

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094330.D
 Acq On : 11 Apr 2017 1:21
 Operator : SJ/MA
 Sample : I2601-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-30-S2(10-12)

Quant Time: Apr 11 02:53:32 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

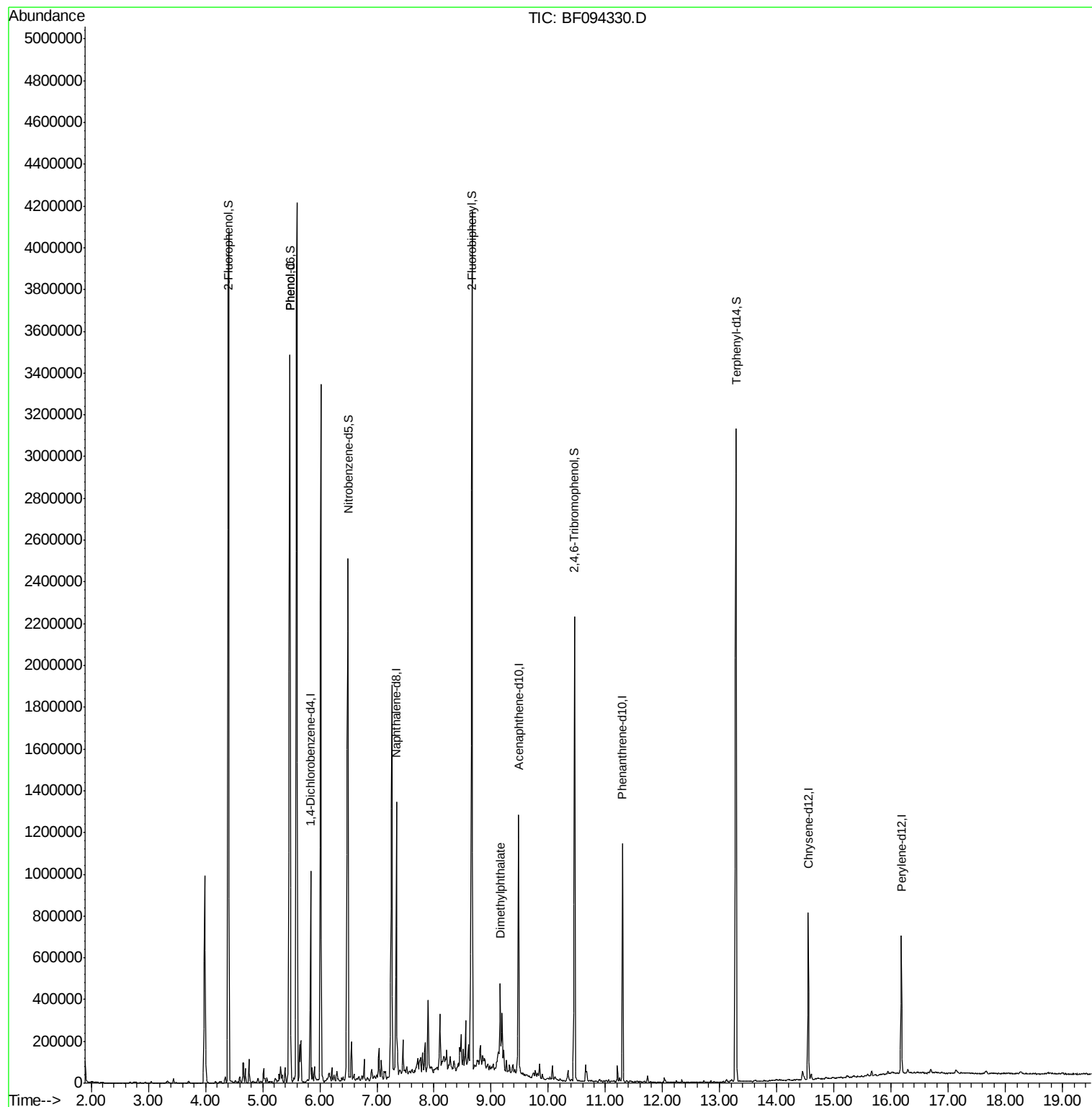
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	167279	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	654046	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	288014	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	470341	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	308199	20.00	ng	-0.02
86) Perylene-d12	16.18	264	263286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1365134	137.84	ng	0.02
7) Phenol-d6	5.48	99	1759714	143.63	ng	0.02
23) Nitrobenzene-d5	6.49	82	1087365	94.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	333539	146.55	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1781916	94.37	ng	-0.02
78) Terphenyl-d14	13.29	244	1225728	89.15	ng	-0.01
Target Compounds						
10) Phenol	5.49	94	95372	6.84	ng	96
49) Dimethylphthalate	9.16	163	172215	8.41	ng	99

