

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093769.D
 Acq On : 20 Mar 2017 17:35
 Operator : SJ/MA
 Sample : I2263-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Quant Time: Mar 21 01:20:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	199451	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	789614	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	380580	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	755498	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	588942	20.00	ng	-0.03
86) Perylene-d12	15.37	264	492022	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	343708	30.13	ng	-0.01
7) Phenol-d6	6.45	99	288825	20.49	ng	-0.03
23) Nitrobenzene-d5	7.40	82	1182376	84.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	201031	68.20	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2183143	96.46	ng	-0.01
78) Terphenyl-d14	12.94	244	1892534	65.52	ng	-0.01

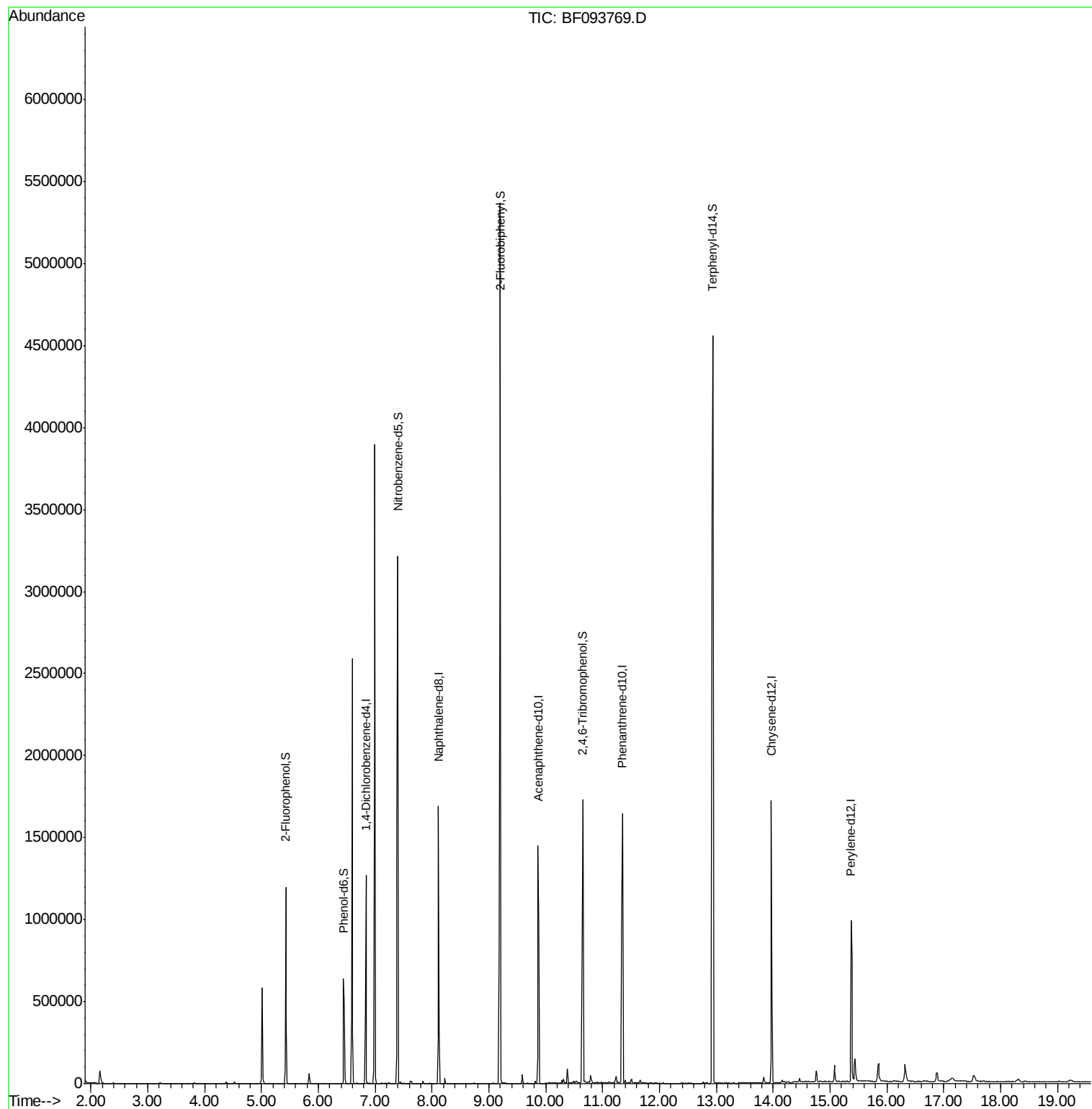
Target Compounds Qvalue

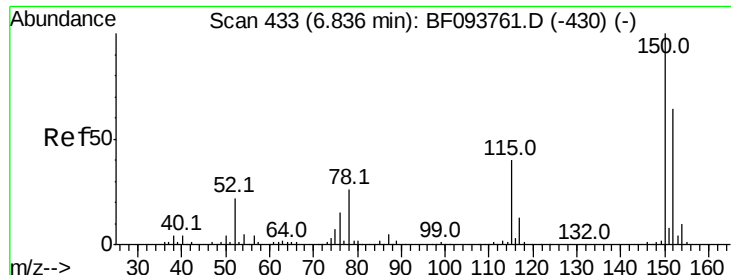
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 20 16:03:59 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

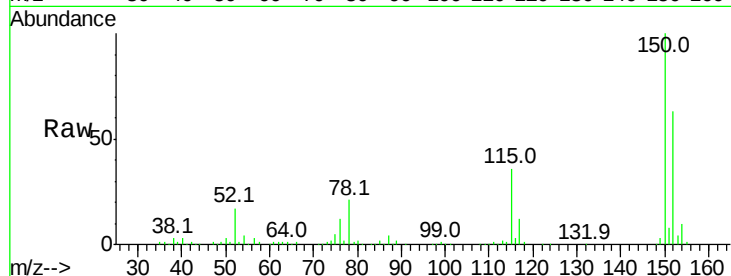
Tot Ion:152 Resp: 199451

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

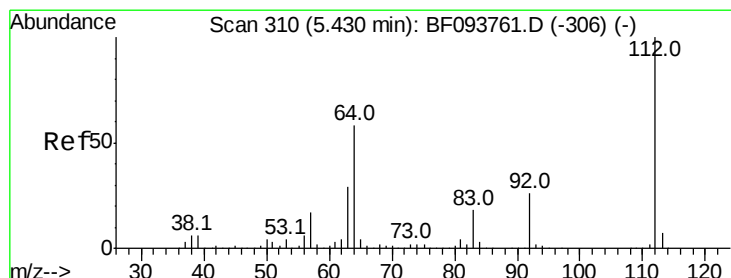
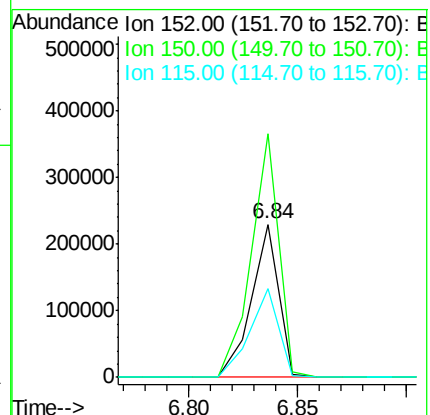
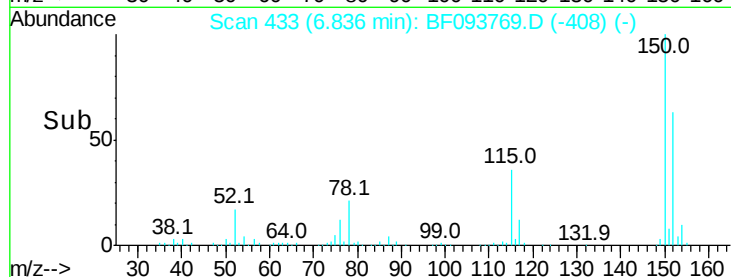
115 57.9 52.2 78.2



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: 30.13 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

