

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094726.D
 Acq On : 30 Apr 2017 20:31
 Operator : SJ/MA
 Sample : I2895-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP(0-2.0)

Quant Time: May 01 03:51:05 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

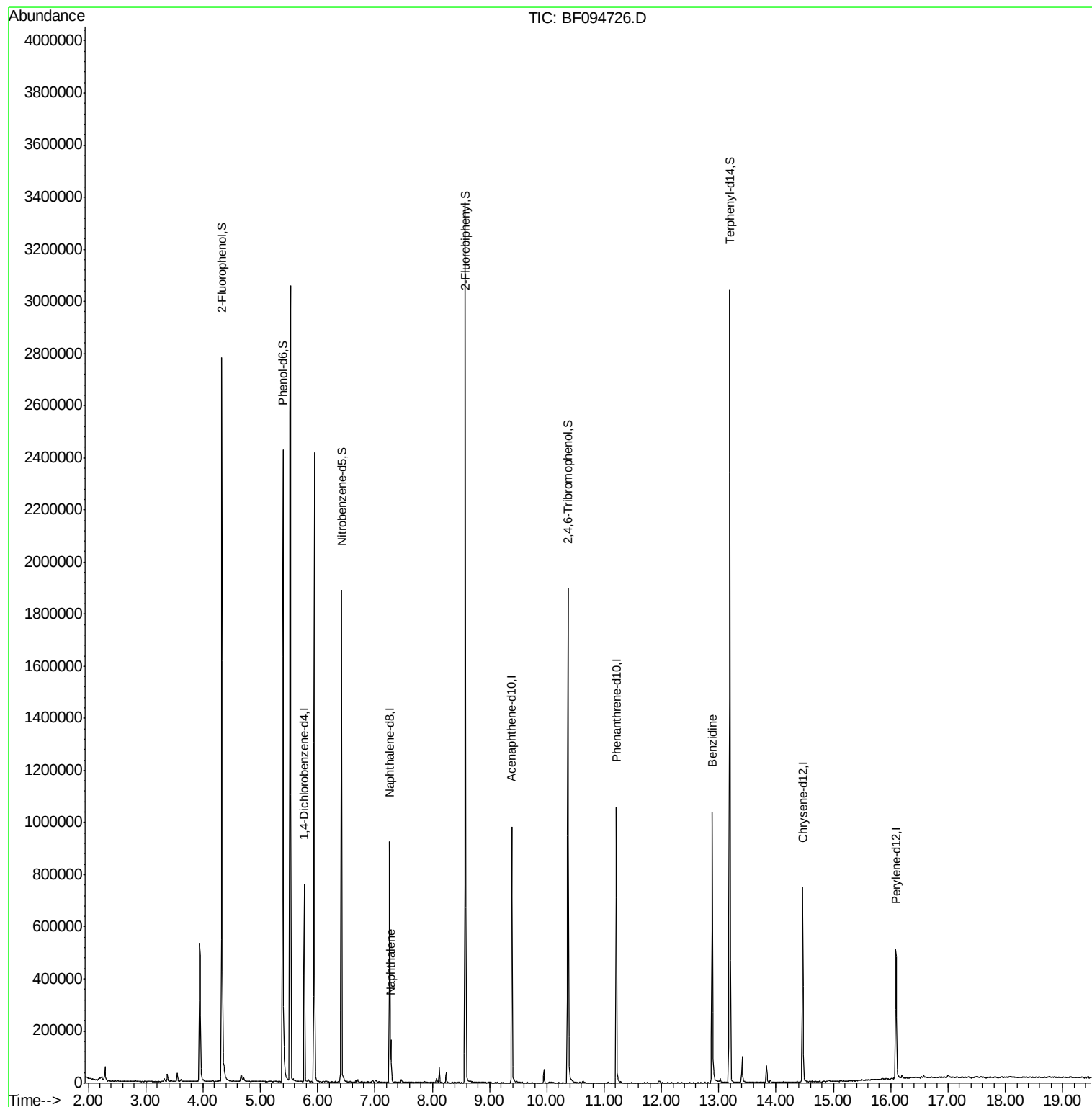
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	115281	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	466570	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	223978	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	423964	20.00	ng	0.00
75) Chrysene-d12	14.47	240	323936	20.00	ng	0.00
86) Perylene-d12	16.09	264	218904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	852259	122.65	ng	0.03
7) Phenol-d6	5.40	99	990551	120.92	ng	0.00
23) Nitrobenzene-d5	6.42	82	675028	89.34	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	265003	151.26	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1299631	85.37	ng	0.00
78) Terphenyl-d14	13.19	244	1253281	103.41	ng	0.00
Target Compounds						
31) Naphthalene	7.28	128	74813	3.34	ng	Qvalue 98
76) Benzidine	12.88	184	481161	36.68	ng	# 92