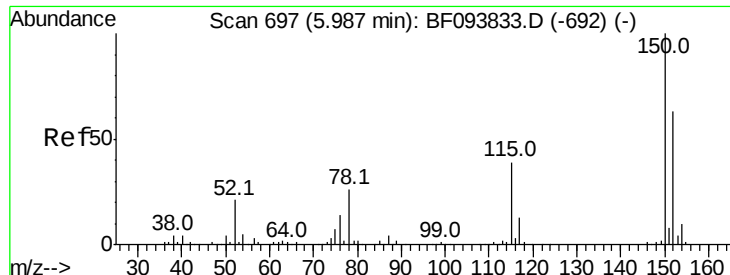
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.84 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampleId :

B-30-S2(10-12)

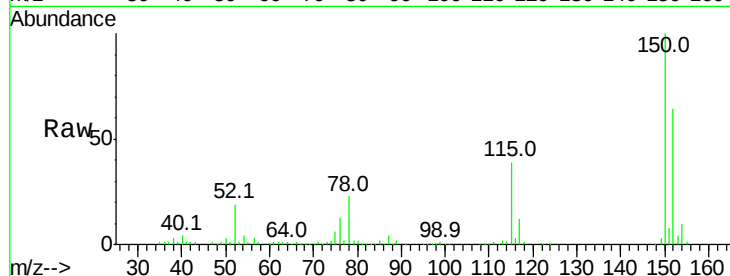
Tot Ion:152 Resp: 167279

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

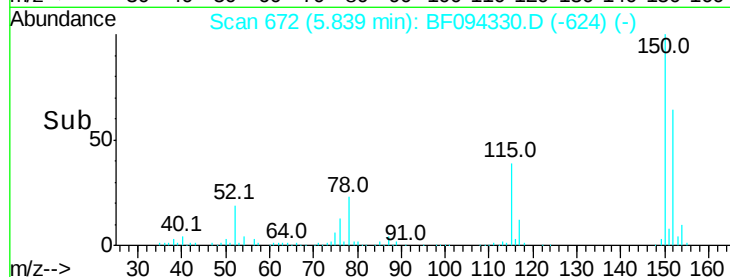
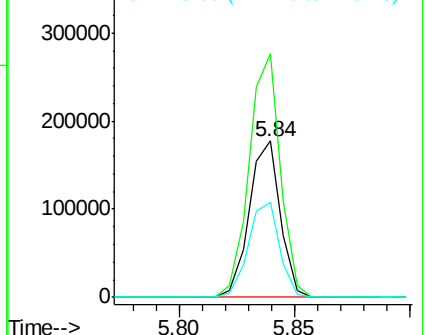
115 60.4 52.2 78.2



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: 137.84 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

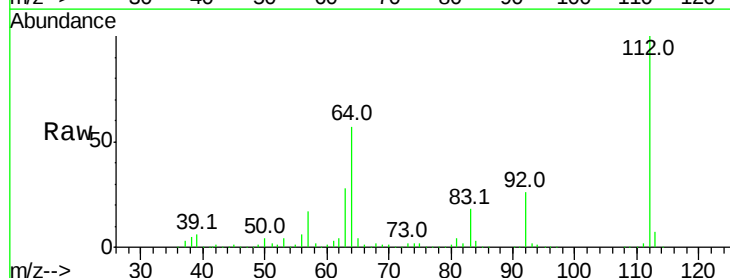
Tgt Ion:112 Resp: 1365134

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

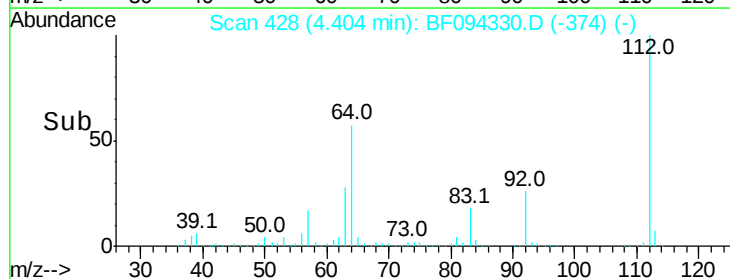
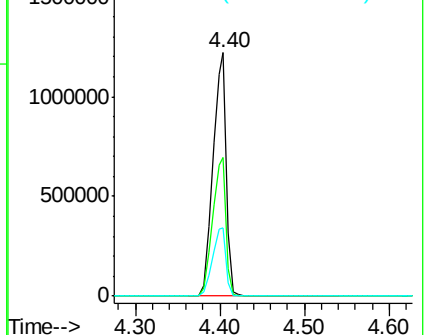
63 28.1 23.4 35.0

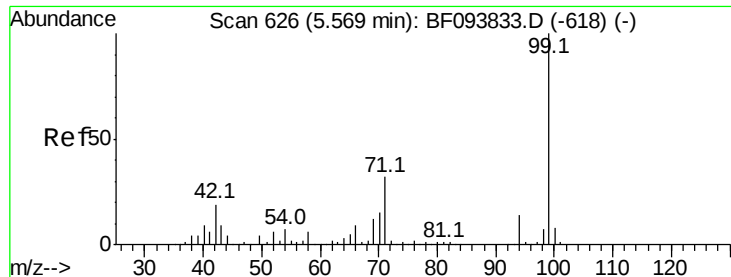


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.63 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampleId :

