

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091435.D
 Acq On : 5 Dec 2016 23:13
 Operator : UM/SJ
 Sample : H5802-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 09 13:42:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148810	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514779	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	339033	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	595867	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	441310	20.00	ng	0.00
86) Perylene-d12	15.43	264	355007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	868315	95.32	ng	0.01
7) Phenol-d6	6.48	99	889770	79.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	968562	105.44	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	485796	151.35	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1707497	91.19	ng	0.00
78) Terphenyl-d14	12.96	244	2140788	105.44	ng	0.00

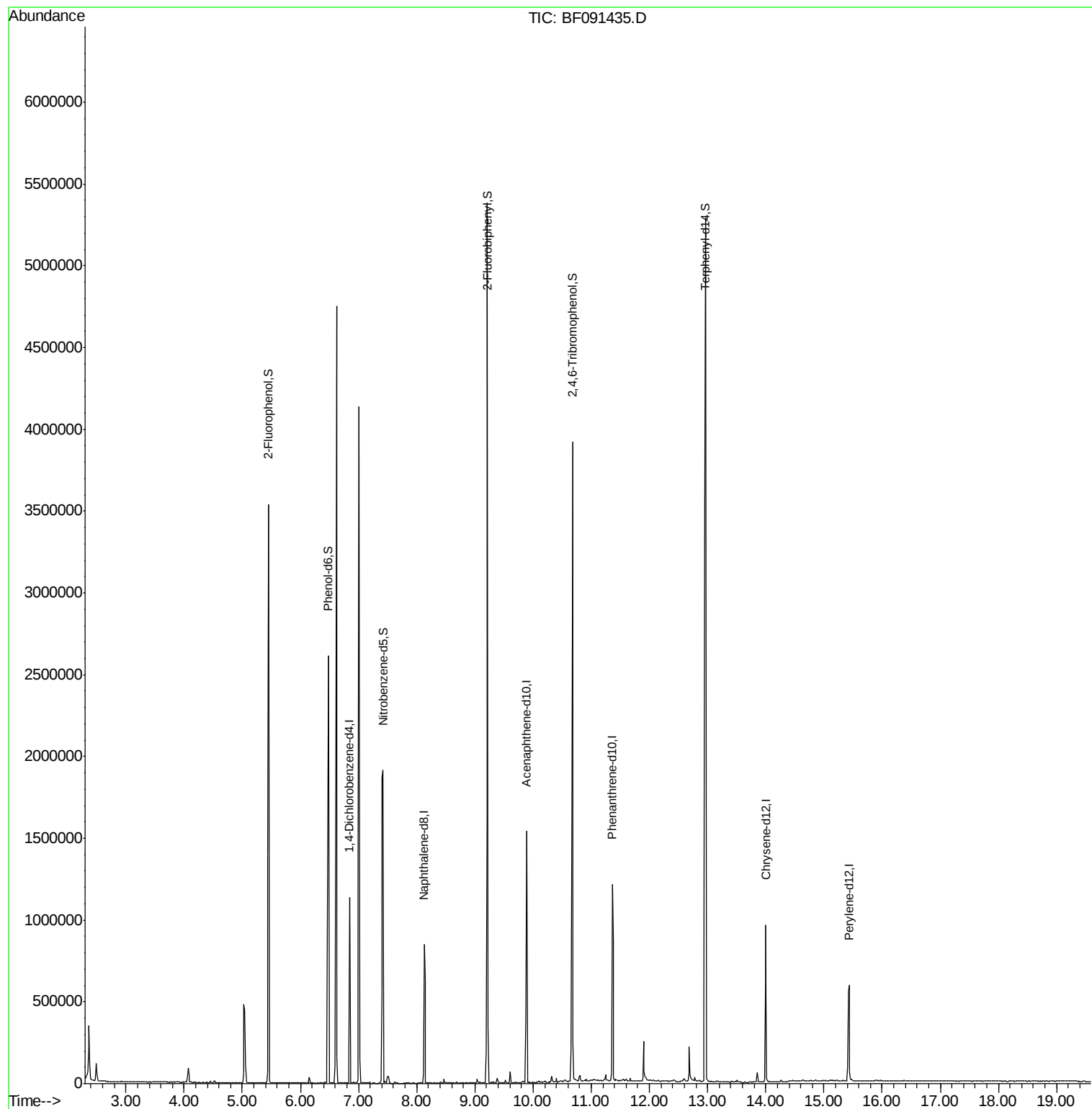
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