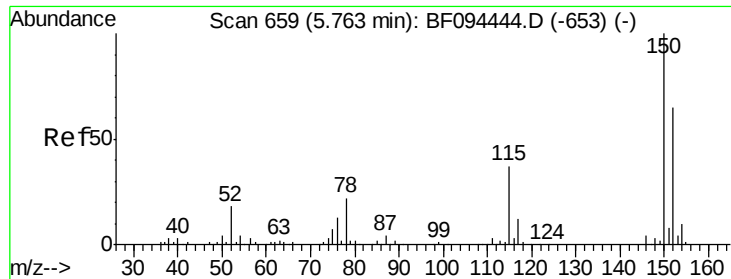
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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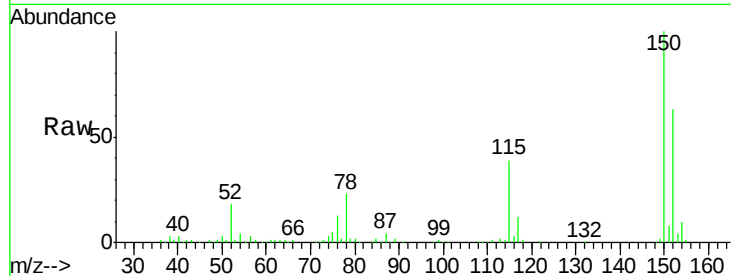


#1

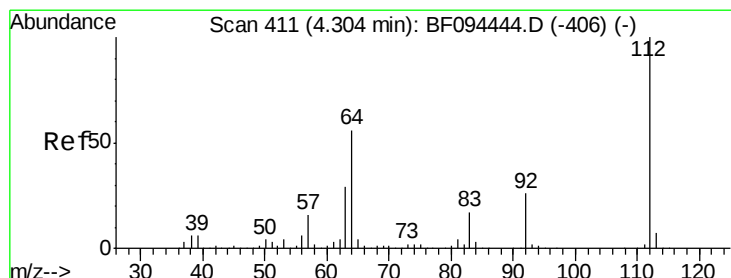
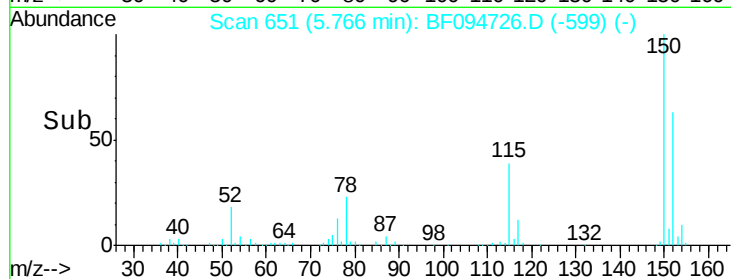
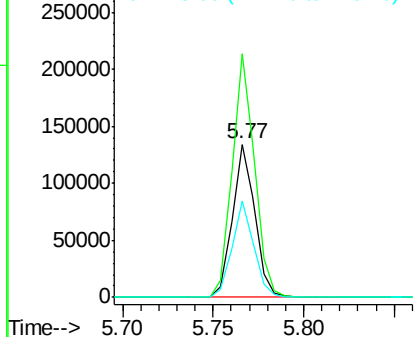
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094726.D
Acq: 30 Apr 2017 20:31

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP(0-2.0)

Tot Ion:152 Resp: 115281
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 62.8 52.2 78.2



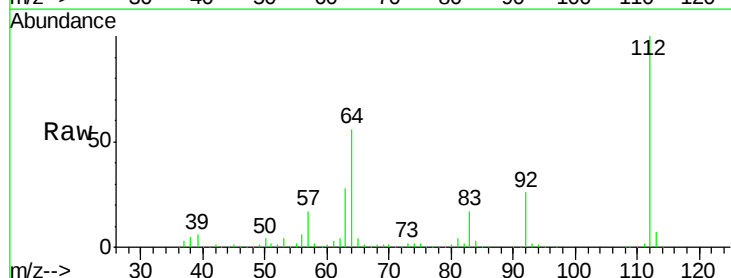
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



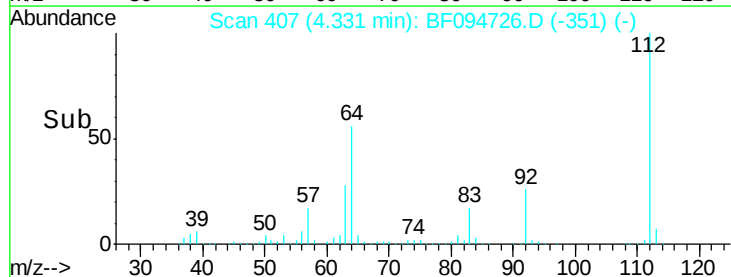
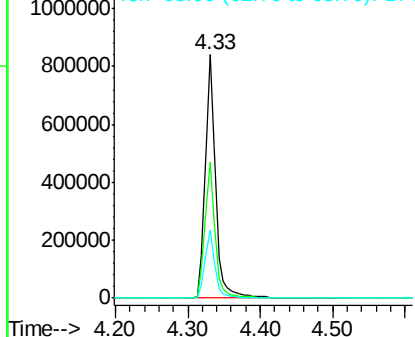
#5