B-30-S2(10-12)

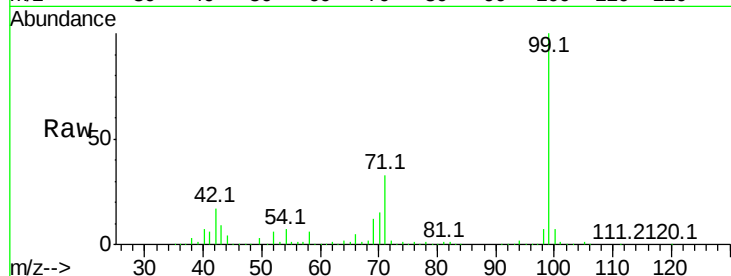
Tot Ion: 99 Resp: 1759714

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

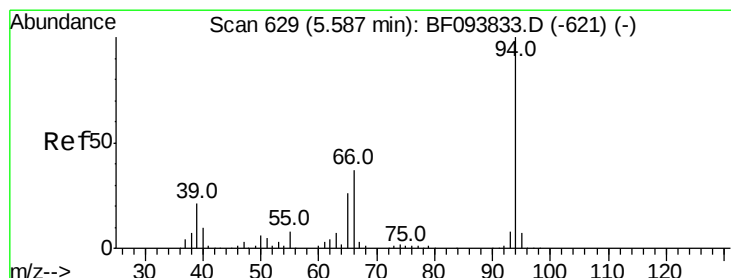
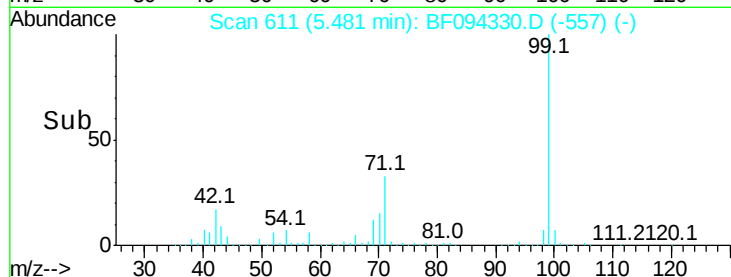
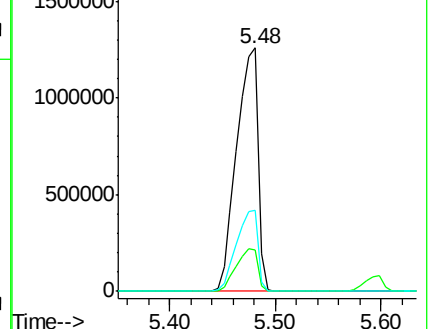
71 33.3 24.5 36.7



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: 6.84 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

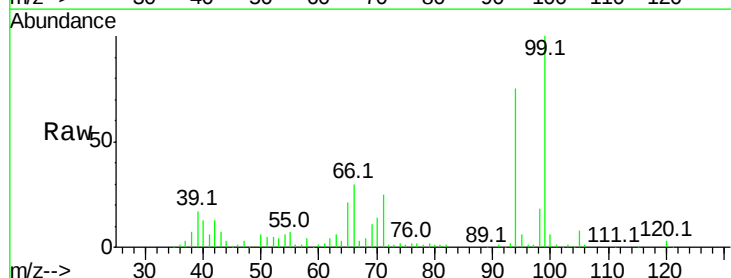
Tgt Ion: 94 Resp: 95372

Ion Ratio Lower Upper

94 100

65 28.4 9.9 49.9

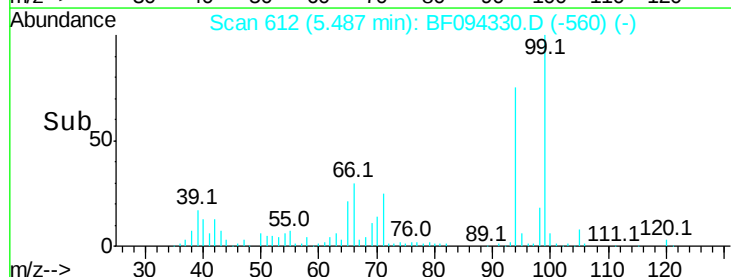
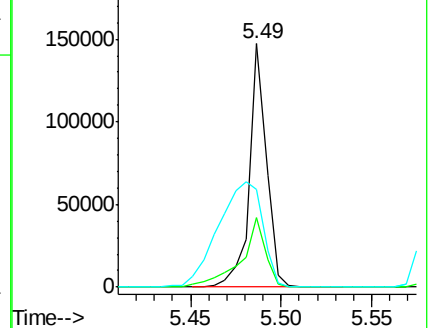
66 40.1 23.1 63.1



