

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094359.D
 Acq On : 11 Apr 2017 19:24
 Operator : SJ/MA
 Sample : I2620-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D001-D002-D003

Quant Time: Apr 12 01:40:19 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

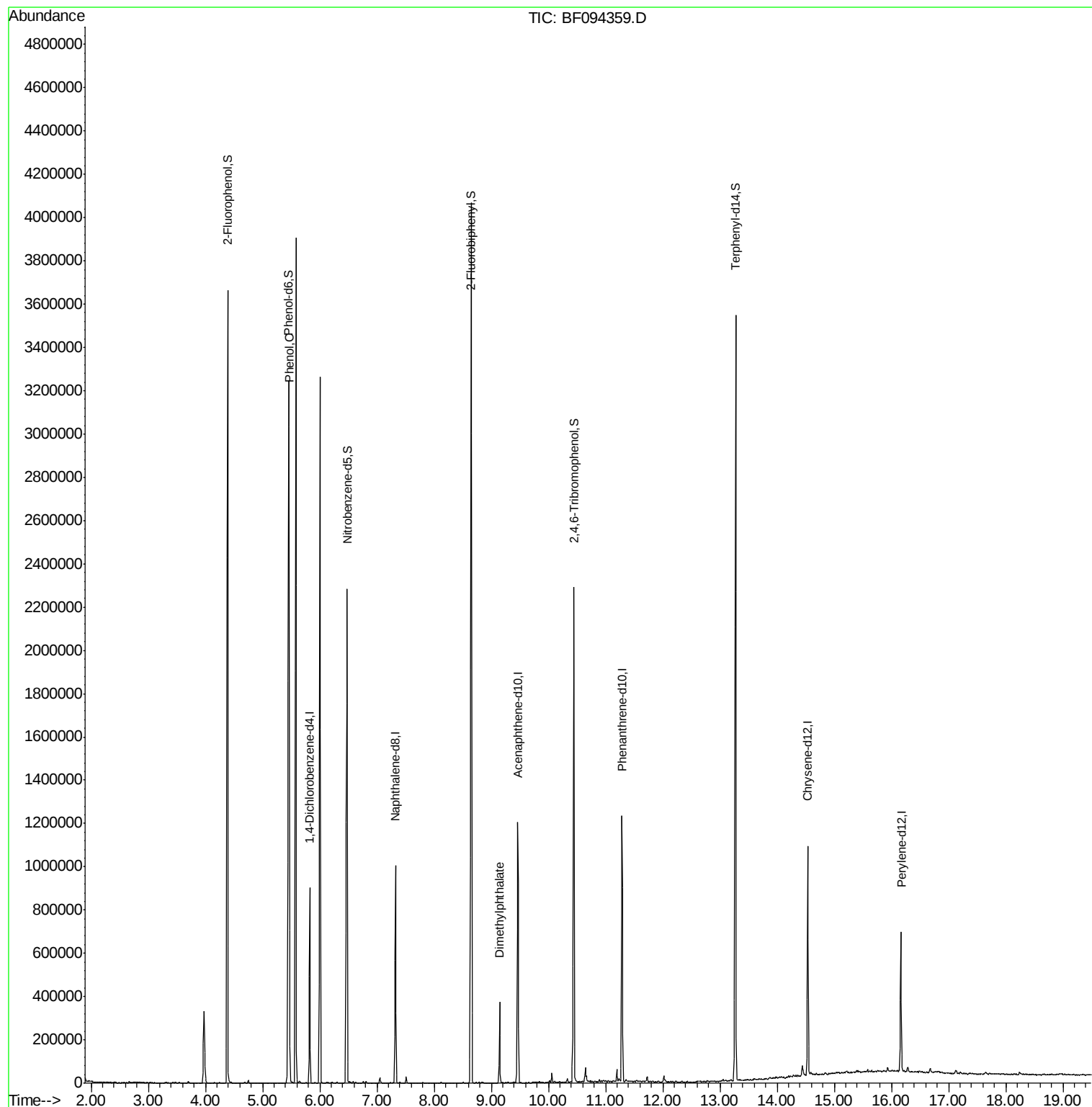
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	141600	20.00	ng	-0.04
21) Naphthalene-d8	7.32	136	571325	20.00	ng	-0.04
38) Acenaphthene-d10	9.46	164	267197	20.00	ng	-0.04
63) Phenanthrene-d10	11.29	188	489119	20.00	ng	-0.04
75) Chrysene-d12	14.54	240	391094	20.00	ng	-0.04
86) Perylene-d12	16.17	264	263338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1233072	147.08	ng	0.00
7) Phenol-d6	5.46	99	1605927	154.84	ng	0.00
23) Nitrobenzene-d5	6.47	82	988888	98.78	ng	-0.04
41) 2,4,6-Tribromophenol	10.45	330	327432	155.08	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	1720136	98.19	ng	-0.04
78) Terphenyl-d14	13.27	244	1453789	83.32	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	104427	8.85	ng	92
49) Dimethylphthalate	9.15	163	163837	8.63	ng	97

