

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094477.D
 Acq On : 18 Apr 2017 5:23
 Operator : SJ/MA
 Sample : I2707-02 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-X7-BASE

Quant Time: Apr 18 06:50:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	136859	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	546811	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	252398	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	375625	20.00	ng	0.00
75) Chrysene-d12	14.48	240	237435	20.00	ng	0.01
86) Perylene-d12	16.10	264	228246	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	22310	2.70	ng	0.00
7) Phenol-d6	5.38	99	26725	2.75	ng	-0.01
23) Nitrobenzene-d5	6.40	82	16253	1.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	4516	2.29	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	33389	1.95	ng	0.00
78) Terphenyl-d14	13.20	244	20132	2.27	ng	0.00

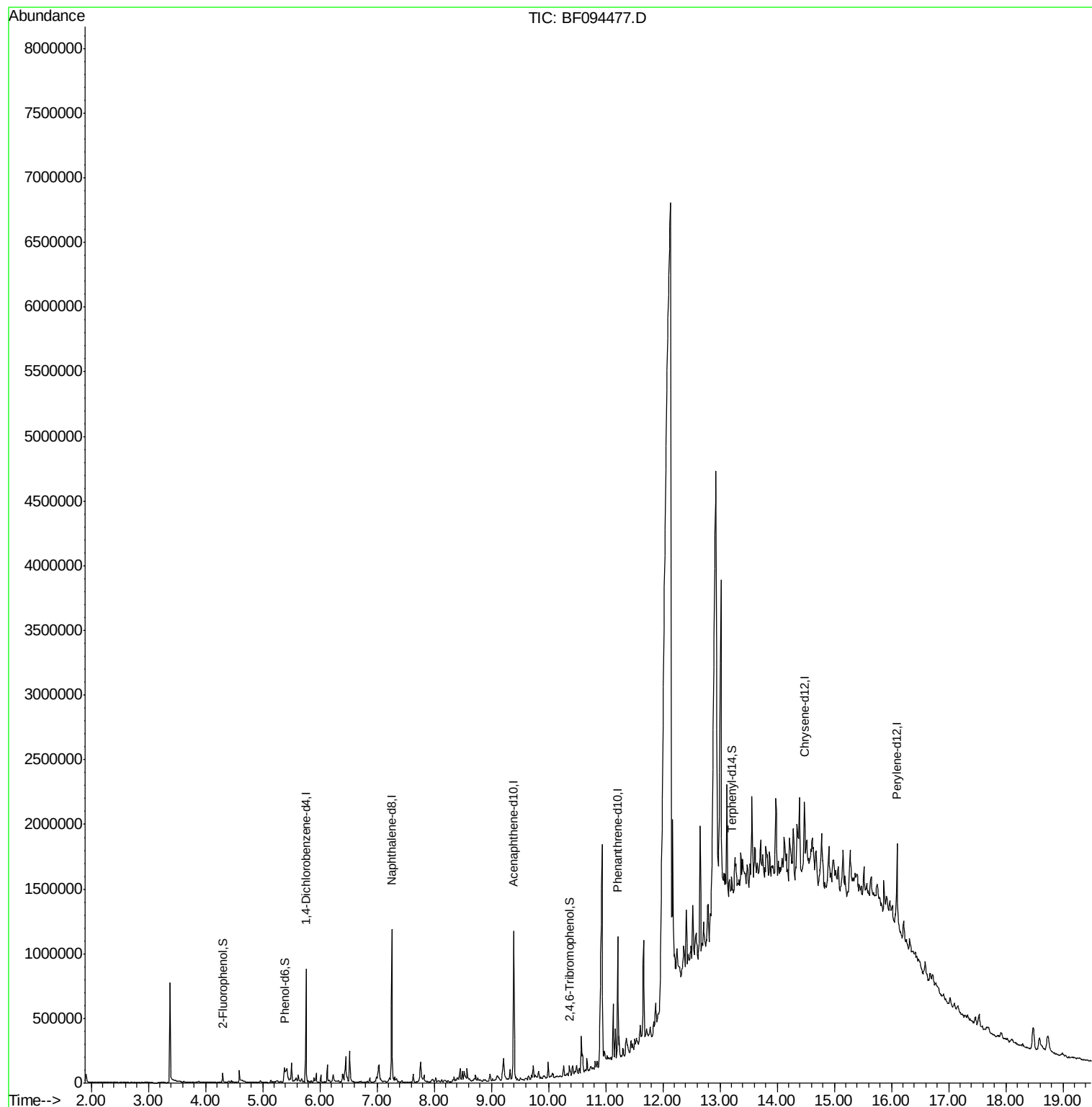
Target Compounds Qvalue

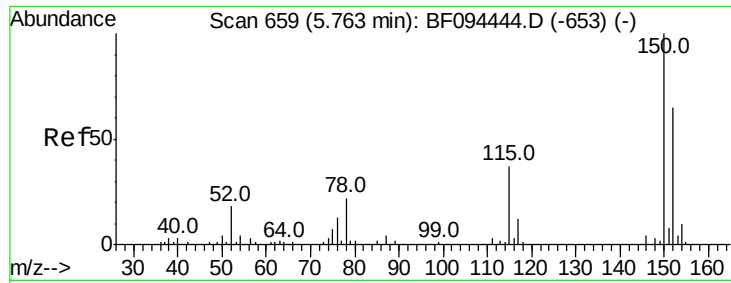
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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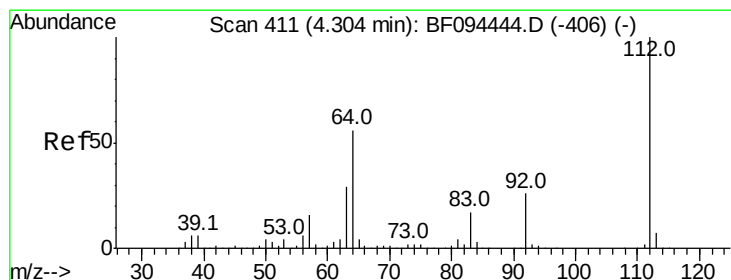
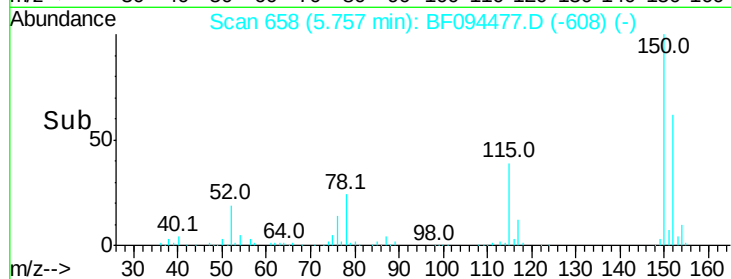
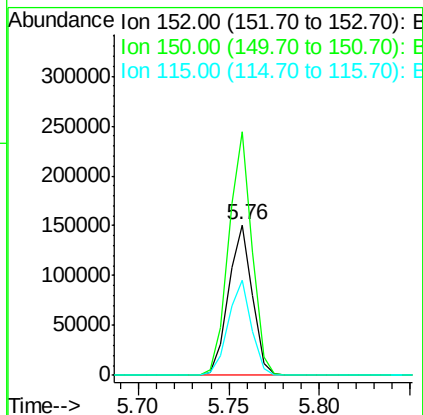
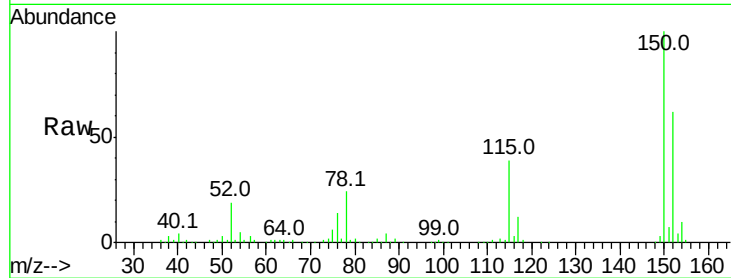


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Instrument :
BNA_F
ClientSampleId :
E2-X7-BASE