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

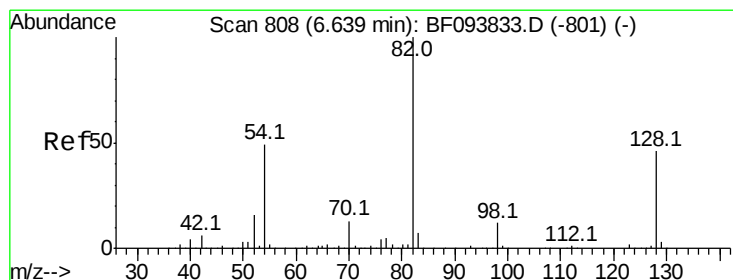
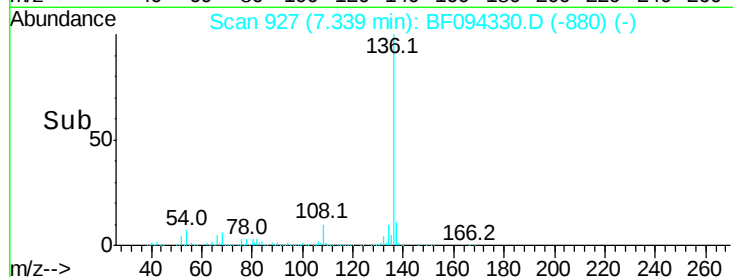
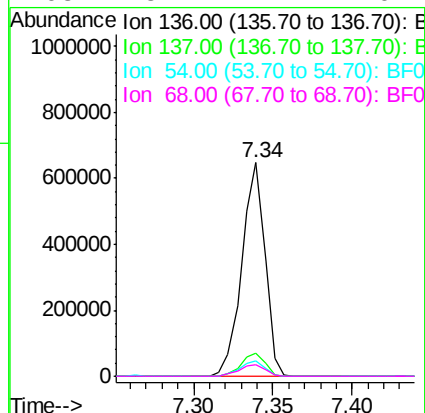
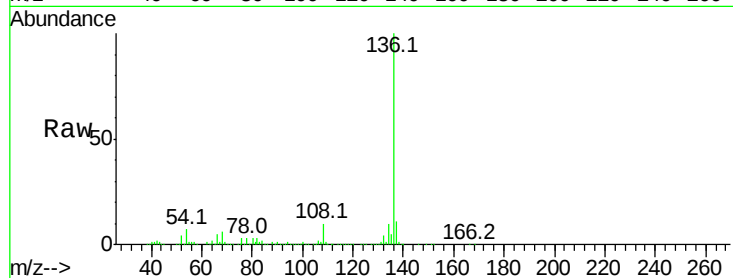




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094330.D
Acq: 11 Apr 2017 1:21

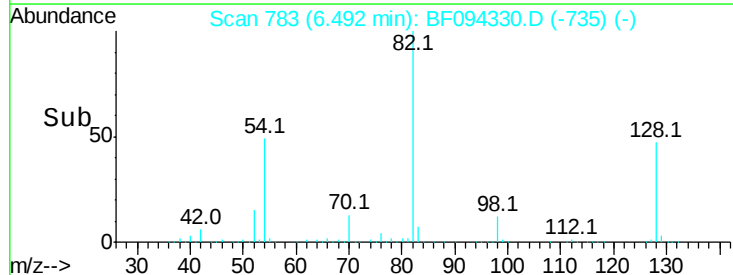
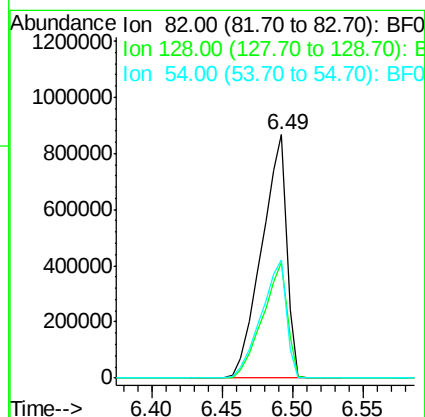
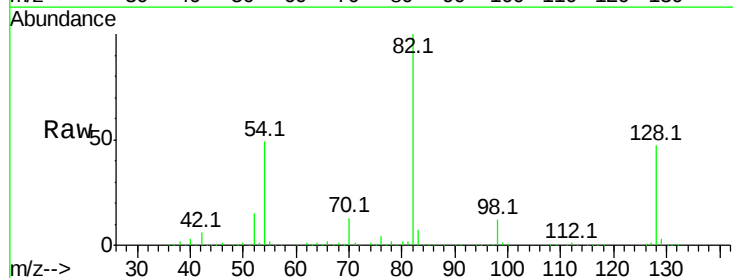
Instrument :
BNA_F
ClientSampleId :
B-30-S2(10-12)