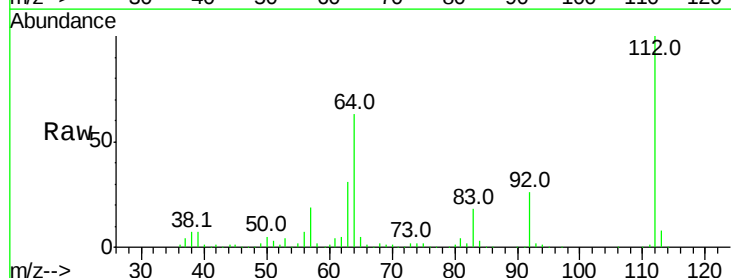
Tgt Ion:112 Resp: 343708

Ion Ratio Lower Upper

112 100

64 63.0 46.0 69.0

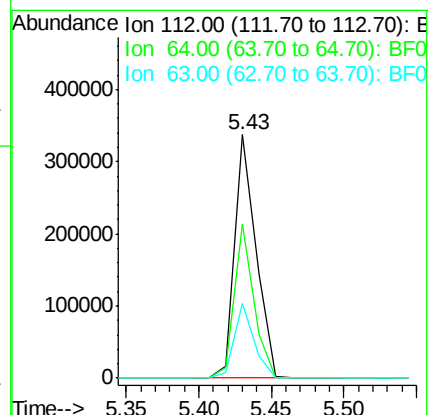
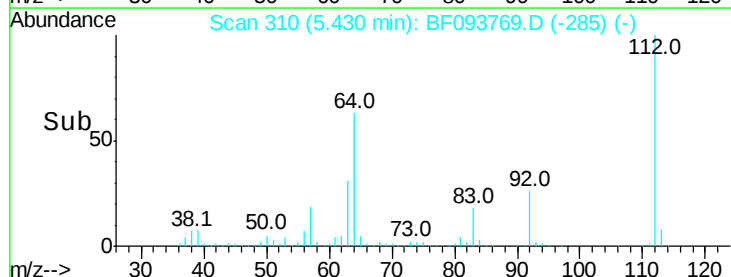
63 30.5 23.4 35.0

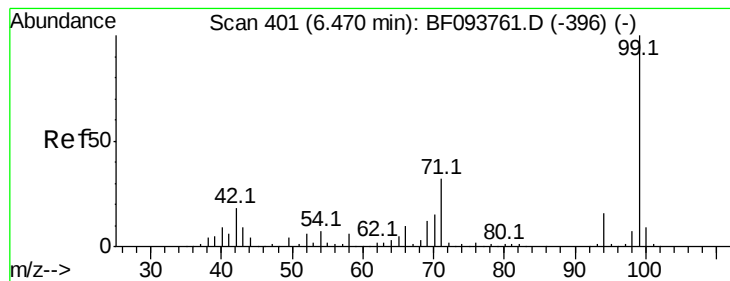


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.49 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

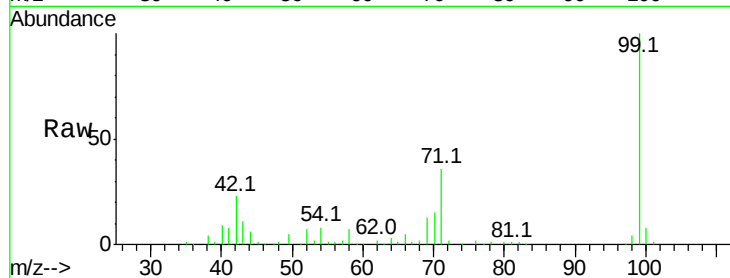
Tot Ion: 99 Resp: 288825

Ion Ratio Lower Upper

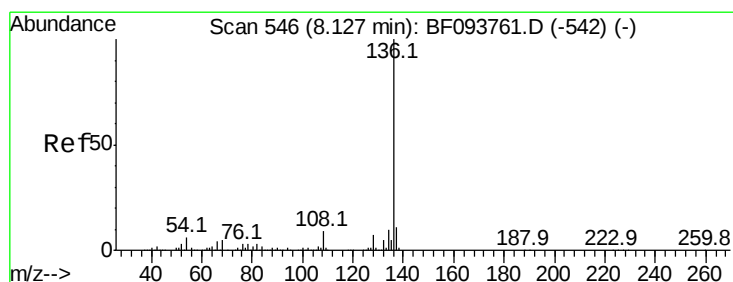
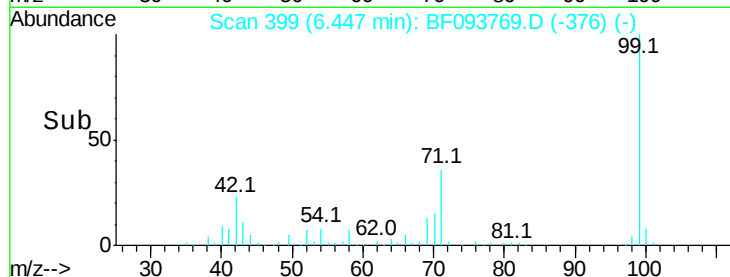
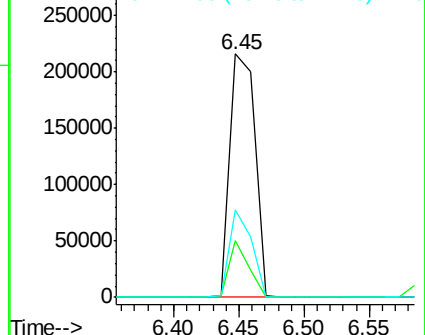
99 100

