

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093474.D
 Acq On : 9 Mar 2017 13:32
 Operator : SJ/MA
 Sample : I2129-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-35

Quant Time: Mar 09 13:59:45 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	179071	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	688345	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	289071	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	446751	20.00	ng	0.00
75) Chrysene-d12	13.93	240	376704	20.00	ng	0.01
86) Perylene-d12	15.35	264	289668	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1463944	136.06	ng	0.02
7) Phenol-d6	6.42	99	1803984	132.96	ng	0.01
23) Nitrobenzene-d5	7.34	82	1153998	93.02	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	237387	126.05	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1815316	116.81	ng	0.00
78) Terphenyl-d14	12.87	244	1100112	75.93	ng	0.00

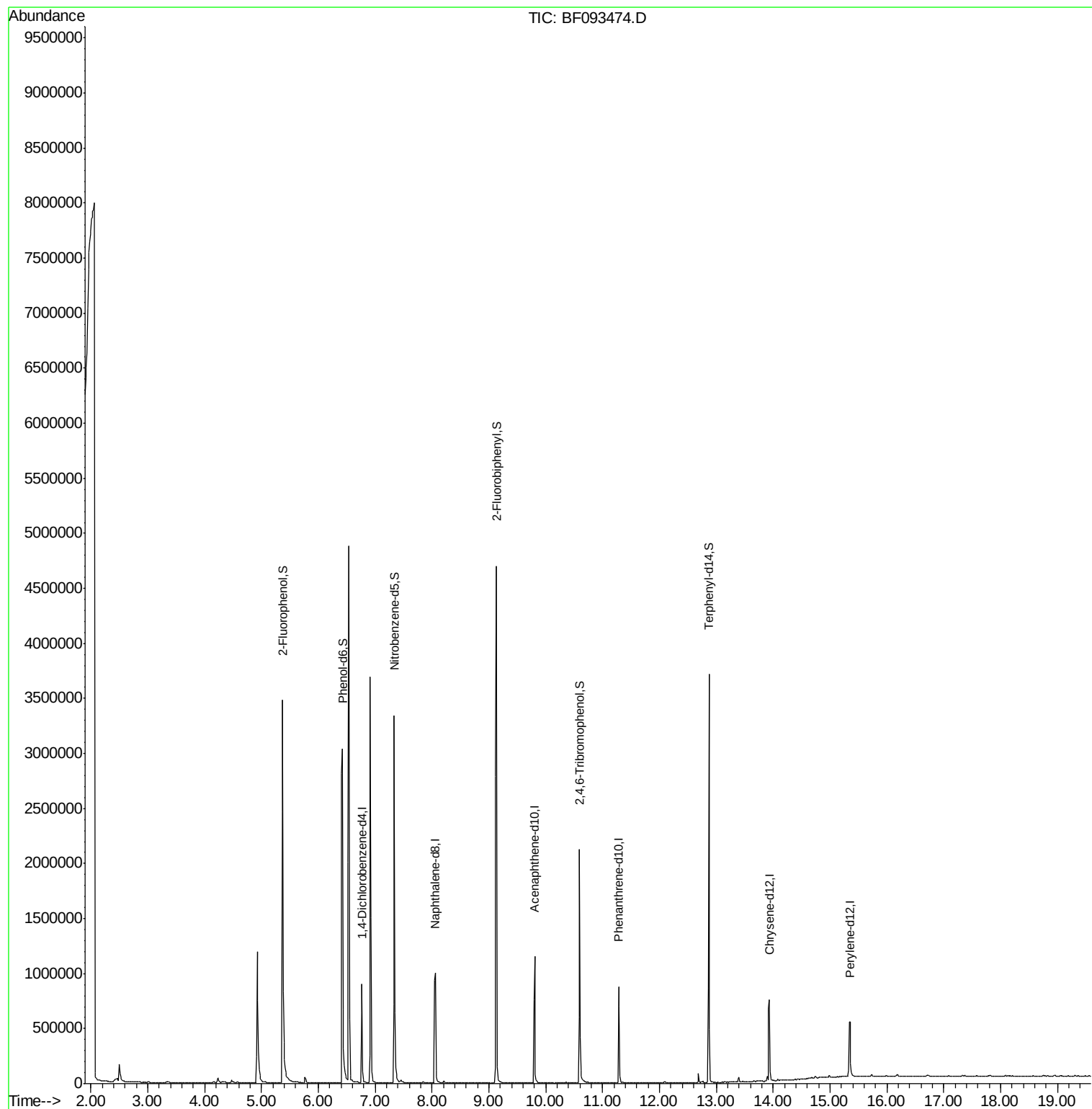
Target Compounds Qvalue

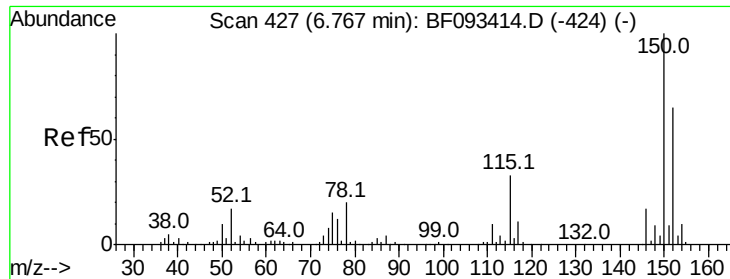
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093474.D

Acq: 9 Mar 2017 13:32

Instrument :

BNA_F

ClientSampleID :

D-35

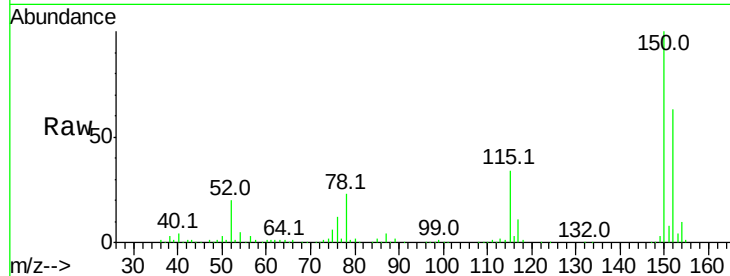
Tot Ion:152 Resp: 179071

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

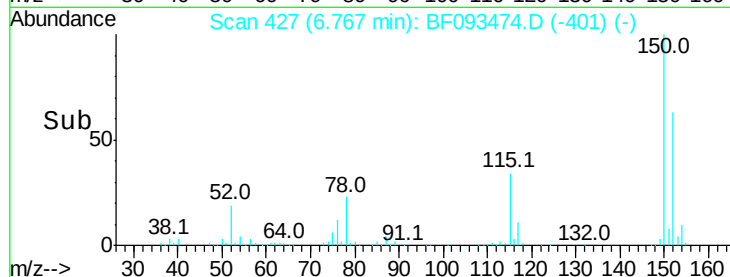
115 54.3 46.0 69.0



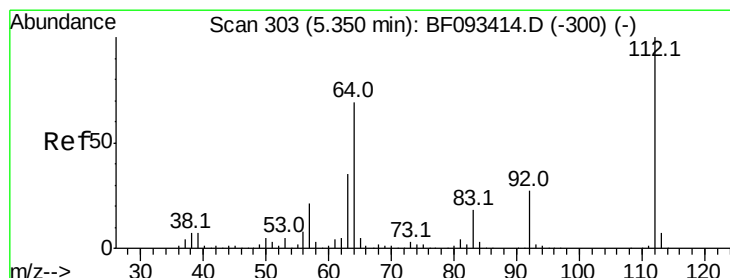
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 136.06 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

