

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091623.D
 Acq On : 15 Dec 2016 11:17
 Operator : UM/SJ
 Sample : H5974-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 15 12:09:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	329399	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1254527	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	704161	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	1039965	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	782042	20.00	ng	-0.01
86) Perylene-d12	15.36	264	626750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1132007	57.90	ng	-0.02
7) Phenol-d6	6.43	99	995382	40.84	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1639789	72.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	647423	110.70	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2917571	71.59	ng	-0.02
78) Terphenyl-d14	12.90	244	2575230	74.72	ng	-0.02

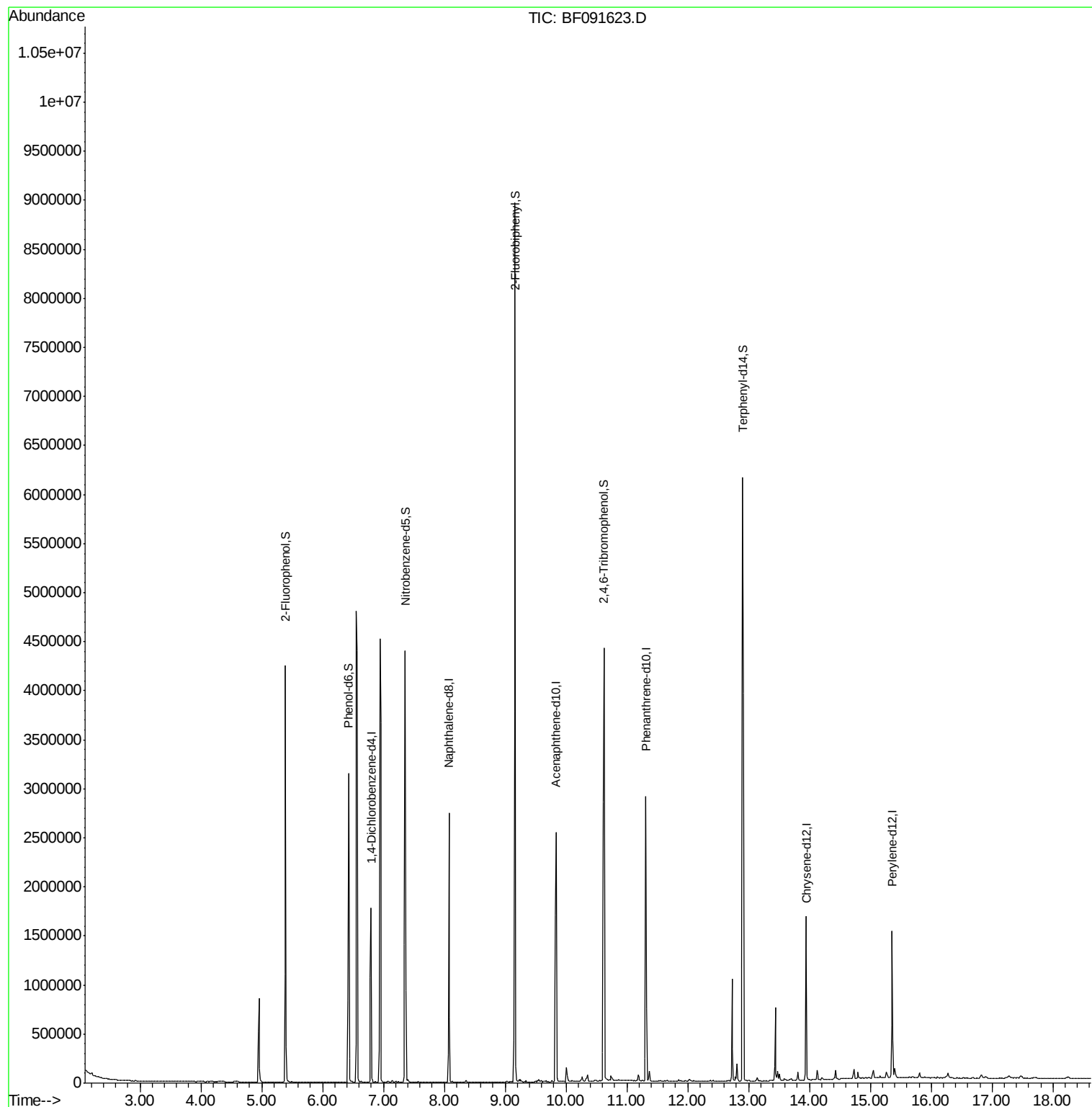
Target Compounds Qvalue

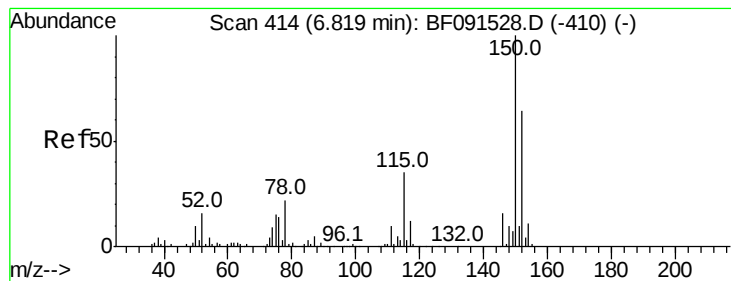
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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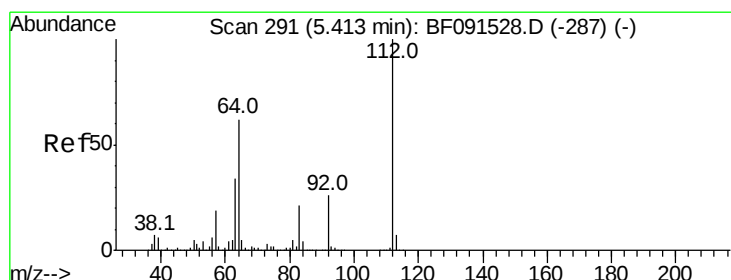
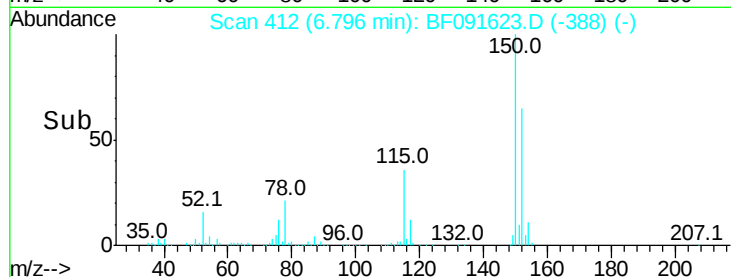
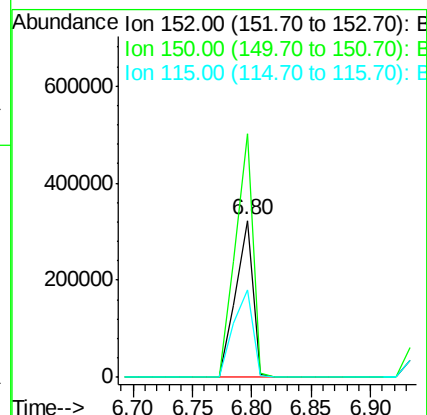
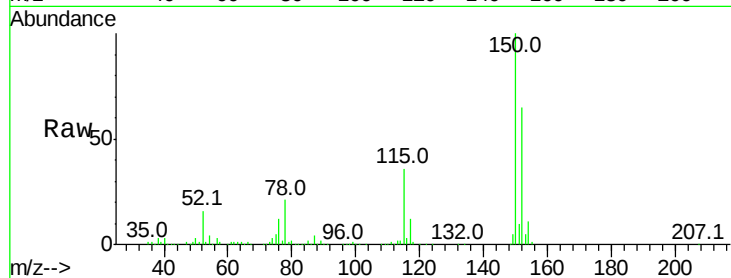


