

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093633.D
 Acq On : 14 Mar 2017 3:26
 Operator : SJ/MA
 Sample : I2199-25
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Quant Time: Mar 14 04:41:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	169575	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	696322	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	331311	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	646717	20.00	ng	0.00
75) Chrysene-d12	13.90	240	499320	20.00	ng	0.01
86) Perylene-d12	15.31	264	330194	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1470209	144.30	ng	0.00
7) Phenol-d6	6.37	99	1845133	143.61	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1185190	94.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	347865	161.16	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1902514	106.81	ng	0.00
78) Terphenyl-d14	12.84	244	1632745	85.02	ng	0.01

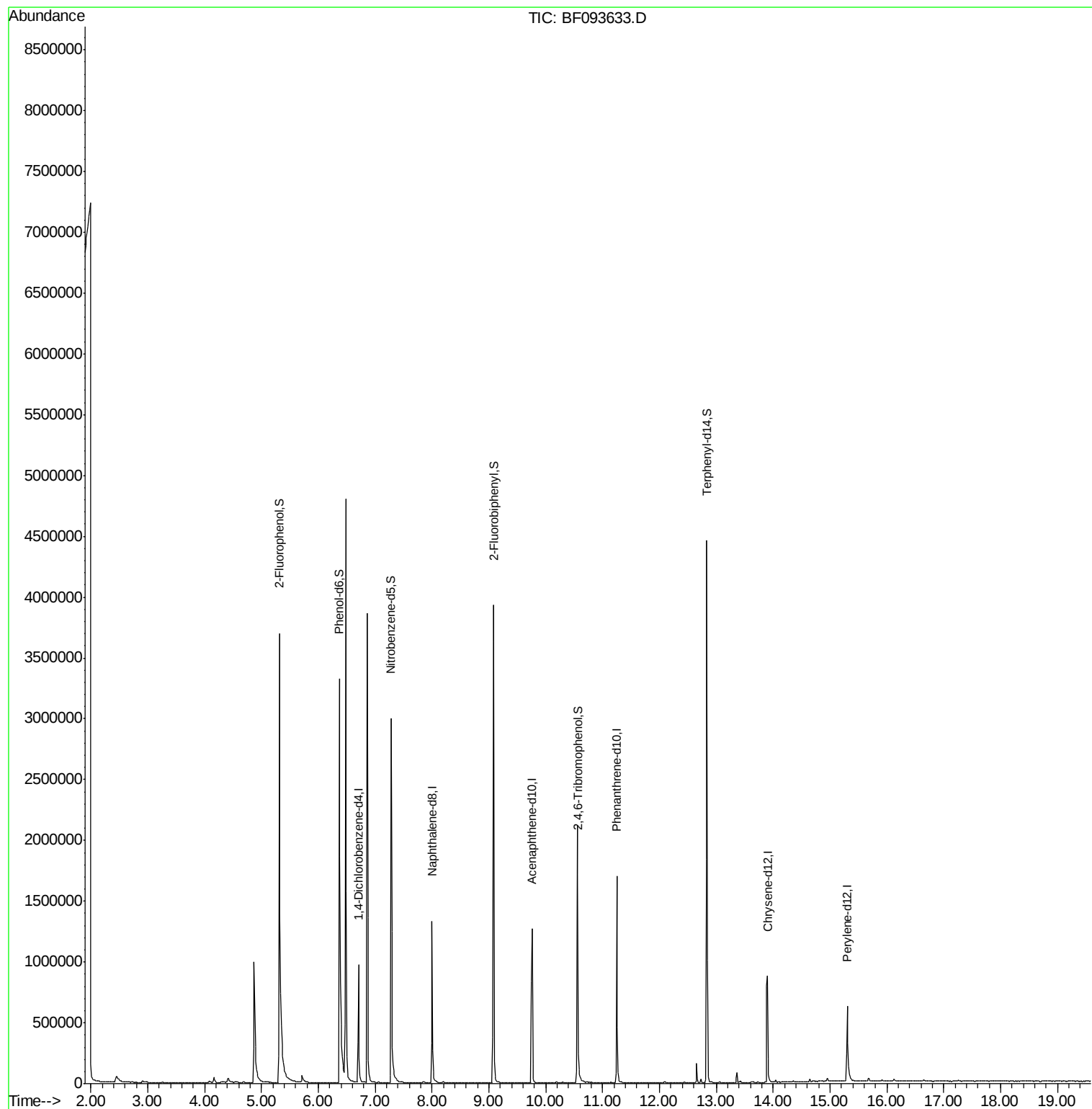
Target Compounds Qvalue

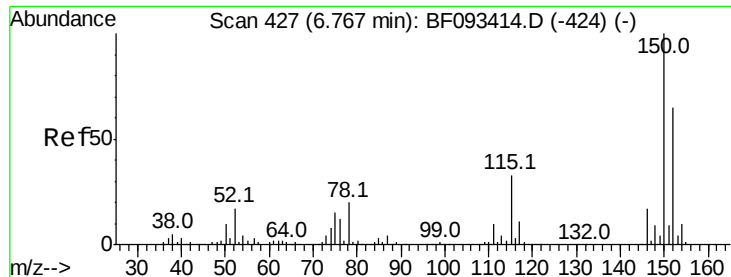
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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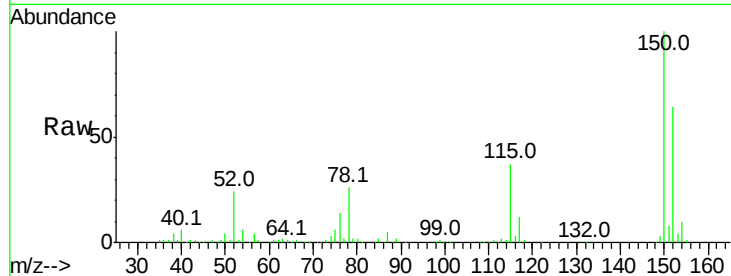


#1

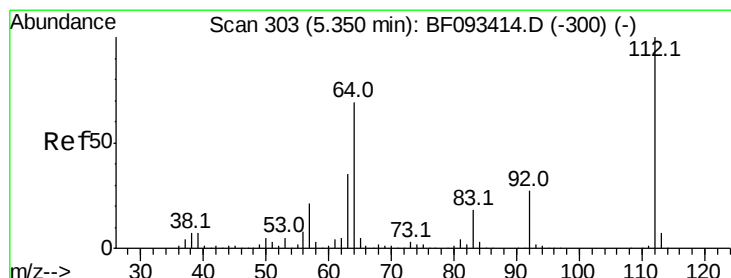
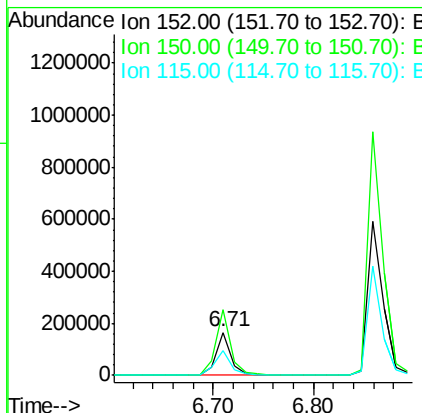
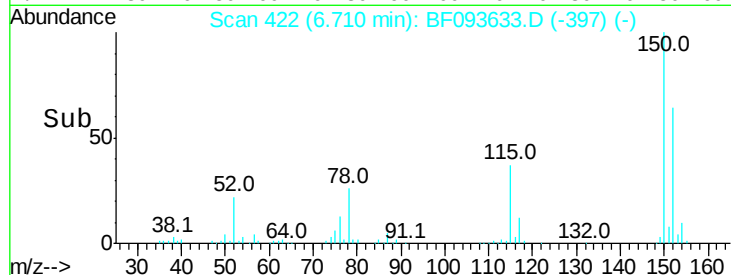
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Tot Ion:152 Resp: 169575
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 57.9 46.0 69.0



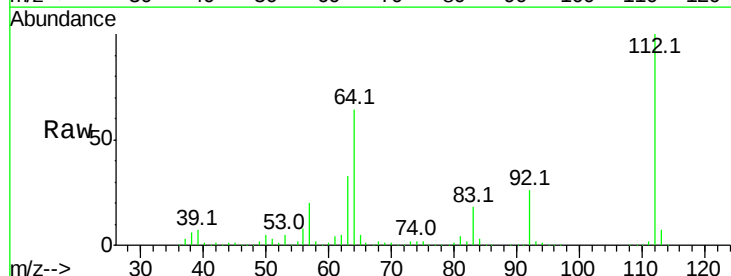
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



