

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094599.D
 Acq On : 25 Apr 2017 12:26
 Operator : SJ/MA
 Sample : PB98413BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BL

Quant Time: Apr 26 02:11:01 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	5.75	152	130993	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	513921	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	237781	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	450299	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	389964	20.00	ng	-0.02
86) Perylene-d12	16.07	264	278747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1013510	128.36	ng	0.00
7) Phenol-d6	5.38	99	1265414	135.95	ng	0.00
23) Nitrobenzene-d5	6.41	82	760189	91.34	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	244286	131.34	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1380153	85.40	ng	-0.01
78) Terphenyl-d14	13.18	244	1325240	90.84	ng	-0.01

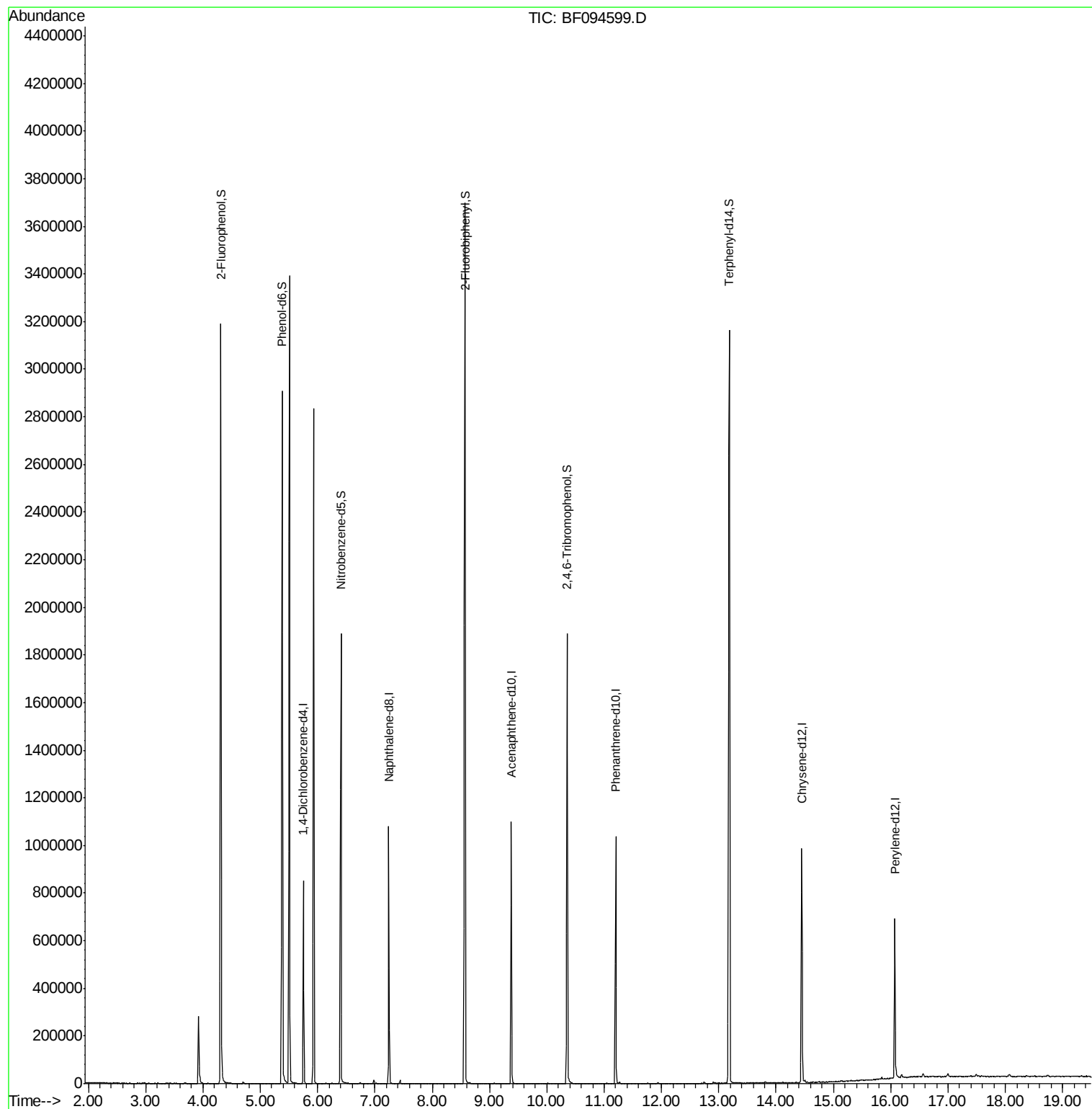
Target Compounds Qvalue

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

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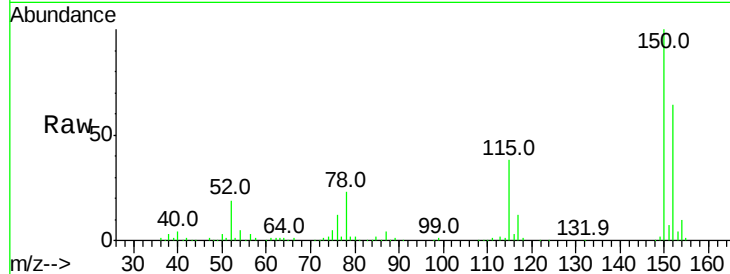


#1

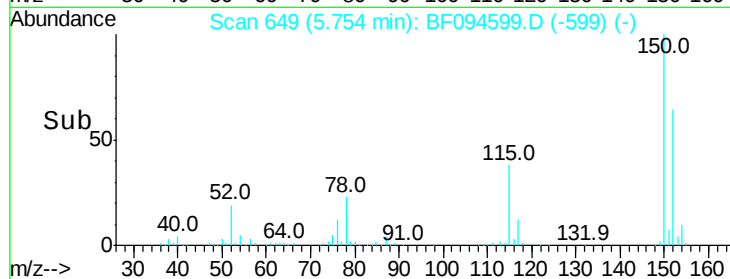
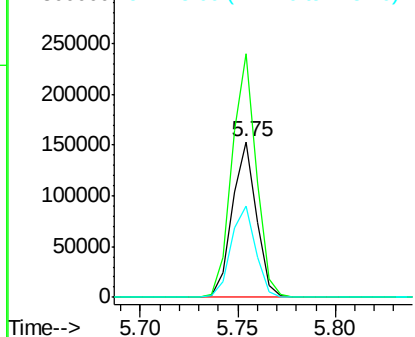
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.75 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BL

Tot Ion:152 Resp: 130993
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 58.9 52.2 78.2



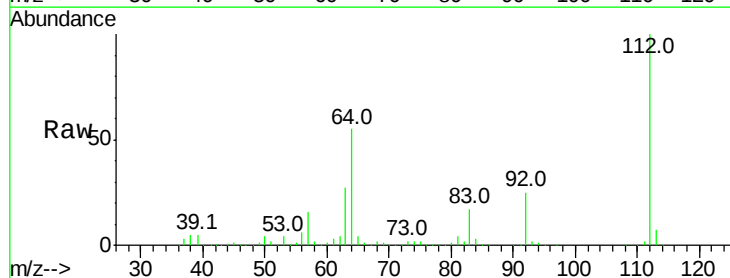
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



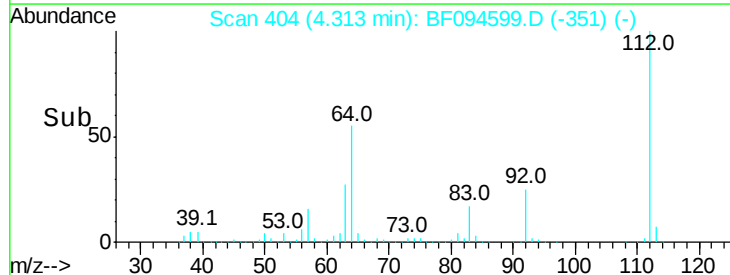
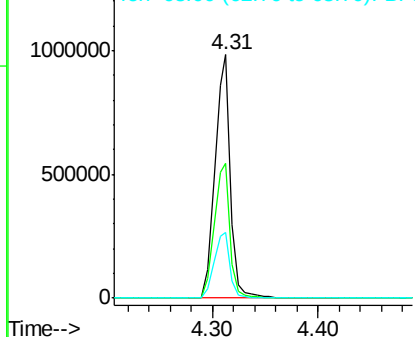
#5

