

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094728.D
 Acq On : 30 Apr 2017 21:25
 Operator : SJ/MA
 Sample : I2860-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-32

Quant Time: May 01 03:57:32 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

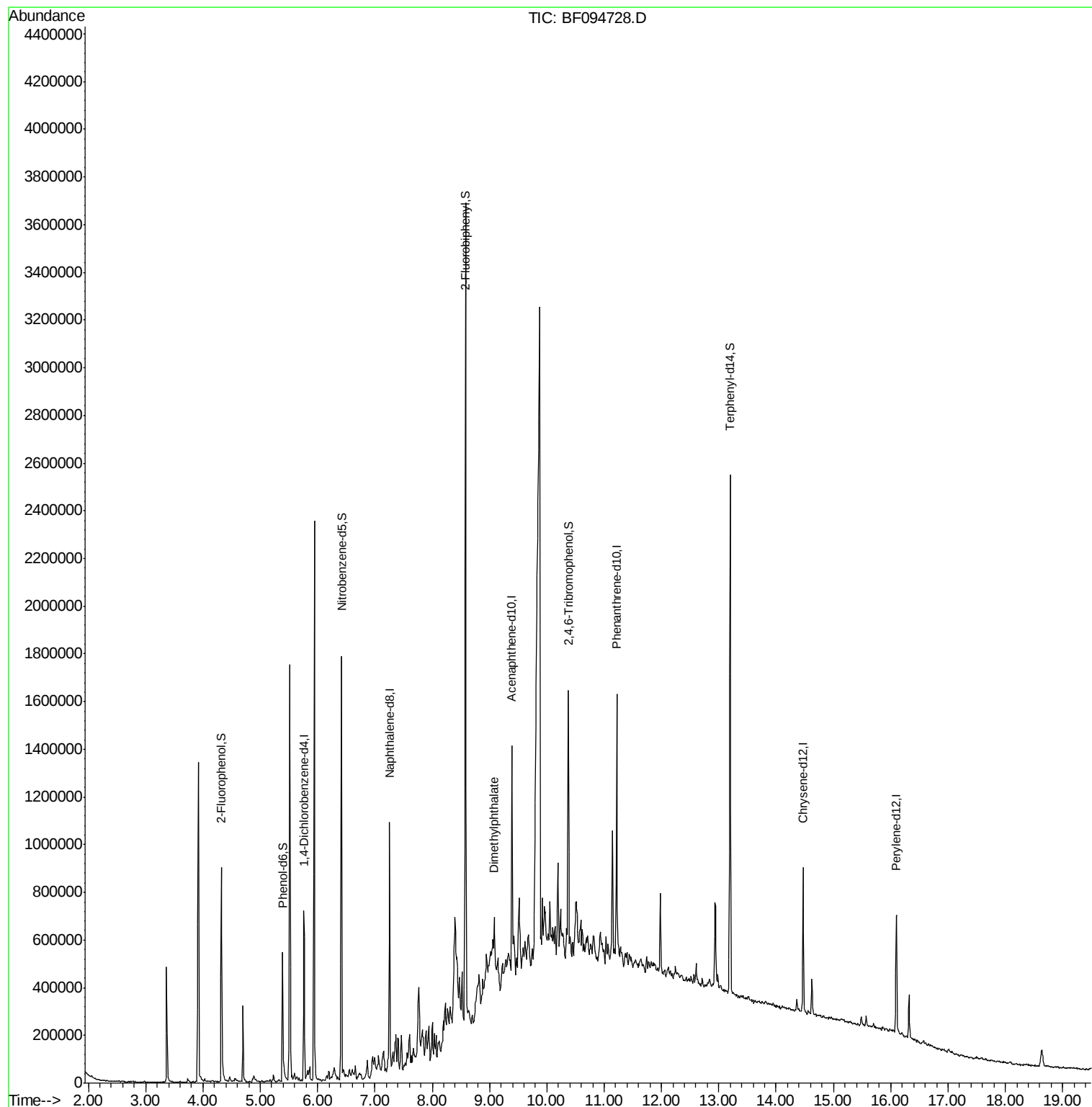
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	116538	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	468674	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	210454	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	352503	20.00	ng	0.00
75) Chrysene-d12	14.47	240	236620	20.00	ng	0.00
86) Perylene-d12	16.10	264	211927	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	296483	42.21	ng	0.02
7) Phenol-d6	5.39	99	249548	30.13	ng	0.00
23) Nitrobenzene-d5	6.42	82	666624	87.83	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	162269	98.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1291258	90.28	ng	0.00
78) Terphenyl-d14	13.20	244	868894	98.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.08	163	71529	4.56	ng	Qvalue # 68