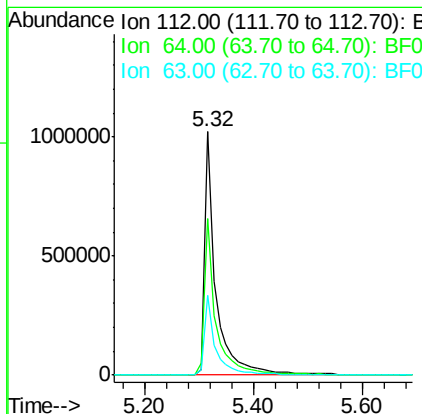
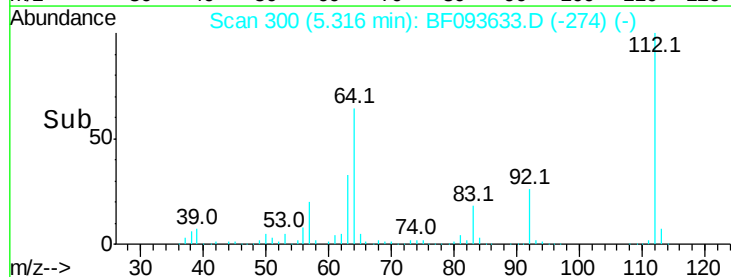
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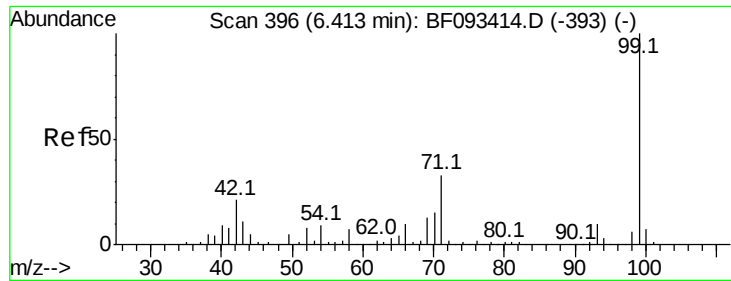
2-Fluorophenol
 Concen: 144.30 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion:112 Resp: 1470209
 Ion Ratio Lower Upper
 112 100
 64 64.1 46.1 69.1
 63 32.6 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





#7

Phenol-d6

Concen: 143.61 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093633.D

Acq: 14 Mar 2017 3:26

Instrument :

BNA_F

ClientSampleId :

D-101

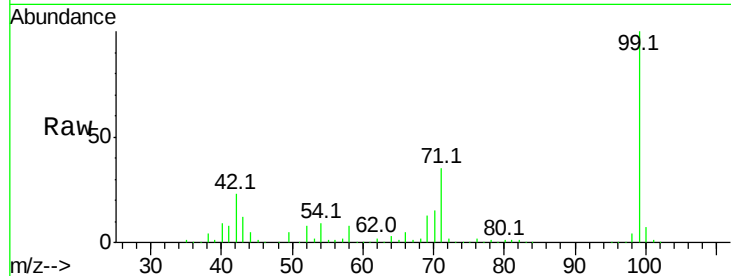
Tot Ion: 99 Resp: 1845133

Ion Ratio Lower Upper

99 100

42 23.3 15.6 23.4

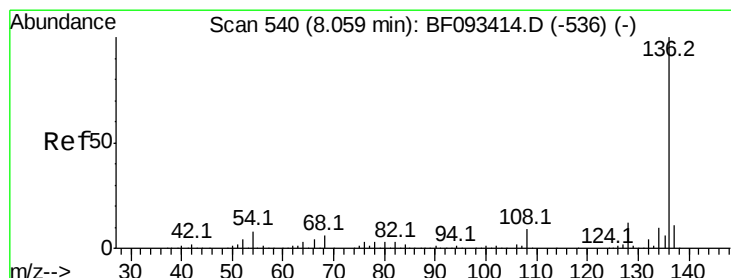
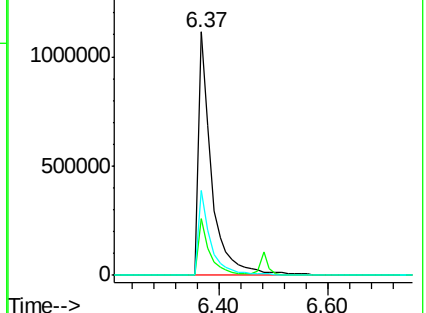
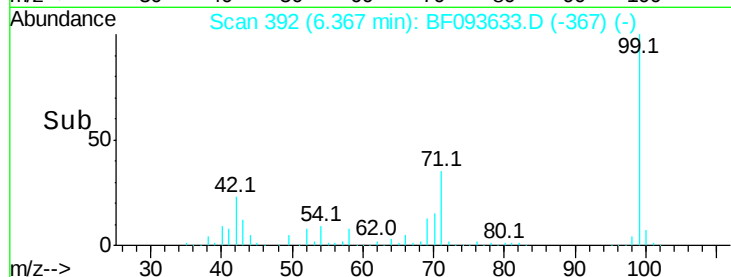
71 35.1 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093633.D