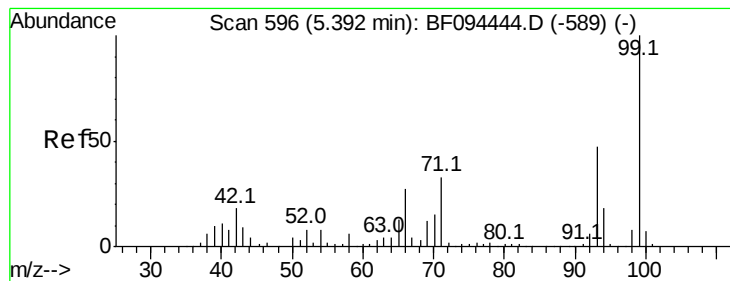
2-Fluorophenol
 Concen: 128.36 ng
 RT: 4.31 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Tgt Ion:112 Resp: 1013510
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.2 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: 135.95 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

Instrument :

BNA_F

ClientSampled :

PB98413BL

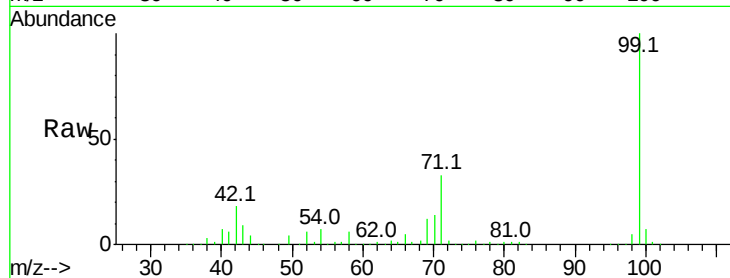
Tot Ion: 99 Resp: 1265414

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.3	24.5	36.7

99 100

42 17.9 13.5 20.3

71 33.3 24.5 36.7

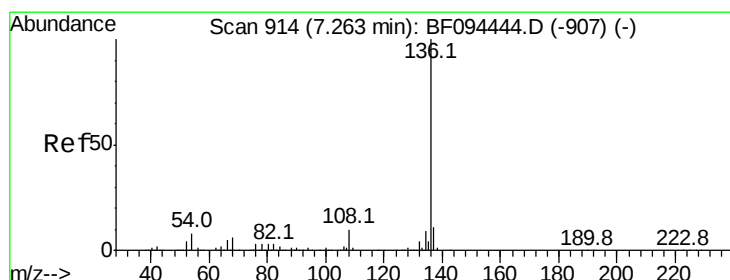
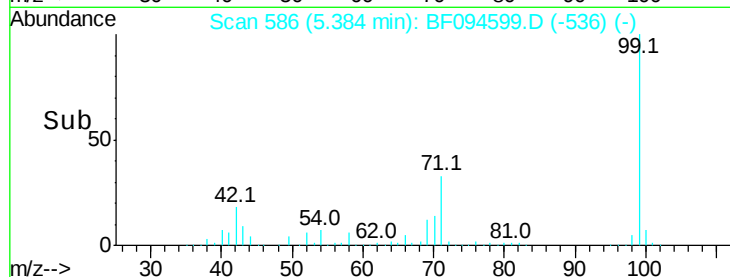
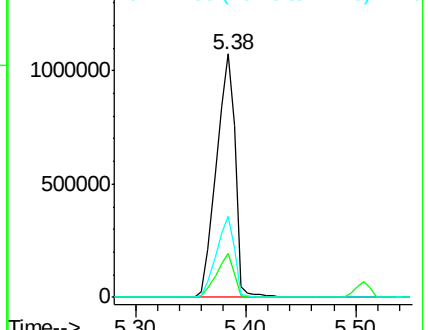


Abundance

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: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

