

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093467.D
 Acq On : 9 Mar 2017 10:22
 Operator : SJ/MA
 Sample : I2127-28
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-23

Quant Time: Mar 09 10:50:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	179648	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	711529	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	290946	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	439625	20.00	ng	0.01
75) Chrysene-d12	13.93	240	386683	20.00	ng	0.01
86) Perylene-d12	15.35	264	293035	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1436468	133.08	ng	0.02
7) Phenol-d6	6.42	99	1799246	132.18	ng	0.01
23) Nitrobenzene-d5	7.34	82	1249428	97.43	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	235097	124.02	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1793372	114.65	ng	0.00
78) Terphenyl-d14	12.87	244	1079149	72.56	ng	0.00

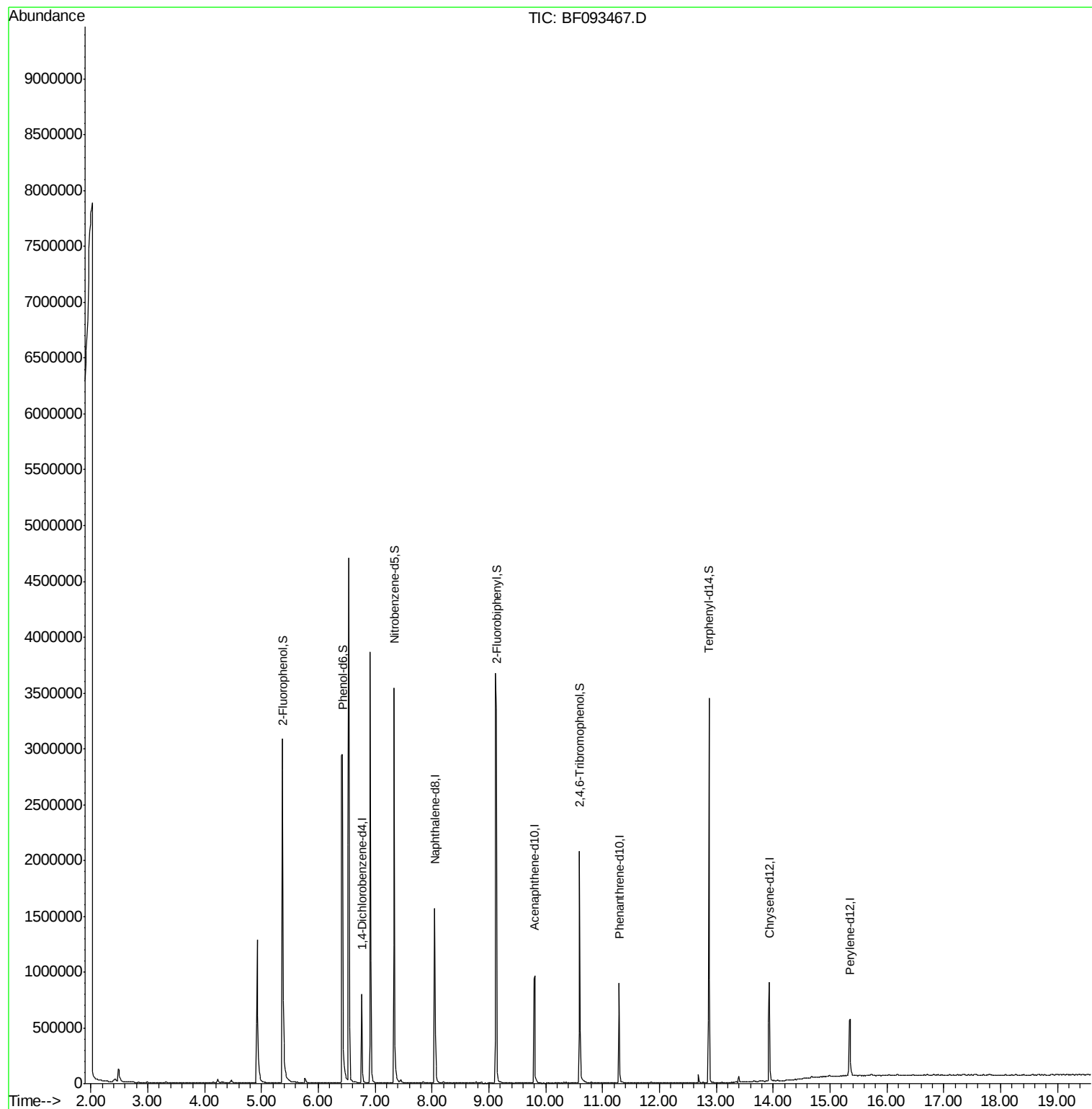
Target Compounds Qvalue

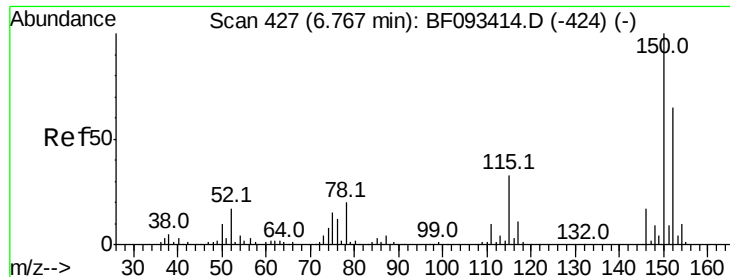
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Instrument :

BNA_F

ClientSampleId :

D-23

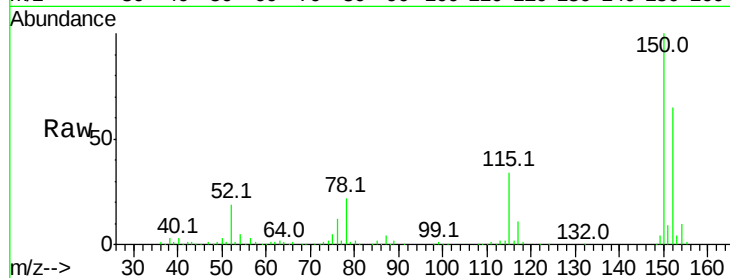
Tot Ion:152 Resp: 179648

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

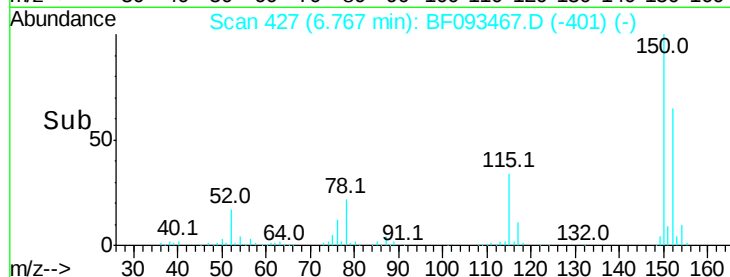
115 52.8 46.0 69.0



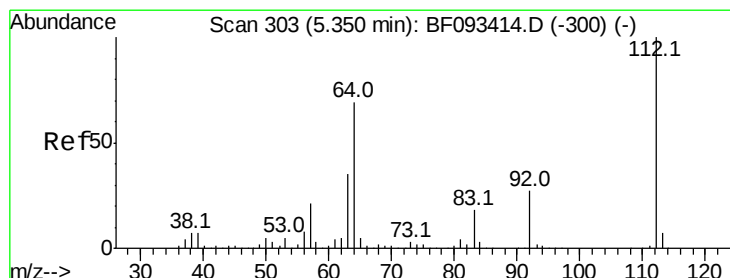
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 133.08 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

