

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093502.D
 Acq On : 10 Mar 2017 3:37
 Operator : SJ/MA
 Sample : I2176-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-03

Quant Time: Mar 10 05:56:29 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	6.74	152	189460	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	737514	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	344687	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	564081	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	375364	20.00	ng	-0.01
86) Perylene-d12	15.32	264	337275	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	766938	67.37	ng	0.00
7) Phenol-d6	6.40	99	693697	48.32	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1235827	92.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	341854	152.23	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1621078	87.48	ng	-0.02
78) Terphenyl-d14	12.86	244	1336018	92.54	ng	-0.01

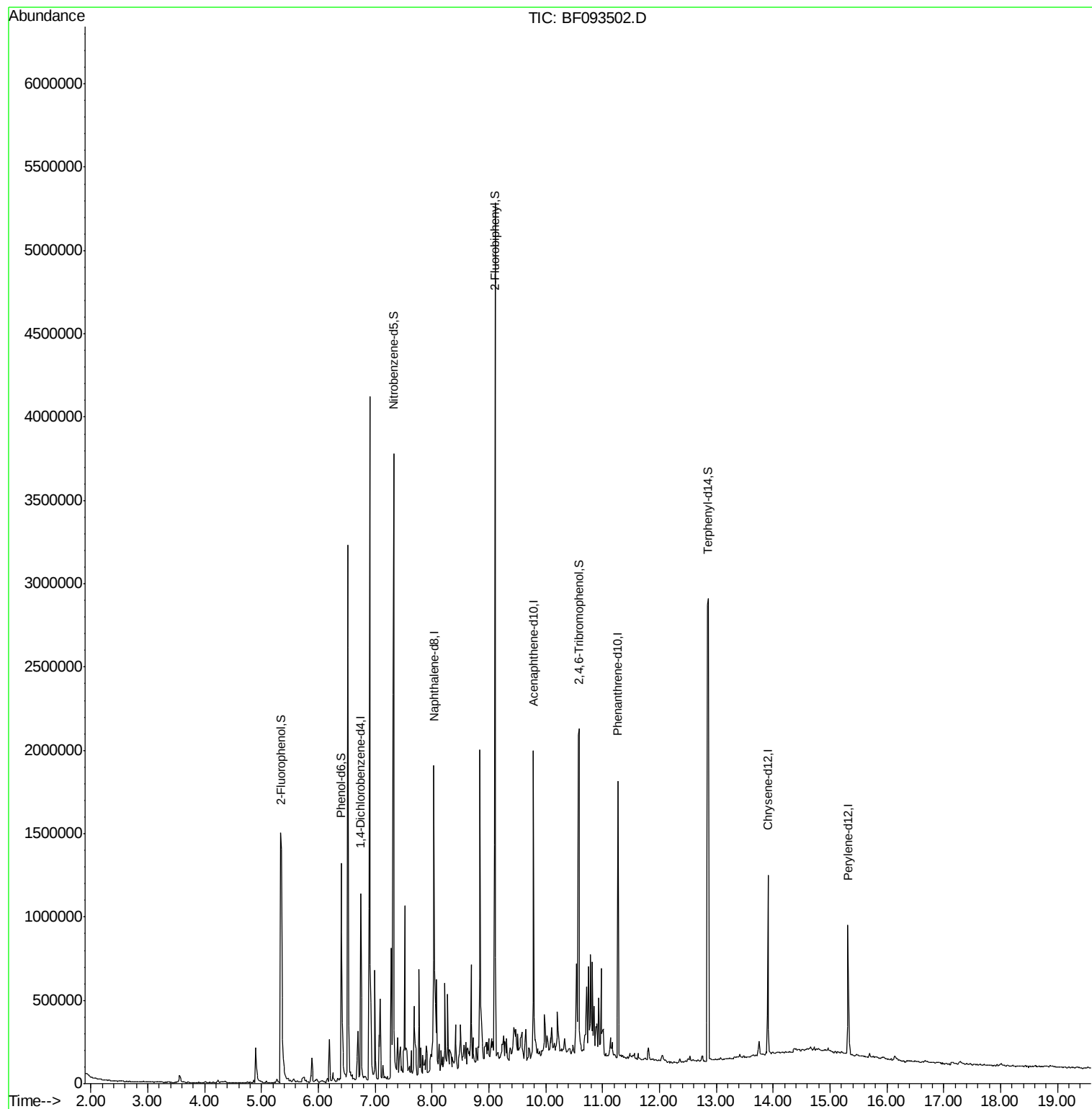
Target Compounds Qvalue

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

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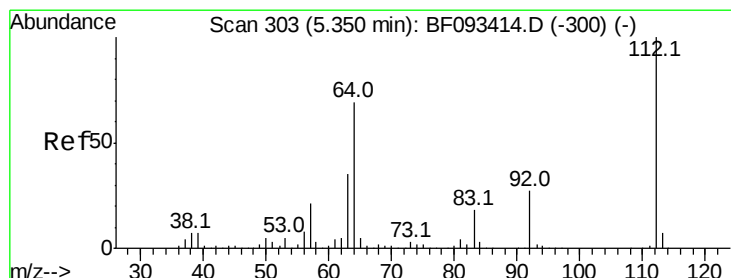
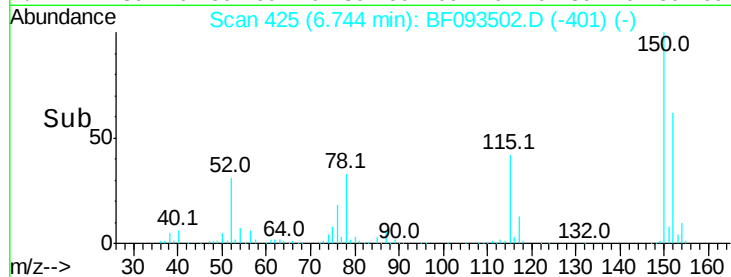
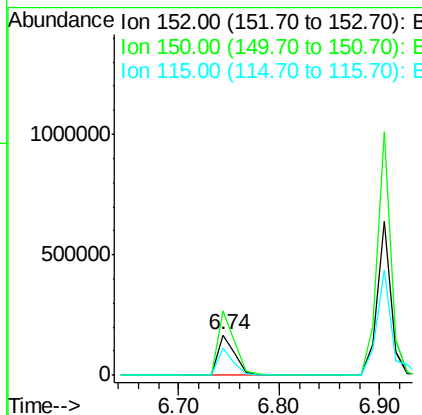
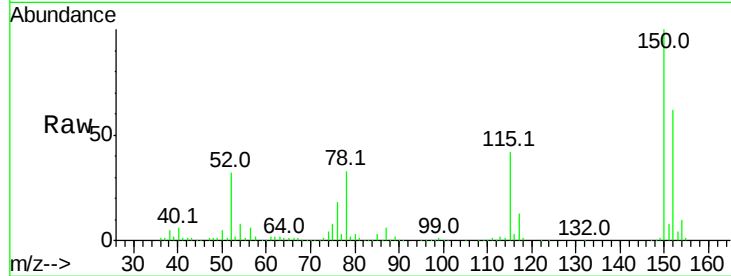


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

Instrument :
 BNA_F
 ClientSampled :
 P-03

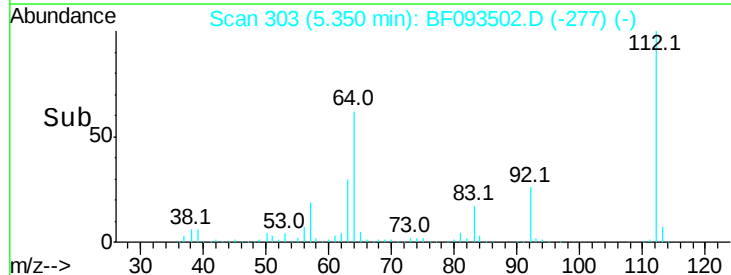
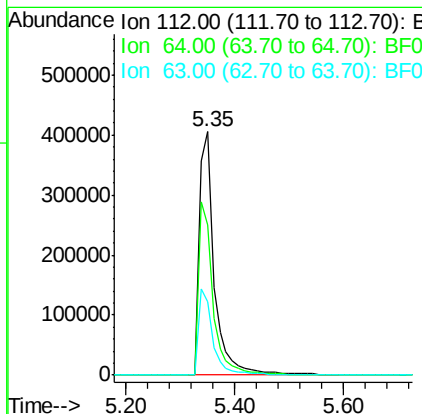
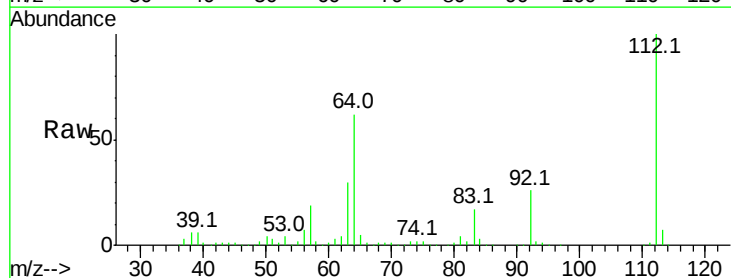
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.9	187.3
115	67.3	46.0	69.0