Instrument :

BNA_F

ClientSampleId :

MW-02

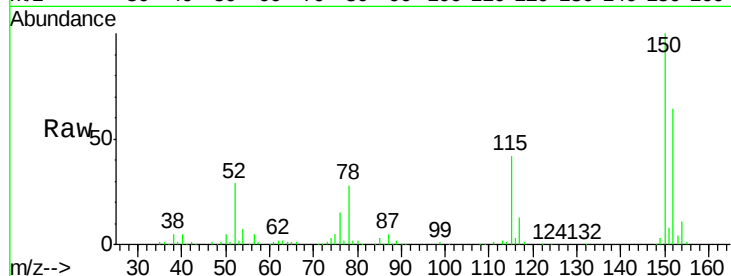
Tot Ion:152 Resp: 148810

Ion Ratio Lower Upper

152 100

150 156.6 122.5 183.7

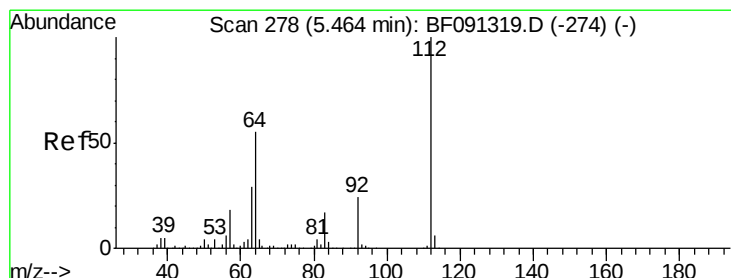
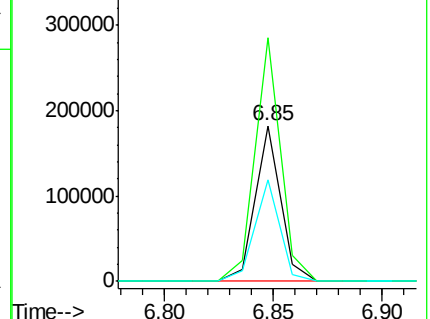
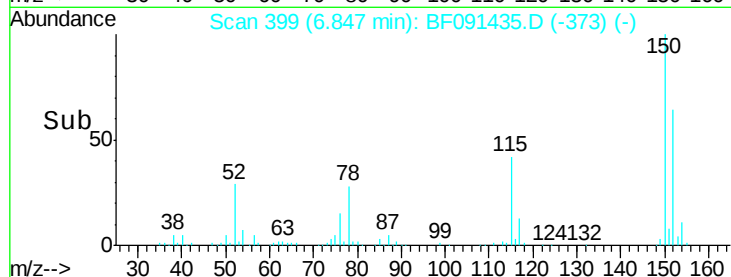
115 65.1 51.8 77.8



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: 95.32 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

