

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093530.D
 Acq On : 10 Mar 2017 19:01
 Operator : SJ/MA
 Sample : I2172-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-41

Quant Time: Mar 11 00:04:28 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	180860	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	728481	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	355072	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	656198	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	575608	20.00	ng	-0.02
86) Perylene-d12	15.31	264	380886	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1524755	140.31	ng	0.01
7) Phenol-d6	6.41	99	1881085	137.27	ng	0.00
23) Nitrobenzene-d5	7.32	82	1243247	94.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	360774	155.95	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1774808	92.97	ng	-0.03
78) Terphenyl-d14	12.85	244	1693249	76.48	ng	-0.02

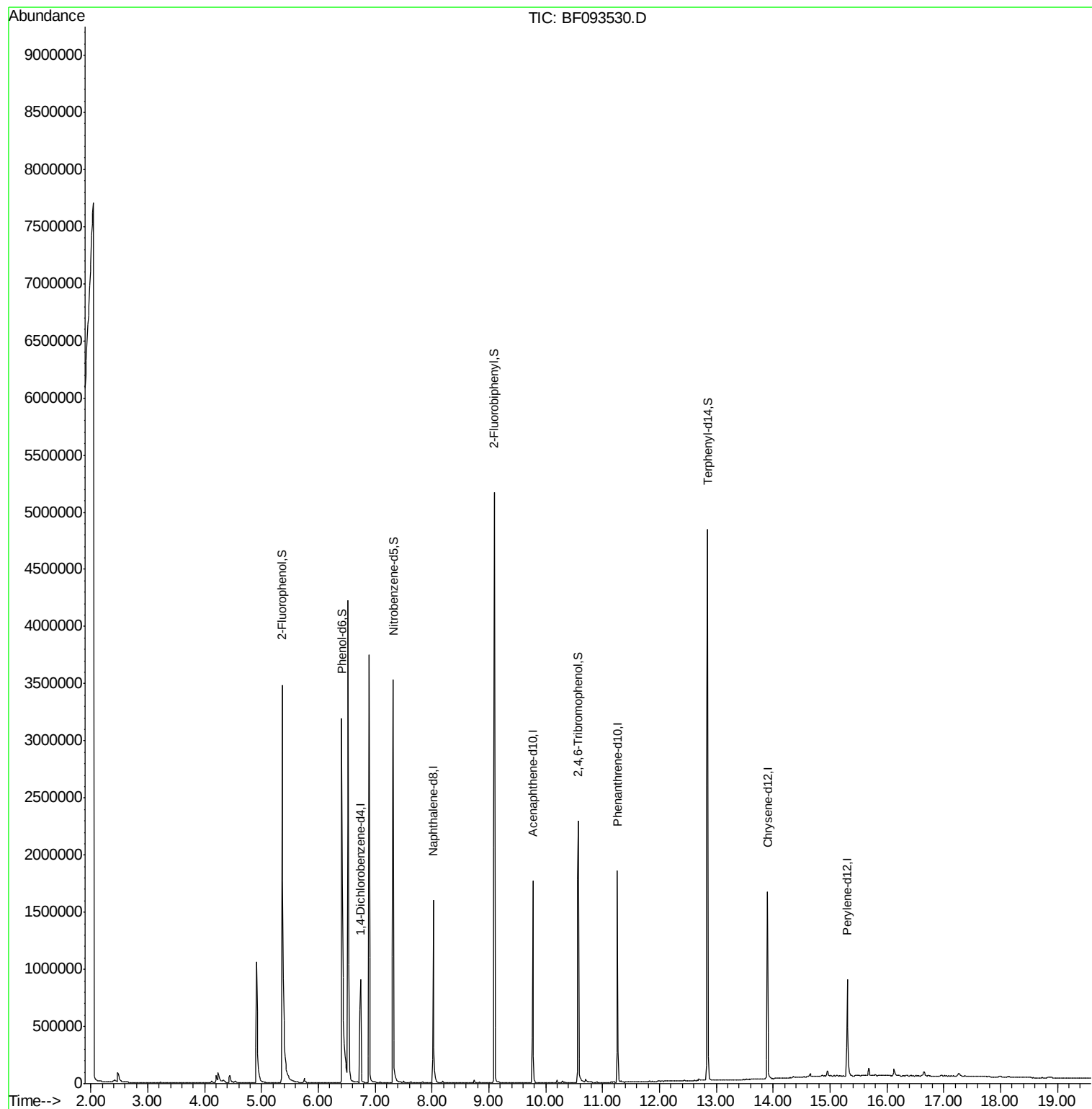
Target Compounds Qvalue

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

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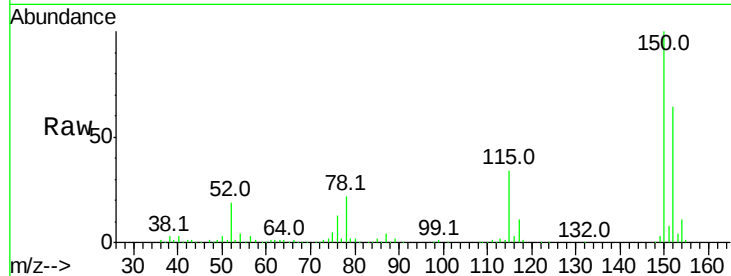


#1

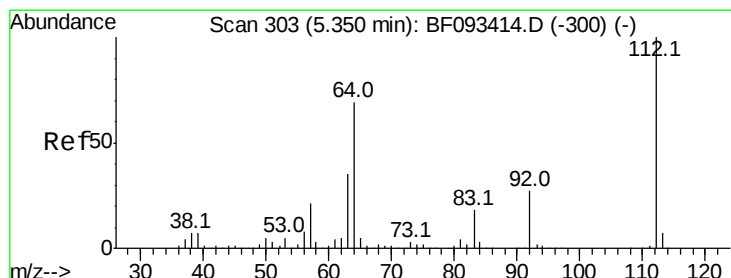
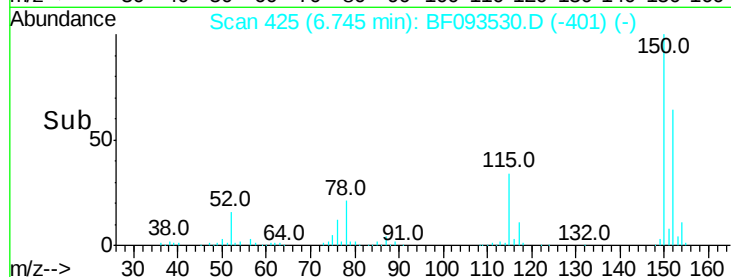
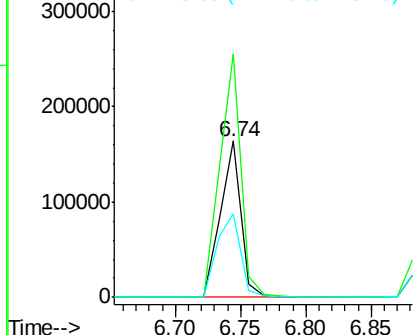
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093530.D
Acq: 10 Mar 2017 19:01

Instrument :
BNA_F
ClientSampleId :
D-41

Tot Ion:152 Resp: 180860
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 53.4 46.0 69.0



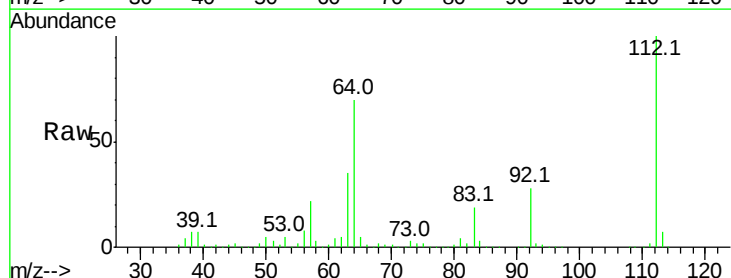
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



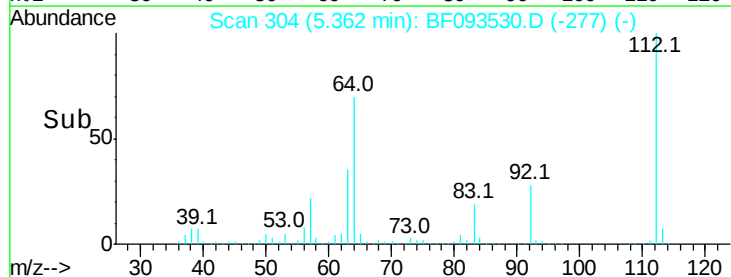
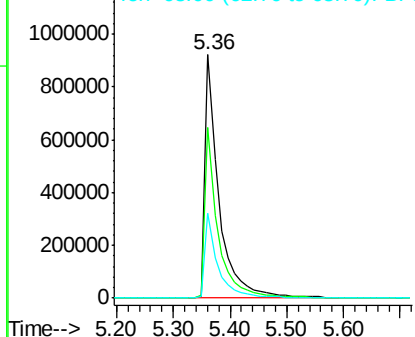
#5

