

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094724.D
 Acq On : 30 Apr 2017 19:37
 Operator : SJ/MA
 Sample : I2895-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP(0-5.5)

Quant Time: May 01 03:48:12 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	107888	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	434600	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	208240	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	398710	20.00	ng	0.00
75) Chrysene-d12	14.47	240	309584	20.00	ng	0.00
86) Perylene-d12	16.09	264	212193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	821869	126.38	ng	0.03
7) Phenol-d6	5.40	99	961923	125.47	ng	0.00
23) Nitrobenzene-d5	6.42	82	645264	91.68	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	256211	157.30	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1245597	88.01	ng	0.00
78) Terphenyl-d14	13.19	244	1223978	105.68	ng	0.00

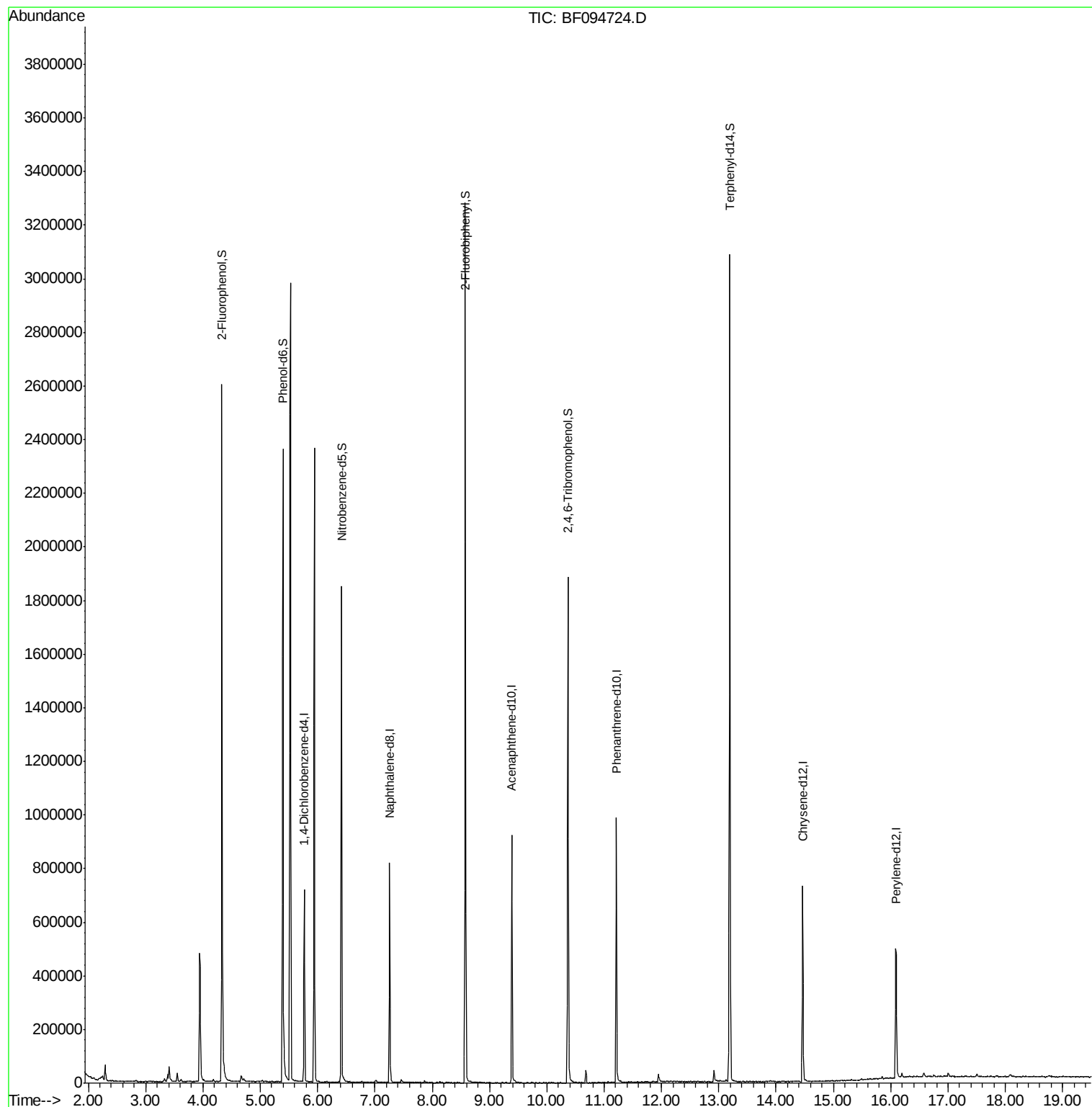
Target Compounds Qvalue

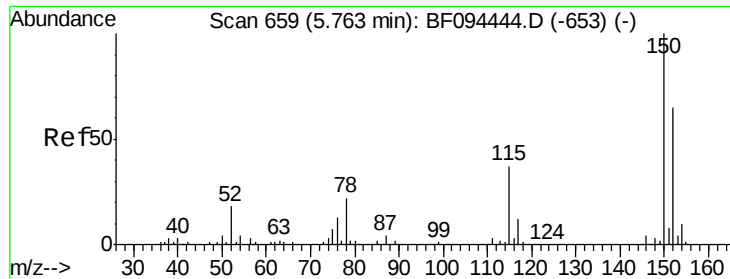
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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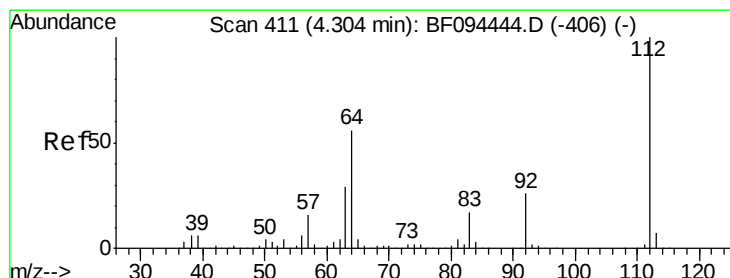
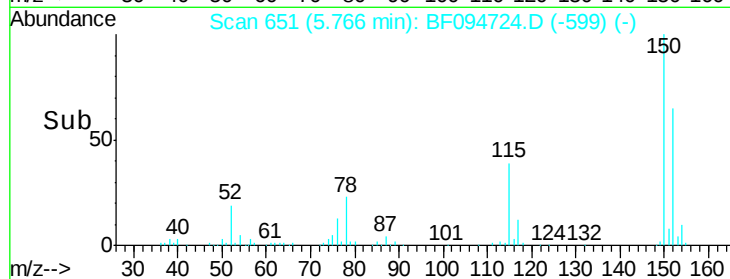
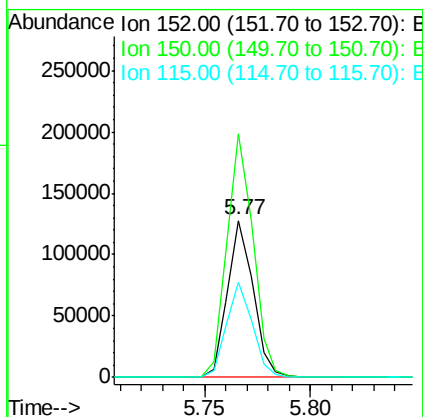
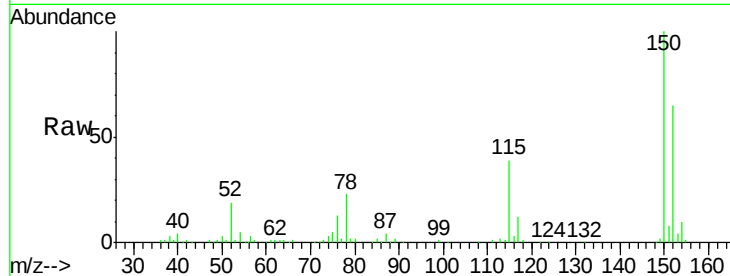


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP(0-5.5)

