

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093750.D
 Acq On : 18 Mar 2017 13:33
 Operator : SJ/MA
 Sample : I2263-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Quant Time: Mar 20 01:45:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	201057	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	754608	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	360897	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	684842	20.00	ng	0.00
75) Chrysene-d12	13.99	240	597259	20.00	ng	-0.01
86) Perylene-d12	15.41	264	447153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	776222	64.37	ng	0.00
7) Phenol-d6	6.47	99	700118	46.84	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1074187	85.44	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	385491	163.21	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2024846	105.87	ng	0.00
78) Terphenyl-d14	12.95	244	1595385	57.49	ng	0.00

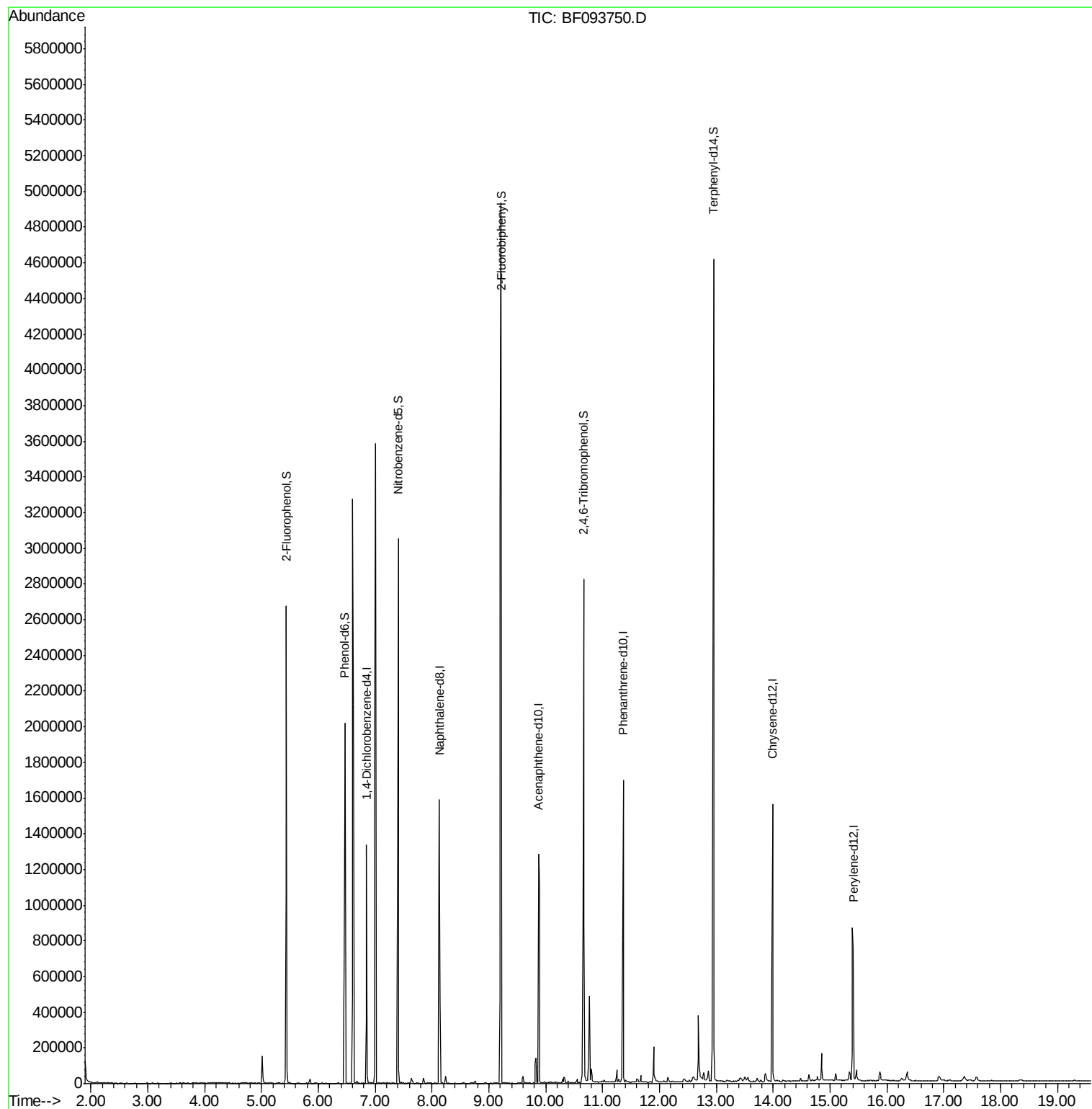
Target Compounds	Qvalue
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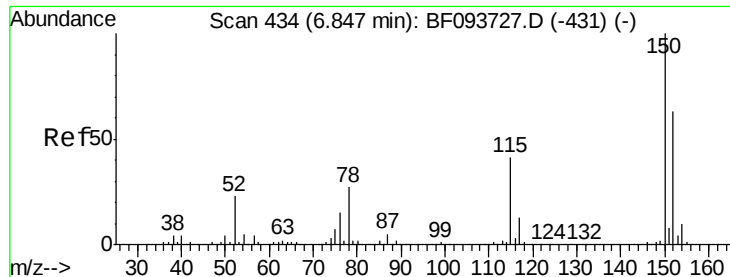
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Instrument :