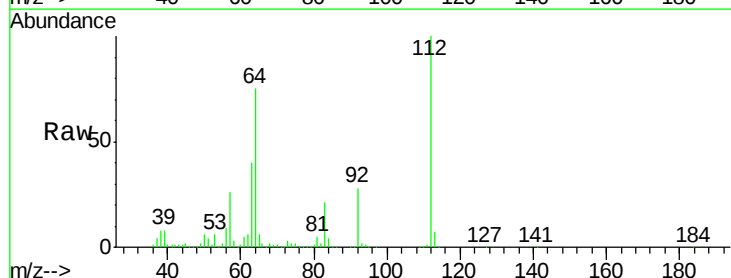
Tgt Ion:112 Resp: 868315

Ion Ratio Lower Upper

112 100

64 75.4 61.5 92.3

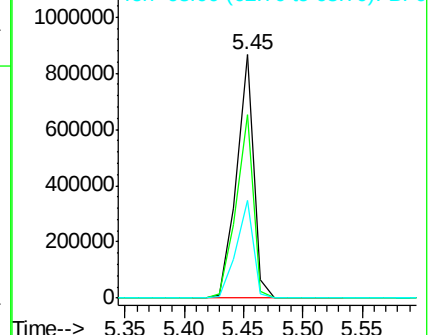
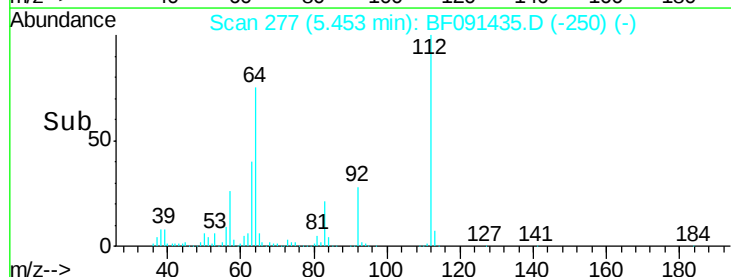
63 40.2 33.3 49.9

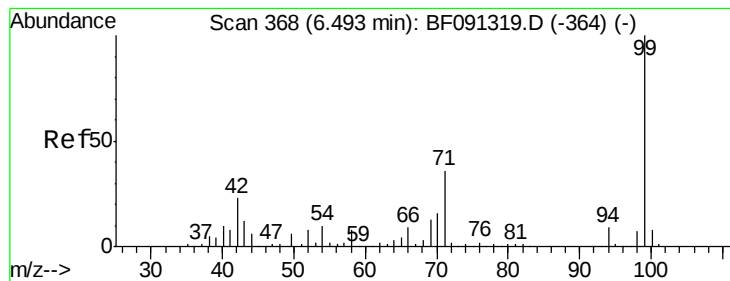


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 79.35 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

Instrument :

BNA_F

ClientSampleId :

MW-02

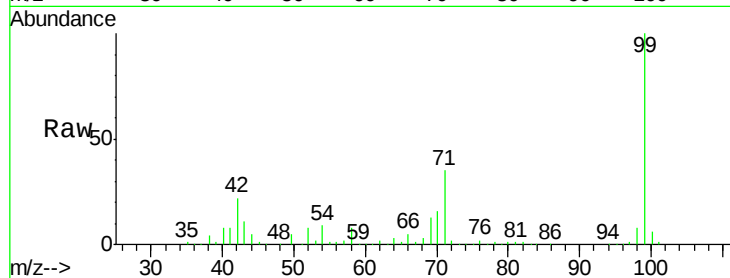
Tot Ion: 99 Resp: 889770

Ion Ratio Lower Upper

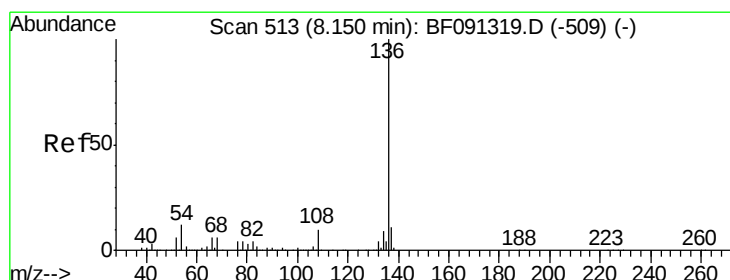
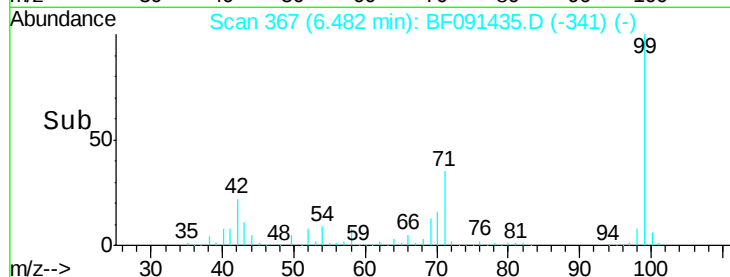
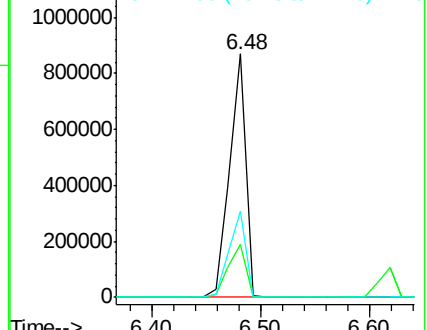
99 100

