

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094722.D
 Acq On : 30 Apr 2017 18:42
 Operator : SJ/MA
 Sample : I2895-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(0-4.0)

Quant Time: May 01 03:07:21 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	5.77	152	112547	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	452989	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	217176	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	410342	20.00	ng	0.00
75) Chrysene-d12	14.47	240	328298	20.00	ng	0.00
86) Perylene-d12	16.09	264	221320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	831245	122.53	ng	0.03
7) Phenol-d6	5.40	99	958147	119.81	ng	0.00
23) Nitrobenzene-d5	6.42	82	652252	88.91	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	261251	153.79	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1250082	84.69	ng	0.00
78) Terphenyl-d14	13.19	244	1232982	100.39	ng	0.00

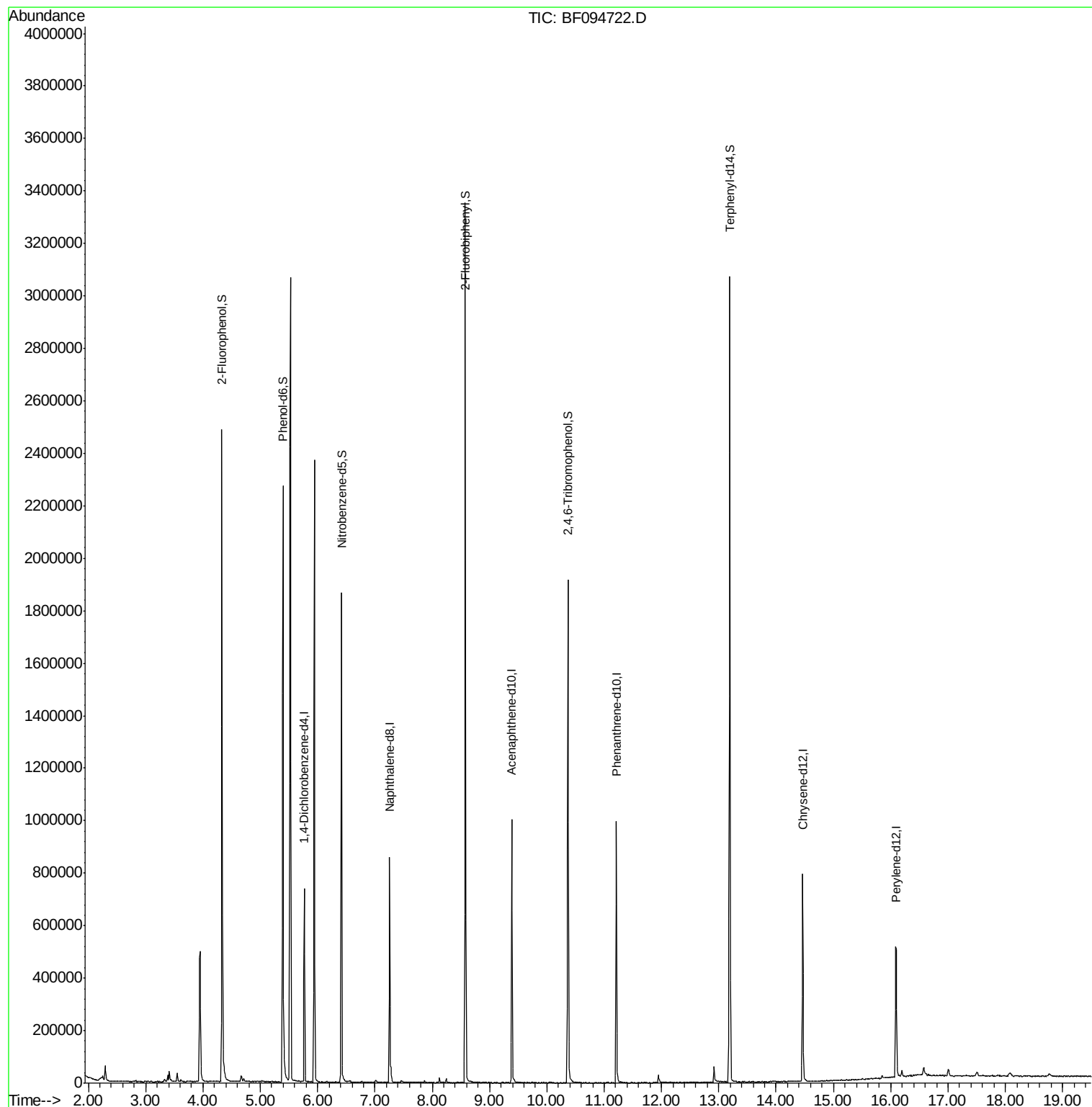
Target Compounds Qvalue

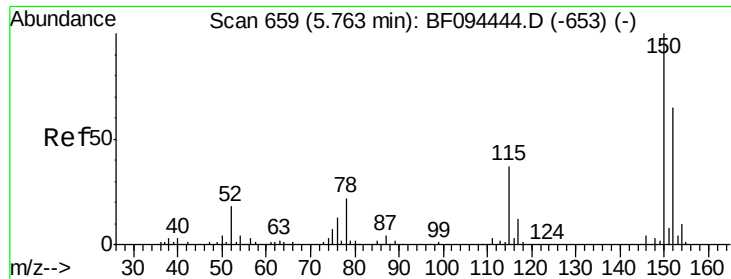
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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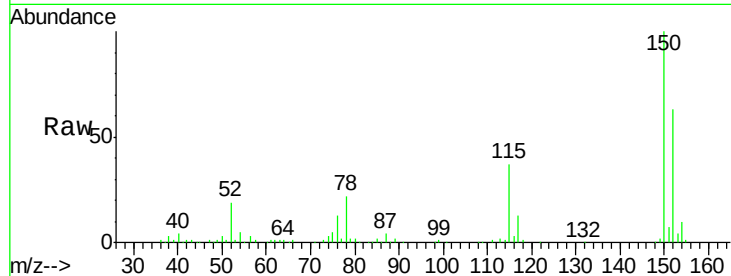


#1

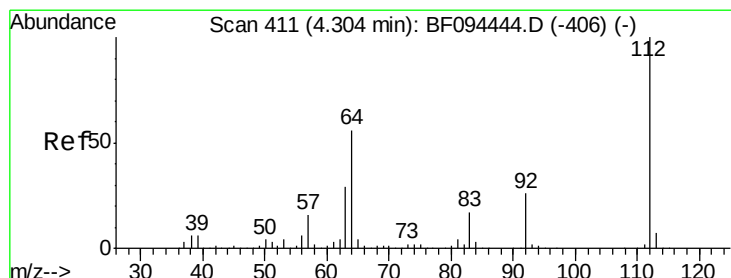
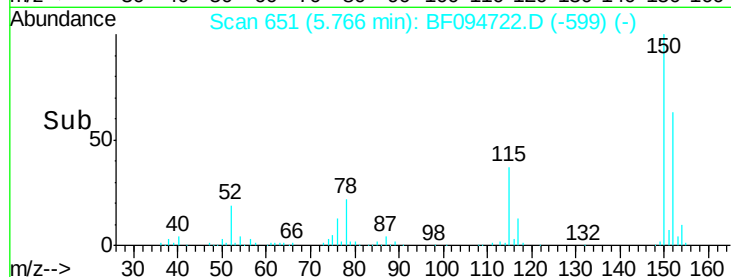
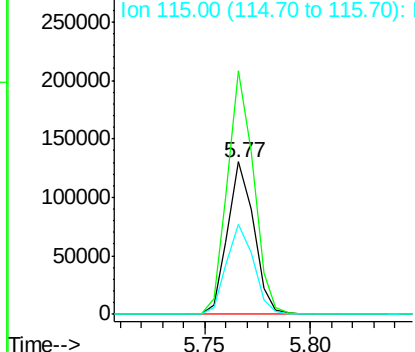
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP(0-4.0)

Tot Ion:152 Resp: 112547
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 59.0 52.2 78.2



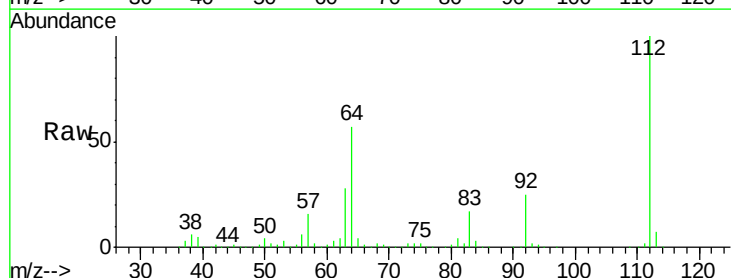
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



