

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093338.D
 Acq On : 2 Mar 2017 23:18
 Operator : SJ/MA
 Sample : I2054-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

Quant Time: Mar 03 01:23:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

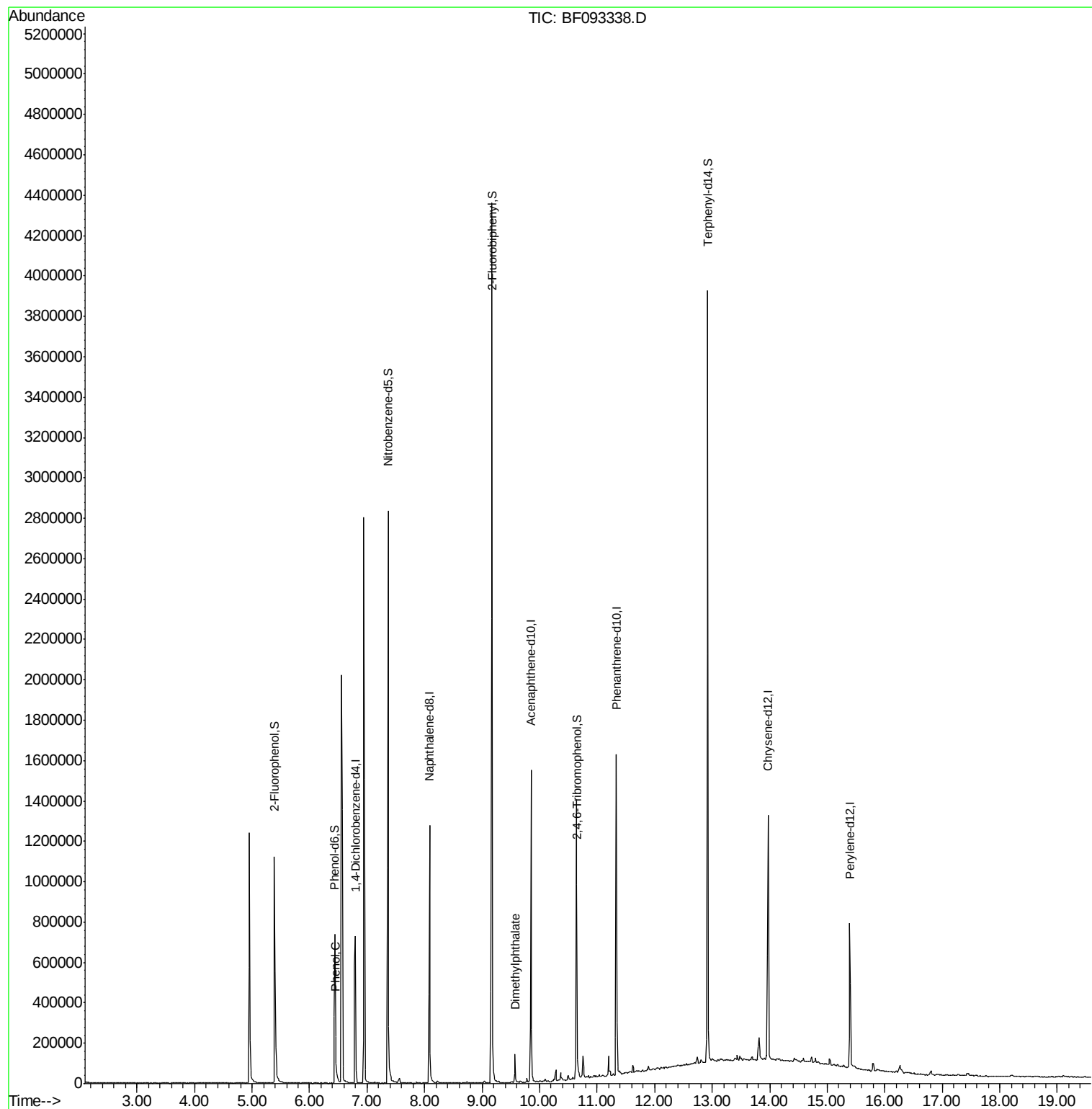
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153719	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	648206	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	312101	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	563423	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	476539	20.00	ng	-0.01
86) Perylene-d12	15.39	264	309056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	392888	43.85	ng	0.00
7) Phenol-d6	6.44	99	342467	29.71	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1032373	88.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	203381	90.10	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1698281	98.58	ng	0.00
78) Terphenyl-d14	12.92	244	1351888	66.66	ng	0.00
Target Compounds						
10) Phenol	6.45	94	28769	2.13	ng	80
49) Dimethylphthalate	9.57	163	66058	3.14	ng	98