42 21.6 20.6 31.0

71 35.2 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. -0.01 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

Tgt Ion: 136 Resp: 514779

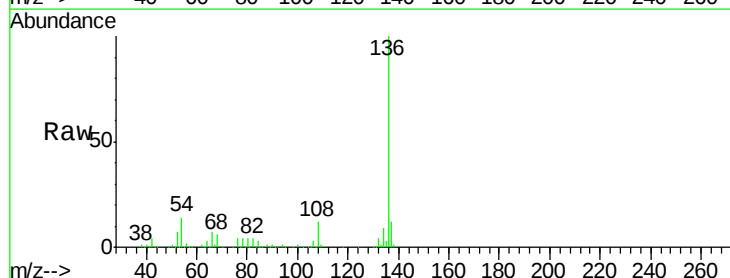
Ion Ratio Lower Upper

136 100

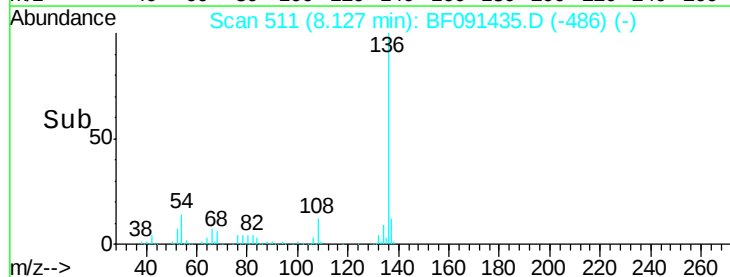
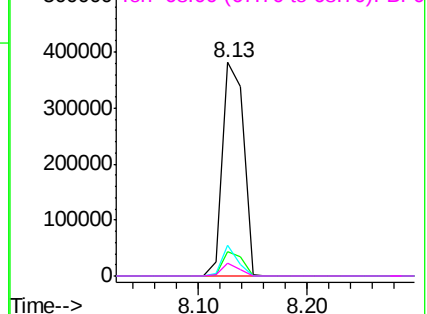
137 11.6 9.1 13.7

54 14.1 9.1 13.7#

68 5.9 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

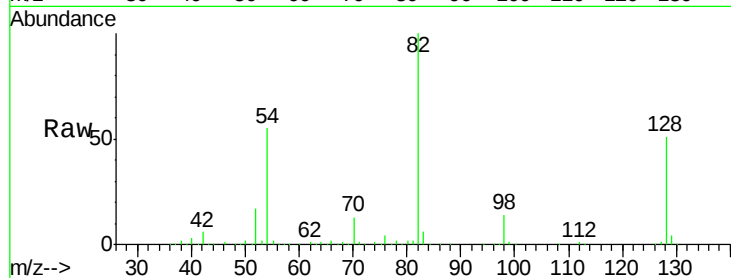




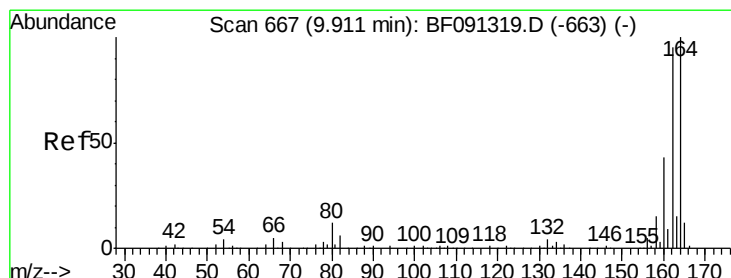
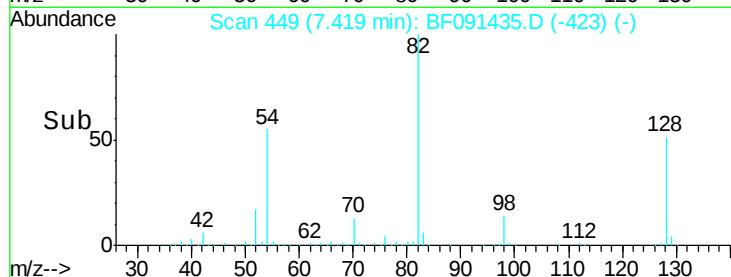
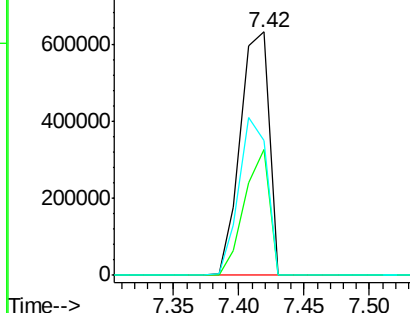
#23
 Nitrobenzene-d5
 Concen: 105.44 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion: 82 Resp: 968562
 Ion Ratio Lower Upper
 82 100
 128 51.5 31.8 47.6#
 54 55.3 49.1 73.7