BNA_F

ClientSampleId :

MW-102D

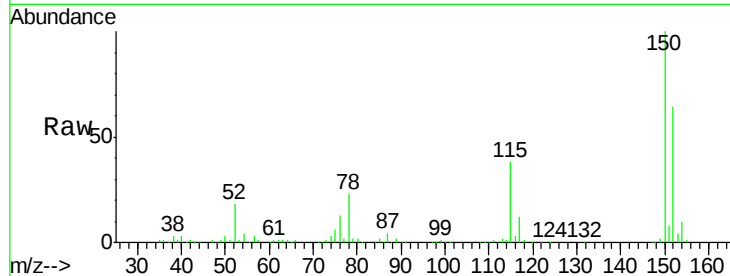
Tgt Ion:152 Resp: 201057

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

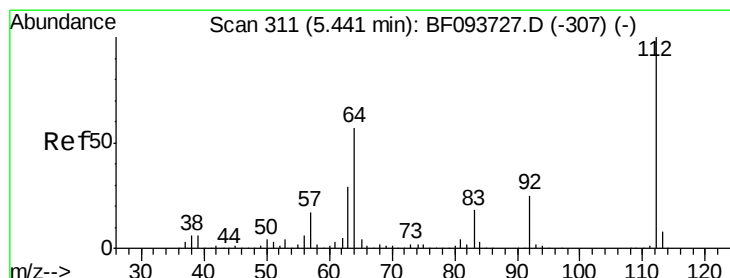
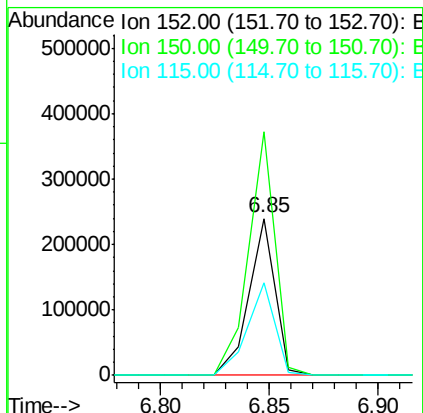
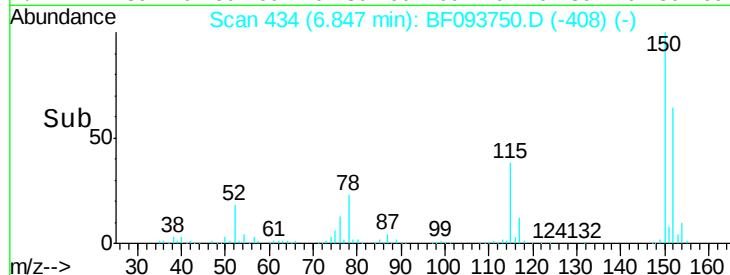
115 59.0 52.2 78.2



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: 64.37 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