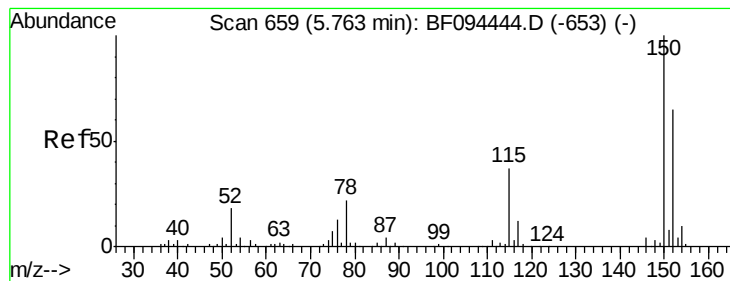
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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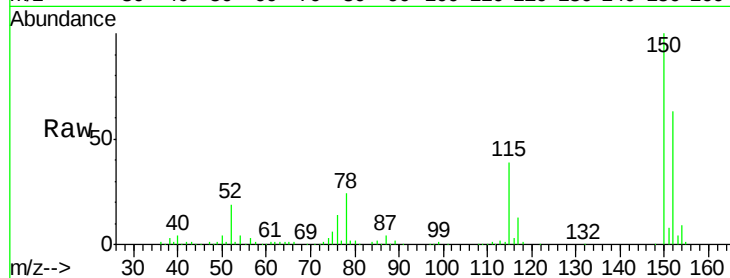


#1

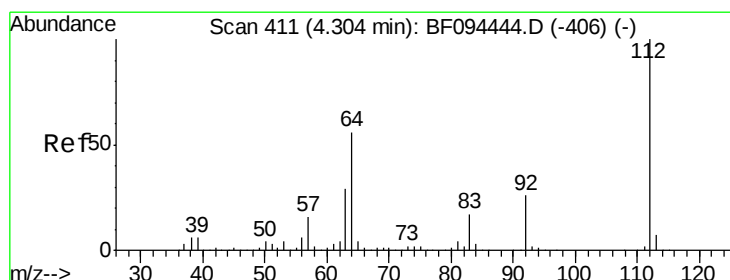
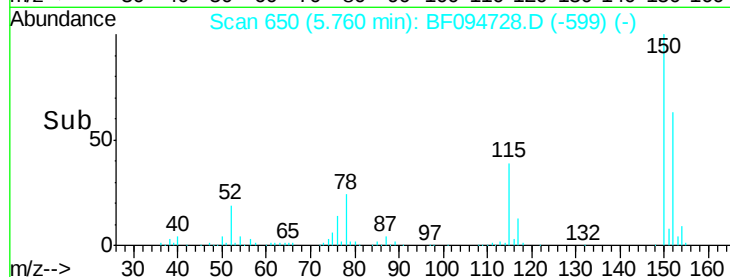
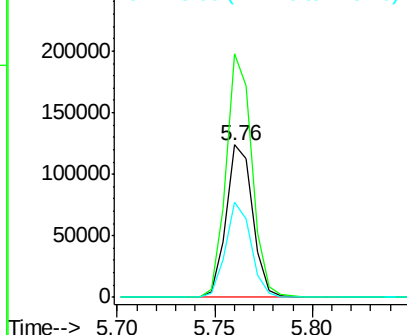
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

Instrument :
BNA_F
ClientSampled :
HW-32

Tot Ion:152 Resp: 116538
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 62.1 52.2 78.2



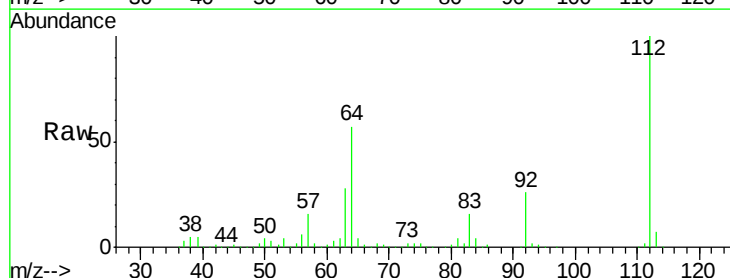
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



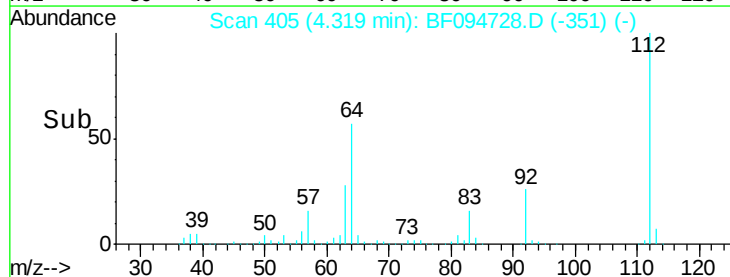
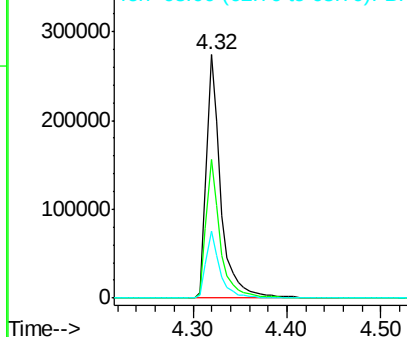
#5

