

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094437.D
 Acq On : 14 Apr 2017 19:18
 Operator : SJ/MA
 Sample : I2672-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASE

Quant Time: Apr 15 01:23:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

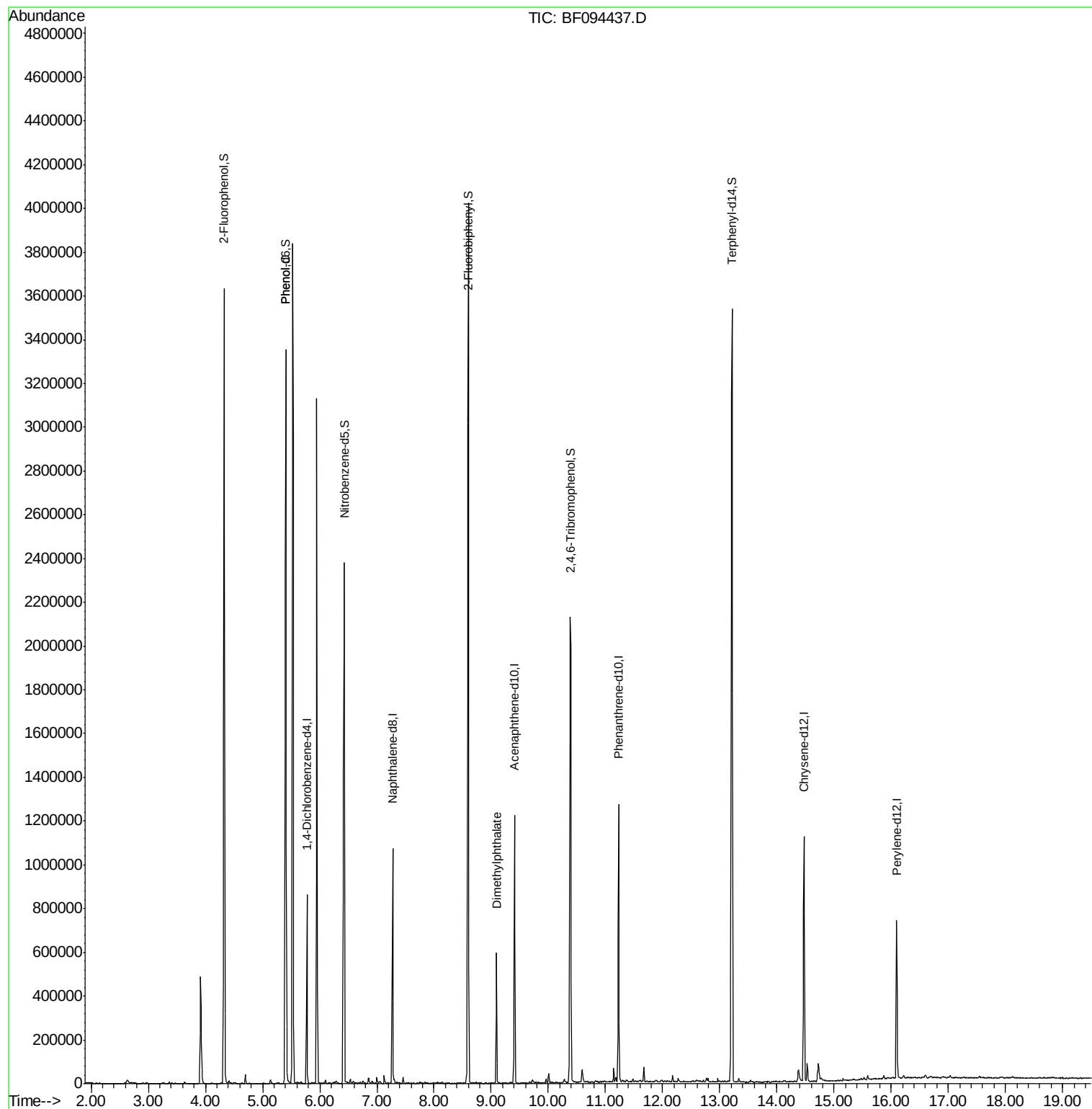
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	147599	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	587455	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	269598	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	489828	20.00	ng	0.00
75) Chrysene-d12	14.47	240	418120	20.00	ng	0.00
86) Perylene-d12	16.10	264	280312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	1229317	140.67	ng	0.01
7) Phenol-d6	5.41	99	1555075	143.85	ng	0.00
23) Nitrobenzene-d5	6.43	82	965028	93.75	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	316451	148.54	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1702890	96.34	ng	0.00
78) Terphenyl-d14	13.22	244	1465539	78.57	ng	0.00
Target Compounds						
10) Phenol	5.42	94	92277	7.50	ng	98
49) Dimethylphthalate	9.09	163	263670	13.76	ng	99

