

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094543.D
 Acq On : 20 Apr 2017 14:33
 Operator : SJ/MA
 Sample : I2744-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(5-7)20170418

Quant Time: Apr 20 18:01:10 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

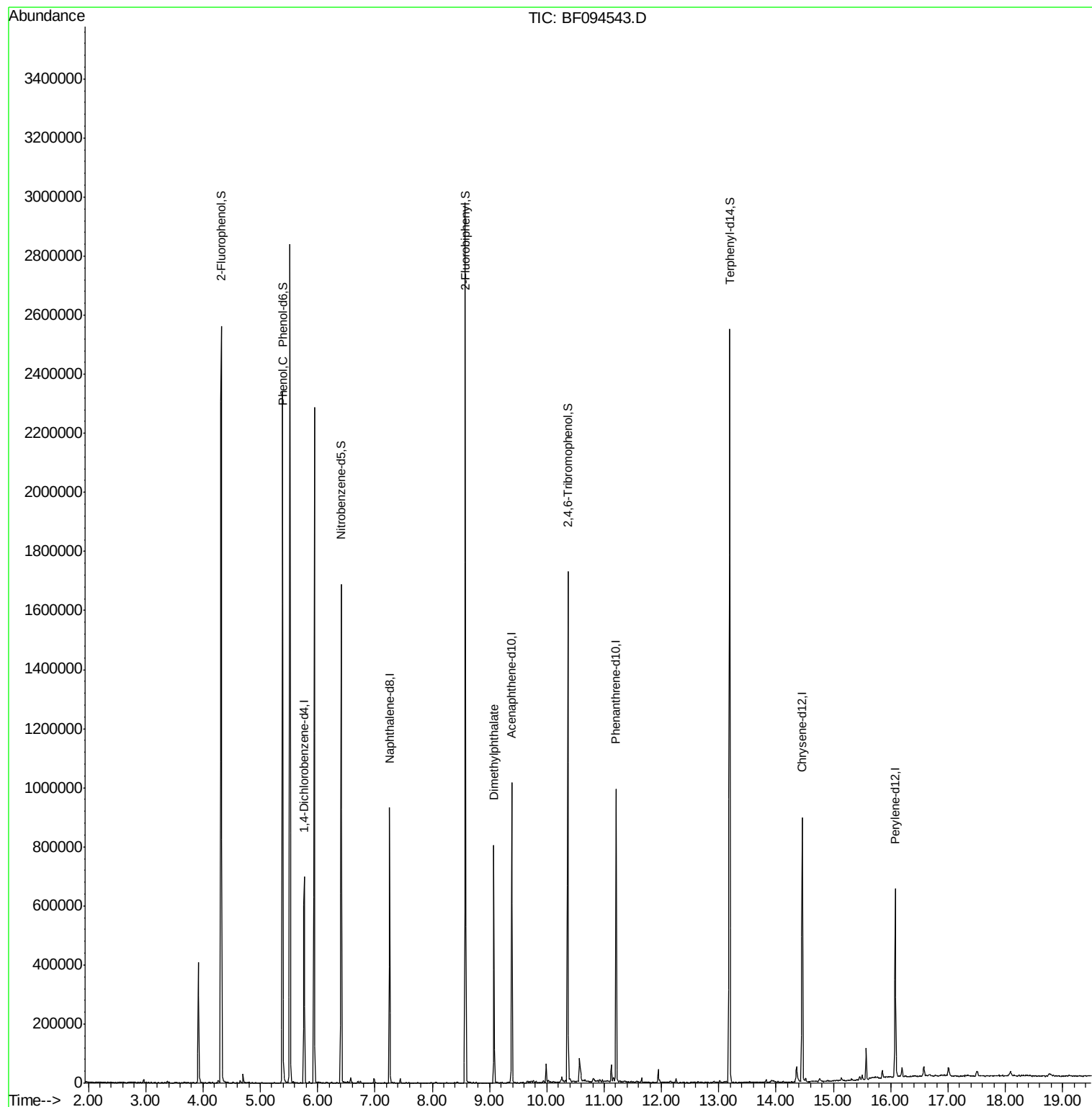
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111923	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	453960	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	211684	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	413317	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	359195	20.00	ng	-0.01
86) Perylene-d12	16.08	264	253691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	774744	114.84	ng	0.01
7) Phenol-d6	5.39	99	981034	123.35	ng	0.00
23) Nitrobenzene-d5	6.41	82	594221	80.83	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	215307	130.04	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1080890	75.13	ng	0.00
78) Terphenyl-d14	13.19	244	982632	73.12	ng	0.00
Target Compounds						
10) Phenol	5.40	94	20742	2.12	ng	97
49) Dimethylphthalate	9.08	163	336993	21.36	ng	99