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

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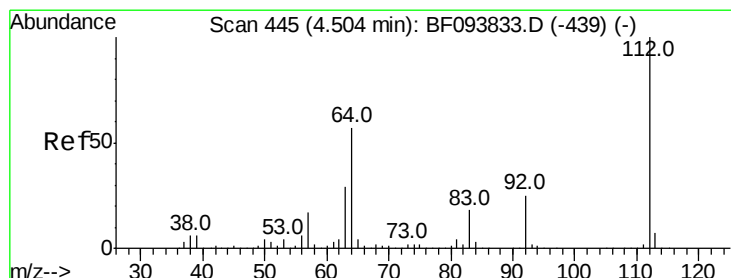
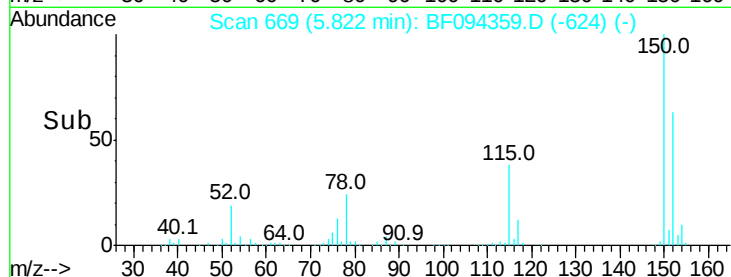
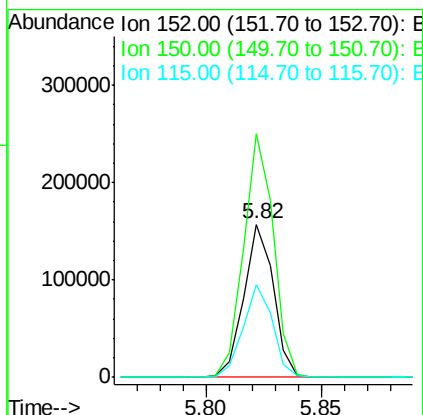
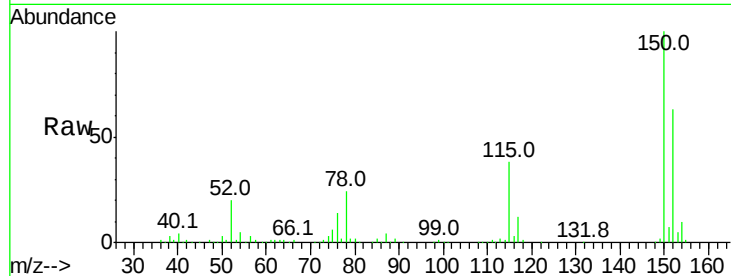


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Instrument :
BNA_F
ClientSampleId :
D001-D002-D003

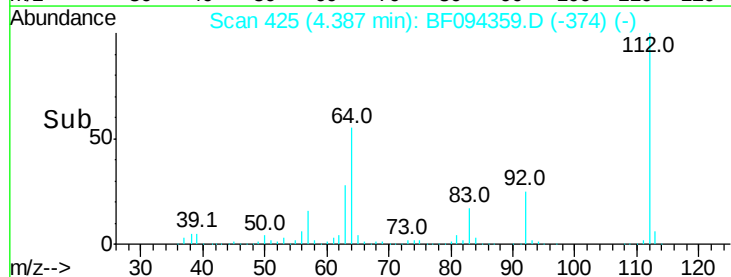
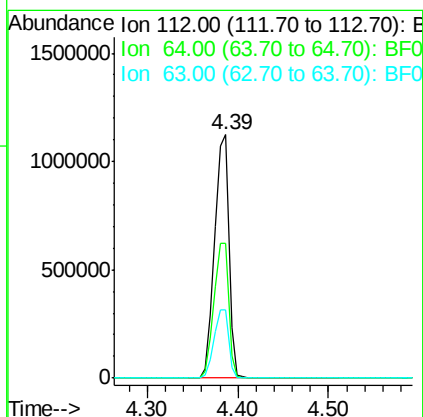
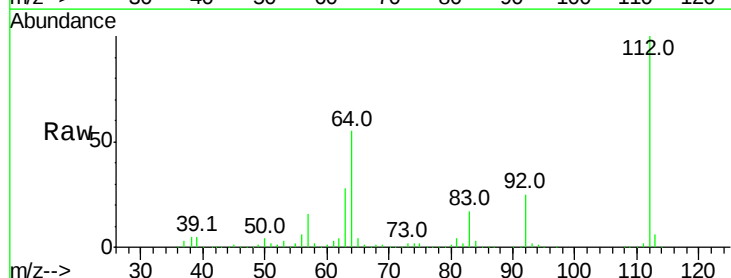
Tot Ion:152 Resp: 141600
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 60.6 52.2 78.2