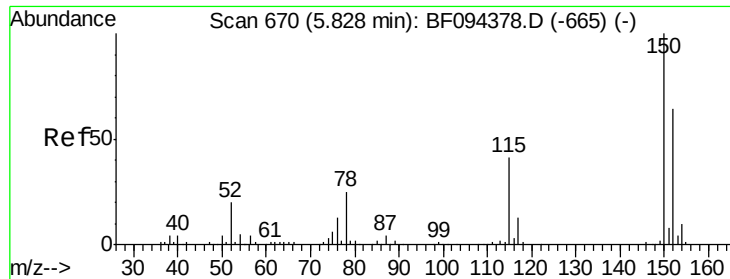
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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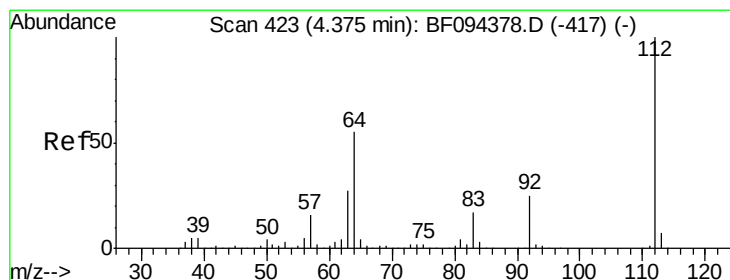
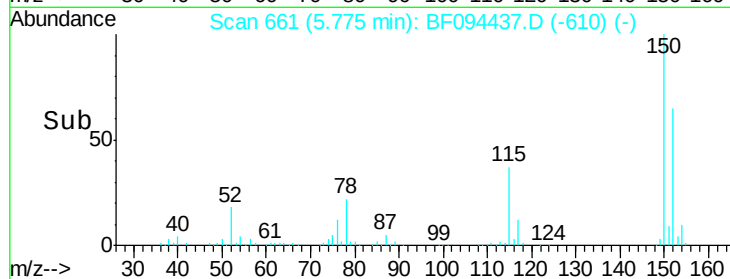
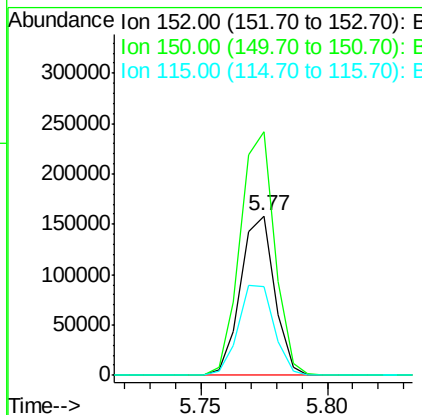
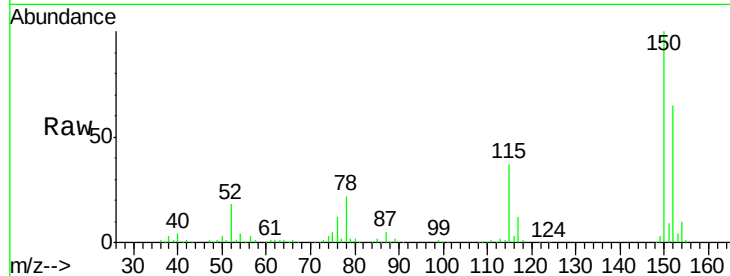


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF094437.D
Acq: 14 Apr 2017 19:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASE

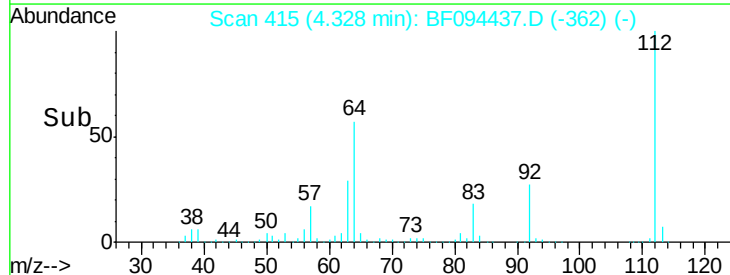
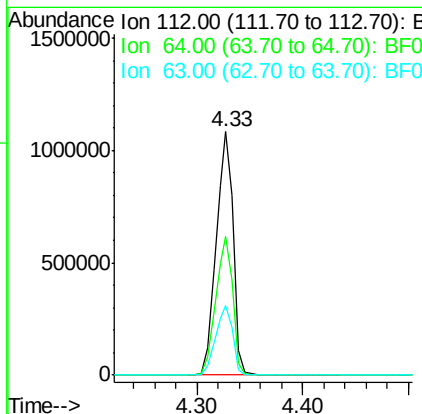
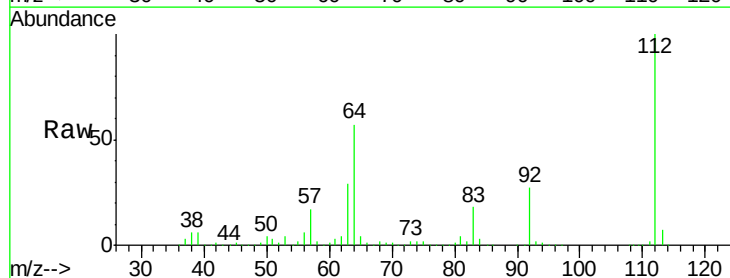
Tot Ion:152 Resp: 147599
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 56.1 52.2 78.2