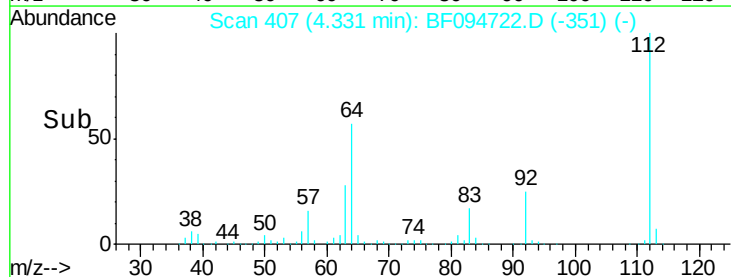
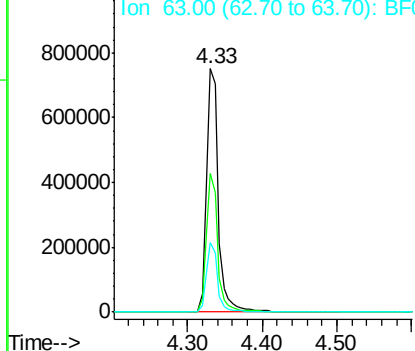
#5

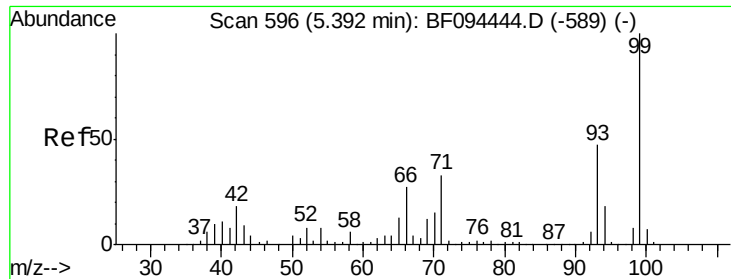
2-Fluorophenol
Concen: 122.53 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Tgt Ion:112 Resp: 831245
Ion Ratio Lower Upper
112 100
64 56.9 46.0 69.0
63 28.4 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: 119.81 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094722.D

Acq: 30 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(0-4.0)

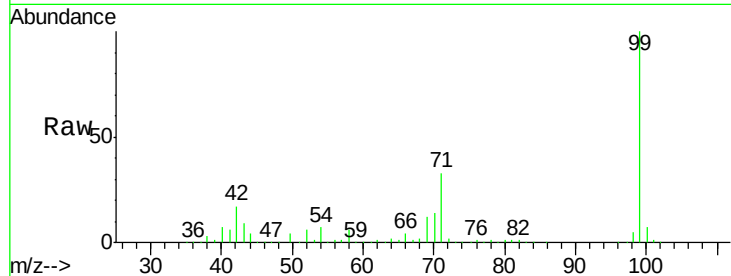
Tot Ion: 99 Resp: 958147

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

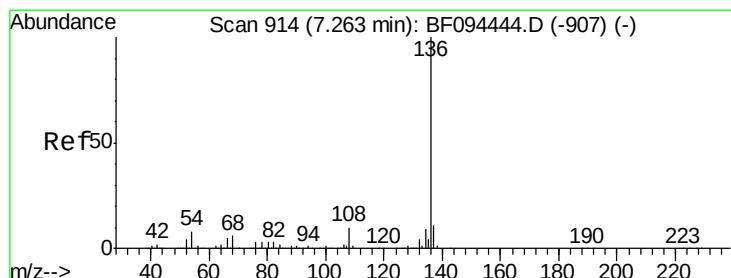
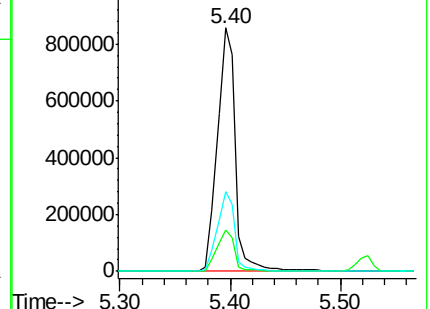
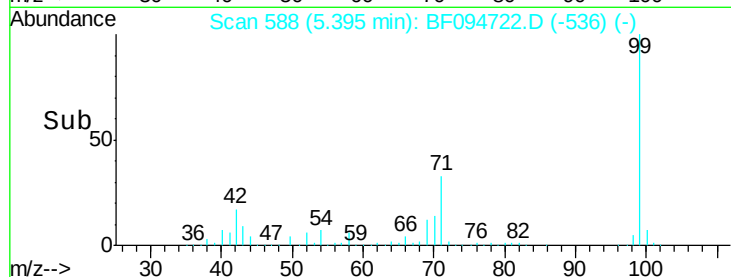
71 32.6 24.5 36.7



