

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094763.D
 Acq On : 1 May 2017 21:48
 Operator : SJ/MA
 Sample : I2914-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP(0-6.5)

Quant Time: May 02 04:15:41 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	99122	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	378628	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	159351	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	258926	20.00	ng	0.00
75) Chrysene-d12	14.47	240	194498	20.00	ng	0.00
86) Perylene-d12	16.09	264	163130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	749148	125.39	ng	0.03
7) Phenol-d6	5.40	99	852173	120.99	ng	0.00
23) Nitrobenzene-d5	6.41	82	591975	96.54	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	194818	156.30	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1040706	96.09	ng	0.00
78) Terphenyl-d14	13.19	244	749509	103.00	ng	0.00

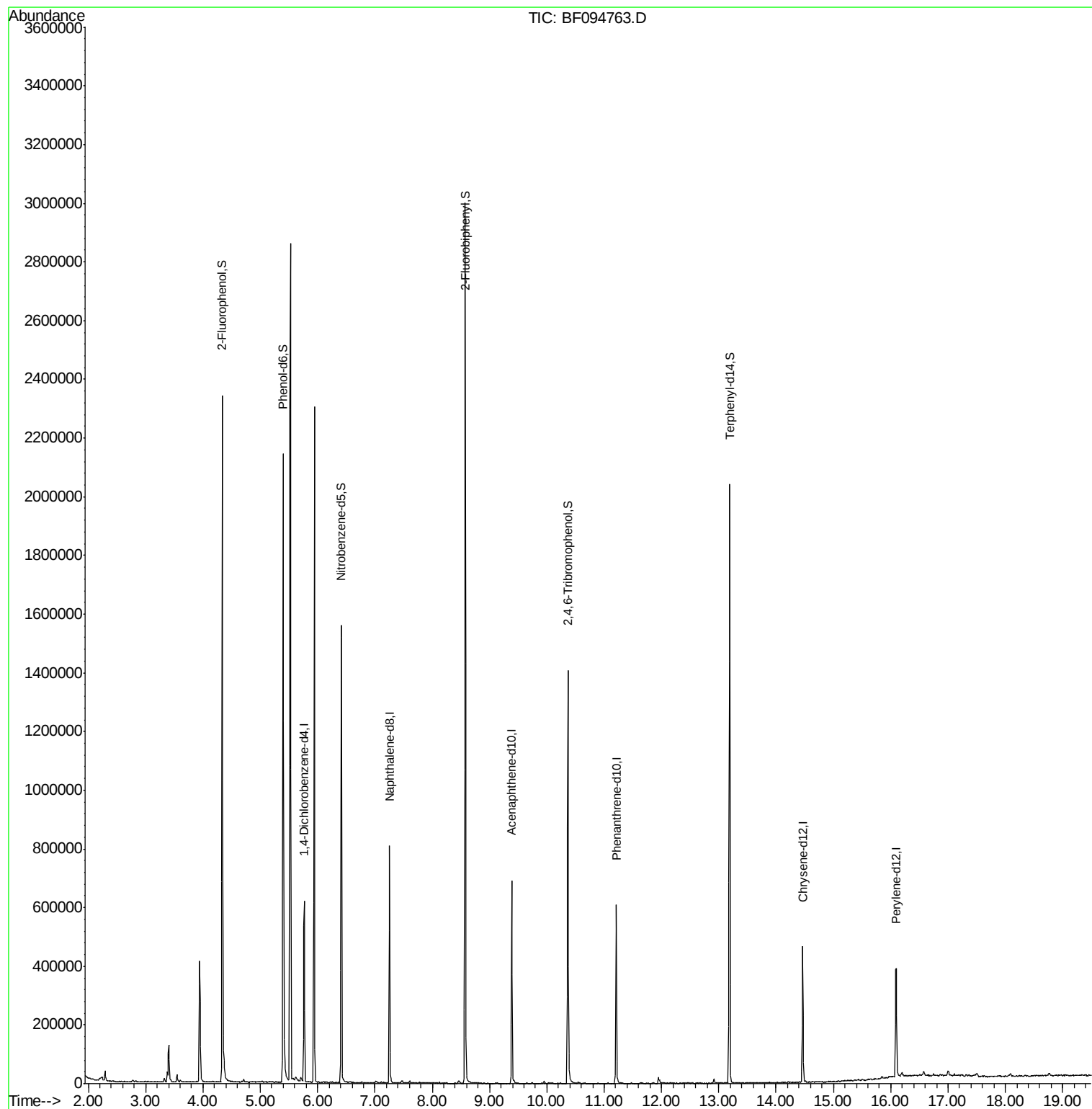
Target Compounds Qvalue

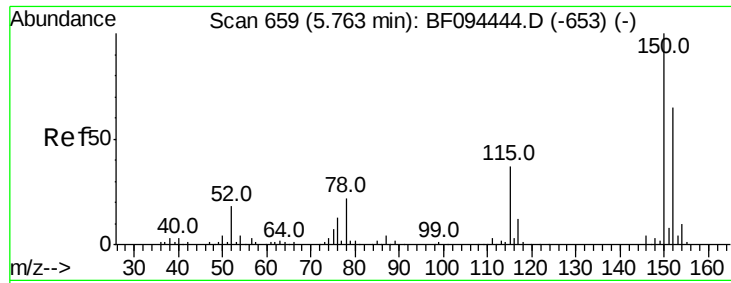
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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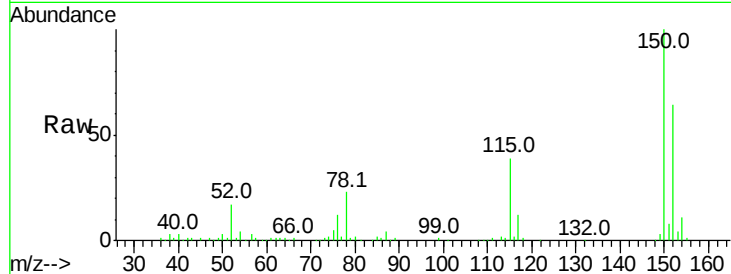


#1

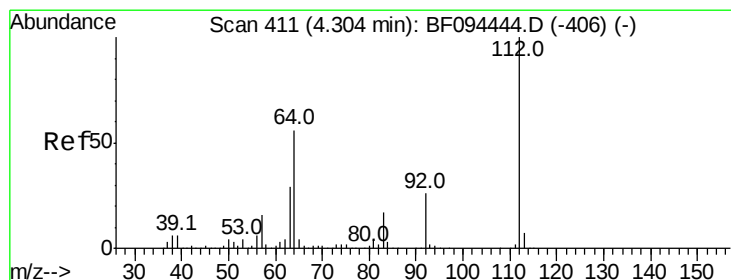
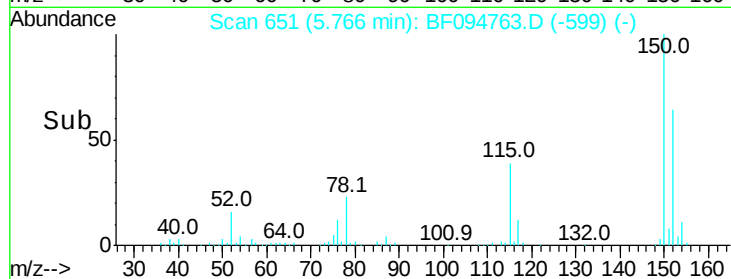
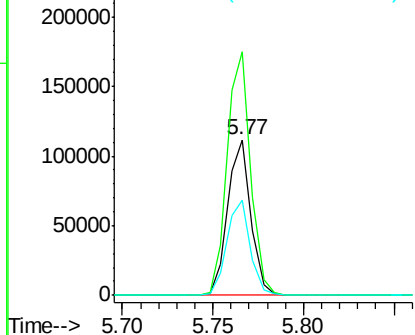
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP(0-6.5)

Tot Ion:152 Resp: 99122
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 61.6 52.2 78.2



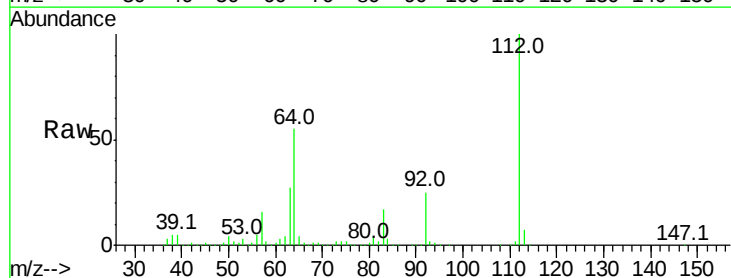
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