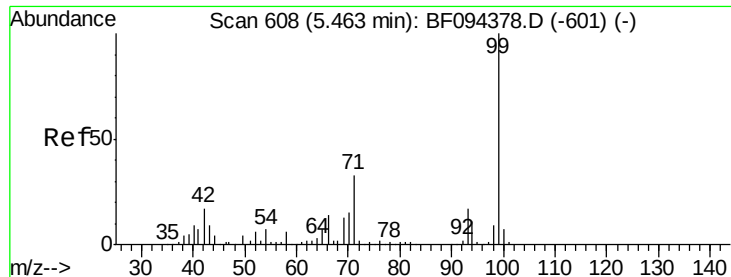


#5

2-Fluorophenol
Concen: 140.67 ng
RT: 4.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF094437.D
Acq: 14 Apr 2017 19:18

Tgt Ion:112 Resp: 1229317
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 28.7 23.4 35.0





#7

Phenol-d6

Concen: 143.85 ng

RT: 5.41 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF094437.D

Acq: 14 Apr 2017 19:18

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASE

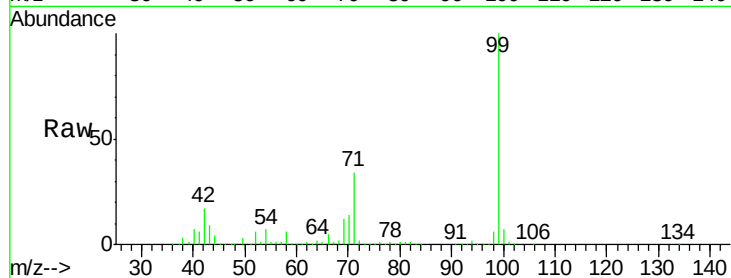
Tot Ion: 99 Resp: 1555075

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

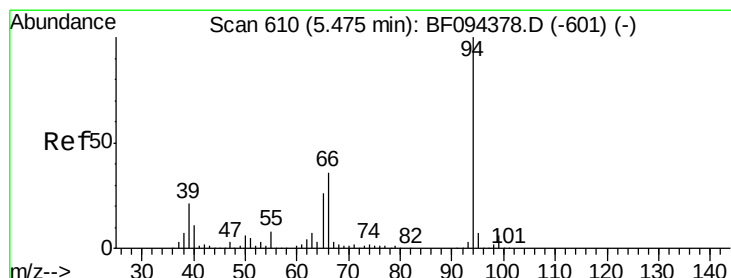
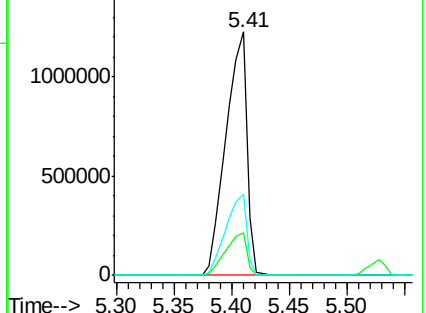
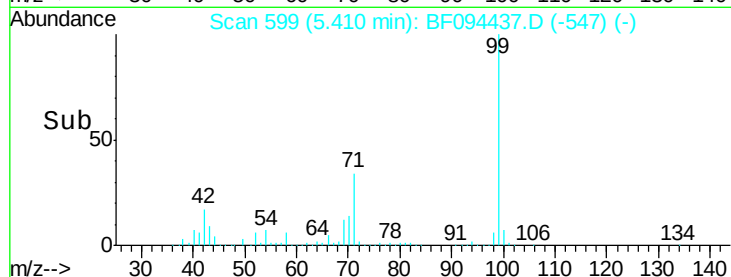
71 33.5 24.5 36.7



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: 7.50 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF094437.D

Acq: 14 Apr 2017 19:18

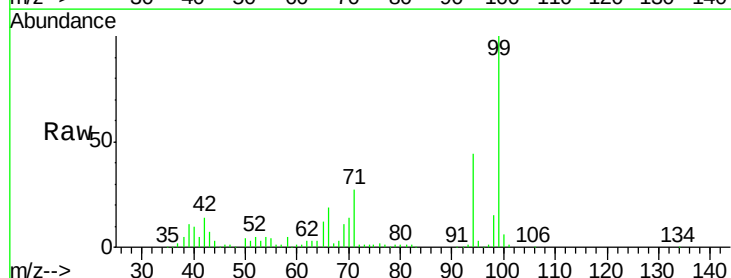
Tgt Ion: 94 Resp: 92277

Ion Ratio Lower Upper

94 100

65 28.3 9.9 49.9

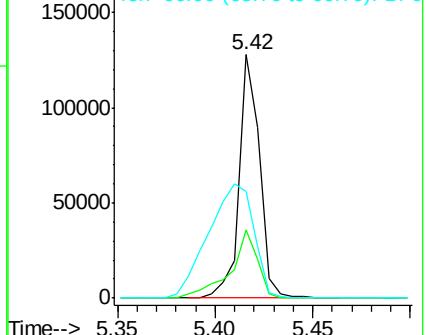
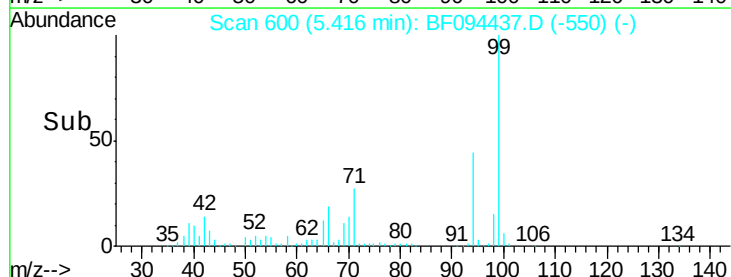
66 43.7 23.1 63.1