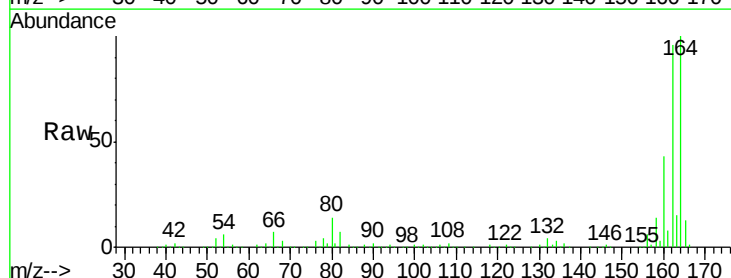


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

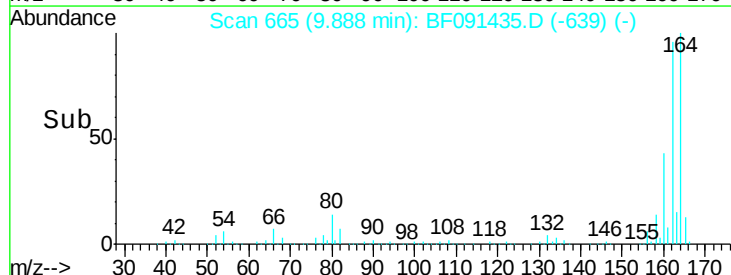
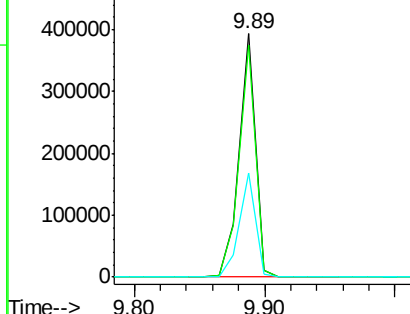


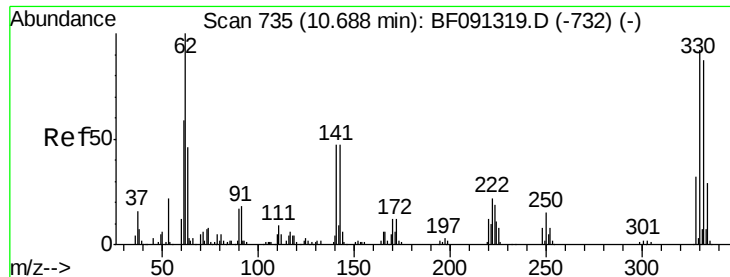
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Tgt Ion: 164 Resp: 339033
 Ion Ratio Lower Upper
 164 100
 162 95.5 82.6 124.0
 160 43.0 36.7 55.1