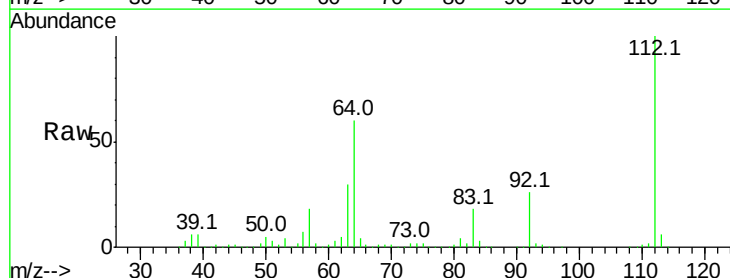
Tgt Ion:112 Resp: 1463944

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

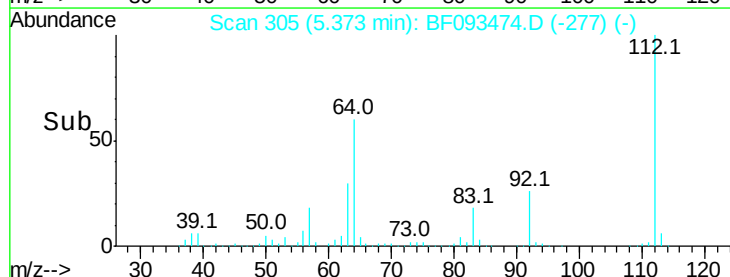
63 30.3 23.8 35.6



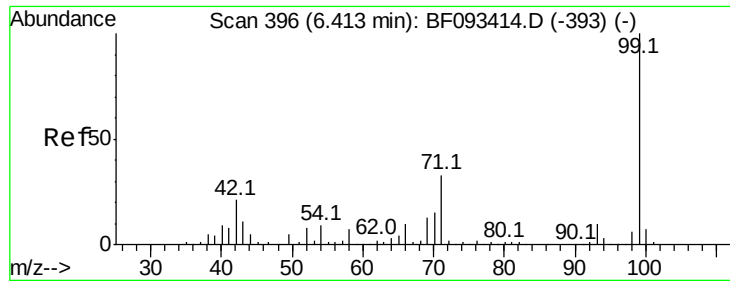
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 132.96 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

Instrument :

BNA_F

ClientSampled :

D-35

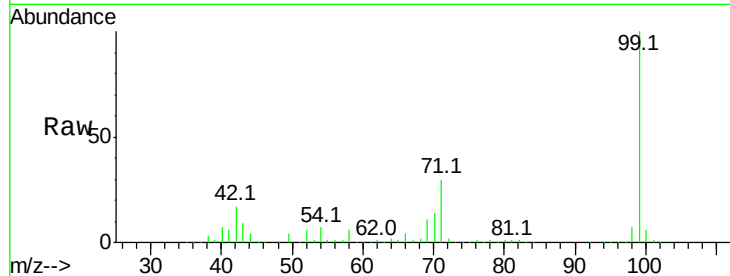
Tot Ion: 99 Resp: 1803984

Ion Ratio Lower Upper

99 100

42 17.0 15.6 23.4

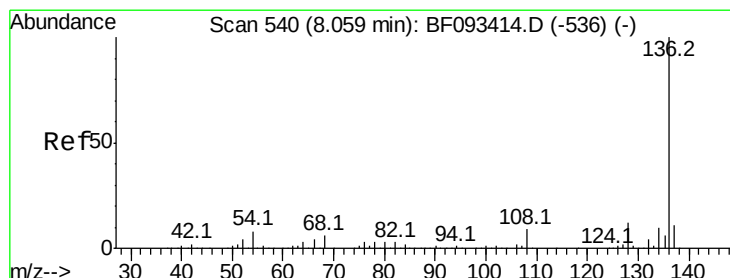
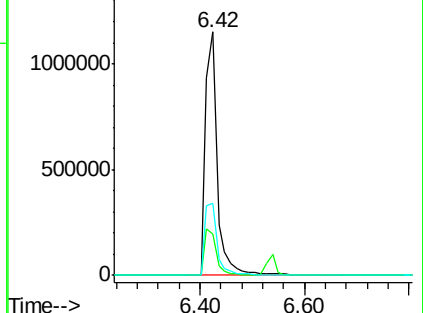
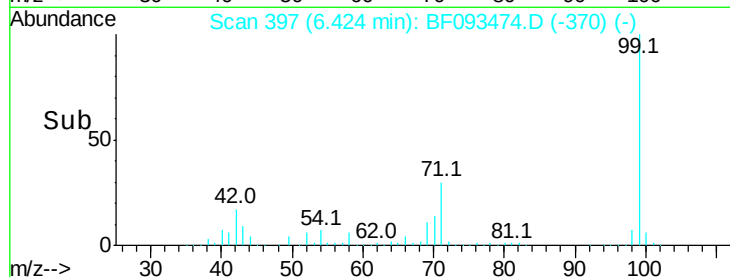
71 29.7 27.5 41.3



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: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

Tgt Ion: 136 Resp: 688345

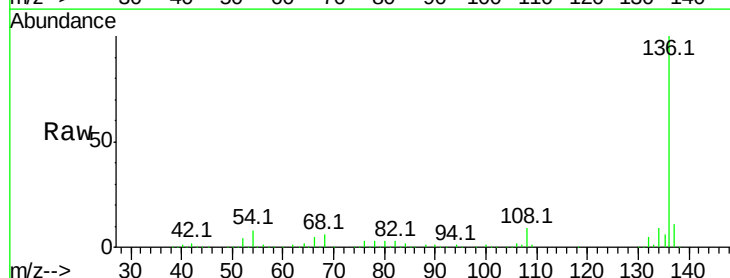
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.6 4.5 6.7#

