

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093638.D
 Acq On : 14 Mar 2017 5:44
 Operator : SJ/MA
 Sample : I2199-30
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-111

Quant Time: Mar 14 06:38:37 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	177848	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	713733	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	344464	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	658962	20.00	ng	0.00
75) Chrysene-d12	13.90	240	492204	20.00	ng	0.01
86) Perylene-d12	15.31	264	253115	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1608481	150.52	ng	0.00
7) Phenol-d6	6.37	99	1966203	145.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1305742	101.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	396707	176.77	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	2098575	113.32	ng	-0.01
78) Terphenyl-d14	12.84	244	1697721	89.68	ng	0.01

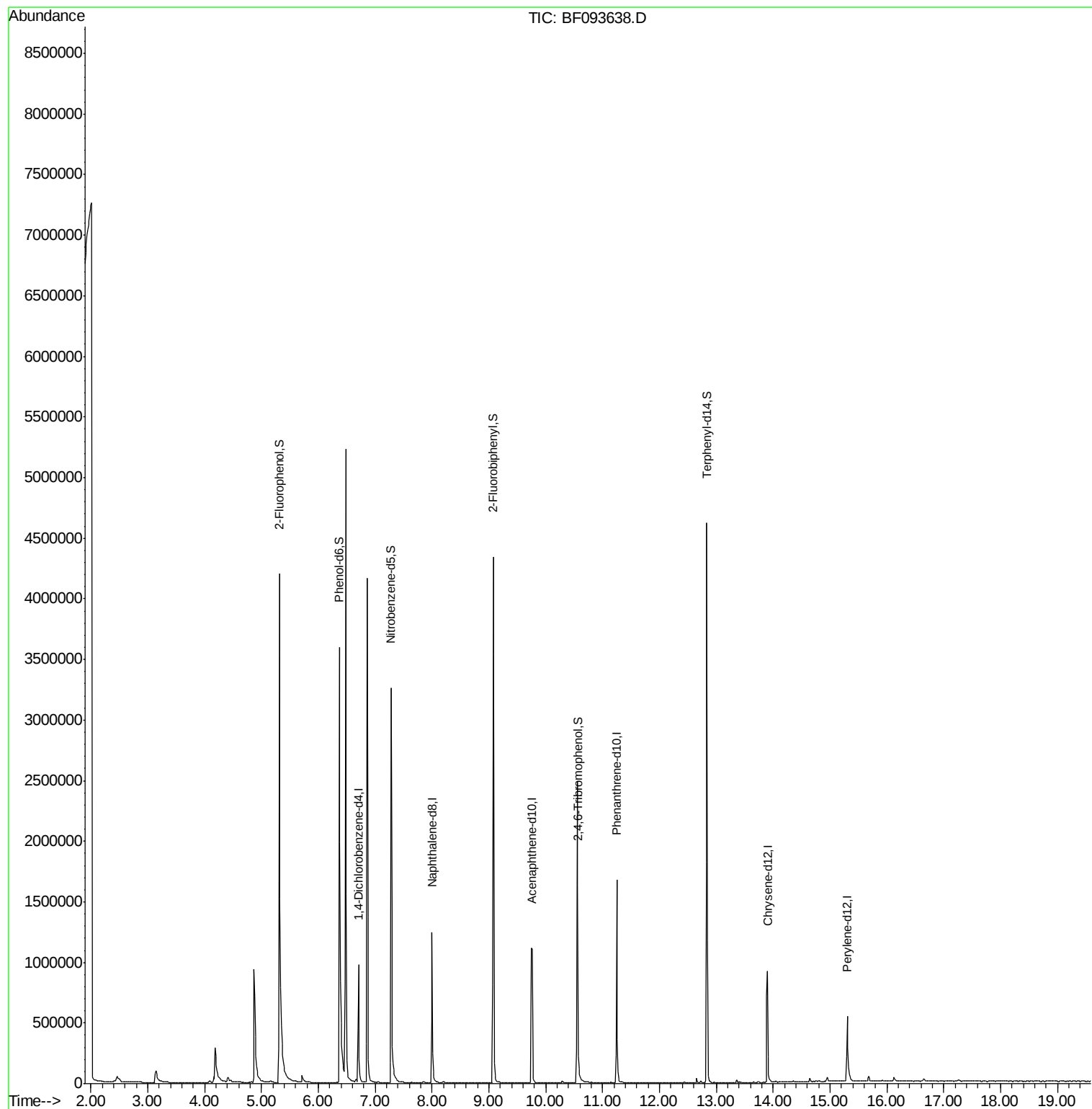
Target Compounds Qvalue

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

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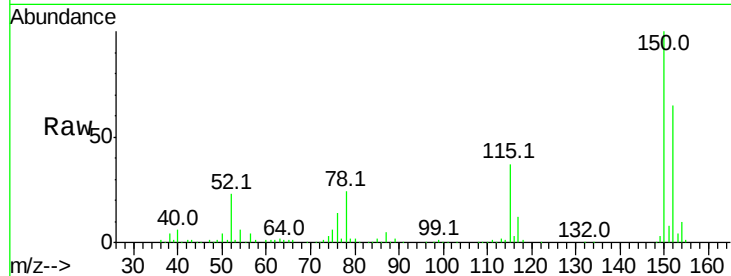


#1

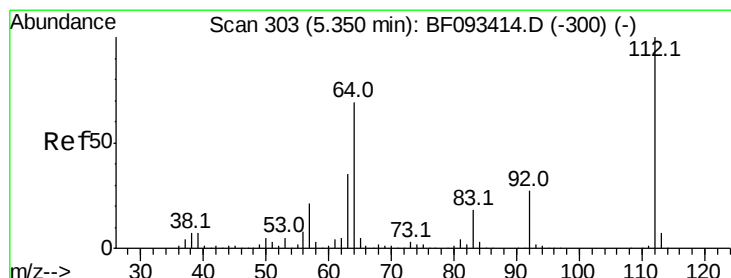
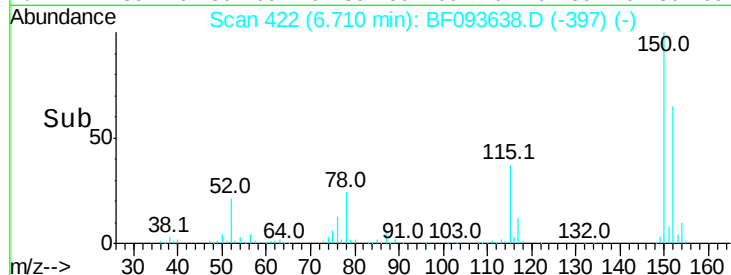
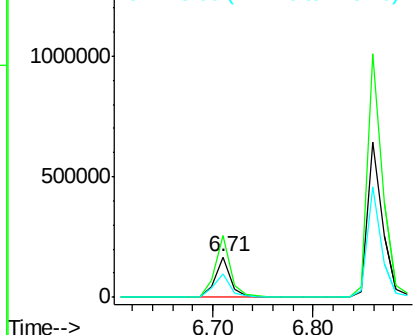
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
D-111

Tot Ion:152 Resp: 177848
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 57.6 46.0 69.0



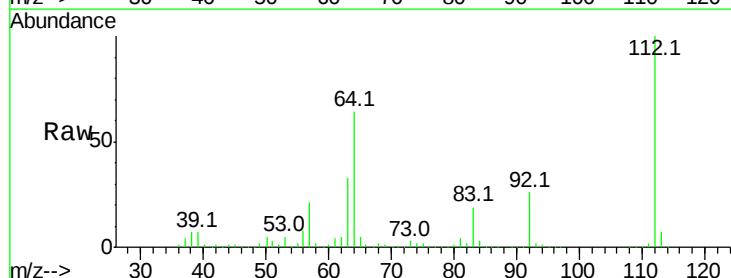
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



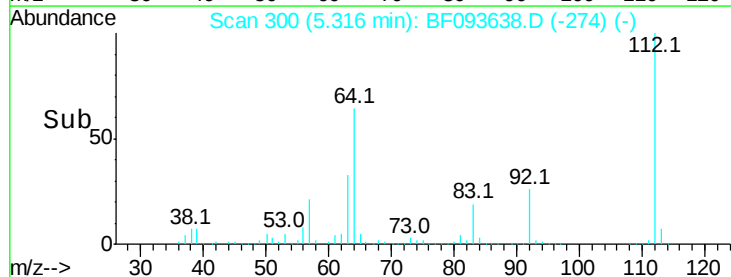
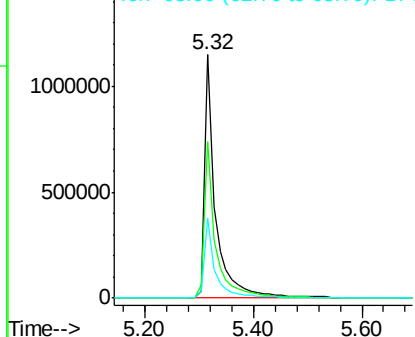
#5