#5

2-Fluorophenol
Concen: 147.08 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Tgt Ion:112 Resp: 1233072
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 28.0 23.4 35.0





#7

Phenol-d6

Concen: 154.84 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

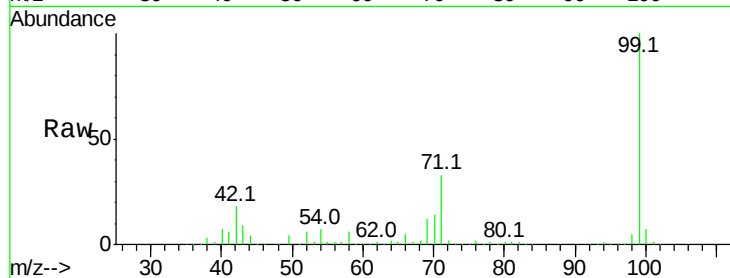
BNA_F

ClientSampleId :

D001-D002-D003

Tot Ion: 99 Resp: 1605927

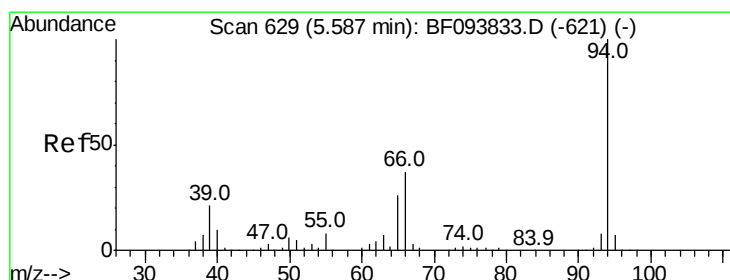
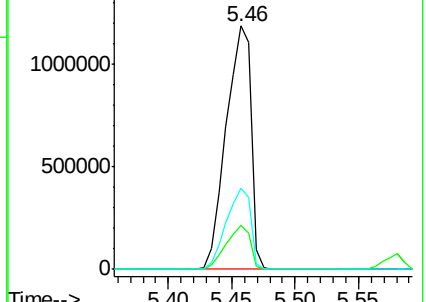
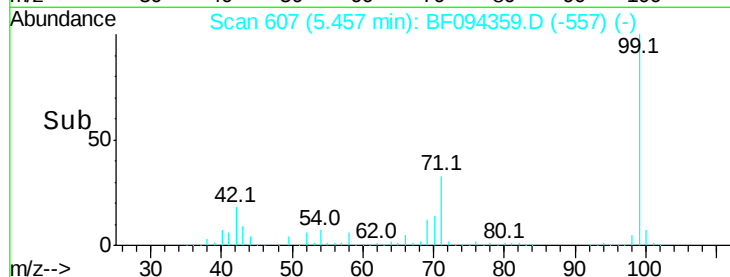
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.4	24.5	36.7



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: 8.85 ng

RT: 5.47 min Scan# 609

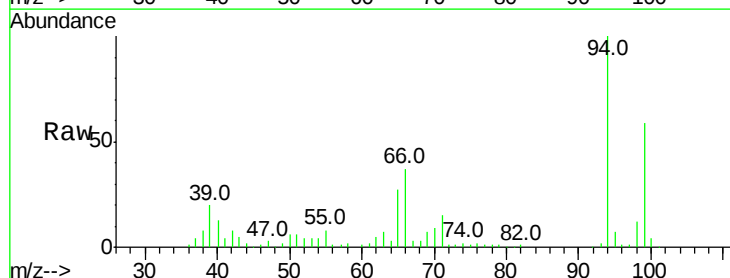
Delta R.T. -0.01 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Tgt Ion: 94 Resp: 104427

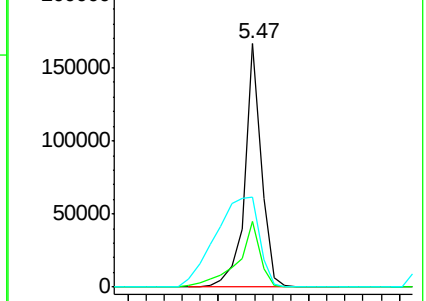
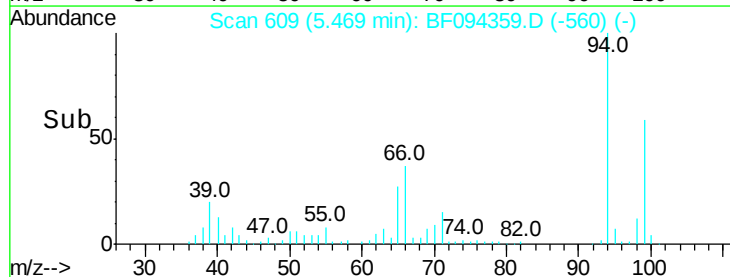
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	37.2	23.1	63.1