68 6.0 3.6 5.4#

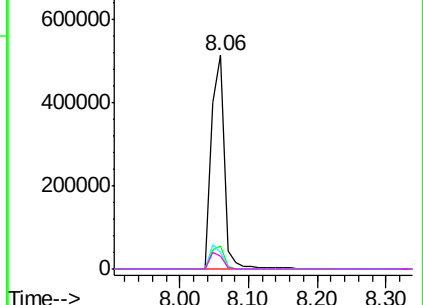
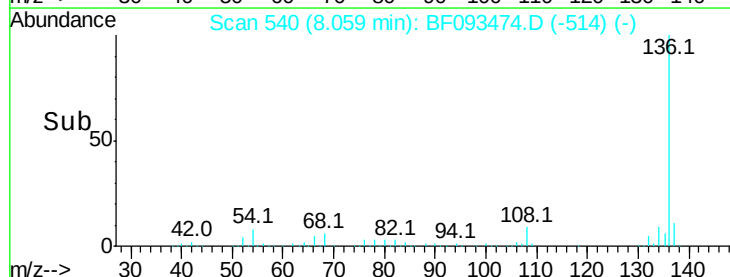


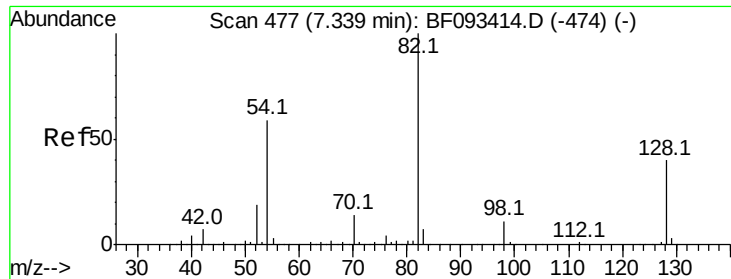
Abundance Ion 136.00 (135.70 to 136.70): E

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



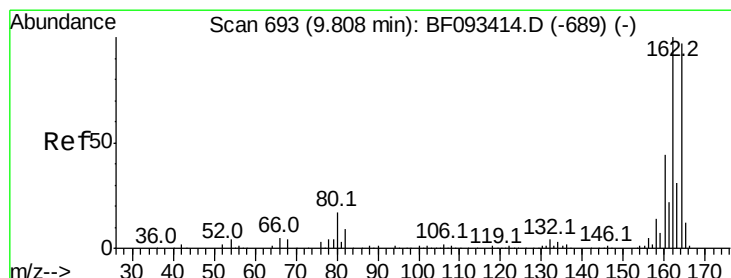
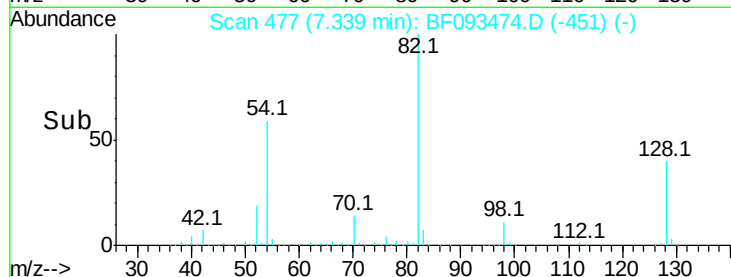
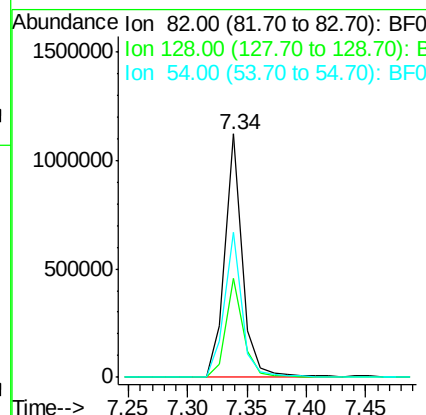
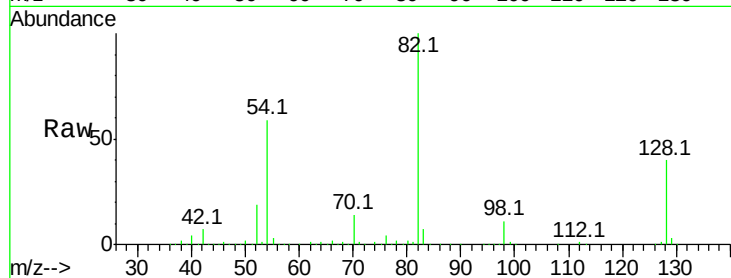