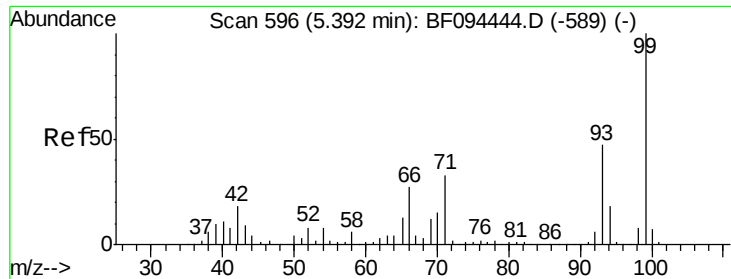
2-Fluorophenol
Concen: 42.21 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

Tgt Ion:112 Resp: 296483
Ion Ratio Lower Upper
112 100
64 56.9 46.0 69.0
63 27.8 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: 30.13 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampled :

HW-32

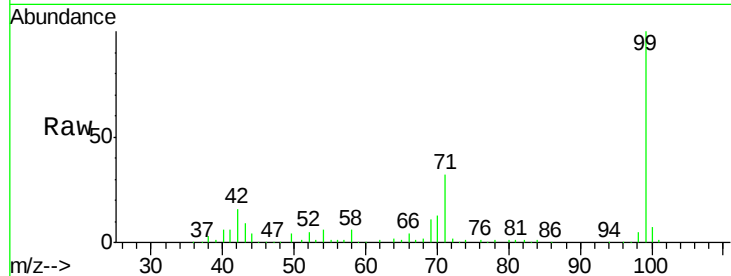
Tot Ion: 99 Resp: 249548

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

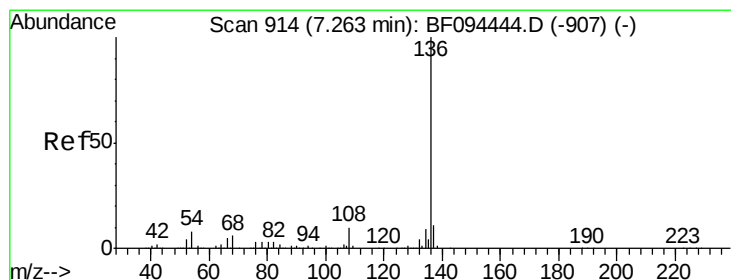
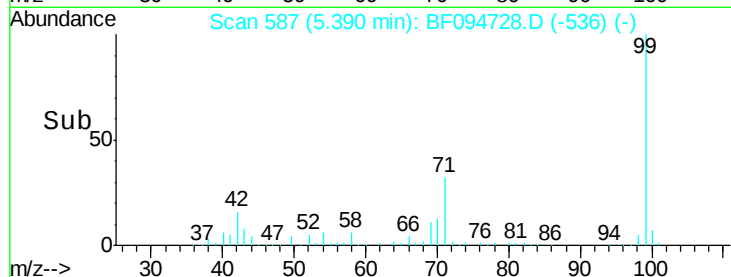
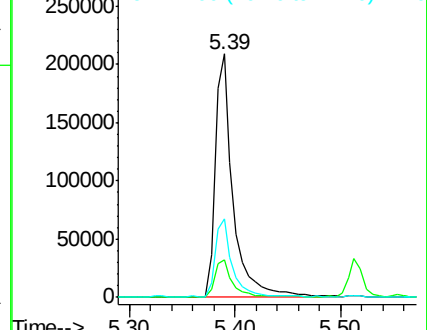
71 32.0 24.5 36.7



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: BF094728.D

Acq: 30 Apr 2017 21:25

Tgt Ion: 136 Resp: 468674

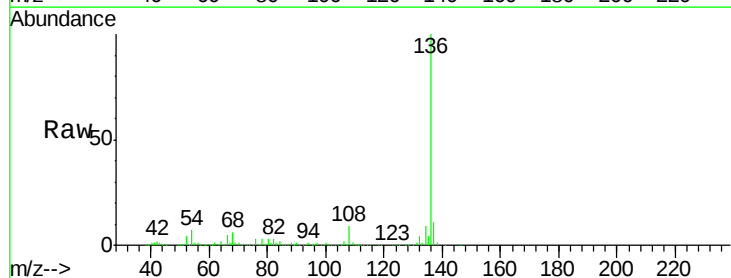
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 6.0 4.1 6.1

