

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091422.D
 Acq On : 5 Dec 2016 17:14
 Operator : UM/SJ
 Sample : H5838-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Dec 06 00:25:25 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	145890	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	479532	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	336272	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	573330	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	464456	20.00	ng	0.00
86) Perylene-d12	15.42	264	335362	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	482822	54.06	ng	0.00
7) Phenol-d6	6.47	99	373148	33.94	ng	-0.01
23) Nitrobenzene-d5	7.41	82	945177	110.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	498198	156.49	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1639769	88.29	ng	0.00
78) Terphenyl-d14	12.96	244	2025941	94.81	ng	0.00

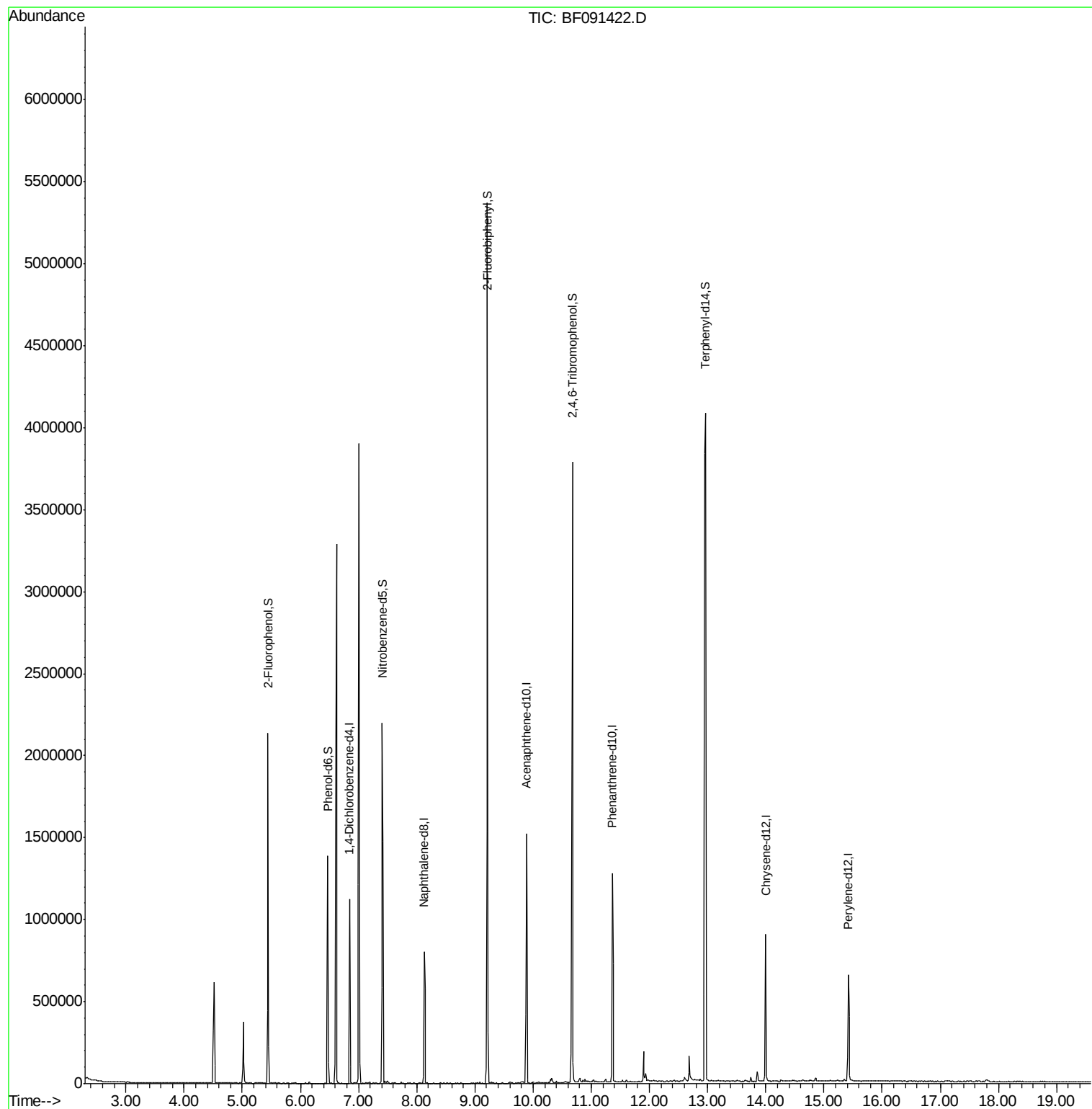
Target Compounds Qvalue

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

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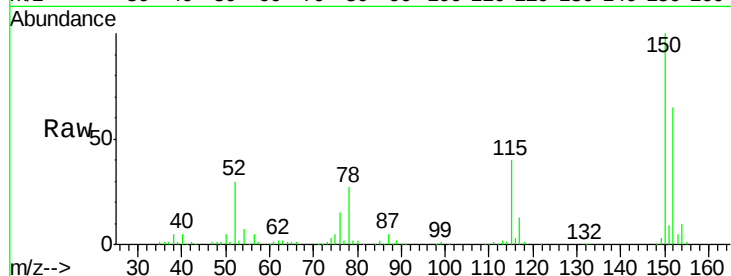


#1

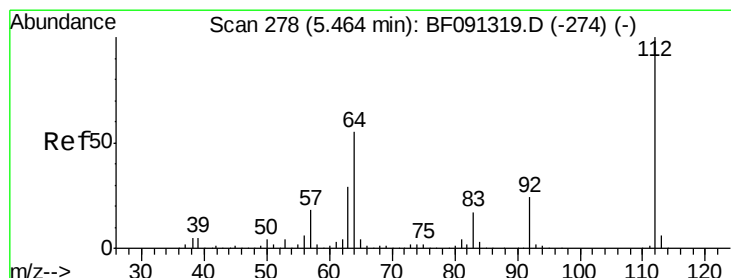
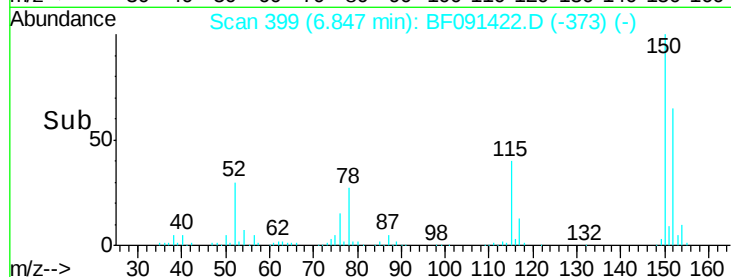
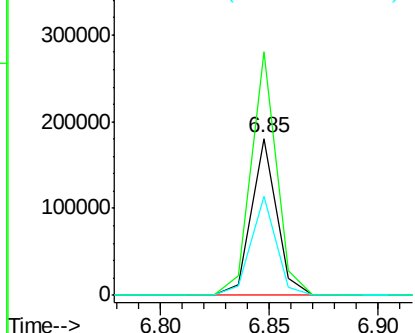
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091422.D
Acq: 5 Dec 2016 17:14

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:152 Resp: 145890
Ion Ratio Lower Upper
152 100
150 154.9 122.5 183.7
115 62.7 51.8 77.8



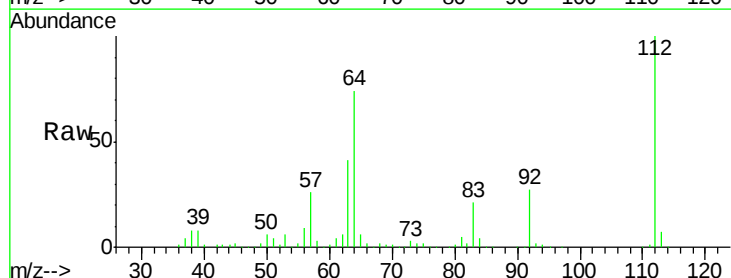
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