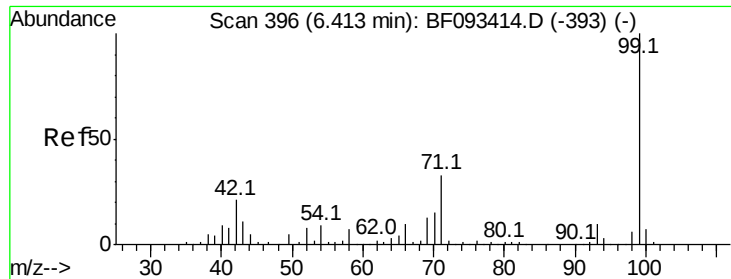
2-Fluorophenol
Concen: 150.52 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

Tgt Ion:112 Resp: 1608481
Ion Ratio Lower Upper
112 100
64 64.4 46.1 69.1
63 33.0 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: 145.91 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

D-111

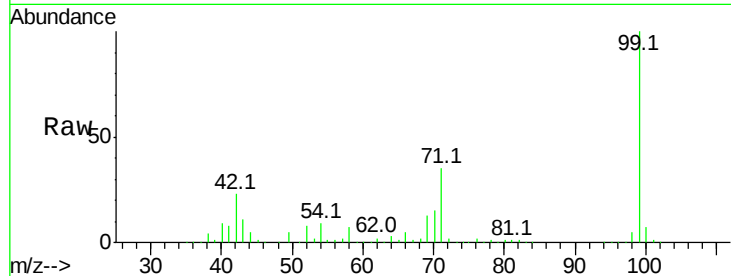
Tot Ion: 99 Resp: 1966203

Ion Ratio Lower Upper

99 100

42 22.5 15.6 23.4

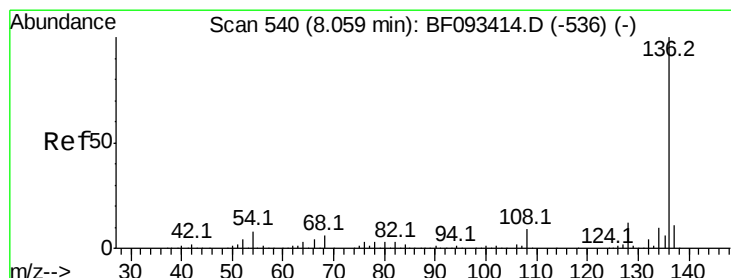
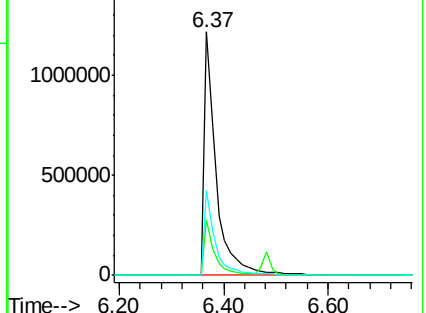
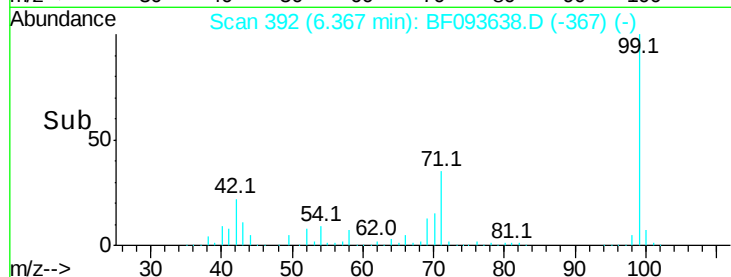
71 34.9 27.5 41.3