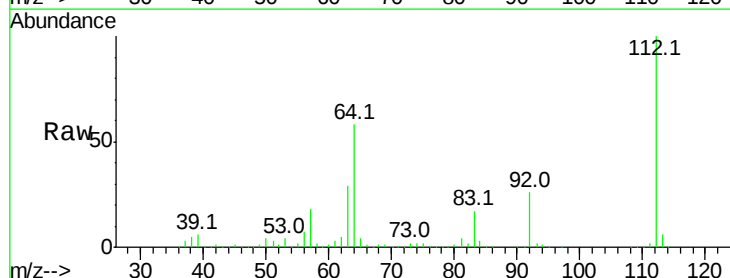
Tgt Ion:112 Resp: 1436468

Ion Ratio Lower Upper

112 100

64 57.8 46.1 69.1

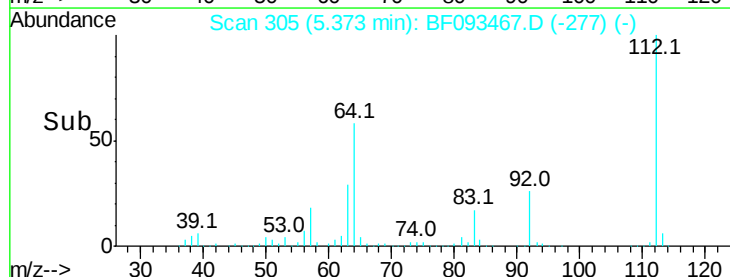
63 28.8 23.8 35.6



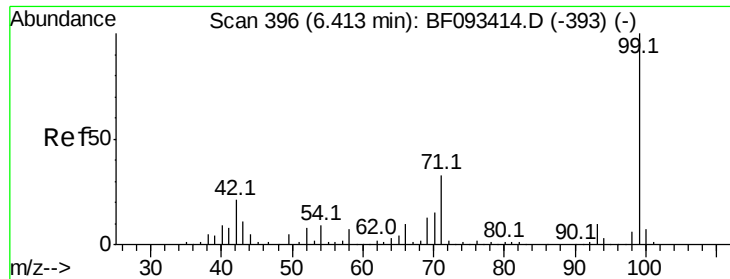
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 132.18 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Instrument :

BNA_F

ClientSampled :

D-23

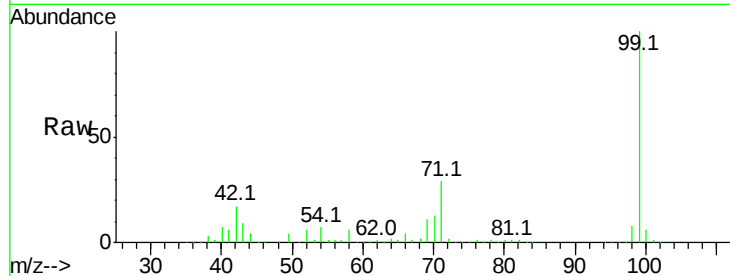
Tot Ion: 99 Resp: 1799246

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

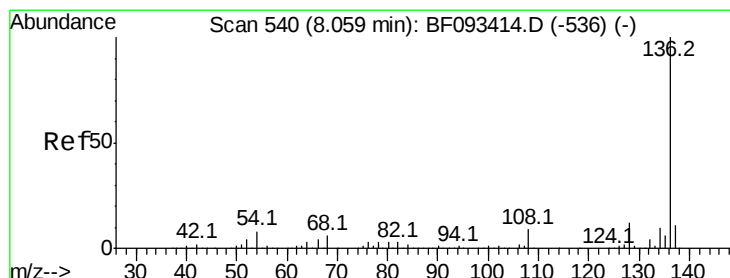
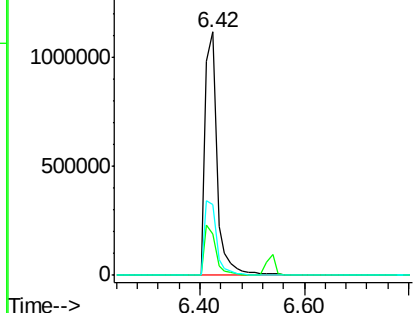
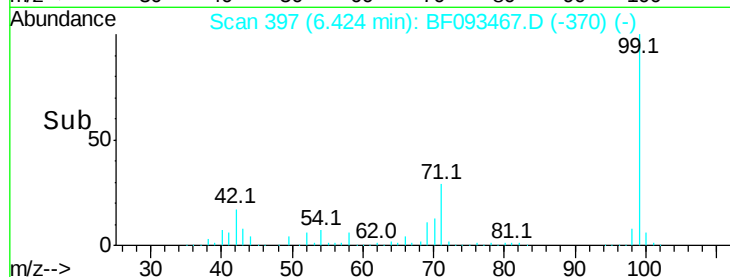
71 29.2 27.5 41.3



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: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093467.D