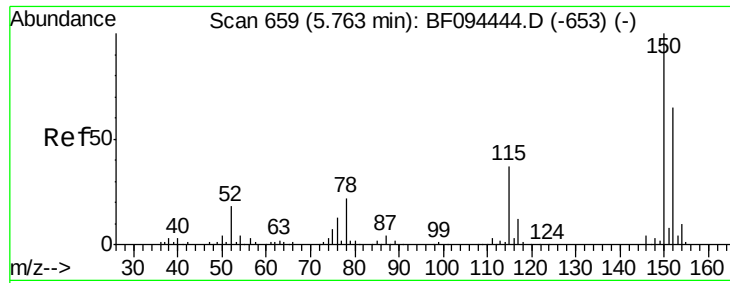
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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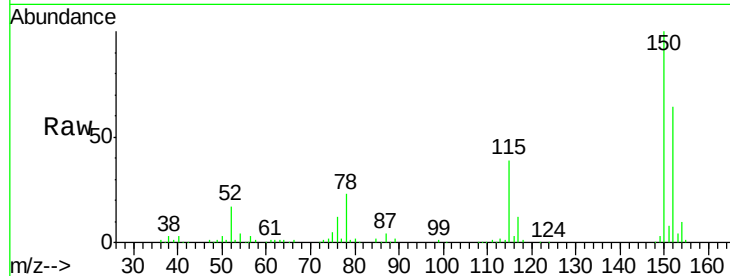


#1

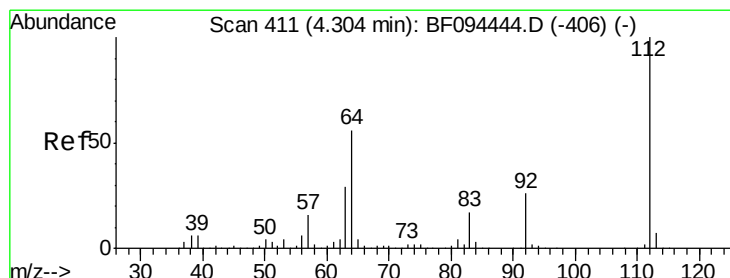
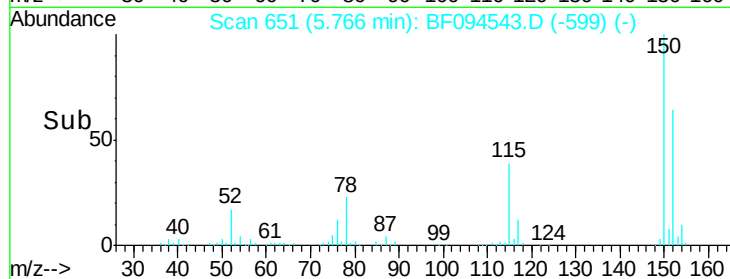
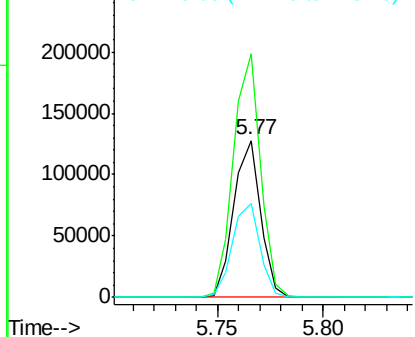
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SB-1(5-7)20170418

Tot Ion:152 Resp: 111923
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 59.9 52.2 78.2



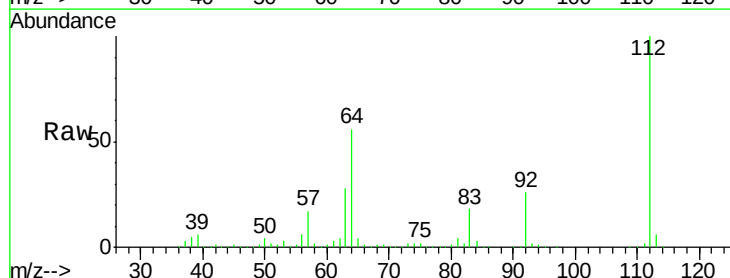
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



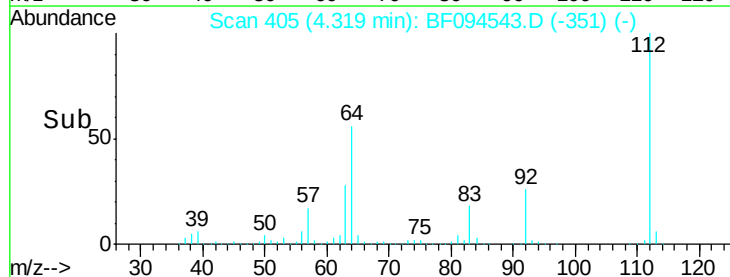
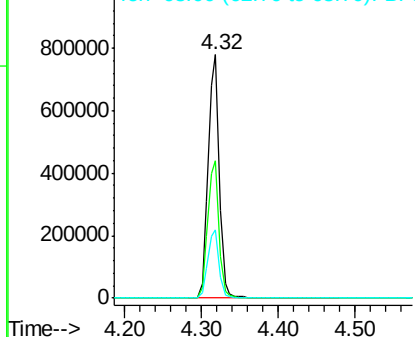
#5