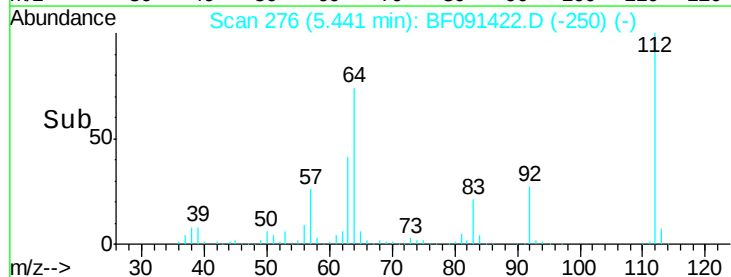
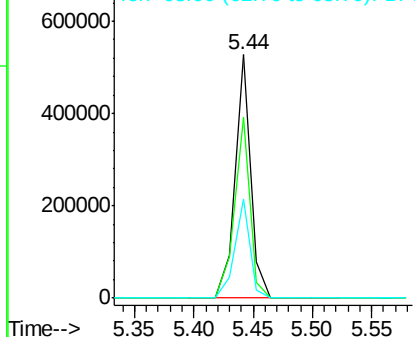
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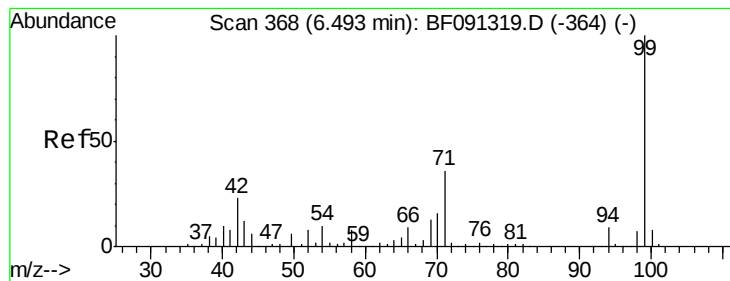
2-Fluorophenol
Concen: 54.06 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF091422.D
Acq: 5 Dec 2016 17:14

Tgt Ion:112 Resp: 482822
Ion Ratio Lower Upper
112 100
64 74.5 61.5 92.3
63 40.8 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: 33.94 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

Instrument :

BNA_F

ClientSampleId :

MW-3

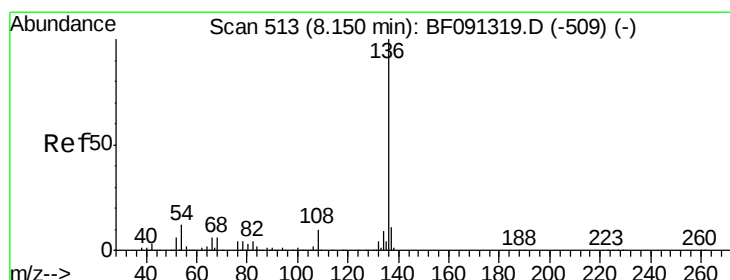
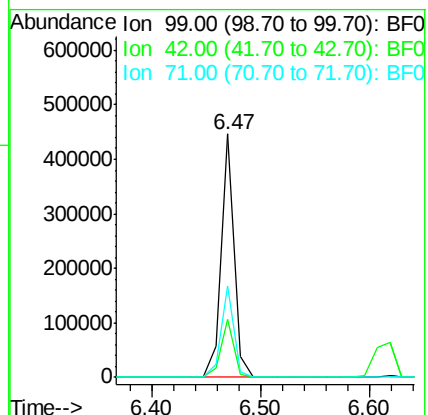
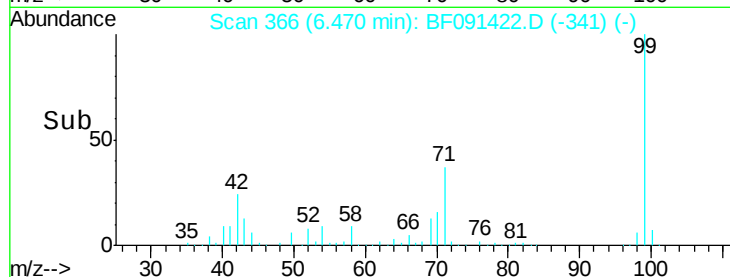
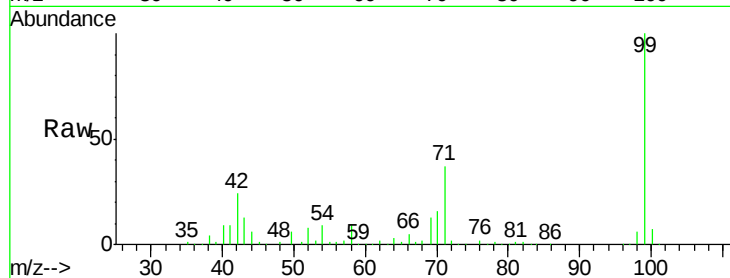
Tot Ion: 99 Resp: 373148