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

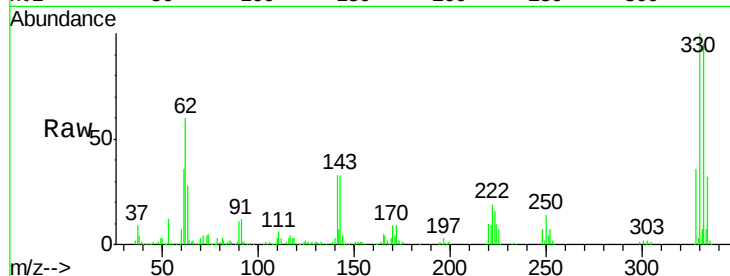




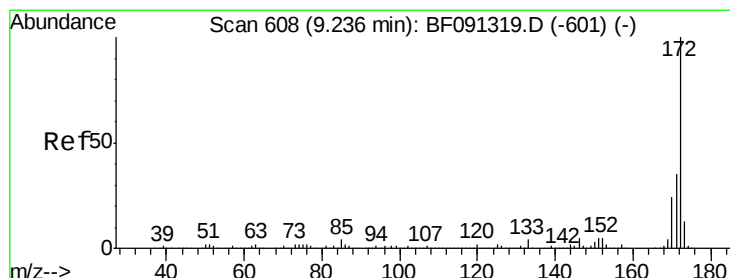
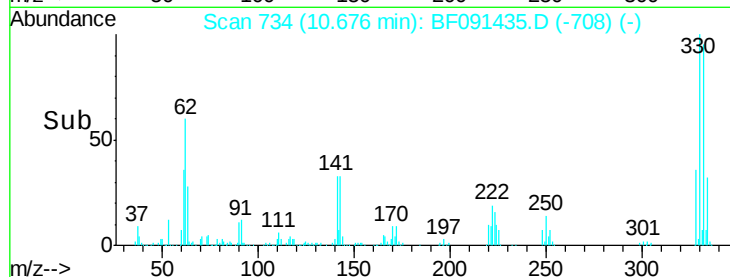
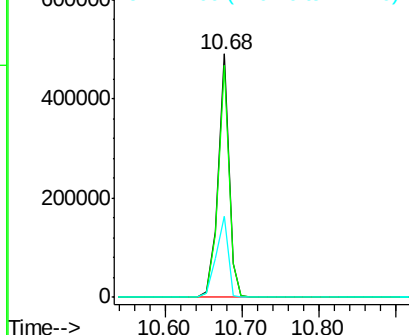
#41
 2,4,6-Tribromophenol
 Concen: 151.35 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:330 Resp: 485796
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 36.2 33.6 50.4

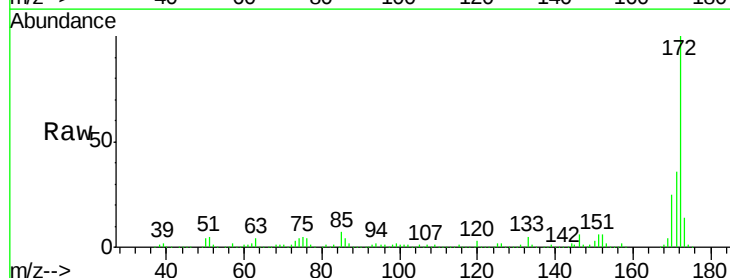


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

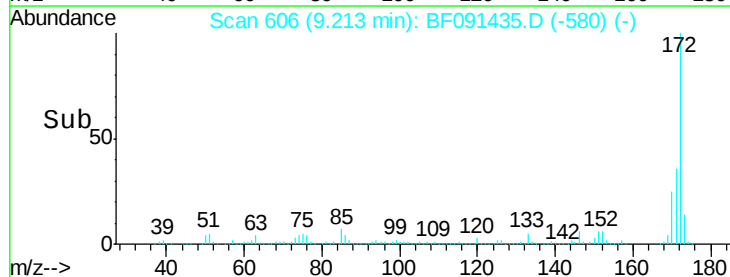
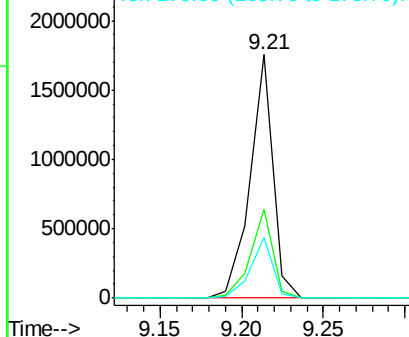


