

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091453.D
 Acq On : 6 Dec 2016 12:28
 Operator : UM/SJ
 Sample : H5802-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Dec 07 00:20:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	127941	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	500269	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	287639	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	411348	20.00	ng	0.00
75) Chrysene-d12	13.99	240	290537	20.00	ng	0.00
86) Perylene-d12	15.41	264	253987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	554517	70.80	ng	0.00
7) Phenol-d6	6.47	99	508900	52.79	ng	0.00
23) Nitrobenzene-d5	7.41	82	936536	104.91	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	344085	126.36	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1471204	92.61	ng	0.00
78) Terphenyl-d14	12.95	244	1510843	113.03	ng	0.01

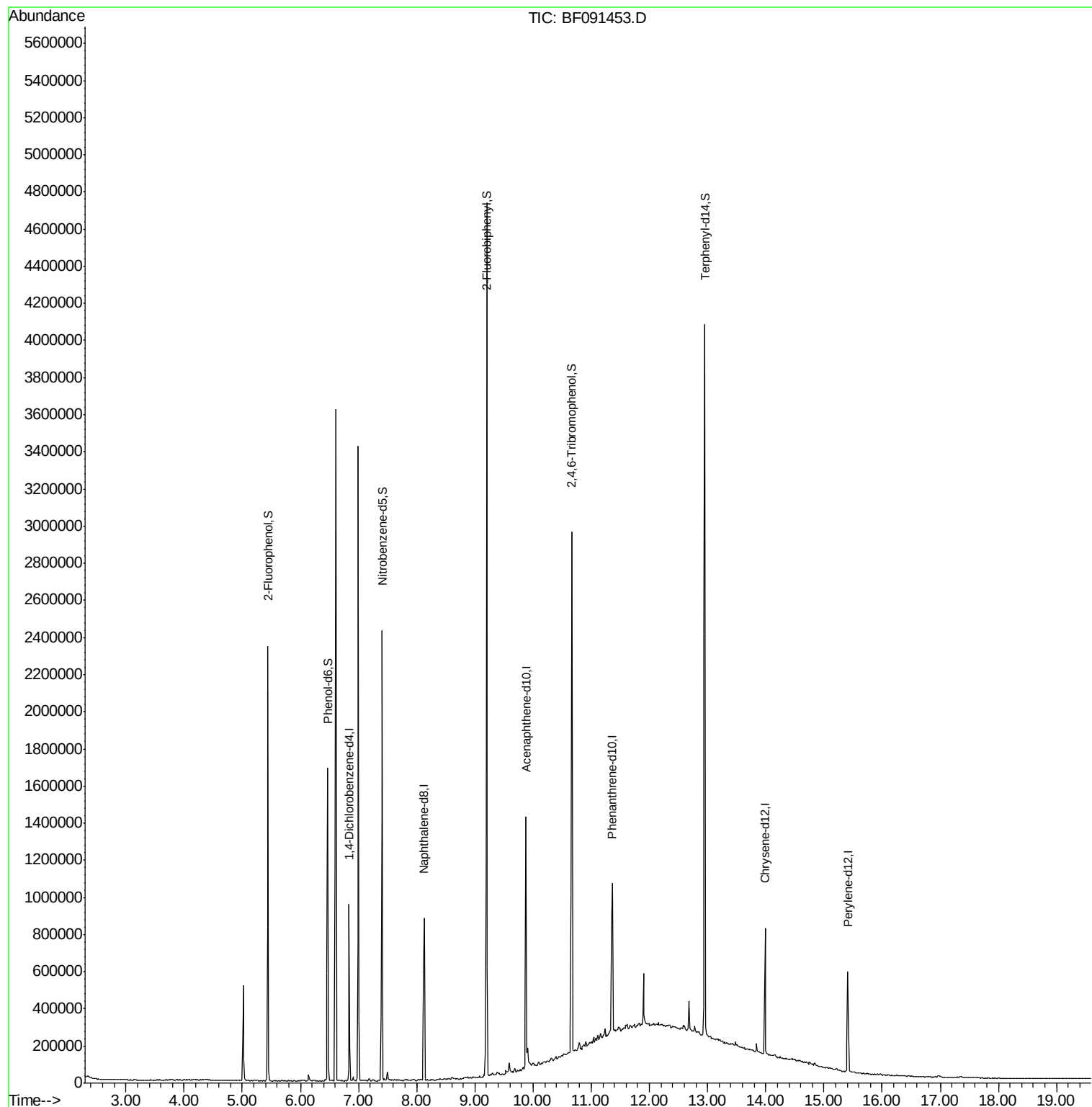
Target Compounds	Qvalue
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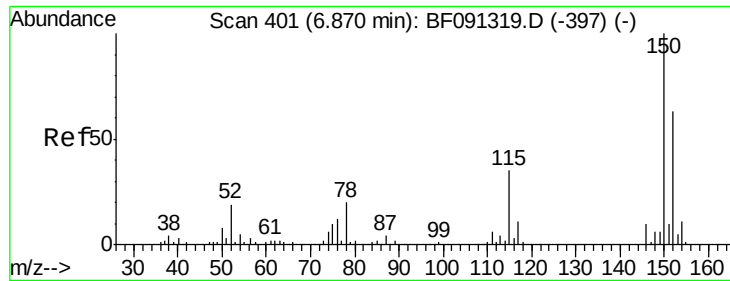
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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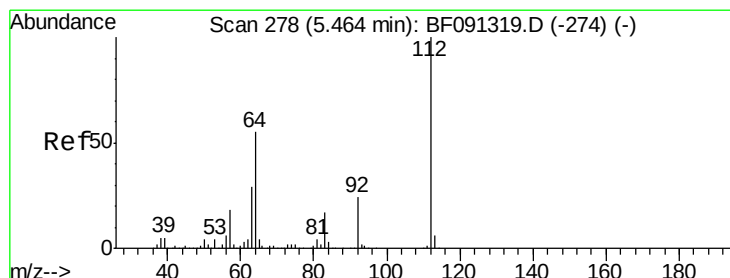
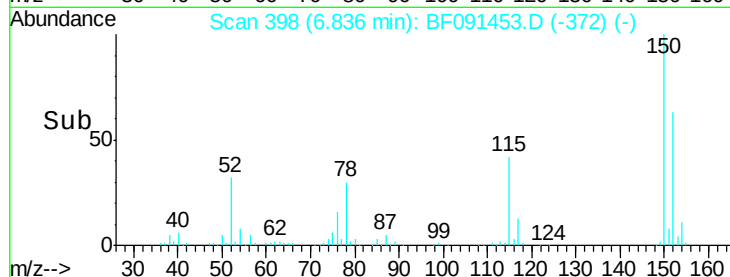
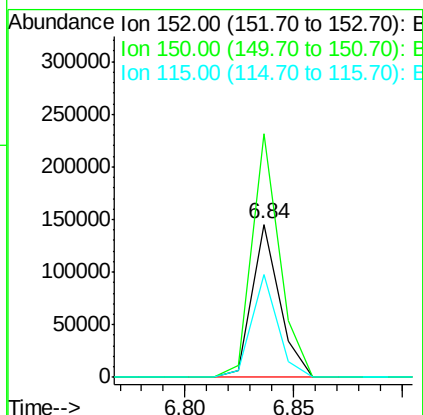
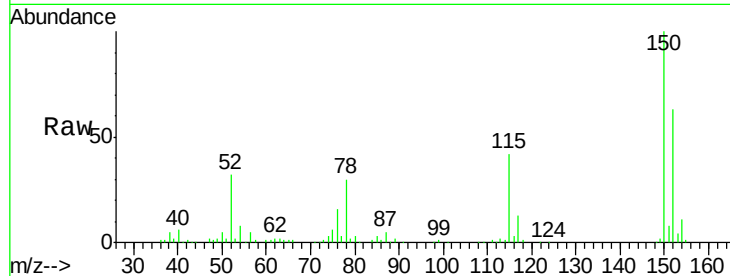