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# 905

Delta R.T. -0.00 min

Lab File: BF094722.D

Acq: 30 Apr 2017 18:42

Tgt Ion: 136 Resp: 452989

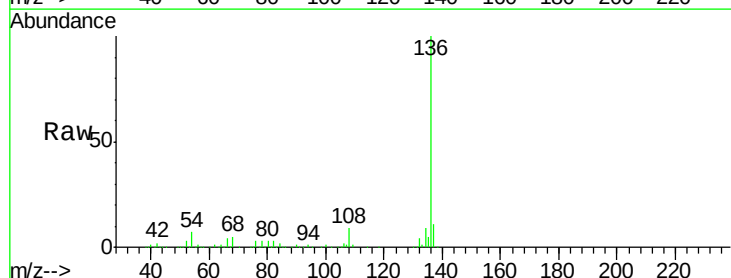
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

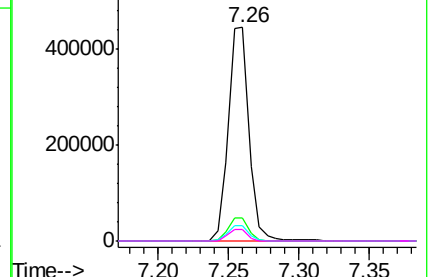
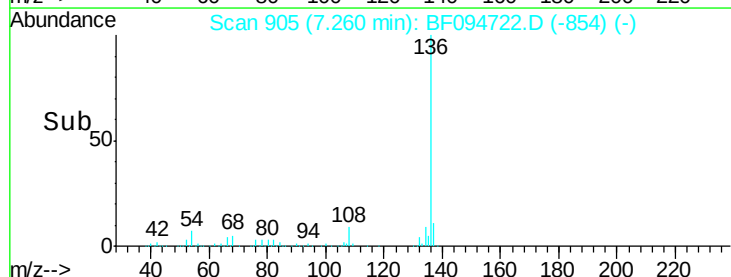


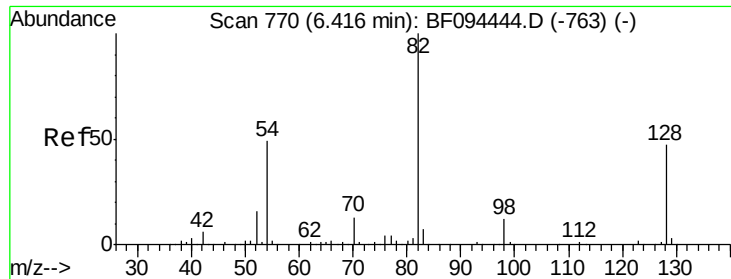
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.91 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094722.D

Acq: 30 Apr 2017 18:42

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP(0-4.0)

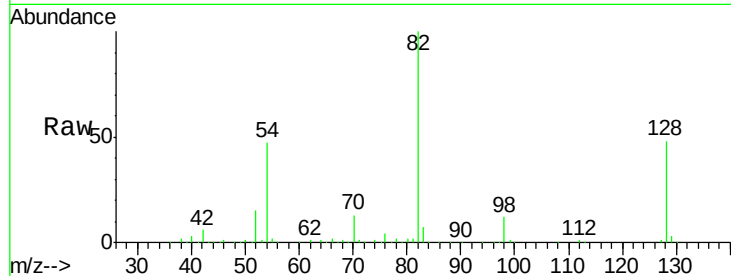
Tot Ion: 82 Resp: 652252

Ion Ratio Lower Upper

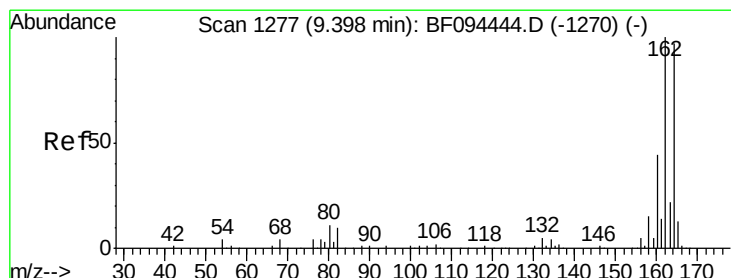
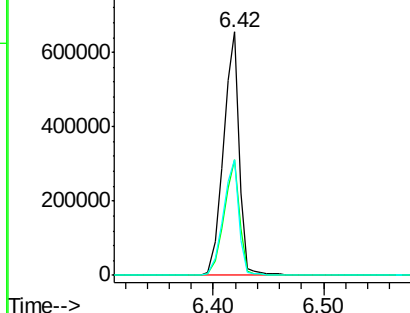
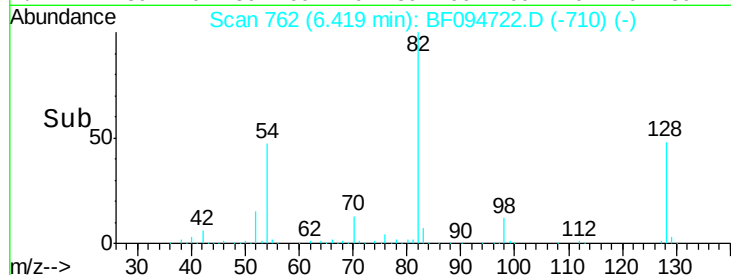
82 100