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091623.D
Acq: 15 Dec 2016 11:17

Instrument :
BNA_F
ClientSampleId :
MW-13

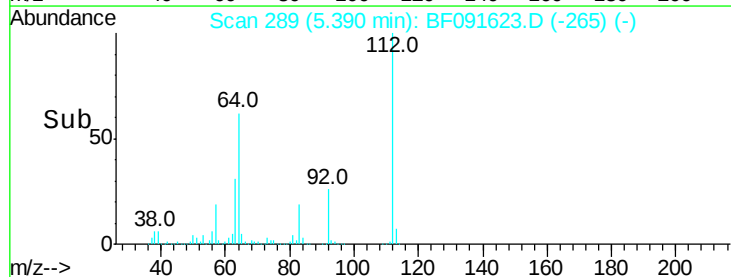
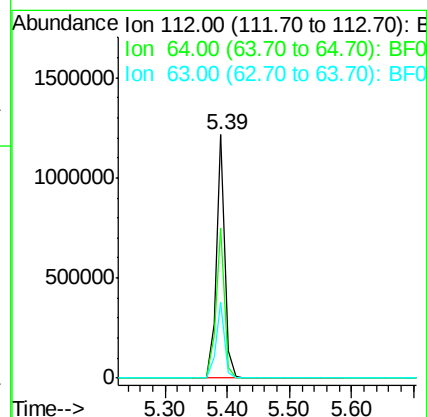
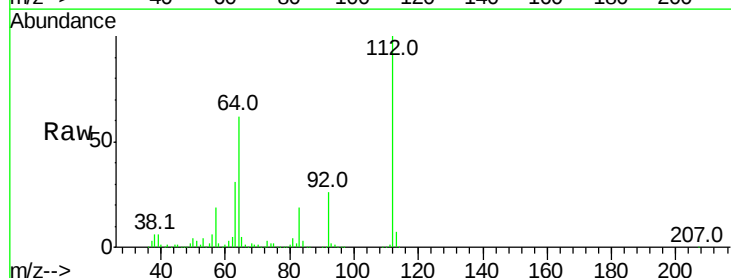
Tot Ion:152 Resp: 329399
Ion Ratio Lower Upper
152 100
150 154.9 122.5 183.7
115 55.6 51.8 77.8

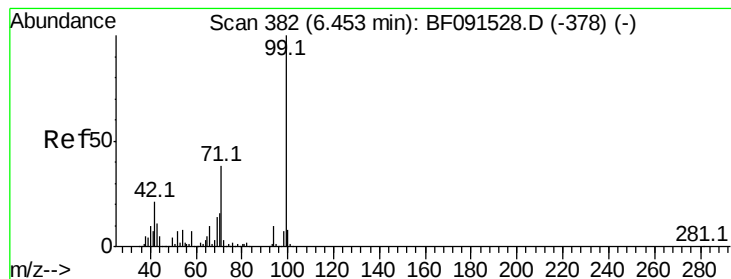


#5

2-Fluorophenol
Concen: 57.90 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091623.D
Acq: 15 Dec 2016 11:17

Tgt Ion:112 Resp: 1132007
Ion Ratio Lower Upper
112 100
64 61.6 61.5 92.3
63 31.1 33.3 49.9#





#7

Phenol-d6

Concen: 40.84 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091623.D

Acq: 15 Dec 2016 11:17

Instrument :

BNA_F

ClientSampleId :