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: BF093638.D

Acq: 14 Mar 2017 5:44

Tgt Ion: 136 Resp: 713733

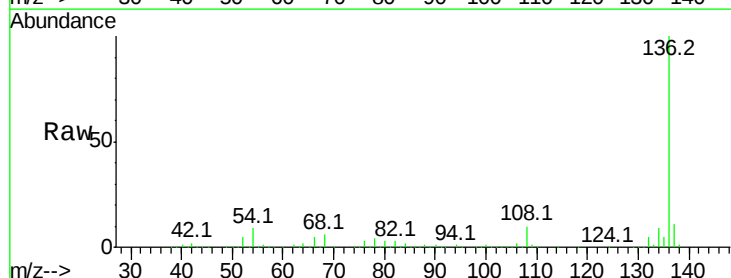
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.5 4.5 6.7#

68 6.4 3.6 5.4#

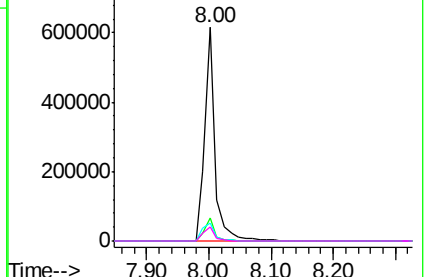
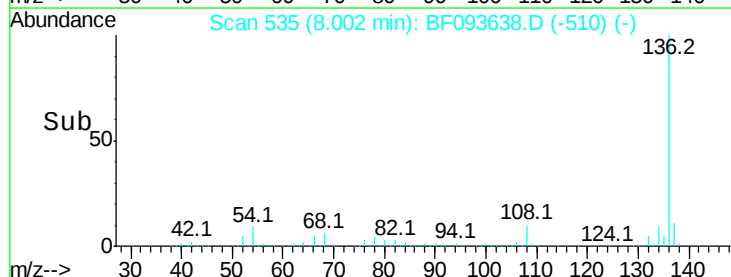


Abundance Ion 136.00 (135.70 to 136.70): E

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

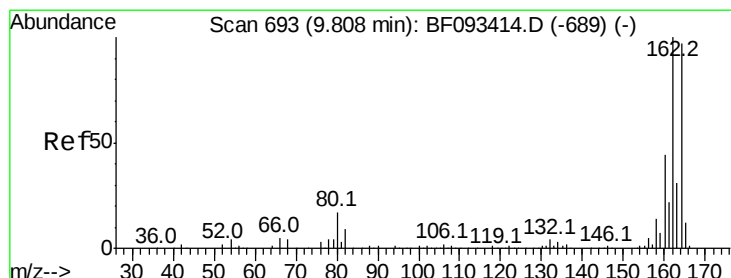
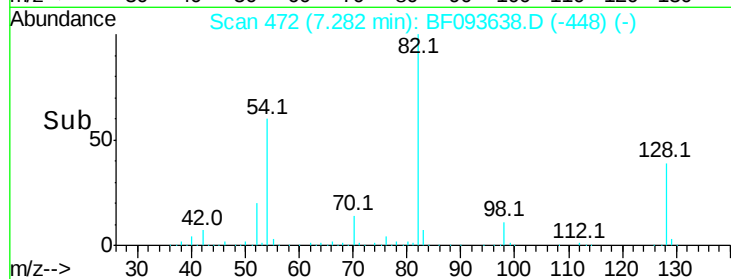
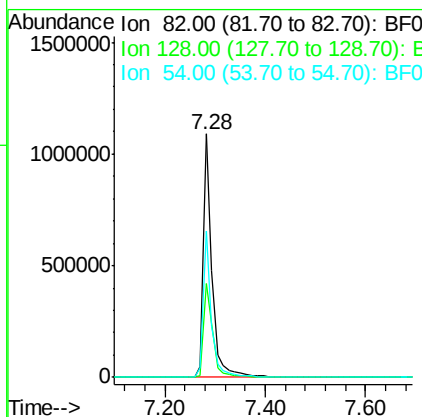
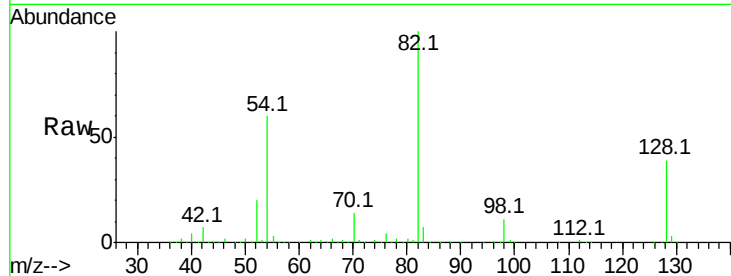