42 23.1 13.5 20.3#

71 36.1 24.5 36.7



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: 8.12 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Tgt Ion: 136 Resp: 789614

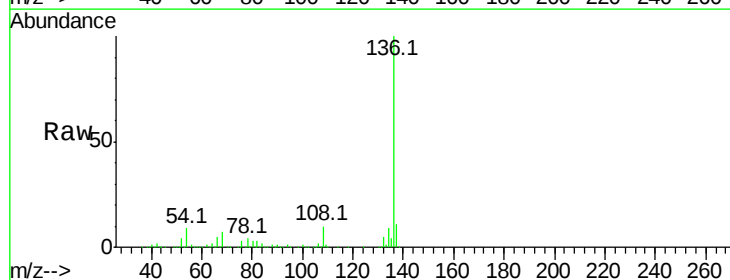
Ion Ratio Lower Upper

136 100

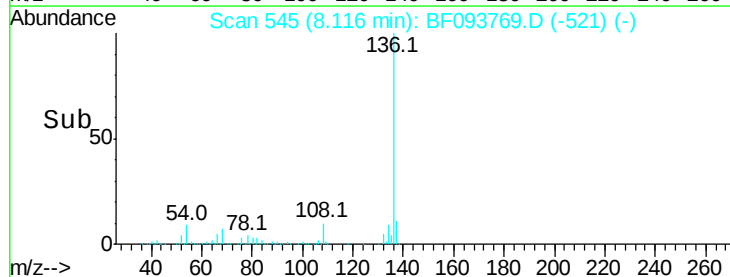
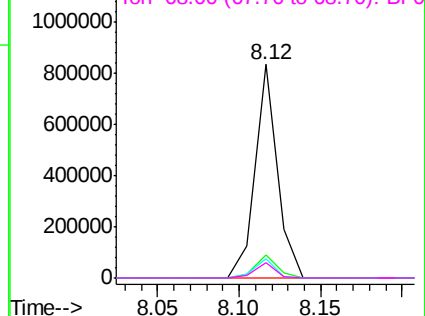
137 11.0 8.5 12.7

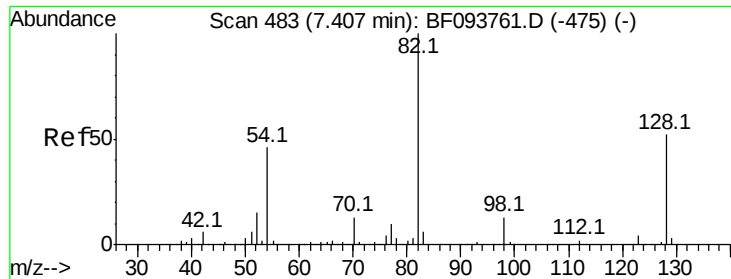
54 8.8 4.9 7.3#

68 6.9 4.1 6.1#



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



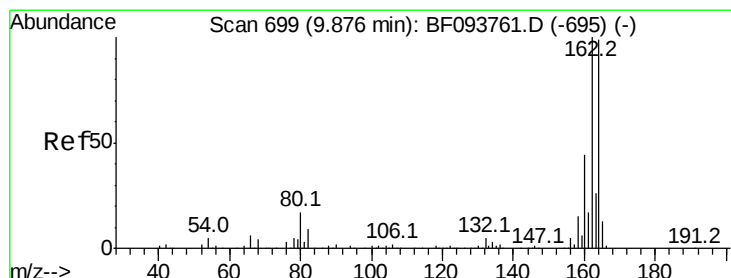
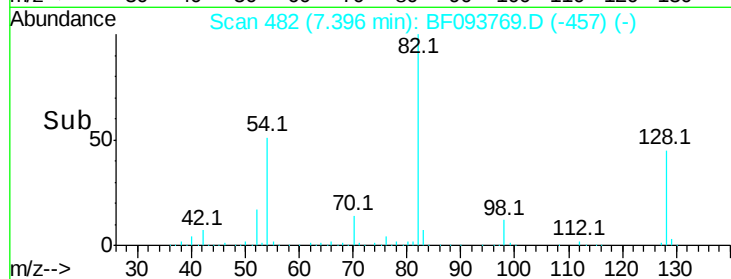
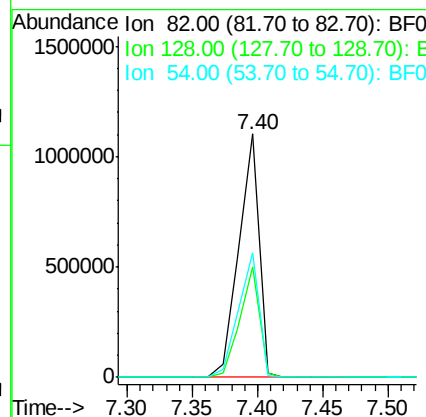
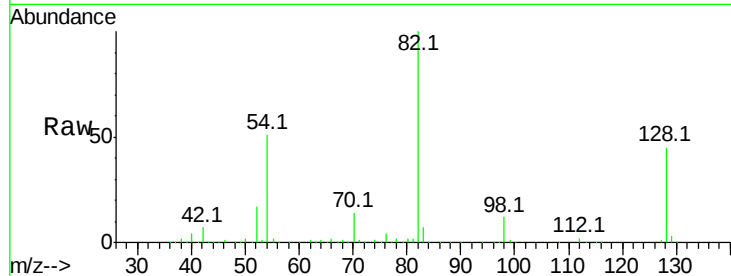