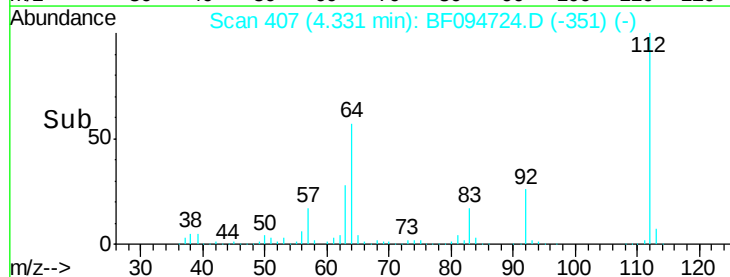
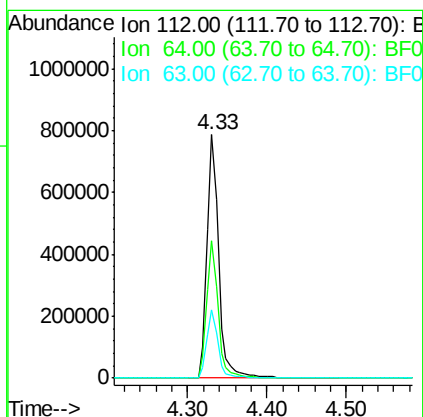
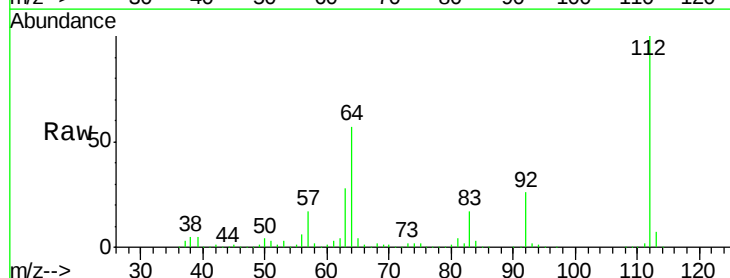
Tot Ion:152 Resp: 107888
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 60.9 52.2 78.2

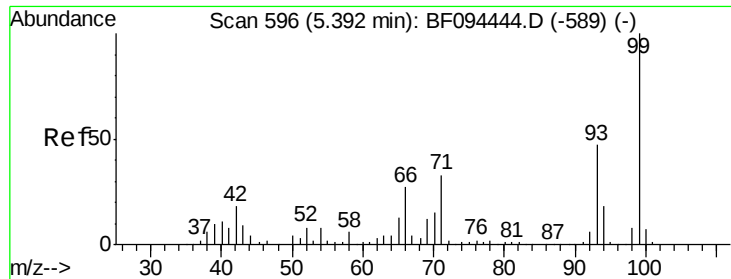


#5

2-Fluorophenol
Concen: 126.38 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

Tgt Ion:112 Resp: 821869
Ion Ratio Lower Upper
112 100
64 56.6 46.0 69.0
63 28.1 23.4 35.0





#7

Phenol-d6

Concen: 125.47 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094724.D

Acq: 30 Apr 2017 19:37

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP(0-5.5)

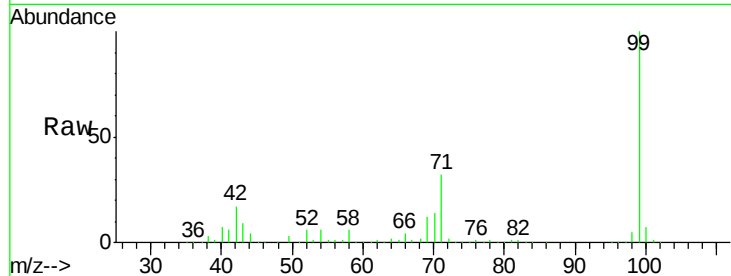
Tot Ion: 99 Resp: 961923

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

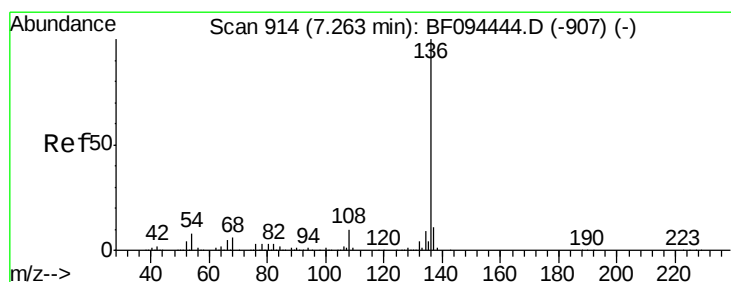
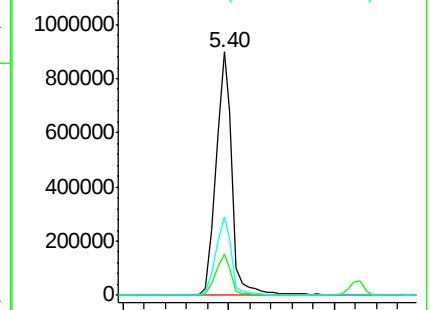
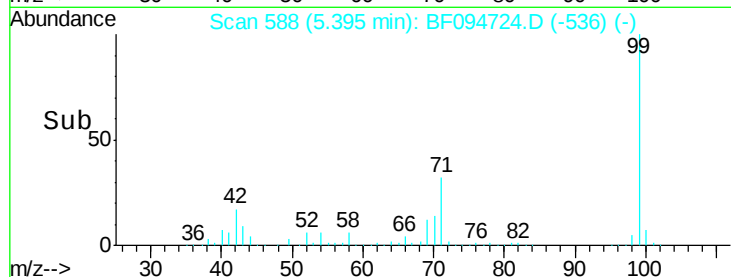
71 32.5 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094724.D