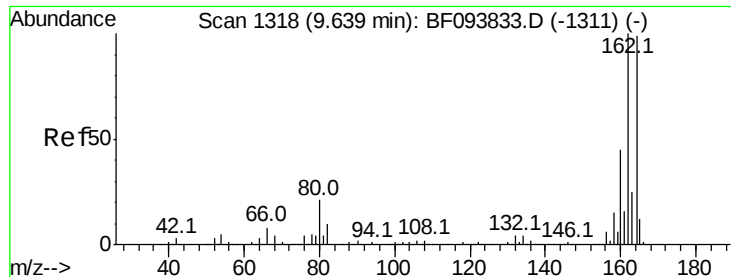
Tot Ion:	136	Resp:	654046
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.4	4.9	7.3#
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 94.88 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094330.D
Acq: 11 Apr 2017 1:21

Tgt Ion:	82	Resp:	1087365
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	48.8	42.2	63.2

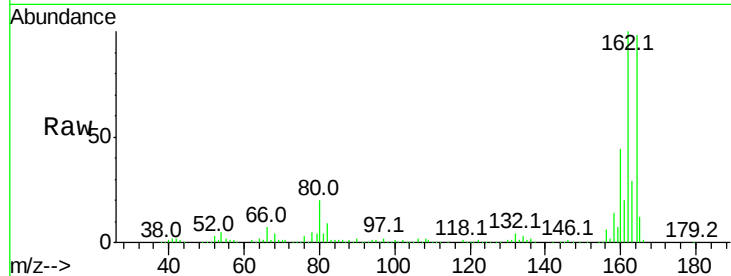




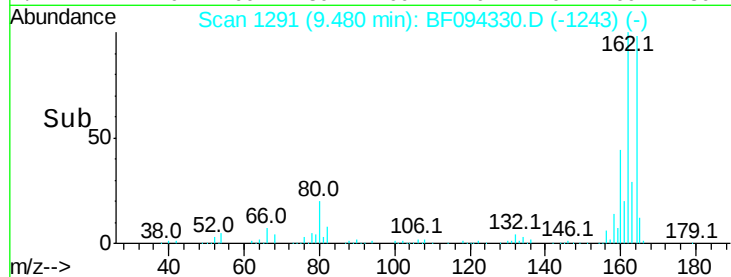
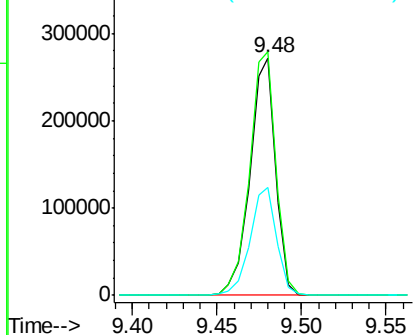
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :
 B-30-S2(10-12)

Tot Ion:164 Resp: 288014
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 45.2 36.2 54.2

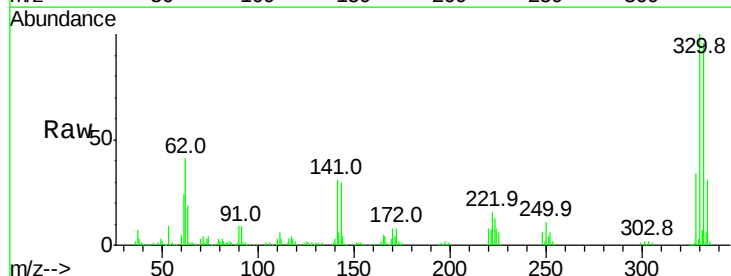


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

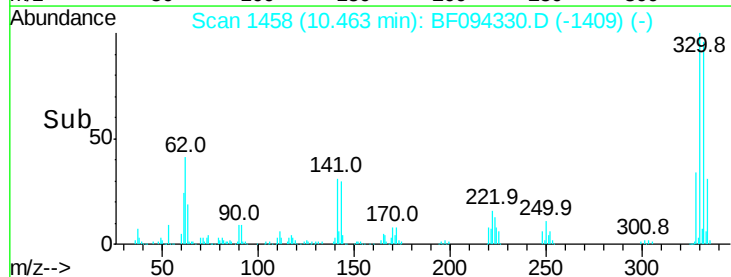
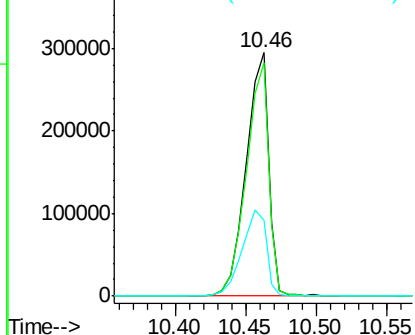


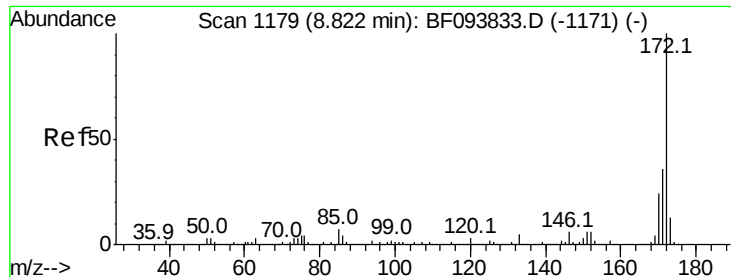
#41
 2,4,6-Tribromophenol
 Concen: 146.55 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Tgt Ion:330 Resp: 333539
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 38.1 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