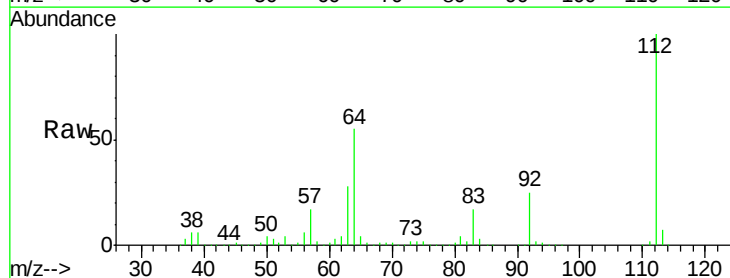
Tgt Ion:112 Resp: 776222

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

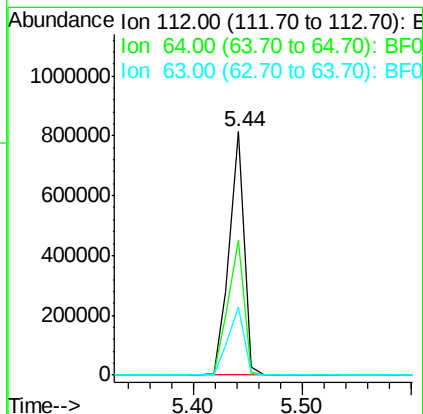
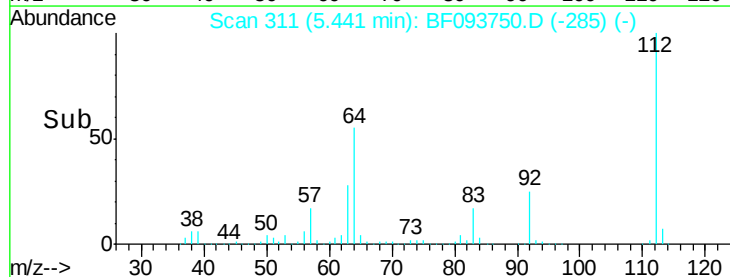
63 27.8 23.4 35.0

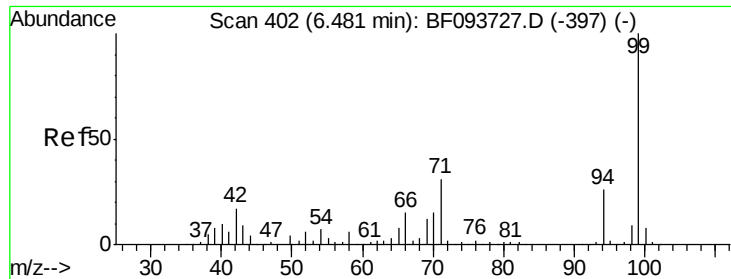


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.84 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Instrument :

BNA_F

ClientSampled :

MW-102D

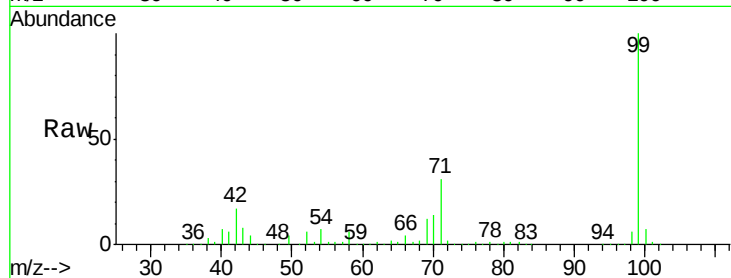
Tgt Ion: 99 Resp: 700118

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

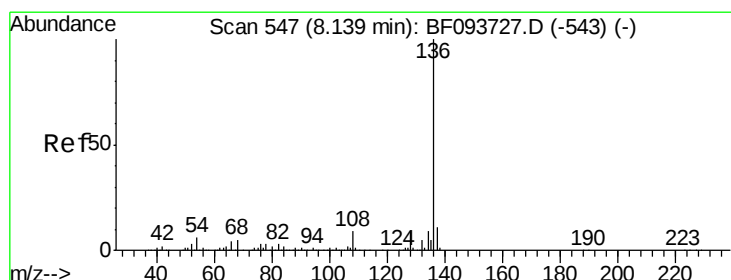
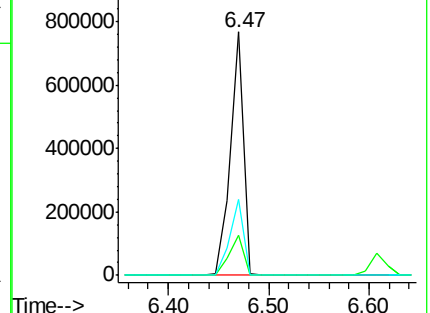
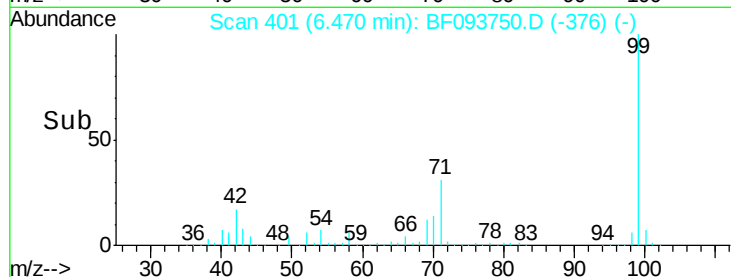
71 31.0 24.5 36.7