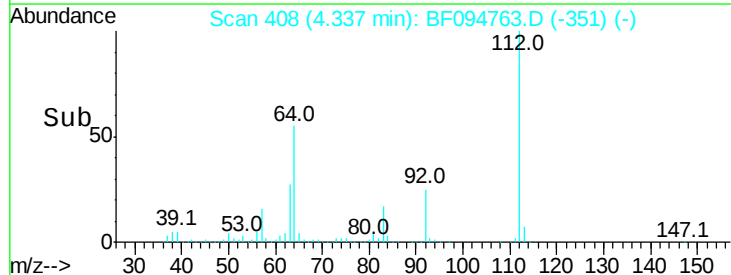
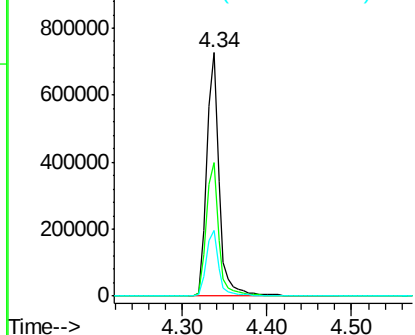
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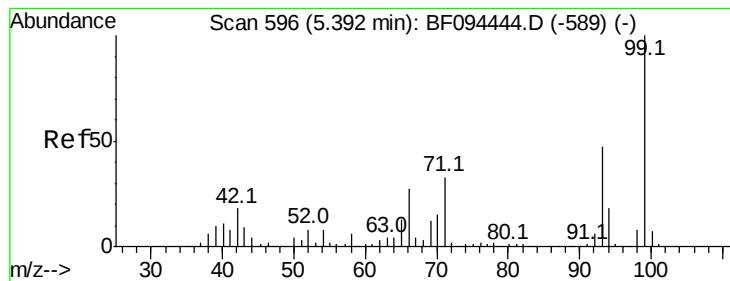
2-Fluorophenol
Concen: 125.39 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

Tgt Ion:112 Resp: 749148
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 27.1 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: 120.99 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094763.D

Acq: 1 May 2017 21:48

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP(0-6.5)

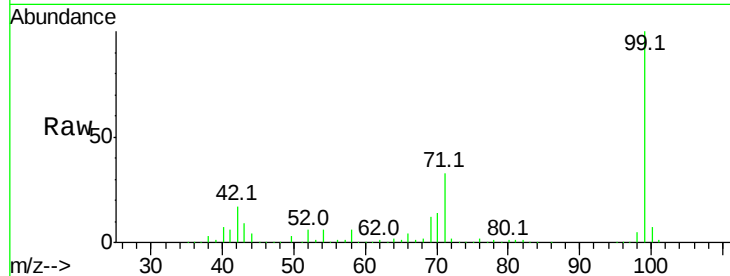
Tot Ion: 99 Resp: 852173

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

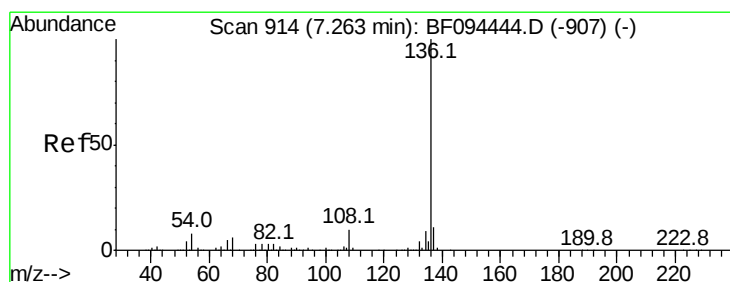
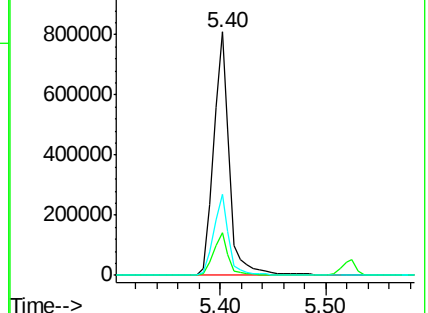
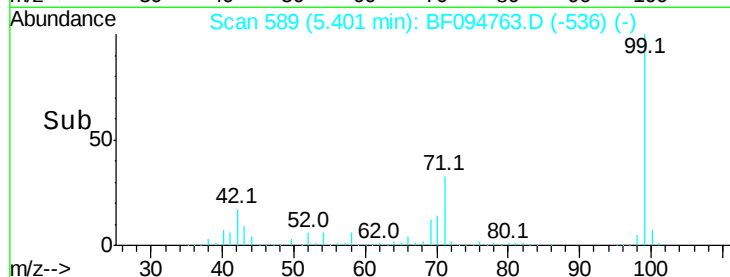
71 33.3 24.5 36.7