Tgt Ion: 136 Resp: 513921

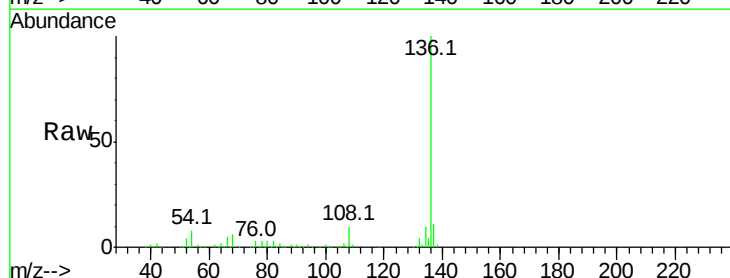
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.6	4.9	7.3#
68	6.0	4.1	6.1

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1



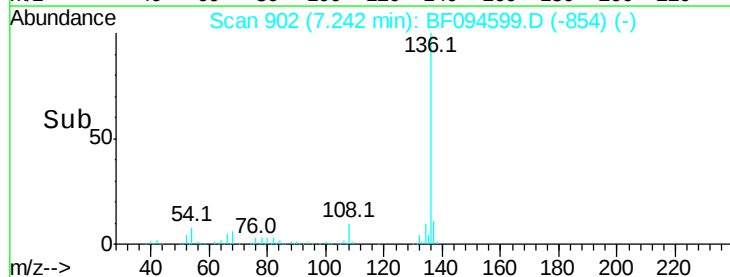
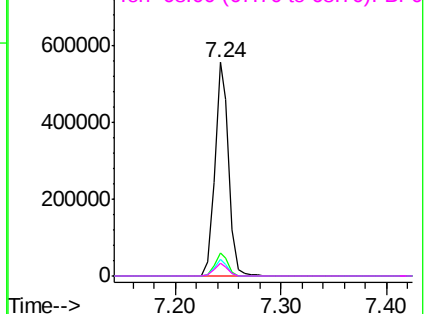
Abundance

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

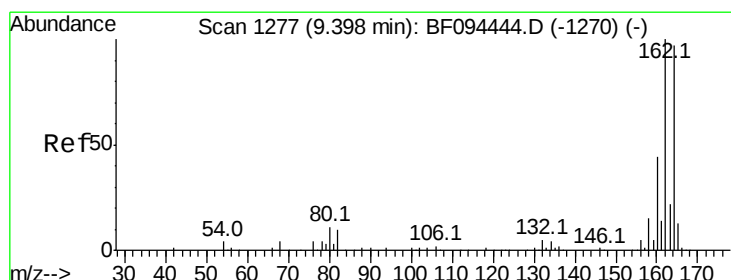
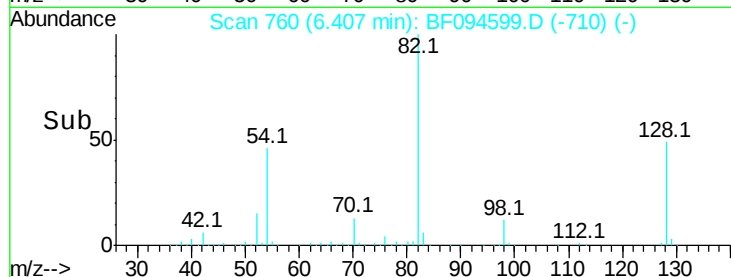
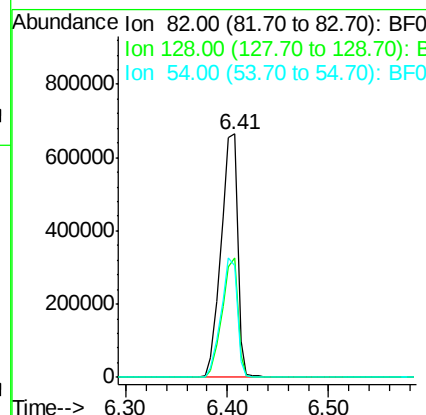
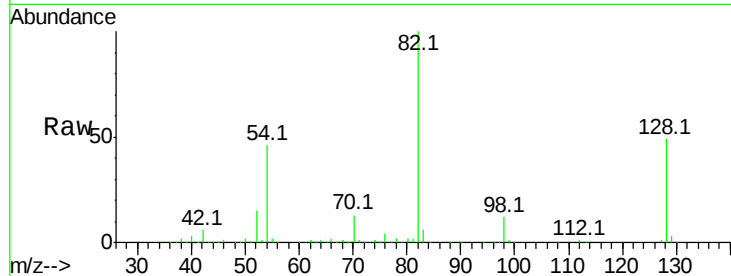