128 47.7 34.0 51.0

54 47.5 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# 1267

Delta R.T. -0.01 min

Lab File: BF094722.D

Acq: 30 Apr 2017 18:42

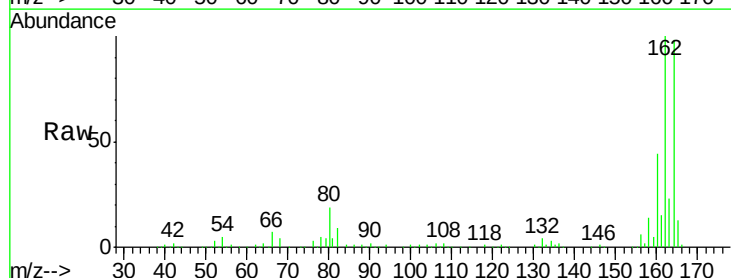
Tgt Ion:164 Resp: 217176

Ion Ratio Lower Upper

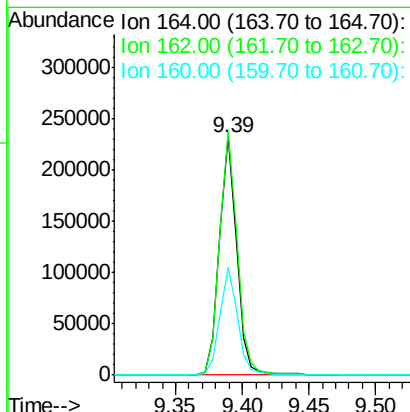
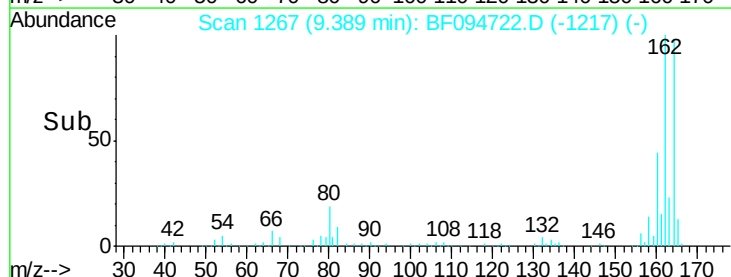
164 100