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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094763.D

Acq: 1 May 2017 21:48

Tgt Ion: 136 Resp: 378628

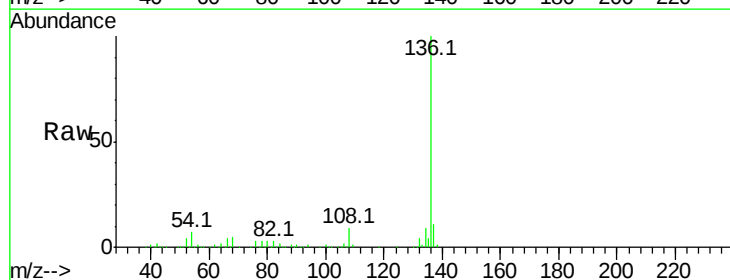
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

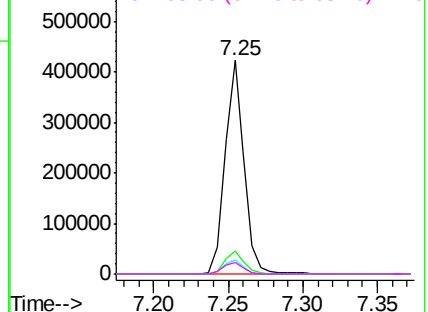
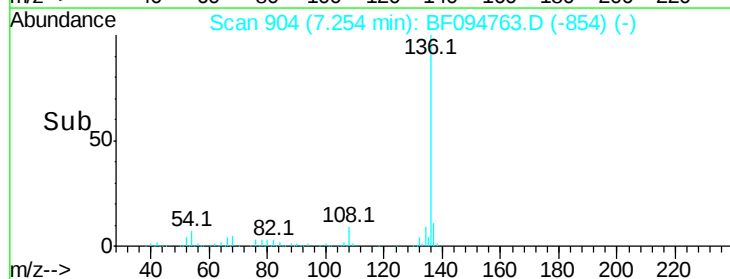


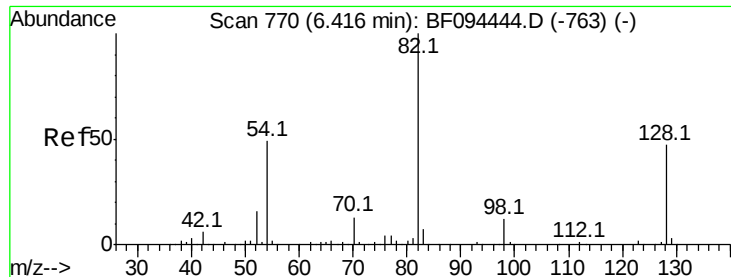
Abundance Ion 136.00 (135.70 to 136.70): E

