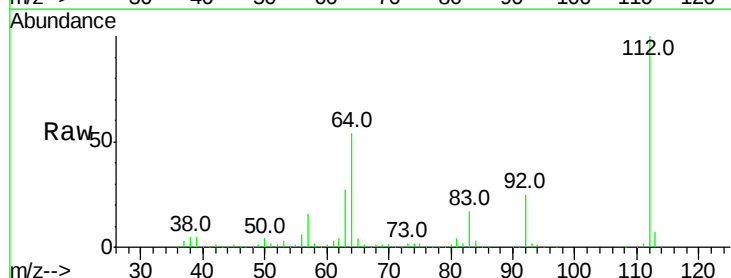
Tgt Ion:112 Resp: 875691

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

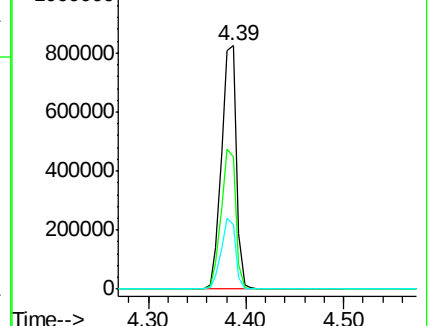
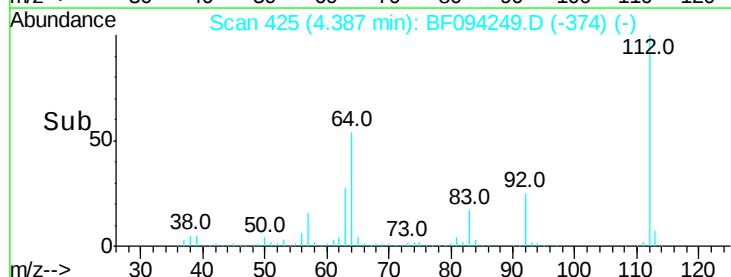
63 26.6 23.4 35.0

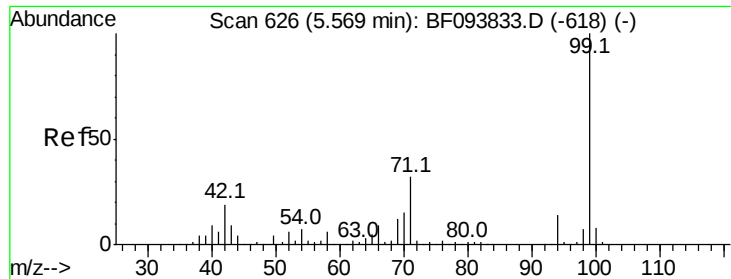


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.98 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

Instrument :

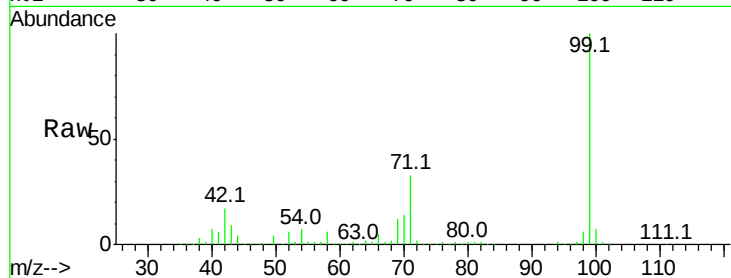
BNA_F

ClientSampleId :

B19-S1(2-4)

Tot Ion: 99 Resp: 1135737

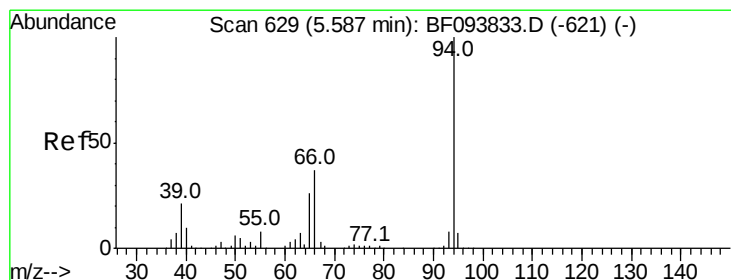
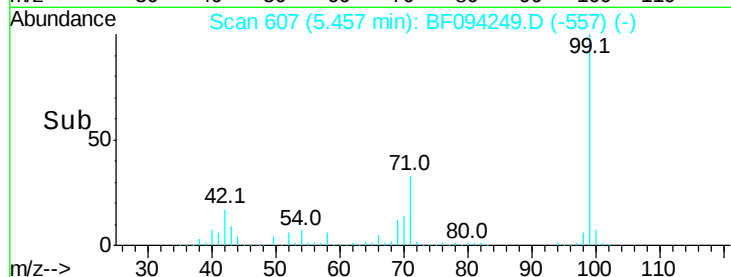
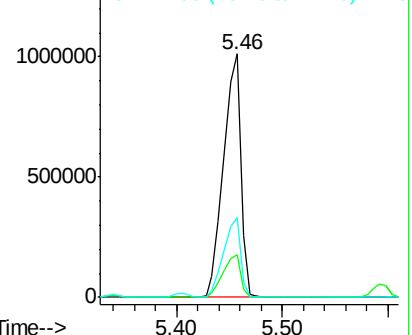
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	32.7	24.5	36.7