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BF091453.D
 Acq: 6 Dec 2016 12:28

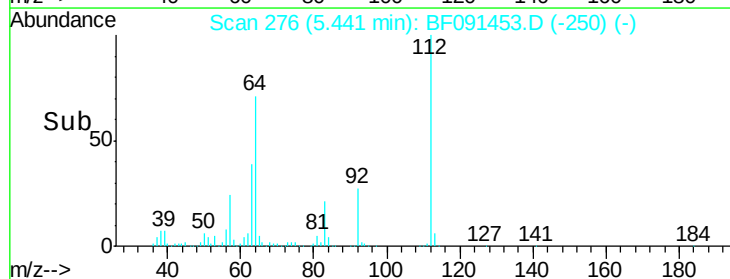
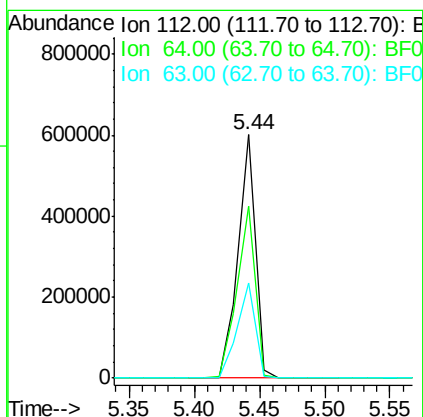
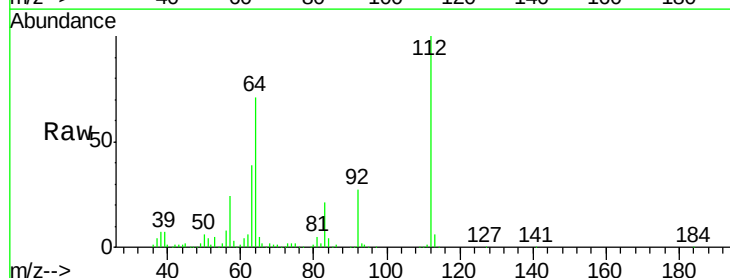
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