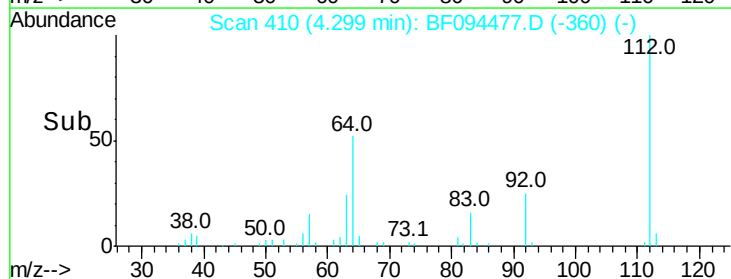
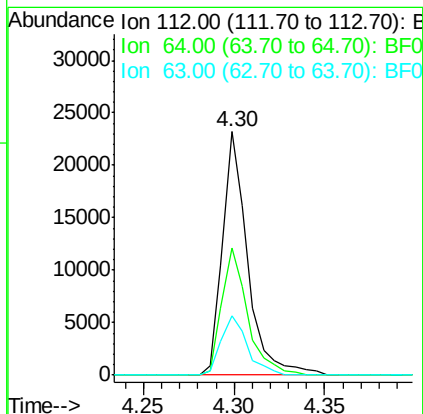
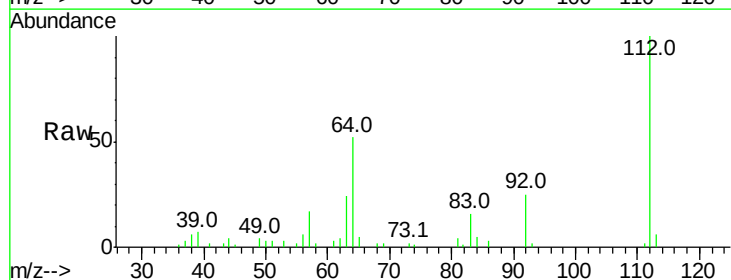
Tot Ion:152 Resp: 136859
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.2
115 63.0 52.2 78.2

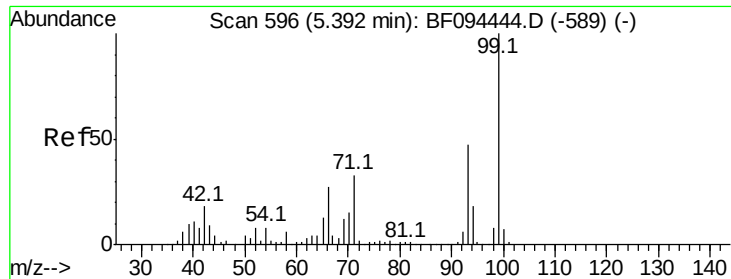


#5

2-Fluorophenol
Concen: 2.70 ng
RT: 4.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF094477.D
Acq: 18 Apr 2017 5:23

Tgt Ion:112 Resp: 22310
Ion Ratio Lower Upper
112 100
64 52.1 46.0 69.0
63 24.3 23.4 35.0





#7

Phenol-d6

Concen: 2.75 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

Instrument :

BNA_F

ClientSampleId :

E2-X7-BASE

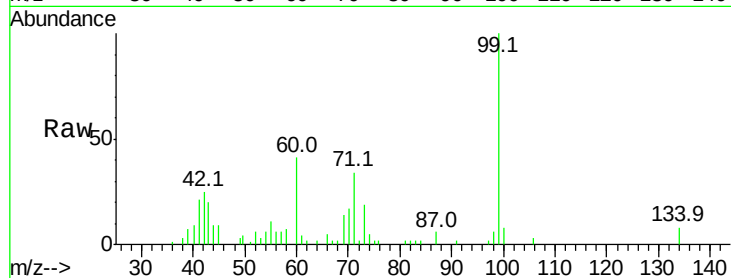
Tot Ion: 99 Resp: 26725

Ion Ratio Lower Upper

99 100

42 24.9 13.5 20.3#

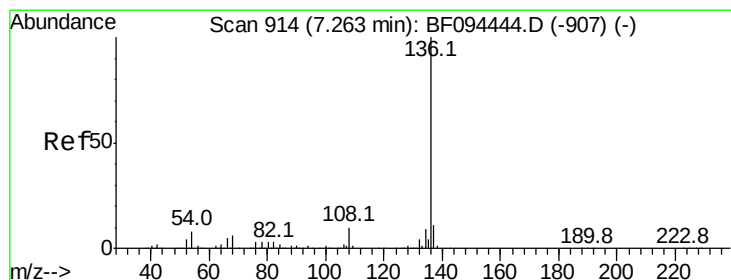
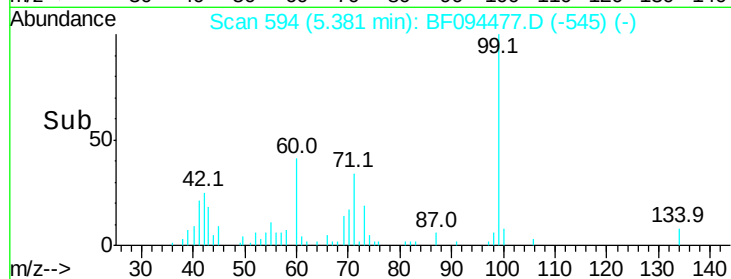
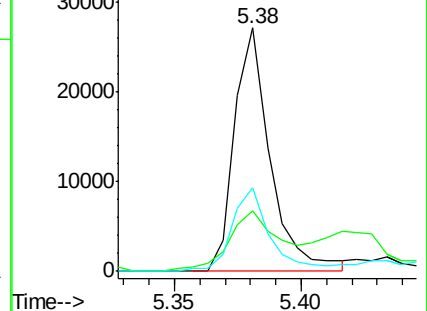
71 34.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