Acq: 30 Apr 2017 19:37

Tgt Ion: 136 Resp: 434600

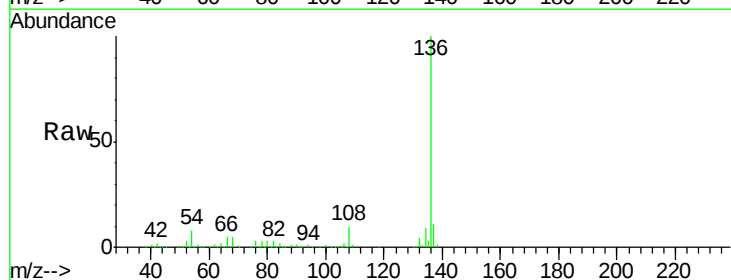
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 5.4 4.1 6.1

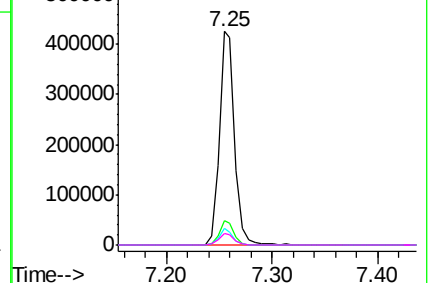
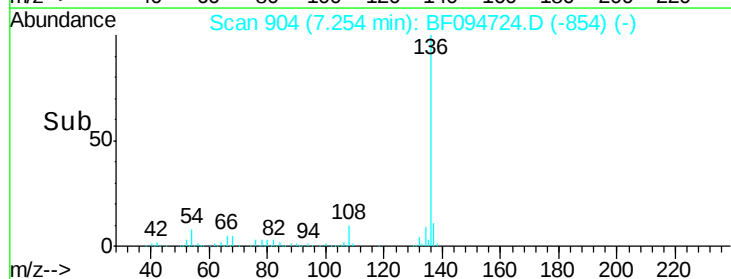


Abundance Ion 136.00 (135.70 to 136.70): E

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

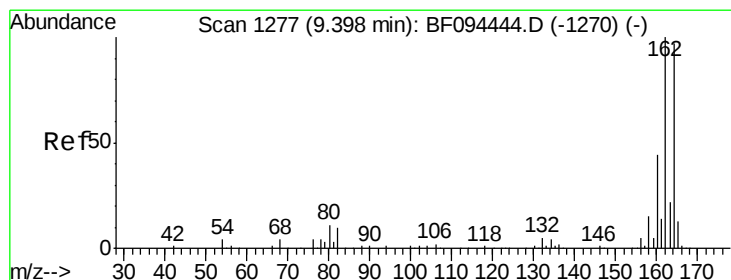
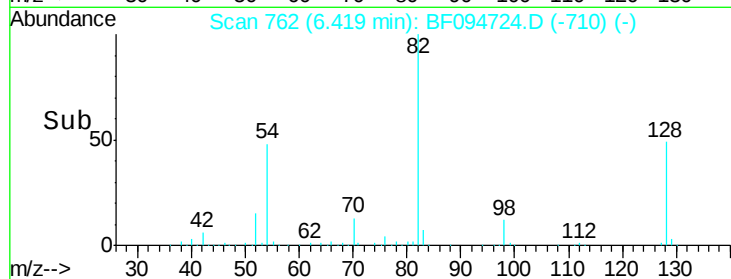
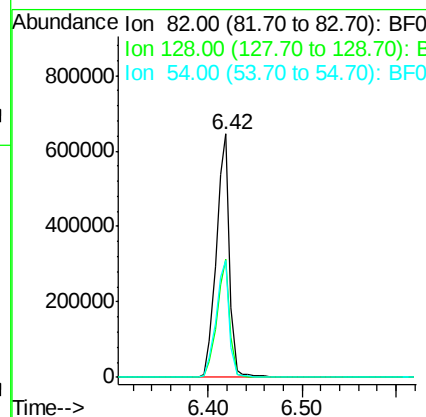
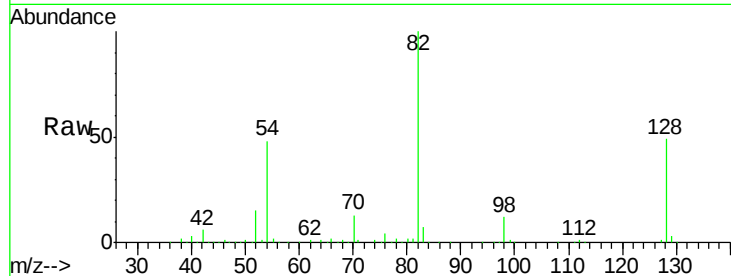