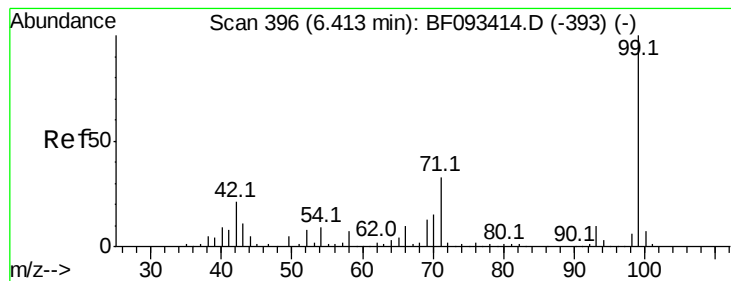
2-Fluorophenol
Concen: 140.31 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093530.D
Acq: 10 Mar 2017 19:01

Tgt Ion:112 Resp: 1524755
Ion Ratio Lower Upper
112 100
64 69.9 46.1 69.1#
63 34.6 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: 137.27 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093530.D

Acq: 10 Mar 2017 19:01

Instrument :

BNA_F

ClientSampleId :

D-41

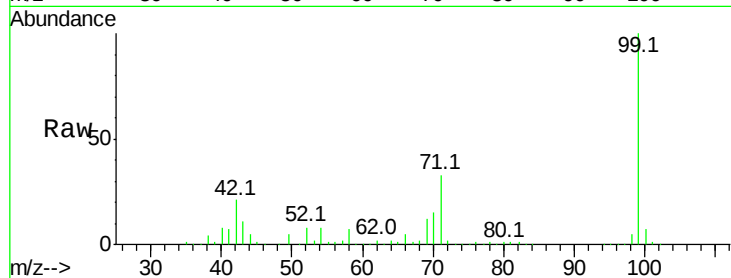
Tot Ion: 99 Resp: 1881085

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

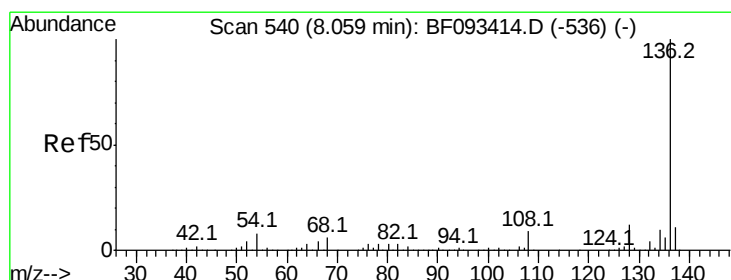
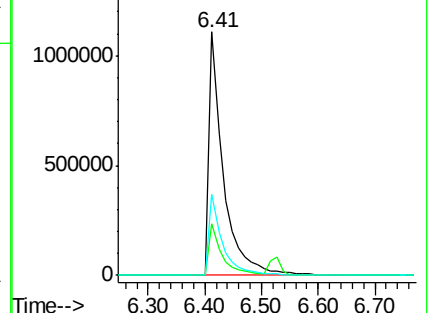
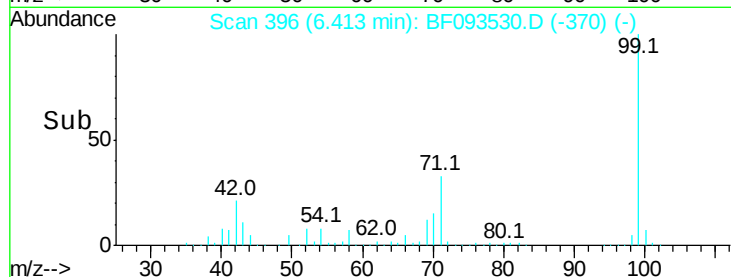
71 33.2 27.5 41.3



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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093530.D