#23
 Nitrobenzene-d5
 Concen: 93.02 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Instrument :
 BNA_F
 ClientSampleID :
 D-35

Tot Ion: 82 Resp: 1153998

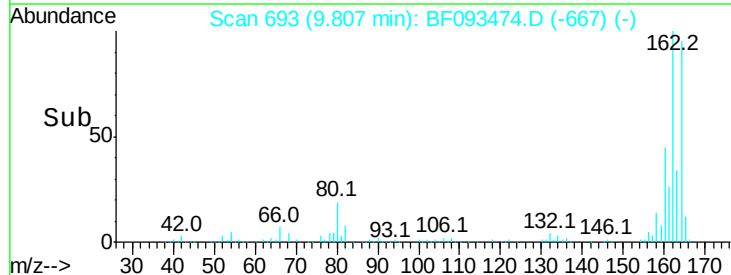
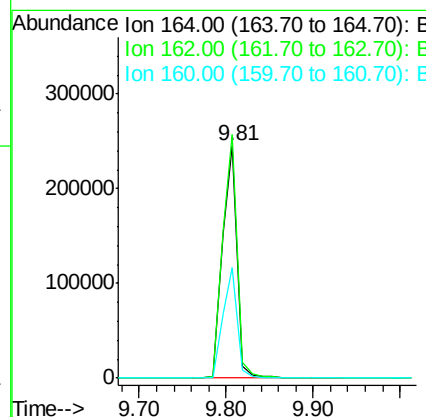
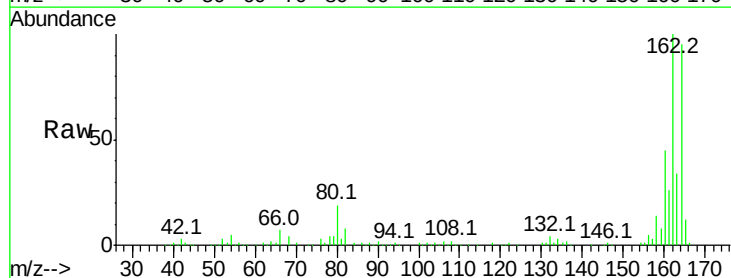
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	59.4	39.5	59.3#