#23
 Nitrobenzene-d5
 Concen: 91.34 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

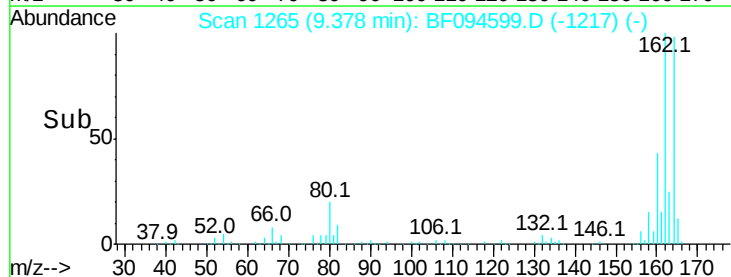
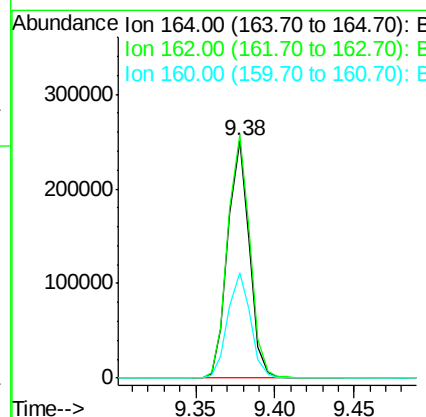
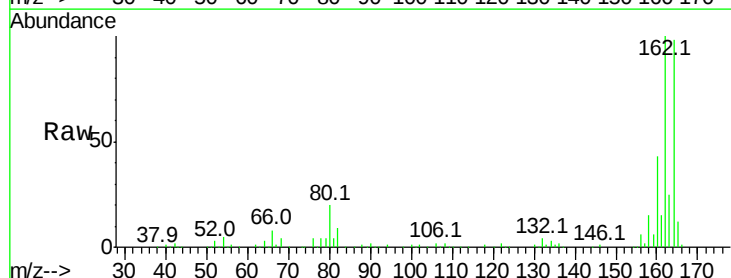
Instrument :
 BNA_F
 ClientSampled :
 PB98413BL

Tot Ion	82	Resp	760189
Ion Ratio	Lower	Upper	
82	100		
128	49.3	34.0	51.0
54	46.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Tgt Ion	164	Resp	237781
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.6	123.8
160	44.5	36.2	54.2