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: 5.52 ng

RT: 5.47 min Scan# 609

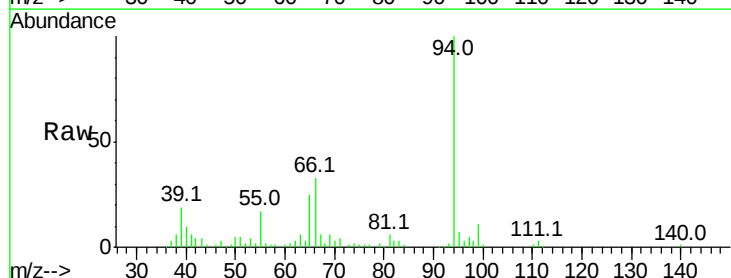
Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

Tgt Ion: 94 Resp: 74279

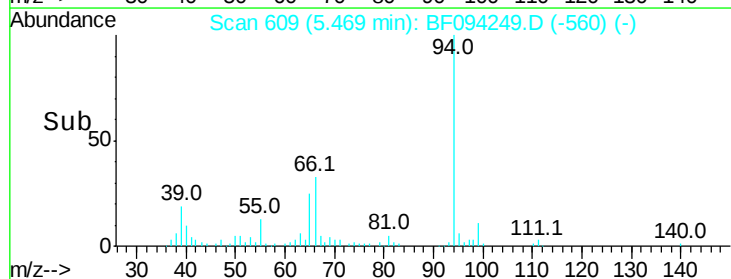
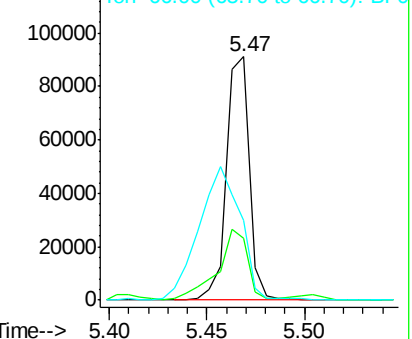
Ion	Ratio	Lower	Upper
94	100		
65	25.5	9.9	49.9
66	32.7	23.1	63.1



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

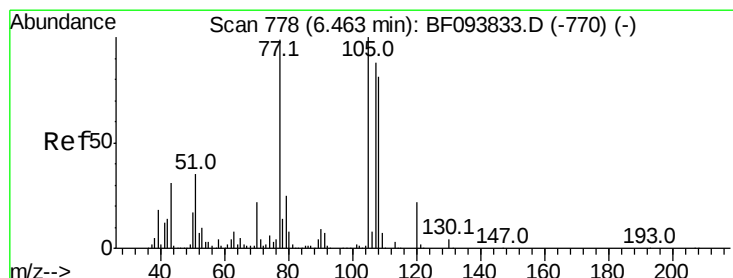
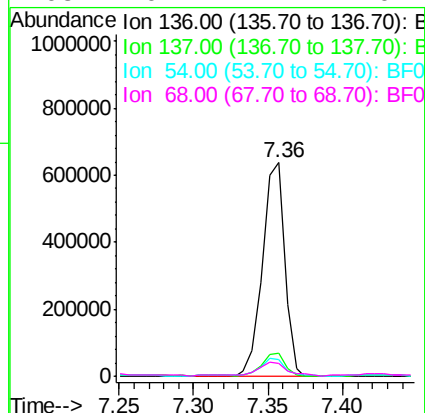
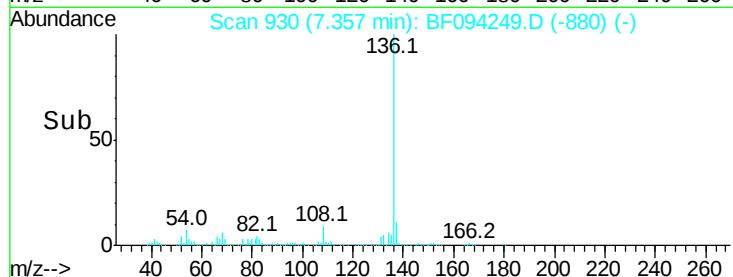
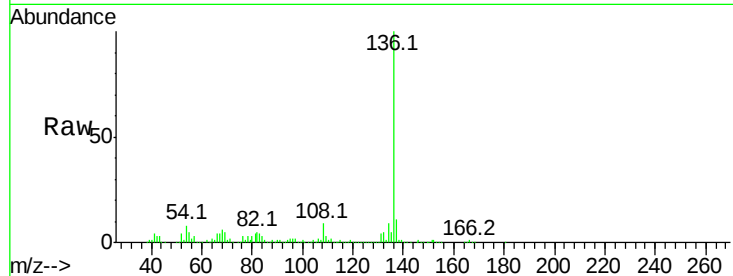