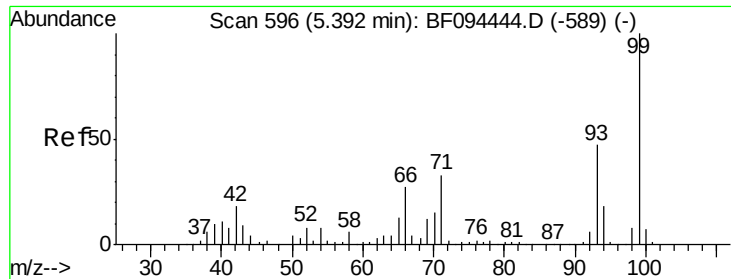
2-Fluorophenol
Concen: 114.84 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Tgt Ion:112 Resp: 774744
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 28.2 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: 123.35 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094543.D

Acq: 20 Apr 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SB-1(5-7)20170418

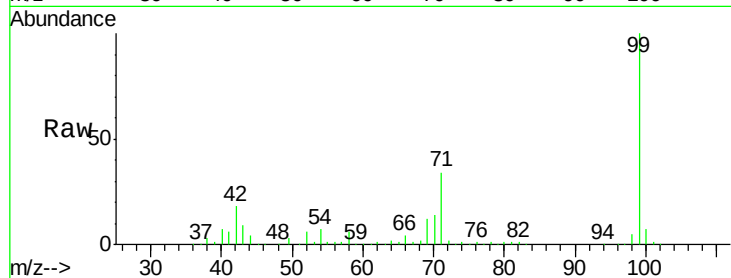
Tot Ion: 99 Resp: 981034

Ion Ratio Lower Upper

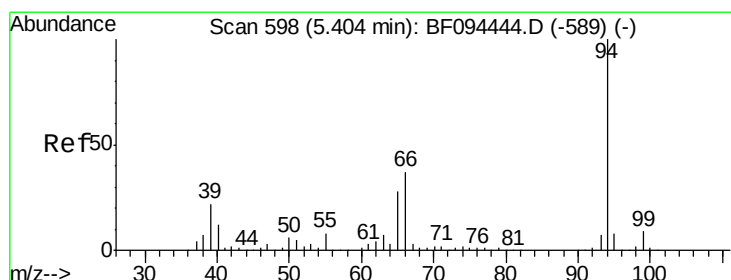
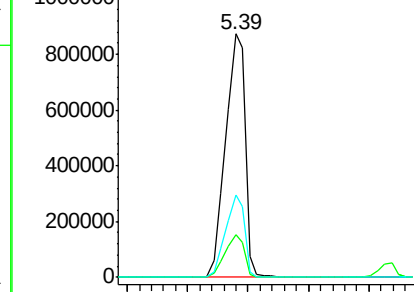
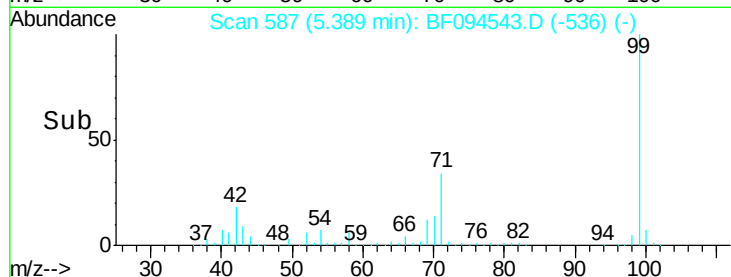
99 100

42 17.7 13.5 20.3

71 33.8 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



#10

Phenol

Concen: 2.12 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094543.D

Acq: 20 Apr 2017 14:33

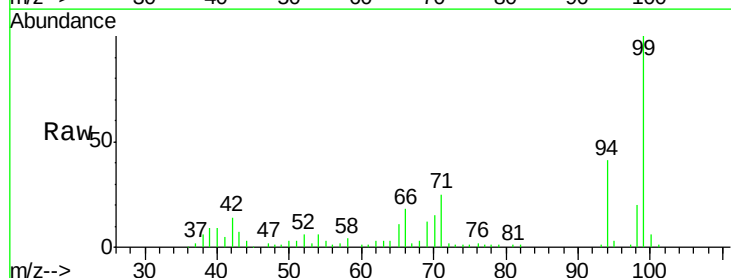
Tgt Ion: 94 Resp: 20742

Ion Ratio Lower Upper

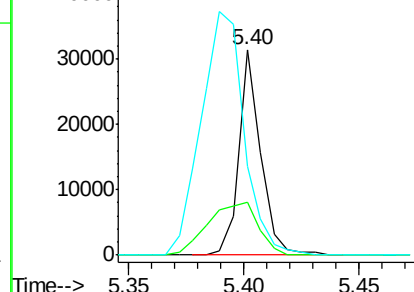
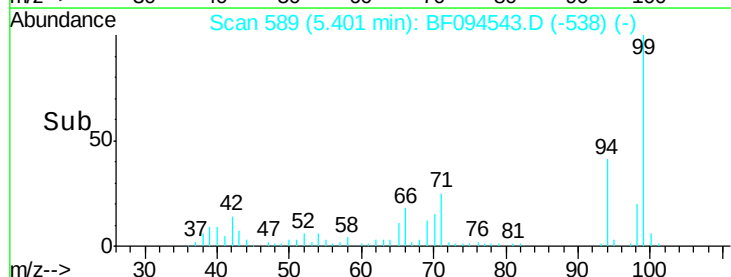
94 100