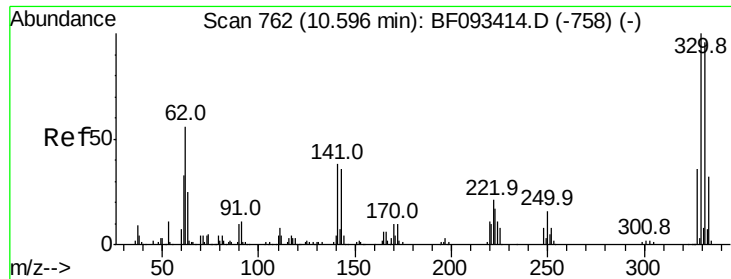


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Tgt Ion:164 Resp: 289071

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	47.5	36.9	55.3

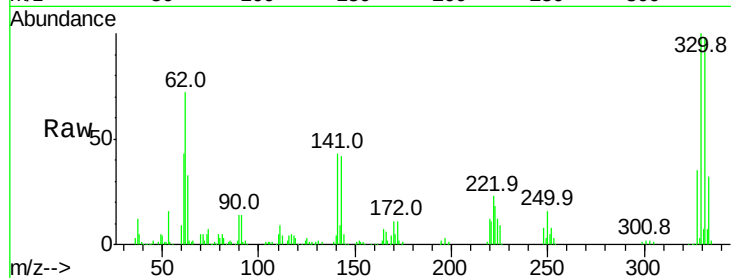




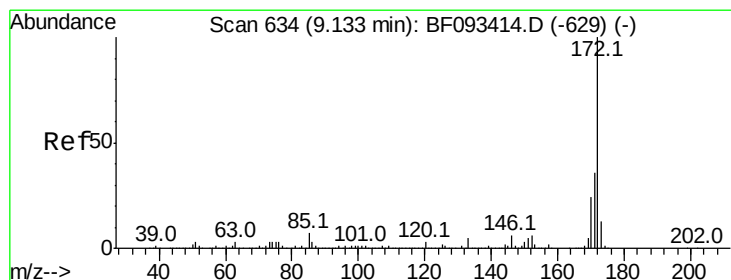
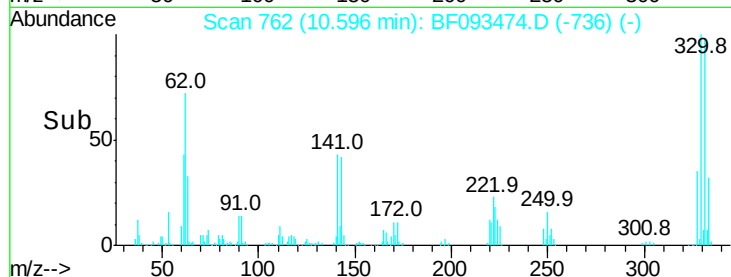
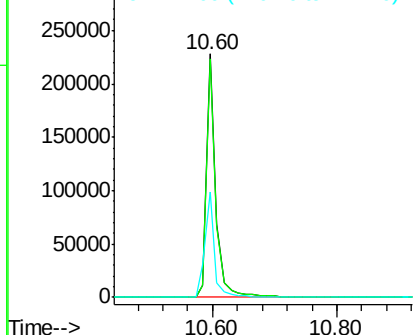
#41
 2,4,6-Tribromophenol
 Concen: 126.05 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 D-35

Tot Ion:330 Resp: 237387
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.4 116.2
 141 45.7 34.1 51.1

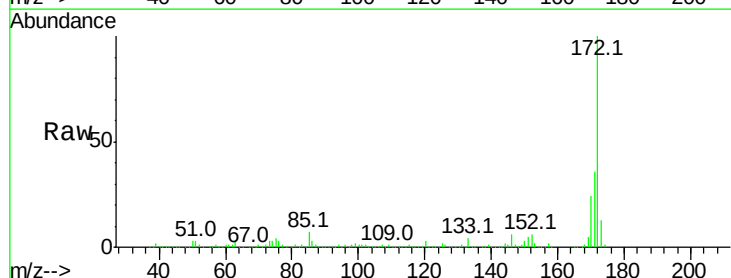


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

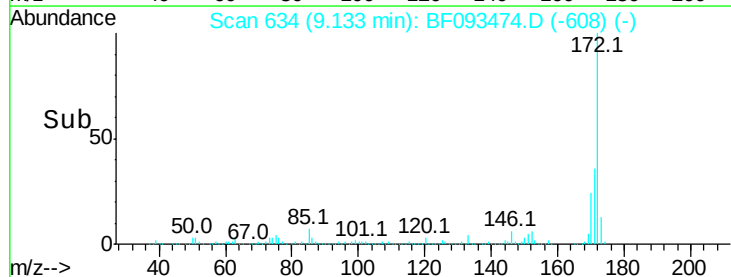
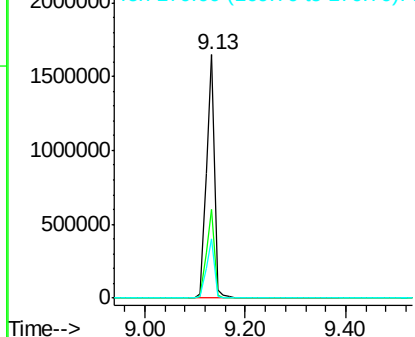


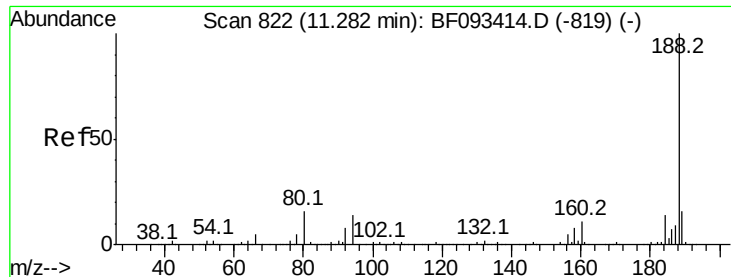
#44
 2-Fluorobiphenyl
 Concen: 116.81 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Tgt Ion:172 Resp: 1815316
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 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