#23
 Nitrobenzene-d5
 Concen: 101.51 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

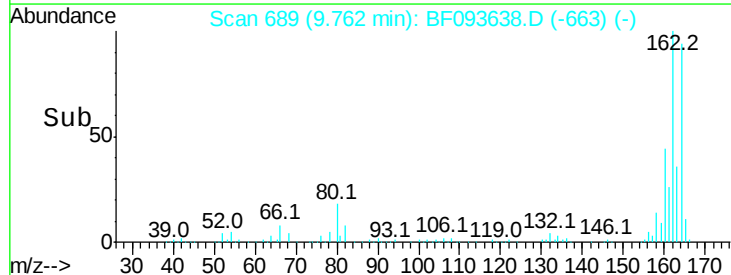
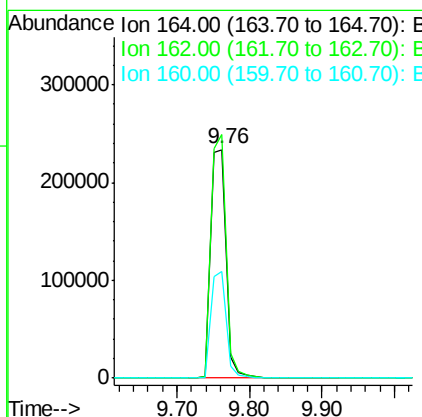
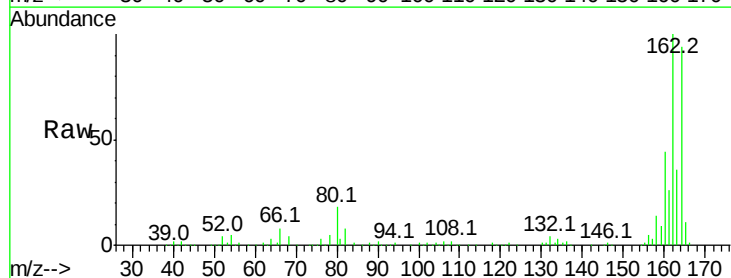
Instrument :
 BNA_F
 ClientSampleID :
 D-111

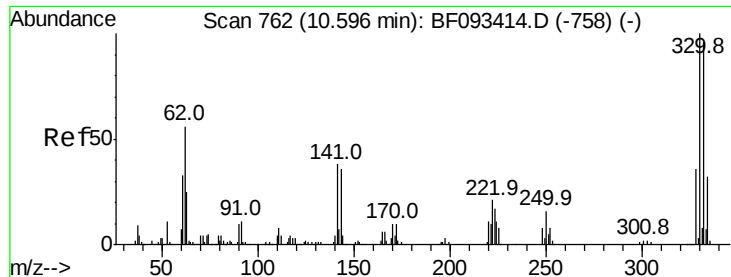
Tot Ion: 82 Resp: 1305742
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.6 52.0
 54 60.2 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

Tgt Ion:164 Resp: 344464
 Ion Ratio Lower Upper
 164 100
 162 106.6 80.2 120.2
 160 46.9 36.9 55.3

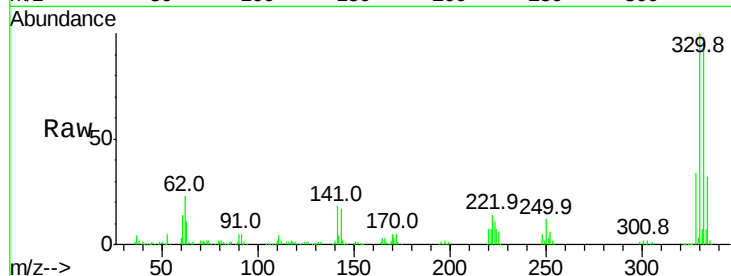




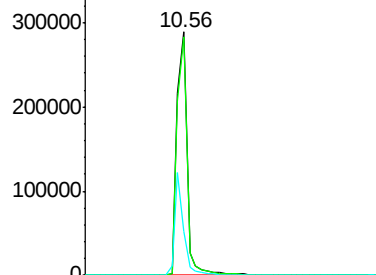
#41
 2,4,6-Tribromophenol
 Concen: 176.77 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 D-111