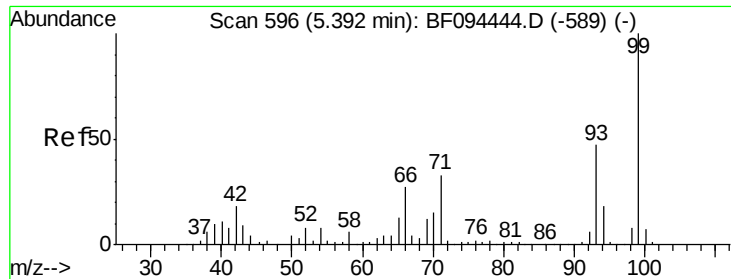
2-Fluorophenol
Concen: 122.65 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094726.D
Acq: 30 Apr 2017 20:31

Tgt Ion:112 Resp: 852259
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 28.1 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: 120.92 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094726.D

Acq: 30 Apr 2017 20:31

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP(0-2.0)

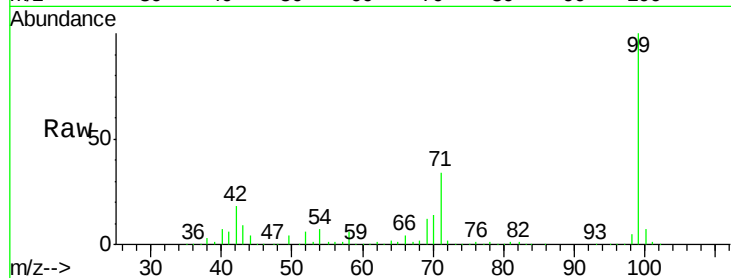
Tot Ion: 99 Resp: 990551

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

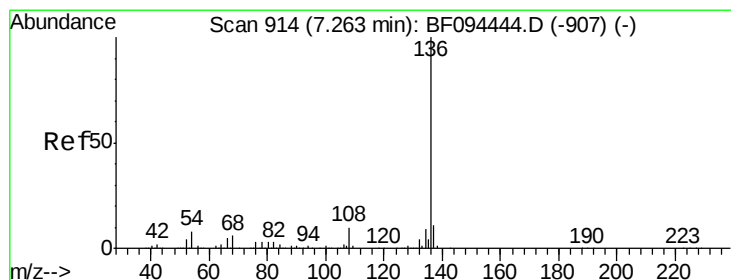
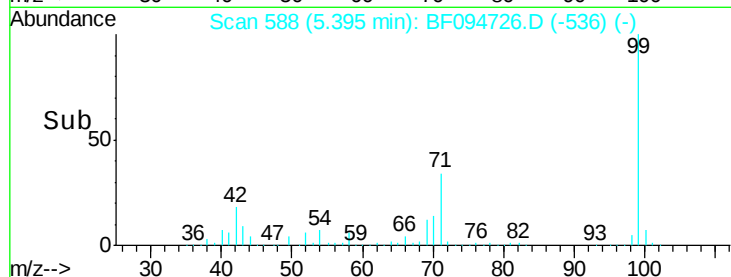
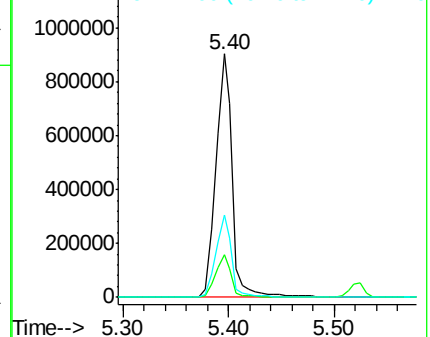
71 33.9 24.5 36.7



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: BF094726.D

Acq: 30 Apr 2017 20:31

Tgt Ion: 136 Resp: 466570

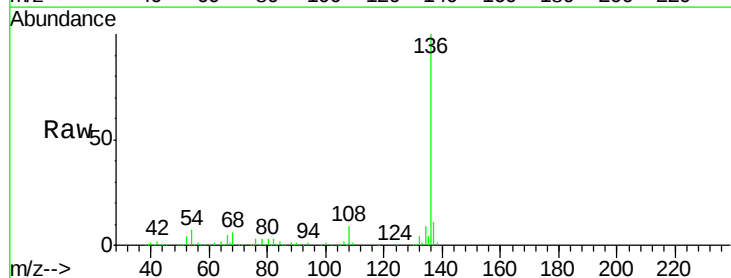
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