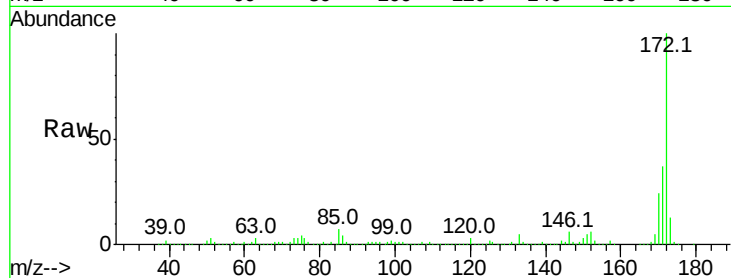




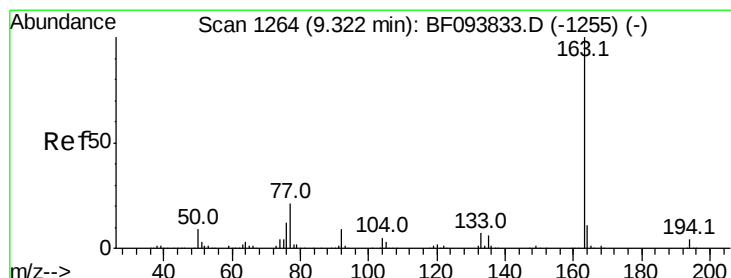
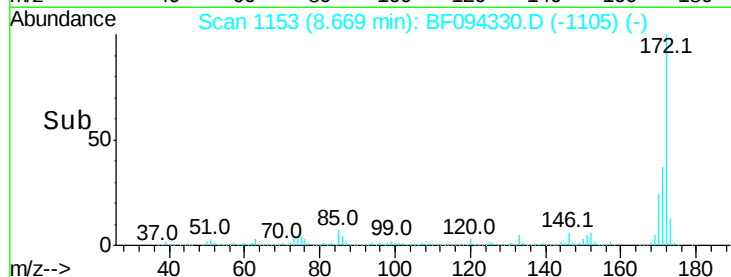
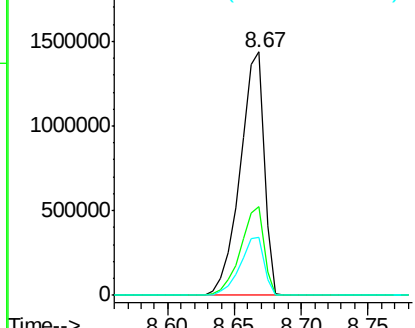
#44
2-Fluorobiphenyl
Concen: 94.37 ng
RT: 8.67 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF094330.D
Acq: 11 Apr 2017 1:21

Instrument :
BNA_F
ClientSampleId :
B-30-S2(10-12)

Tot Ion:172 Resp: 1781916
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8

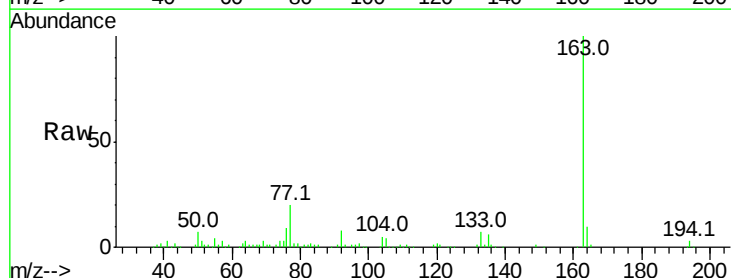


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

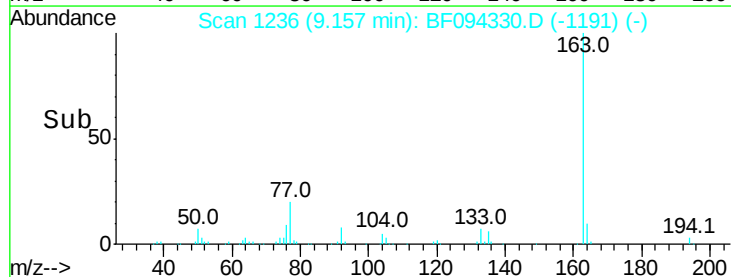
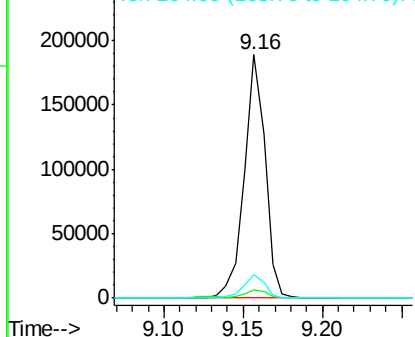