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

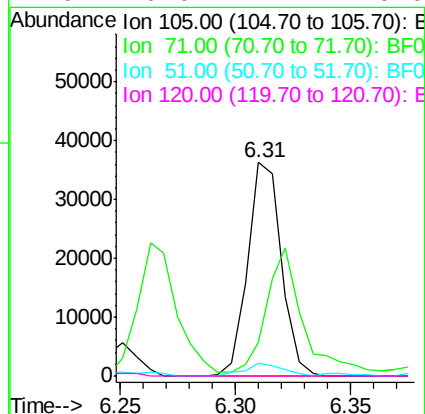
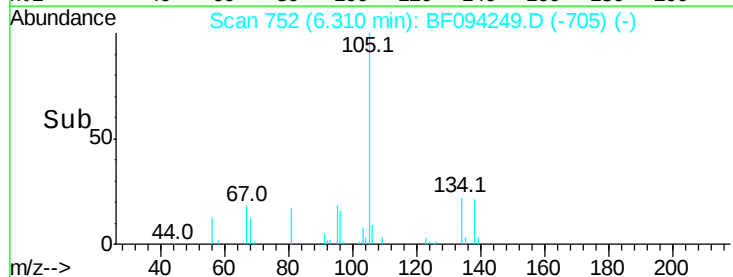
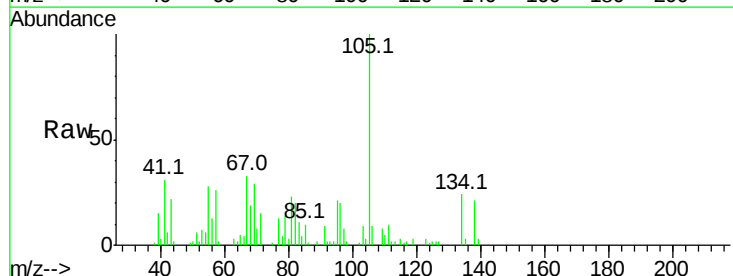
Instrument :
BNA_F
ClientSampleId :
B19-S1(2-4)

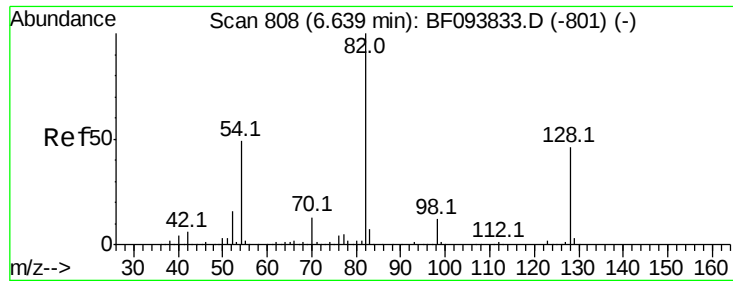
Tot Ion:136	Resp:	655307
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.7	4.9 7.3#
68	6.1	4.1 6.1#



#22
Acetophenone
Concen: 2.54 ng
RT: 6.31 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

Tgt Ion:105	Resp:	37071
Ion Ratio	Lower	Upper
105	100	
71	15.3	2.8 4.2#
51	6.0	30.7 46.1#
120	0.0	17.4 26.0#

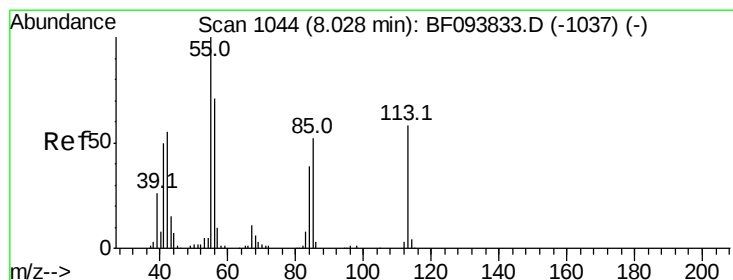
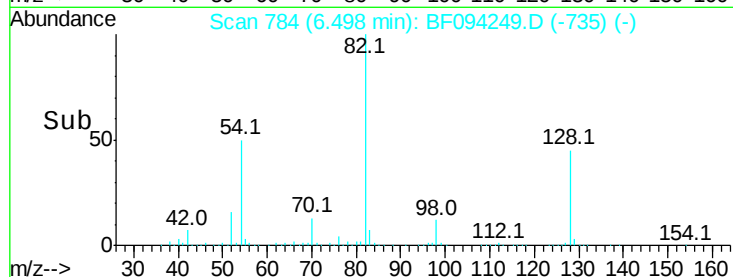
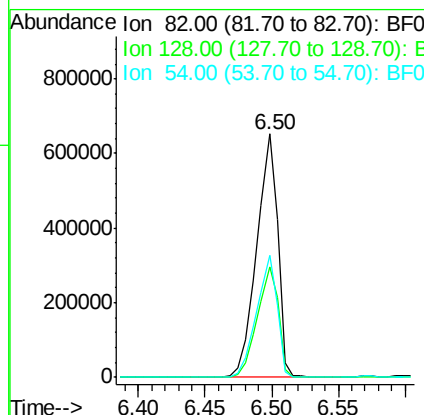
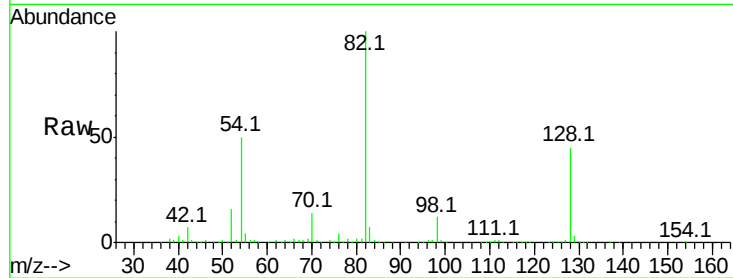