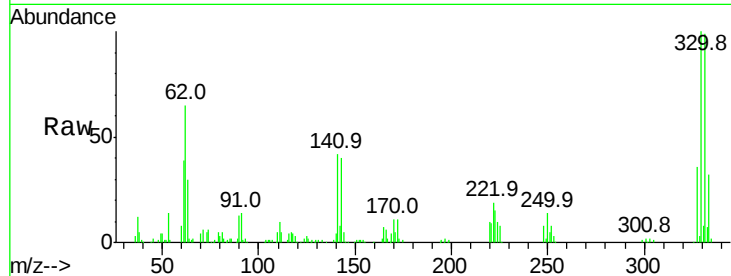




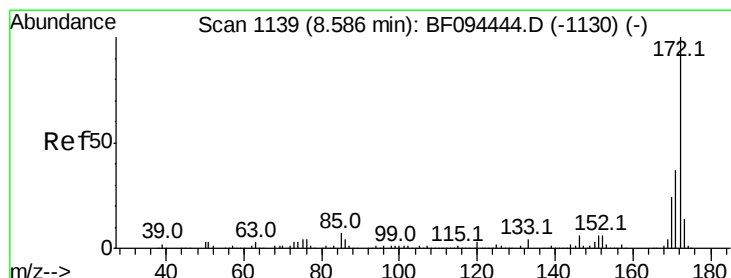
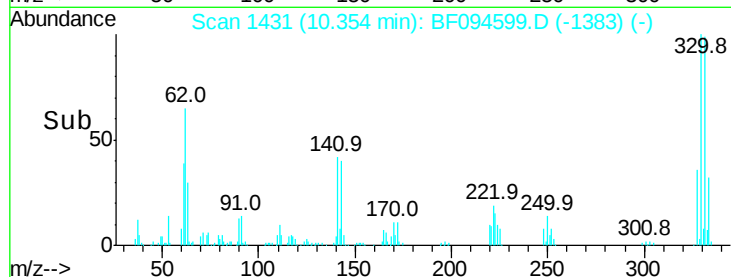
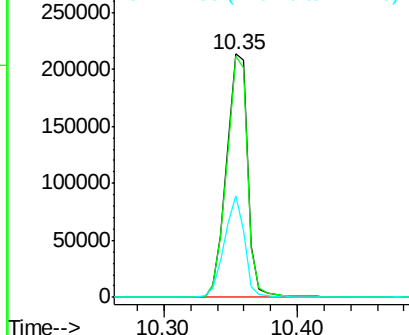
#41
 2,4,6-Tribromophenol
 Concen: 131.34 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BL

Tot Ion:330 Resp: 244286
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.3 31.4 47.2

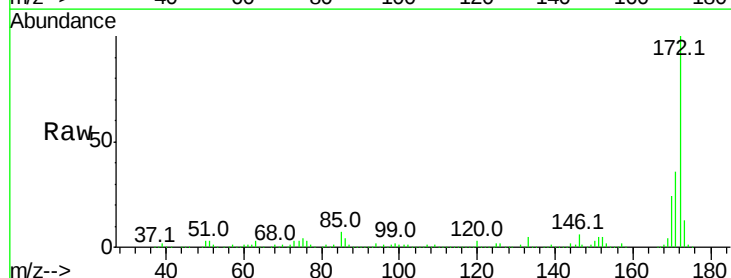


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

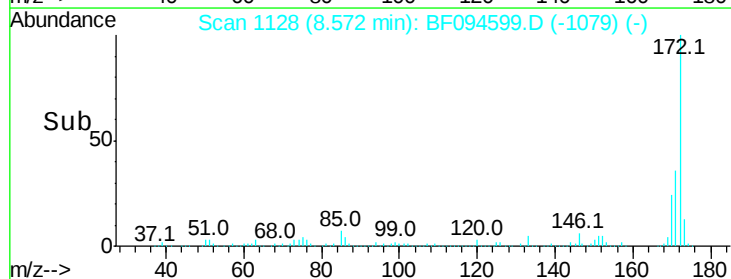
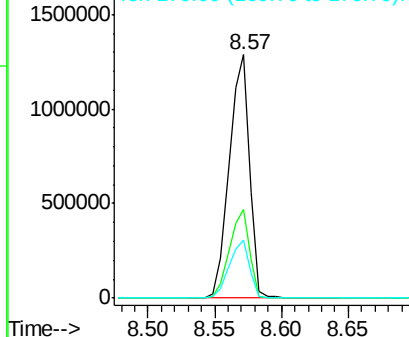


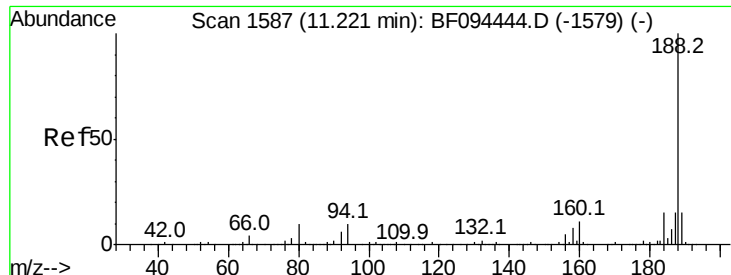
#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Tgt Ion:172 Resp: 1380153
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 11.20 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

Instrument :

BNA_F

ClientSampleId :