Acq: 10 Mar 2017 19:01

Tgt Ion:136 Resp: 728481

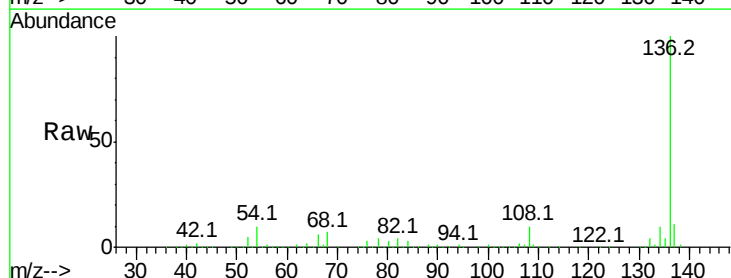
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.8 4.5 6.7#

68 7.0 3.6 5.4#

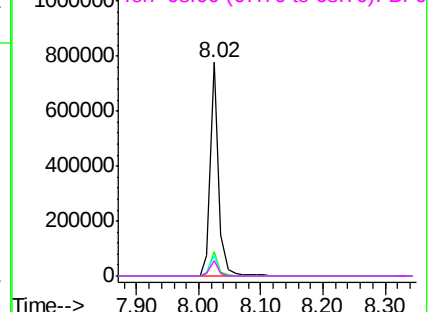
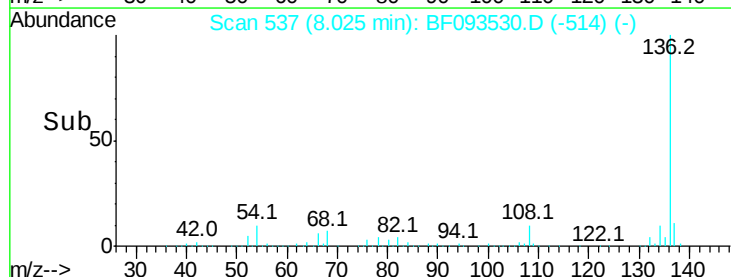


Abundance Ion 136.00 (135.70 to 136.70): E

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



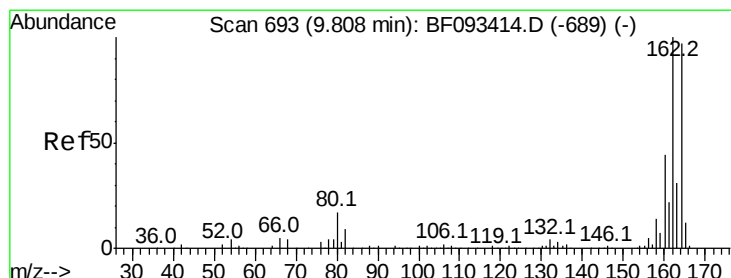
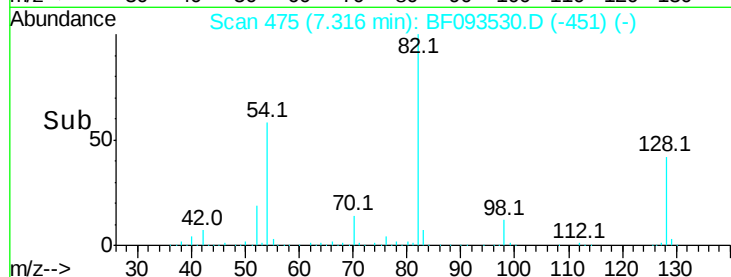
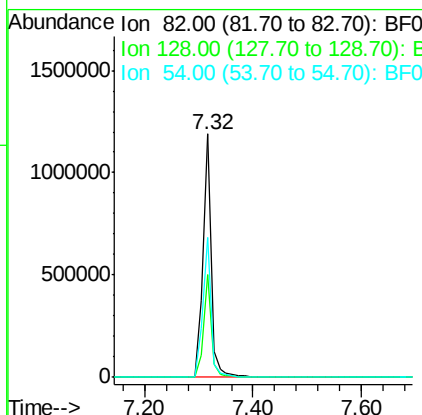
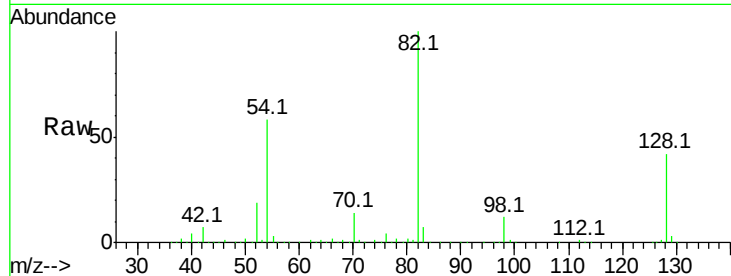


