

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094393.D
 Acq On : 13 Apr 2017 16:33
 Operator : SJ/MA
 Sample : PB98229BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BL

Quant Time: Apr 14 05:57:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	142691	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	577386	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	274156	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	507343	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	446063	20.00	ng	-0.06
86) Perylene-d12	16.12	264	373201	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1023314	121.13	ng	-0.03
7) Phenol-d6	5.42	99	1289140	123.35	ng	-0.05
23) Nitrobenzene-d5	6.43	82	799175	78.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	279289	128.92	ng	-0.04
44) 2-Fluorobiphenyl	8.61	172	1540620	85.71	ng	-0.05
78) Terphenyl-d14	13.23	244	1395619	70.13	ng	-0.05

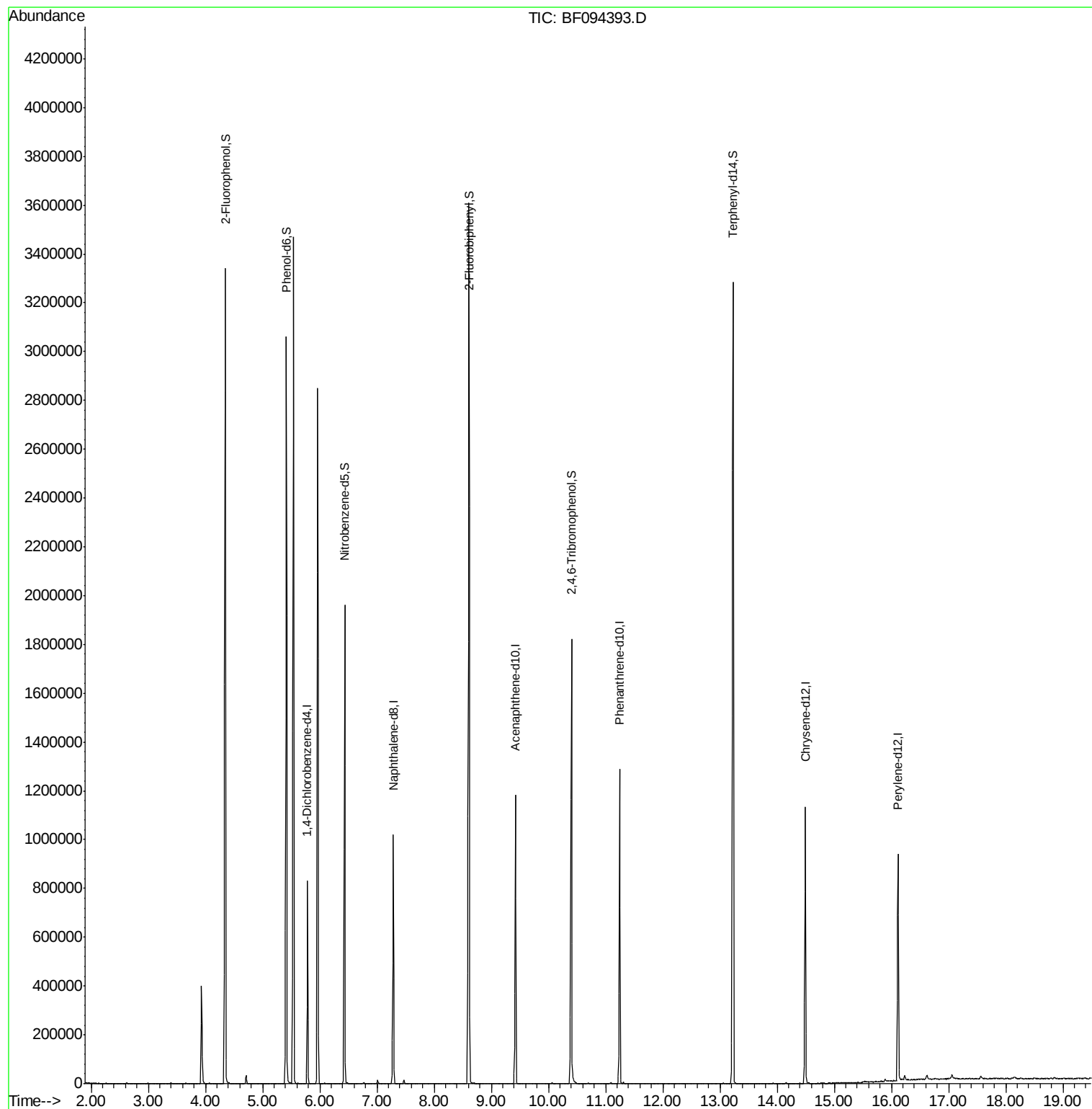
Target Compounds Qvalue

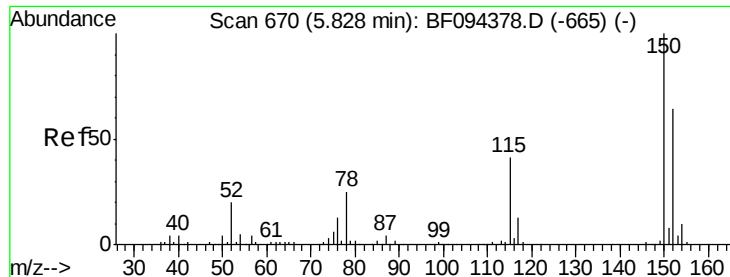
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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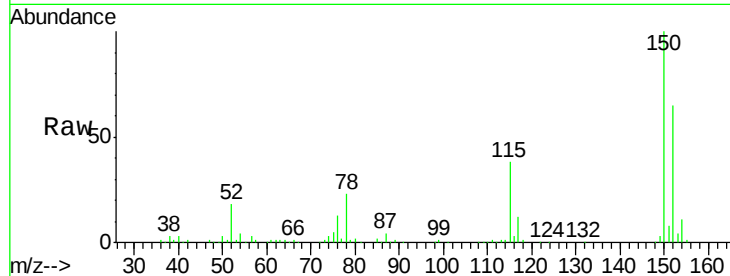


#1

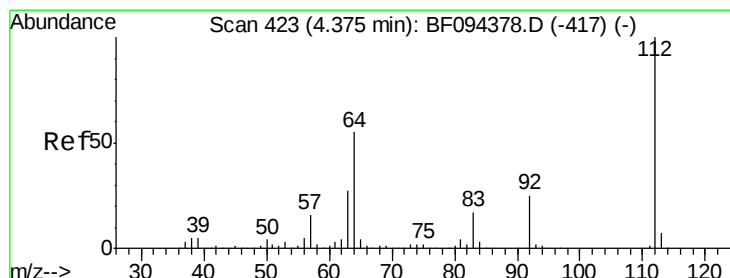
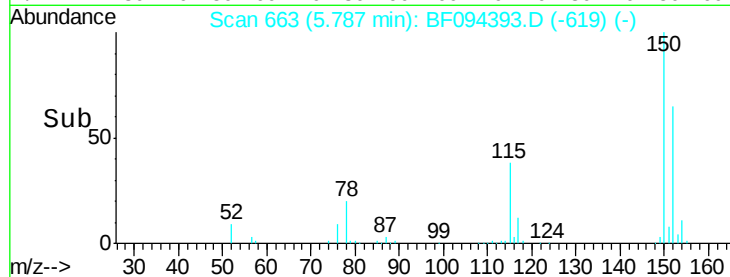
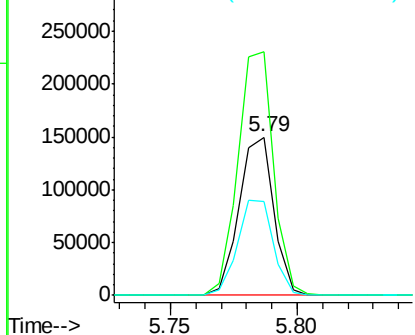
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094393.D
Acq: 13 Apr 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB98229BL

Tot Ion:152 Resp: 142691
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 59.2 52.2 78.2



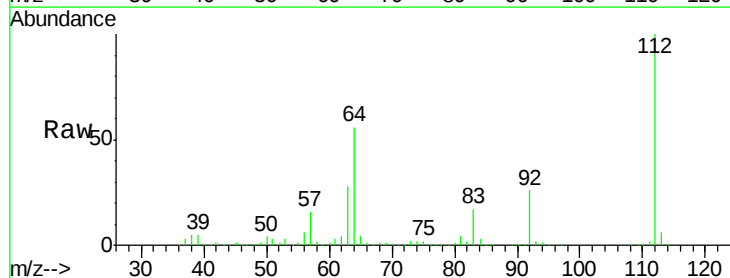
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