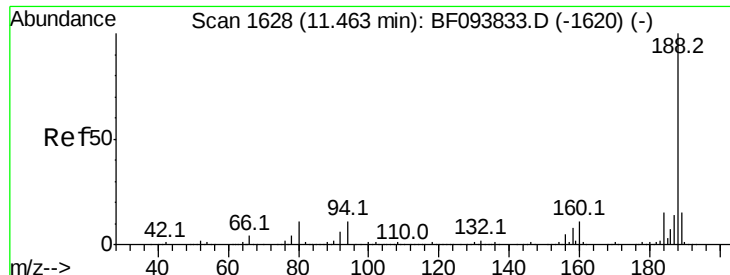
#49
Dimethylphthalate
Concen: 8.41 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094330.D
Acq: 11 Apr 2017 1:21

Tgt Ion:163 Resp: 172215
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

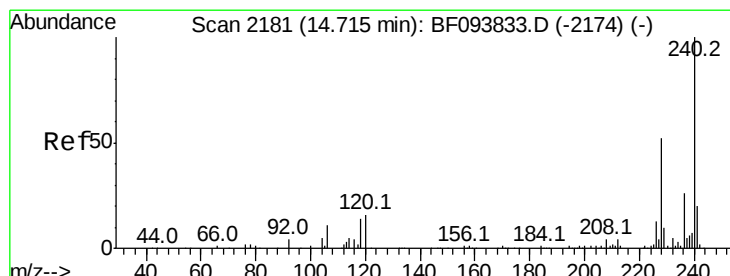
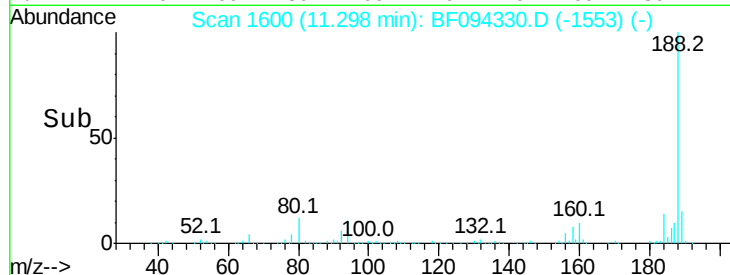
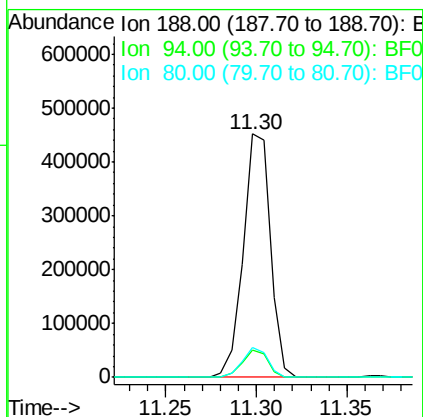
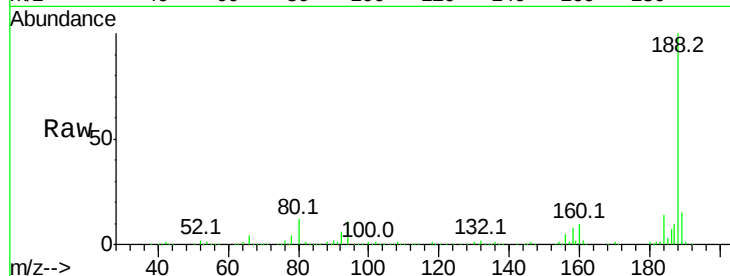