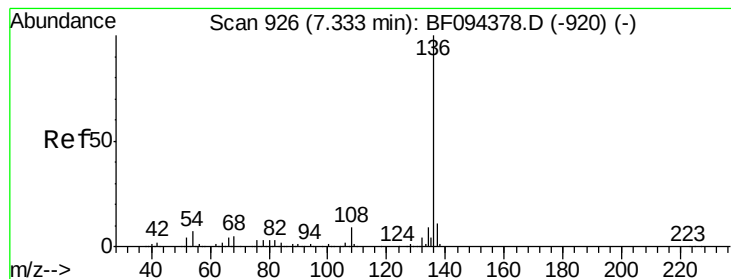


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.27 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF094437.D

Acq: 14 Apr 2017 19:18

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASE

Tot Ion:136 Resp: 587455

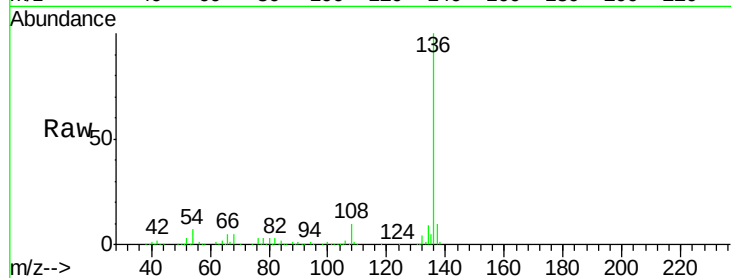
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

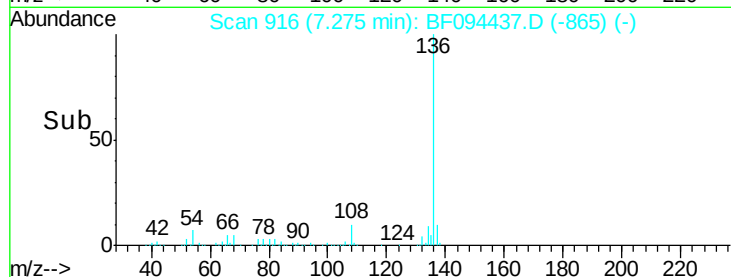


Abundance Ion 136.00 (135.70 to 136.70): E

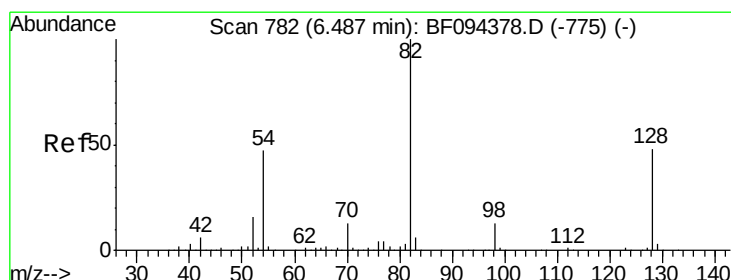
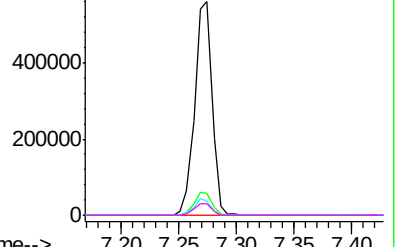
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.75 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF094437.D

Acq: 14 Apr 2017 19:18

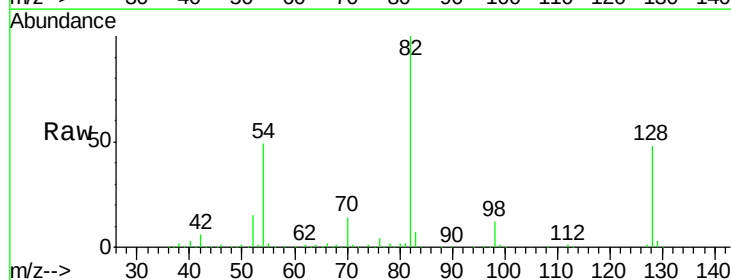
Tgt Ion: 82 Resp: 965028

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

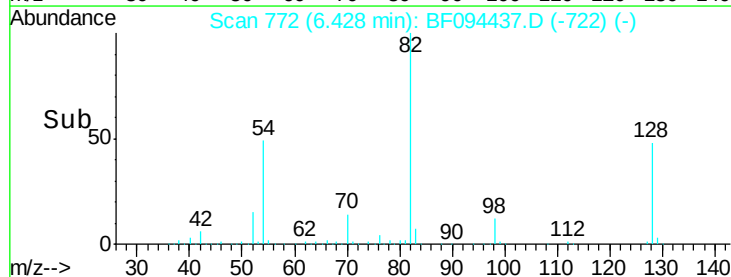
54 48.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