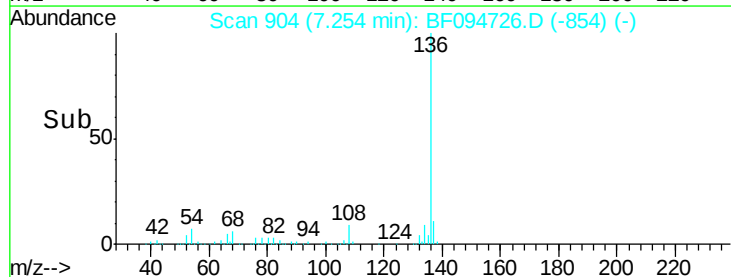
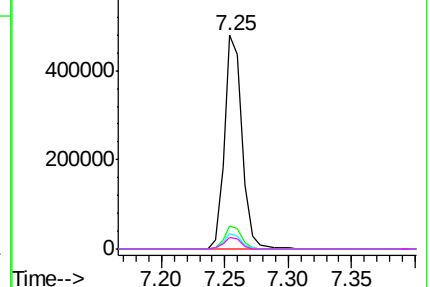


Abundance Ion 136.00 (135.70 to 136.70): E

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

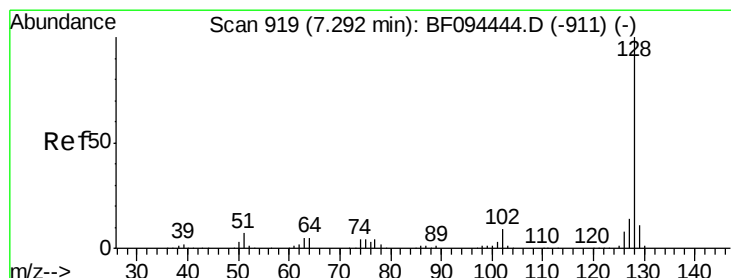
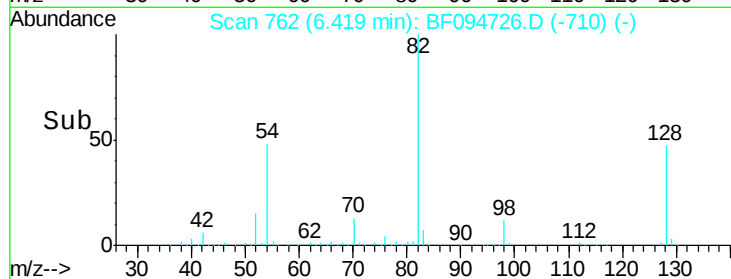
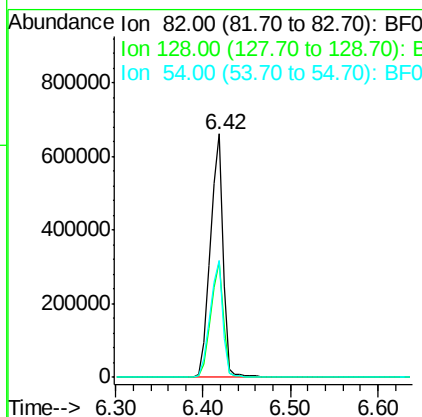
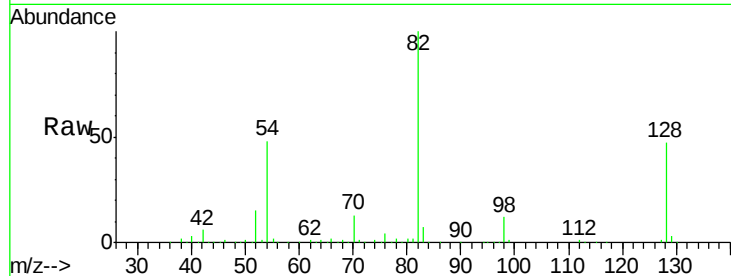




#23
 Nitrobenzene-d5
 Concen: 89.34 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

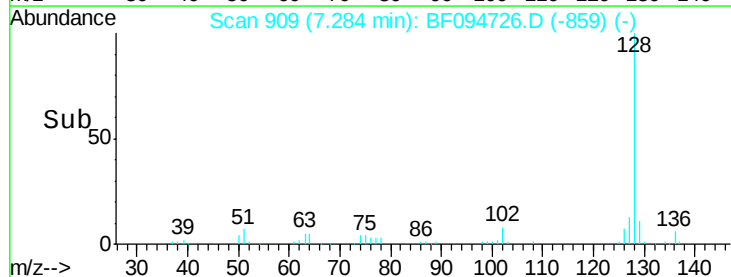
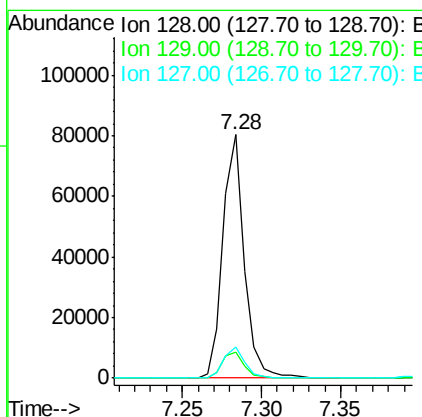
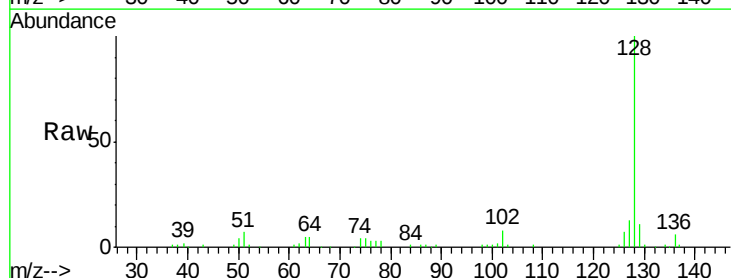
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP(0-2.0)