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: 7.32 min Scan# 924

Delta R.T. -0.04 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampleId :

D001-D002-D003

Tot Ion:136 Resp: 571325

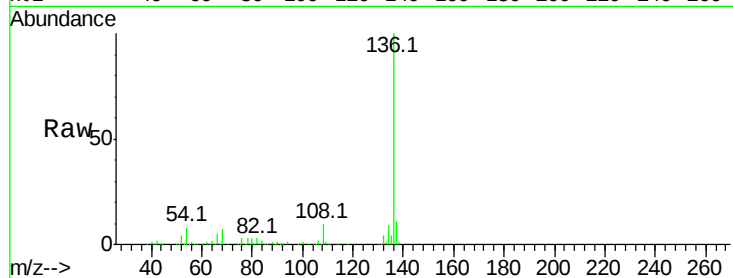
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.8 4.9 7.3#

68 6.8 4.1 6.1#

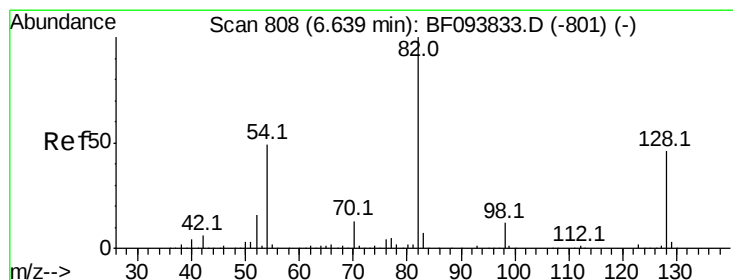
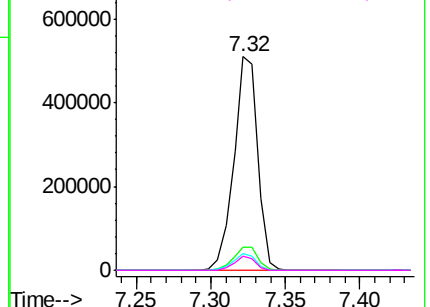
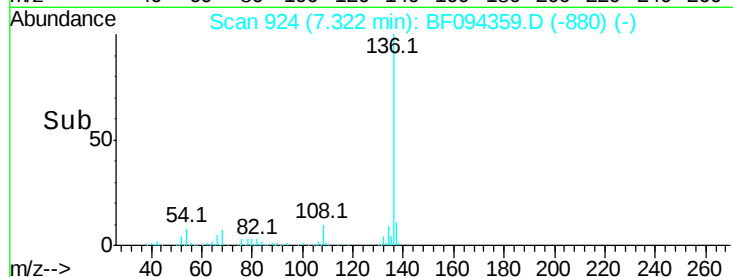


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.78 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

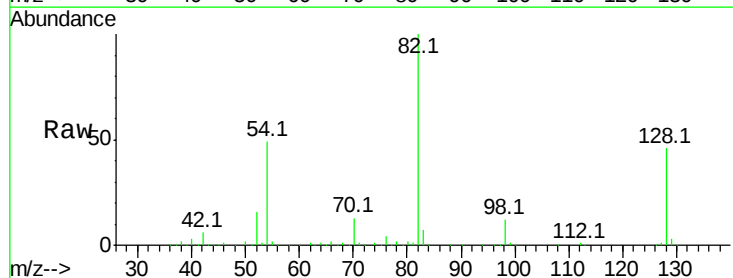
Tgt Ion: 82 Resp: 988888

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

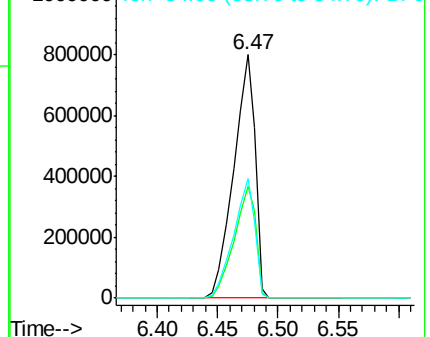
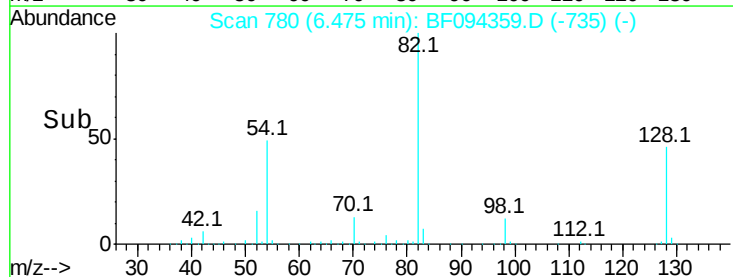
54 48.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.04 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampleId :