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: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Tgt Ion: 136 Resp: 754608

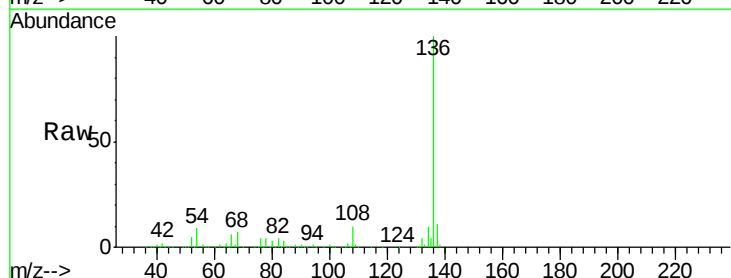
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.1 4.9 7.3#

68 7.3 4.1 6.1#

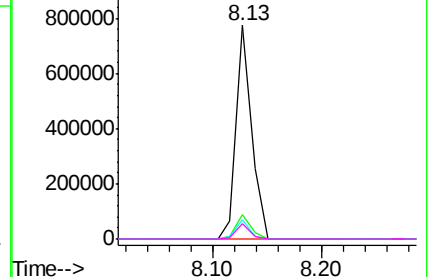
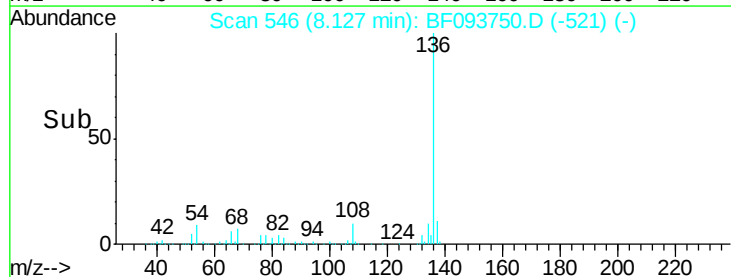


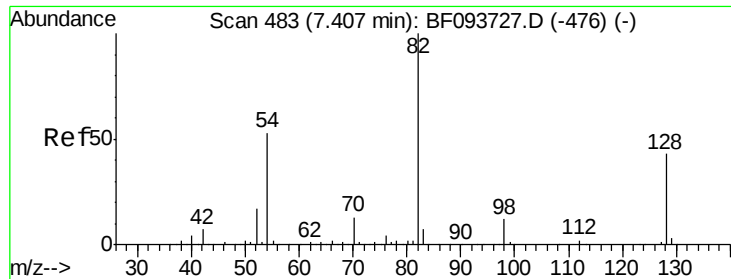
Abundance Ion 136.00 (135.70 to 136.70): E

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



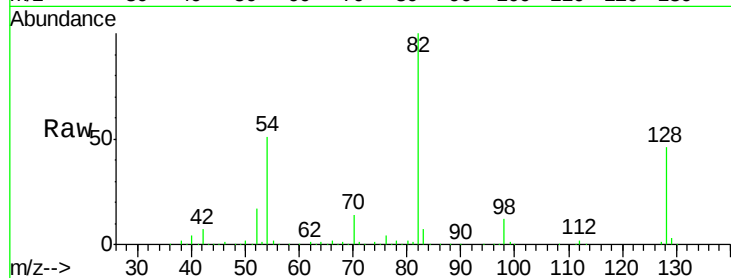


#23
 Nitrobenzene-d5
 Concen: 85.44 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