#23
 Nitrobenzene-d5
 Concen: 91.68 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

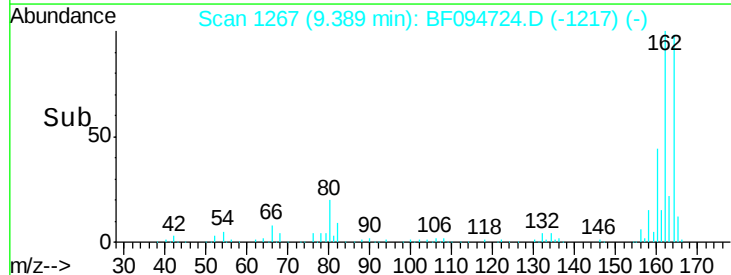
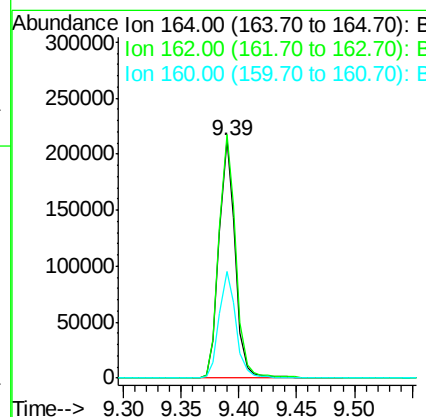
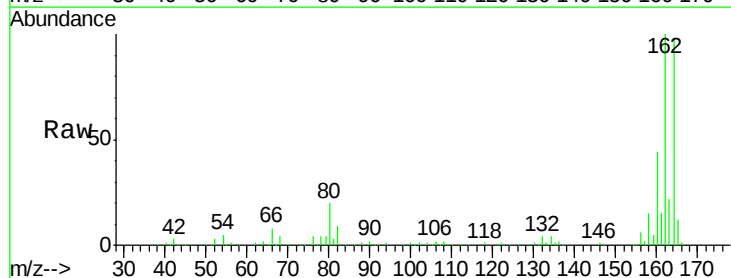
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP(0-5.5)

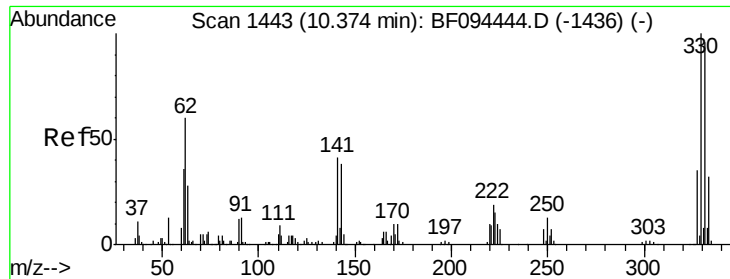
Tot Ion: 82 Resp: 645264
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 47.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Tgt Ion:164 Resp: 208240
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 44.7 36.2 54.2