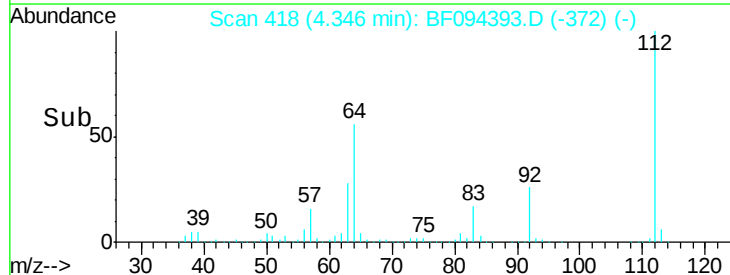
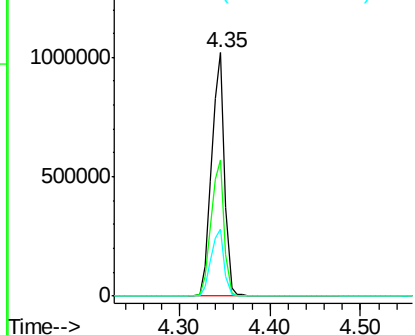
#5

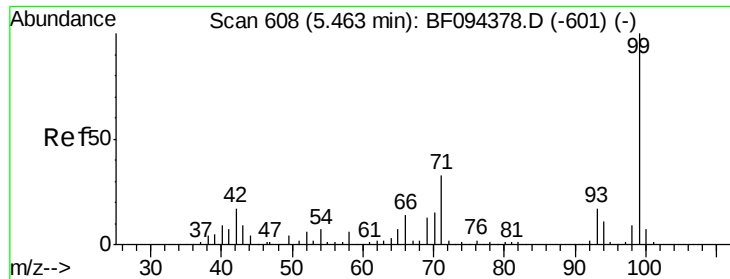
2-Fluorophenol
Concen: 121.13 ng
RT: 4.35 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF094393.D
Acq: 13 Apr 2017 16:33

Tgt Ion:112 Resp: 1023314
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 27.7 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: 5.42 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF094393.D

Acq: 13 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB98229BL

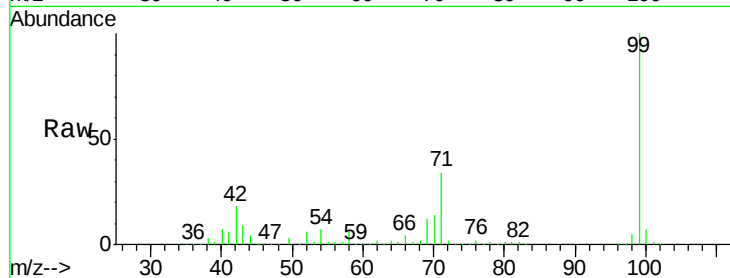
Tot Ion: 99 Resp: 1289140

Ion Ratio Lower Upper

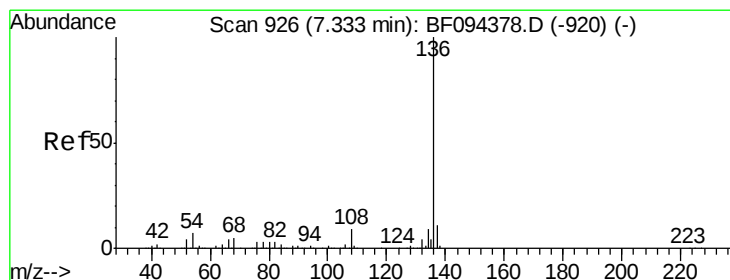
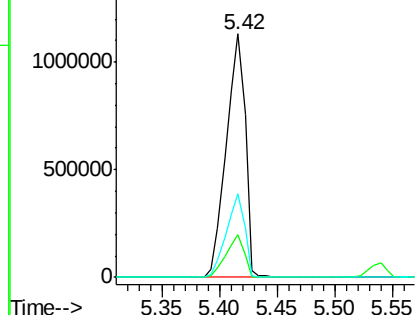
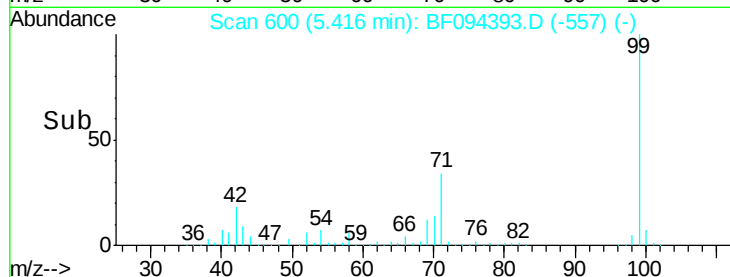
99 100

42 17.6 13.5 20.3

71 34.2 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: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094393.D