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

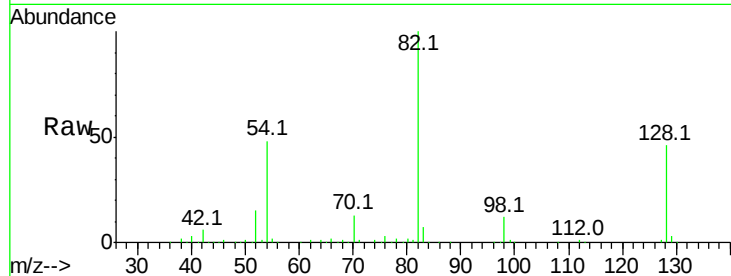




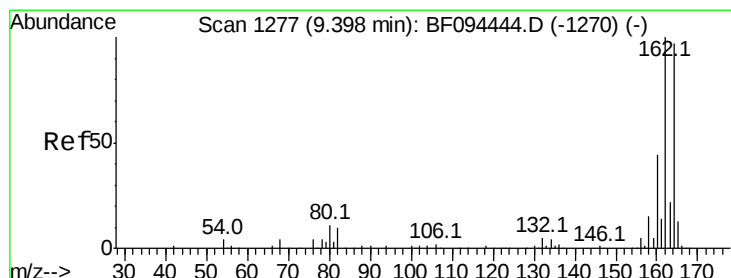
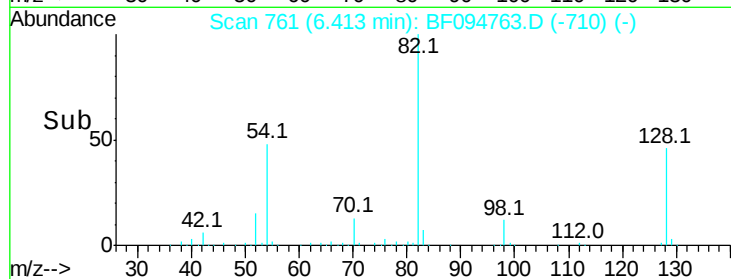
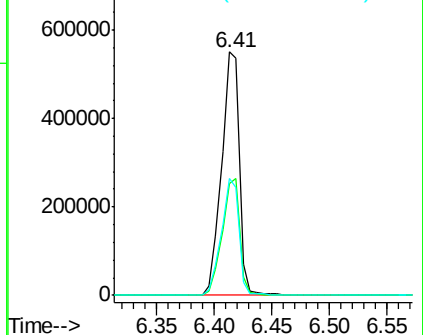
#23
 Nitrobenzene-d5
 Concen: 96.54 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP(0-6.5)

Tot Ion: 82 Resp: 591975
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 48.0 42.2 63.2

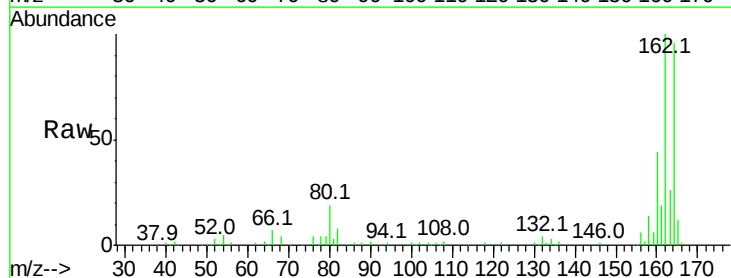


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

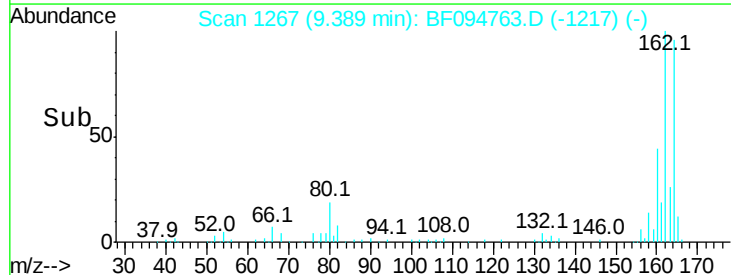
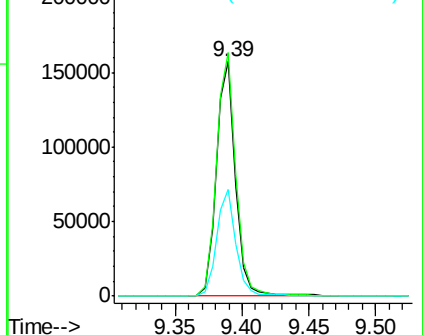


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Tgt Ion:164 Resp: 159351
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.4 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