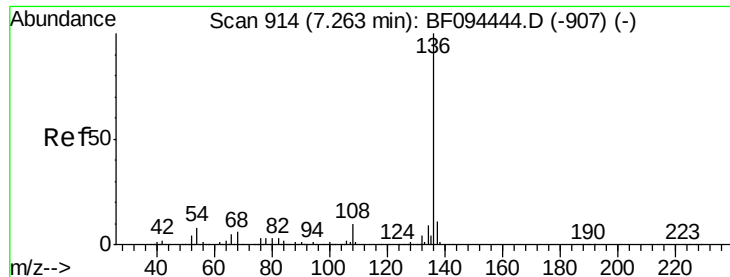
65 25.8 9.9 49.9

66 43.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094543.D

Acq: 20 Apr 2017 14:33

Instrument :

BNA_F

ClientSampleId :

SB-1(5-7)20170418

Tot Ion:136 Resp: 453960

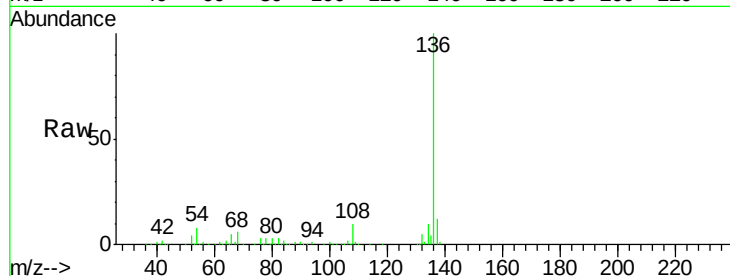
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 7.8 4.9 7.3#

68 5.6 4.1 6.1

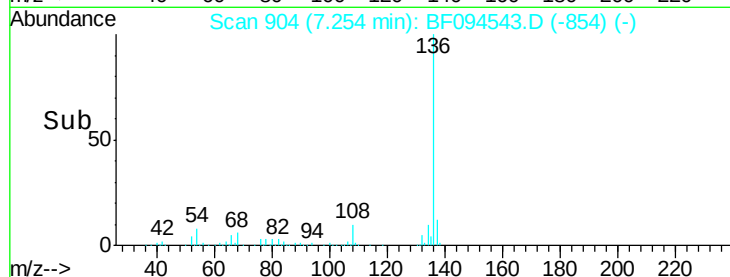


Abundance Ion 136.00 (135.70 to 136.70): E

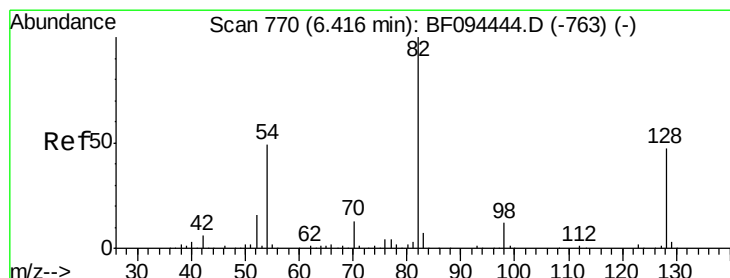
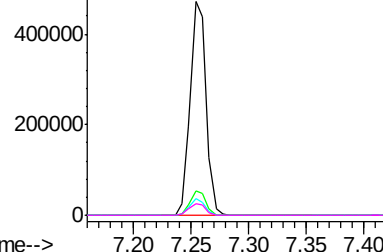
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 80.83 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094543.D