Acq: 9 Mar 2017 10:22

Tgt Ion:136 Resp: 711529

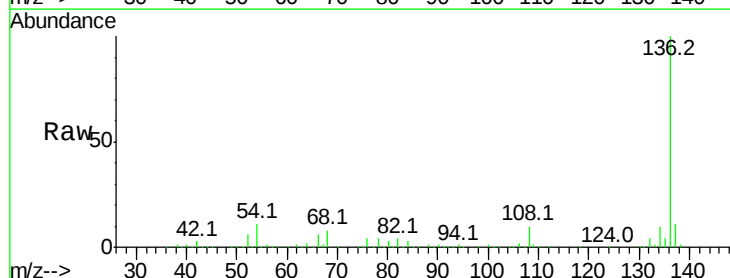
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.3 4.5 6.7#

68 8.2 3.6 5.4#

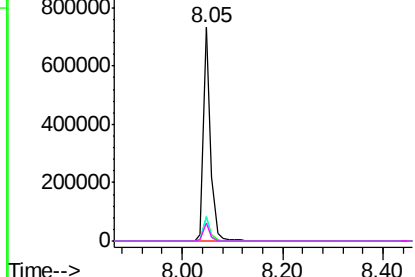
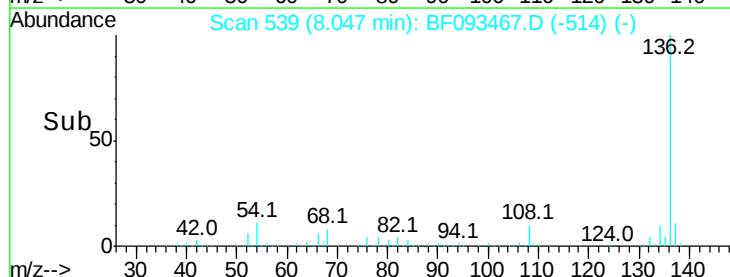


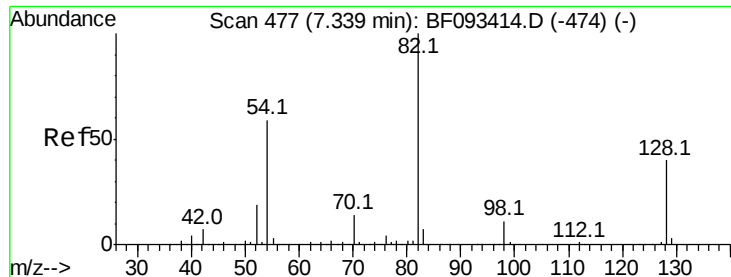
Abundance Ion 136.00 (135.70 to 136.70): E

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



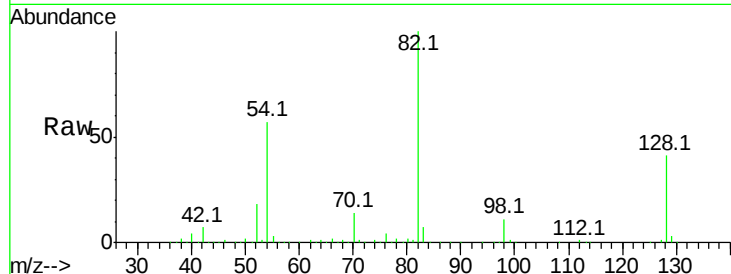


#23
 Nitrobenzene-d5
 Concen: 97.43 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

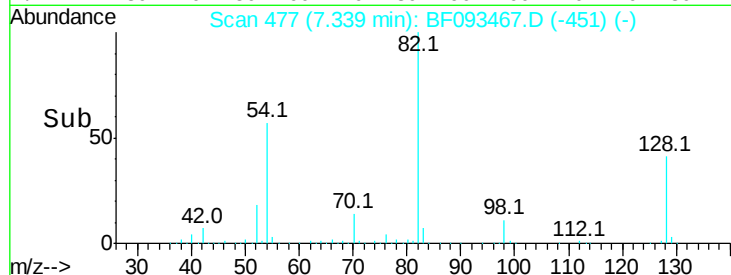
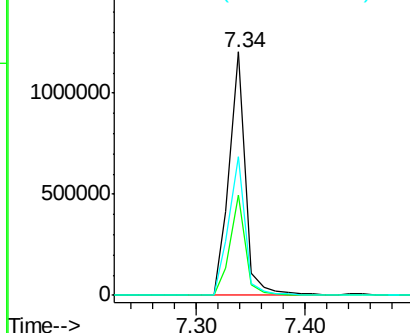
Instrument :
 BNA_F
 ClientSampleId :
 D-23