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

71 37.4 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF091422.D

Acq: 5 Dec 2016 17:14

Tgt Ion: 136 Resp: 479532

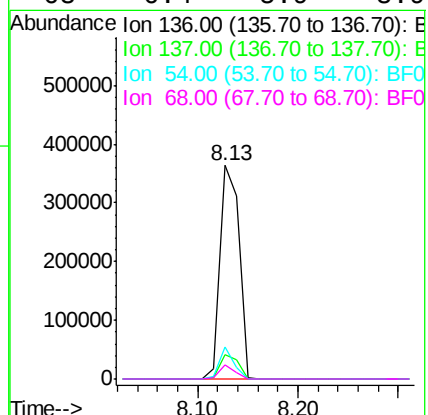
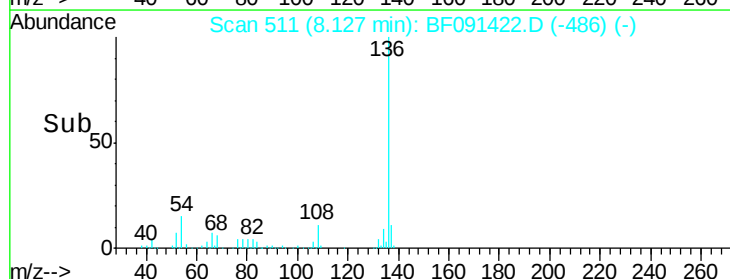
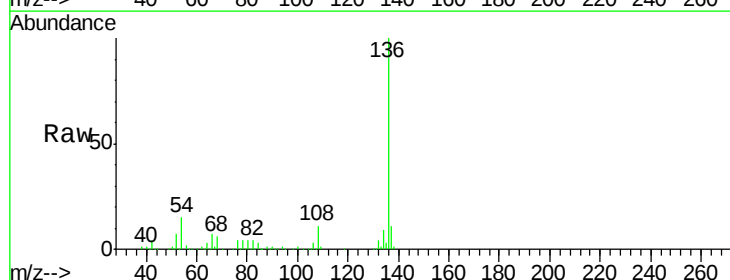
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 14.8 9.1 13.7#

68 6.4 5.9 8.9

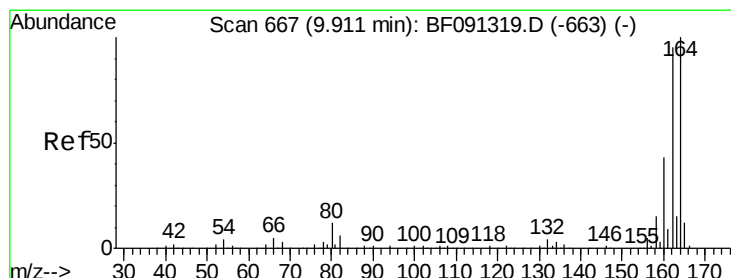
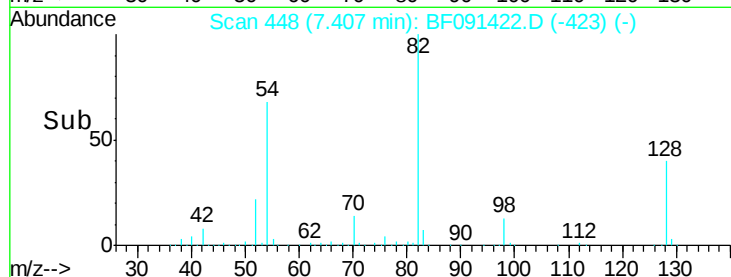
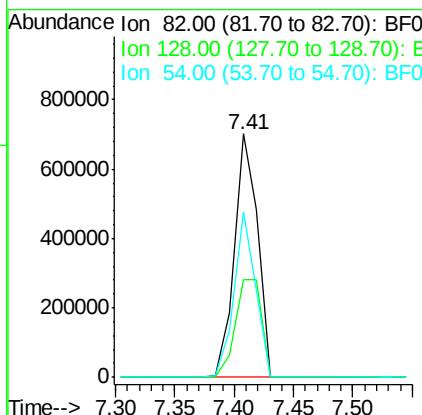
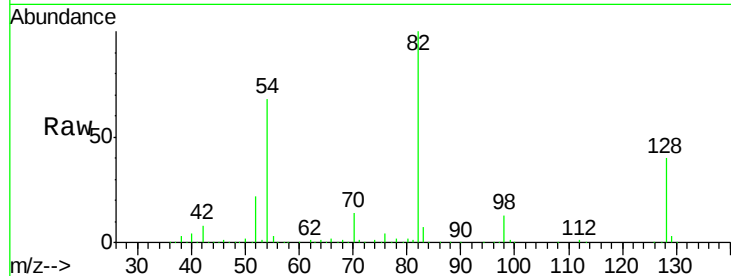