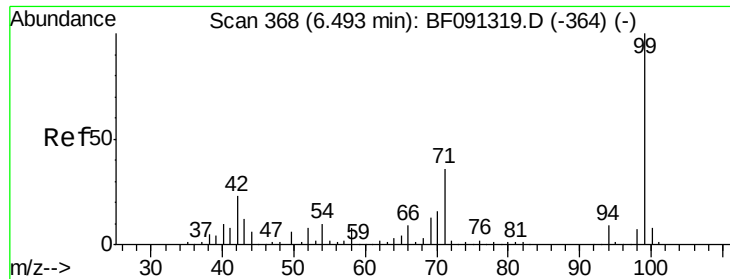
Tgt Ion:152 Resp: 127941
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.5 183.7
 115 66.9 51.8 77.8



#5
 2-Fluorophenol
 Concen: 70.80 ng
 RT: 5.44 min Scan# 276
 Delta R.T. 0.00 min
 Lab File: BF091453.D
 Acq: 6 Dec 2016 12:28

Tgt Ion:112 Resp: 554517
 Ion Ratio Lower Upper
 112 100
 64 70.5 61.5 92.3
 63 38.8 33.3 49.9





#7

Phenol-d6

Concen: 52.79 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

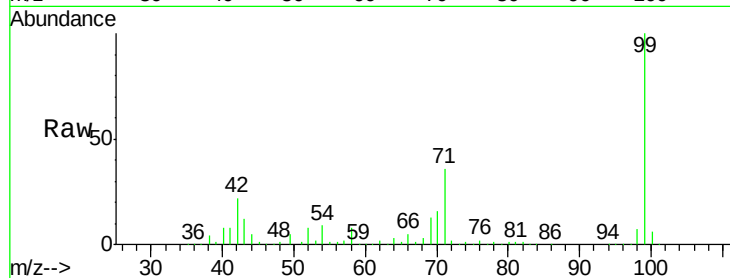
Tgt Ion: 99 Resp: 508900

Ion Ratio Lower Upper

99 100

42 22.3 20.6 31.0

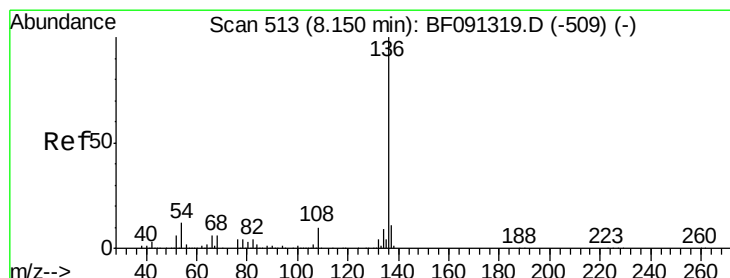
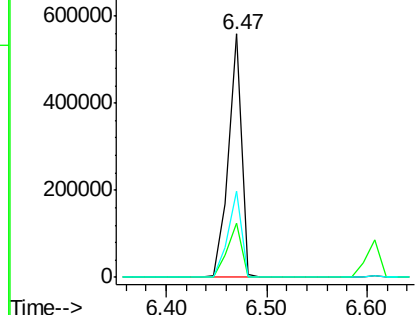
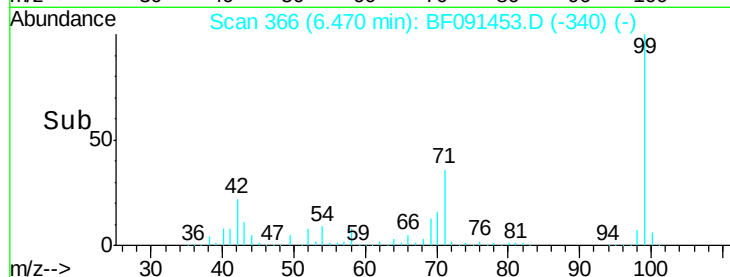
71 35.6 29.9 44.9