Acq: 14 Mar 2017 3:26

Tgt Ion: 136 Resp: 696322

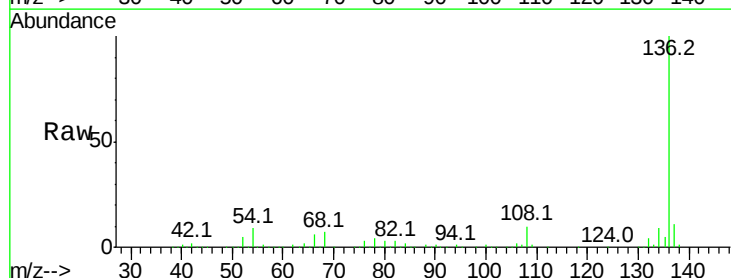
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.2 4.5 6.7#

68 6.5 3.6 5.4#

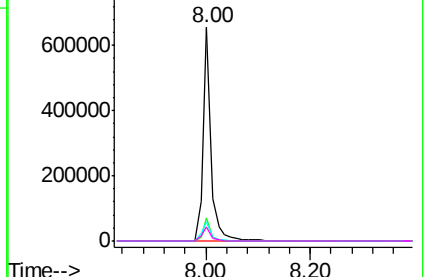
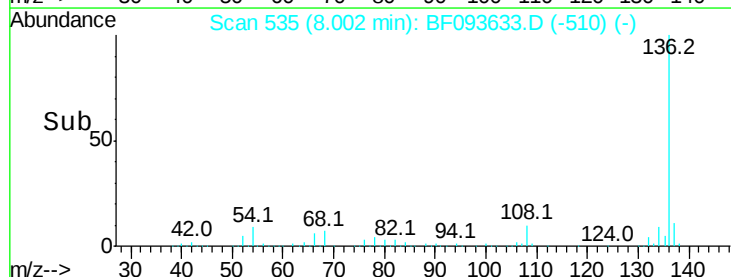


Abundance Ion 136.00 (135.70 to 136.70): E

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



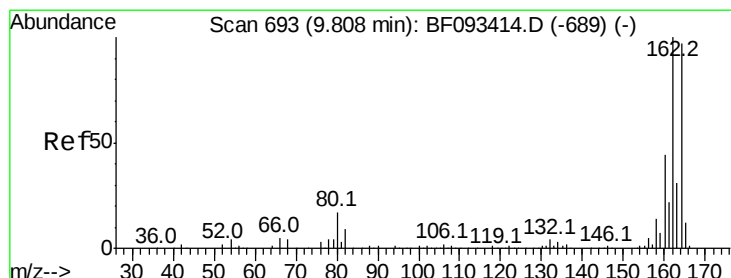
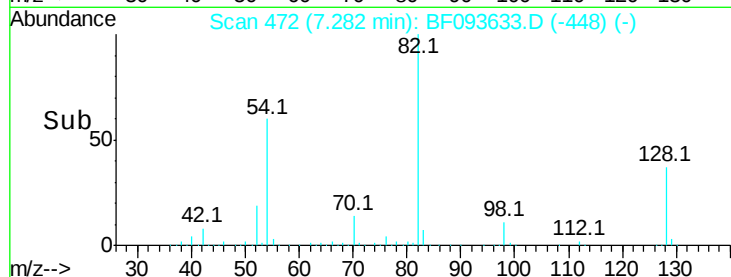
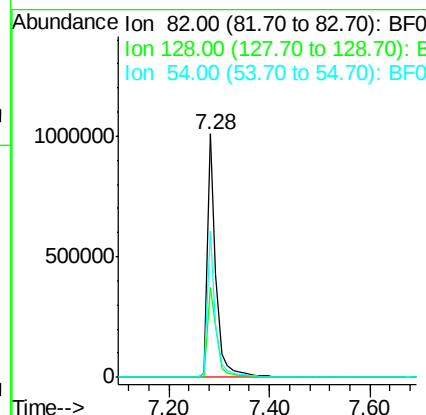
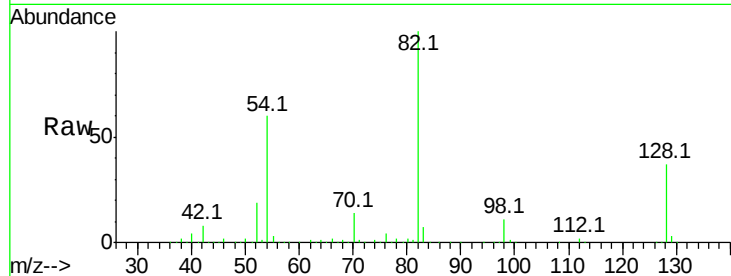