#23
 Nitrobenzene-d5
 Concen: 84.94 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.01 min
 Lab File: BF093769.D
 Acq: 20 Mar 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Tot Ion: 82 Resp: 1182376

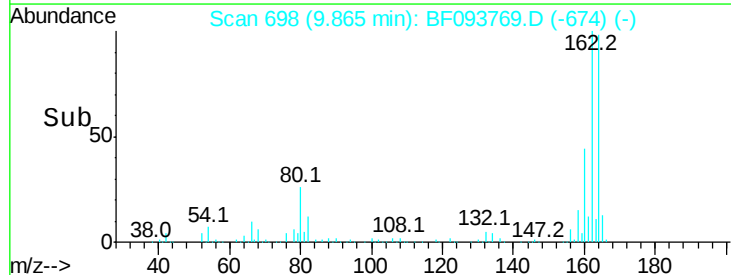
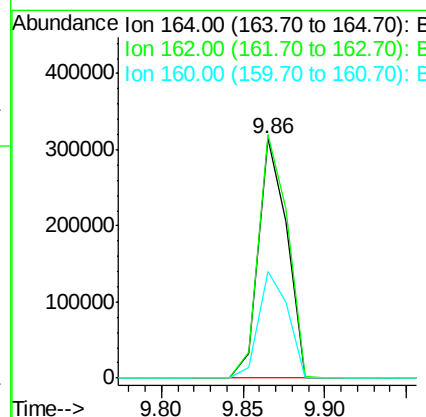
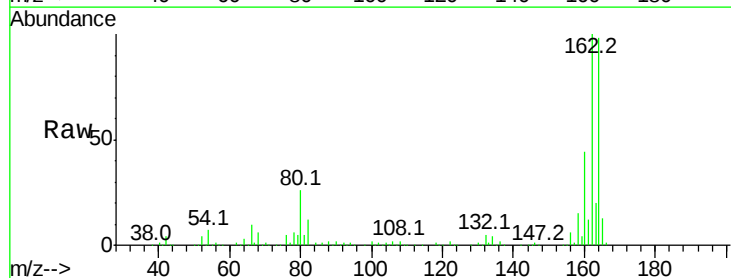
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	51.0	42.2	63.2

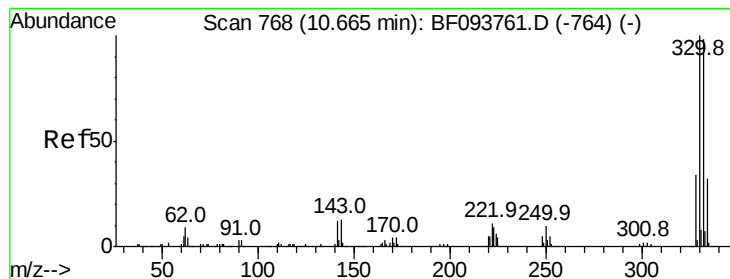


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF093769.D
 Acq: 20 Mar 2017 17:35

Tgt Ion:164 Resp: 380580

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.6	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 68.20 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