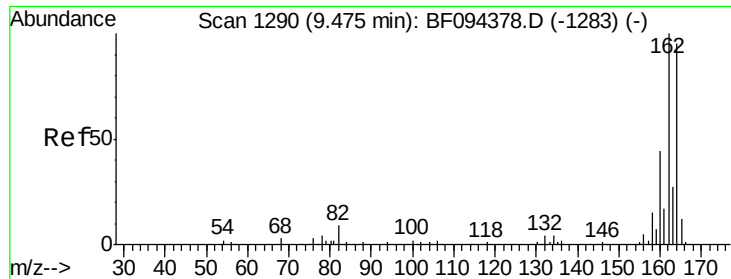
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF094437.D

Acq: 14 Apr 2017 19:18

Instrument :

BNA_F

ClientSampleId :

E2-Z8-BASE

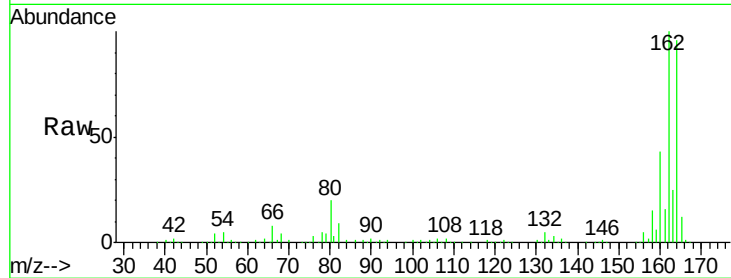
Tot Ion:164 Resp: 269598

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

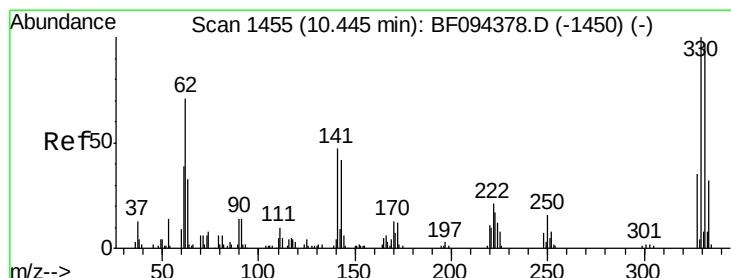
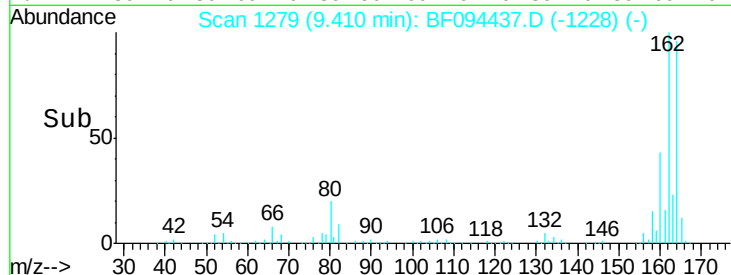
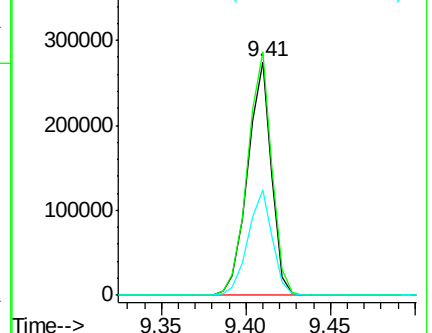
160 45.0 36.2 54.2



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: 148.54 ng

RT: 10.39 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF094437.D

Acq: 14 Apr 2017 19:18

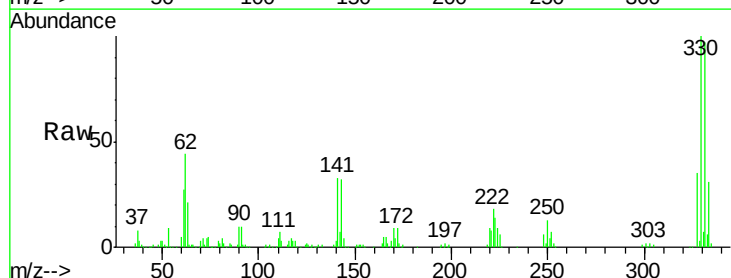
Tgt Ion:330 Resp: 316451

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

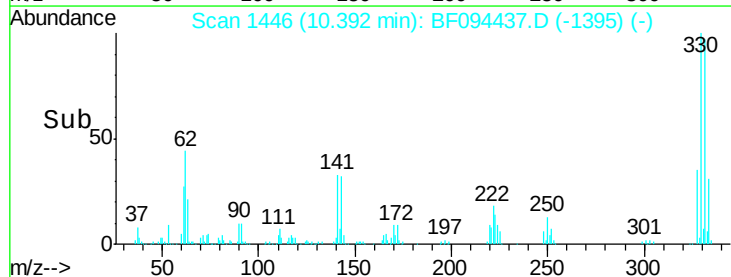
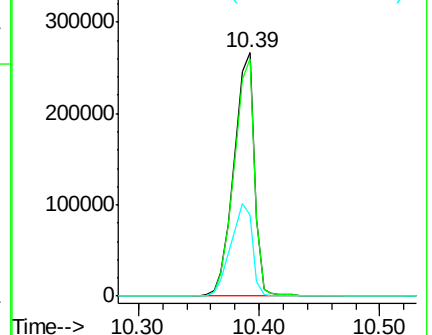
141 39.8 31.4 47.2