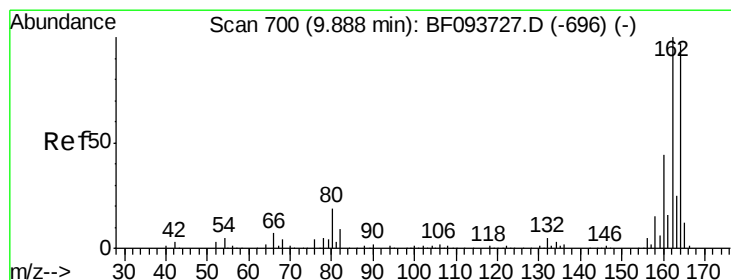
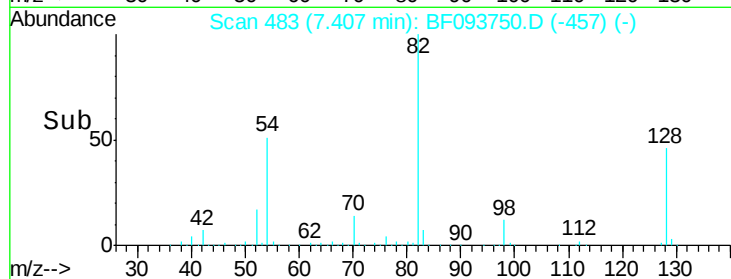
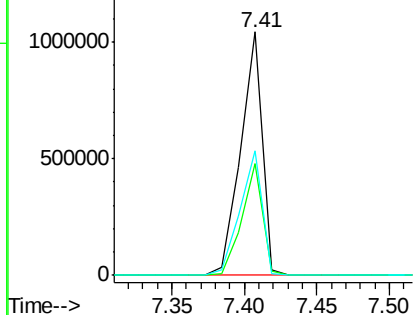
Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Tgt Ion: 82 Resp: 1074187

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	51.3	42.2	63.2



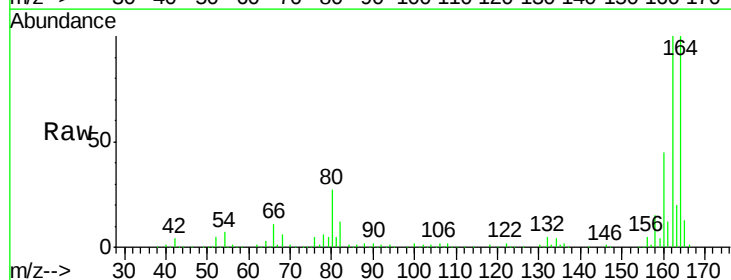
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



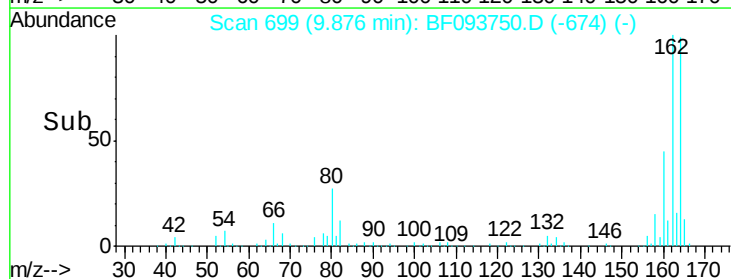
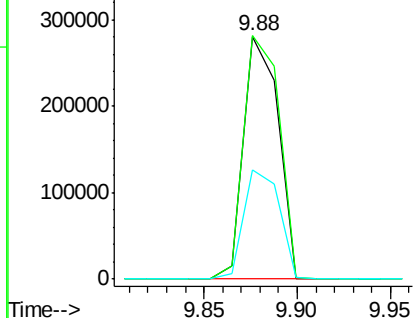
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