#23
 Nitrobenzene-d5
 Concen: 110.46 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

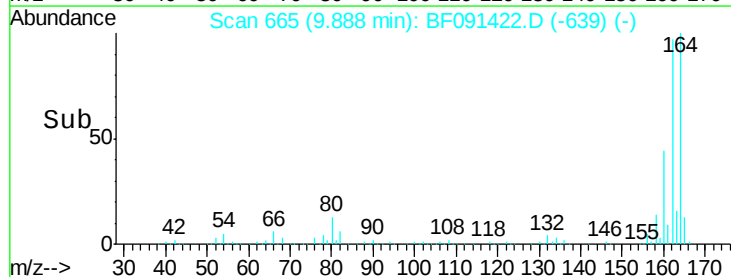
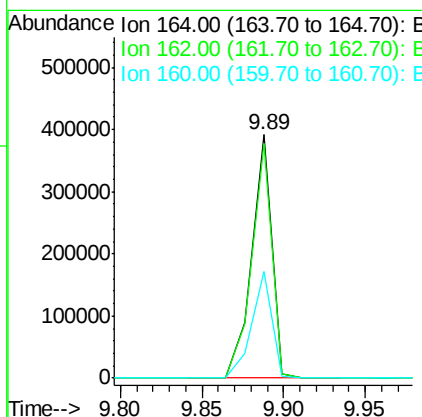
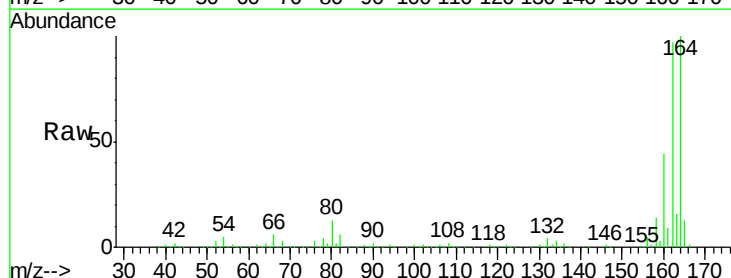
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

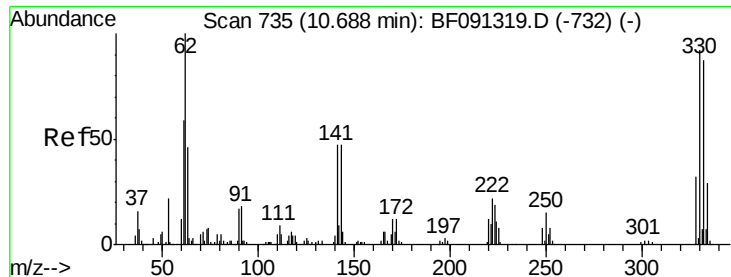
Tot Ion: 82 Resp: 945177
 Ion Ratio Lower Upper
 82 100
 128 39.9 31.8 47.6
 54 67.8 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Tgt Ion: 164 Resp: 336272
 Ion Ratio Lower Upper
 164 100
 162 96.6 82.6 124.0
 160 43.7 36.7 55.1