Tot Ion: 82 Resp: 1249428

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	57.1	39.5	59.3



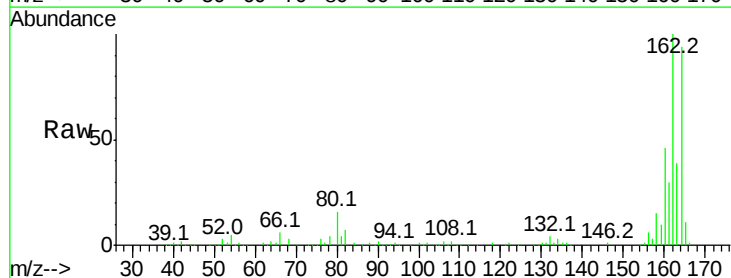
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



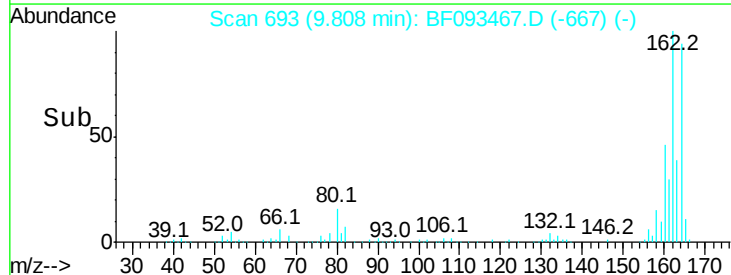
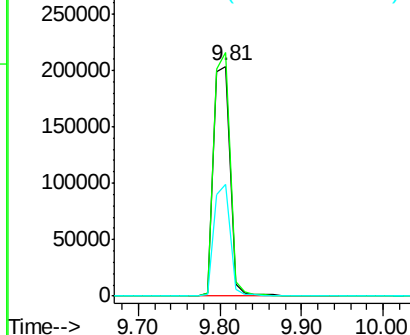
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