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# 511

Delta R.T. 0.00 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Tgt Ion: 136 Resp: 500269

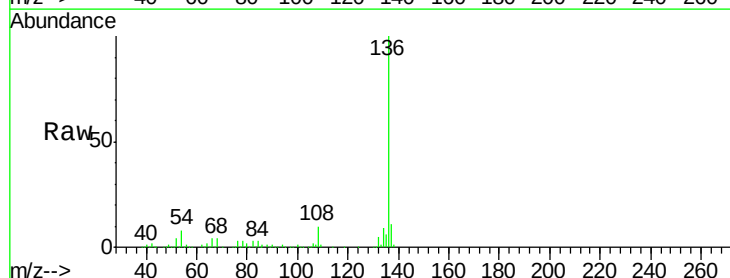
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.3 9.1 13.7#

68 3.8 5.9 8.9#

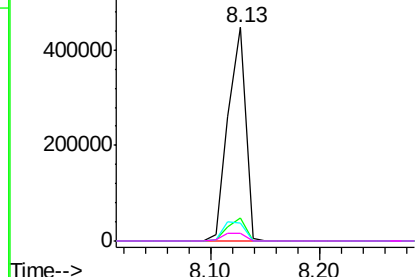
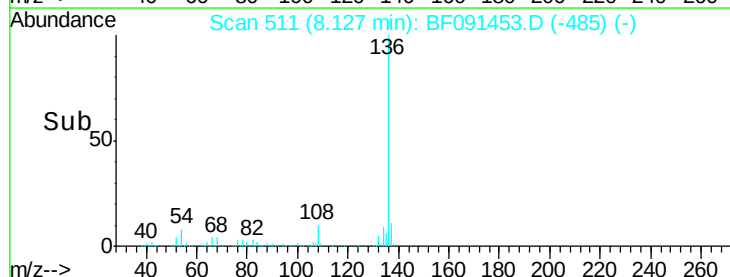


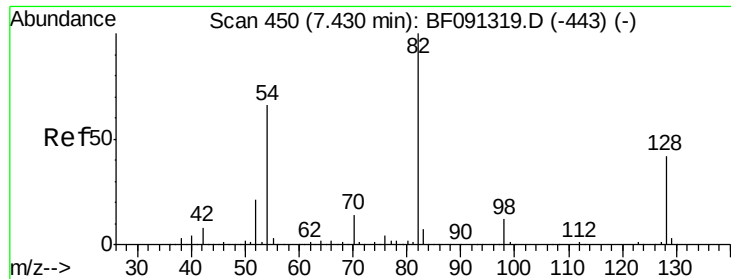
Abundance Ion 136.00 (135.70 to 136.70): E

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

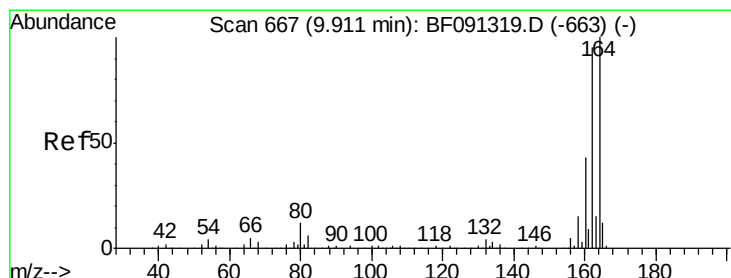
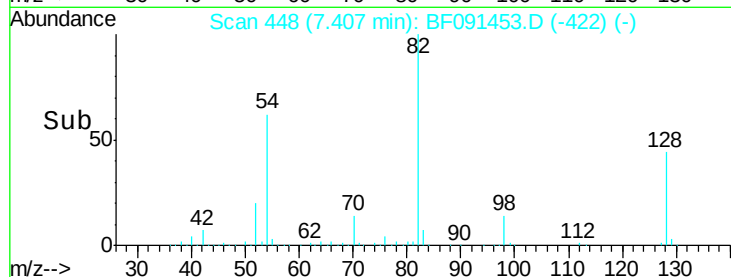
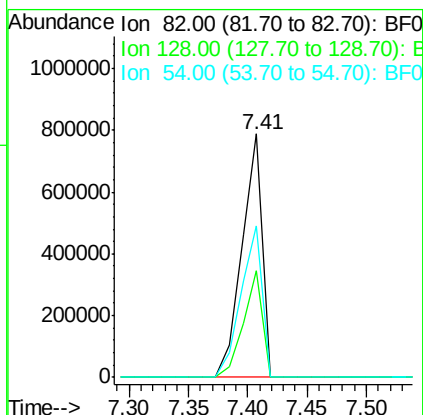
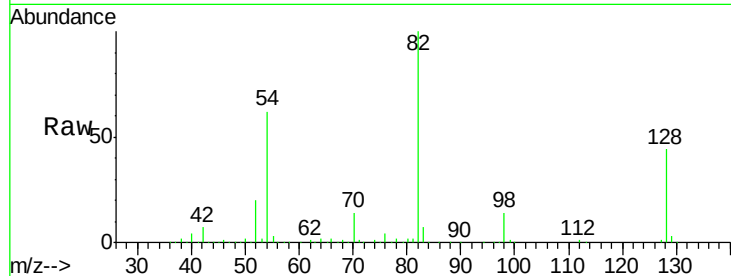