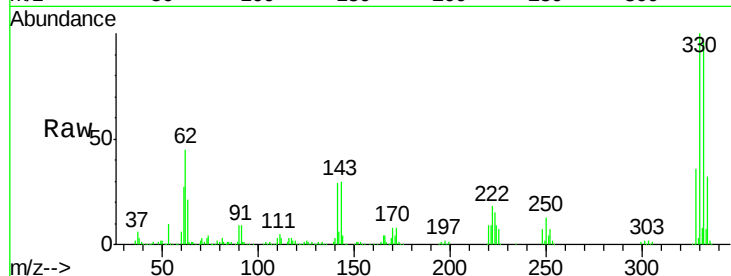




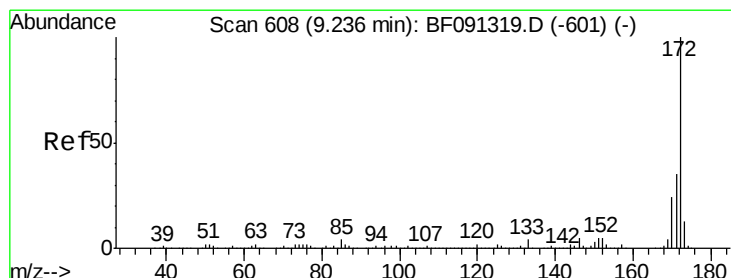
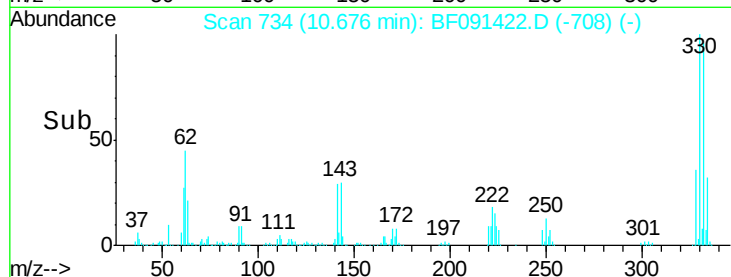
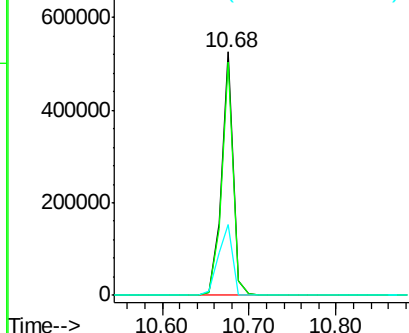
#41
 2,4,6-Tribromophenol
 Concen: 156.49 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:330 Resp: 498198
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 35.2 33.6 50.4

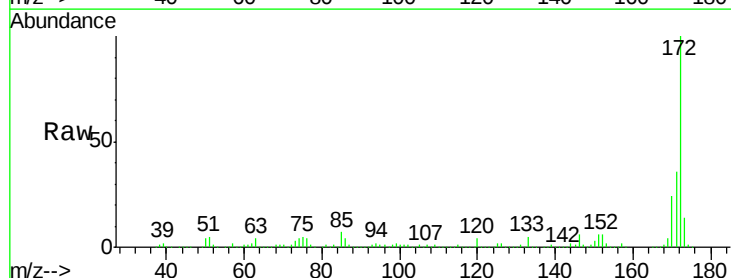


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

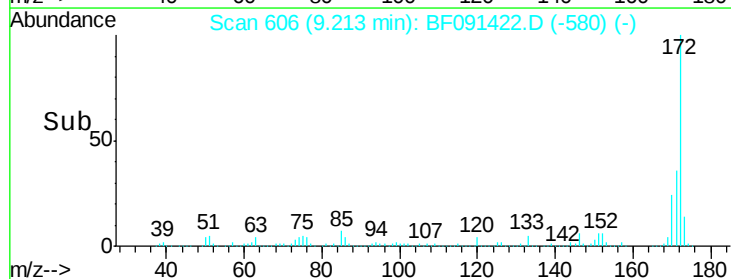
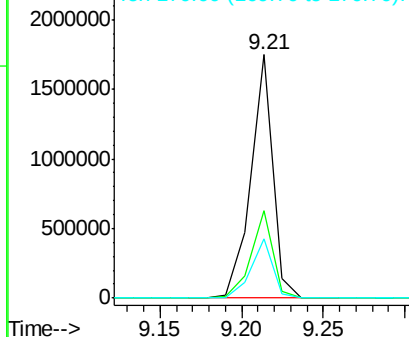