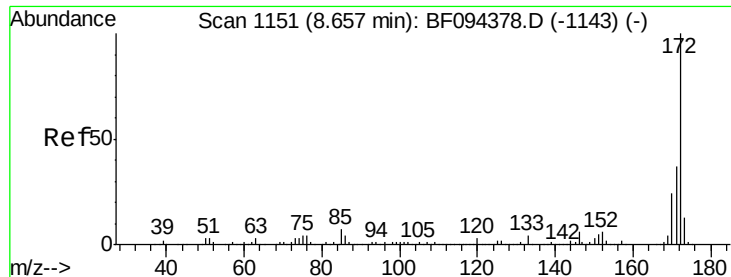


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

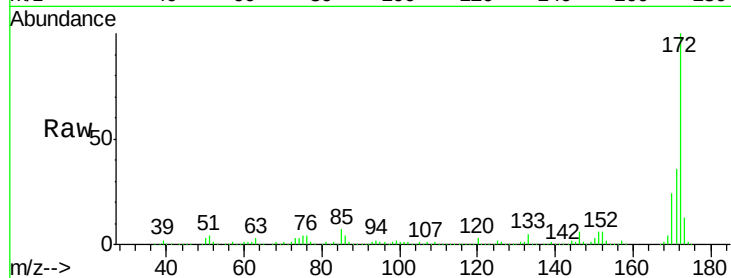




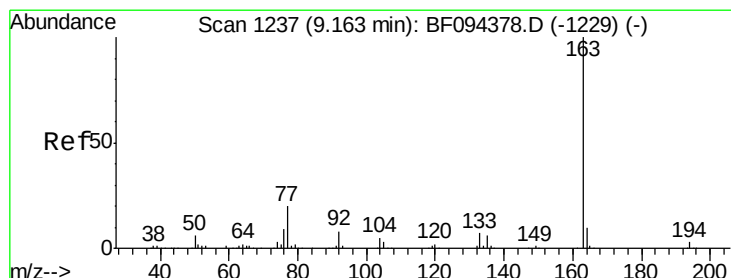
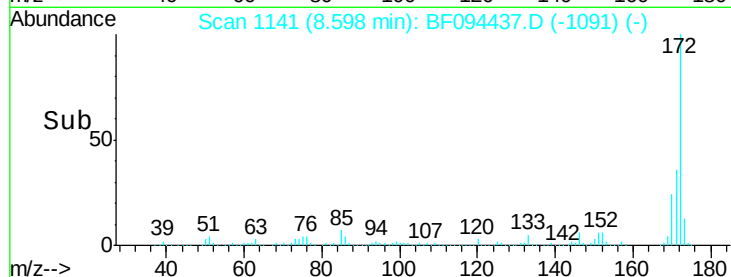
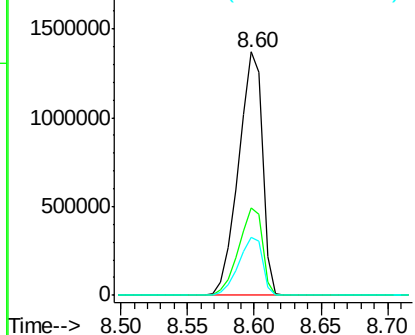
#44
2-Fluorobiphenyl
Concen: 96.34 ng
RT: 8.60 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF094437.D
Acq: 14 Apr 2017 19:18

Instrument :
BNA_F
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E2-Z8-BASE

Tot Ion:172 Resp: 1702890
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.8 29.8