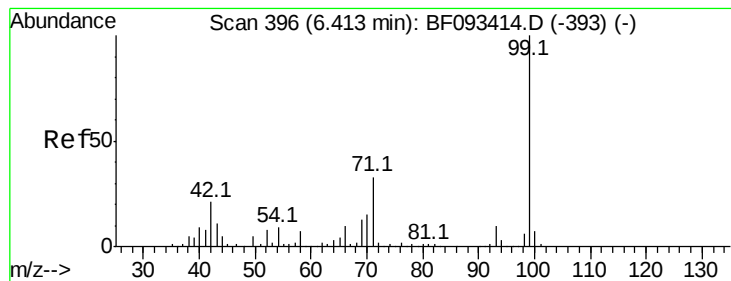


#5

2-Fluorophenol
 Concen: 67.37 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.1	69.1
63	30.2	23.8	35.6





#7

Phenol-d6

Concen: 48.32 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampleId :

P-03

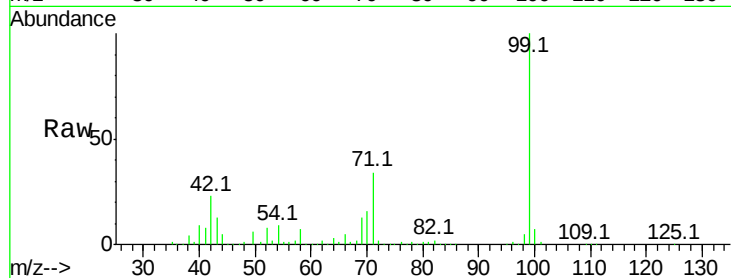
Tot Ion: 99 Resp: 693697

Ion Ratio Lower Upper

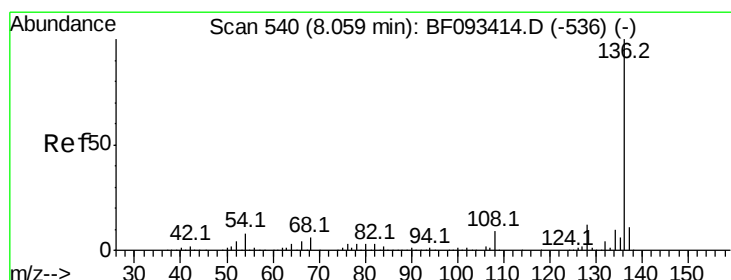
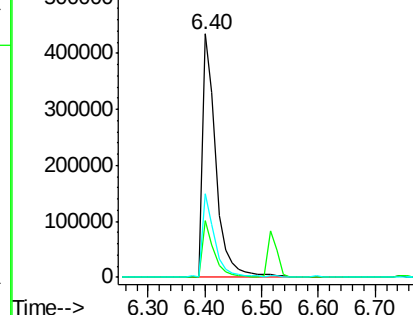
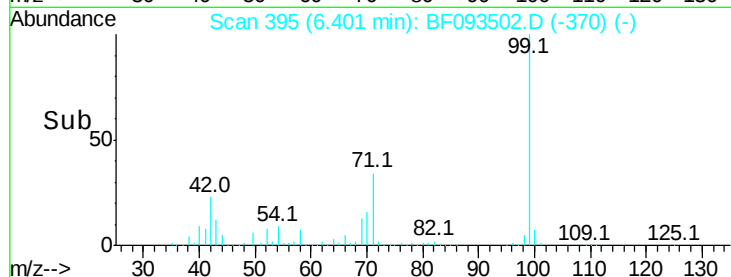
99 100

42 23.3 15.6 23.4

71 34.4 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: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Tgt Ion: 136 Resp: 737514