#23
 Nitrobenzene-d5
 Concen: 104.91 ng
 RT: 7.41 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF091453.D
 Acq: 6 Dec 2016 12:28

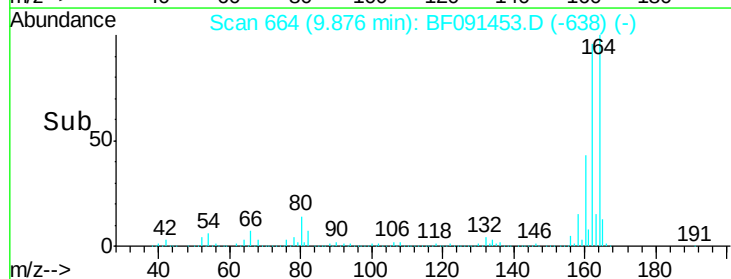
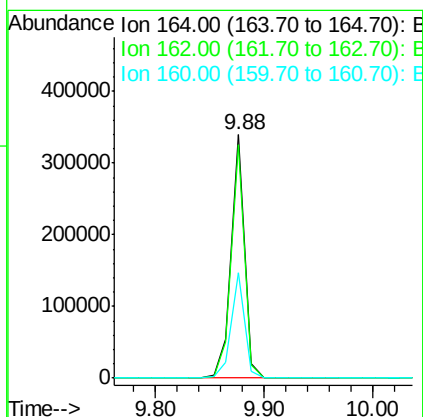
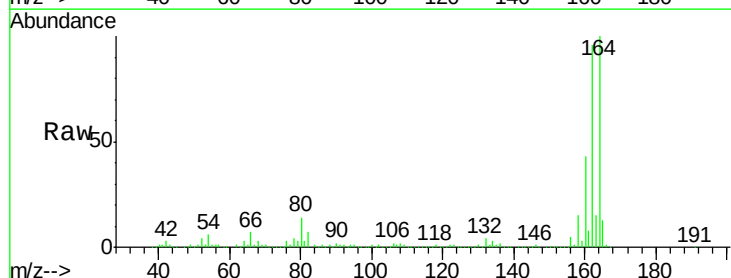
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

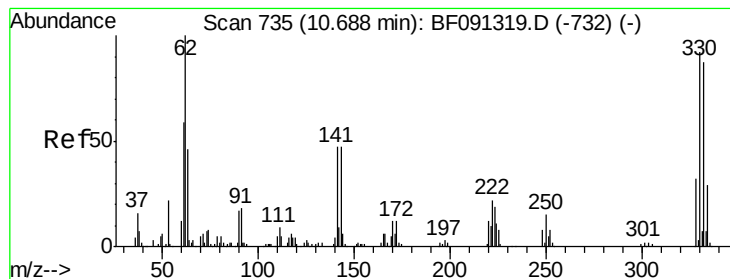
Tgt Ion: 82 Resp: 936536
 Ion Ratio Lower Upper
 82 100
 128 44.0 31.8 47.6
 54 62.2 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF091453.D
 Acq: 6 Dec 2016 12:28

Tgt Ion: 164 Resp: 287639
 Ion Ratio Lower Upper
 164 100
 162 95.9 82.6 124.0
 160 43.2 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 126.36 ng