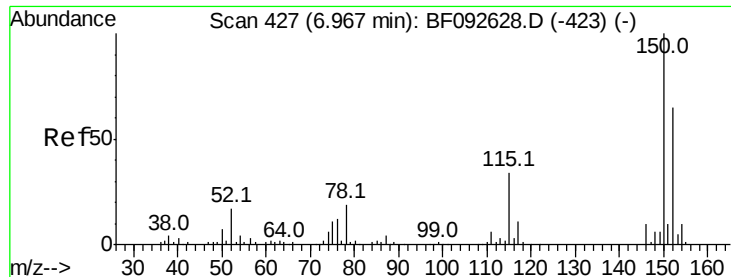
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

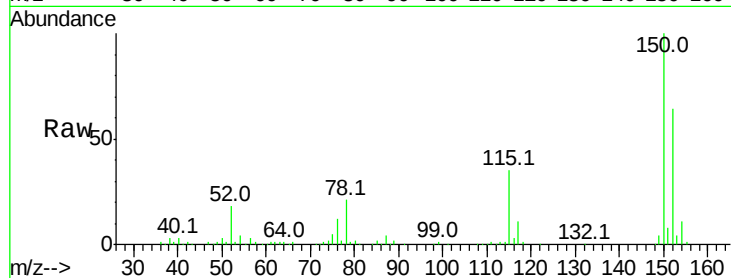
Tot Ion:152 Resp: 153719

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

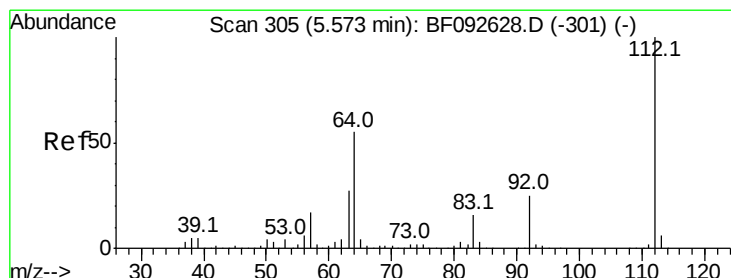
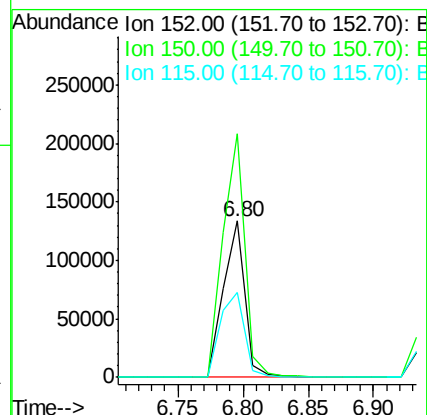
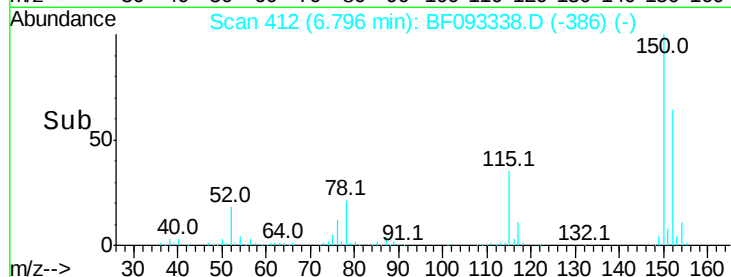
115 54.8 46.0 69.0



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: 43.85 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

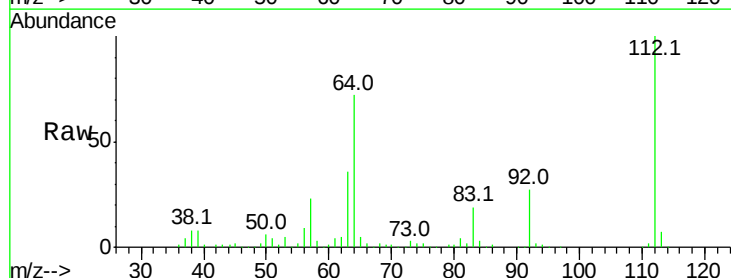
Tgt Ion:112 Resp: 392888

Ion Ratio Lower Upper

112 100

64 72.0 46.1 69.1#

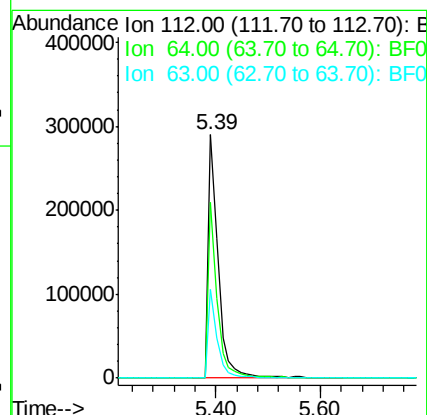
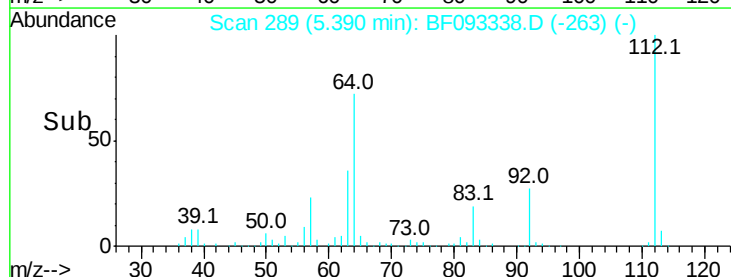
63 36.2 23.8 35.6#