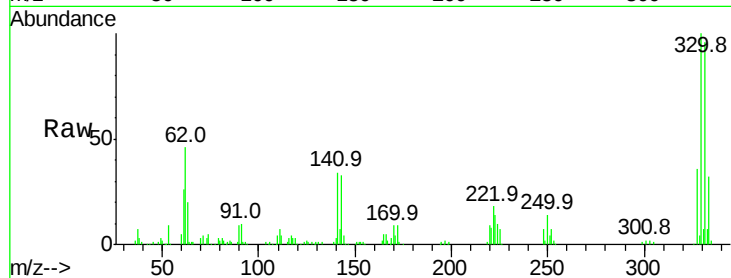




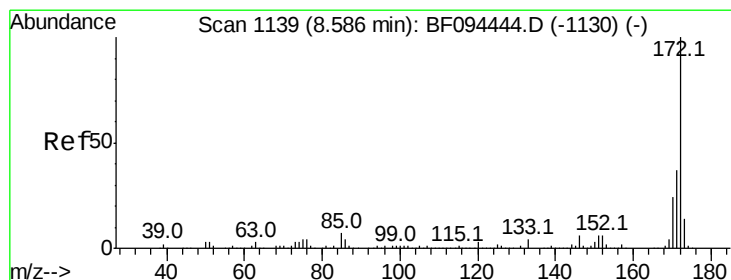
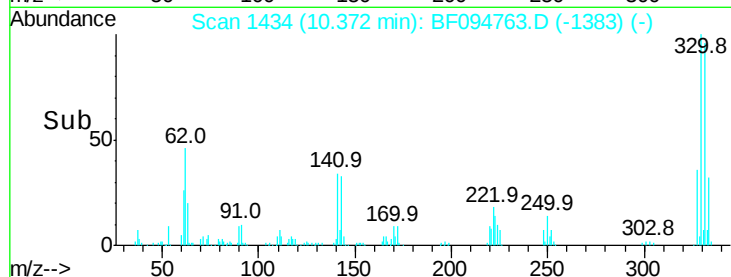
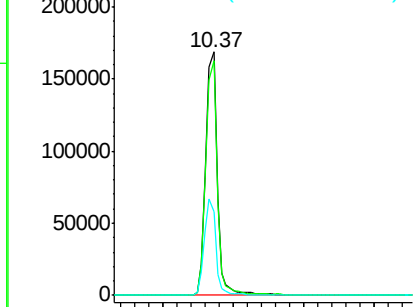
#41
 2,4,6-Tribromophenol
 Concen: 156.30 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP(0-6.5)

Tot Ion:330 Resp: 194818
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.3 31.4 47.2

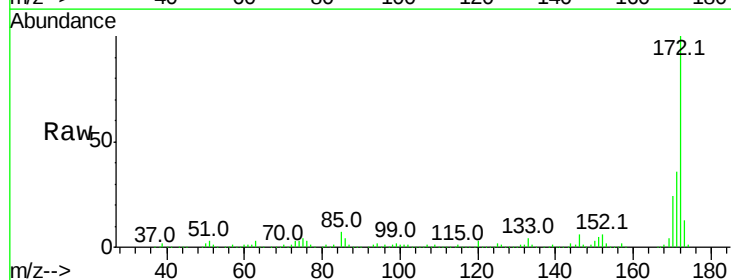


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

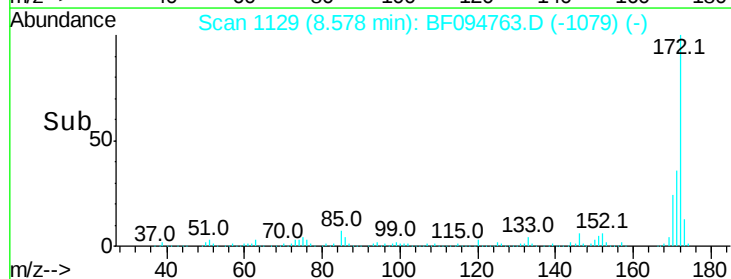
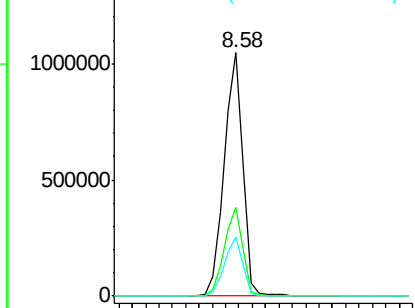


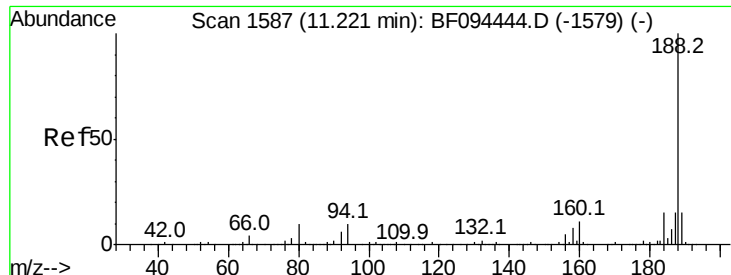
#44
 2-Fluorobiphenyl
 Concen: 96.09 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094763.D
 Acq: 1 May 2017 21:48

Tgt Ion:172 Resp: 1040706
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.1 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