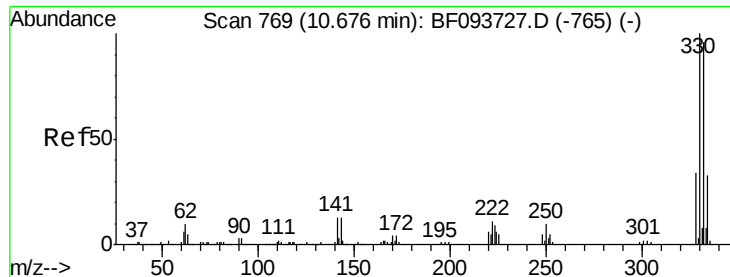
Tgt Ion: 164 Resp: 360897

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	44.8	36.2	54.2



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

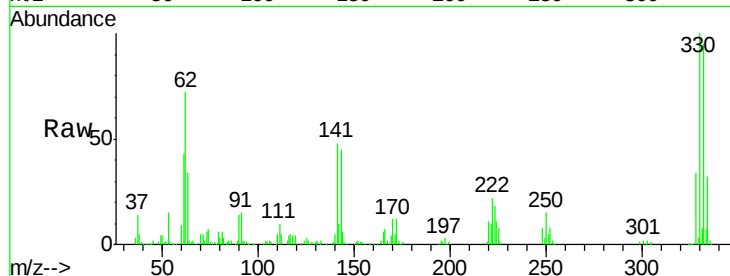




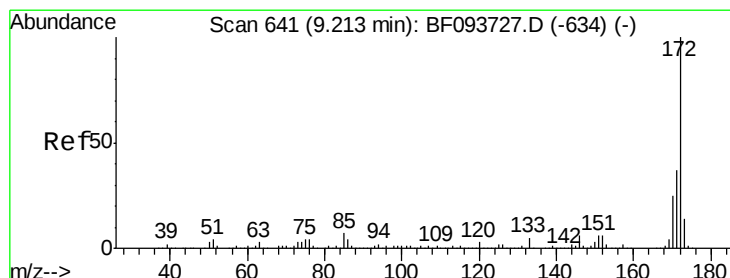
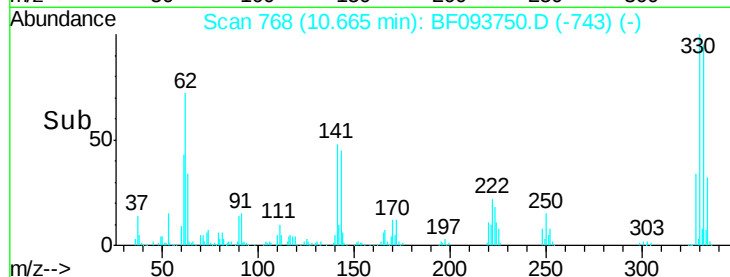
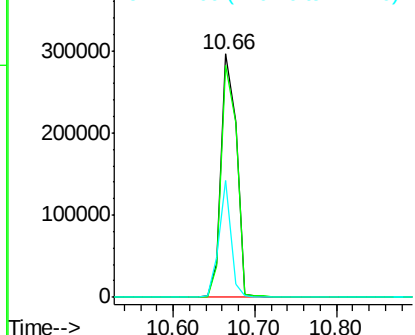
#41
 2,4,6-Tribromophenol
 Concen: 163.21 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Tgt Ion:330 Resp: 385491
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 38.1 31.4 47.2

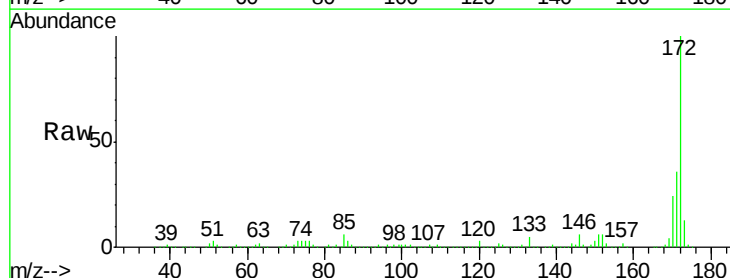


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

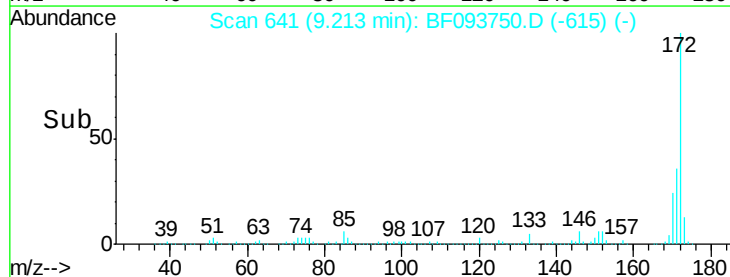
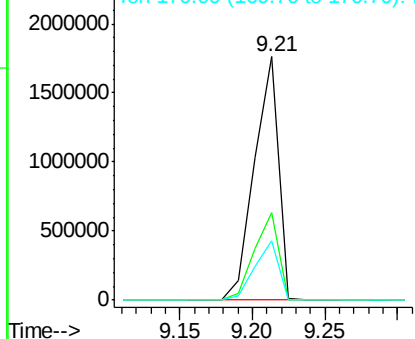


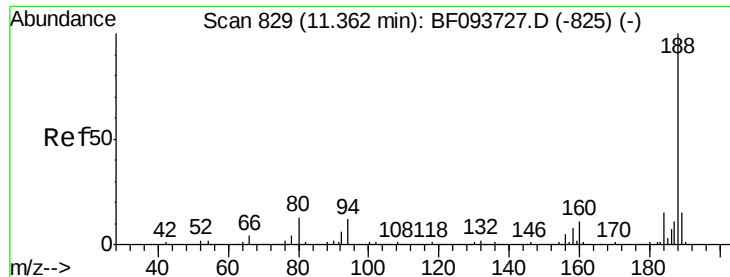
#44
 2-Fluorobiphenyl
 Concen: 105.87 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