PB98413BL

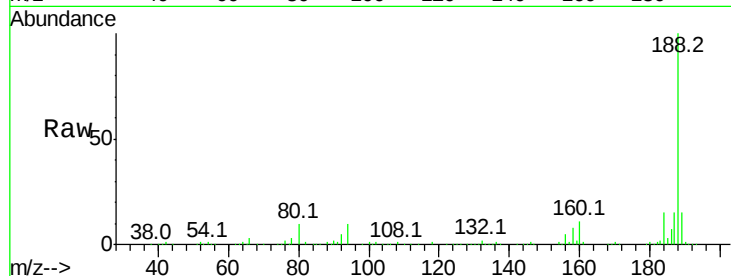
Tot Ion:188 Resp: 450299

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

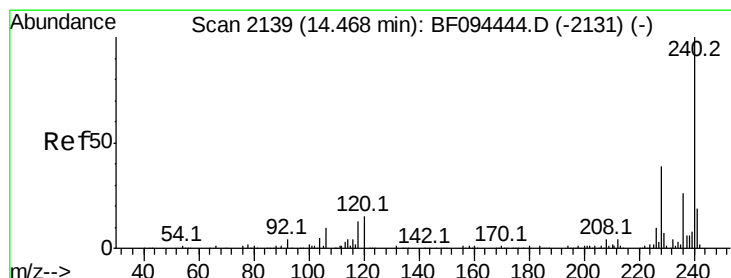
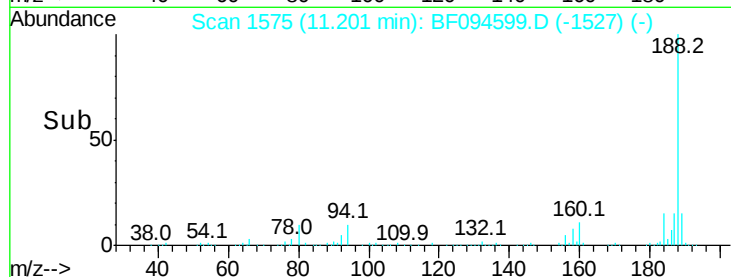
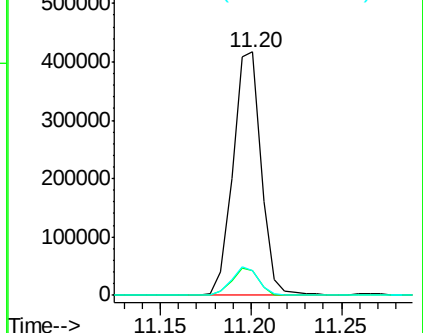
80 10.3 10.2 15.2



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: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094599.D

Acq: 25 Apr 2017 12:26

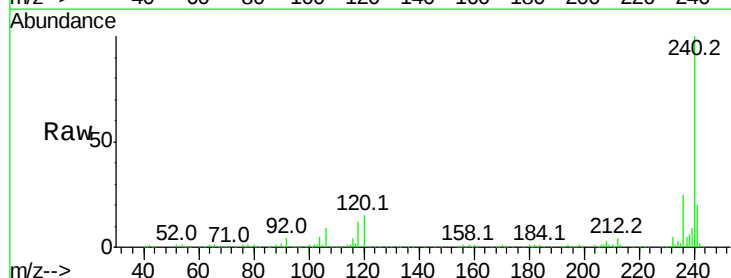
Tgt Ion:240 Resp: 389964

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

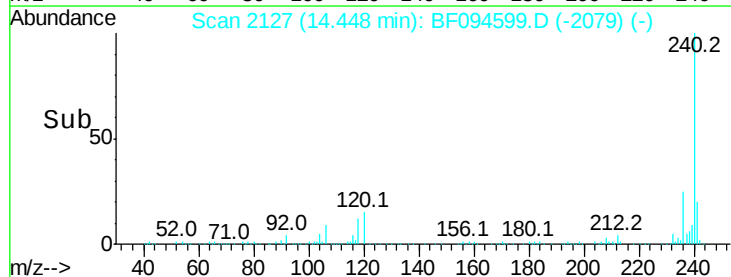
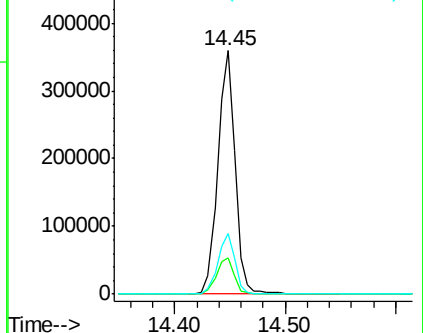
236 25.0 20.5 30.7