#23
 Nitrobenzene-d5
 Concen: 94.69 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093530.D
 Acq: 10 Mar 2017 19:01

Instrument :
 BNA_F
 ClientSampleID :
 D-41

Tot Ion: 82 Resp: 1243247

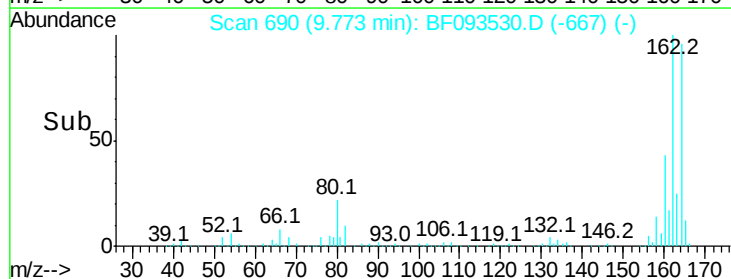
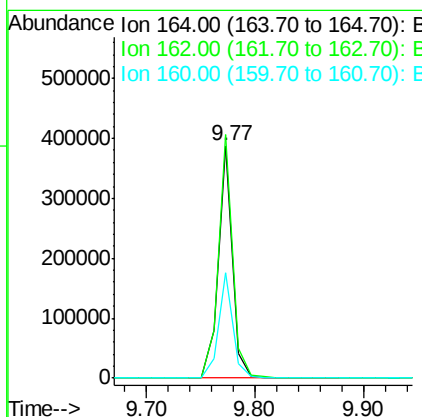
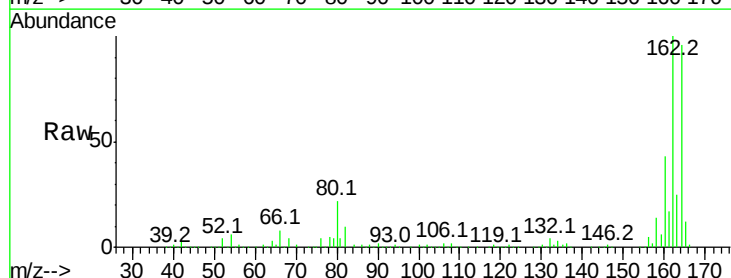
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	57.6	39.5	59.3

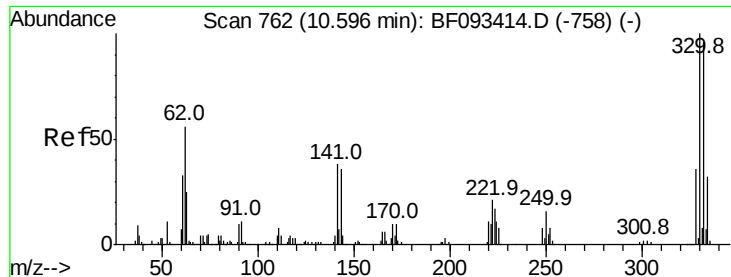


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093530.D
 Acq: 10 Mar 2017 19:01