Tgt Ion:172 Resp: 2024846
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.3 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

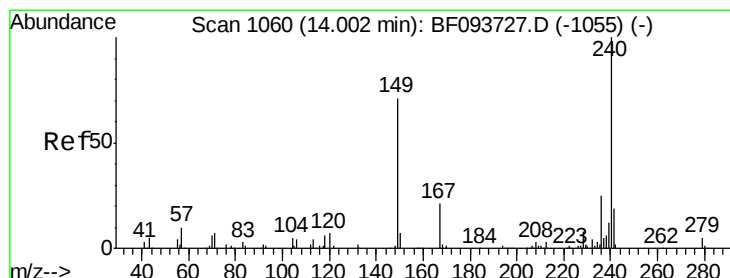
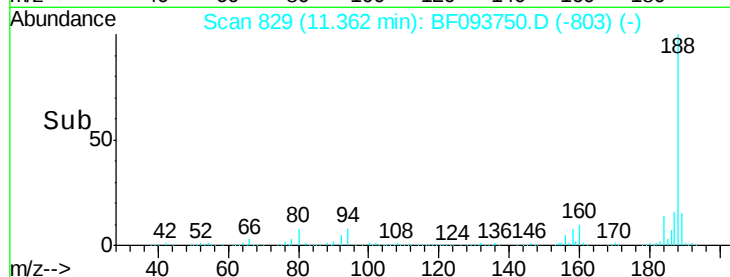
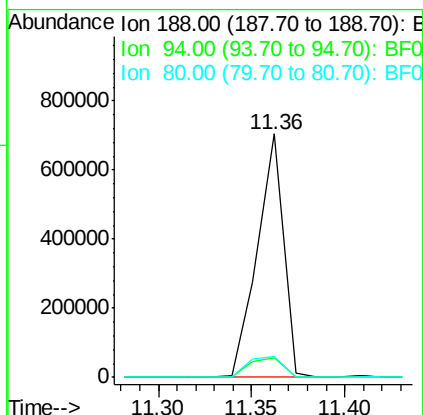
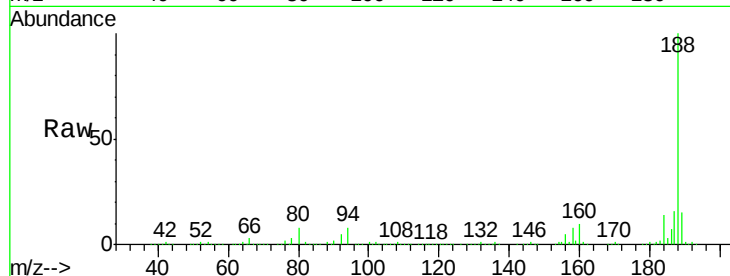




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093750.D
Acq: 18 Mar 2017 13:33

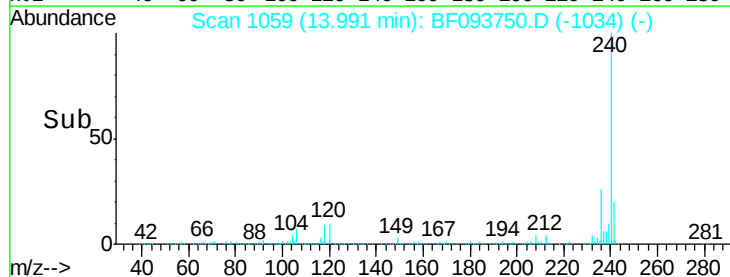
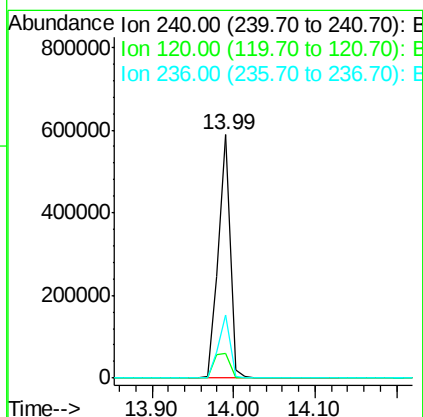
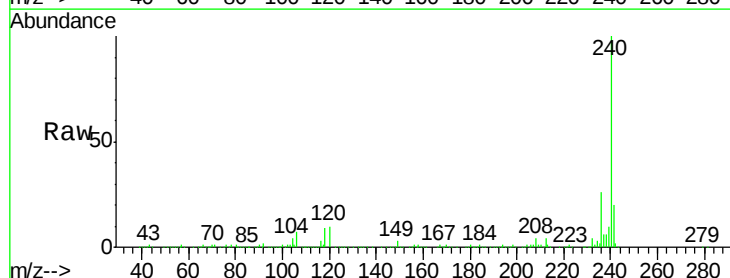
Instrument :
BNA_F
ClientSampleId :
MW-102D