Acq: 13 Apr 2017 16:33

Tgt Ion: 136 Resp: 577386

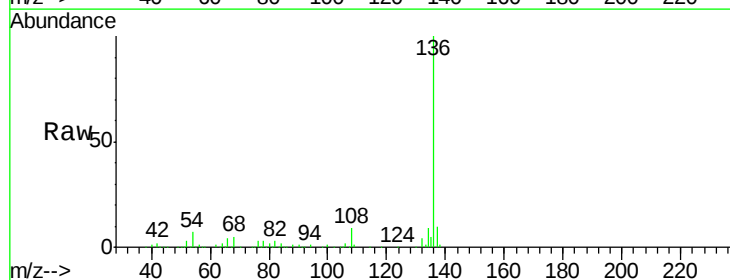
Ion Ratio Lower Upper

136 100

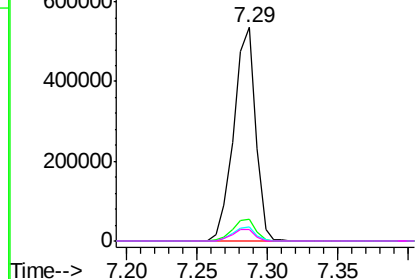
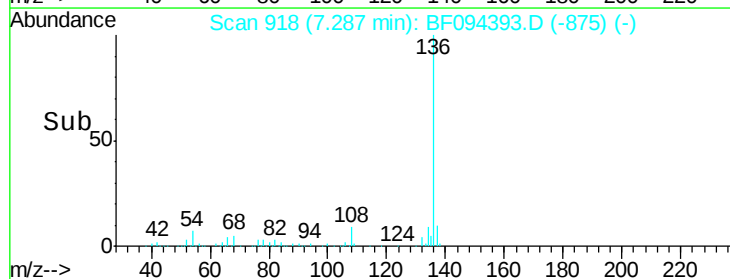
137 10.5 8.5 12.7

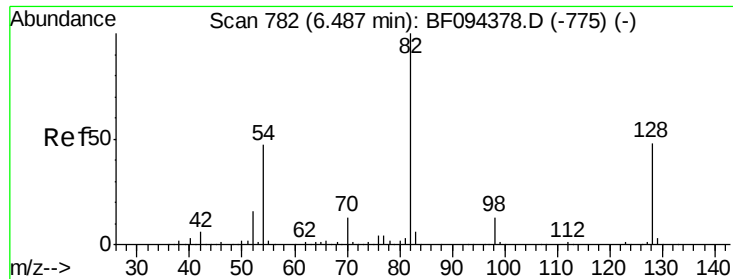
54 6.5 4.9 7.3

68 5.4 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

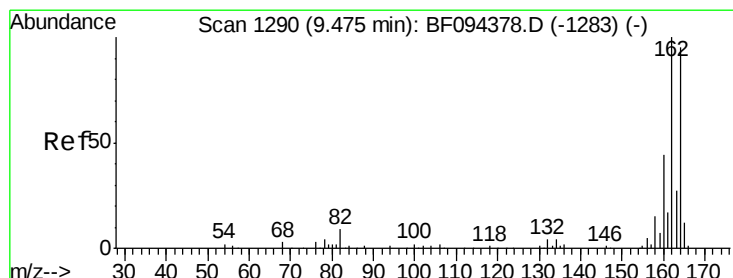
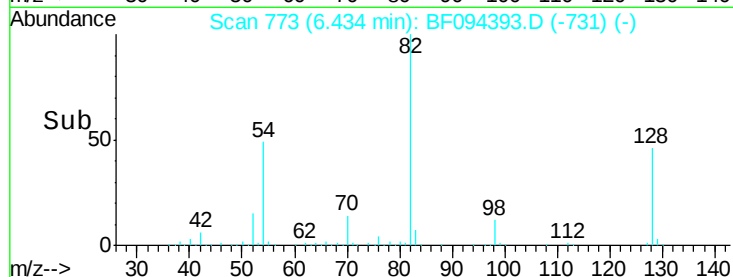
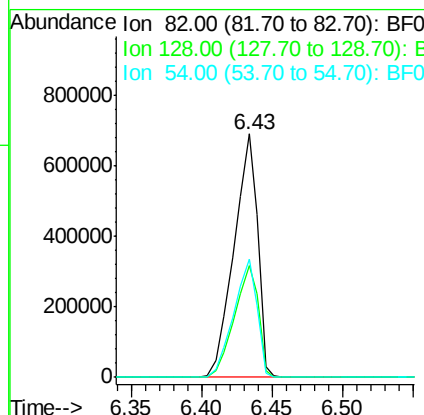
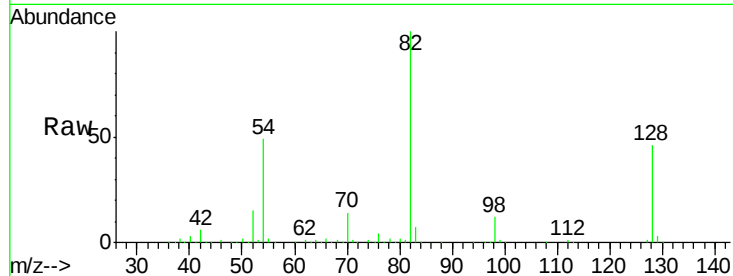