#23
 Nitrobenzene-d5
 Concen: 94.44 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Instrument :
 BNA_F
 ClientSampled :
 D-101

Tot Ion: 82 Resp: 1185190

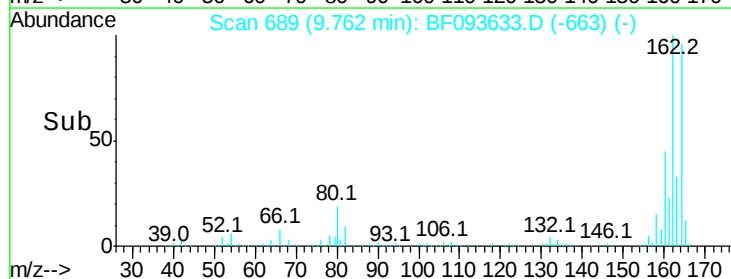
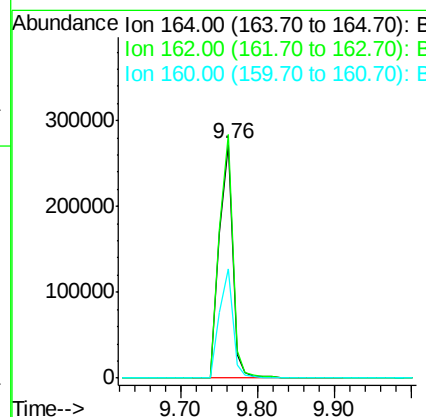
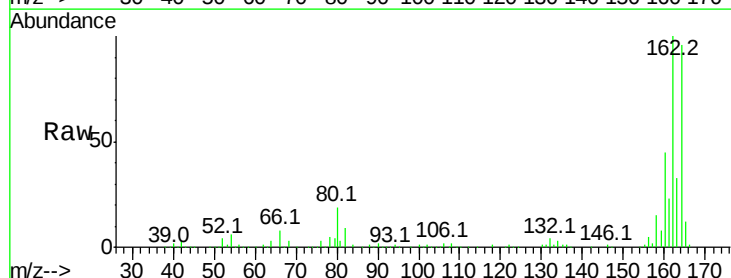
Ion	Ratio	Lower	Upper
82	100		
128	36.8	34.6	52.0
54	60.2	39.5	59.3#