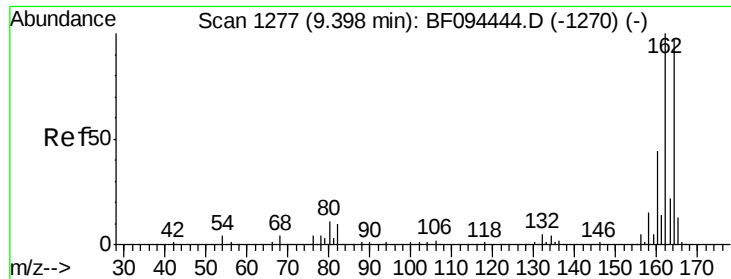
Tot Ion: 82 Resp: 675028
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 48.2 42.2 63.2



#31
 Naphthalene
 Concen: 3.34 ng
 RT: 7.28 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

Tgt Ion:128 Resp: 74813
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.6
 127 12.7 10.8 16.2

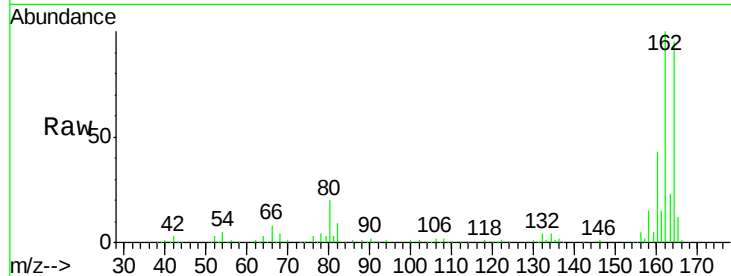




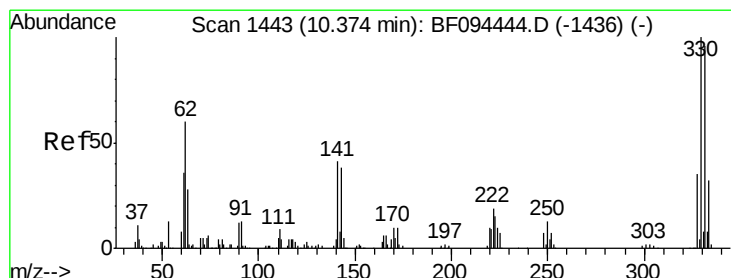
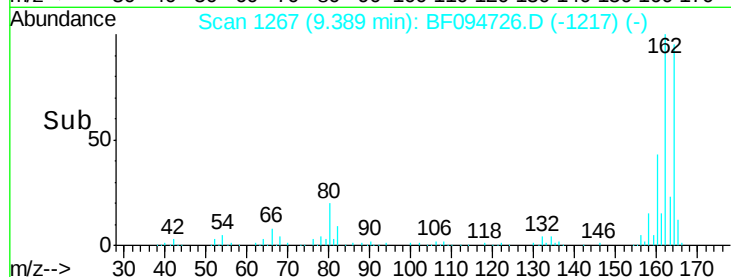
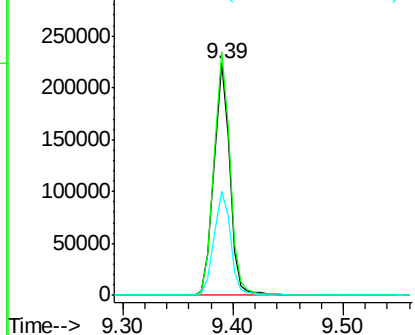
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094726.D
Acq: 30 Apr 2017 20:31

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP(0-2.0)

Tot Ion:164 Resp: 223978
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 44.9 36.2 54.2