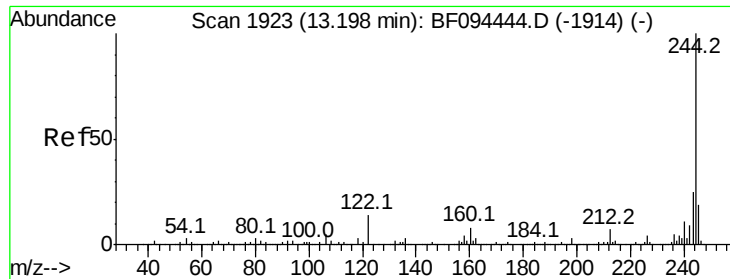


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

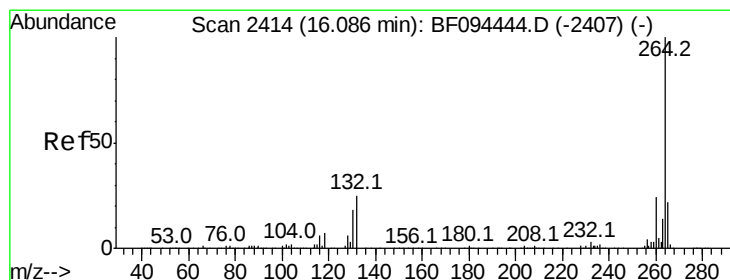
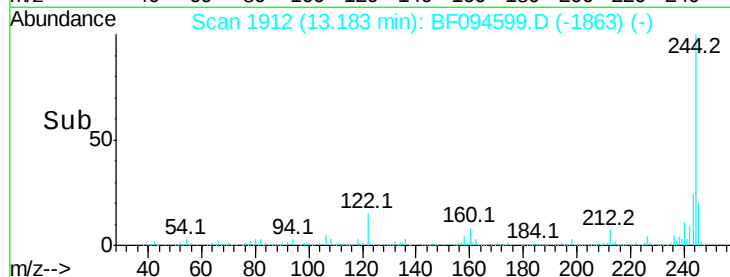
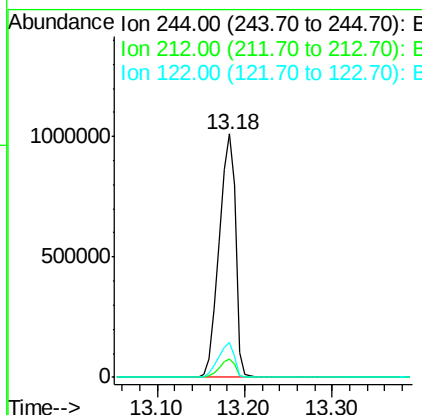
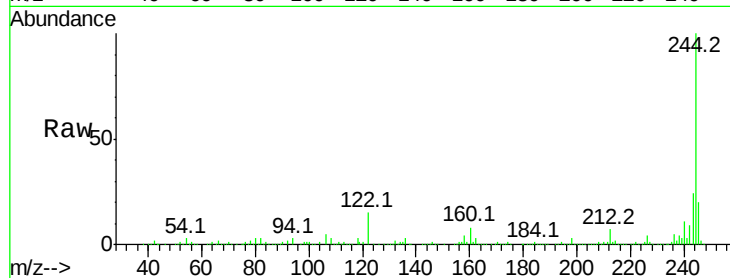




#78
 Terphenyl-d14
 Concen: 90.84 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98413BL

Tot Ion:244 Resp: 1325240
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094599.D
 Acq: 25 Apr 2017 12:26

Tgt Ion:264 Resp: 278747
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 17.2 25.8