#23
 Nitrobenzene-d5
 Concen: 78.99 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.05 min
 Lab File: BF094393.D
 Acq: 13 Apr 2017 16:33

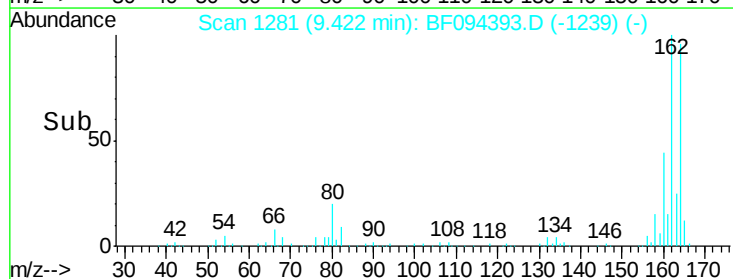
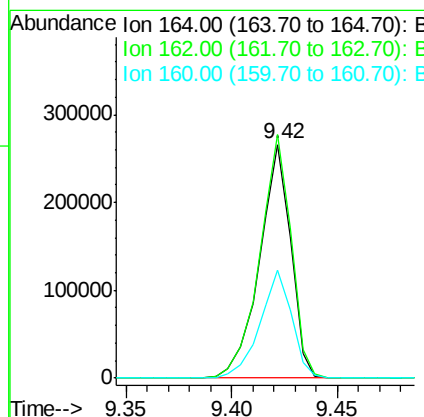
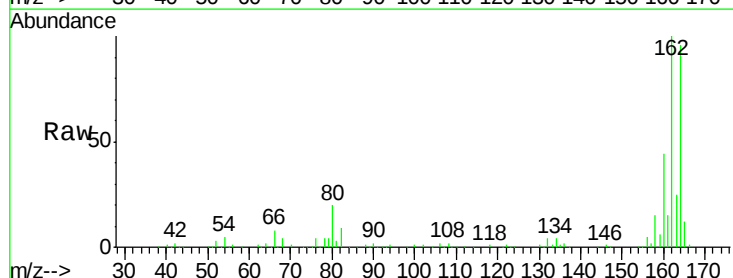
Instrument :
 BNA_F
 ClientSampleID :
 PB98229BL

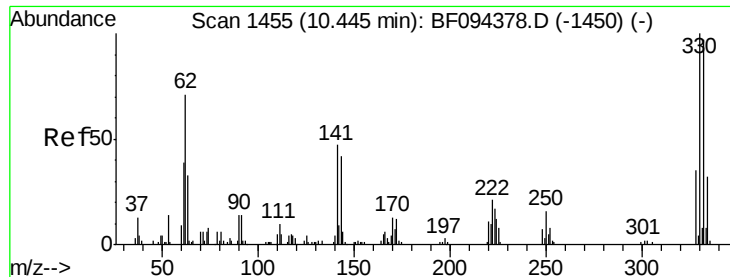
Tot Ion	82	Resp	799175
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.0	51.0
54	48.6	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094393.D
 Acq: 13 Apr 2017 16:33

Tgt Ion	164	Resp	274156
Ion Ratio	Lower	Upper	
164	100		
162	104.3	82.6	123.8
160	46.1	36.2	54.2