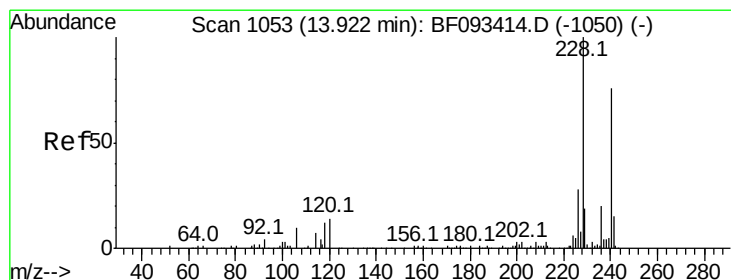
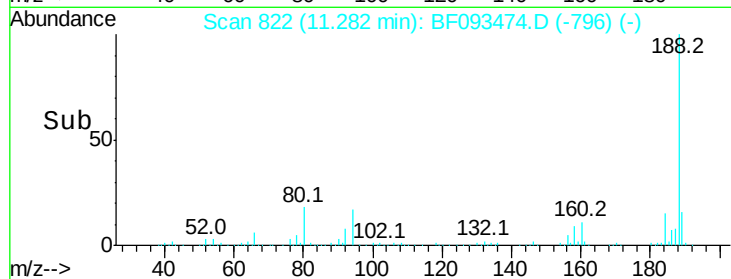
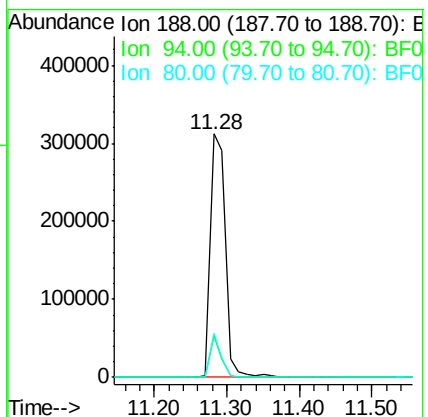
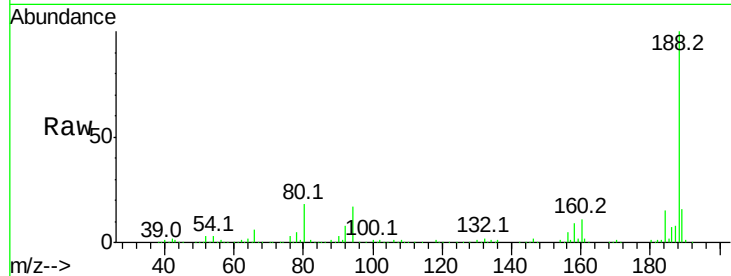




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093474.D
Acq: 9 Mar 2017 13:32

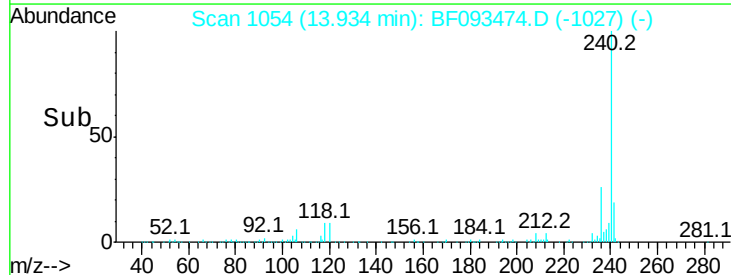
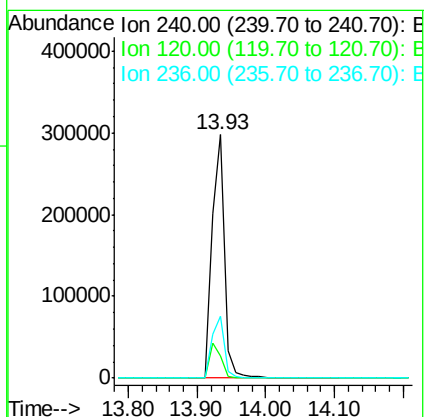
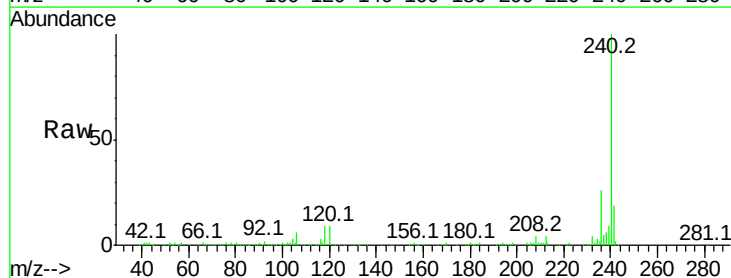
Instrument :
BNA_F
ClientSampleId :
D-35