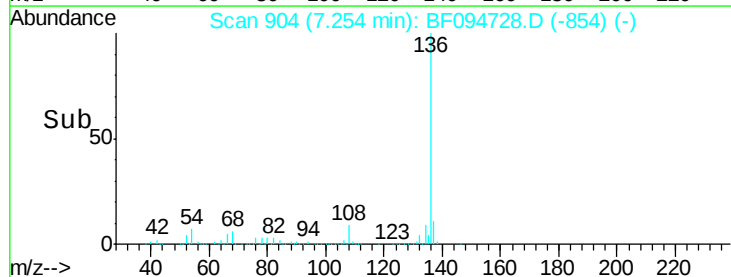
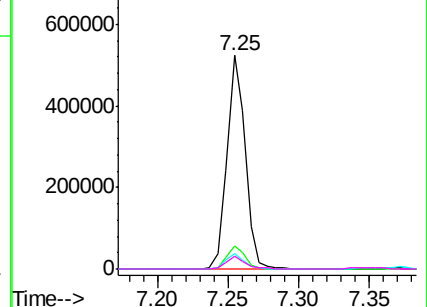


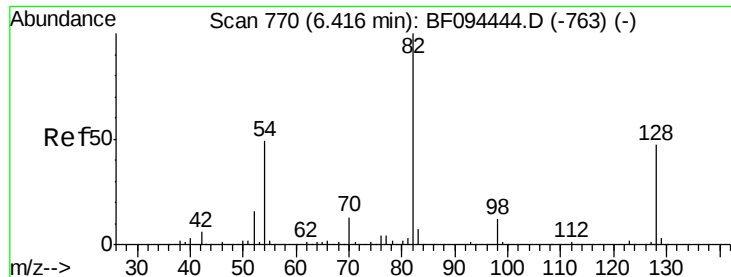
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.83 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

HW-32

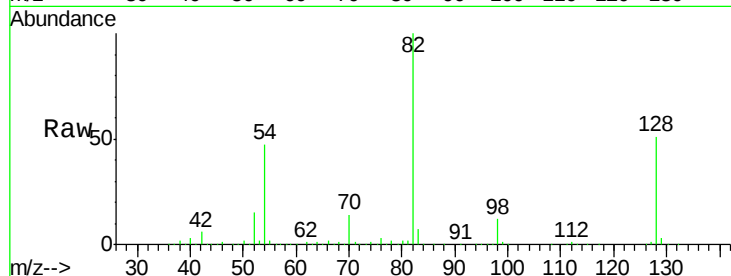
Tot Ion: 82 Resp: 666624

Ion Ratio Lower Upper

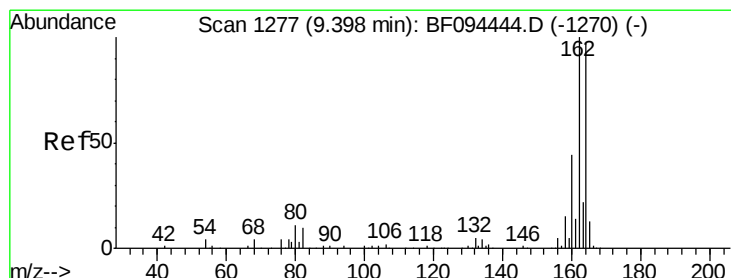
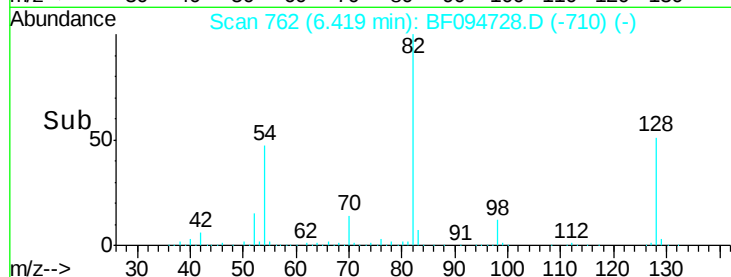
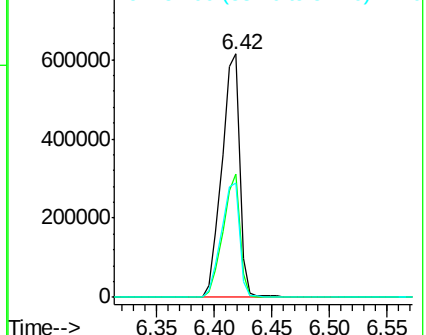
82 100