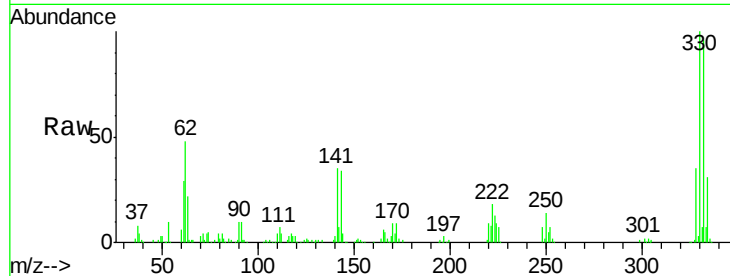




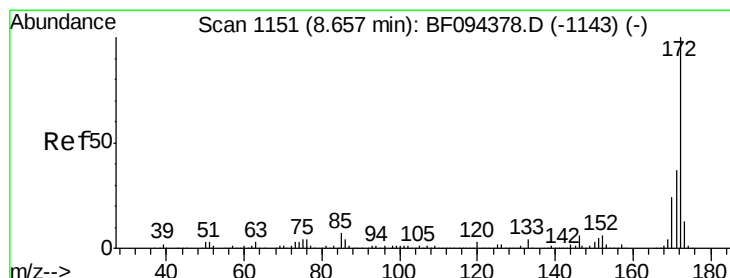
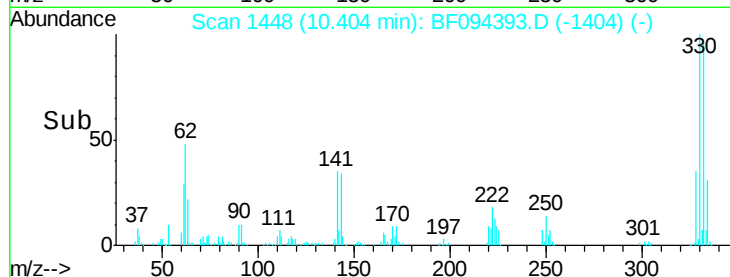
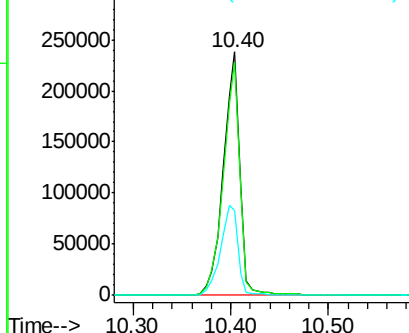
#41
 2,4,6-Tribromophenol
 Concen: 128.92 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.04 min
 Lab File: BF094393.D
 Acq: 13 Apr 2017 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB98229BL

Tot Ion:330 Resp: 279289
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 39.8 31.4 47.2

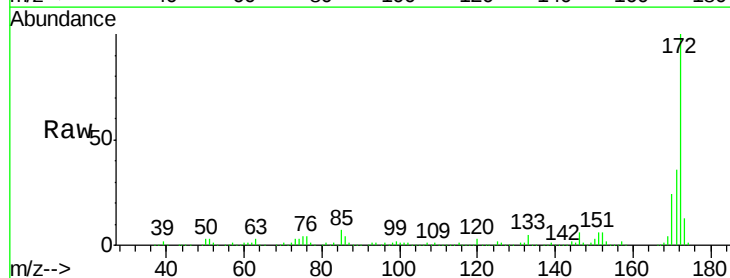


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

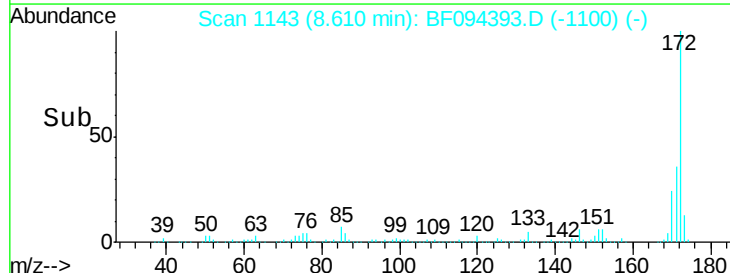
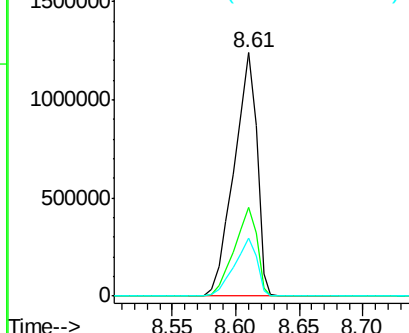


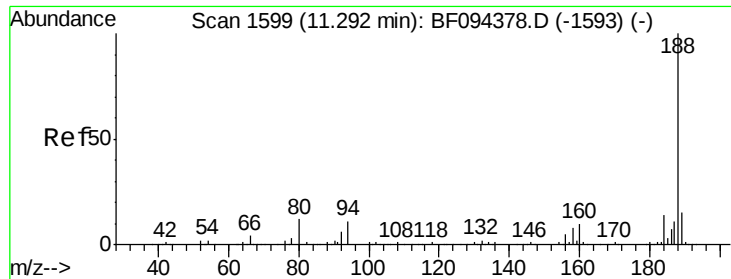
#44
 2-Fluorobiphenyl
 Concen: 85.71 ng
 RT: 8.61 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF094393.D
 Acq: 13 Apr 2017 16:33

Tgt Ion:172 Resp: 1540620
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 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