Acq: 20 Apr 2017 14:33

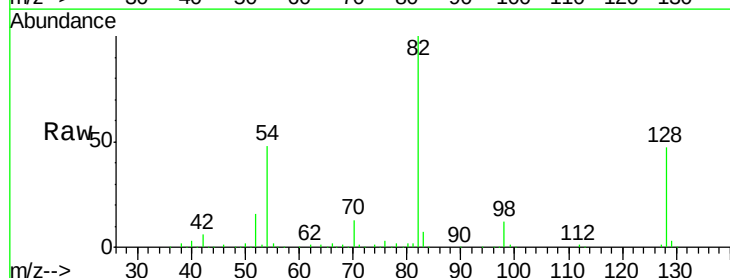
Tgt Ion: 82 Resp: 594221

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

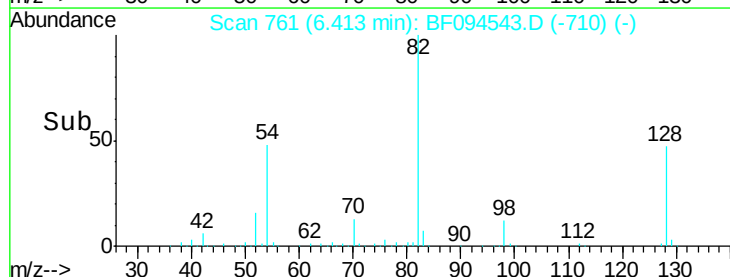
54 48.3 42.2 63.2



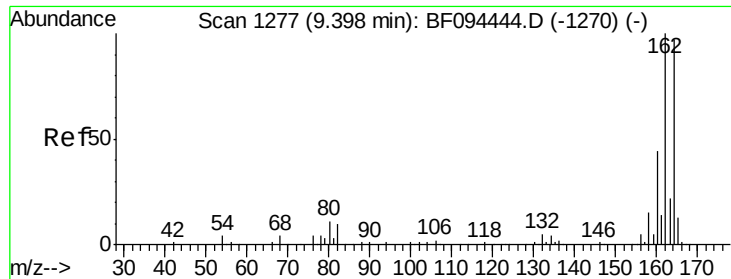
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



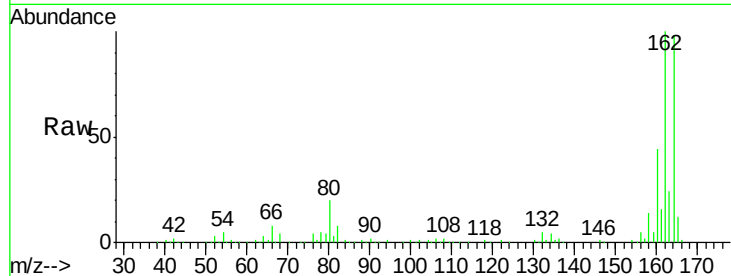
Time-->



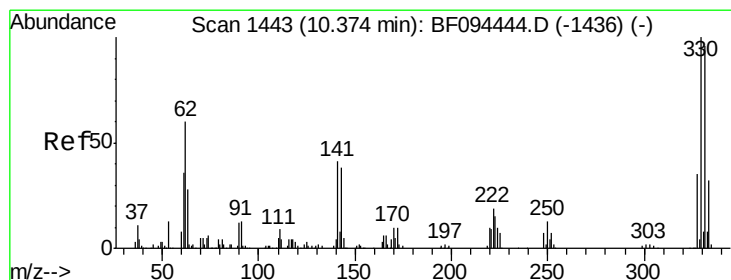
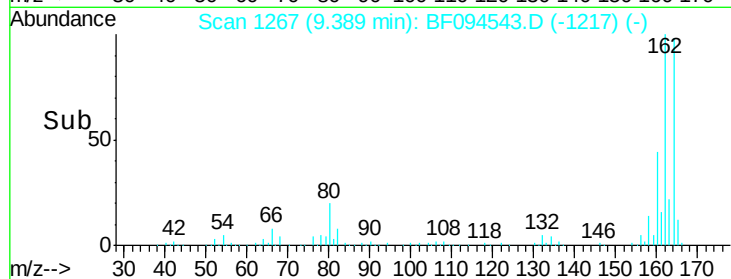
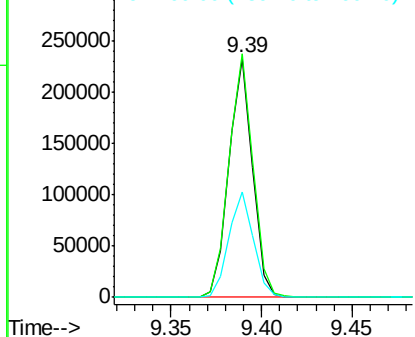
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SB-1(5-7)20170418

Tot Ion:164 Resp: 211684
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 44.4 36.2 54.2

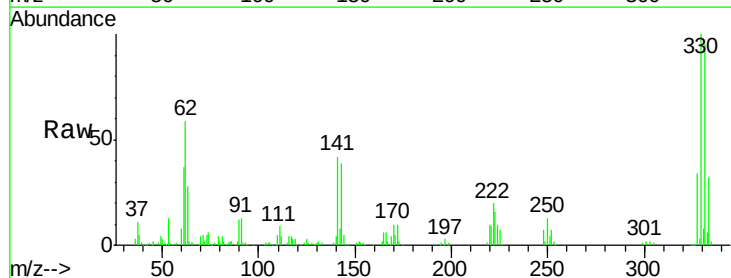


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

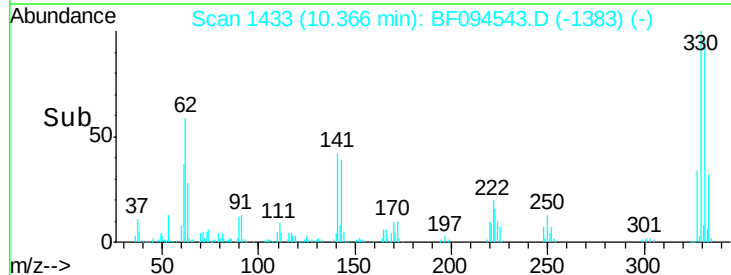
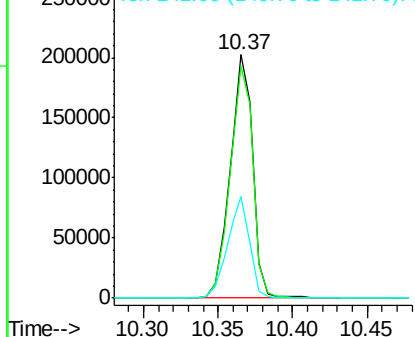