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: 29.71 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

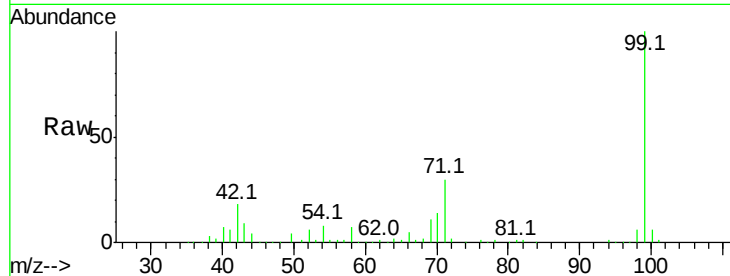
Tot Ion: 99 Resp: 342467

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

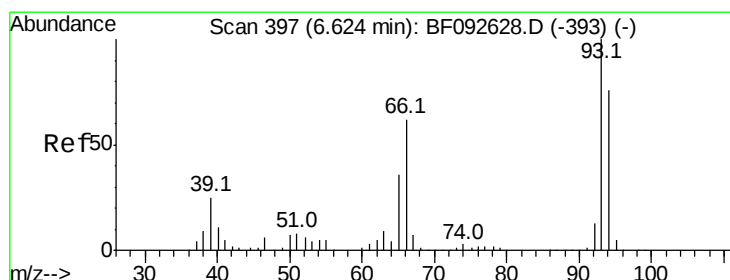
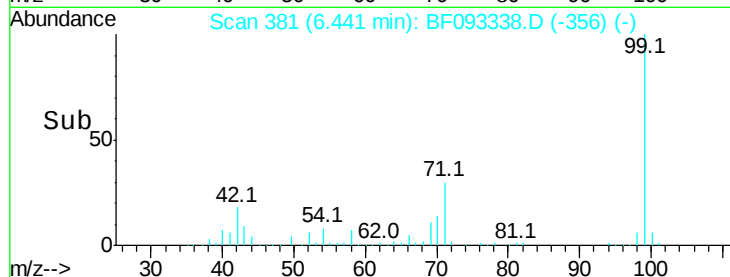
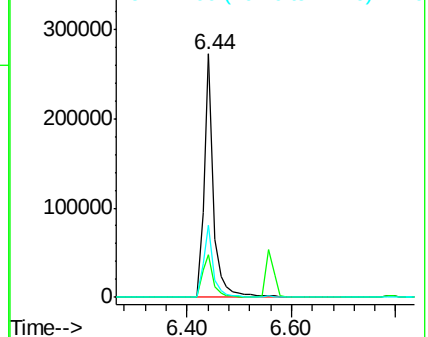
71 29.7 27.5 41.3



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



#10

Phenol

Concen: 2.13 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

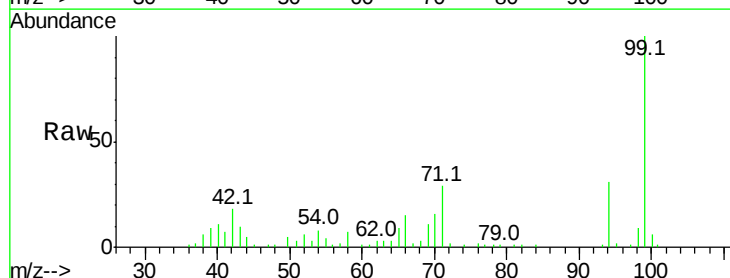
Tgt Ion: 94 Resp: 28769

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

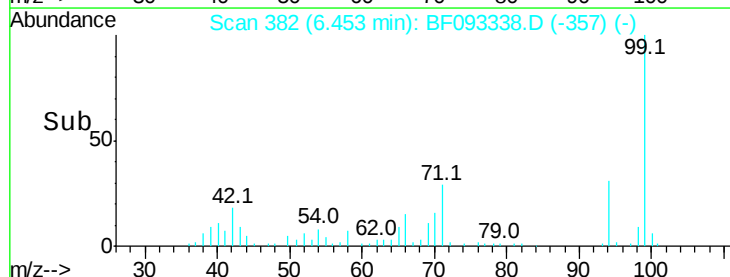
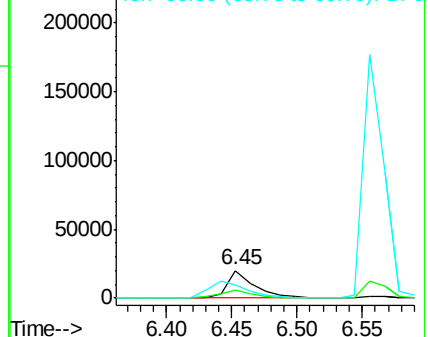
66 47.9 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