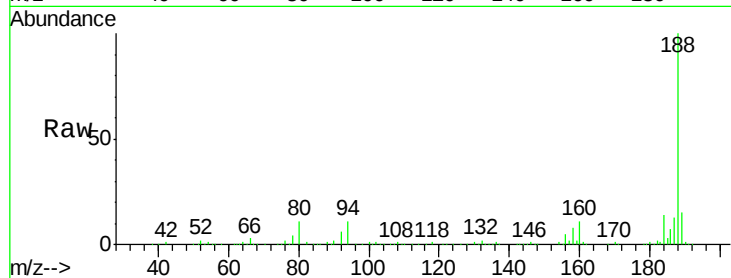




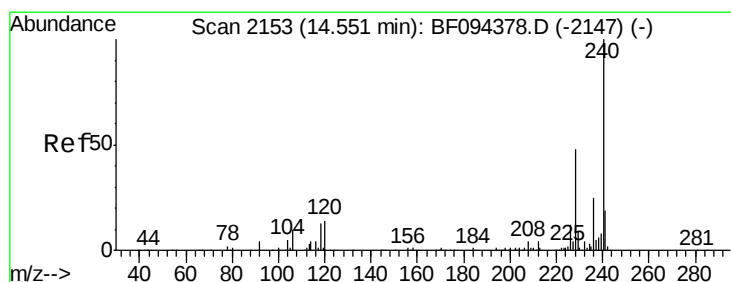
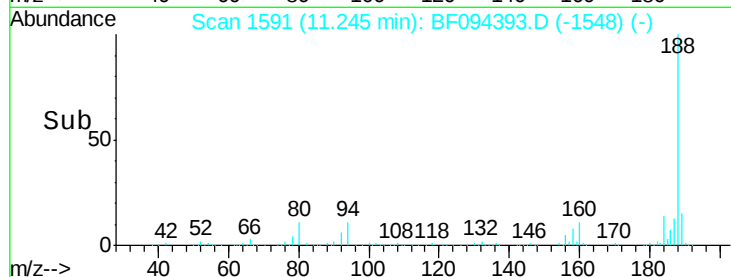
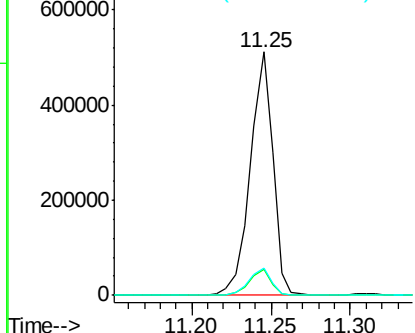
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094393.D
Acq: 13 Apr 2017 16:33

Instrument :
BNA_F
ClientSampleId :
PB98229BL

Tot Ion:188 Resp: 507343
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.4 10.2 15.2

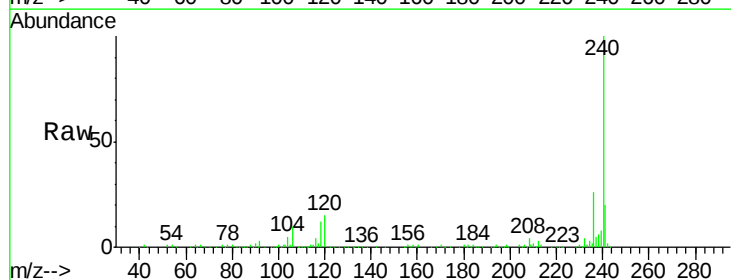


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

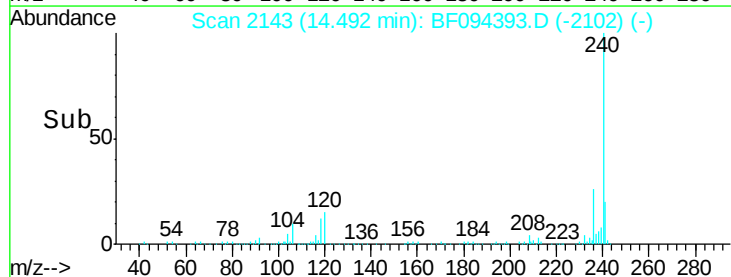
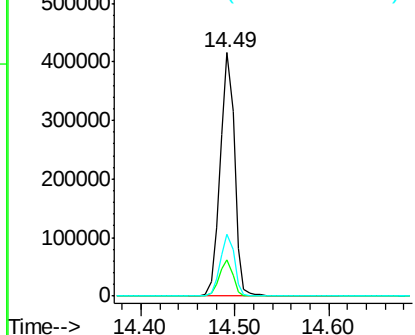