RT: 10.66 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

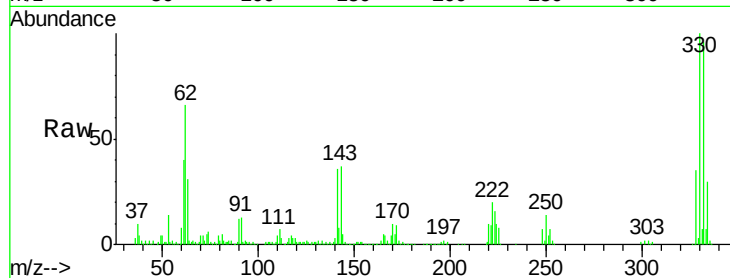
Tgt Ion:330 Resp: 344085

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

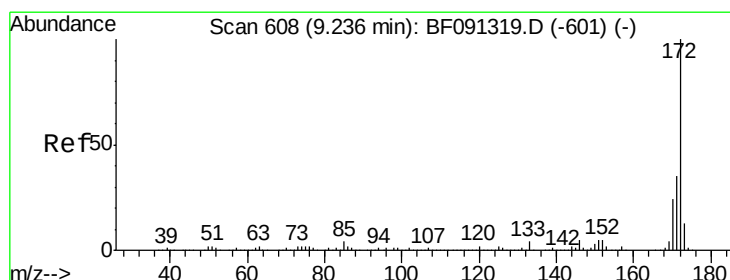
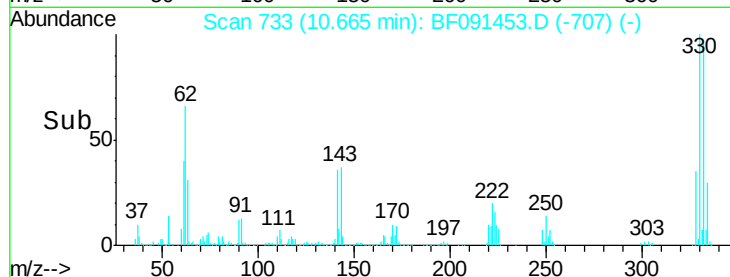
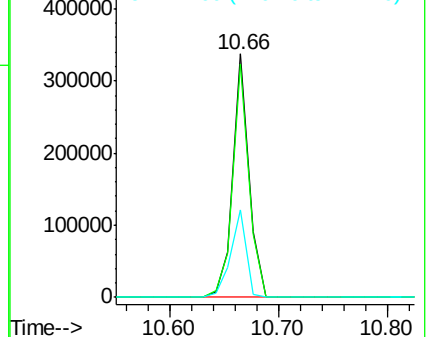
141 34.5 33.6 50.4



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: 92.61 ng

RT: 9.20 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

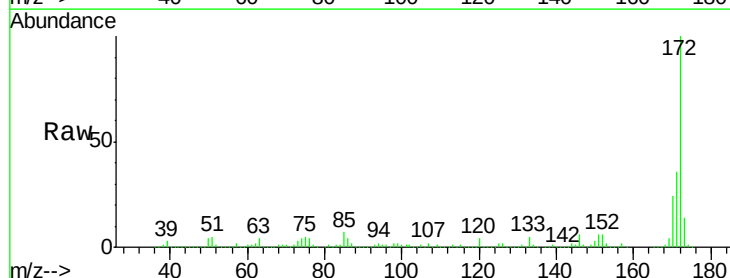
Tgt Ion:172 Resp: 1471204

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

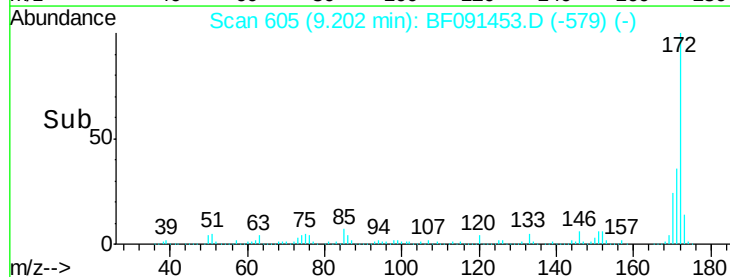
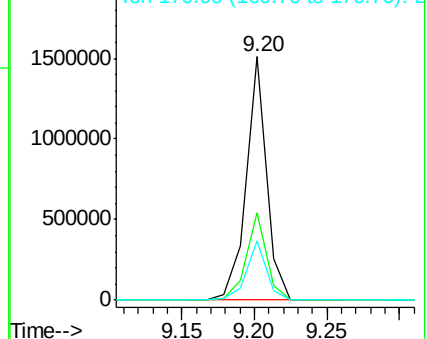
170 24.2 19.7 29.5