128 50.5 34.0 51.0

54 46.9 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: BF094728.D

Acq: 30 Apr 2017 21:25

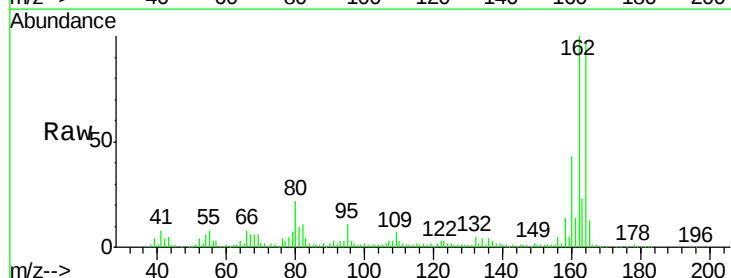
Tgt Ion:164 Resp: 210454

Ion Ratio Lower Upper

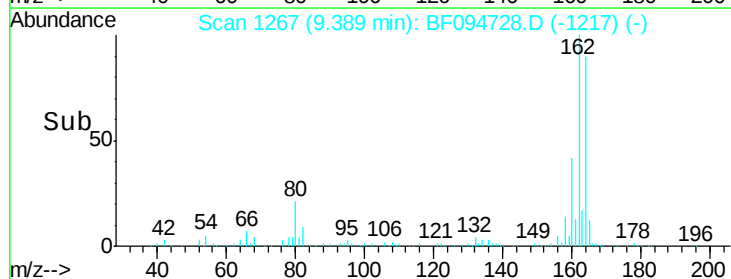
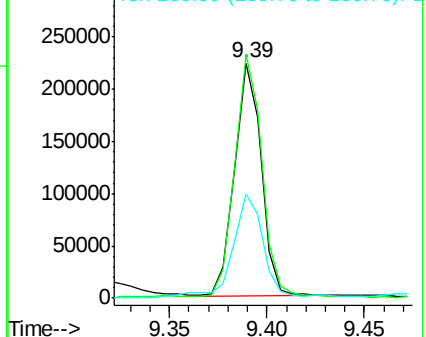
164 100

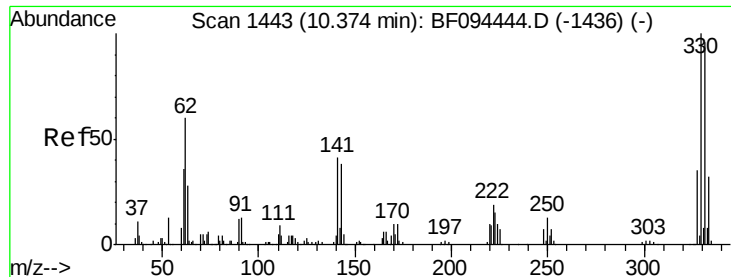
162 103.6 82.6 123.8

160 44.2 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

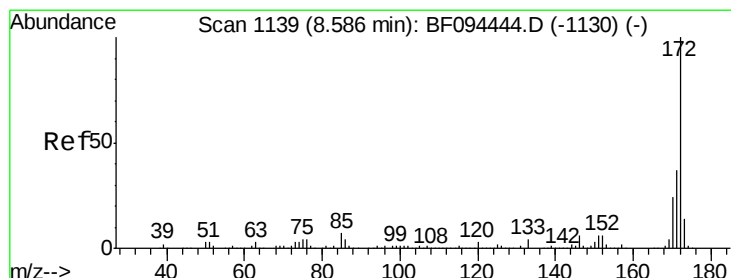
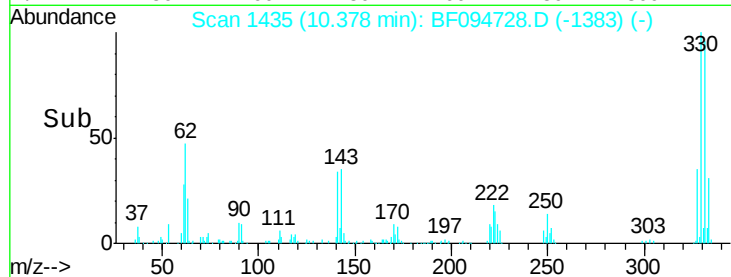
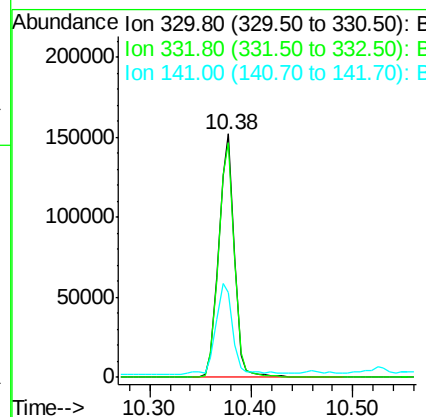
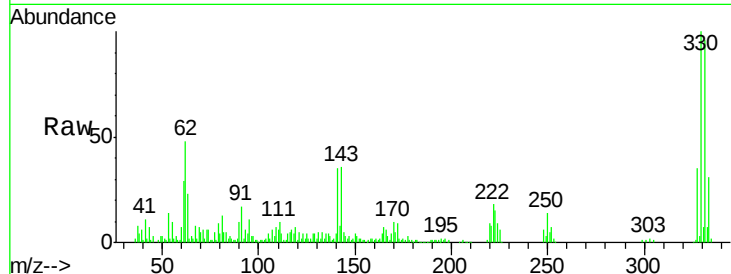




#41
 2,4,6-Tribromophenol
 Concen: 98.58 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094728.D
 Acq: 30 Apr 2017 21:25