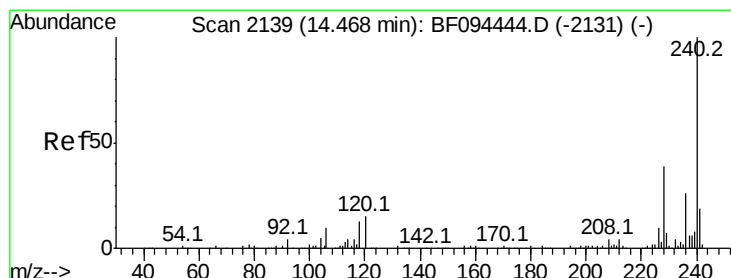
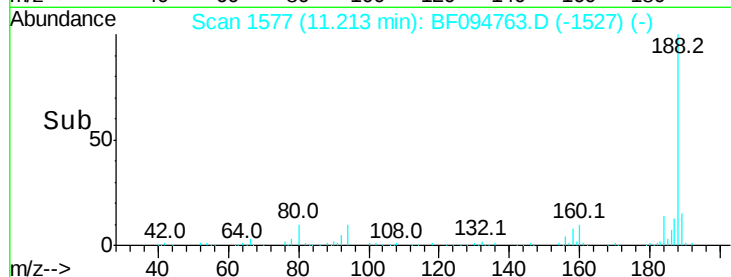
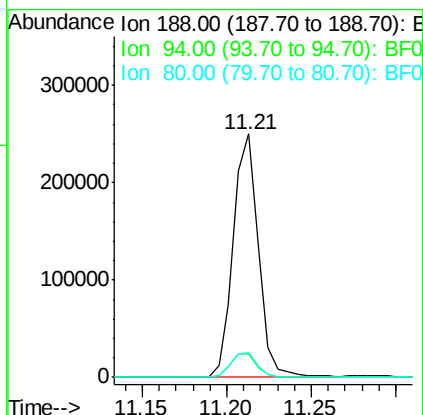
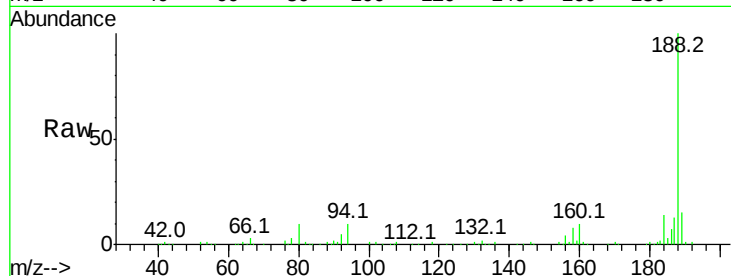




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

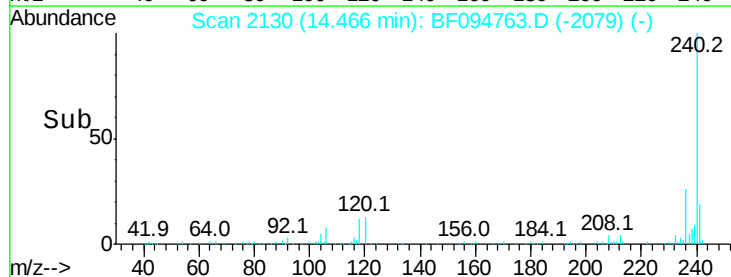
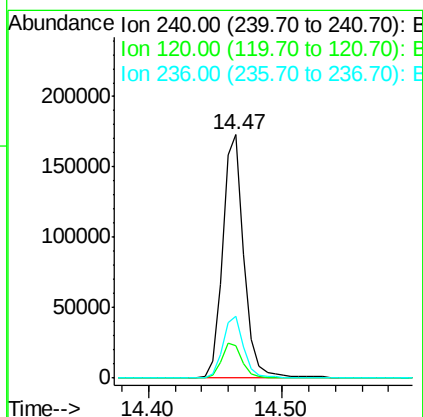
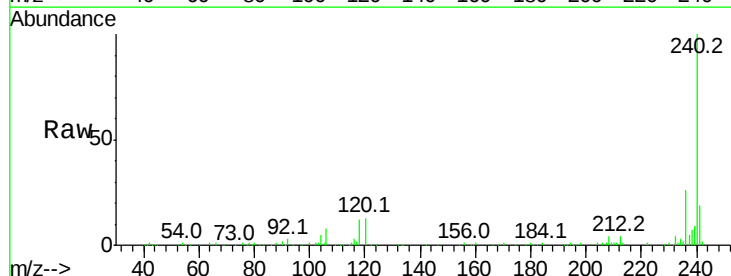
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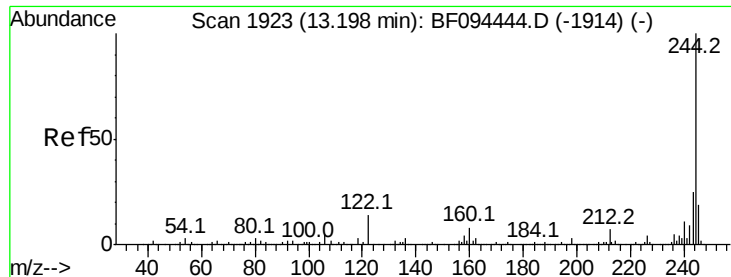
Tot Ion:188 Resp: 258926
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.9 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094763.D
Acq: 1 May 2017 21:48