D001-D002-D003

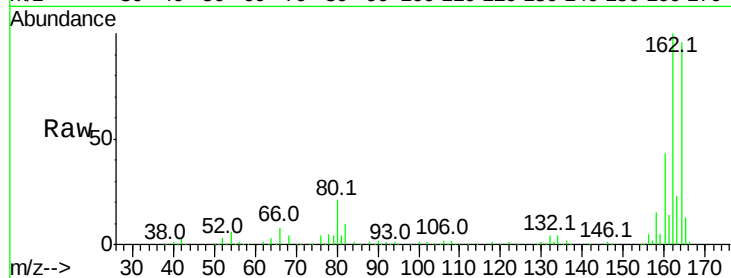
Tot Ion:164 Resp: 267197

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

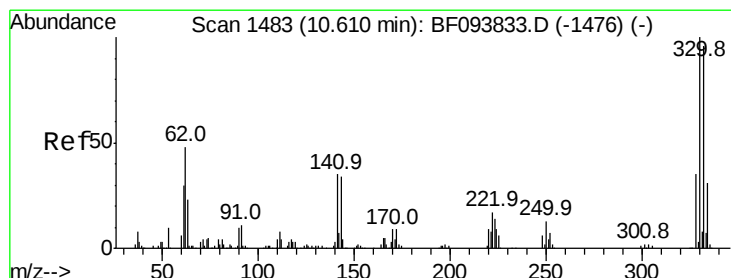
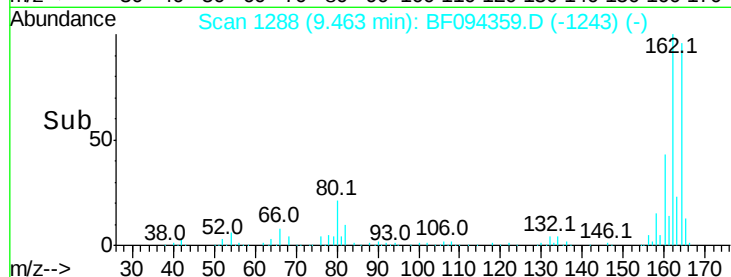
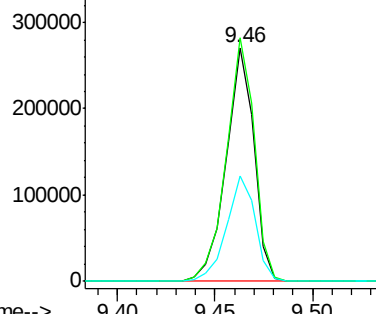
160 44.9 36.2 54.2



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: 155.08 ng

RT: 10.45 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

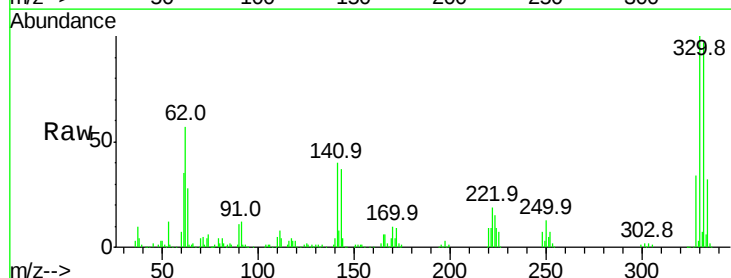
Tgt Ion:330 Resp: 327432

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

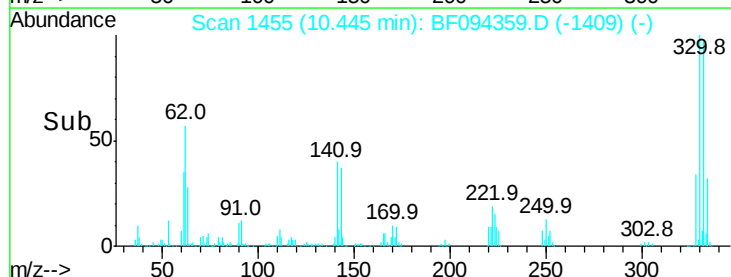
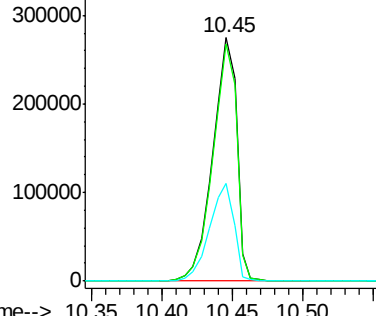
141 40.5 31.4 47.2