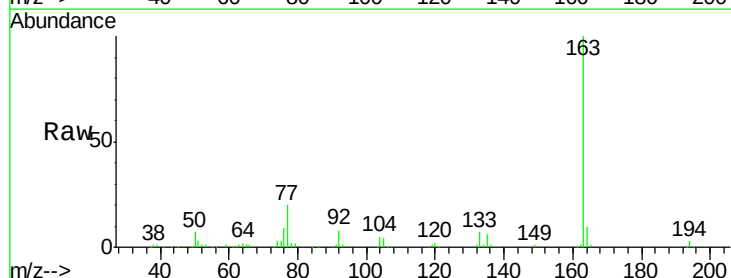


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

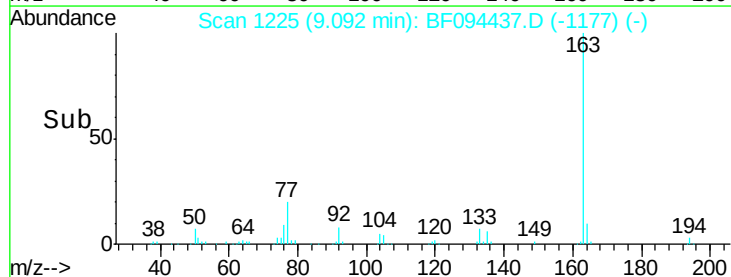
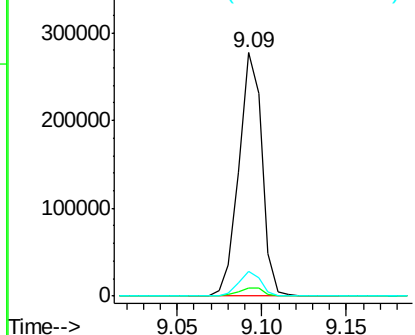


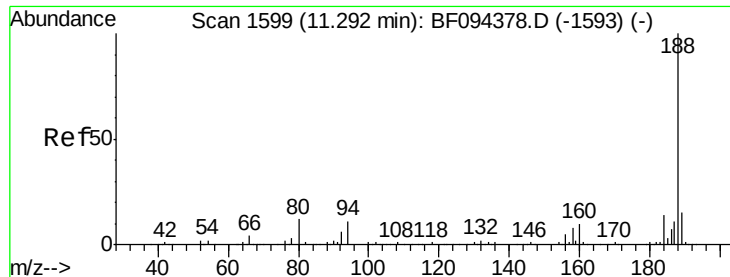
#49
Dimethylphthalate
Concen: 13.76 ng
RT: 9.09 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF094437.D
Acq: 14 Apr 2017 19:18

Tgt Ion:163 Resp: 263670
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 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

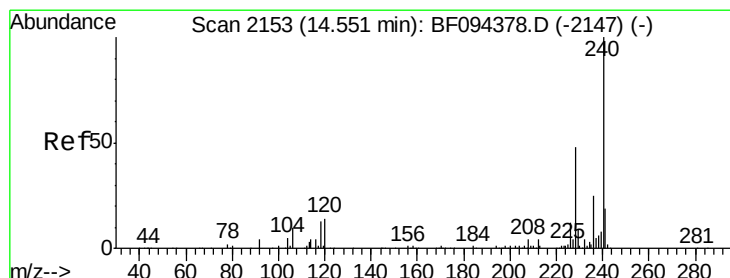
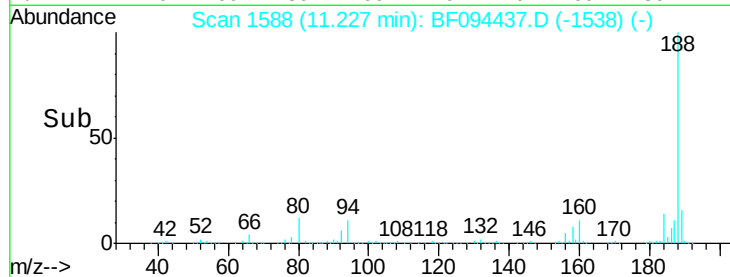
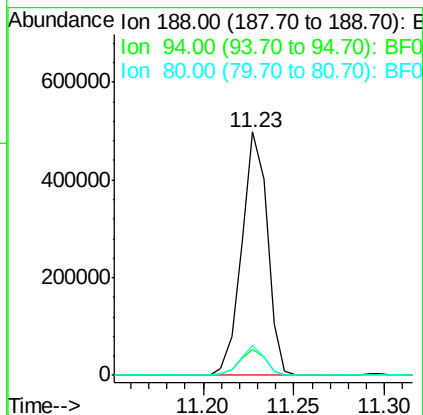
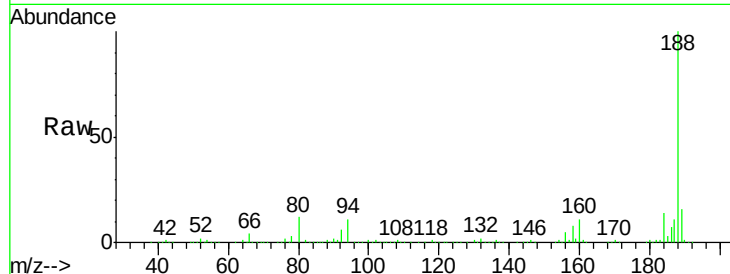




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF094437.D
Acq: 14 Apr 2017 19:18