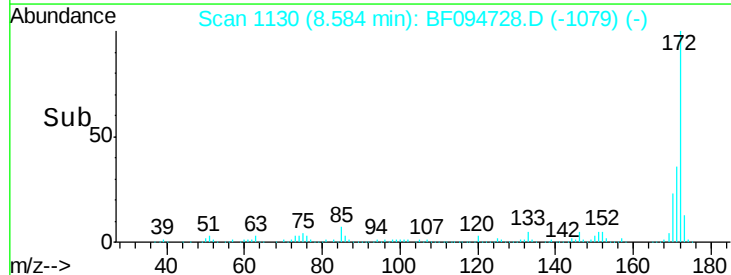
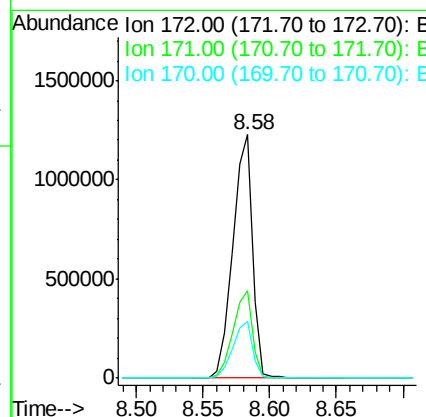
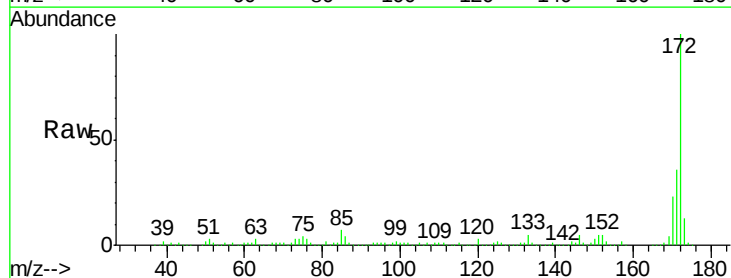
Instrument :
 BNA_F
 ClientSampleId :
 HW-32

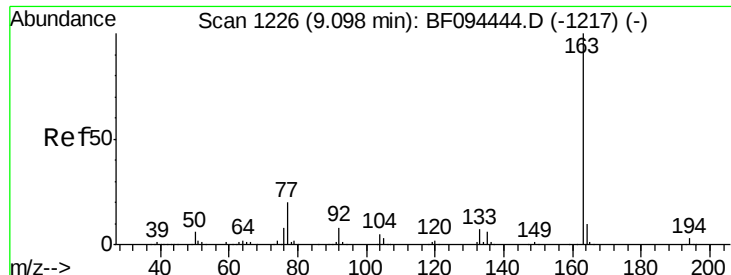
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	42.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 90.28 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094728.D
 Acq: 30 Apr 2017 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.1	19.8	29.8

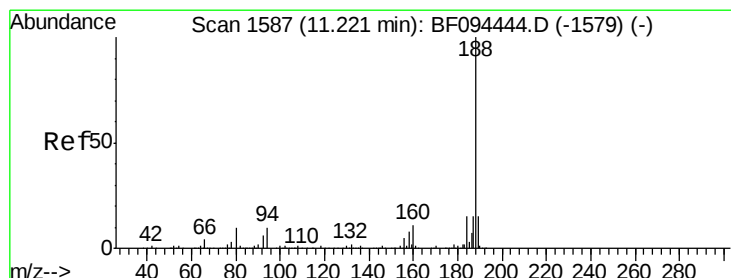
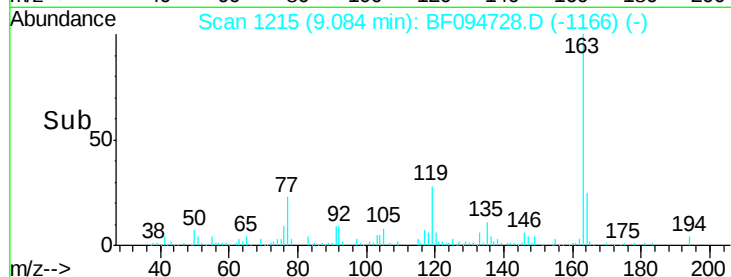
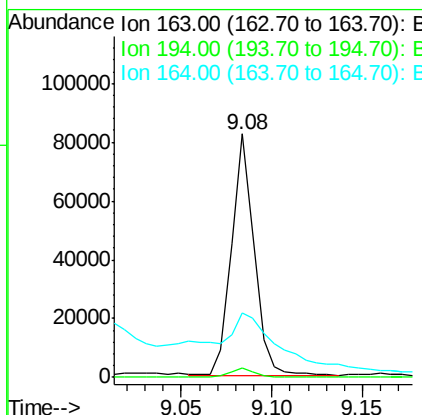
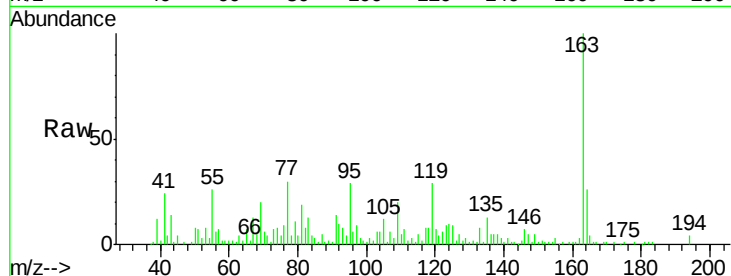