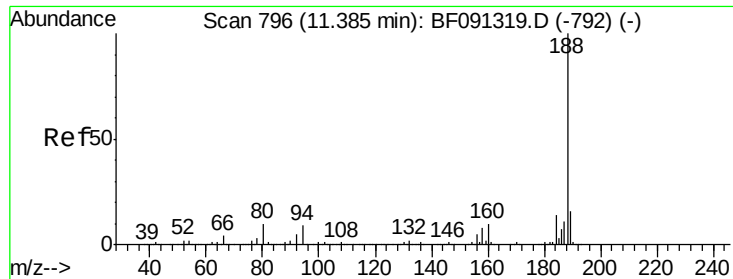


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

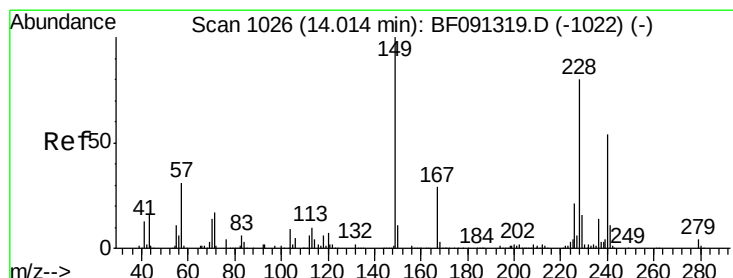
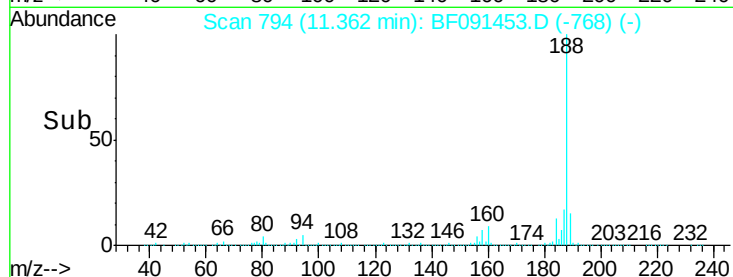
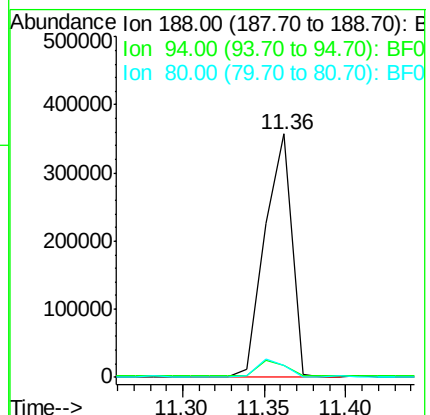
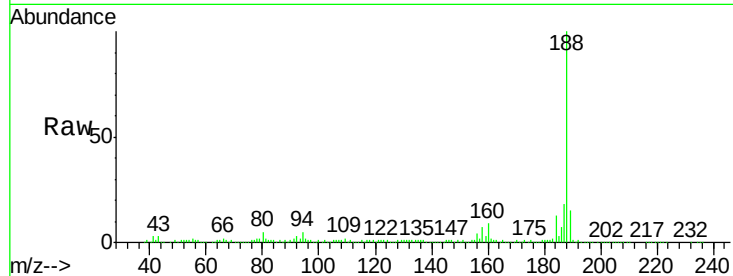




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF091453.D
Acq: 6 Dec 2016 12:28

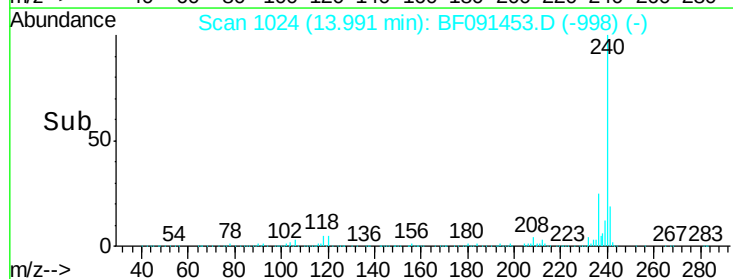
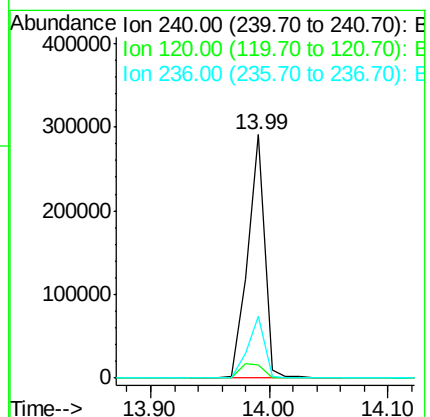
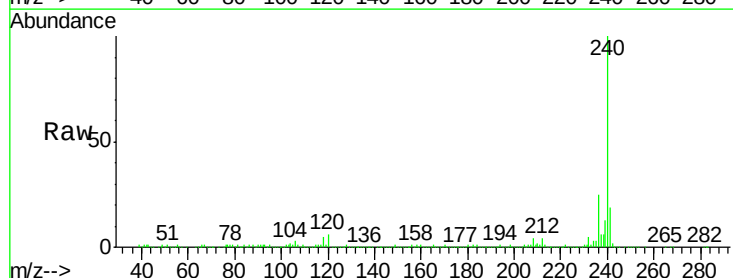
Instrument :
BNA_F
ClientSampleId :
MW-05