Tgt Ion: 136 Resp: 546811

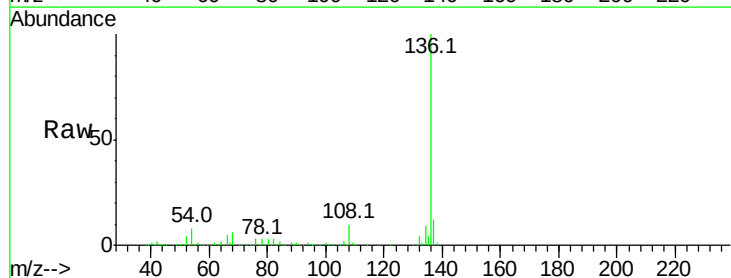
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.7 4.9 7.3#

68 5.9 4.1 6.1

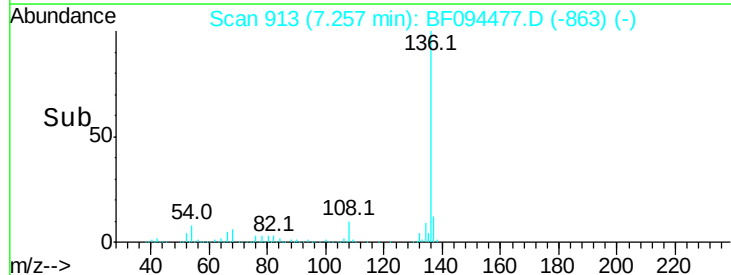
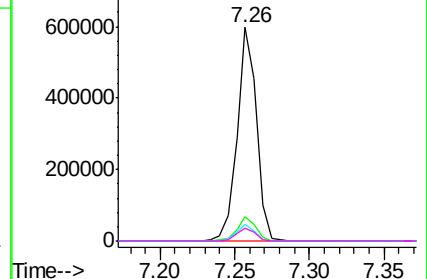


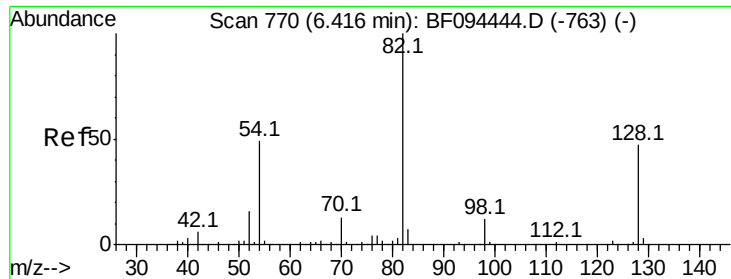
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.84 ng

RT: 6.40 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

Instrument :

BNA_F

ClientSampled :