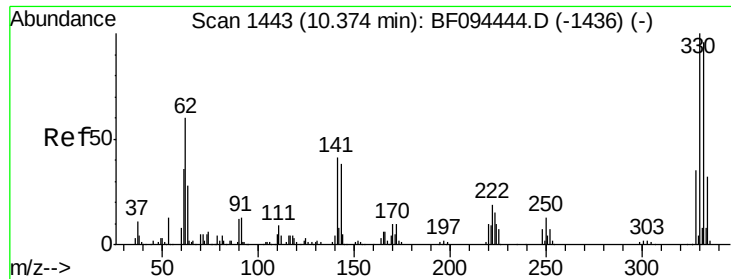
162 102.1 82.6 123.8

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

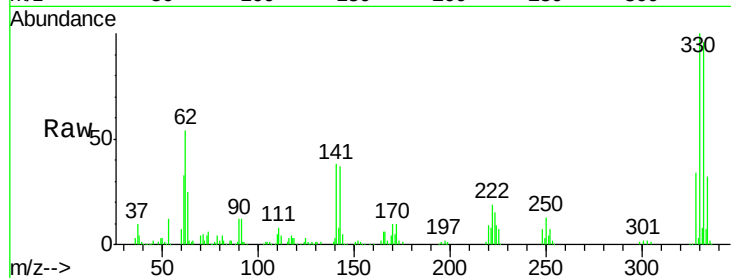




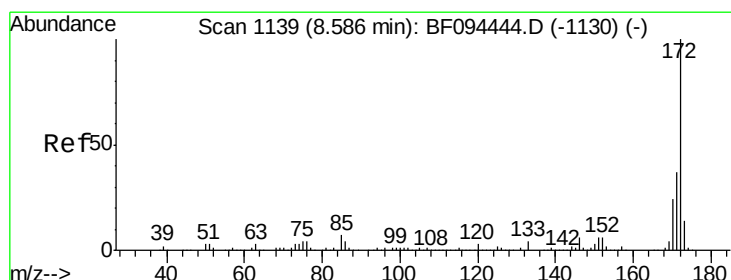
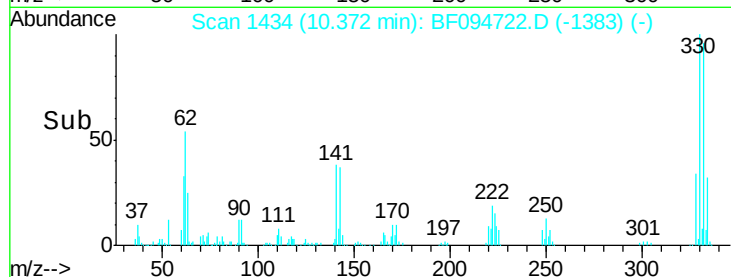
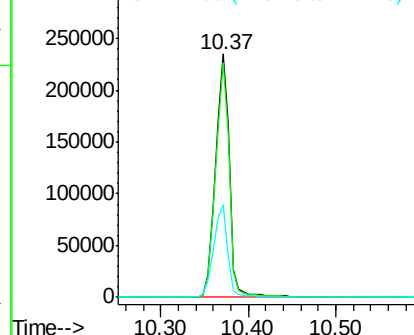
#41
 2,4,6-Tribromophenol
 Concen: 153.79 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(0-4.0)

Tot Ion:330 Resp: 261251
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.1 31.4 47.2

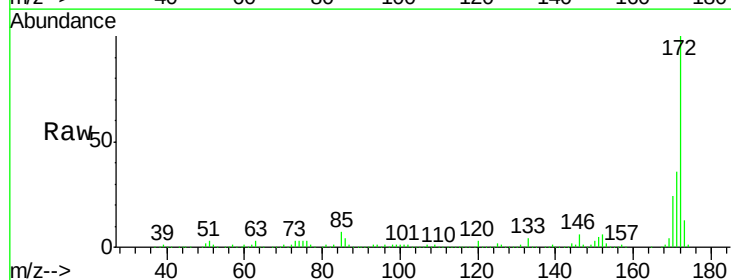


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

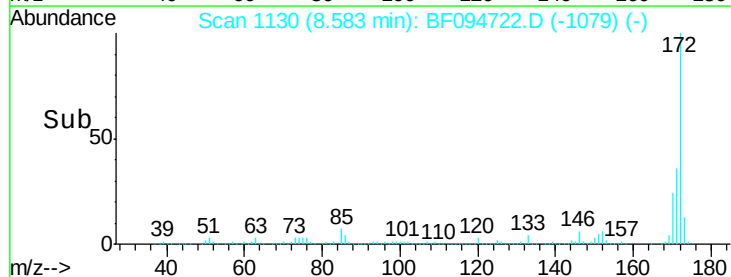
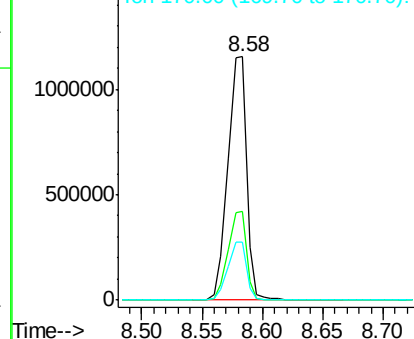


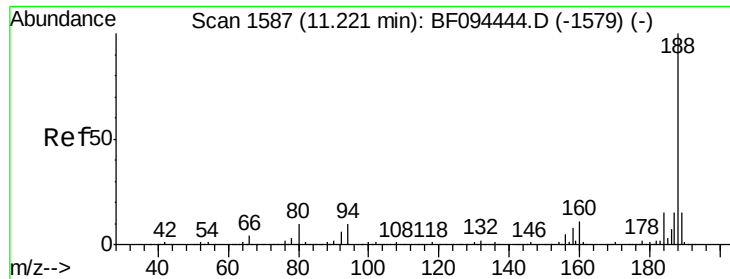
#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Tgt Ion:172 Resp: 1250082
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