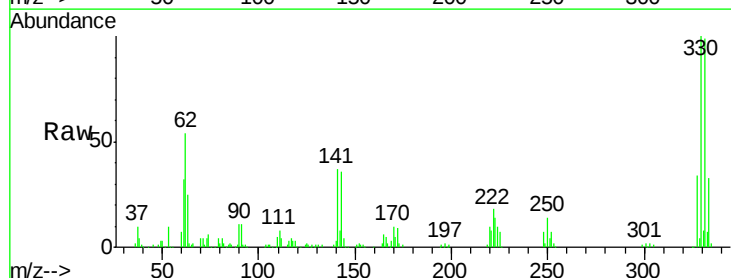


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

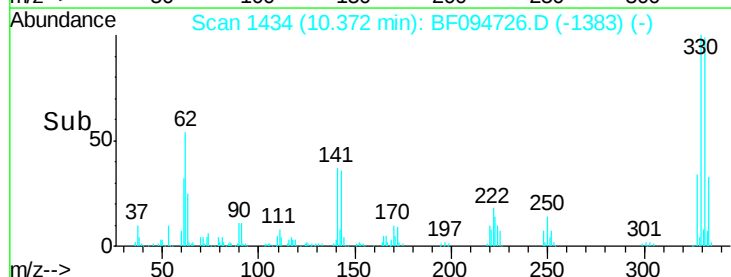
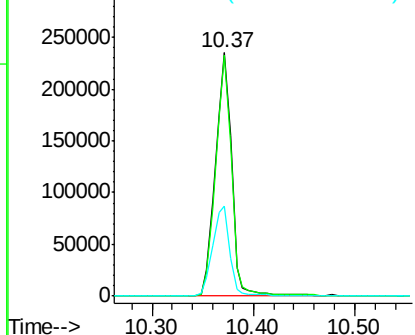


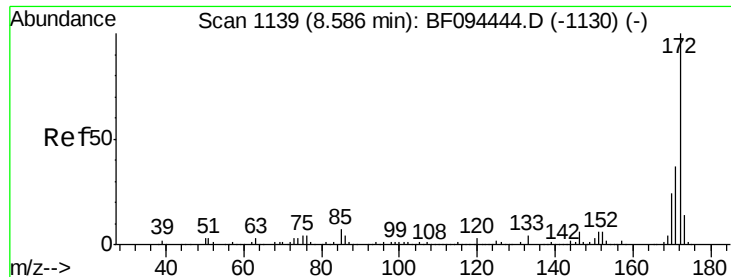
#41
2,4,6-Tribromophenol
Concen: 151.26 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094726.D
Acq: 30 Apr 2017 20:31

Tgt Ion:330 Resp: 265003
Ion Ratio Lower Upper
330 100
332 98.0 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



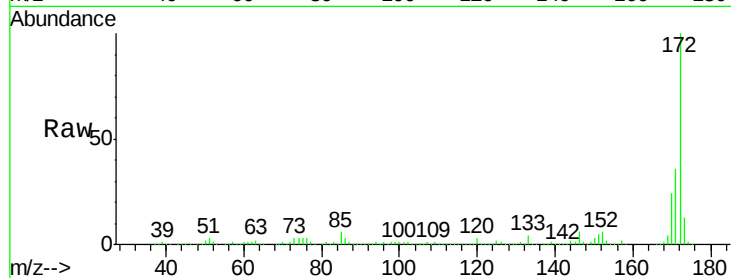


#44
 2-Fluorobiphenyl
 Concen: 85.37 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

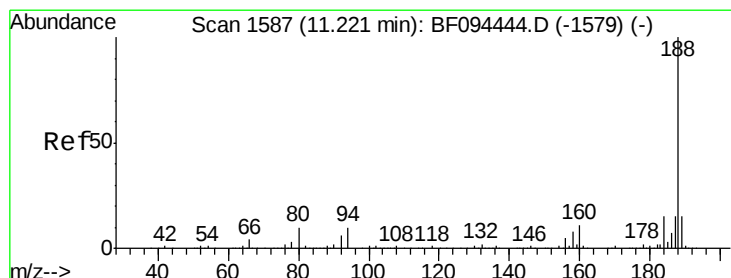
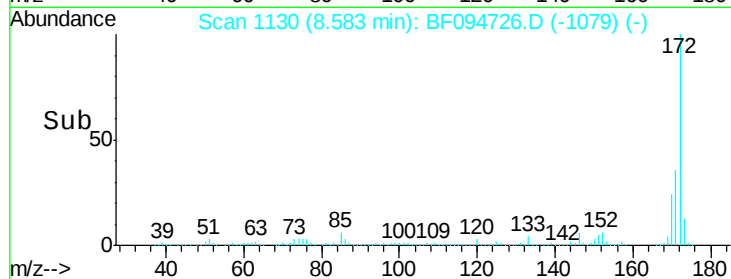
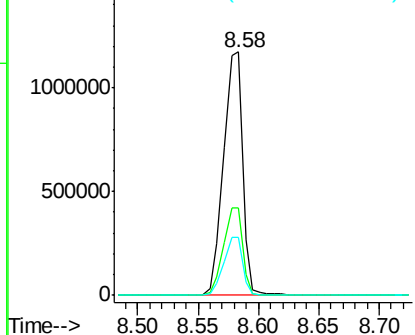
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP(0-2.0)

Tot Ion:172 Resp: 1299631

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8



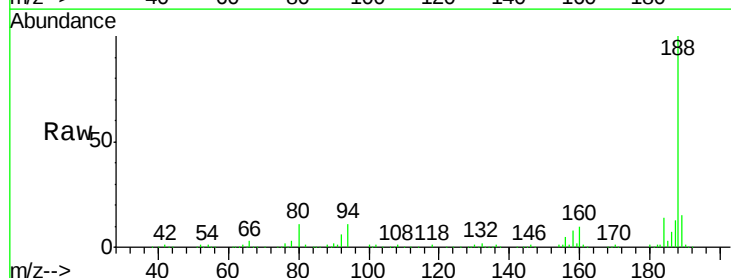
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