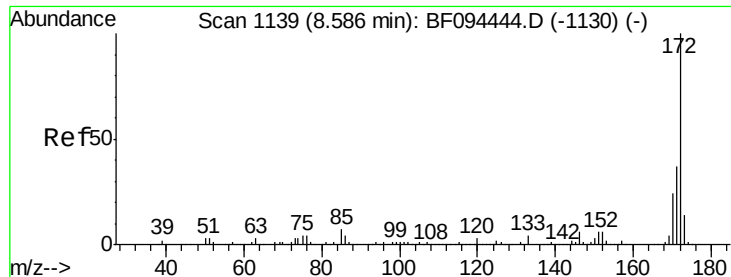
#41
2,4,6-Tribromophenol
Concen: 130.04 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Tgt Ion:330 Resp: 215307
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 40.6 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

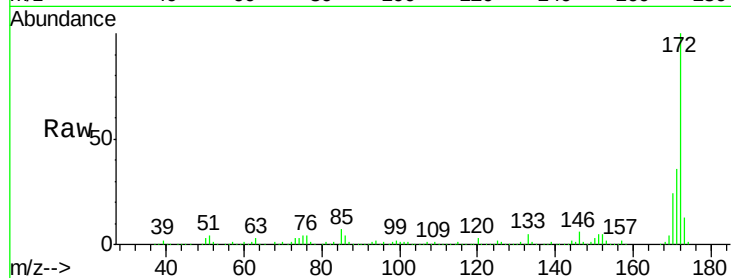




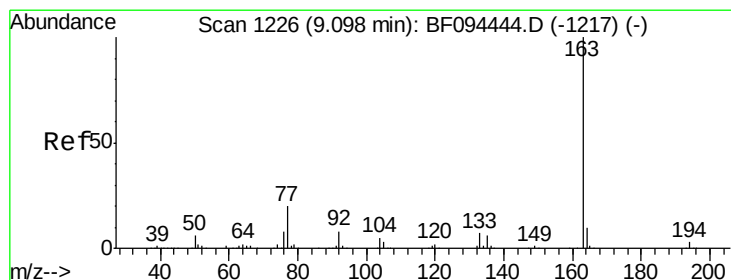
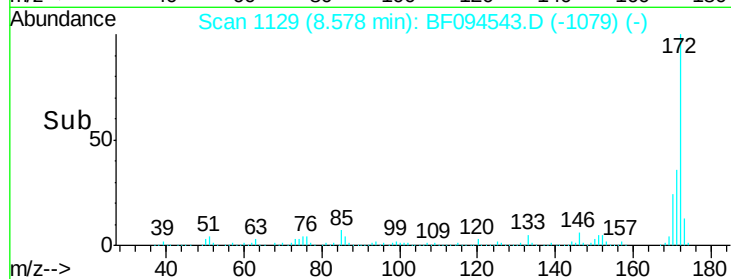
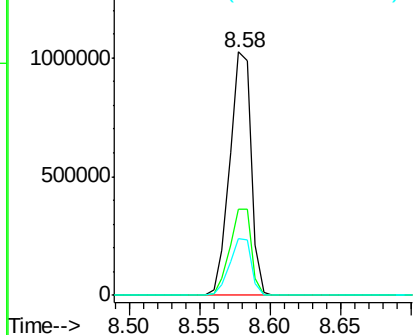
#44
2-Fluorobiphenyl
Concen: 75.13 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SB-1(5-7)20170418

Tot Ion:172 Resp: 1080890
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.5 19.8 29.8