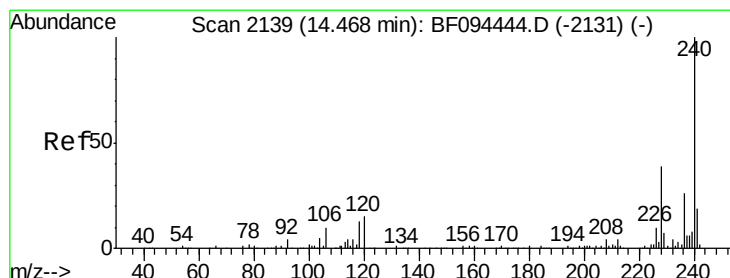
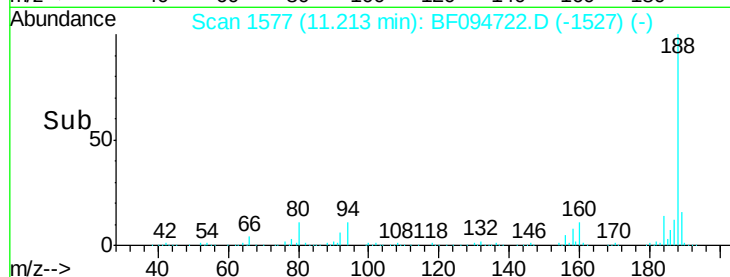
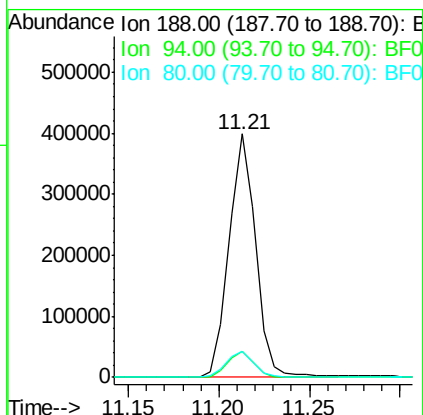
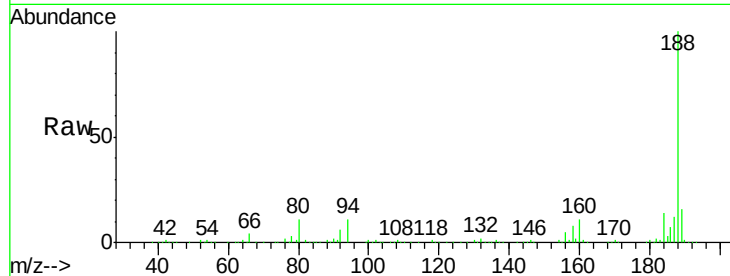




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

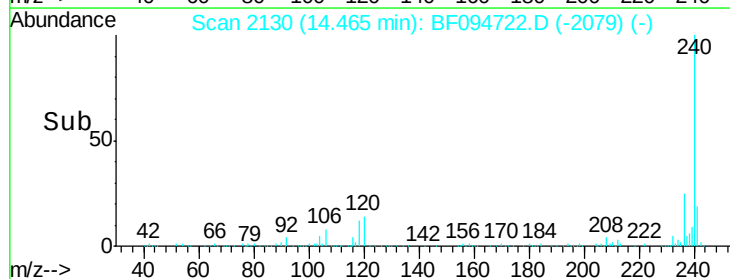
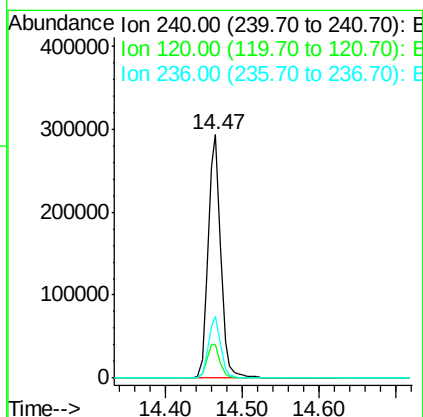
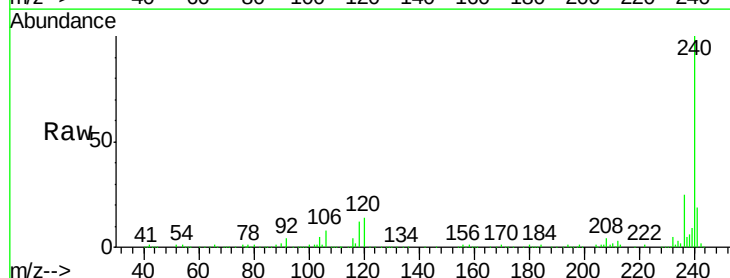
Instrument :
BNA_F
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SB-05-COMP(0-4.0)