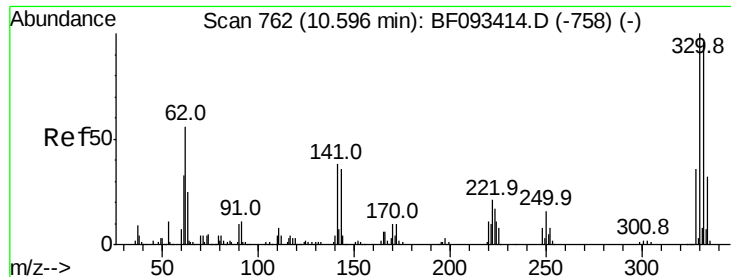


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion:164 Resp: 331311

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.2	120.2
160	46.7	36.9	55.3

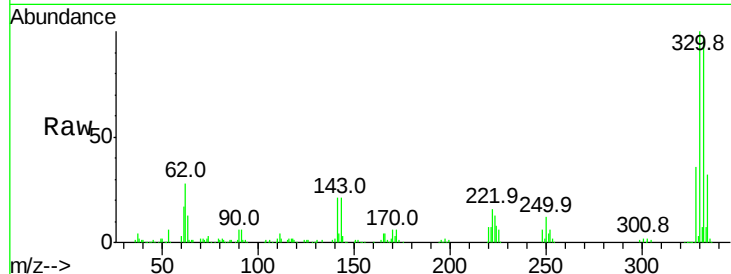




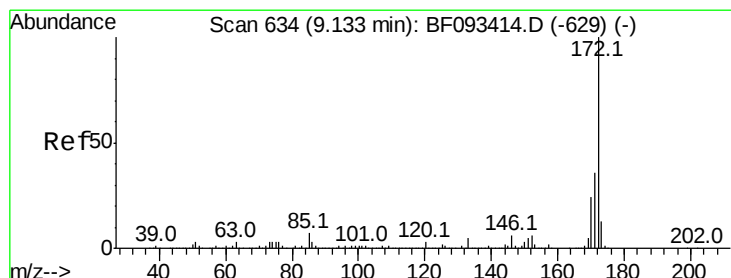
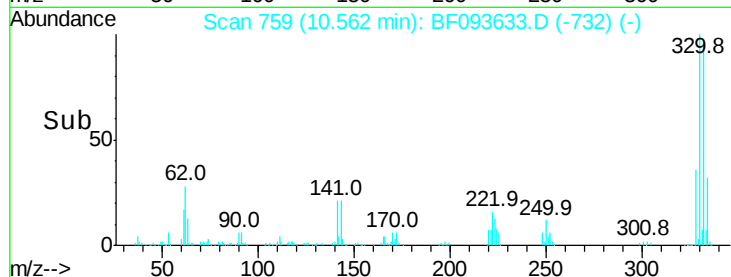
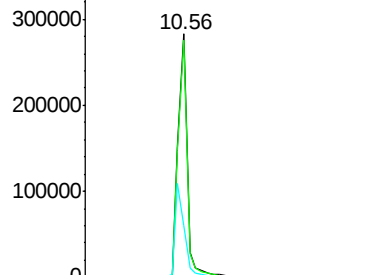
#41
 2,4,6-Tribromophenol
 Concen: 161.16 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	39.9	34.1	51.1

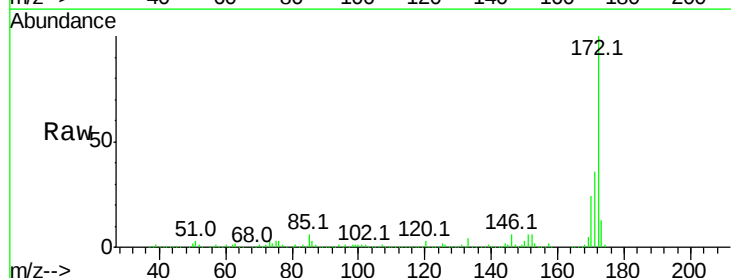


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

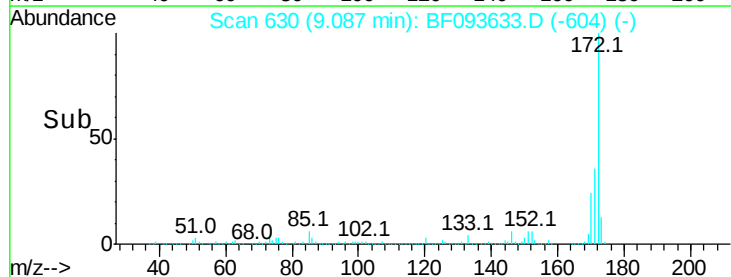
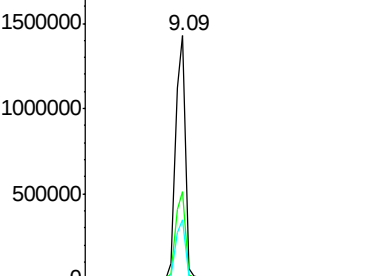