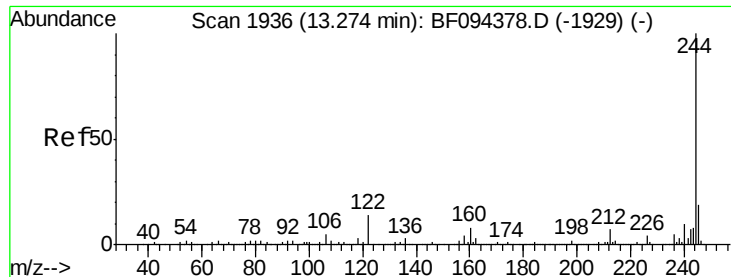
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094393.D
Acq: 13 Apr 2017 16:33

Tgt Ion:240 Resp: 446063
Ion Ratio Lower Upper
240 100
120 14.7 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: 70.13 ng

RT: 13.23 min Scan# 1928

Delta R.T. -0.05 min

Lab File: BF094393.D

Acq: 13 Apr 2017 16:33

Instrument :

BNA_F

ClientSampleId :

PB98229BL

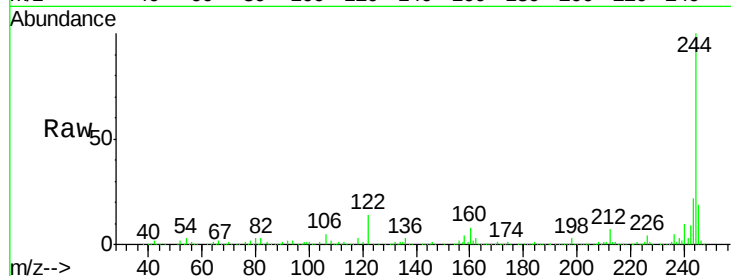
Tot Ion:244 Resp: 1395619

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

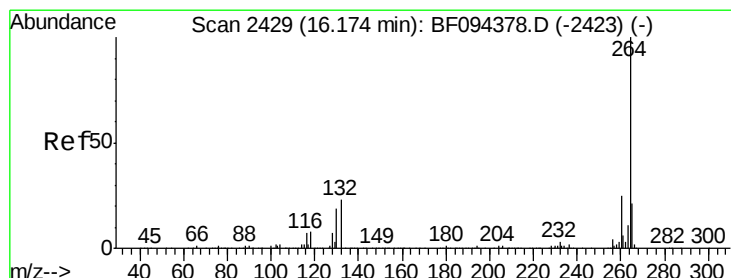
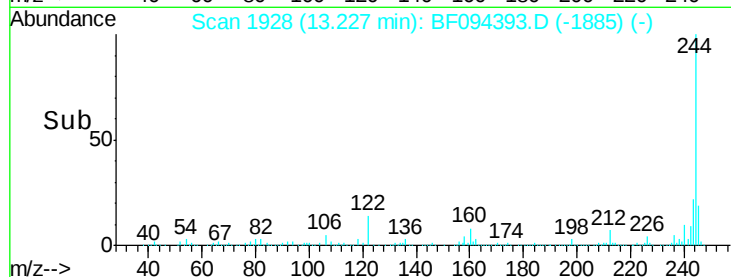
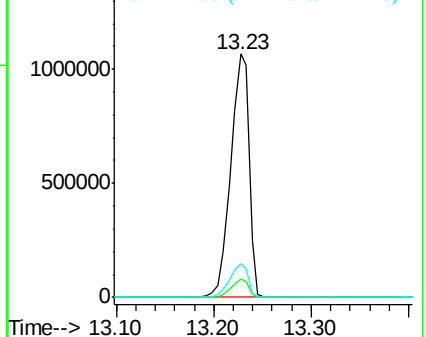
122 14.0 10.3 15.5



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: 16.12 min Scan# 2419

Delta R.T. -0.06 min

Lab File: BF094393.D

Acq: 13 Apr 2017 16:33

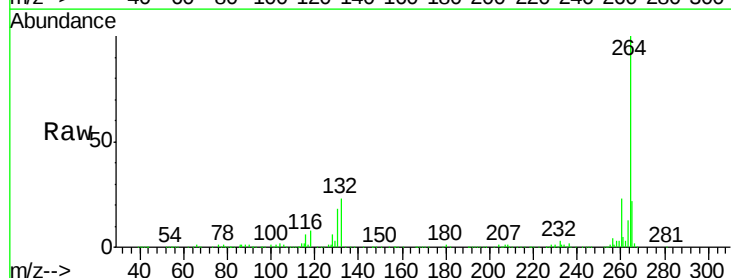
Tgt Ion:264 Resp: 373201

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.8 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