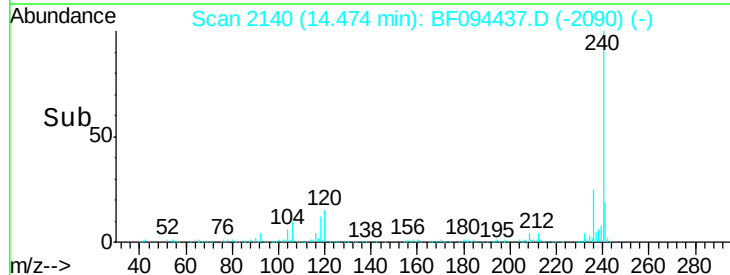
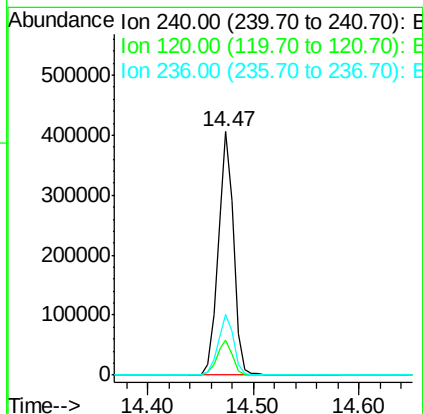
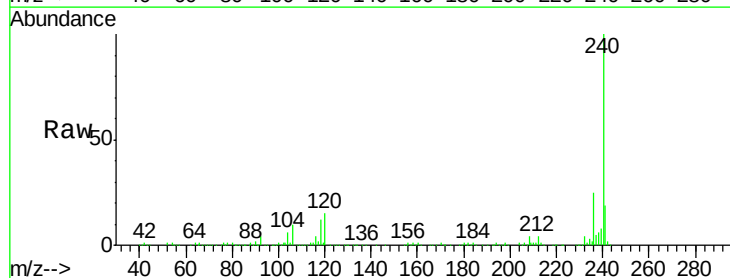
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E2-Z8-BASE

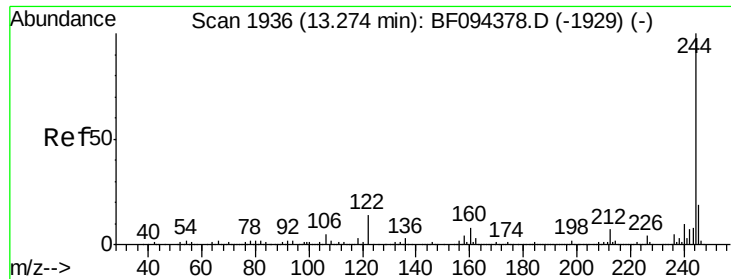
Tot Ion:188 Resp: 489828
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 12.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BF094437.D
Acq: 14 Apr 2017 19:18

Tgt Ion:240 Resp: 418120
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.0 20.5 30.7

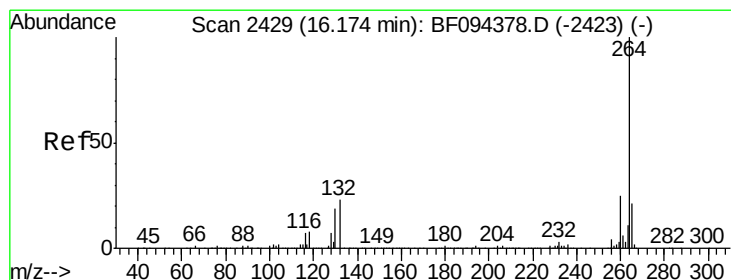
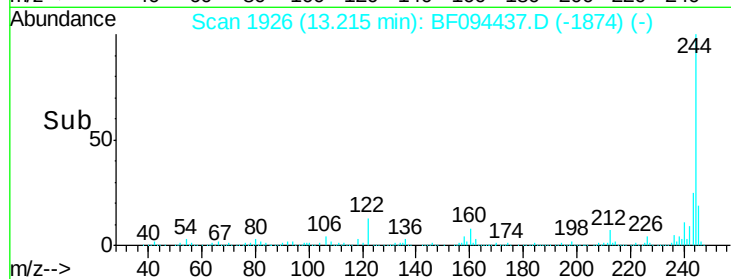
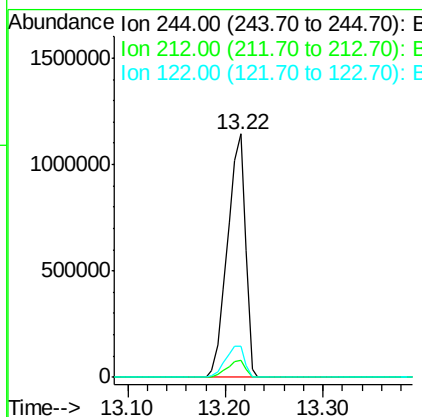
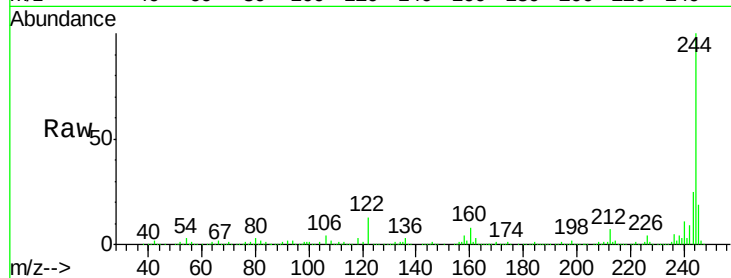




#78
 Terphenyl-d14
 Concen: 78.57 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: BF094437.D
 Acq: 14 Apr 2017 19:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASE

Tot Ion:244 Resp: 1465539
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BF094437.D
 Acq: 14 Apr 2017 19:18

Tgt Ion:264 Resp: 280312
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.5 17.2 25.8