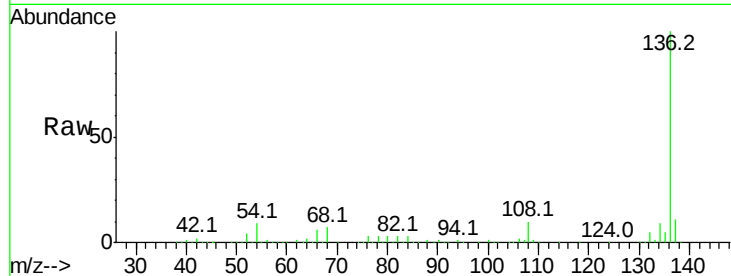




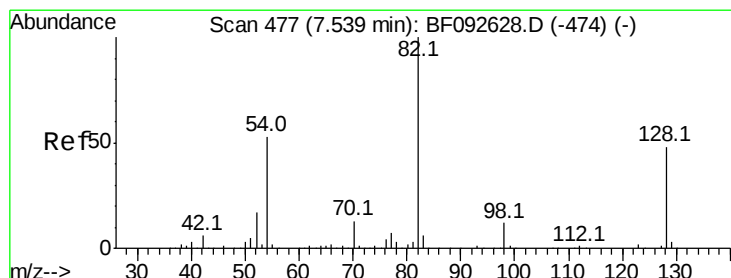
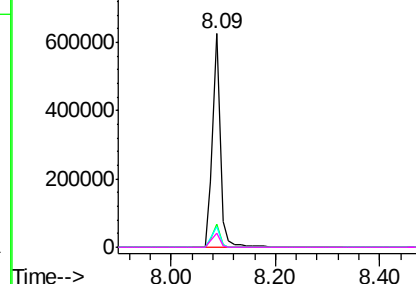
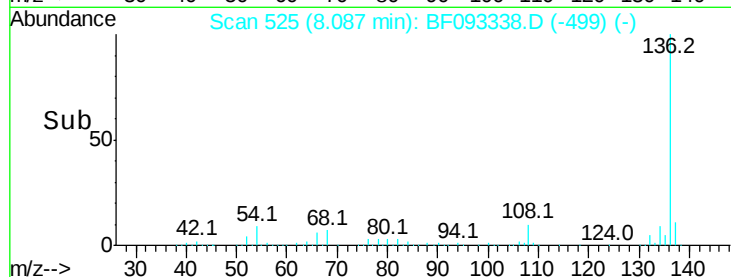
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Instrument :
BNA_F
ClientSampled :
MW-3R

Tot Ion:	136	Resp:	648206
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.6	3.6	5.4#

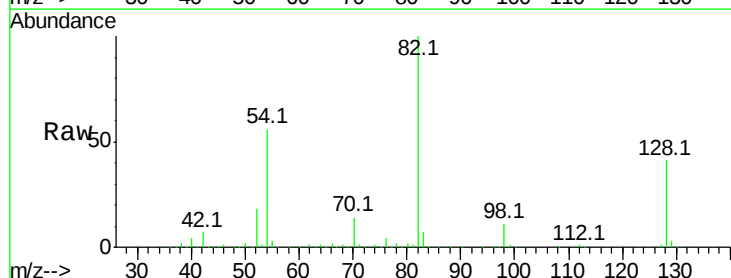


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

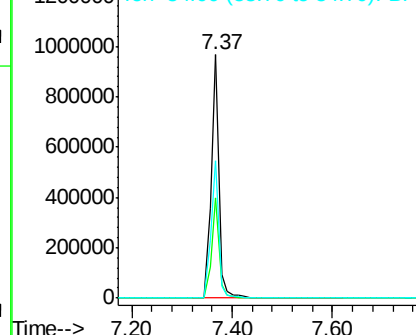
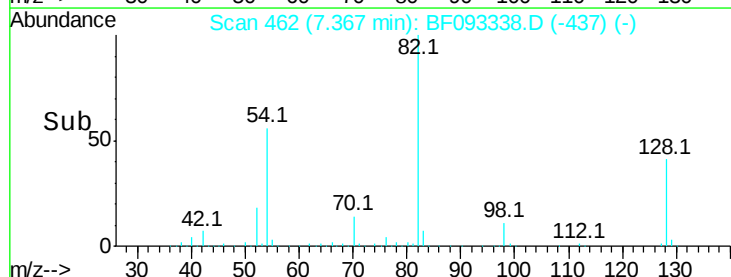