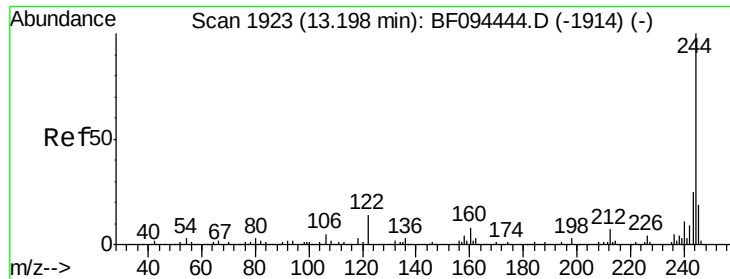
Tot Ion:188 Resp: 410342
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094722.D
Acq: 30 Apr 2017 18:42

Tgt Ion:240 Resp: 328298
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.4 20.5 30.7

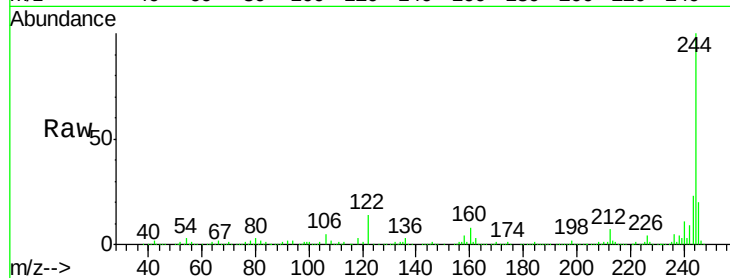




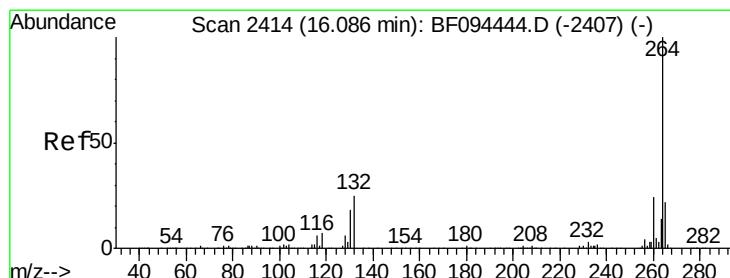
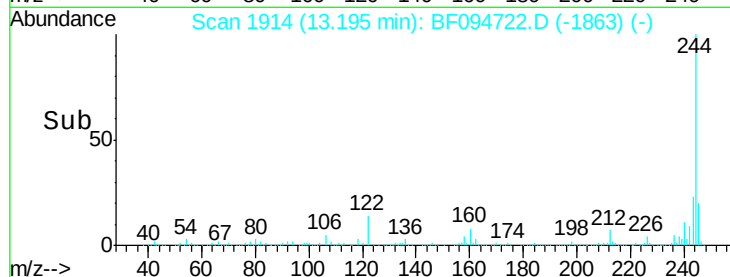
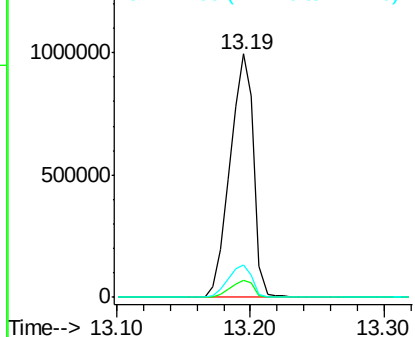
#78
 Terphenyl-d14
 Concen: 100.39 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP(0-4.0)

Tot Ion:244 Resp: 1232982
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.6 10.3 15.5

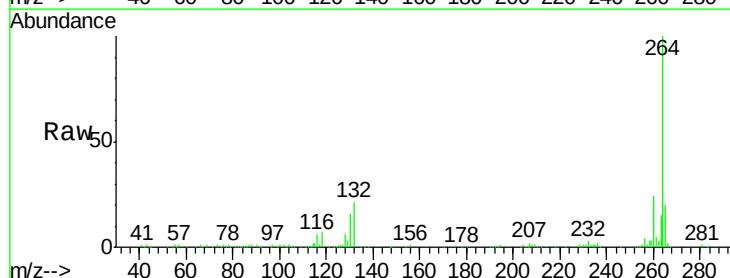


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094722.D
 Acq: 30 Apr 2017 18:42

Tgt Ion:264 Resp: 221320
 Ion Ratio Lower Upper
 264 100
 260 23.9 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