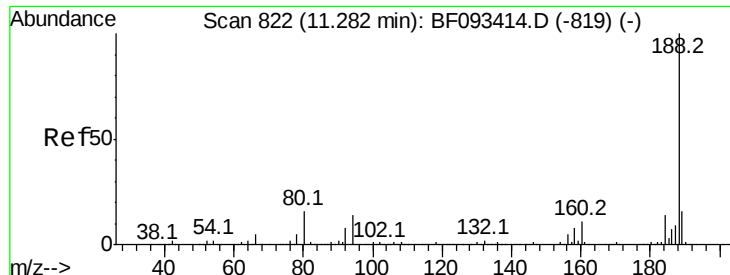
#44
 2-Fluorobiphenyl
 Concen: 106.81 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	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

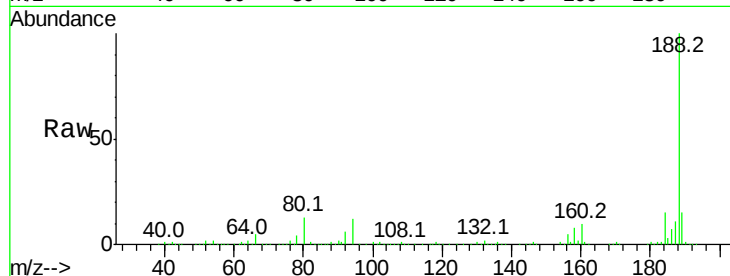




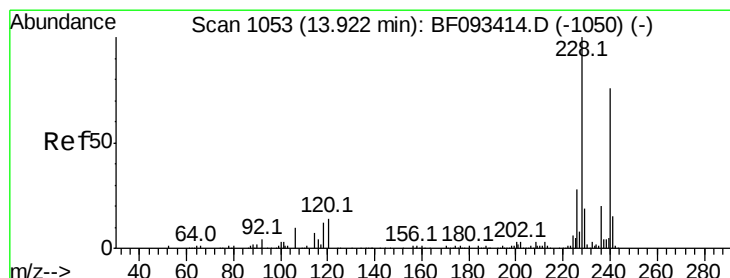
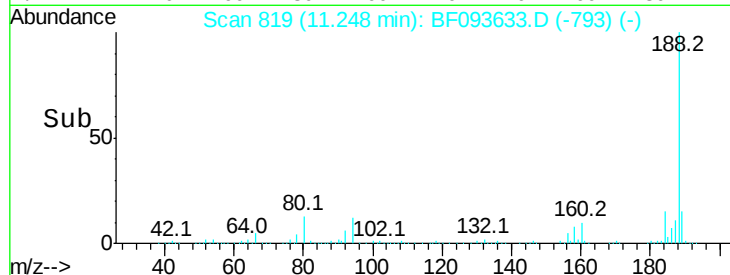
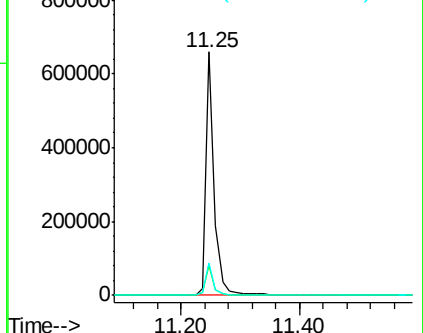
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093633.D
Acq: 14 Mar 2017 3:26

Instrument :
BNA_F
ClientSampleId :
D-101

Tot Ion:188 Resp: 646717
Ion Ratio Lower Upper
188 100
94 12.3 10.0 15.0
80 13.2 11.2 16.8