#23
Nitrobenzene-d5
Concen: 88.69 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion:	82	Resp:	1032373
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	56.3	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

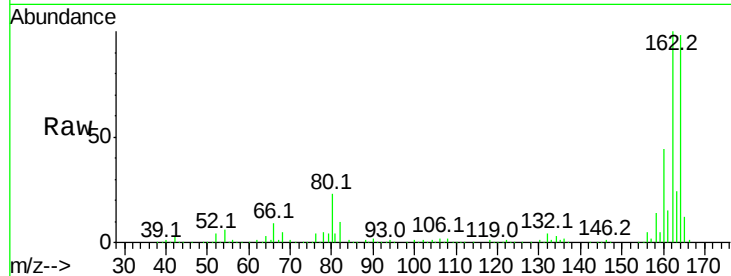




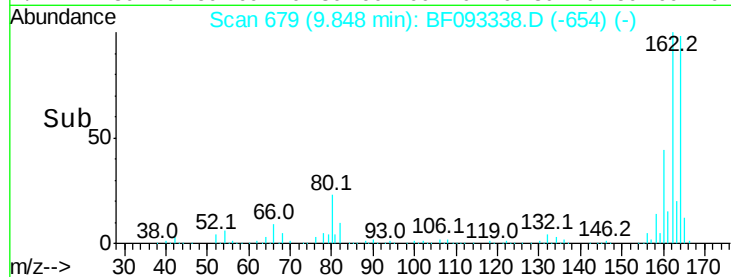
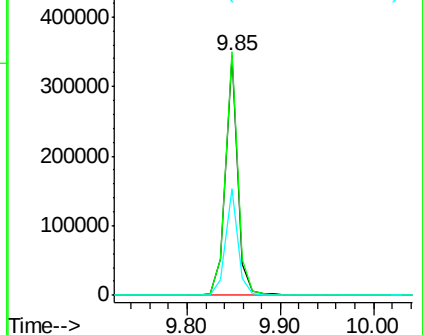
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Instrument :
BNA_F
ClientSampleId :
MW-3R

Tot Ion:164 Resp: 312101
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 44.6 36.9 55.3

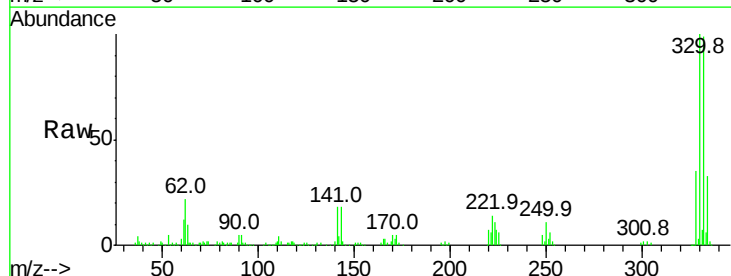


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

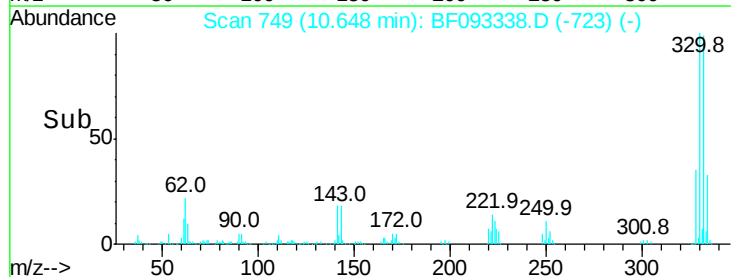
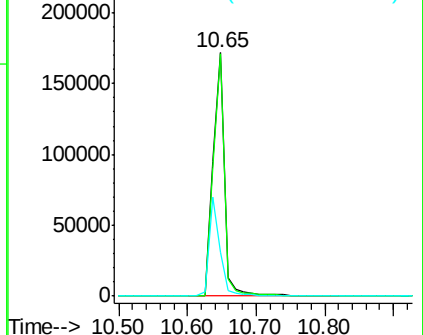


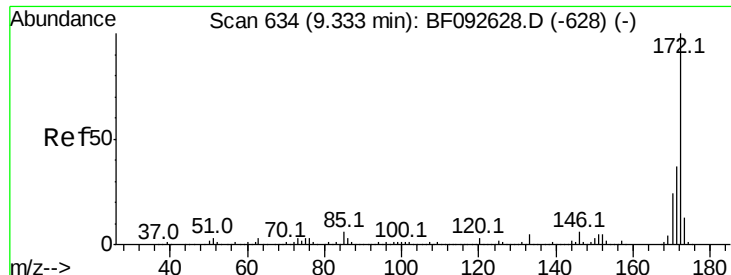
#41
2,4,6-Tribromophenol
Concen: 90.10 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion:330 Resp: 203381
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 37.9 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