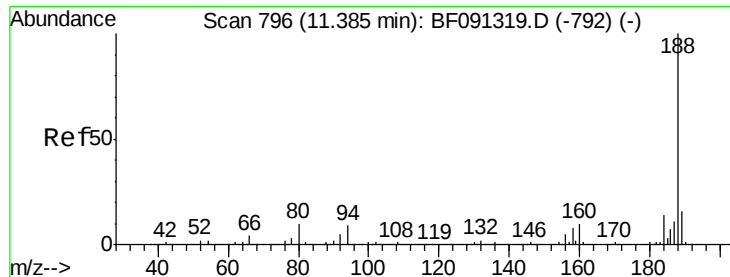
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Tgt Ion:172 Resp: 1639769
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 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

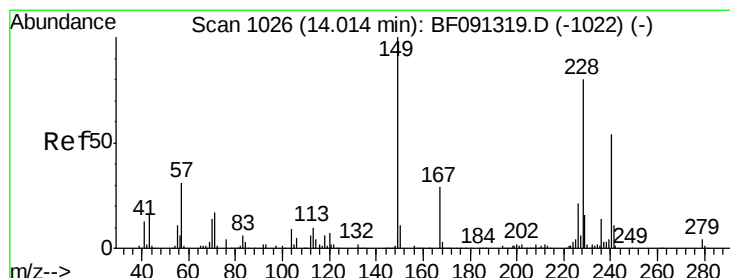
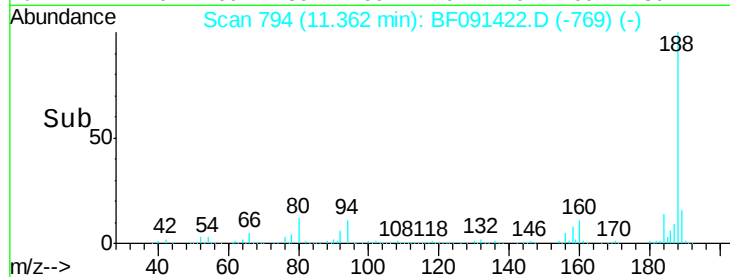
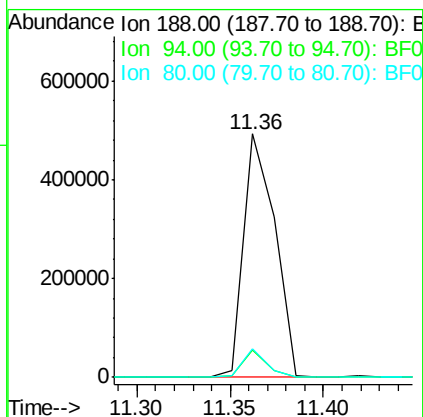
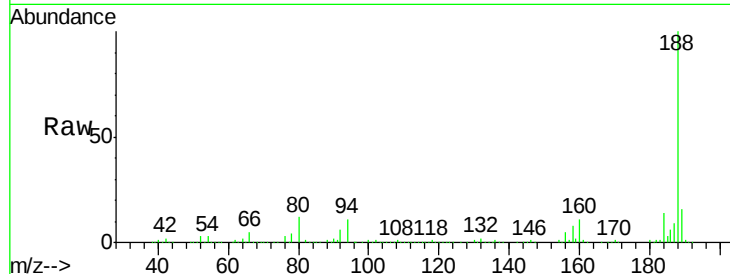




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF091422.D
Acq: 5 Dec 2016 17:14