E2-X7-BASE

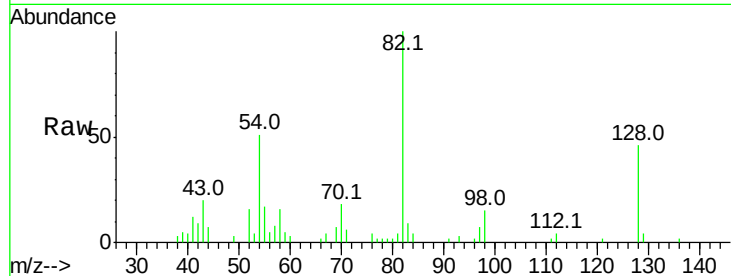
Tot Ion: 82 Resp: 16253

Ion Ratio Lower Upper

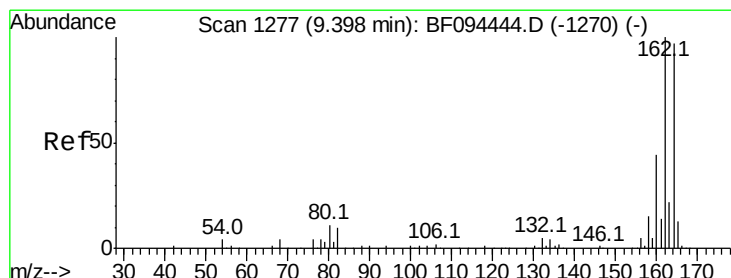
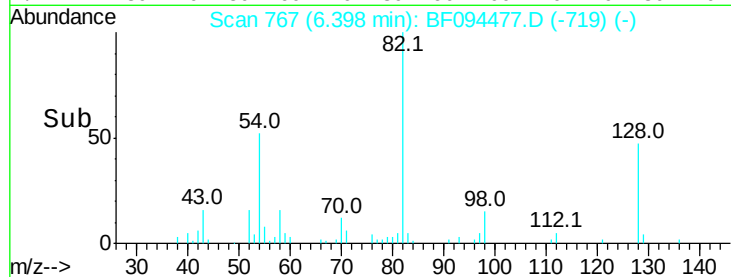
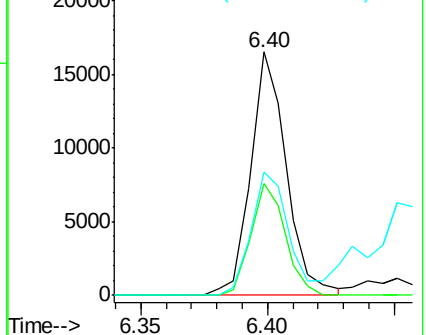
82 100

128 46.1 34.0 51.0

54 50.8 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: 9.39 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

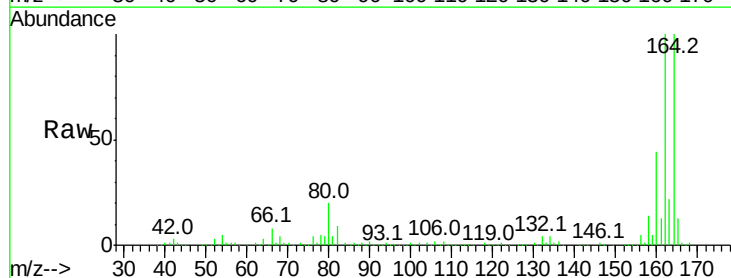
Tgt Ion:164 Resp: 252398

Ion Ratio Lower Upper

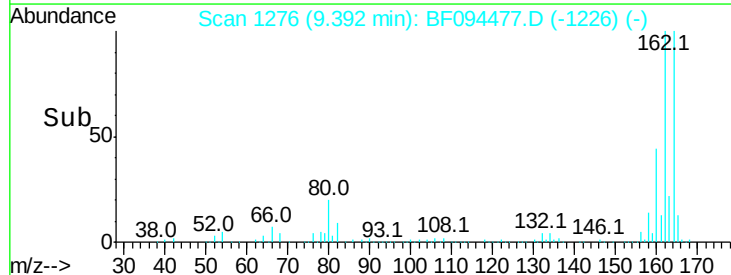
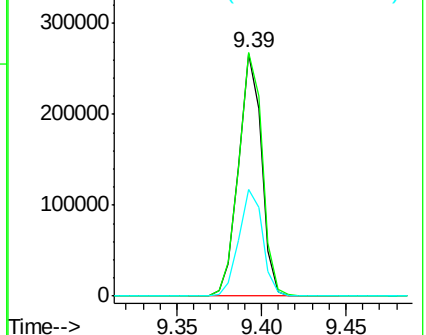
164 100