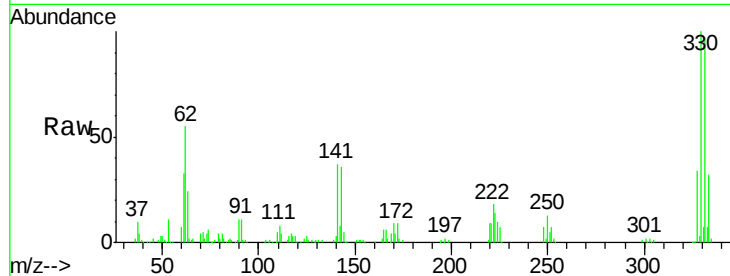




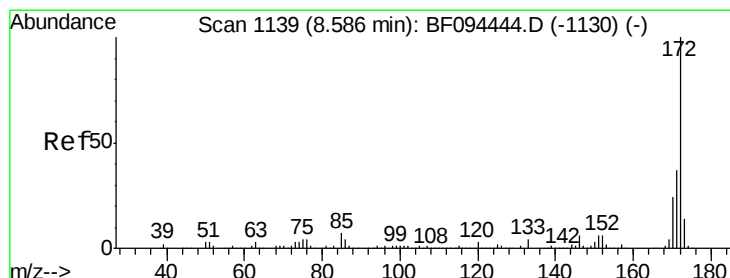
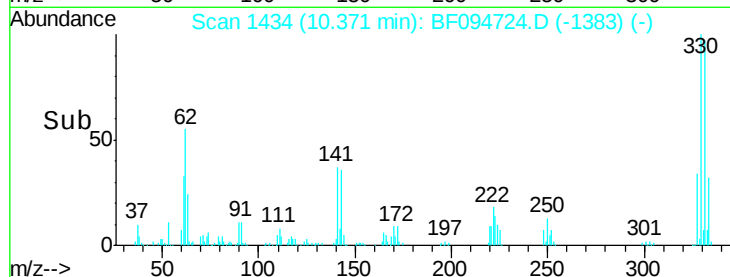
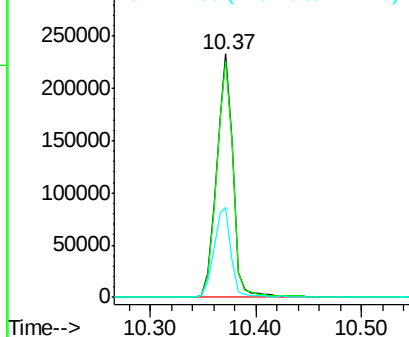
#41
 2,4,6-Tribromophenol
 Concen: 157.30 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP(0-5.5)

Tot Ion:330 Resp: 256211
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.2 31.4 47.2

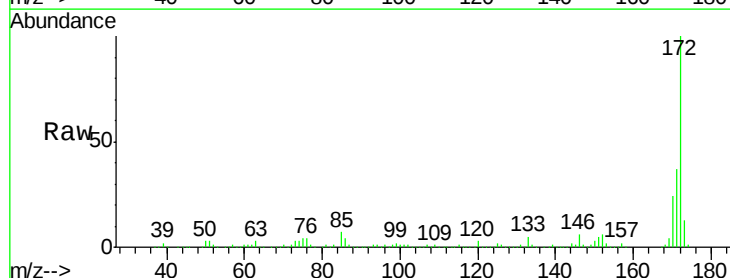


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

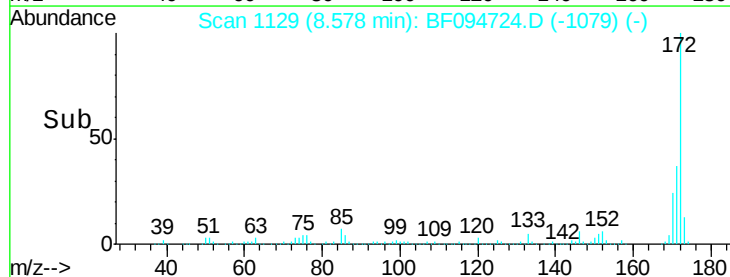
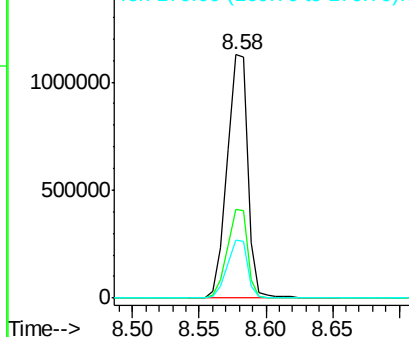


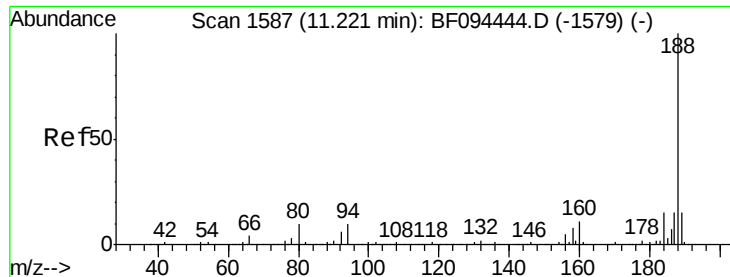
#44
 2-Fluorobiphenyl
 Concen: 88.01 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Tgt Ion:172 Resp: 1245597
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