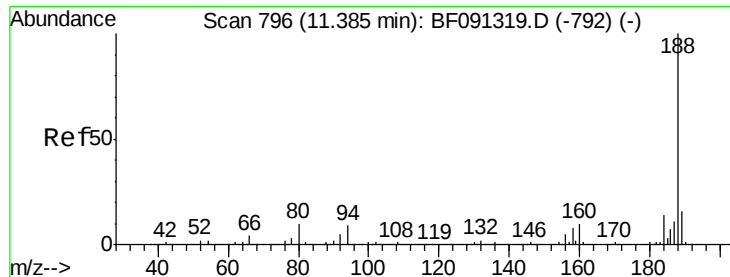
#44
 2-Fluorobiphenyl
 Concen: 91.19 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Tgt Ion:172 Resp: 1707497
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 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

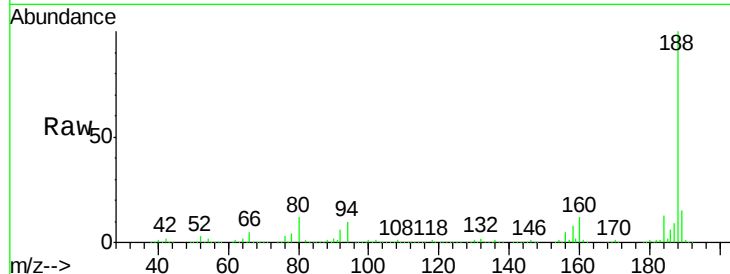




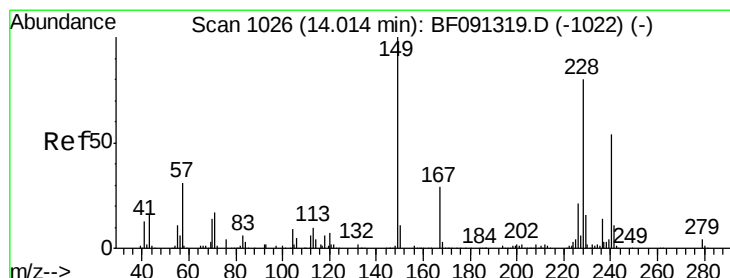
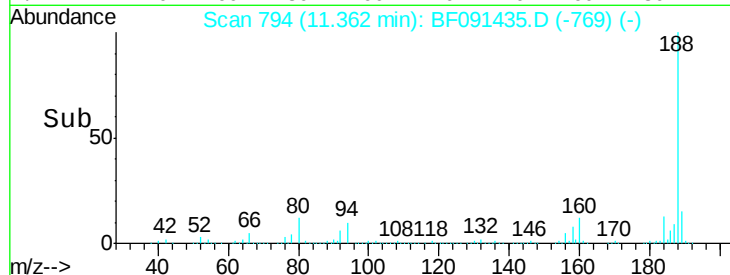
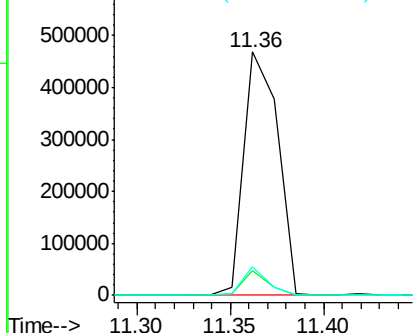
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF091435.D
Acq: 5 Dec 2016 23:13

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:188 Resp: 595867
Ion Ratio Lower Upper
188 100
94 10.2 9.2 13.8
80 11.7 10.5 15.7