Tgt Ion:240 Resp: 194498
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 103.00 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094763.D

Acq: 1 May 2017 21:48

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP(0-6.5)

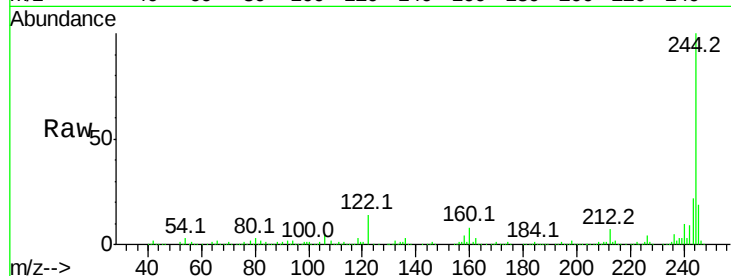
Tot Ion:244 Resp: 749509

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

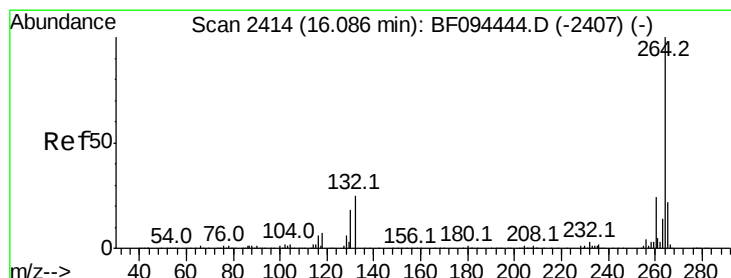
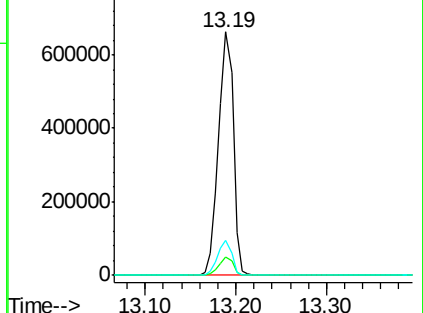
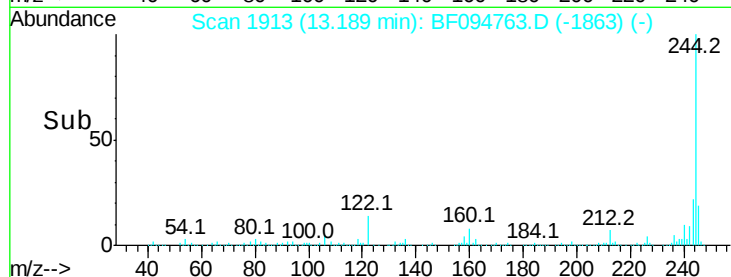
122 14.5 10.3 15.5



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: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094763.D

Acq: 1 May 2017 21:48

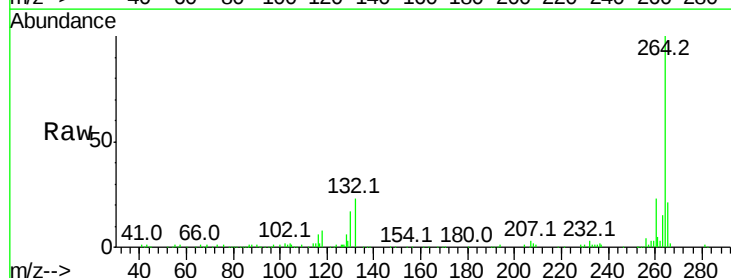
Tgt Ion:264 Resp: 163130

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.4 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