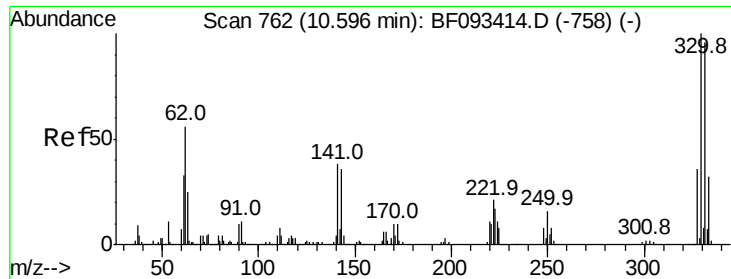
Tgt Ion: 164 Resp: 290946

Ion	Ratio	Lower	Upper
164	100		
162	105.9	80.2	120.2
160	48.4	36.9	55.3



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

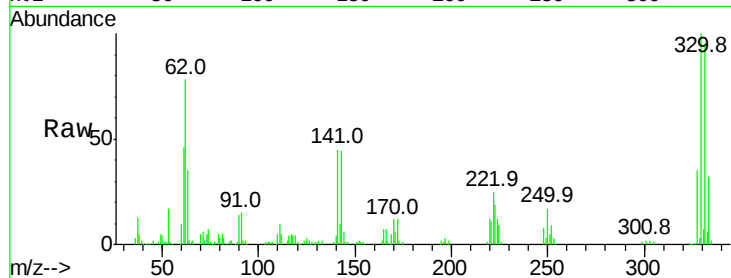




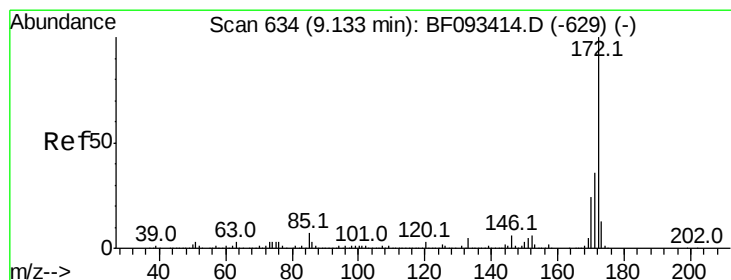
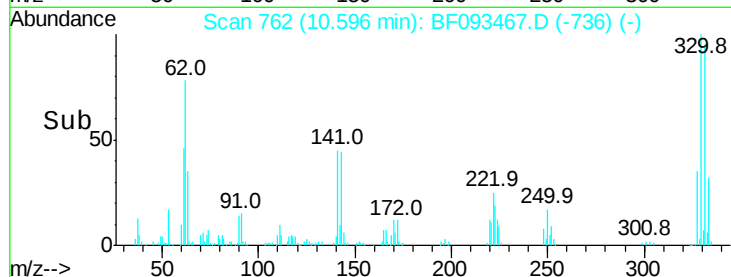
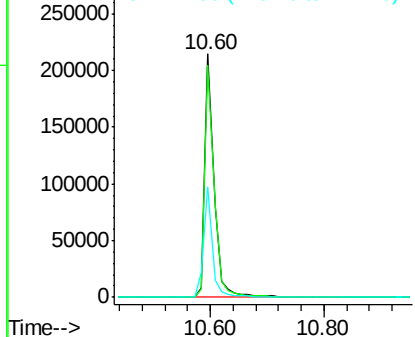
#41
 2,4,6-Tribromophenol
 Concen: 124.02 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :
 D-23

Tot Ion:330 Resp: 235097
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 43.7 34.1 51.1

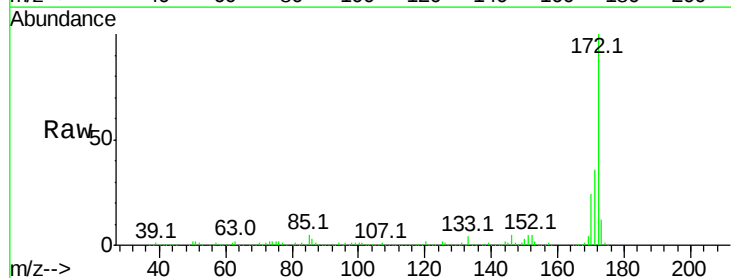


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

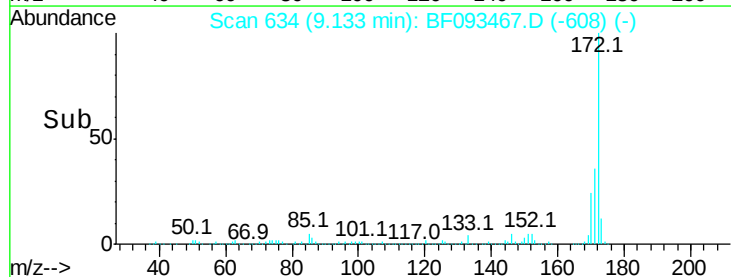
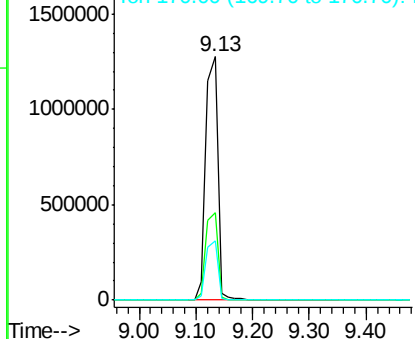


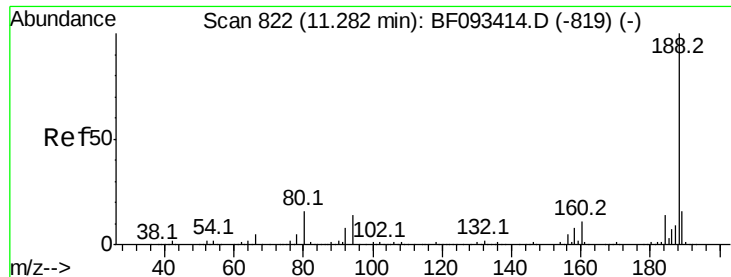
#44
 2-Fluorobiphenyl
 Concen: 114.65 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

Tgt Ion:172 Resp: 1793372
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 20.2 30.4