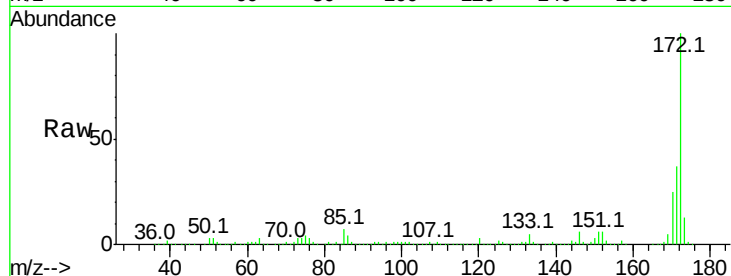


#44
 2-Fluorobiphenyl
 Concen: 98.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

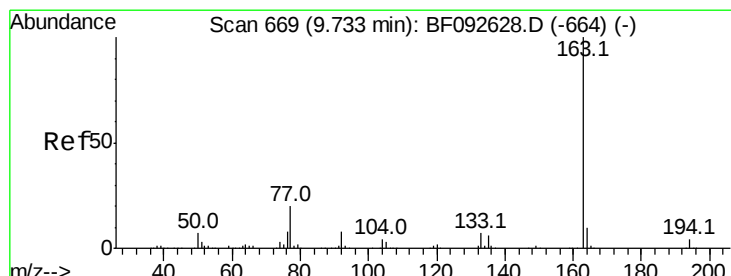
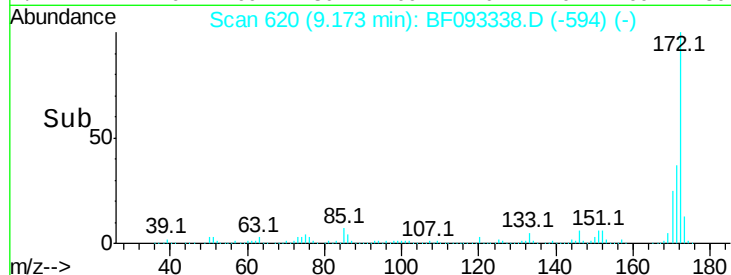
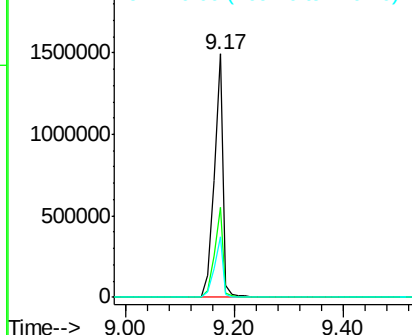
Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

Tot Ion:172 Resp: 1698281

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.8	20.2	30.4



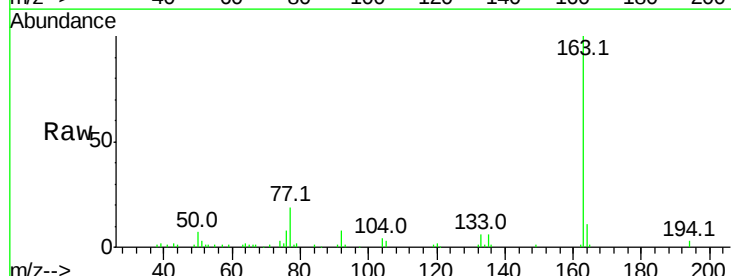
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



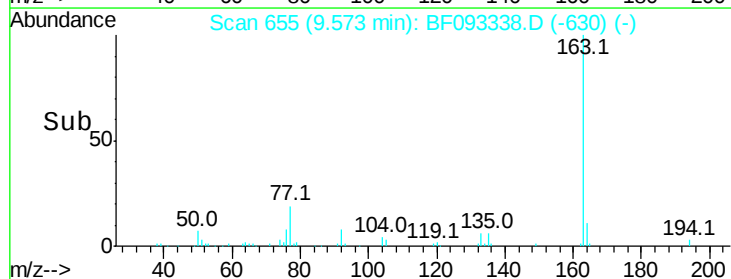
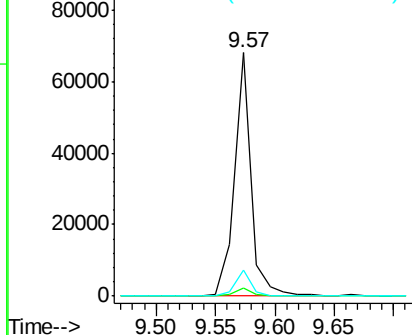
#49
 Dimethylphthalate
 Concen: 3.14 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