Tgt Ion: 164 Resp: 355072

Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.2	120.2
160	45.5	36.9	55.3

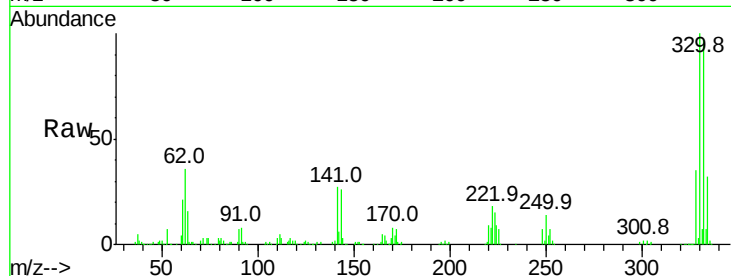




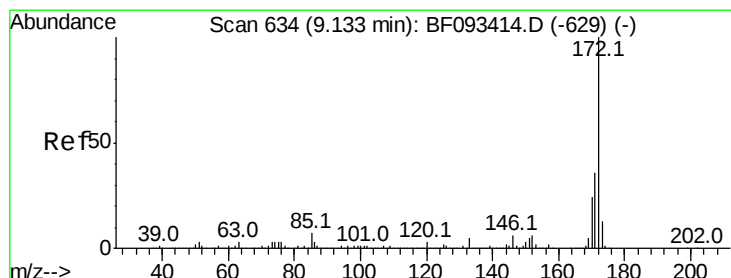
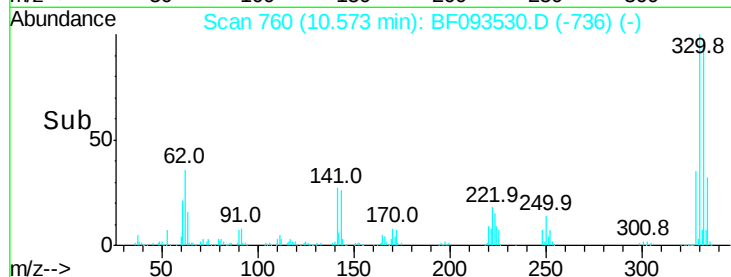
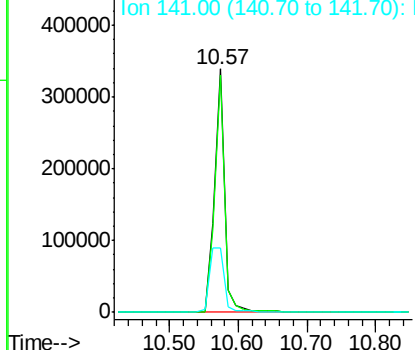
#41
 2,4,6-Tribromophenol
 Concen: 155.95 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093530.D
 Acq: 10 Mar 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :
 D-41

Tot Ion:330 Resp: 360774
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 38.4 34.1 51.1

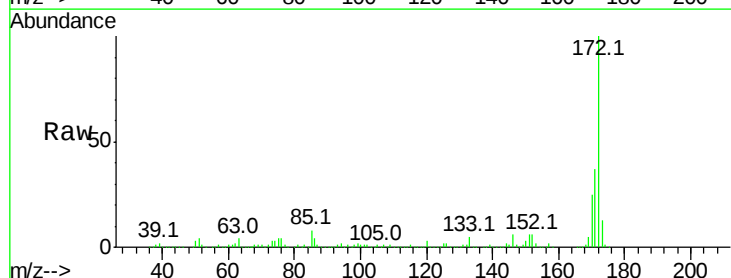


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

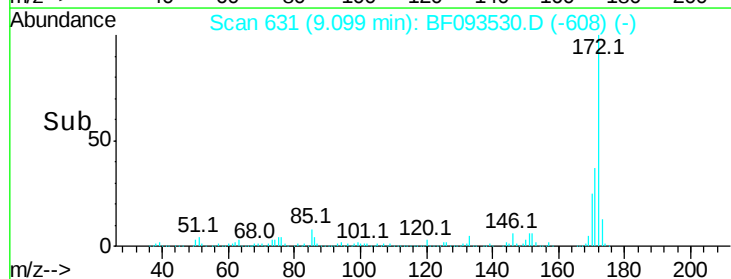
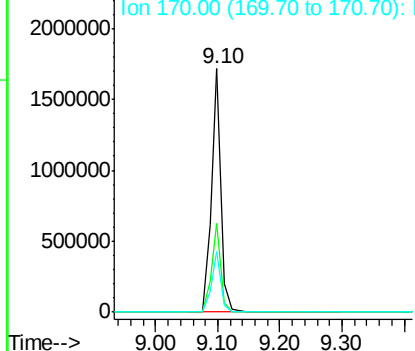


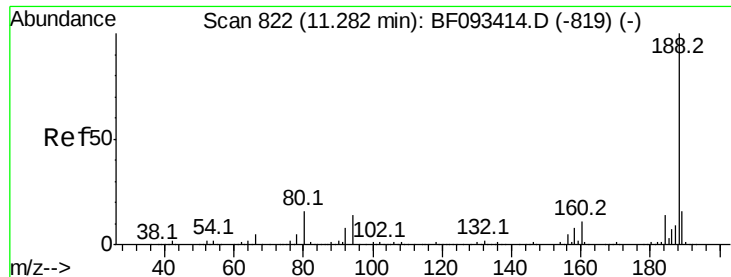
#44
 2-Fluorobiphenyl
 Concen: 92.97 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093530.D
 Acq: 10 Mar 2017 19:01