#23
 Nitrobenzene-d5
 Concen: 60.80 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

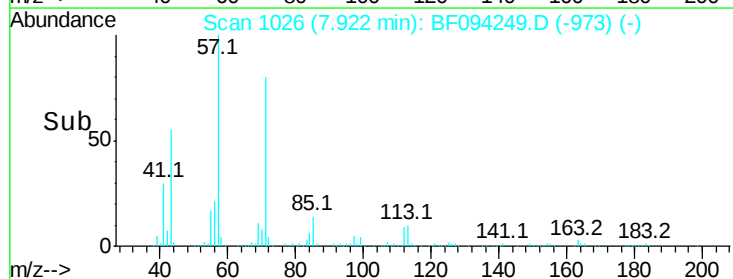
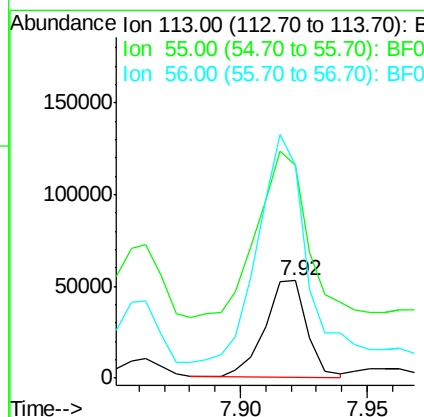
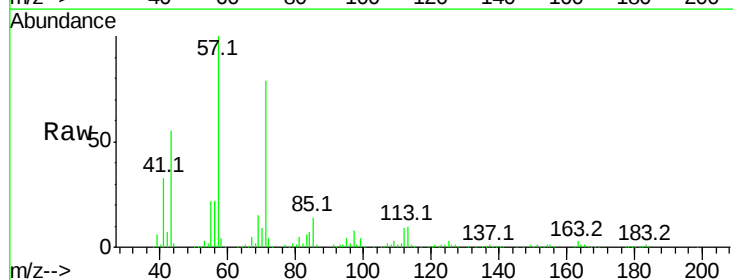
Instrument :
 BNA_F
 ClientSampleId :
 B19-S1(2-4)

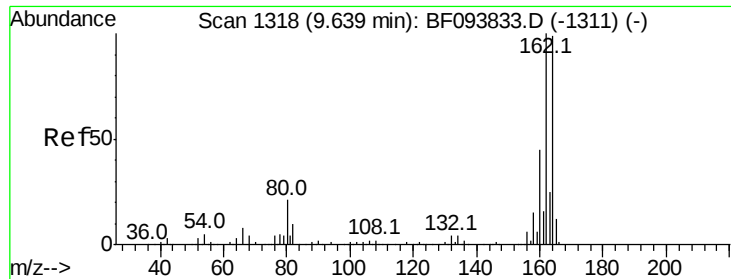
Tot Ion	82	Resp	698168
Ion Ratio	100	Lower	Upper
128	45.4	34.0	51.0
54	49.9	42.2	63.2



#35
 Caprolactam
 Concen: 22.05 ng
 RT: 7.92 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

Tgt Ion	113	Resp	61185
Ion Ratio	100	Lower	Upper
55	219.1	150.2	190.2#
56	219.1	107.8	147.8#

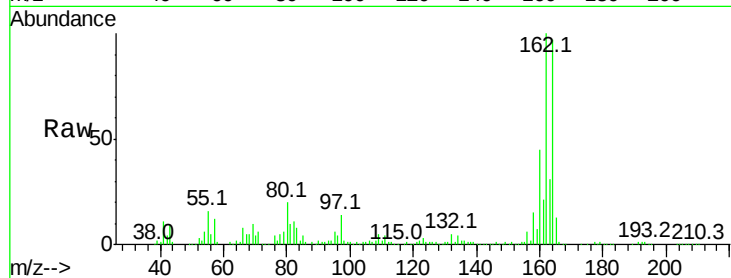




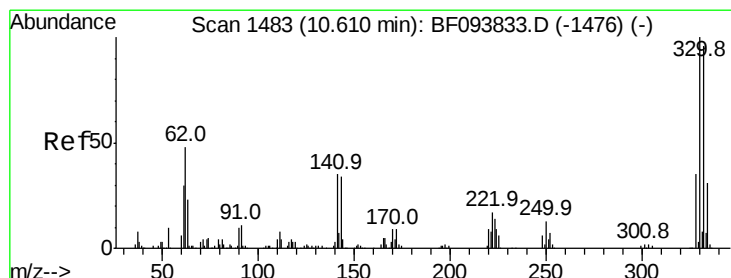
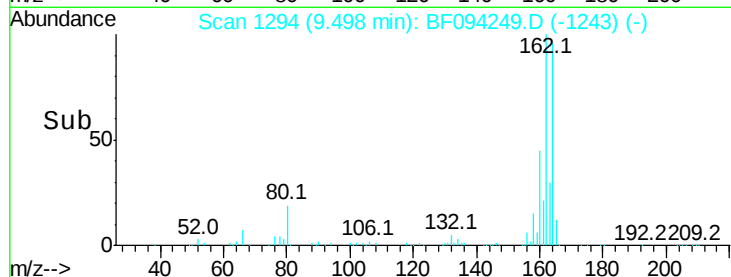
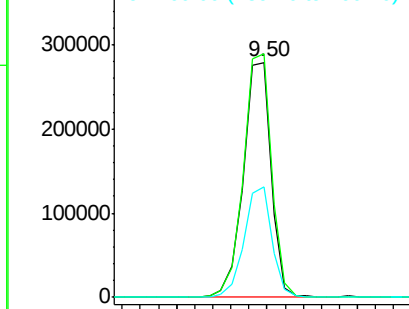
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