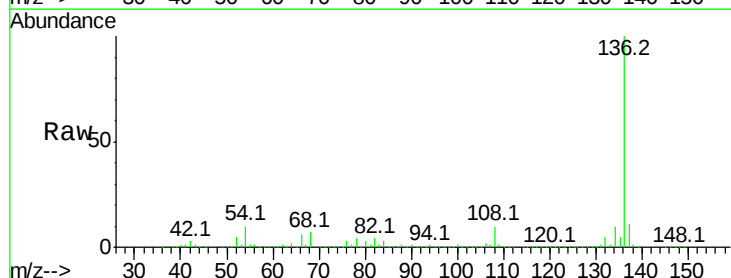
Ion Ratio Lower Upper

136 100

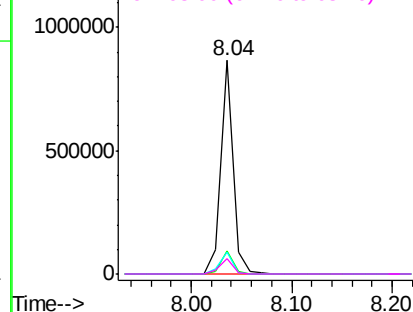
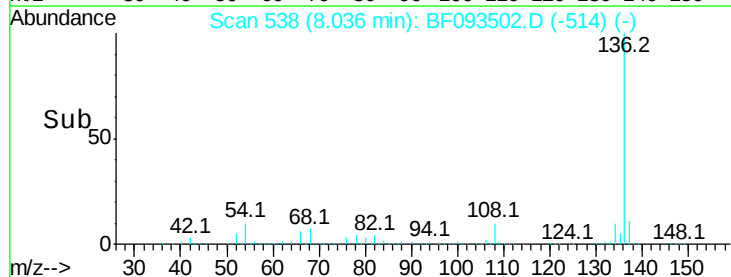
137 10.7 8.4 12.6

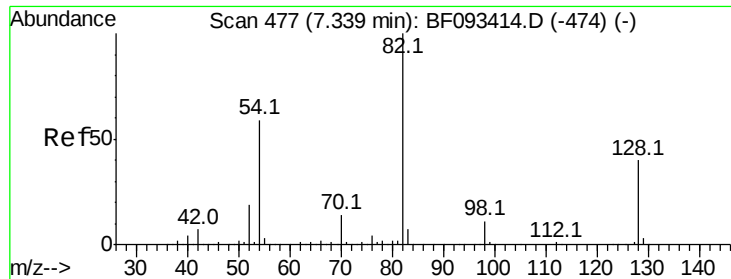
54 10.0 4.5 6.7#

68 7.4 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



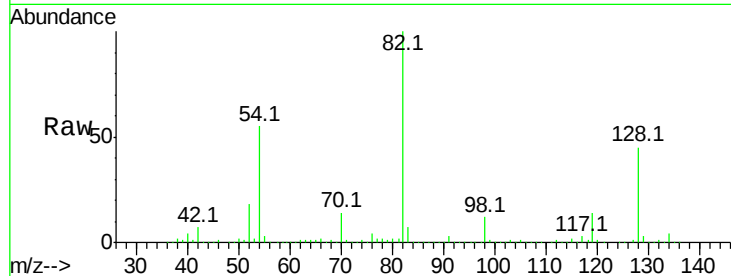


#23
 Nitrobenzene-d5
 Concen: 92.97 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

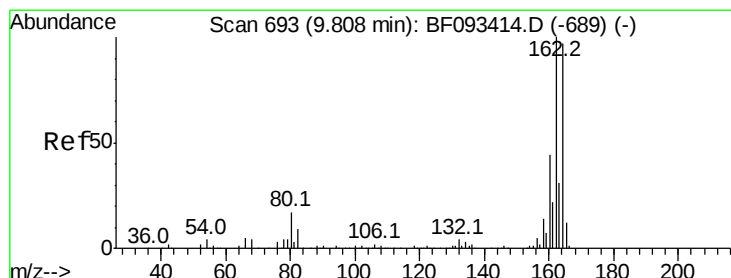
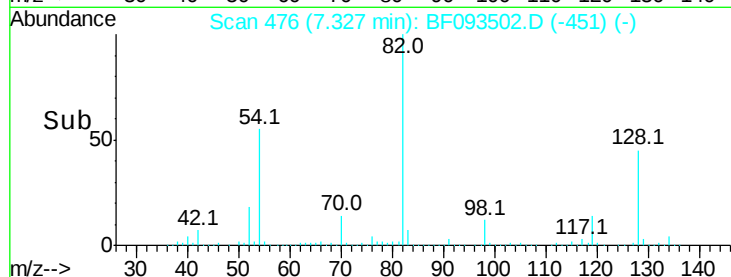
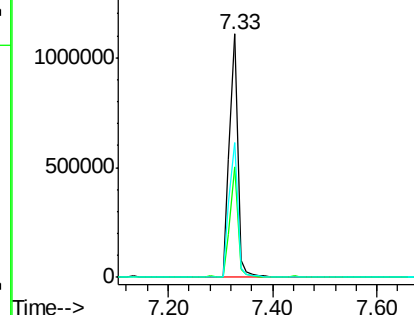
Instrument :
 BNA_F
 ClientSampled :
 P-03