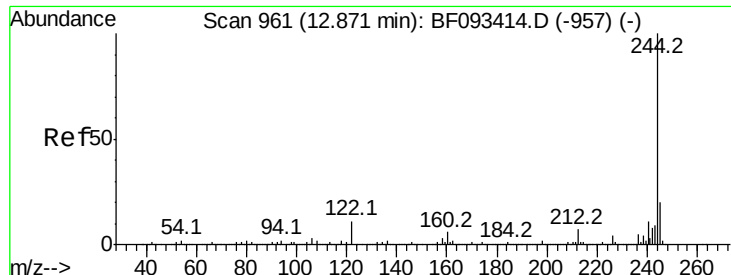
Tot Ion:188 Resp: 446751
Ion Ratio Lower Upper
188 100
94 17.0 10.0 15.0#
80 18.0 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093474.D
Acq: 9 Mar 2017 13:32

Tgt Ion:240 Resp: 376704
Ion Ratio Lower Upper
240 100
120 9.2 12.9 19.3#
236 25.6 20.9 31.3

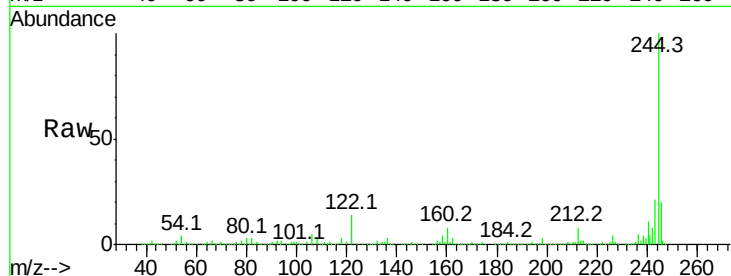




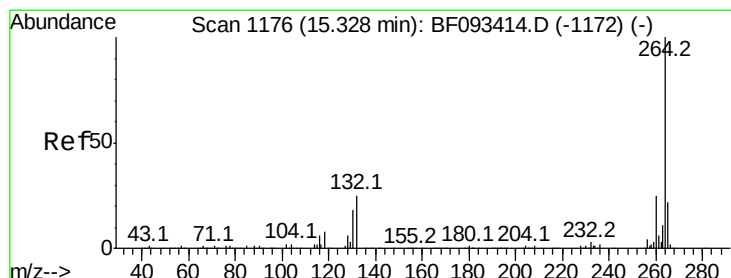
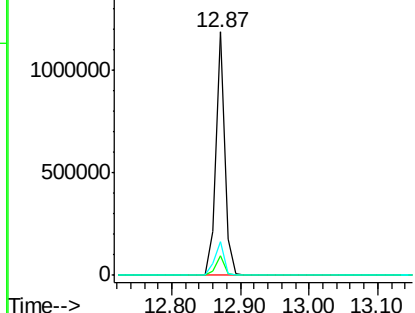
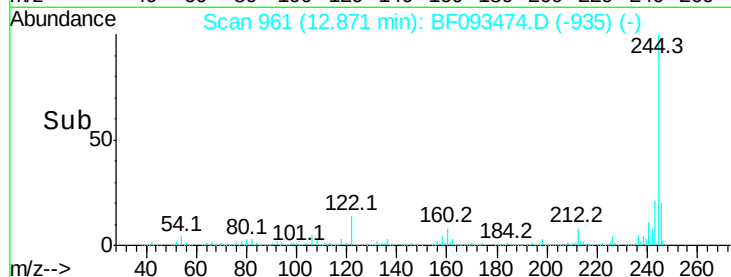
#78
 Terphenyl-d14
 Concen: 75.93 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 D-35

Tot Ion:244 Resp: 1100112
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.9 11.4 17.2

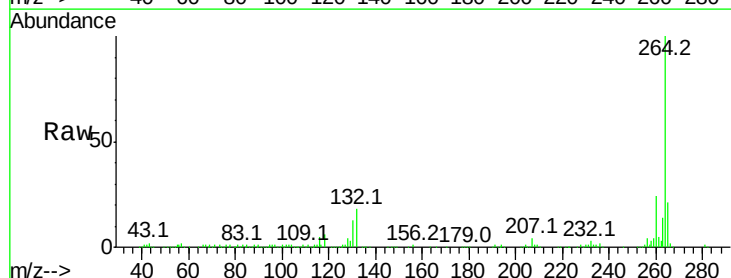


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Tgt Ion:264 Resp: 289668
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.0 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