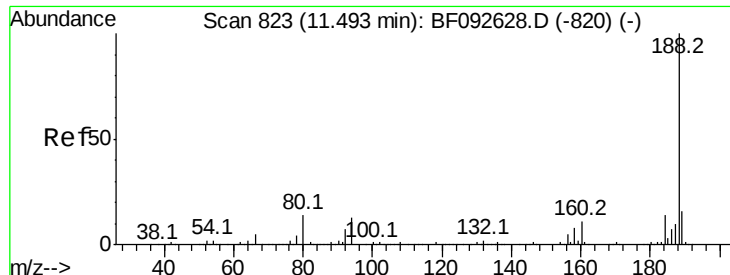
Tgt Ion:163 Resp: 66058

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.8	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

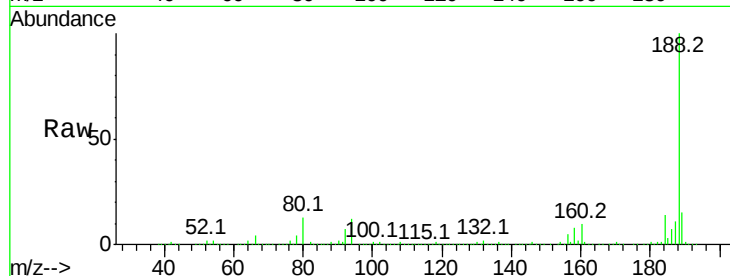




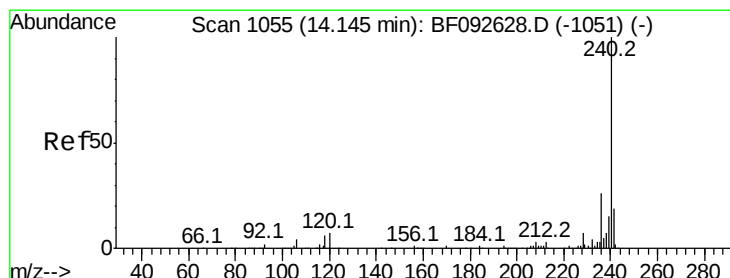
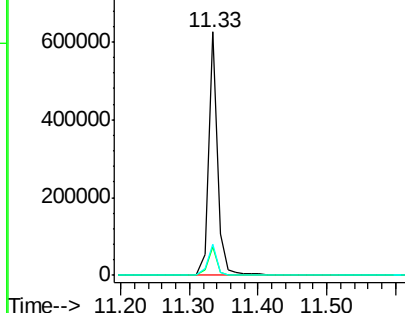
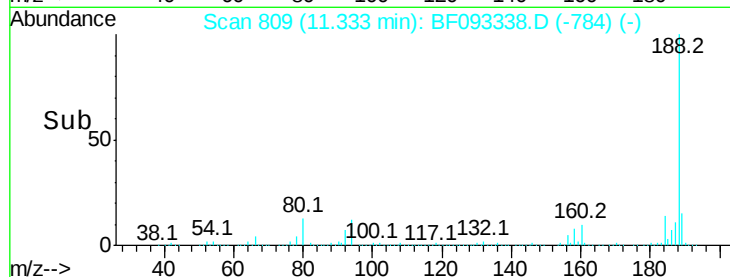
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Instrument :
BNA_F
ClientSampleId :
MW-3R

Tot Ion:188 Resp: 563423
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 12.7 11.2 16.8

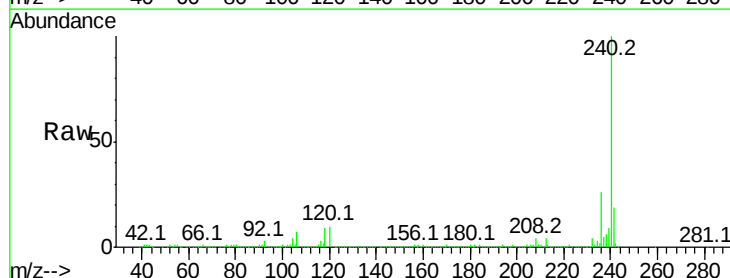


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

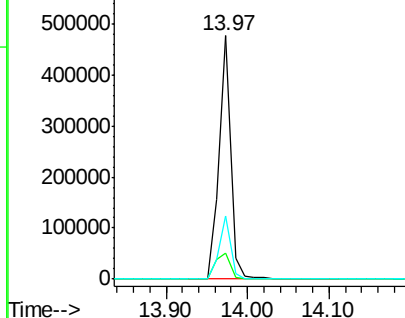
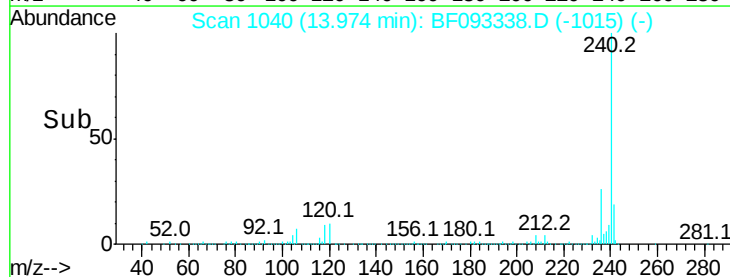