Tot Ion: 82 Resp: 1235827

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	55.3	39.5	59.3



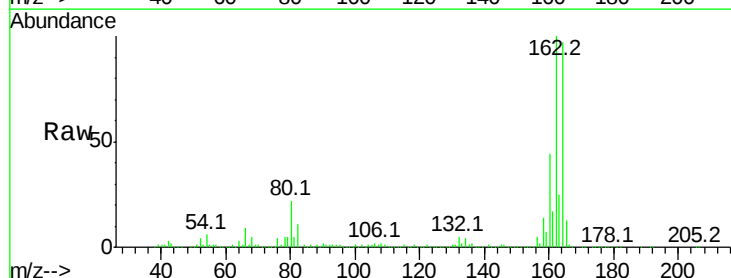
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



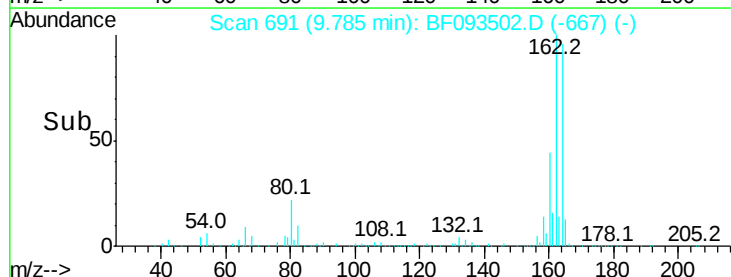
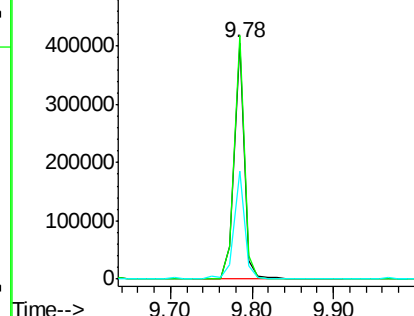
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

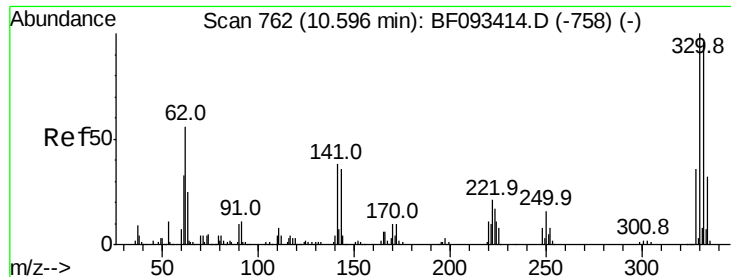
Tgt Ion:164 Resp: 344687

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.2	120.2
160	45.7	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