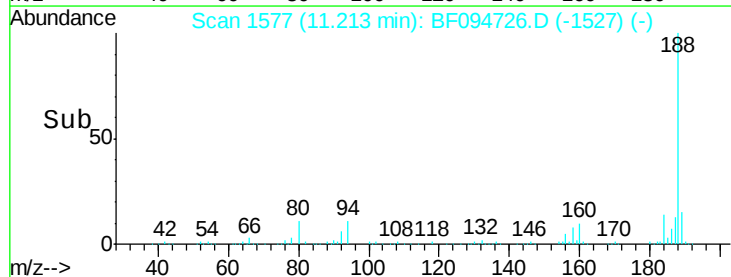
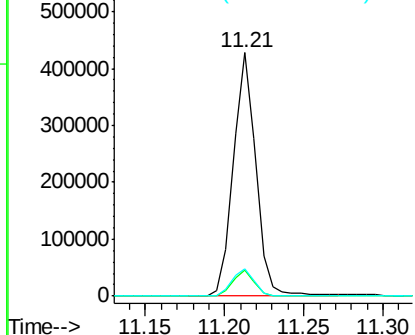
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

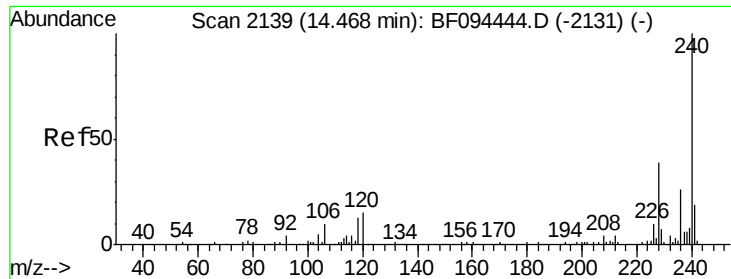
Tgt Ion:188 Resp: 423964

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.3	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

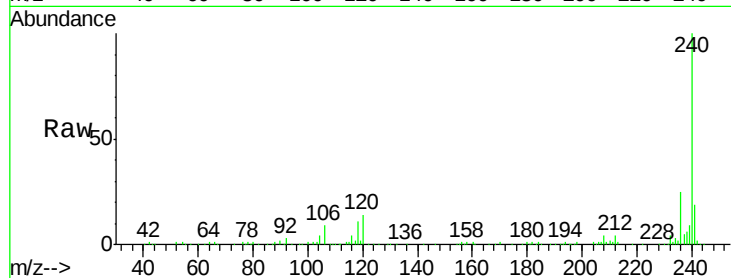




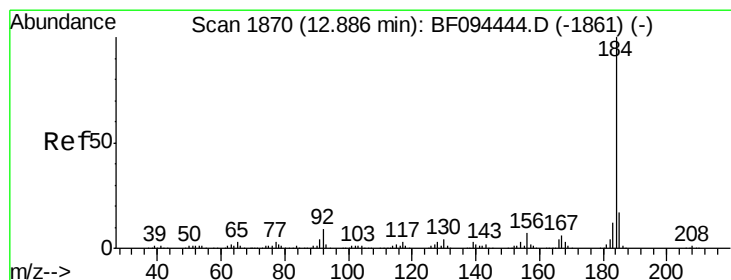
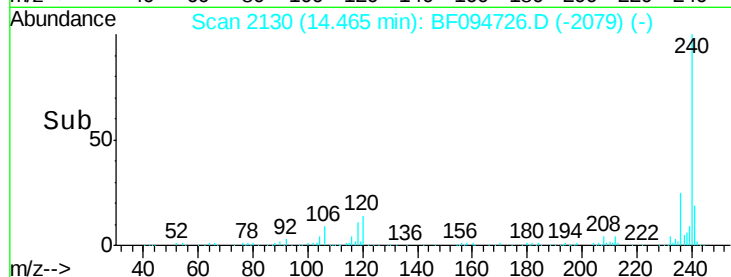
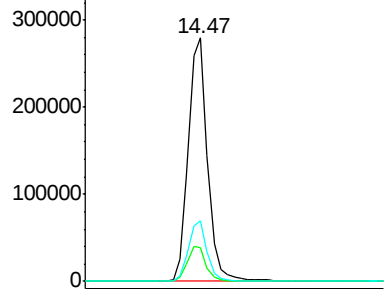
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP(0-2.0)

Tot Ion:240 Resp: 323936
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.0 20.5 30.7