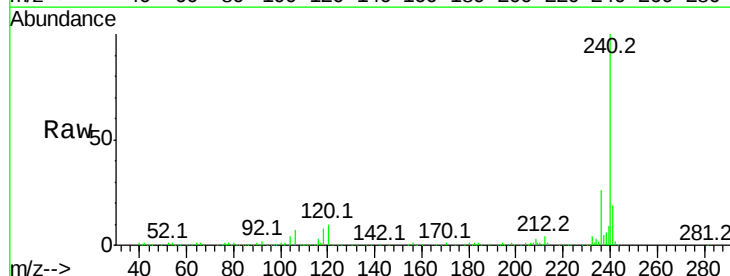


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

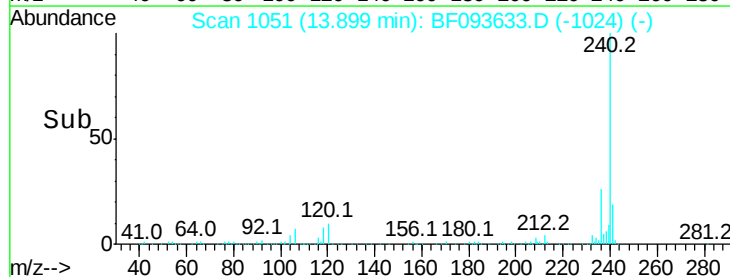
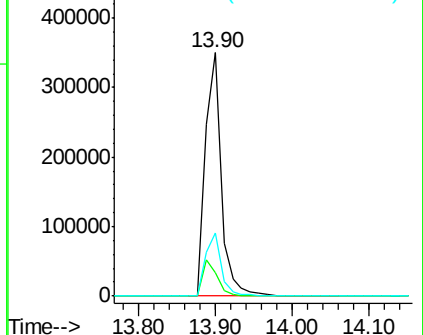


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093633.D
Acq: 14 Mar 2017 3:26

Tgt Ion:240 Resp: 499320
Ion Ratio Lower Upper
240 100
120 9.7 12.9 19.3#
236 25.7 20.9 31.3



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

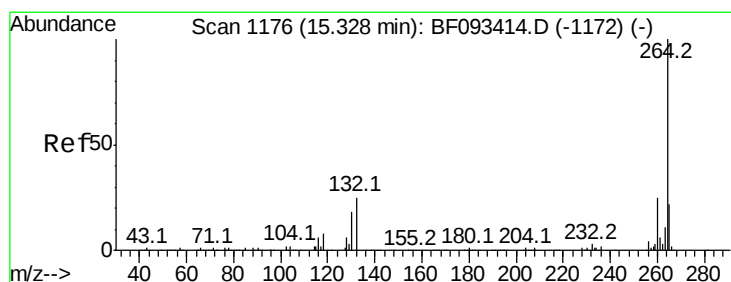
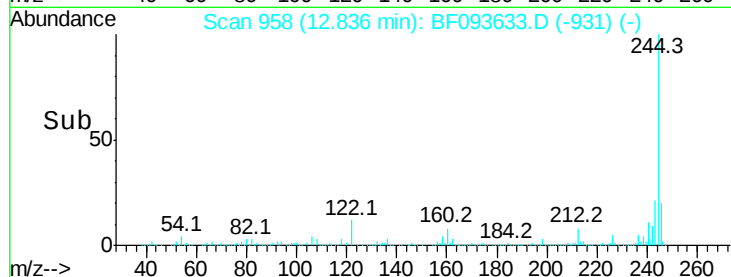
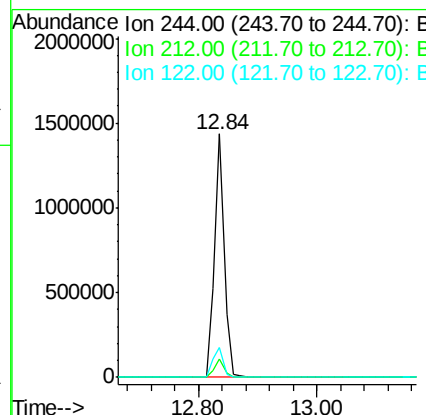
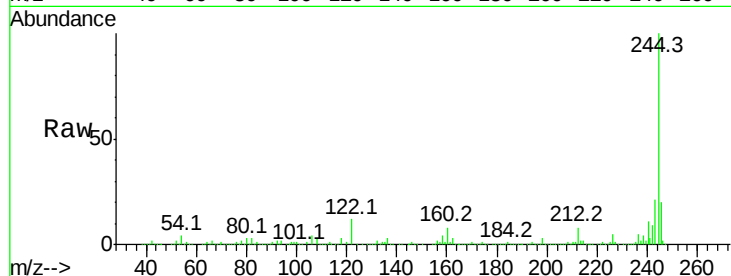




#78
 Terphenyl-d14
 Concen: 85.02 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Instrument :
 BNA_F
 ClientSampleId :
 D-101

Tot Ion:244 Resp: 1632745
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093633.D
 Acq: 14 Mar 2017 3:26

Tgt Ion:264 Resp: 330194
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.1 17.4 26.0