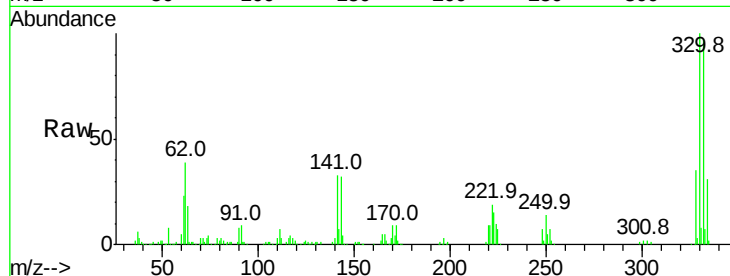
Tot Ion:330 Resp: 201031

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

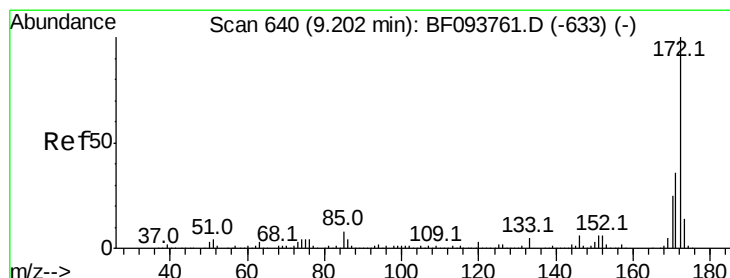
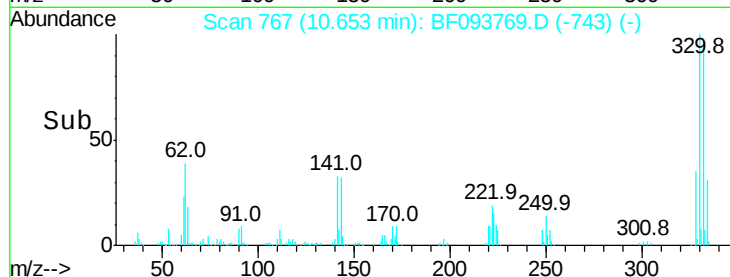
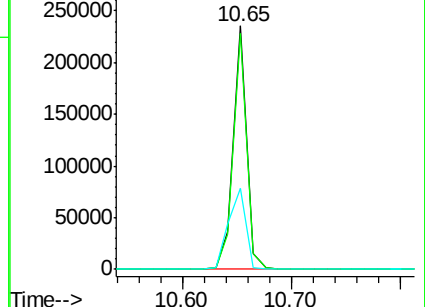
141 43.6 31.4 47.2



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: 96.46 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

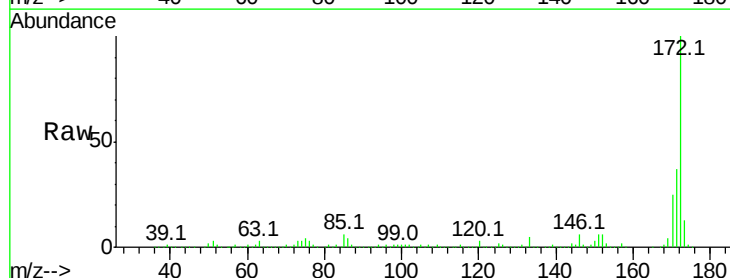
Tgt Ion:172 Resp: 2183143

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

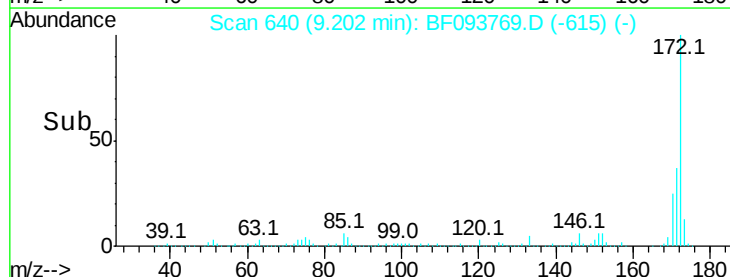
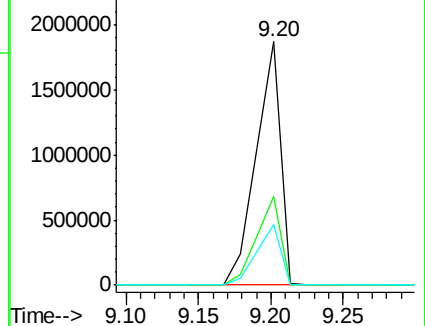
170 24.7 19.8 29.8