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

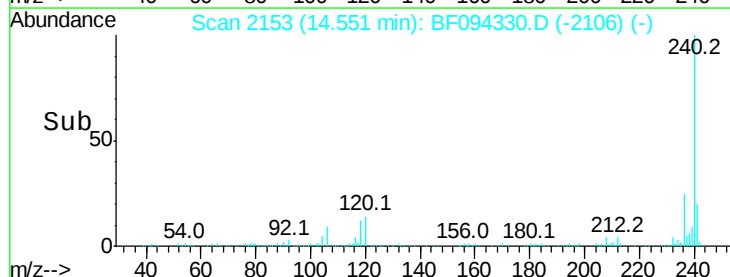
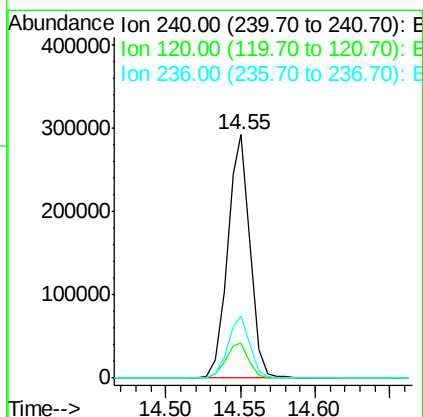
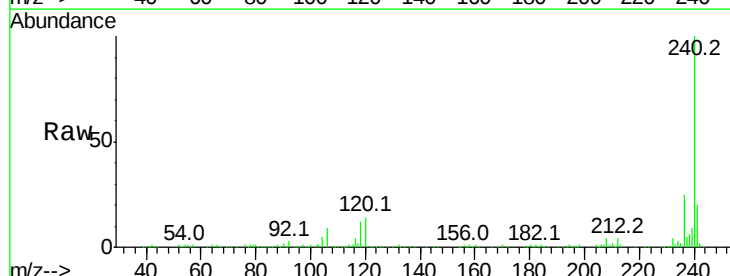
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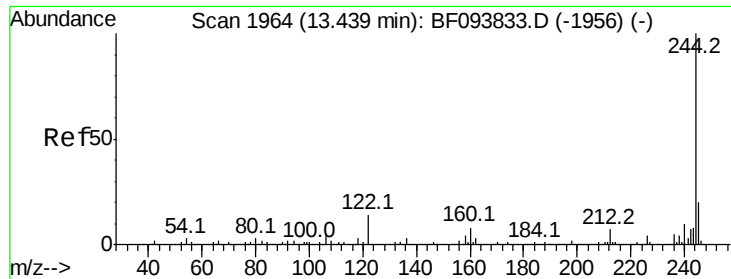
Tot Ion:188 Resp: 470341
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 12.2 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Tgt Ion:240 Resp: 308199
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.2 20.5 30.7





#78

Terphenyl-d14

Concen: 89.15 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampleId :

B-30-S2(10-12)

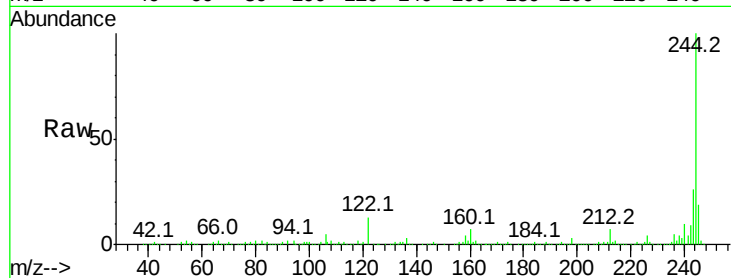
Tot Ion:244 Resp: 1225728

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

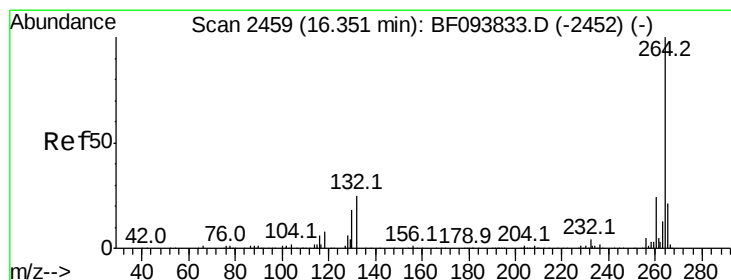
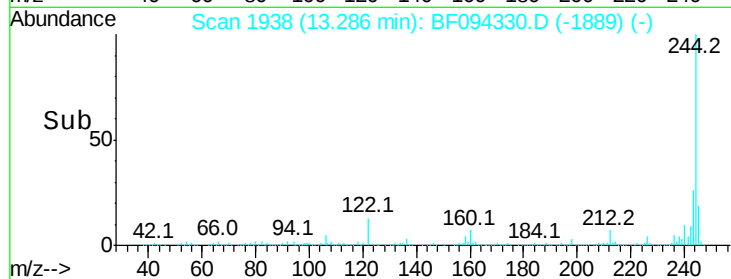
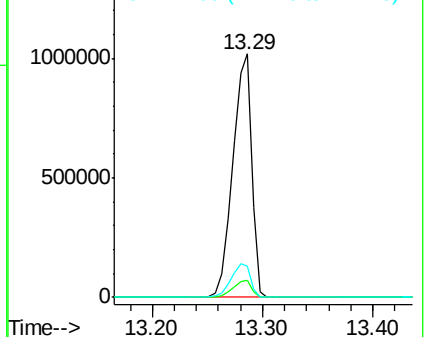
122 12.6 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

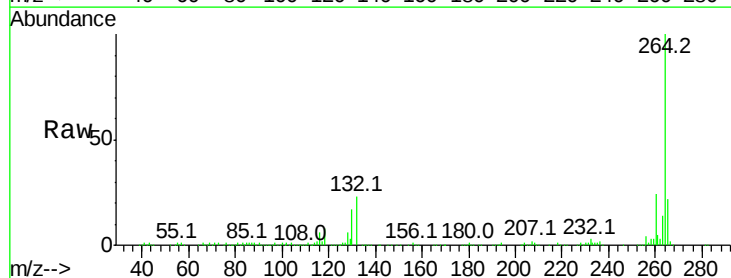
Tgt Ion:264 Resp: 263286

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 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