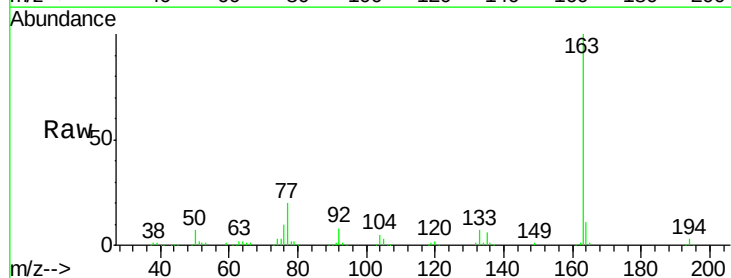


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

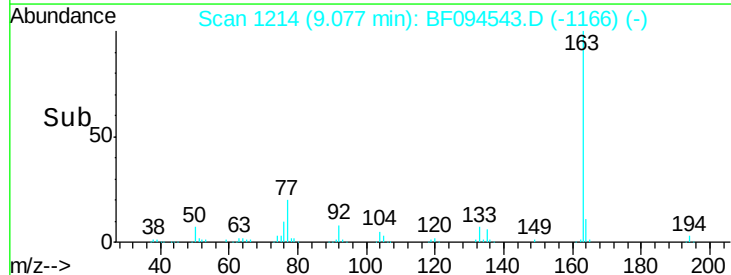
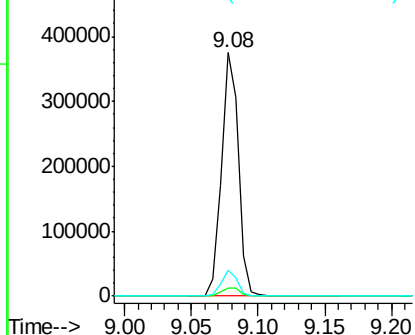


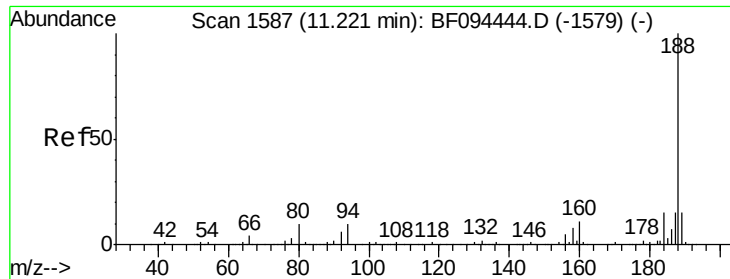
#49
Dimethylphthalate
Concen: 21.36 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Tgt Ion:163 Resp: 336993
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

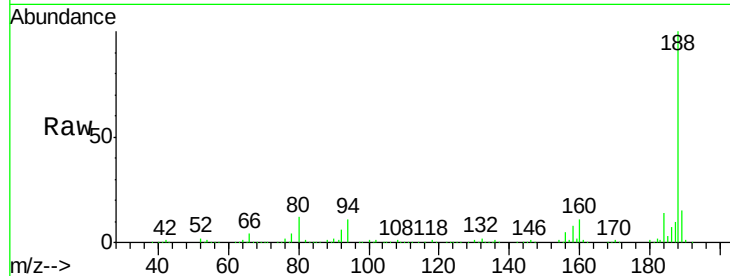




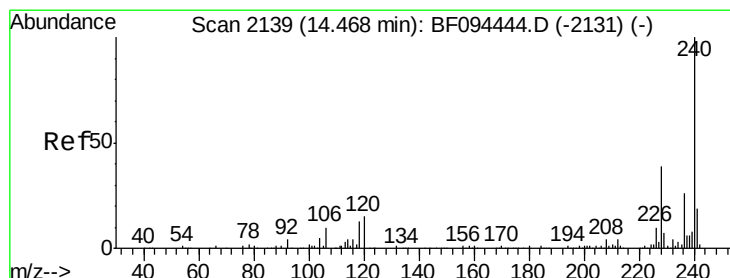
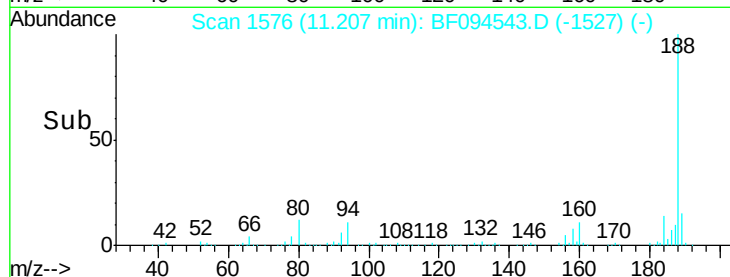
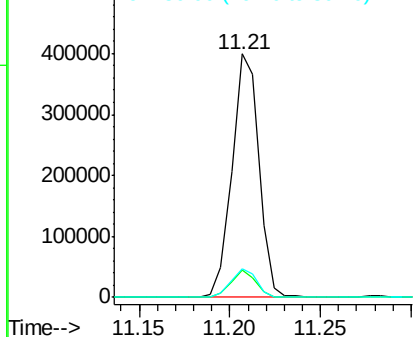
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Instrument :
BNA_F
ClientSampleId :
SB-1(5-7)20170418

Tot Ion:188 Resp: 413317
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.9 10.2 15.2