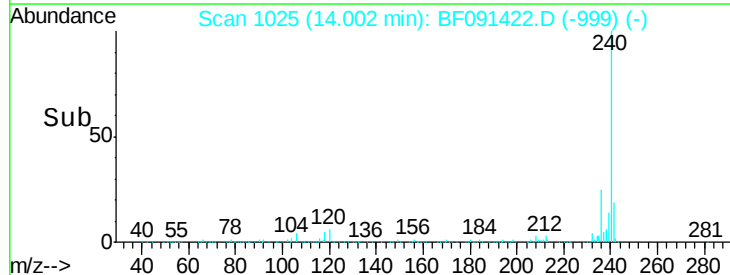
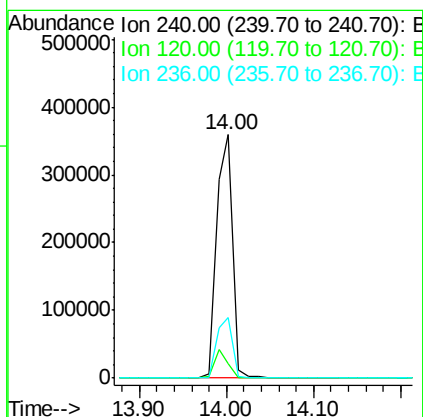
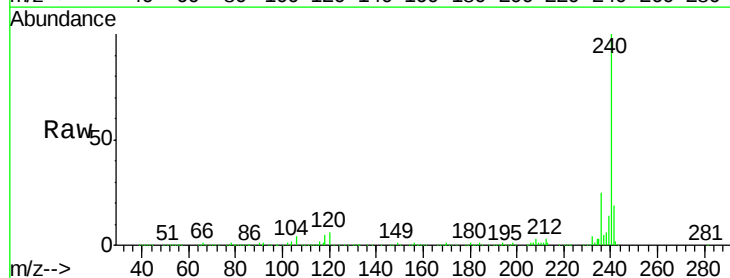
Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:188 Resp: 573330
Ion Ratio Lower Upper
188 100
94 11.0 9.2 13.8
80 11.8 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091422.D
Acq: 5 Dec 2016 17:14

Tgt Ion:240 Resp: 464456
Ion Ratio Lower Upper
240 100
120 5.9 12.1 18.1#
236 25.0 21.0 31.6

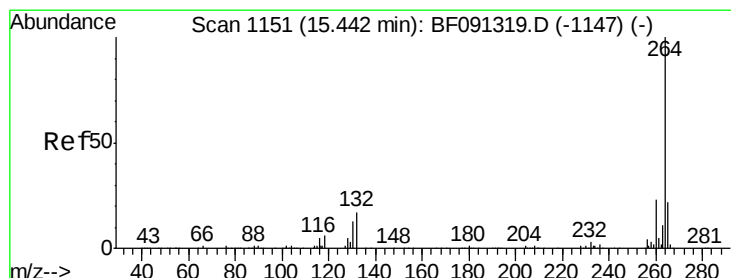
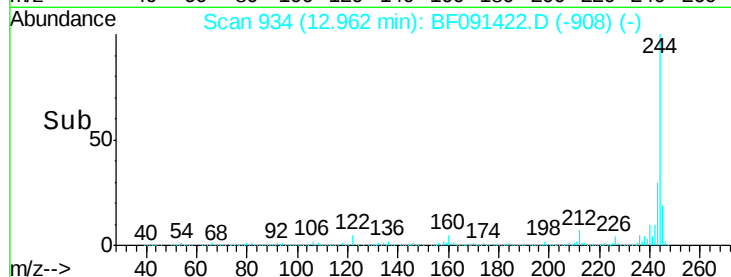
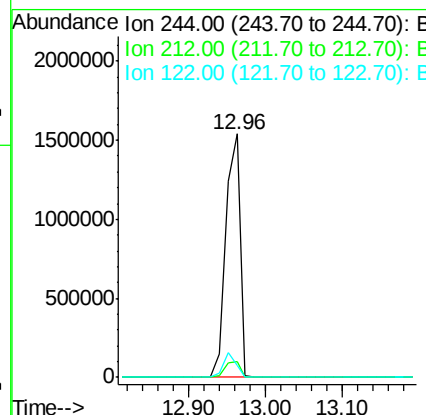
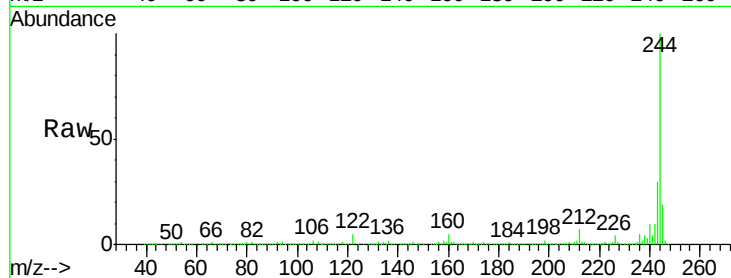




#78
 Terphenyl-d14
 Concen: 94.81 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:244 Resp: 2025941
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 5.1 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF091422.D
 Acq: 5 Dec 2016 17:14

Tgt Ion:264 Resp: 335362
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.4 17.0 25.6