Instrument :
BNA_F
ClientSampleId :
B19-S1(2-4)

Tot Ion:164 Resp: 294464
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 46.9 36.2 54.2

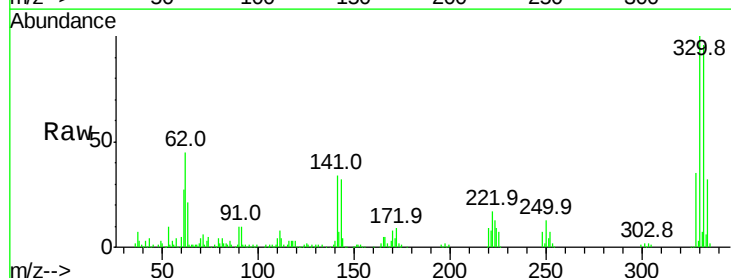


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

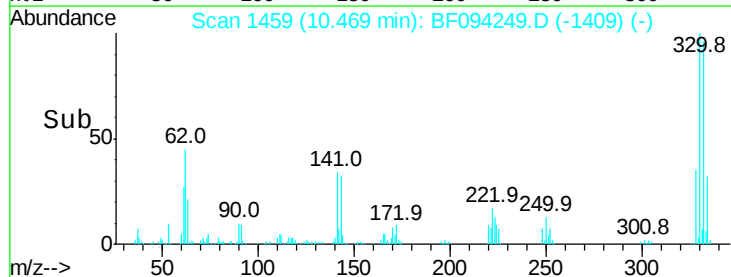
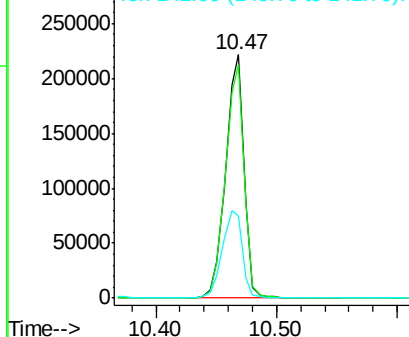


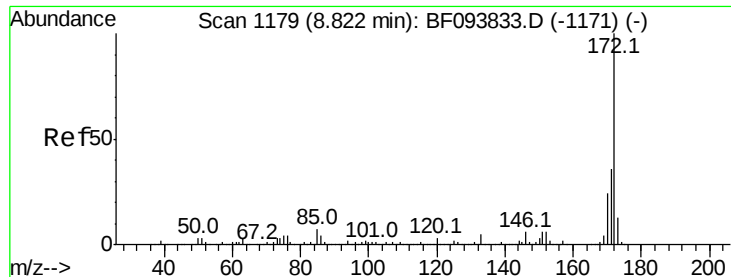
#41
2,4,6-Tribromophenol
Concen: 100.08 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

Tgt Ion:330 Resp: 232886
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 39.4 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



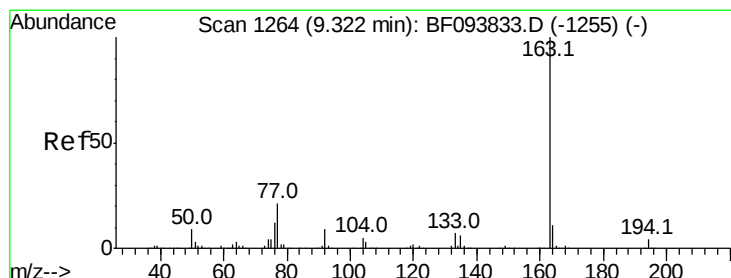
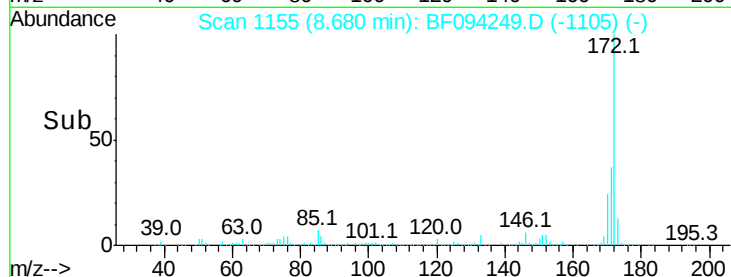
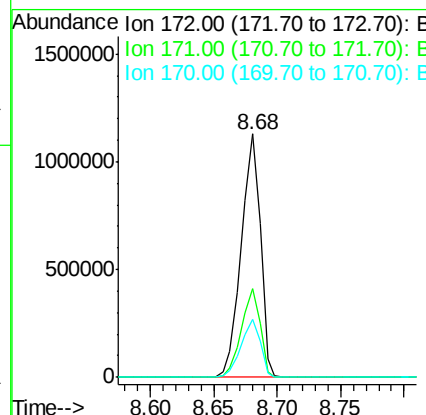
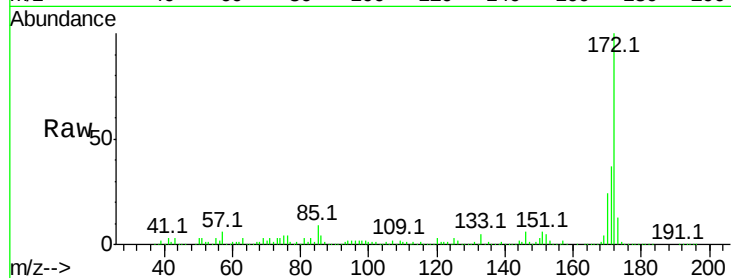