#49
Dimethylphthalate
Concen: 4.56 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

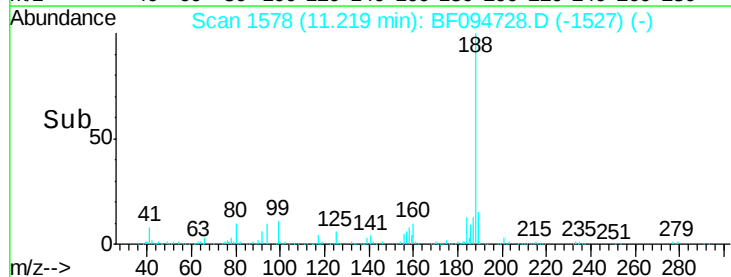
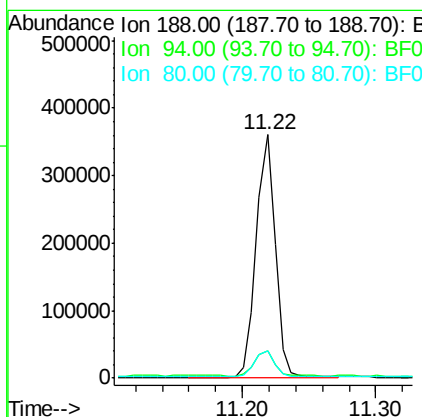
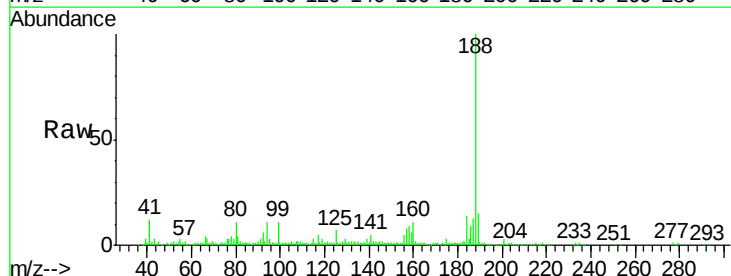
Instrument :
BNA_F
ClientSampleId :
HW-32

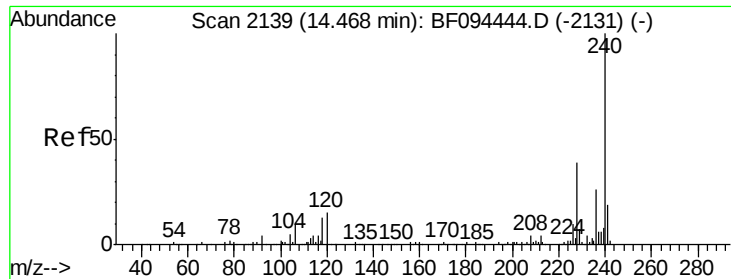
Tot Ion:163 Resp: 71529
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 26.3 8.4 12.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

Tgt Ion:188 Resp: 352503
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

HW-32

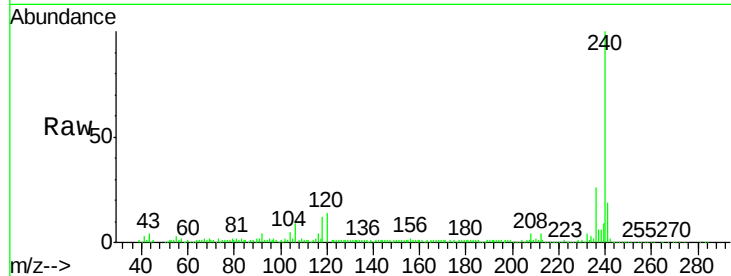
Tot Ion:240 Resp: 236620

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

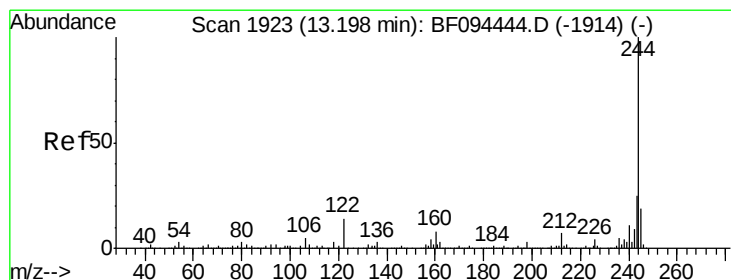
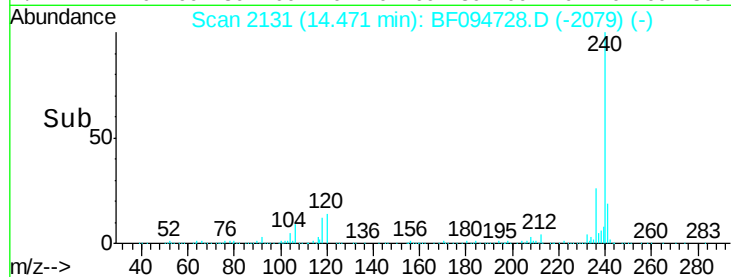
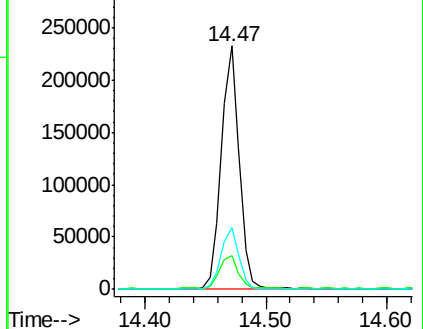
236 25.6 20.5 30.7