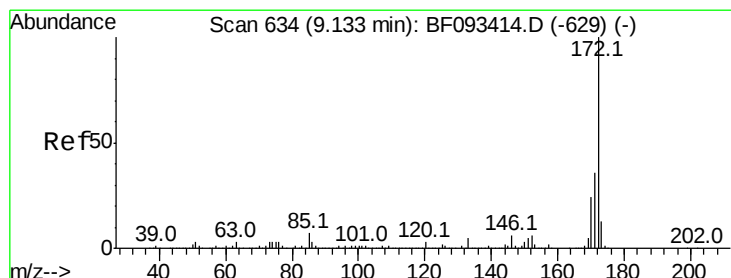
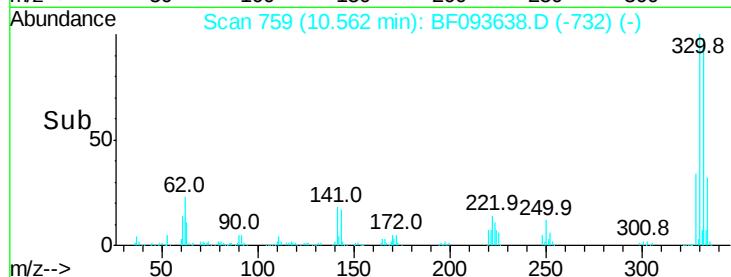
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	37.3	34.1	51.1



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

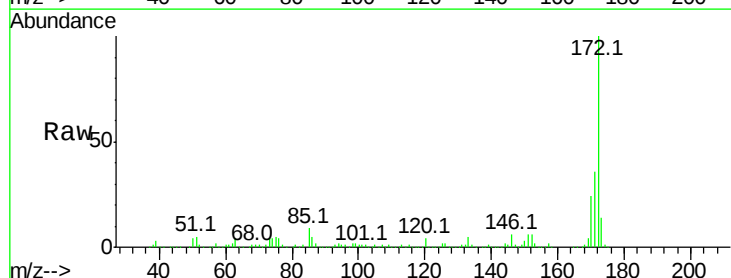


Time--> 10.40 10.60 10.80

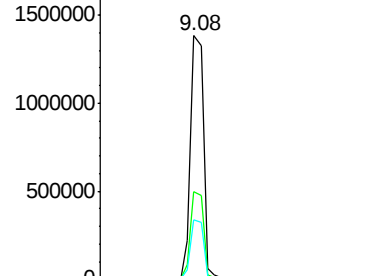


#44
 2-Fluorobiphenyl
 Concen: 113.32 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093638.D
 Acq: 14 Mar 2017 5:44

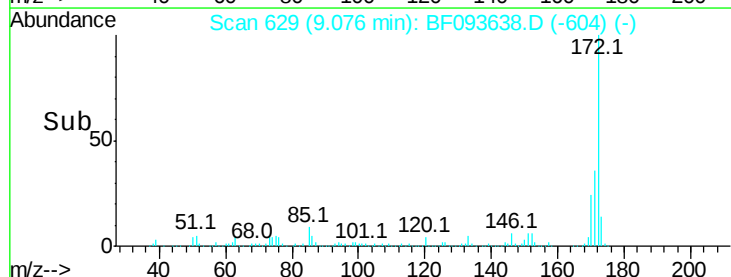
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	20.2	30.4