#44
2-Fluorobiphenyl
Concen: 60.57 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

Instrument :
BNA_F
ClientSampleId :
B19-S1(2-4)

Tot Ion:172 Resp: 1169317

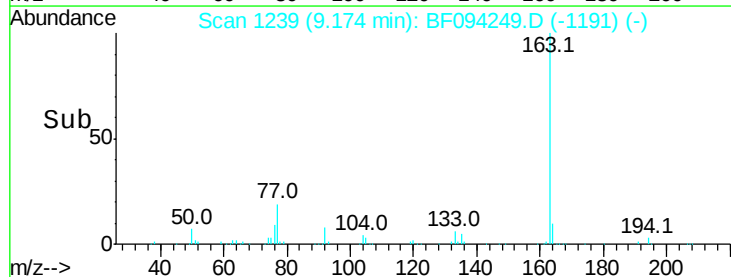
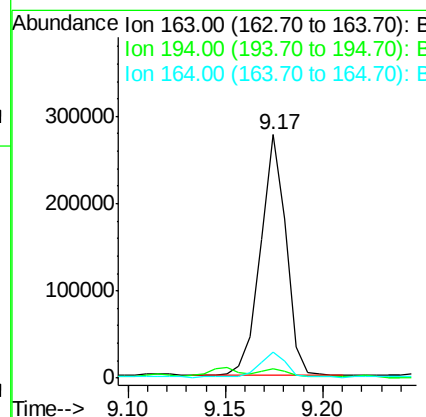
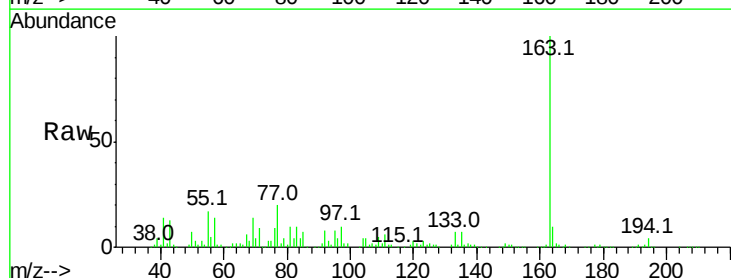
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8

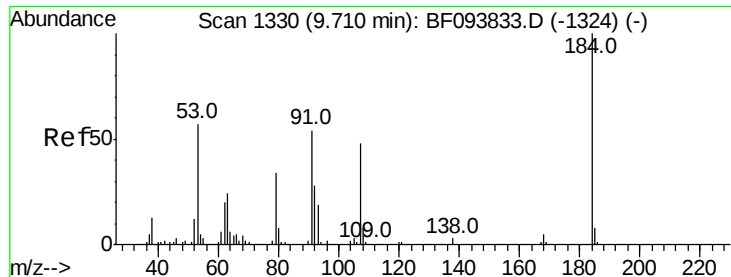


#49
Dimethylphthalate
Concen: 11.94 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094249.D
Acq: 7 Apr 2017 3:15

Tgt Ion:163 Resp: 250010

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	10.4	8.4	12.6

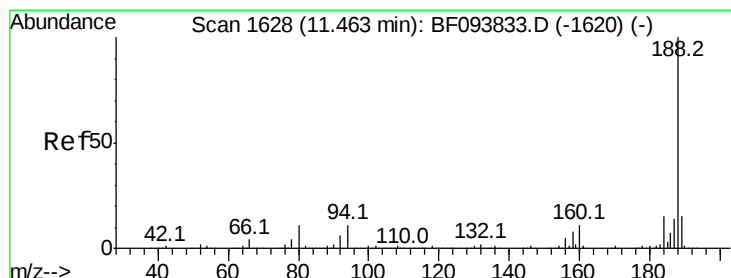
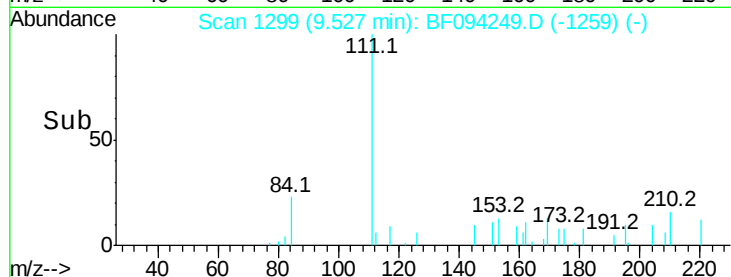
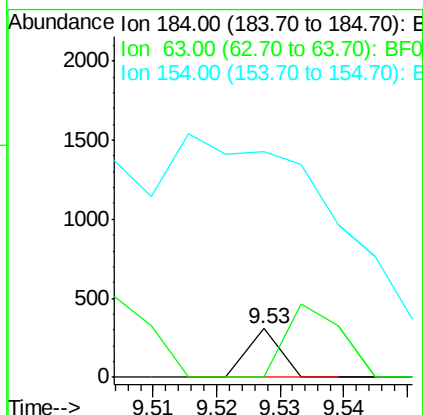
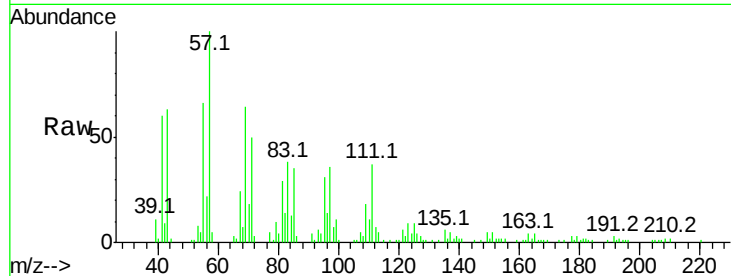