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

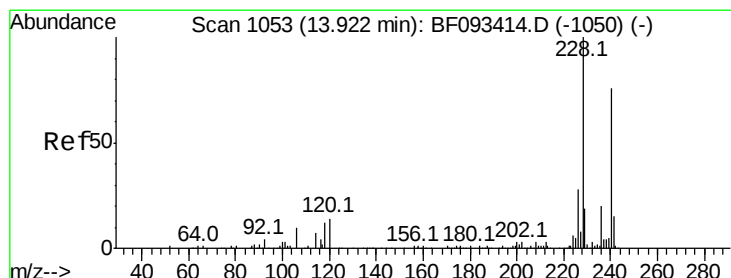
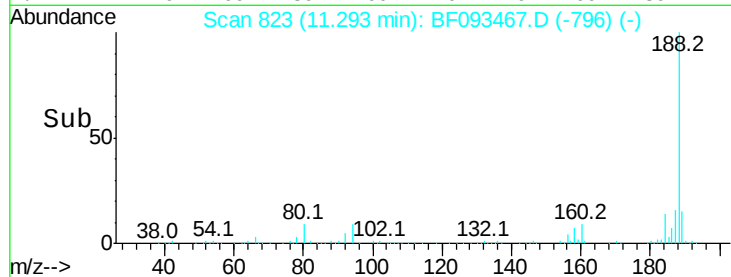
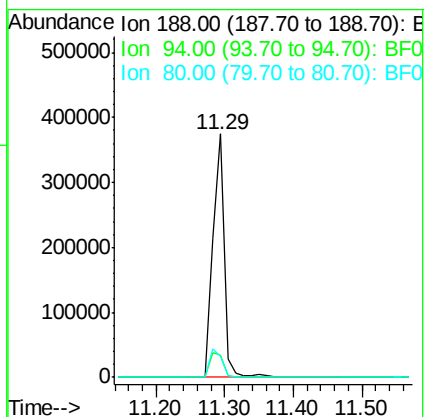
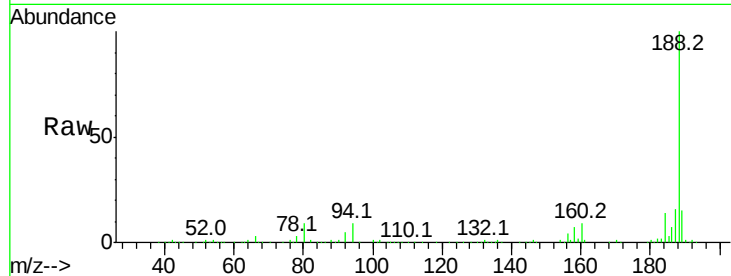




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093467.D
Acq: 9 Mar 2017 10:22

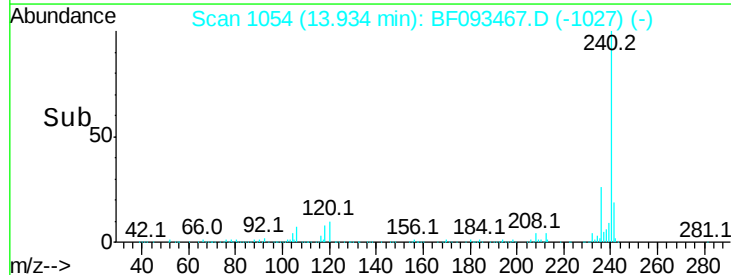
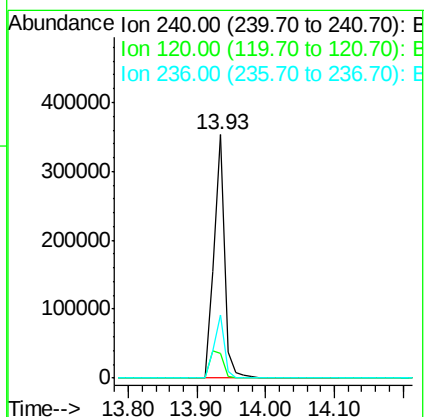
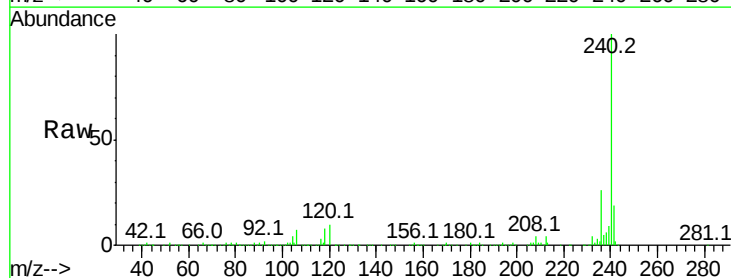
Instrument :
BNA_F
ClientSampleId :
D-23