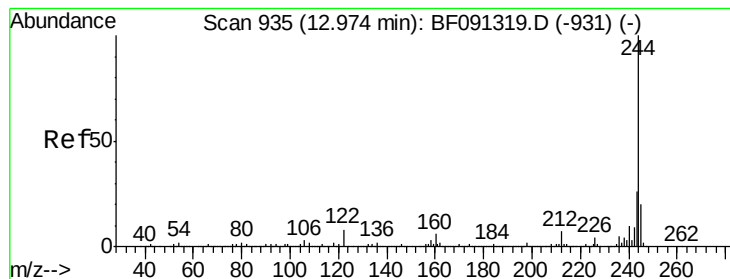
Tgt Ion:188 Resp: 411348
Ion Ratio Lower Upper
188 100
94 5.0 9.2 13.8#
80 4.8 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF091453.D
Acq: 6 Dec 2016 12:28

Tgt Ion:240 Resp: 290537
Ion Ratio Lower Upper
240 100
120 5.6 12.1 18.1#
236 25.4 21.0 31.6





#78

Terphenyl-d14

Concen: 113.03 ng

RT: 12.95 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

Instrument :

BNA_F

ClientSampleId :

MW-05

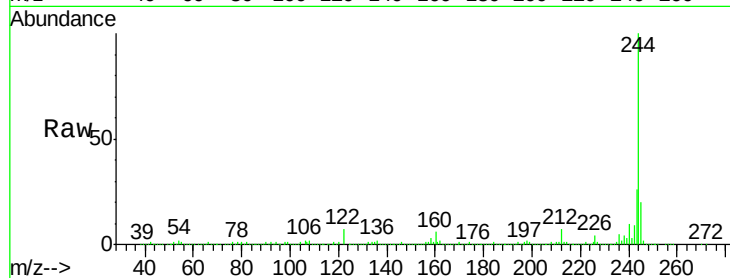
Tgt Ion:244 Resp: 1510843

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

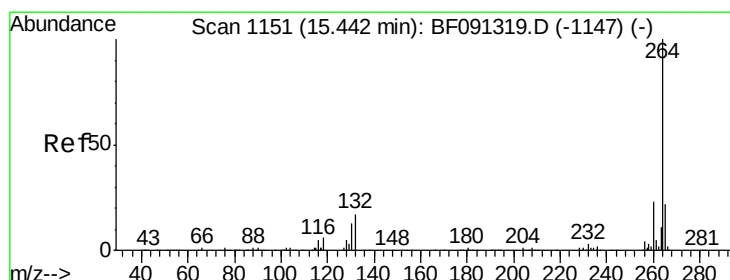
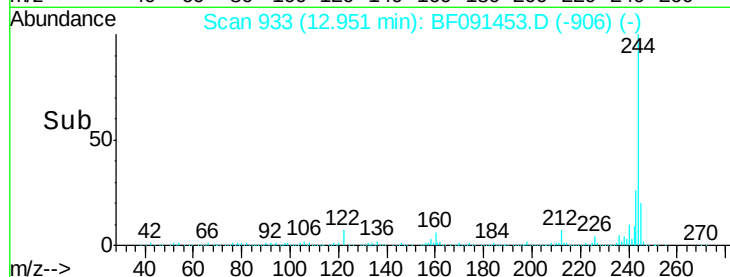
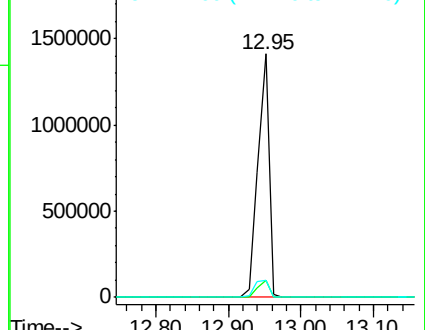
122 6.8 9.5 14.3#



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: 15.41 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF091453.D

Acq: 6 Dec 2016 12:28

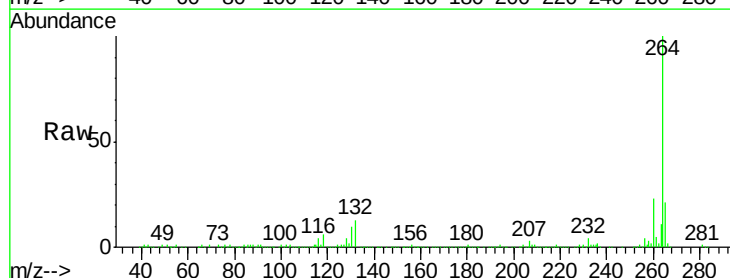
Tgt Ion:264 Resp: 253987

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.2 17.0 25.6



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