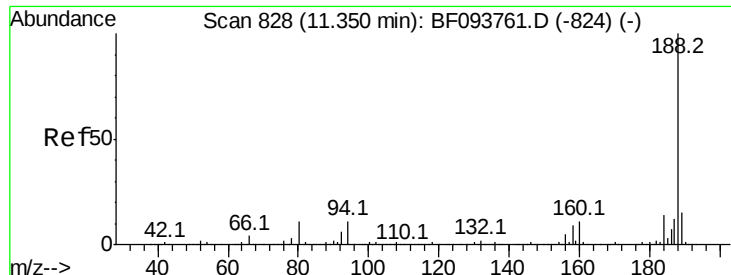


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

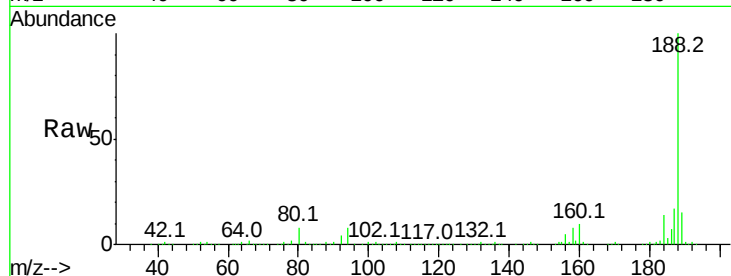




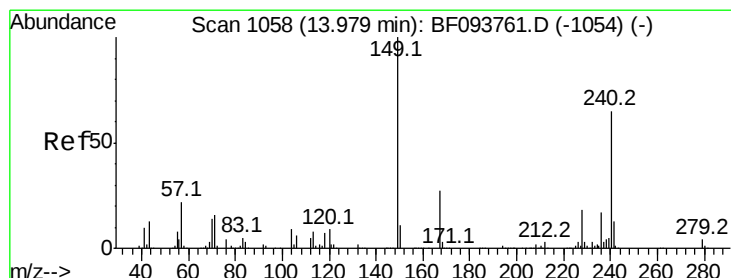
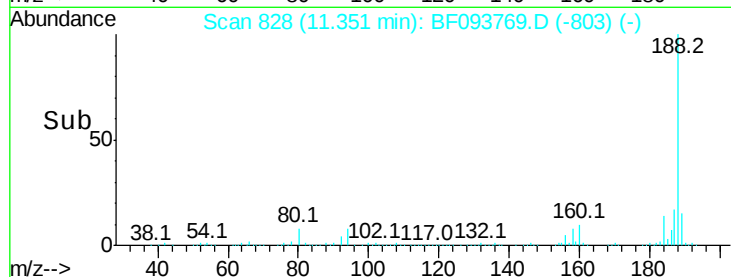
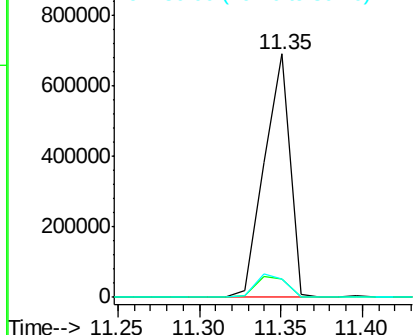
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093769.D
Acq: 20 Mar 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MW-105I

Tot Ion:188 Resp: 755498
Ion Ratio Lower Upper
188 100
94 7.5 9.4 14.2#
80 7.7 10.2 15.2#

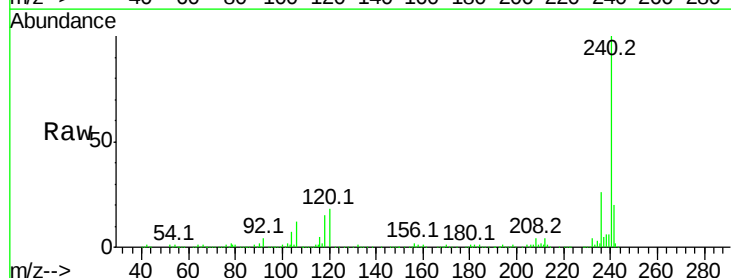


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

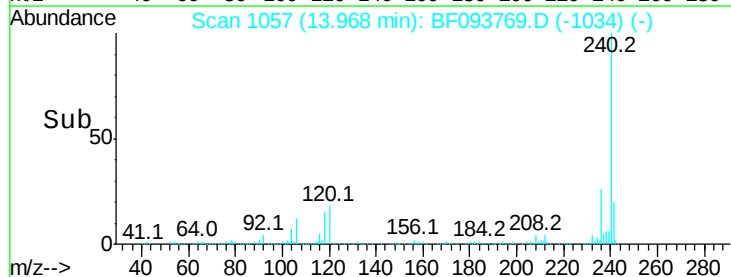
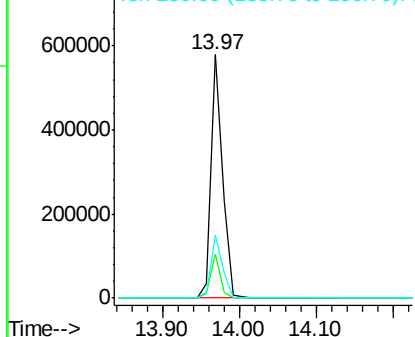