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: 98.15 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

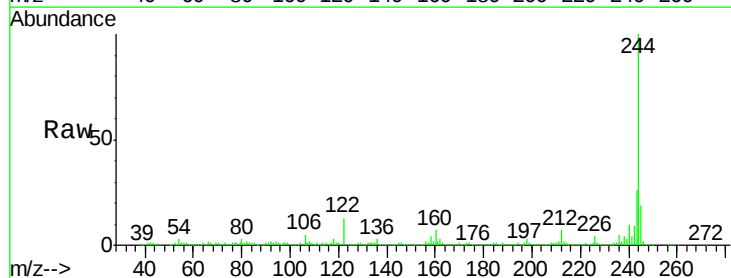
Tgt Ion:244 Resp: 868894

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

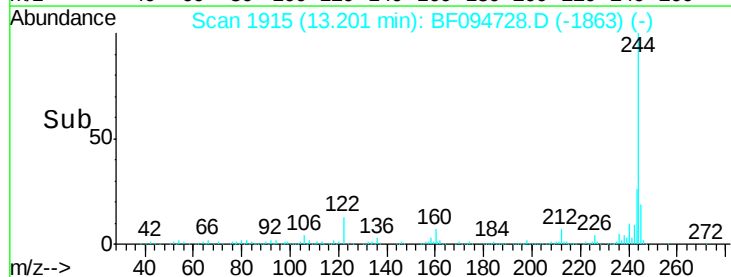
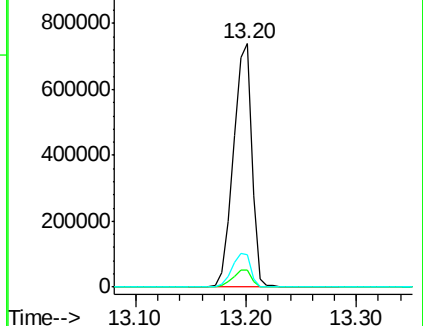
122 13.1 10.3 15.5

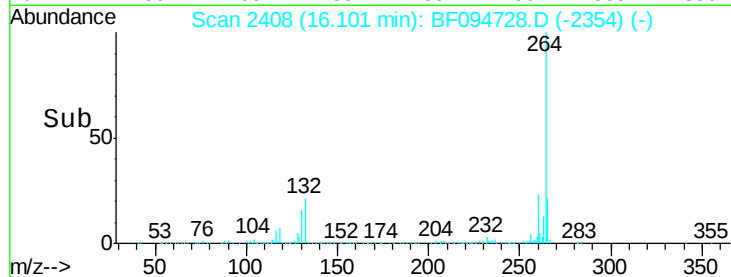
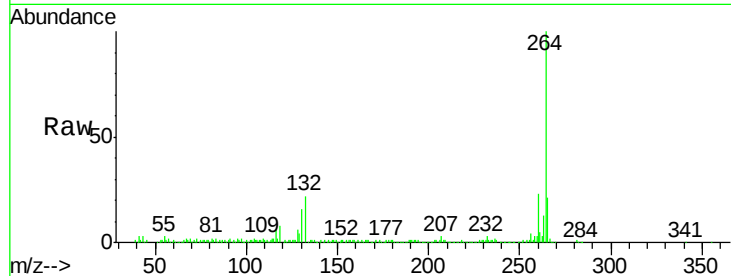
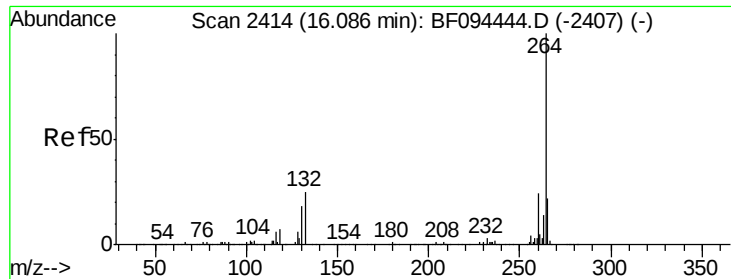


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

Instrument :
BNA_F
ClientSampleId :
HW-32

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.2	17.2	25.8