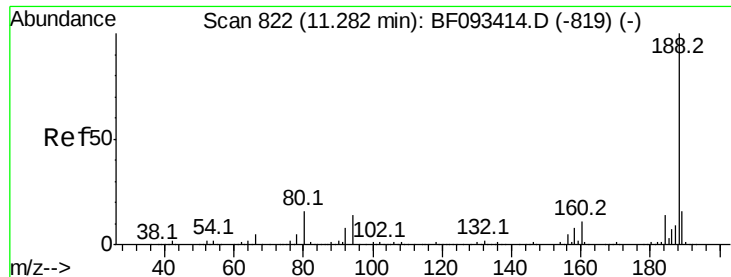


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 9.00 9.10 9.20 9.30 9.40

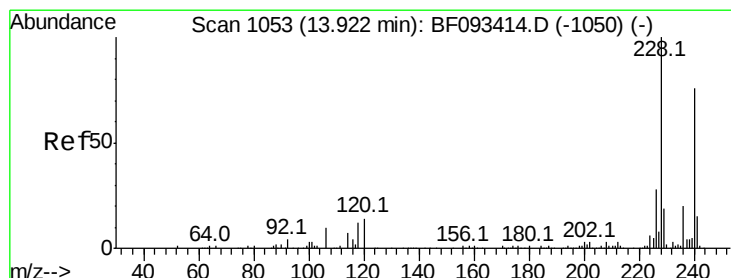
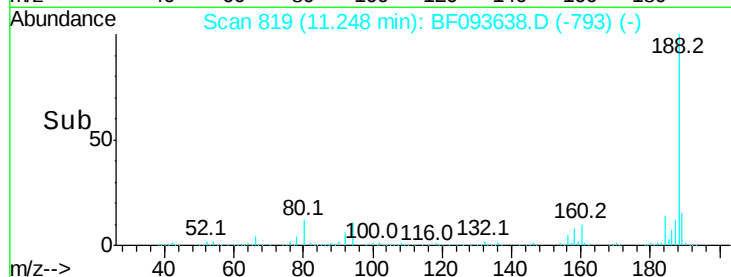
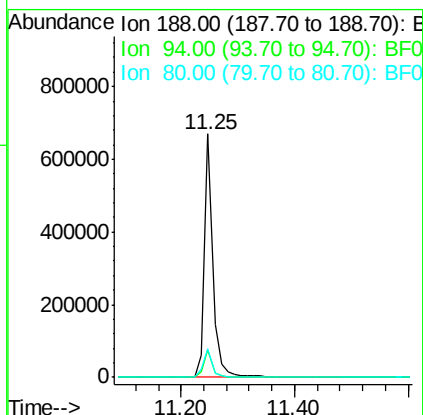
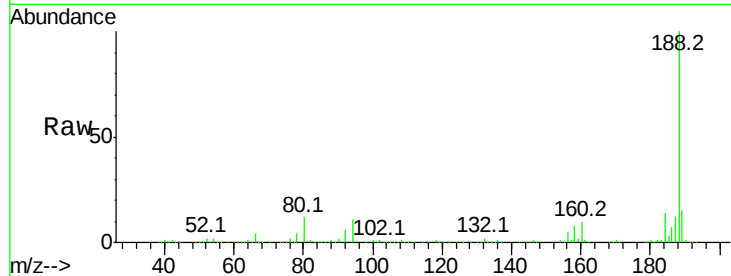




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

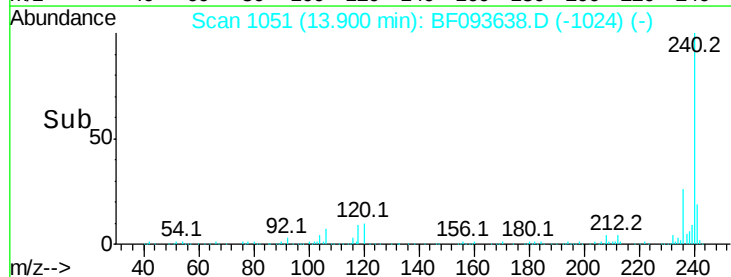
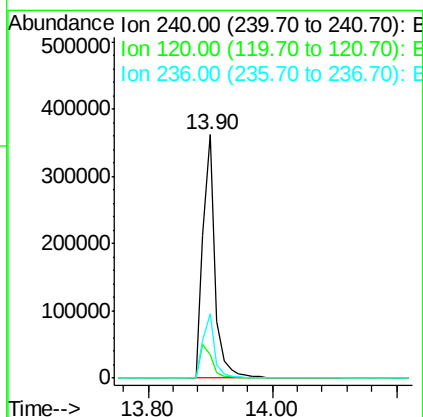
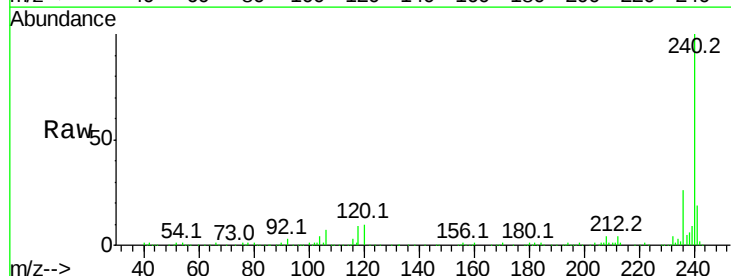
Instrument :
BNA_F
ClientSampleId :
D-111