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

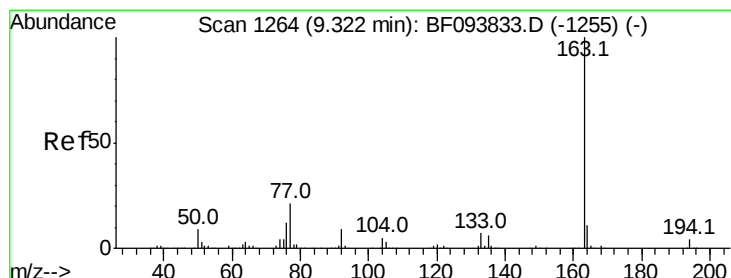
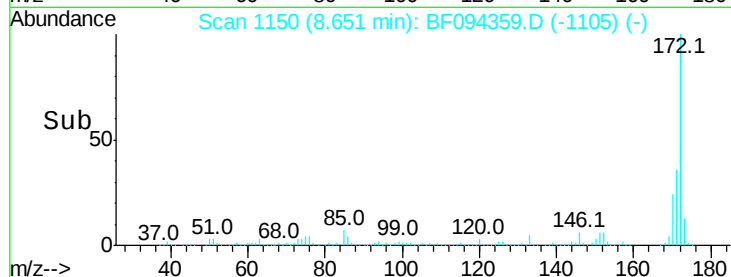
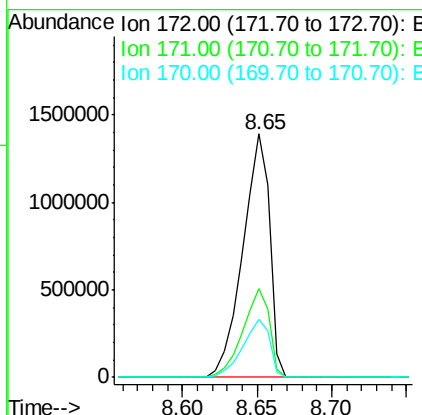
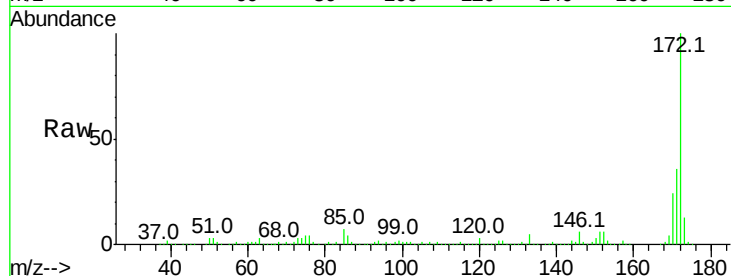




#44
2-Fluorobiphenyl
Concen: 98.19 ng
RT: 8.65 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

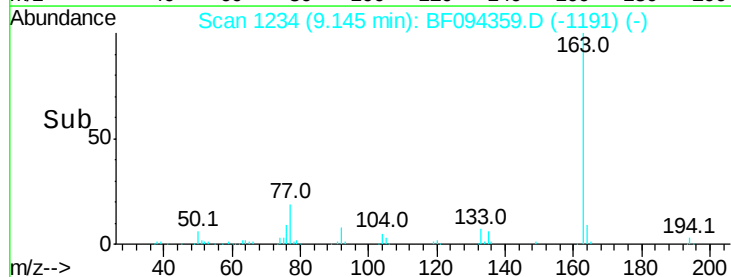
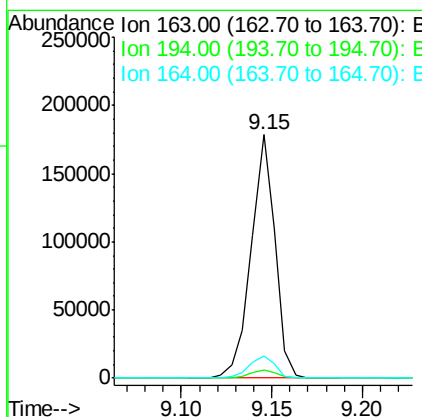
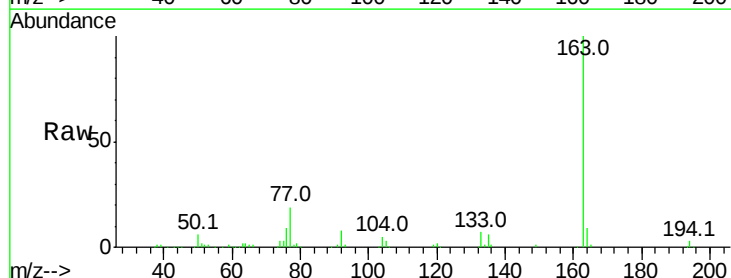
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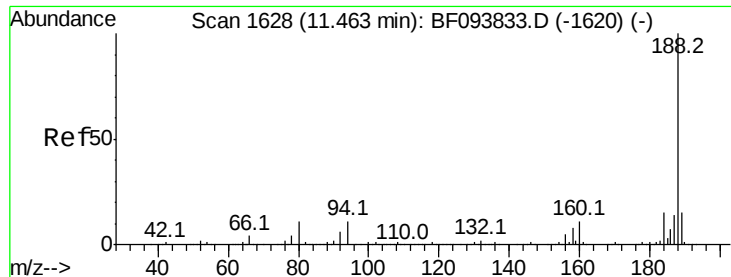
Tot Ion:172 Resp: 1720136
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 8.63 ng
RT: 9.15 min Scan# 1234
Delta R.T. -0.05 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Tgt Ion:163 Resp: 163837
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.0 8.4 12.6