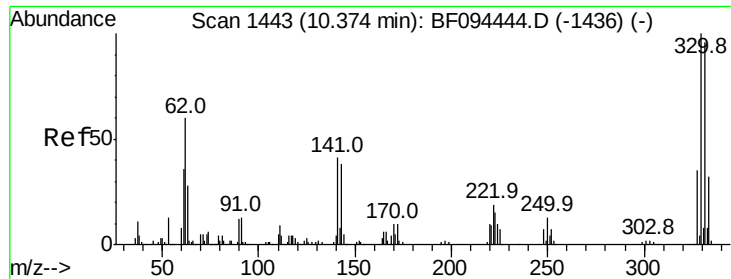
162 100.5 82.6 123.8

160 43.9 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

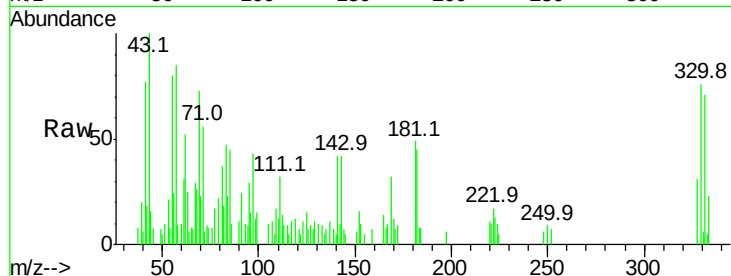




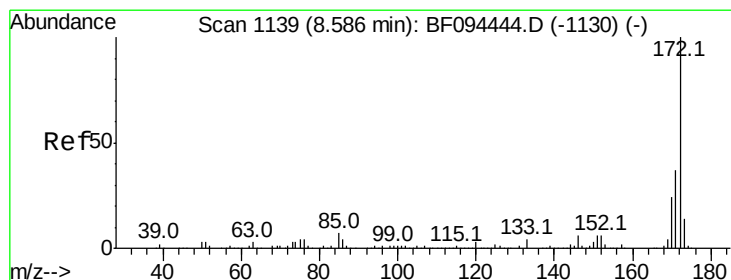
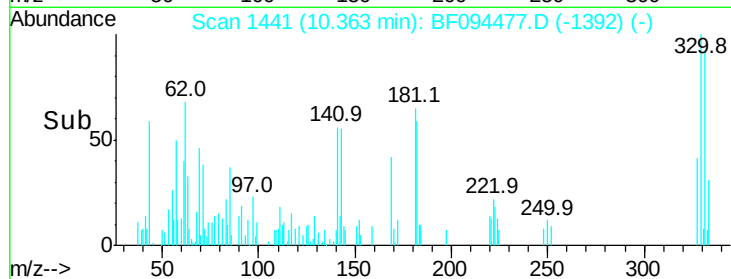
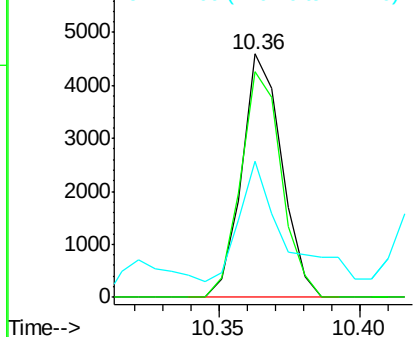
#41
 2,4,6-Tribromophenol
 Concen: 2.29 ng
 RT: 10.36 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF094477.D
 Acq: 18 Apr 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :
 E2-X7-BASE

Tot Ion:330 Resp: 4516
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 54.2 31.4 47.2#

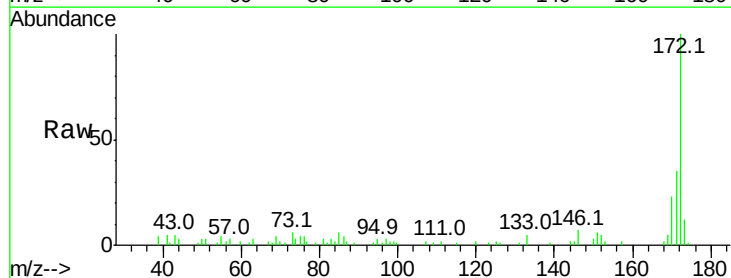


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

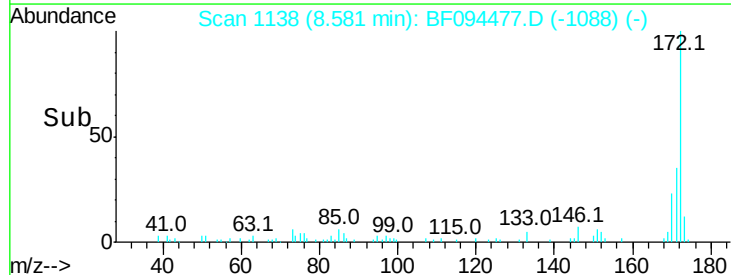
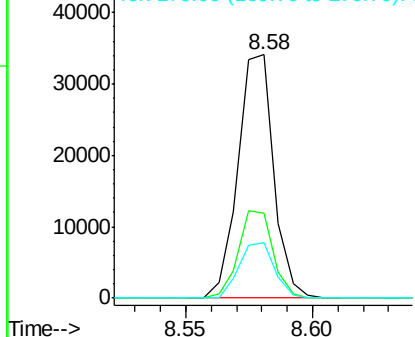