#53
 2,4-Dinitrophenol
 Concen: 4.70 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

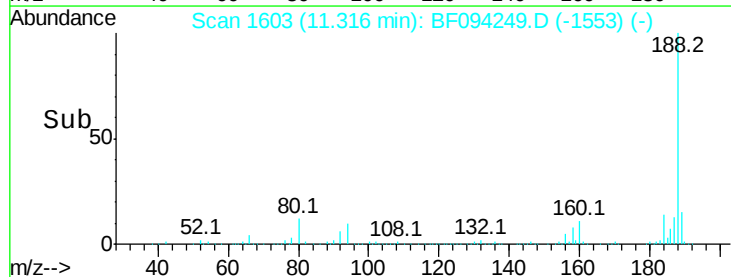
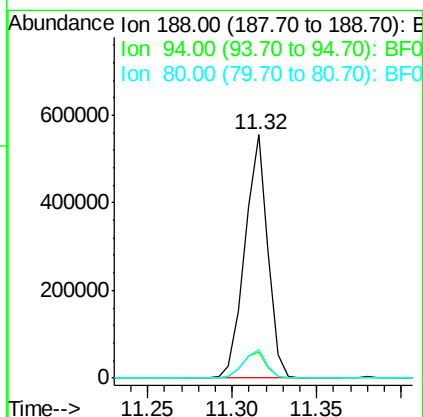
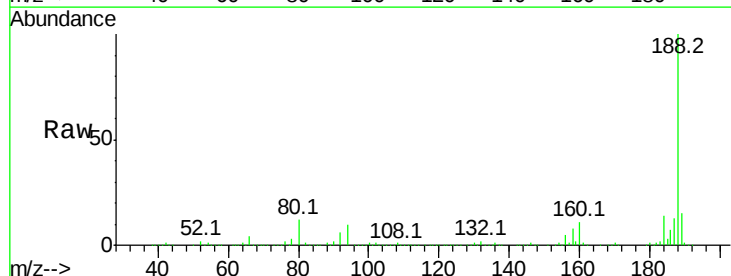
Instrument :
 BNA_F
 ClientSampleId :
 B19-S1(2-4)

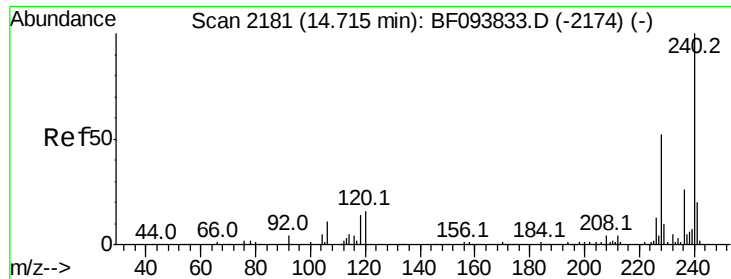
Tot Ion:184 Resp: 108
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.7 94.1#
 154 463.8 81.1 121.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

Tgt Ion:188 Resp: 525283
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.7 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

Instrument :

BNA_F

ClientSampleId :

B19-S1(2-4)