Tot Ion:188 Resp: 658962
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.6 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093638.D
Acq: 14 Mar 2017 5:44

Tgt Ion:240 Resp: 492204
Ion Ratio Lower Upper
240 100
120 9.8 12.9 19.3#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 89.68 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093638.D

Acq: 14 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

D-111

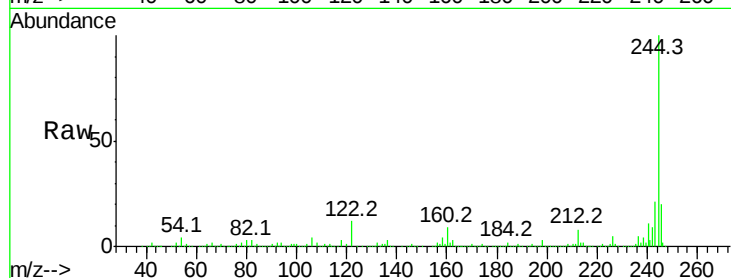
Tot Ion:244 Resp: 1697721

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

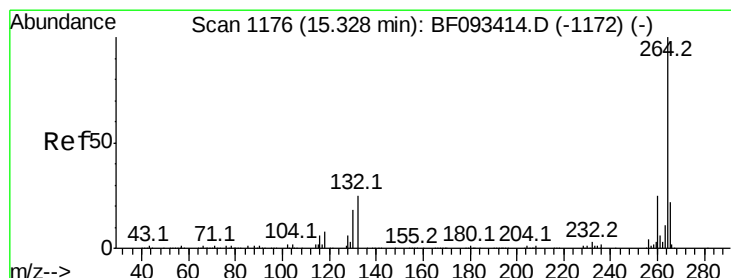
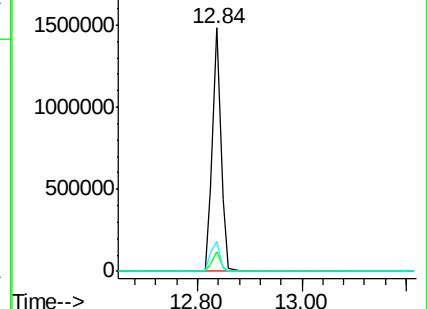
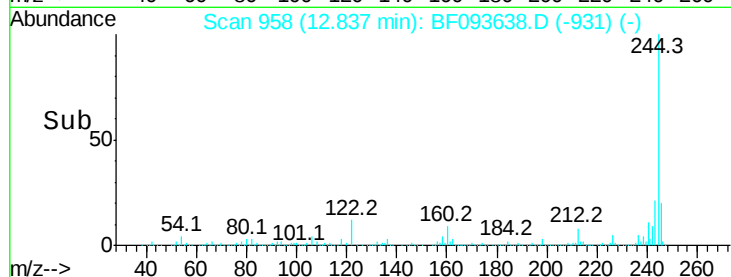
122 12.2 11.4 17.2



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: BF093638.D

Acq: 14 Mar 2017 5:44

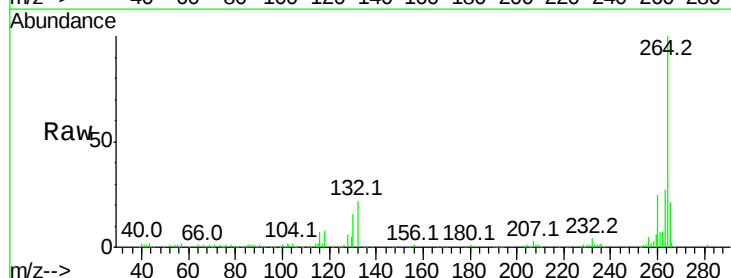
Tgt Ion:264 Resp: 253115

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 20.8 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