Tgt Ion:172 Resp: 1774808
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 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

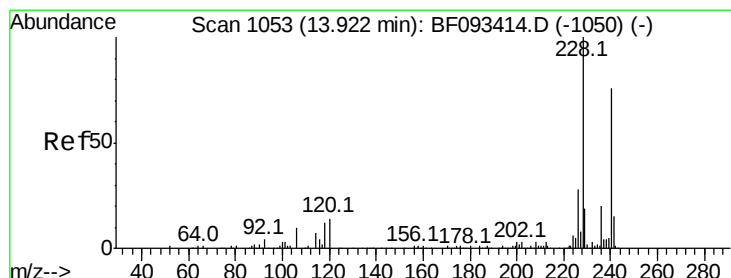
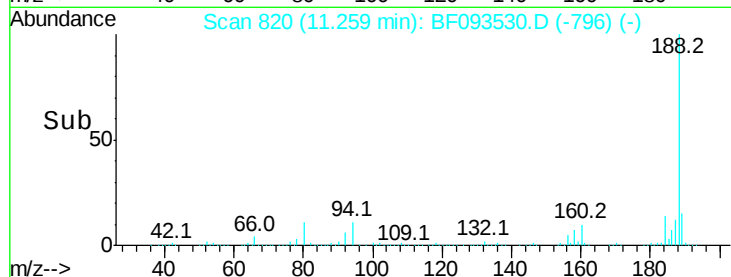
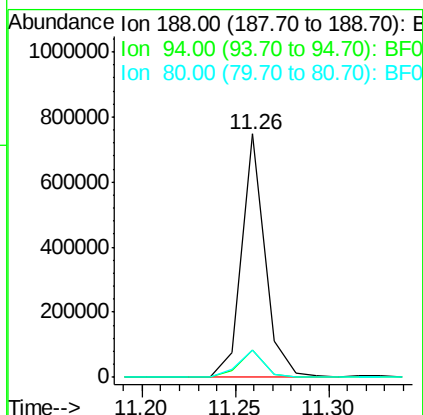
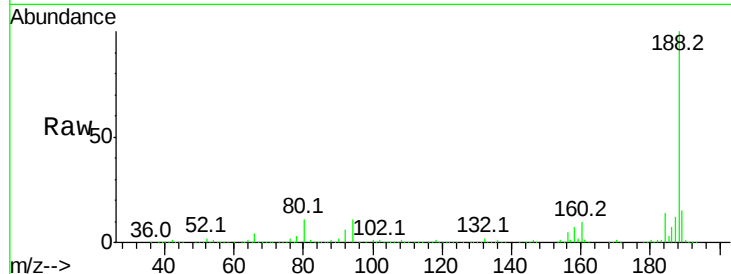




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093530.D
Acq: 10 Mar 2017 19:01

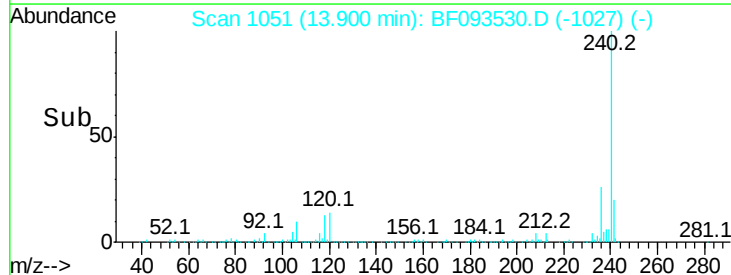
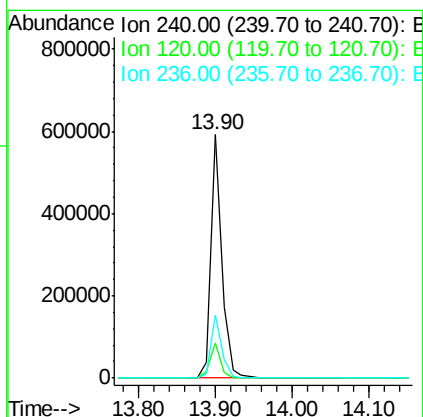
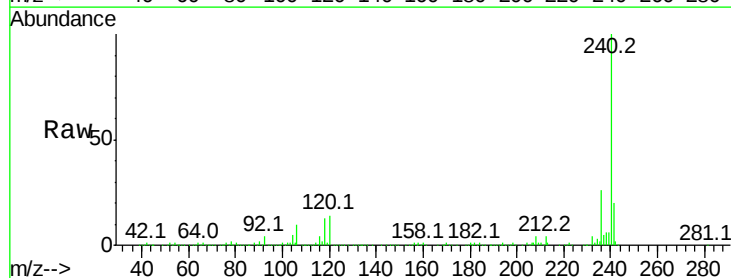
Instrument :
BNA_F
ClientSampleId :
D-41