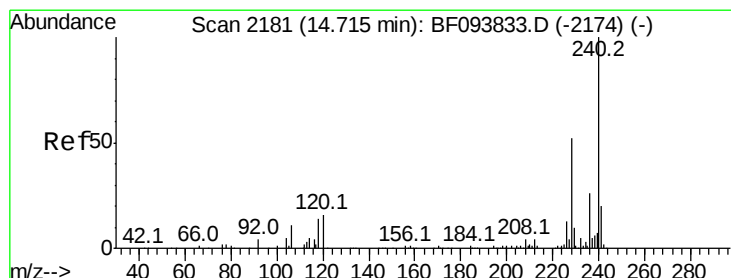
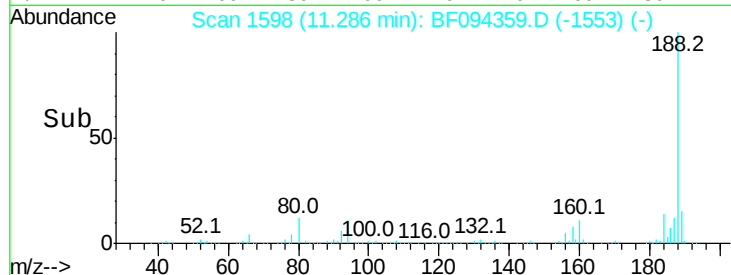
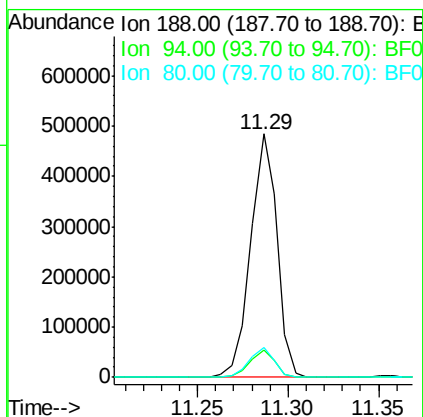
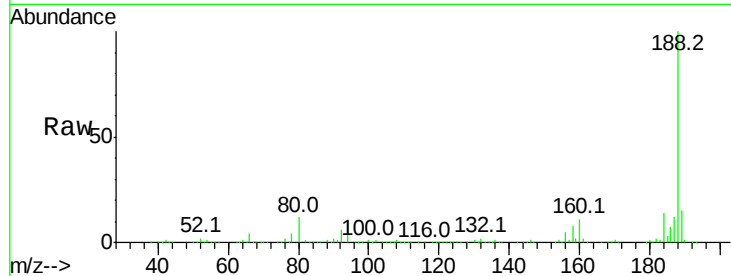




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1598
Delta R.T. -0.04 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

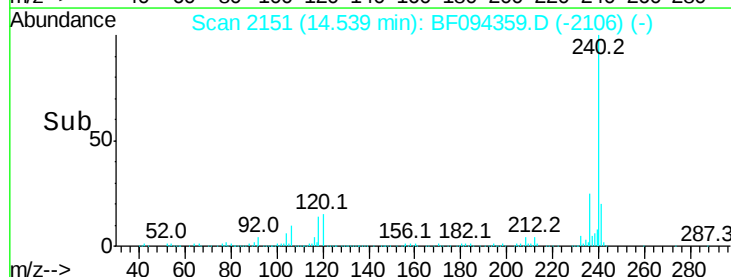
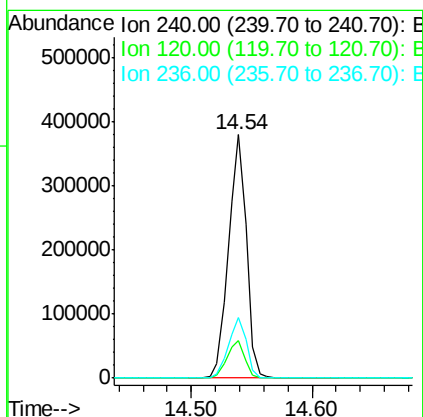
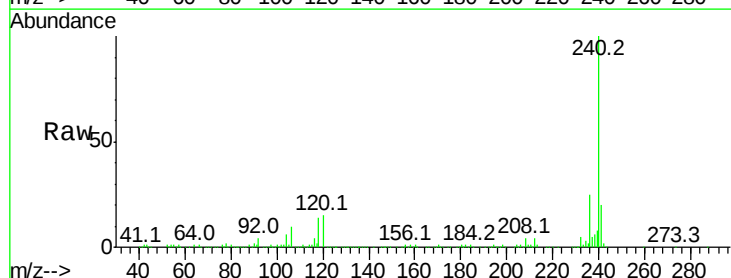
Instrument :
BNA_F
ClientSampleId :
D001-D002-D003