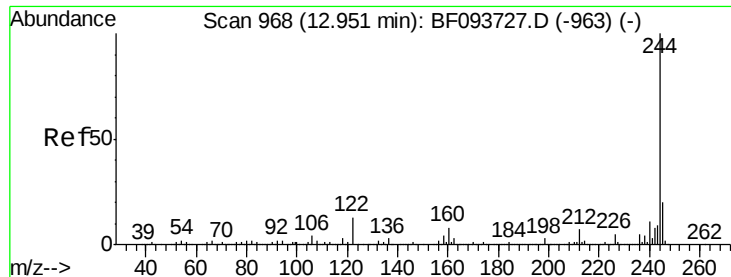
Tgt Ion:188 Resp: 684842
Ion Ratio Lower Upper
188 100
94 8.2 9.4 14.2#
80 8.5 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093750.D
Acq: 18 Mar 2017 13:33

Tgt Ion:240 Resp: 597259
Ion Ratio Lower Upper
240 100
120 10.3 5.8 8.8#
236 26.2 20.5 30.7

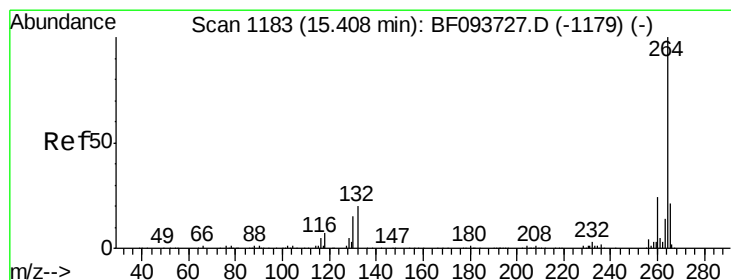
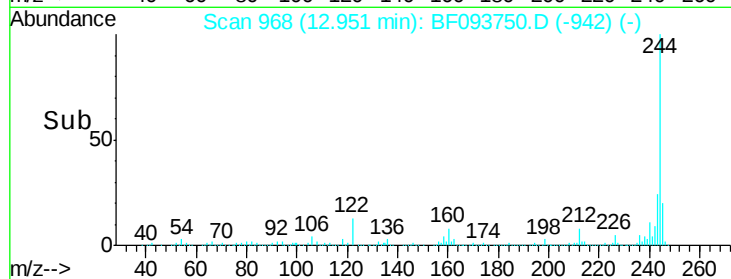
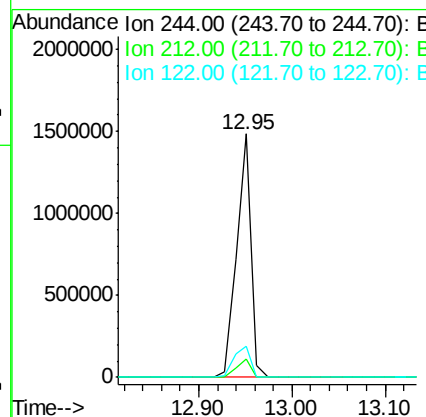
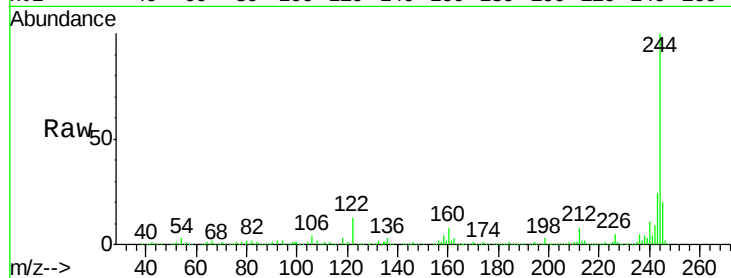




#78
 Terphenyl-d14
 Concen: 57.49 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Tgt Ion:244 Resp: 1595385
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

Tgt Ion:264 Resp: 447153
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.0 17.2 25.8