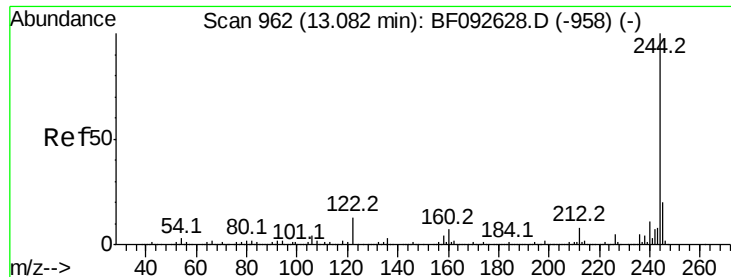
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion:240 Resp: 476539
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 25.8 20.9 31.3



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: 66.66 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

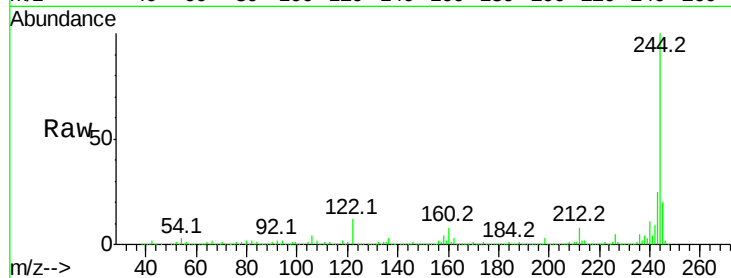
Tot Ion:244 Resp: 1351888

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

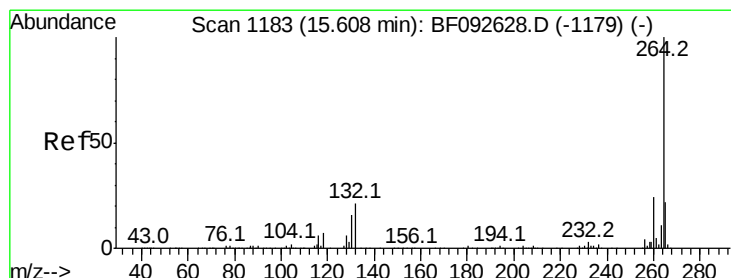
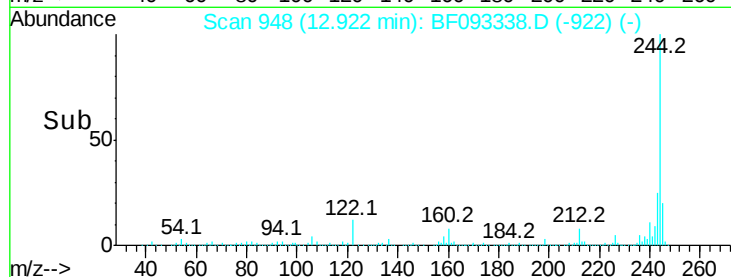
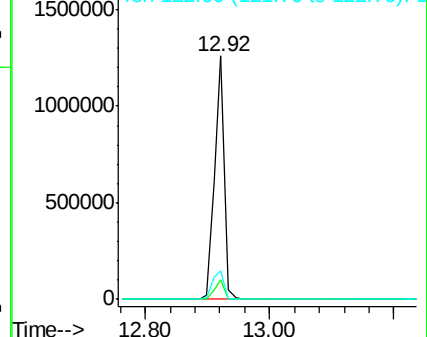
122 12.0 11.4 17.2



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: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

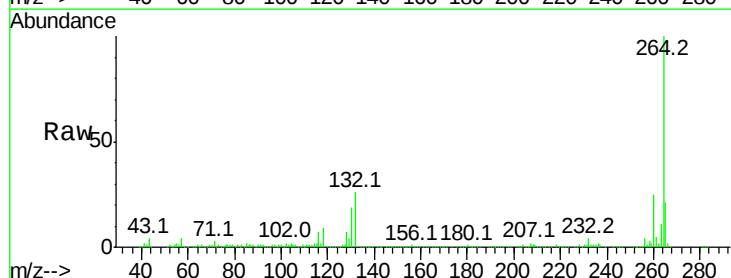
Tgt Ion:264 Resp: 309056

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.3 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