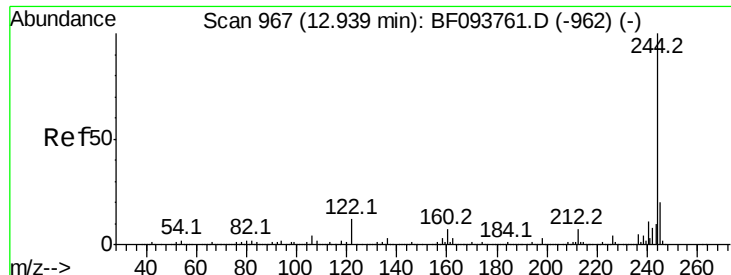
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF093769.D
Acq: 20 Mar 2017 17:35

Tgt Ion:240 Resp: 588942
Ion Ratio Lower Upper
240 100
120 18.0 5.8 8.8#
236 25.9 20.5 30.7



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: 65.52 ng

RT: 12.94 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

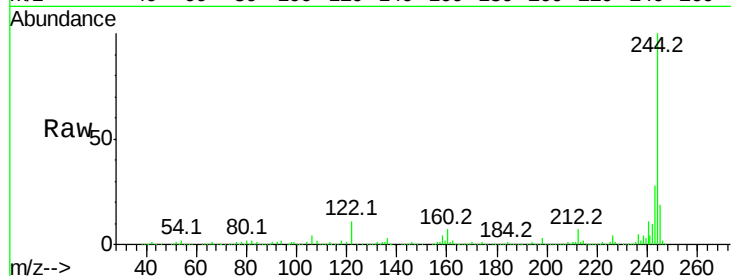
Tot Ion:244 Resp: 1892534

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

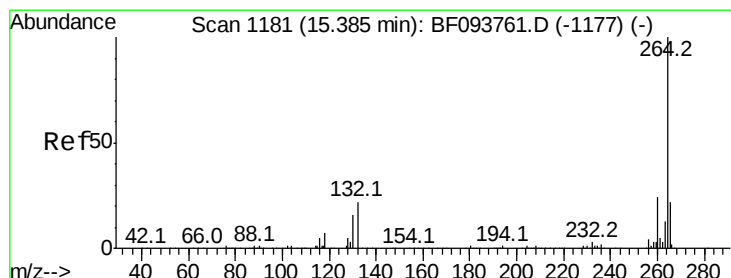
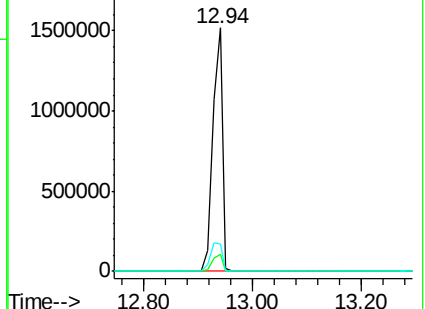
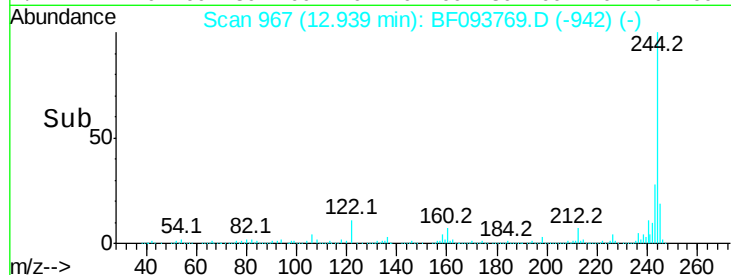
122 11.2 10.3 15.5



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: 15.37 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

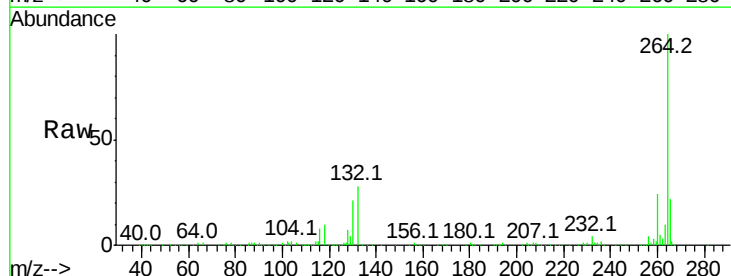
Tgt Ion:264 Resp: 492022

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.0 17.2 25.8



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