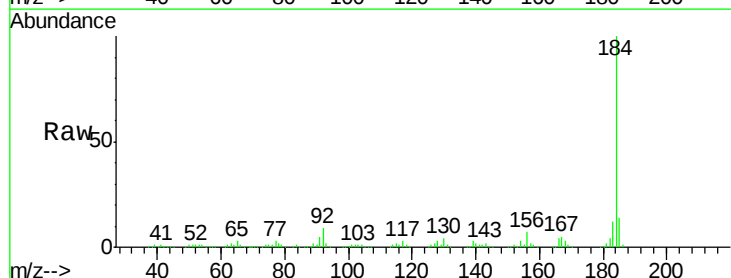


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

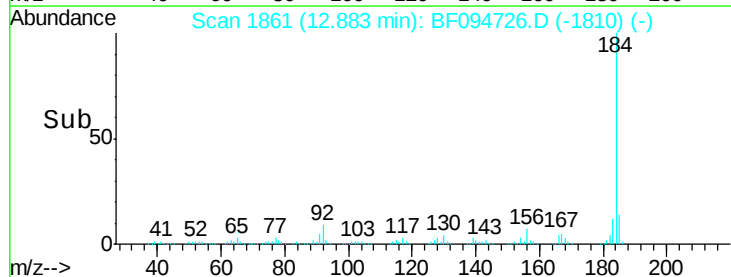
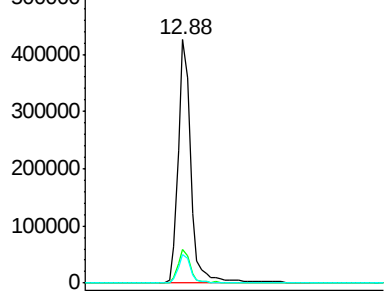


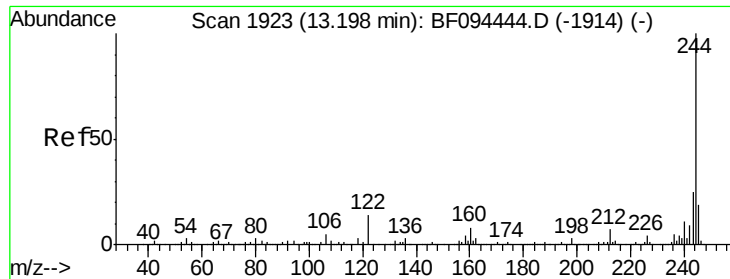
#76
 Benzidine
 Concen: 36.68 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

Tgt Ion:184 Resp: 481161
 Ion Ratio Lower Upper
 184 100
 185 13.9 15.5 23.3#
 183 11.8 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

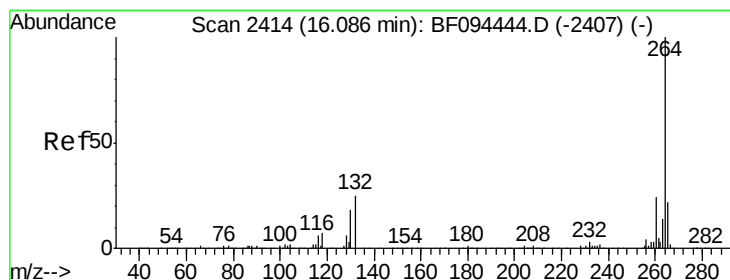
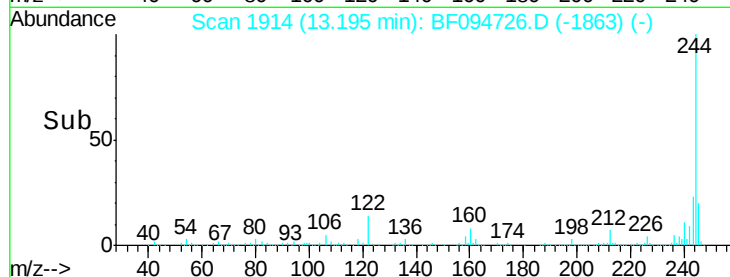
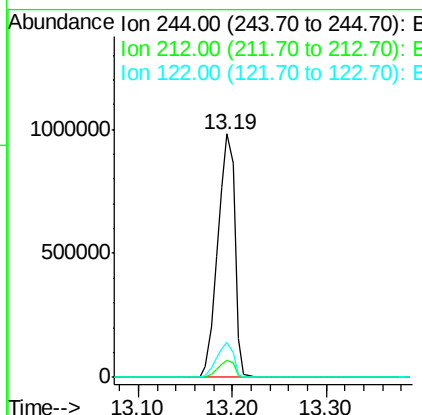
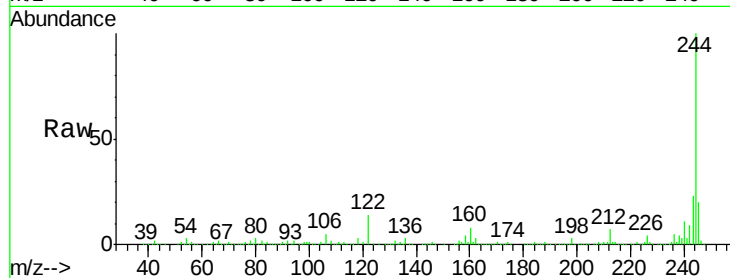




#78
 Terphenyl-d14
 Concen: 103.41 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP(0-2.0)

Tot Ion:244 Resp: 1253281
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094726.D
 Acq: 30 Apr 2017 20:31

Tgt Ion:264 Resp: 218904
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.8 17.2 25.8