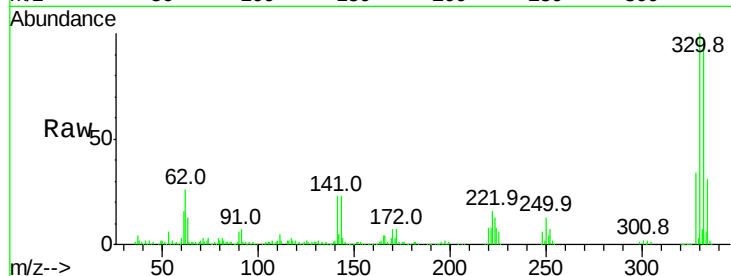




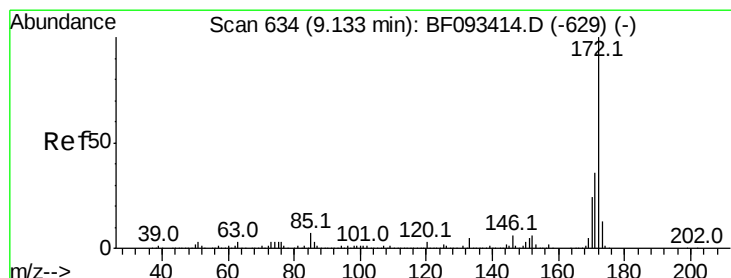
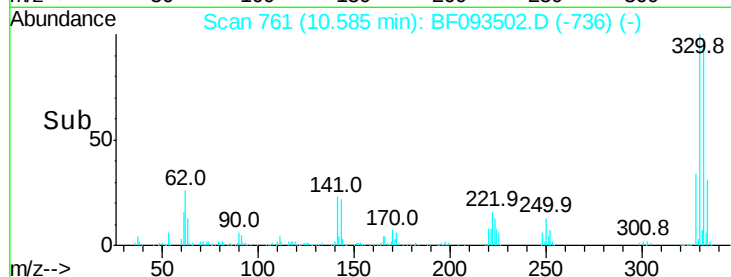
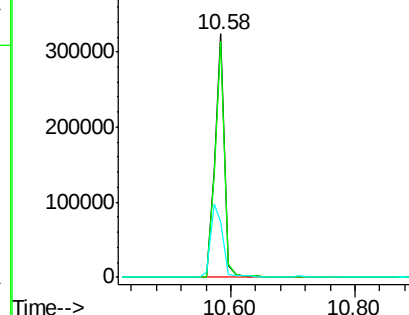
#41
 2,4,6-Tribromophenol
 Concen: 152.23 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

Instrument :
 BNA_F
 ClientSampleId :
 P-03

Tot Ion:330 Resp: 341854
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.5 34.1 51.1

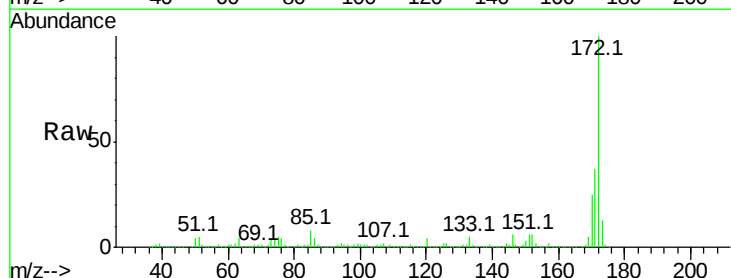


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

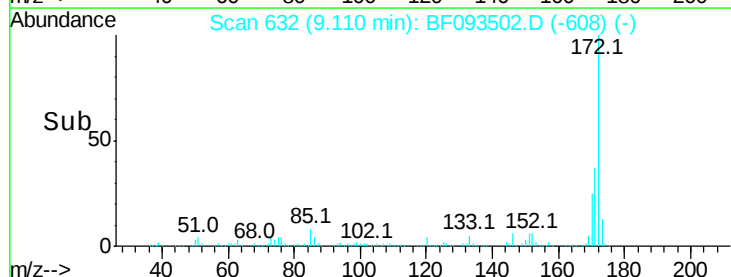
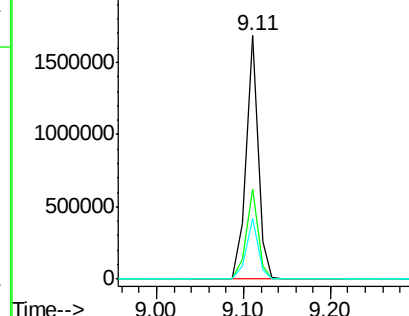


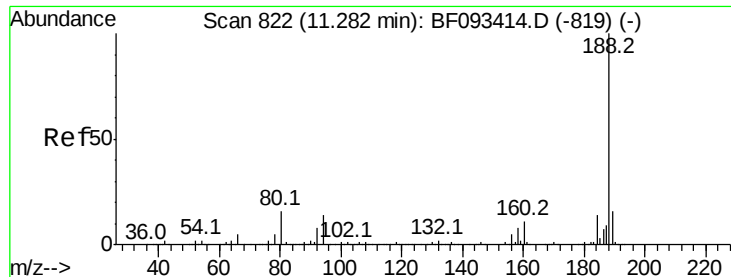
#44
 2-Fluorobiphenyl
 Concen: 87.48 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093502.D
 Acq: 10 Mar 2017 3:37

Tgt Ion:172 Resp: 1621078
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.9 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