Tot Ion:188 Resp: 439625
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 8.8 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093467.D
Acq: 9 Mar 2017 10:22

Tgt Ion:240 Resp: 386683
Ion Ratio Lower Upper
240 100
120 10.2 12.9 19.3#
236 26.1 20.9 31.3

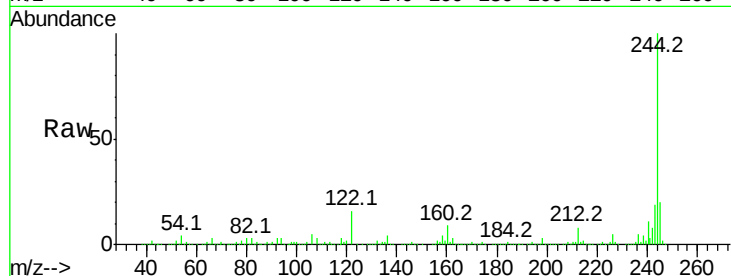




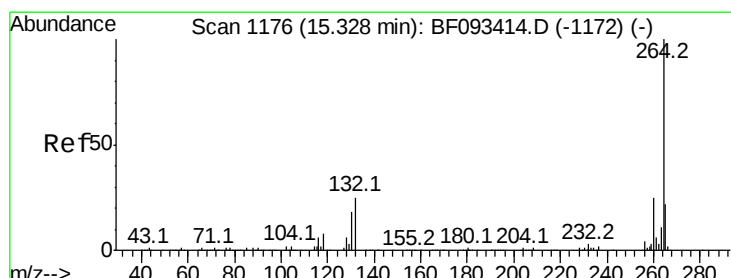
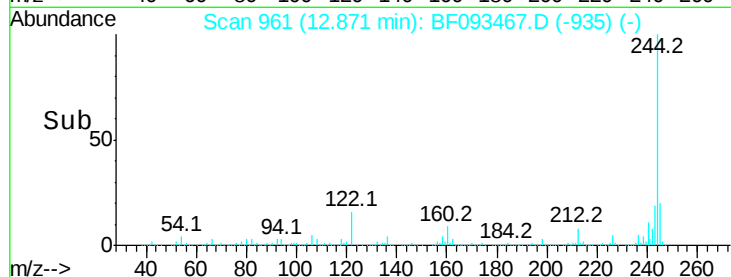
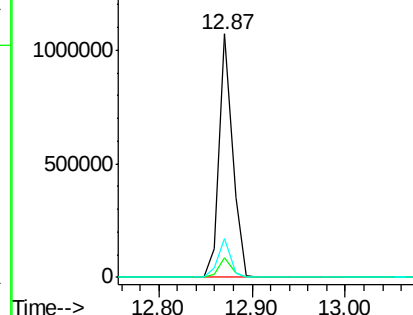
#78
 Terphenyl-d14
 Concen: 72.56 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

Instrument :
 BNA_F
 ClientSampleID :
 D-23

Tot Ion:244 Resp: 1079149
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 15.7 11.4 17.2

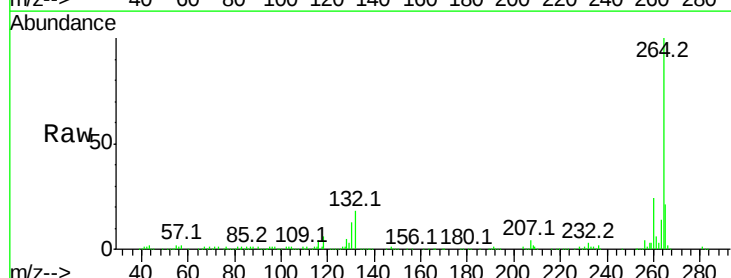


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093467.D
 Acq: 9 Mar 2017 10:22

Tgt Ion:264 Resp: 293035
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.6 17.4 26.0



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