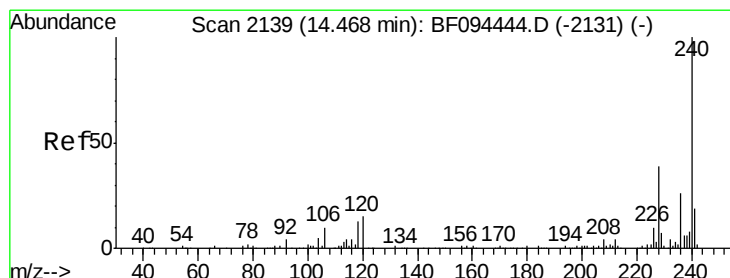
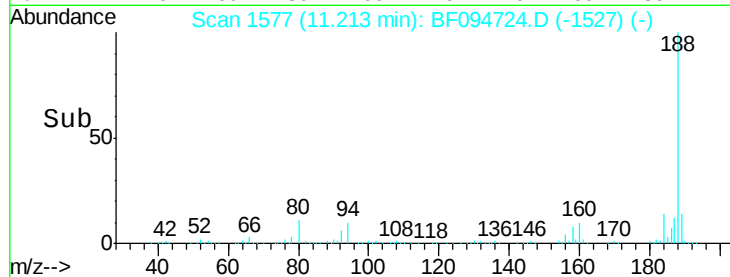
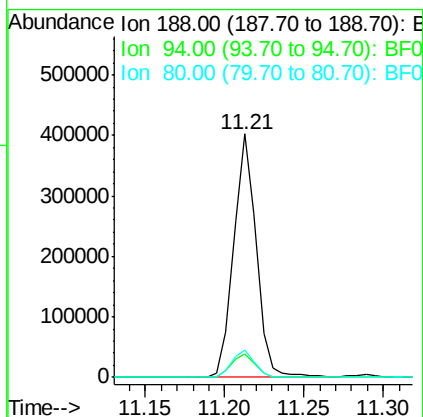
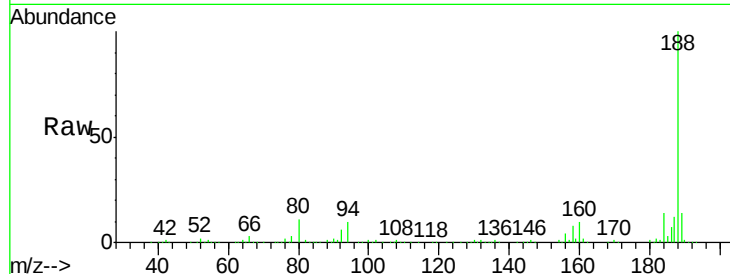




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

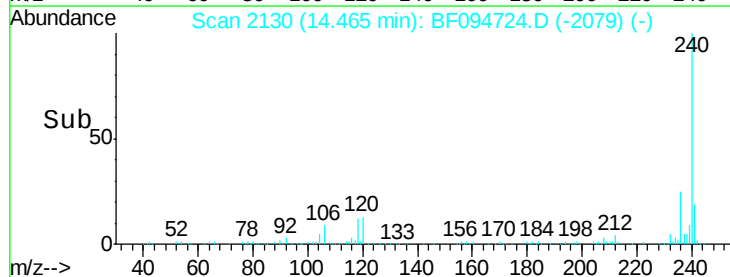
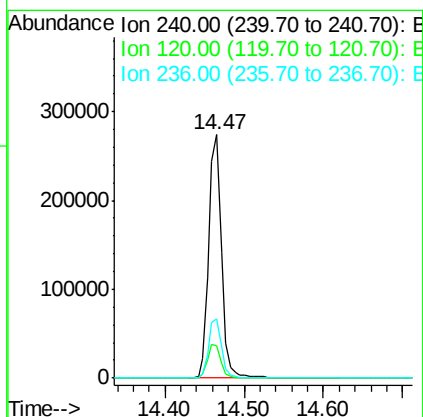
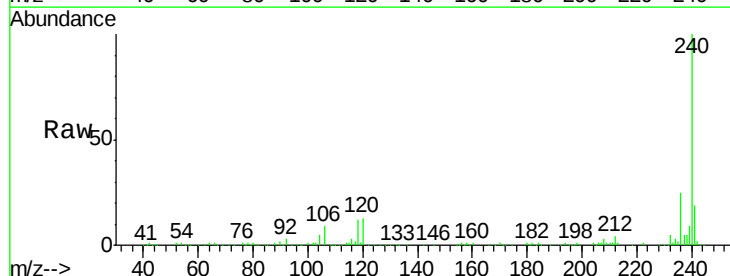
Instrument :
BNA_F
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SB-07-COMP(0-5.5)