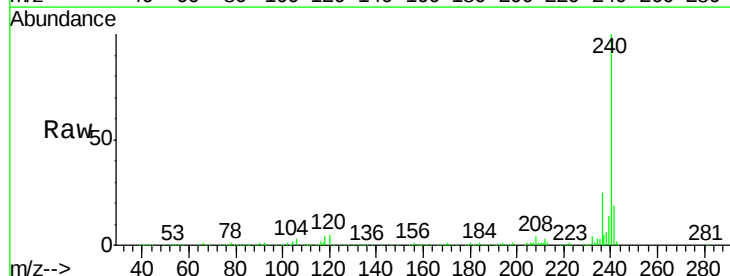


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

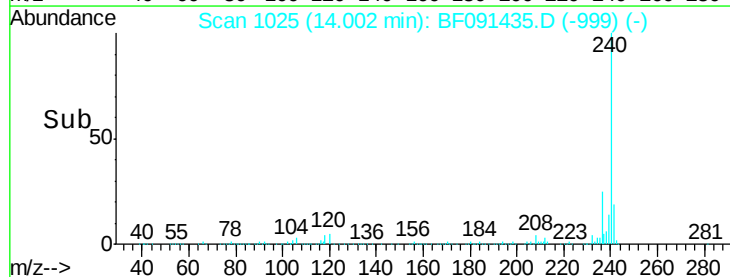
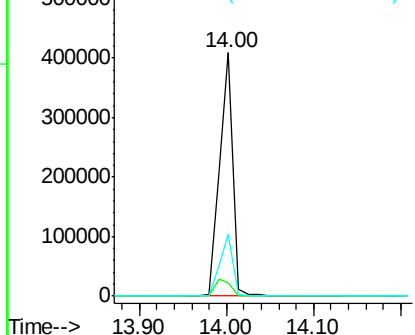


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091435.D
Acq: 5 Dec 2016 23:13

Tgt Ion:240 Resp: 441310
Ion Ratio Lower Upper
240 100
120 5.4 12.1 18.1#
236 25.2 21.0 31.6



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

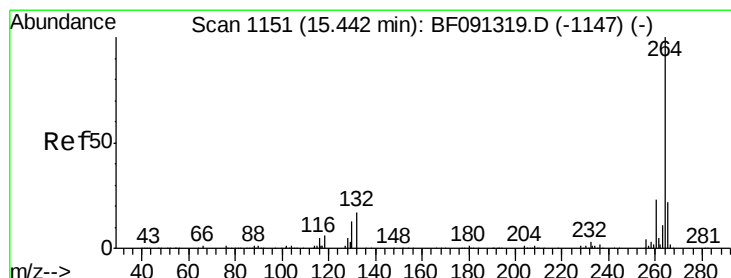
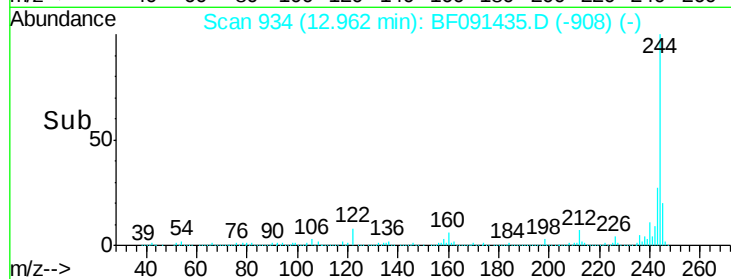
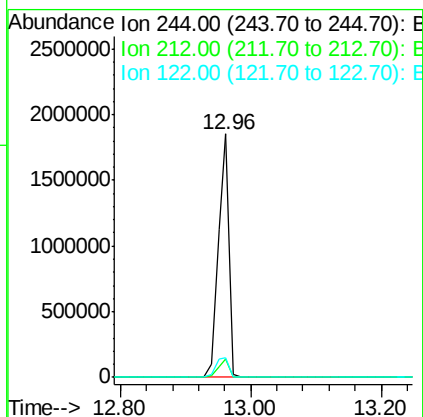
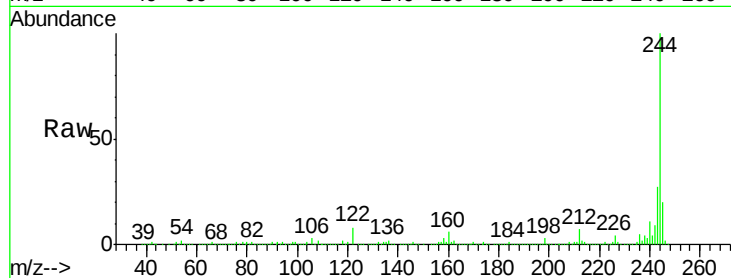




#78
 Terphenyl-d14
 Concen: 105.44 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Instrument :
 BNA_F
 ClientSampled :
 MW-02

Tot Ion:244 Resp: 2140788
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 7.8 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Tgt Ion:264 Resp: 355007
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.0 17.0 25.6