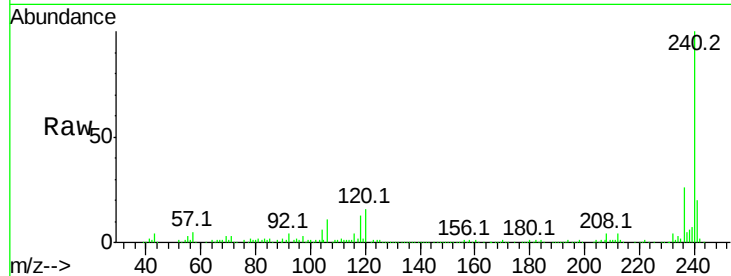
Tot Ion:240 Resp: 346963

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

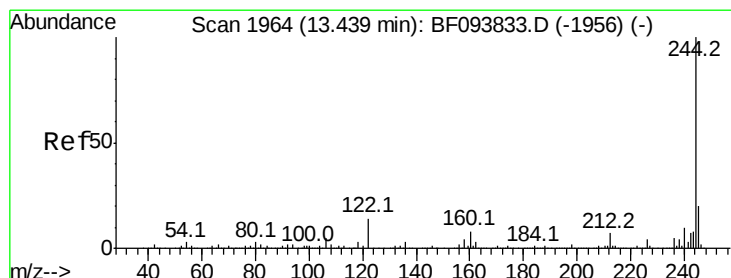
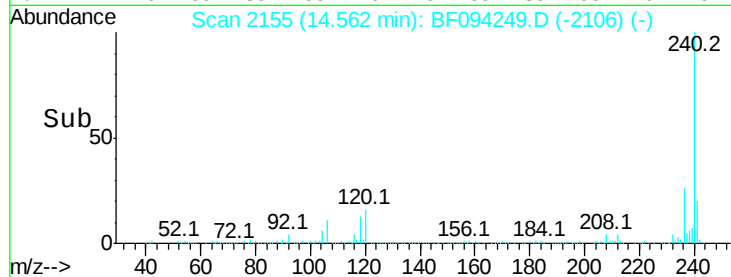
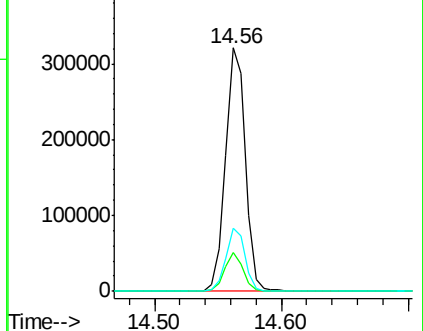
236 26.1 20.5 30.7



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: 57.99 ng

RT: 13.29 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BF094249.D

Acq: 7 Apr 2017 3:15

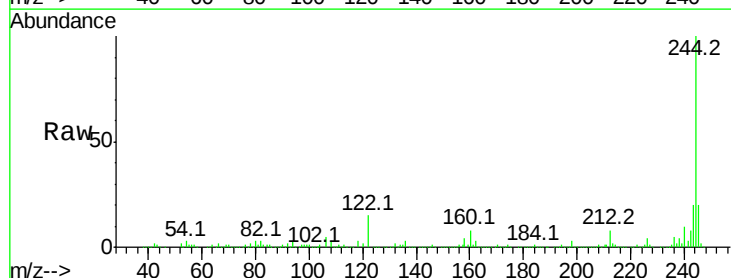
Tgt Ion:244 Resp: 897603

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

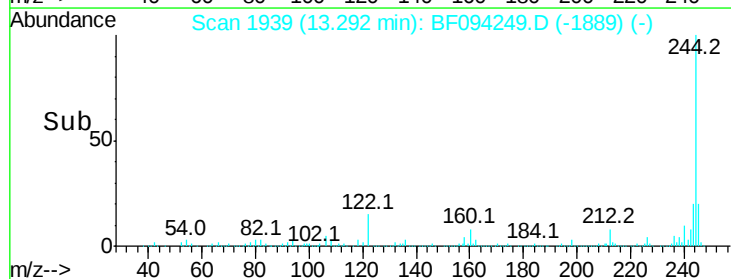
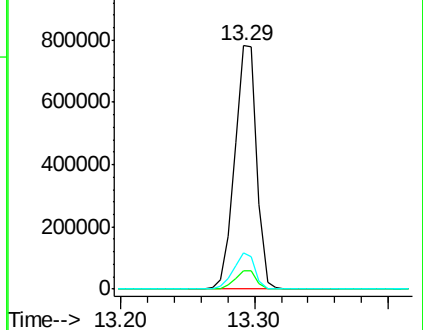
122 15.0 10.3 15.5

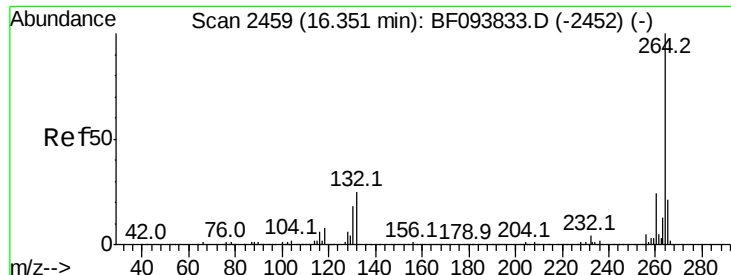


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

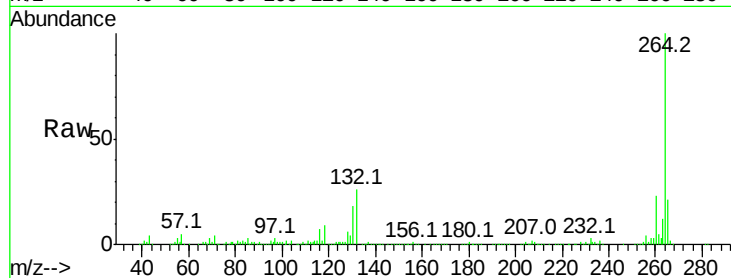




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094249.D
 Acq: 7 Apr 2017 3:15

Instrument :
 BNA_F
 ClientSampleId :
 B19-S1(2-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.4	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