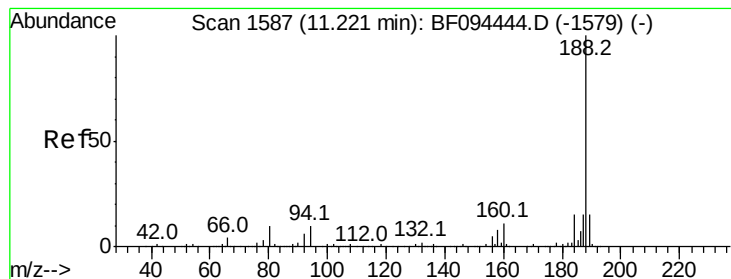
#44
 2-Fluorobiphenyl
 Concen: 1.95 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094477.D
 Acq: 18 Apr 2017 5:23

Tgt Ion:172 Resp: 33389
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 22.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

Instrument :

BNA_F

ClientSampleId :

E2-X7-BASE

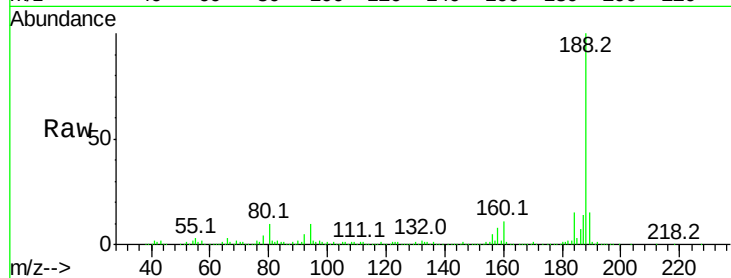
Tot Ion:188 Resp: 375625

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

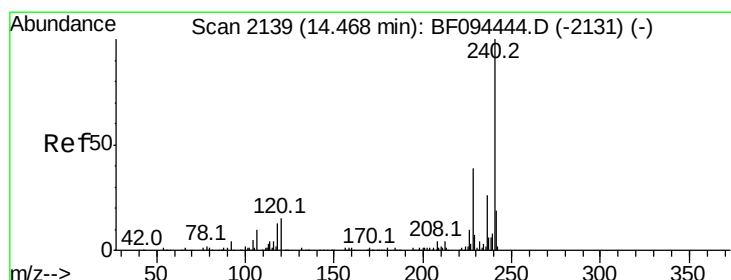
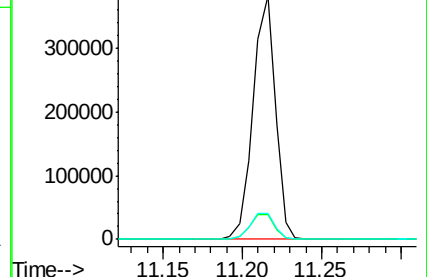
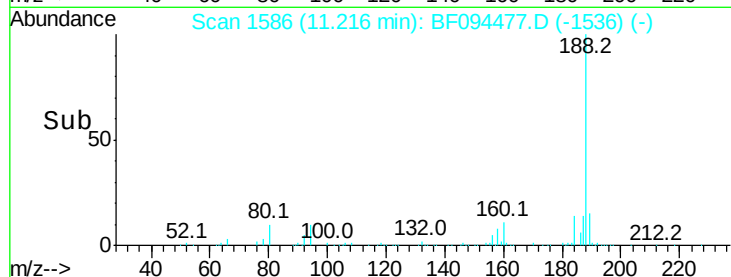
80 10.4 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF094477.D

Acq: 18 Apr 2017 5:23

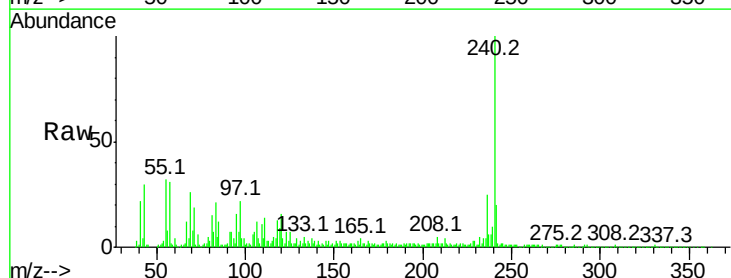
Tgt Ion:240 Resp: 237435

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

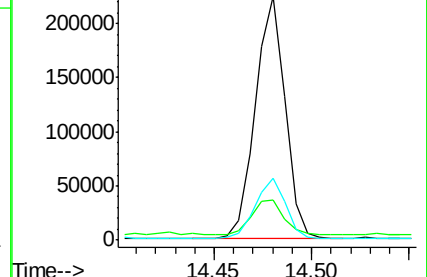
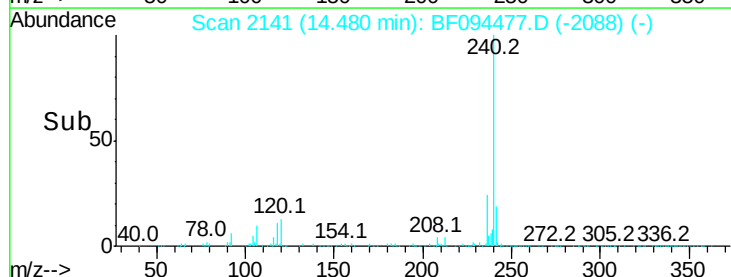
236 25.2 20.5 30.7