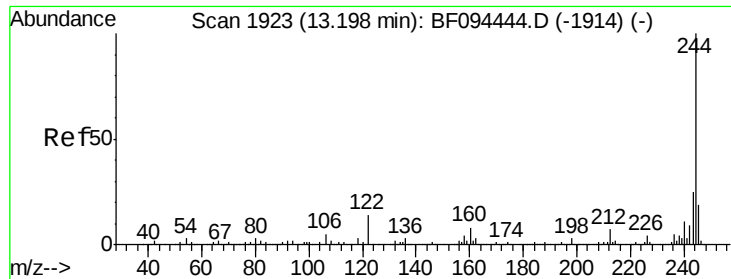
Tot Ion:188 Resp: 398710
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094724.D
Acq: 30 Apr 2017 19:37

Tgt Ion:240 Resp: 309584
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.6 20.5 30.7

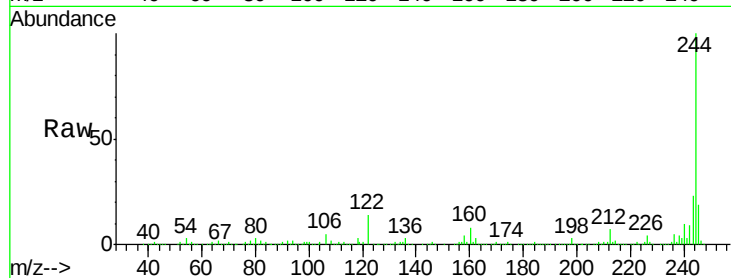




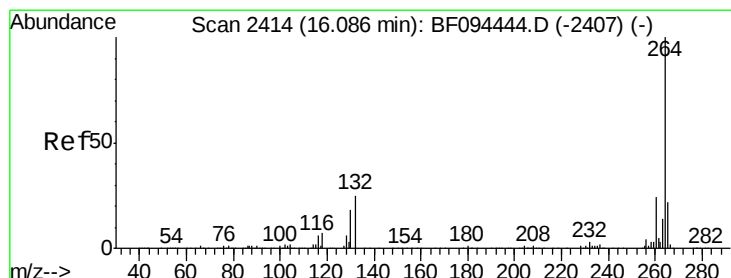
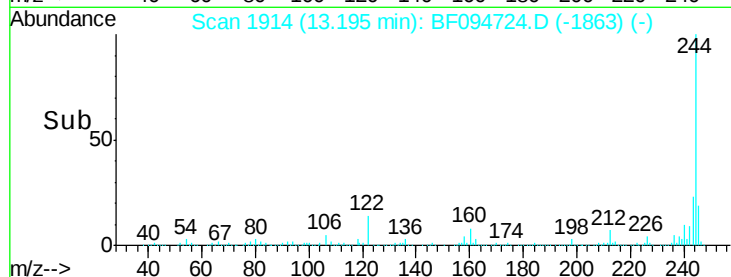
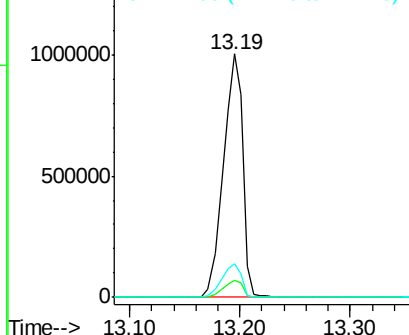
#78
 Terphenyl-d14
 Concen: 105.68 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP(0-5.5)

Tot Ion:244 Resp: 1223978
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.7 10.3 15.5

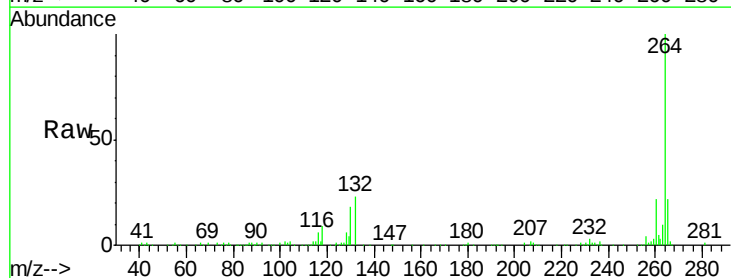


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094724.D
 Acq: 30 Apr 2017 19:37

Tgt Ion:264 Resp: 212193
 Ion Ratio Lower Upper
 264 100
 260 22.4 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