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.0	15.0
80	11.5	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093530.D
Acq: 10 Mar 2017 19:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	12.9	19.3
236	26.1	20.9	31.3





#78

Terphenyl-d14

Concen: 76.48 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093530.D

Acq: 10 Mar 2017 19:01

Instrument :

BNA_F

ClientSampleId :

D-41

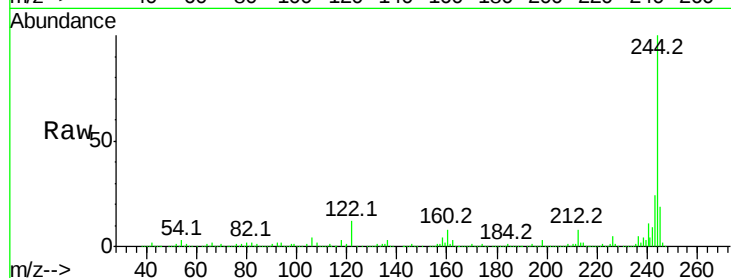
Tot Ion:244 Resp: 1693249

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

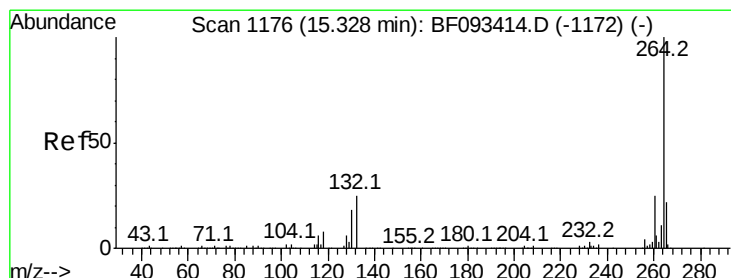
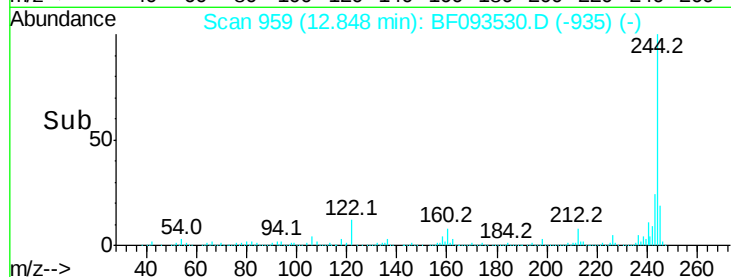
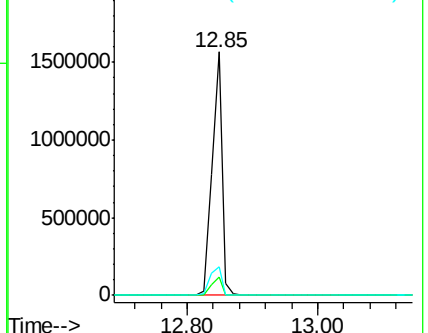
122 11.9 11.4 17.2



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: 15.31 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF093530.D

Acq: 10 Mar 2017 19:01

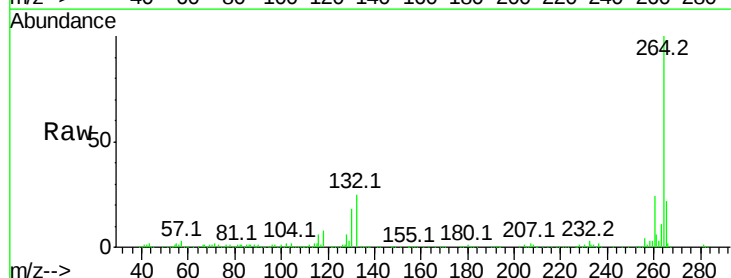
Tgt Ion:264 Resp: 380886

Ion Ratio Lower Upper

264 100

260 24.2 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