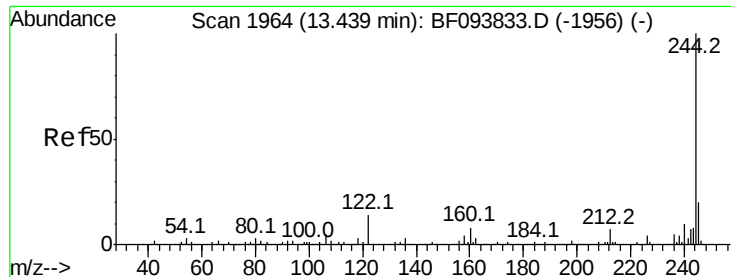
Tot Ion:188 Resp: 489119
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2151
Delta R.T. -0.04 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Tgt Ion:240 Resp: 391094
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 83.32 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampleId :

D001-D002-D003

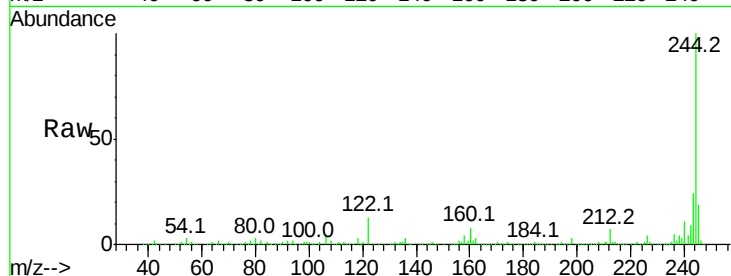
Tot Ion:244 Resp: 1453789

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

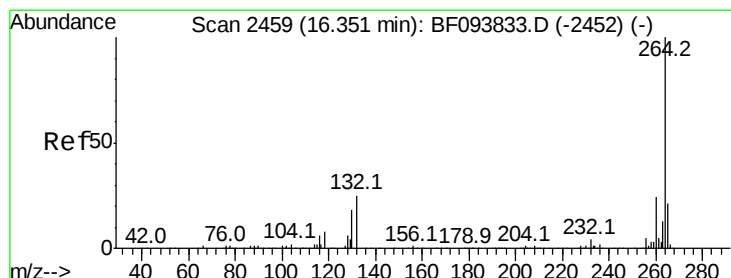
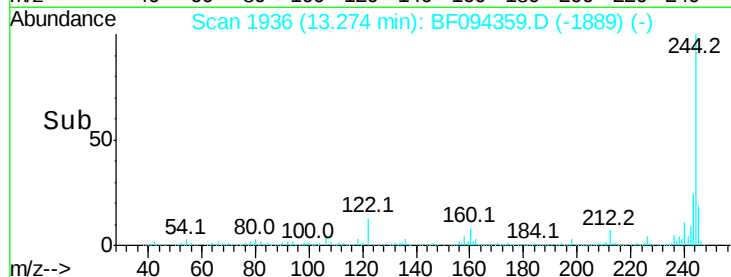
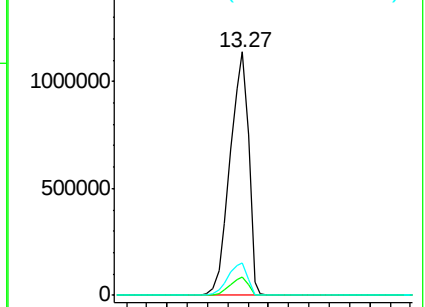
122 13.5 10.3 15.5



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: 16.17 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

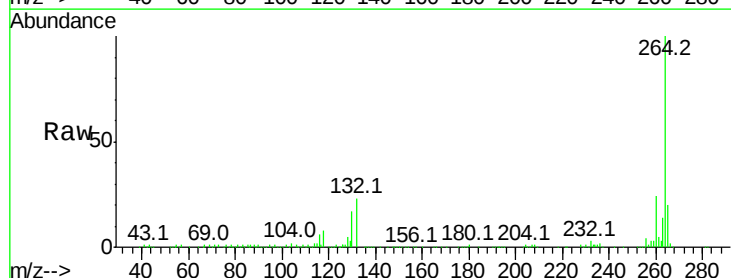
Tgt Ion:264 Resp: 263338

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.4 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