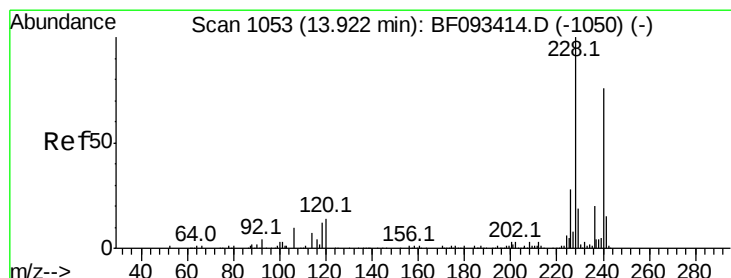
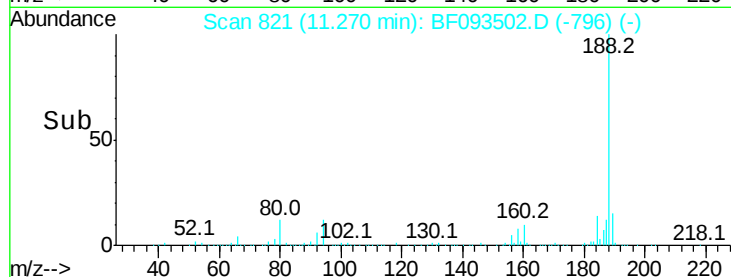
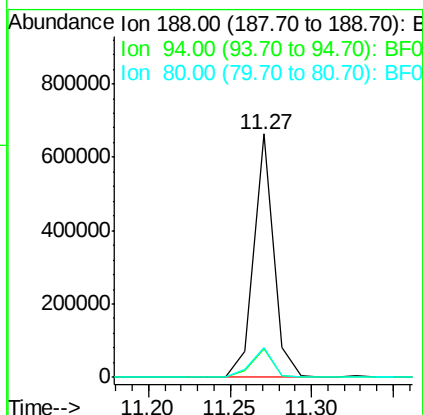
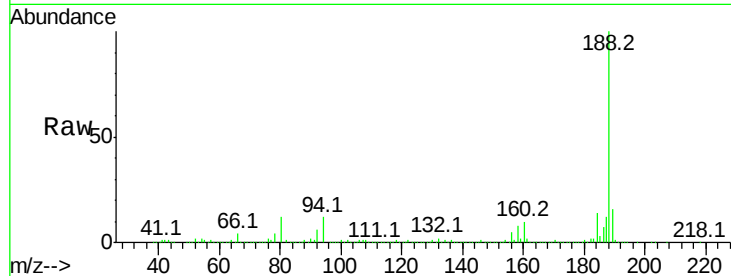




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093502.D
Acq: 10 Mar 2017 3:37

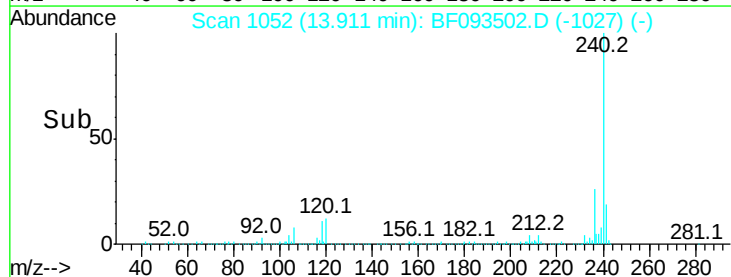
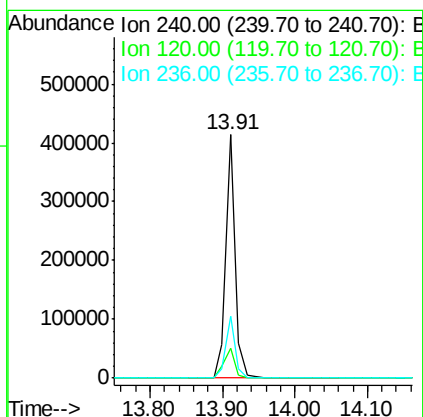
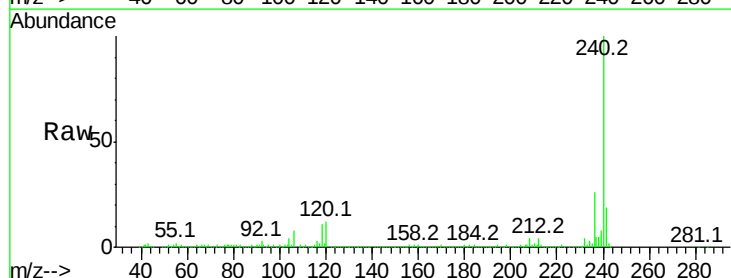
Instrument :
BNA_F
ClientSampleId :
P-03