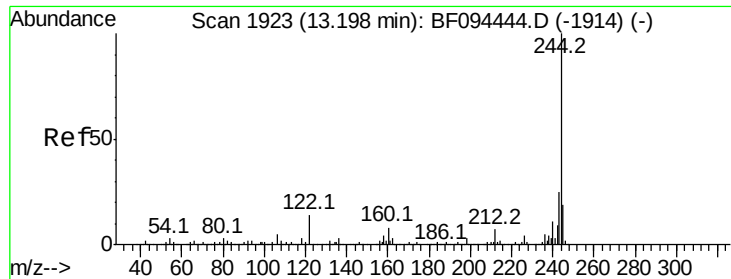


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

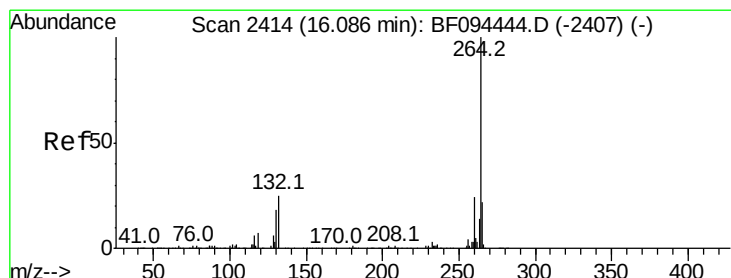
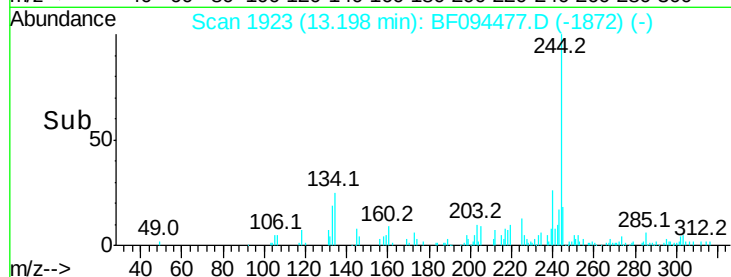
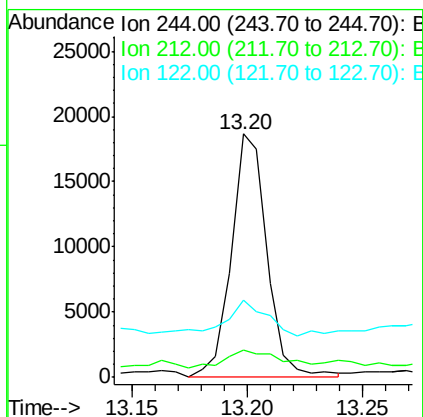
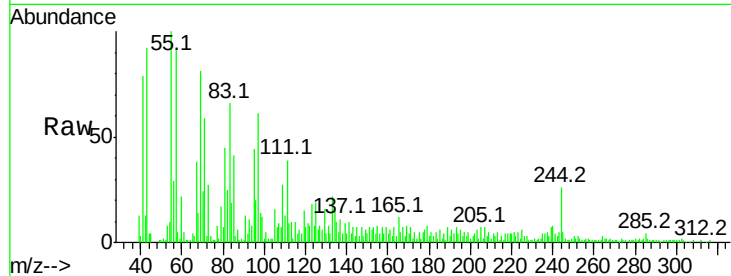




#78
 Terphenyl-d14
 Concen: 2.27 ng
 RT: 13.20 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF094477.D
 Acq: 18 Apr 2017 5:23

Instrument :
 BNA_F
 ClientSampleId :
 E2-X7-BASE

Tot Ion:244 Resp: 20132
 Ion Ratio Lower Upper
 244 100
 212 11.2 6.0 9.0#
 122 31.8 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2416
 Delta R.T. 0.01 min
 Lab File: BF094477.D
 Acq: 18 Apr 2017 5:23

Tgt Ion:264 Resp: 228246
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.5 17.2 25.8