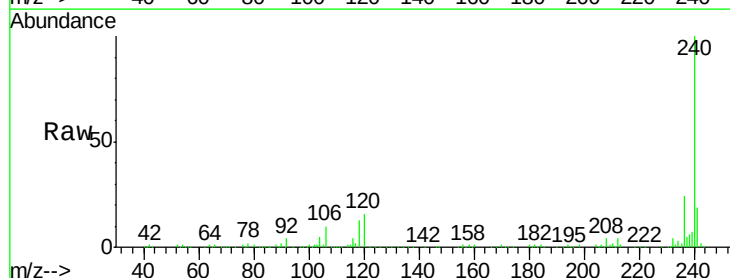


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

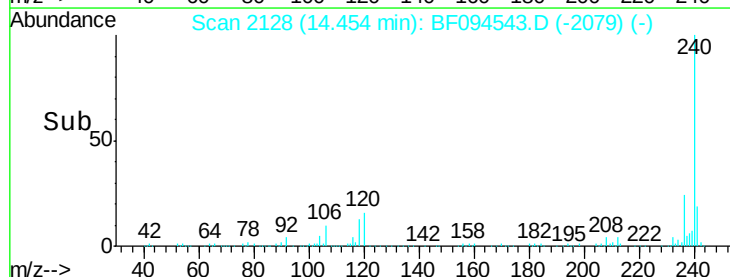
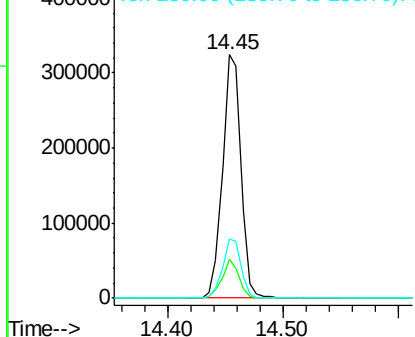


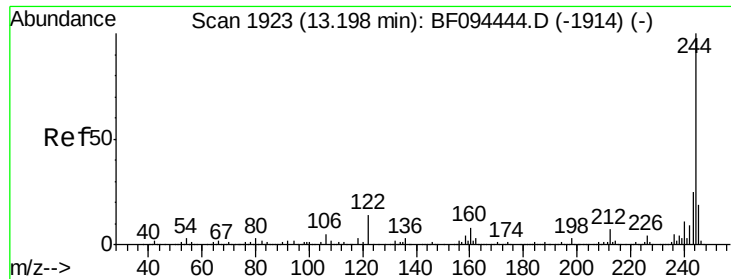
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094543.D
Acq: 20 Apr 2017 14:33

Tgt Ion:240 Resp: 359195
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 24.5 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

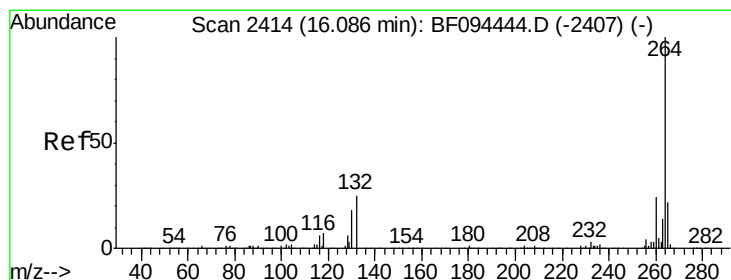
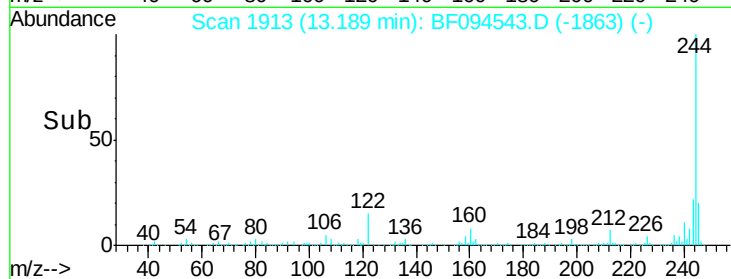
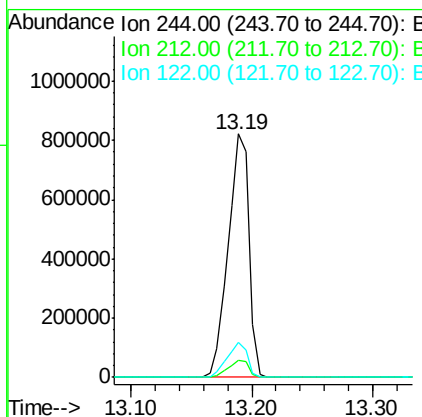
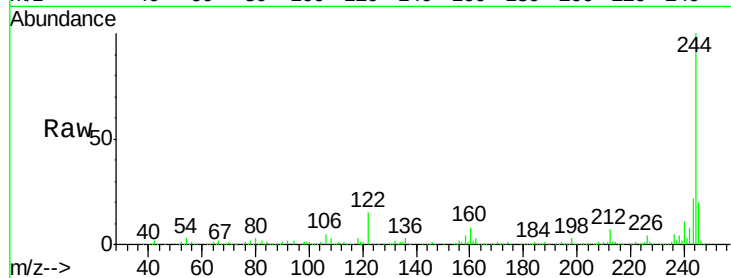




#78
 Terphenyl-d14
 Concen: 73.12 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094543.D
 Acq: 20 Apr 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(5-7)20170418

Tot Ion:244 Resp: 982632
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094543.D
 Acq: 20 Apr 2017 14:33

Tgt Ion:264 Resp: 253691
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.4 17.2 25.8