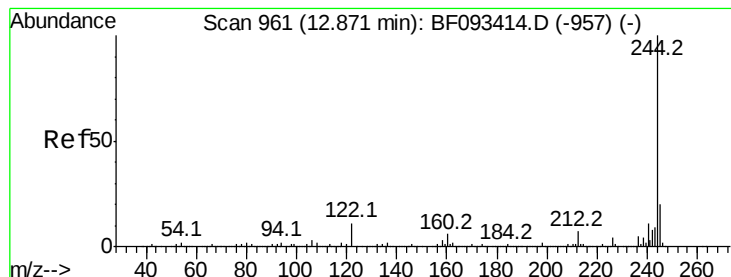
Tot Ion:188 Resp: 564081
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 12.3 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093502.D
Acq: 10 Mar 2017 3:37

Tgt Ion:240 Resp: 375364
Ion Ratio Lower Upper
240 100
120 12.4 12.9 19.3#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 92.54 ng

RT: 12.86 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

Instrument :

BNA_F

ClientSampleId :

P-03

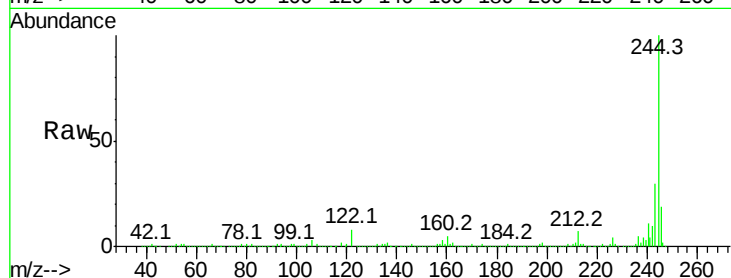
Tot Ion:244 Resp: 1336018

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

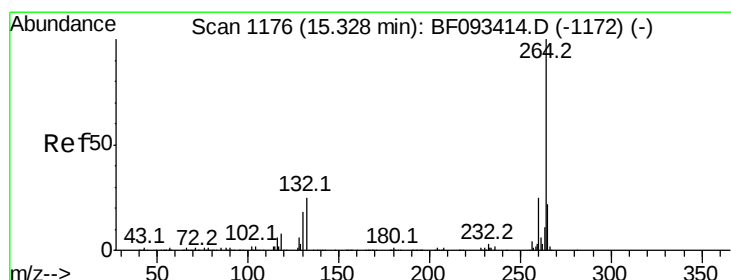
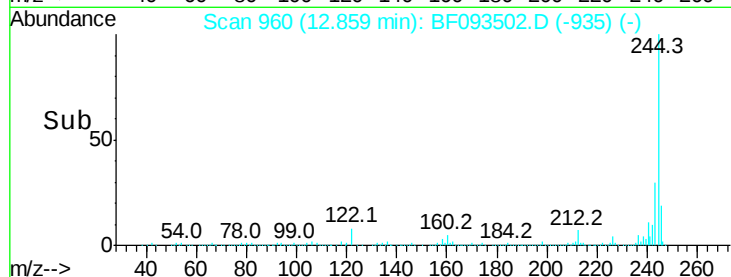
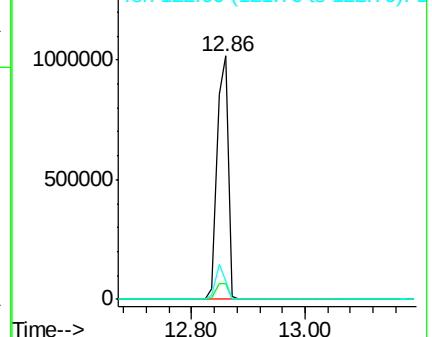
122 7.8 11.4 17.2#



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: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093502.D

Acq: 10 Mar 2017 3:37

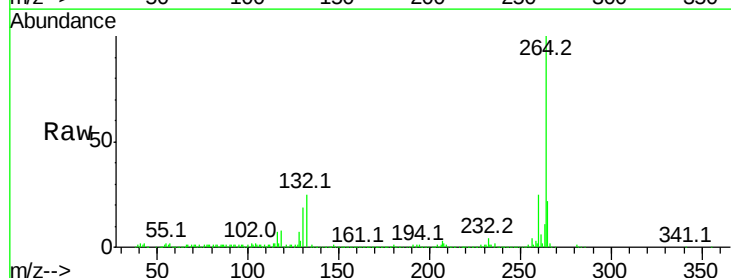
Tgt Ion:264 Resp: 337275

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 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