MW-13

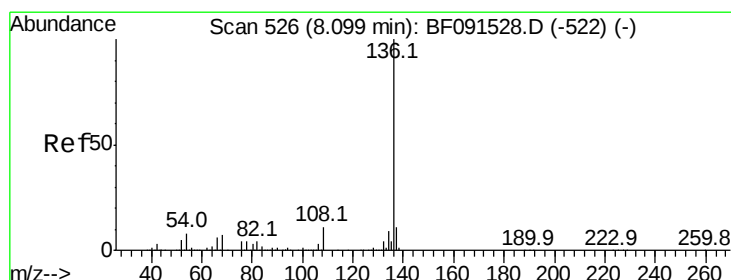
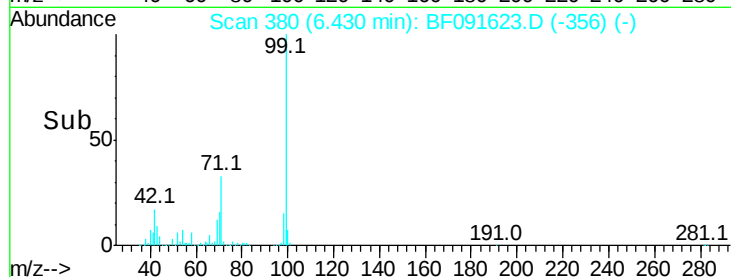
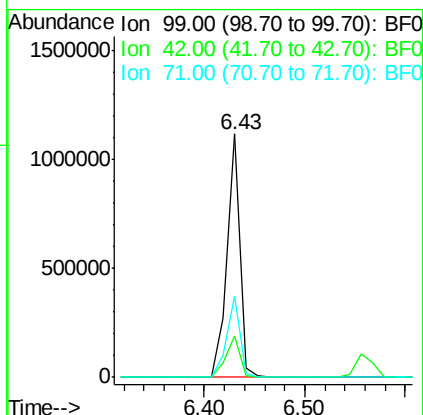
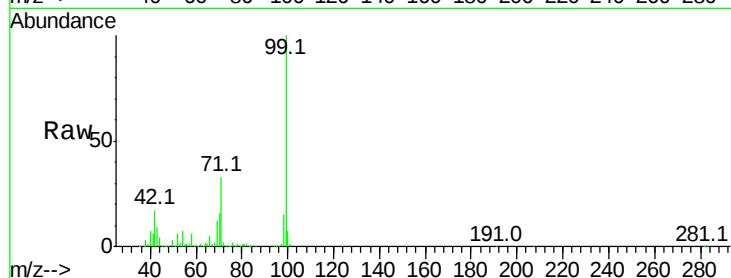
Tot Ion: 99 Resp: 995382

Ion Ratio Lower Upper

99 100

42 17.2 20.6 31.0#

71 33.2 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091623.D

Acq: 15 Dec 2016 11:17

Tgt Ion: 136 Resp: 1254527

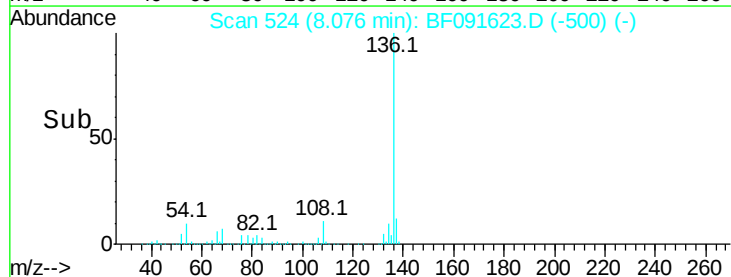
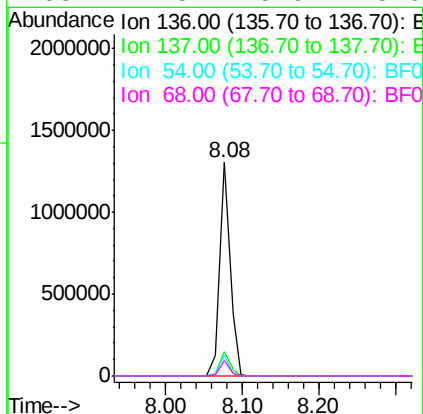
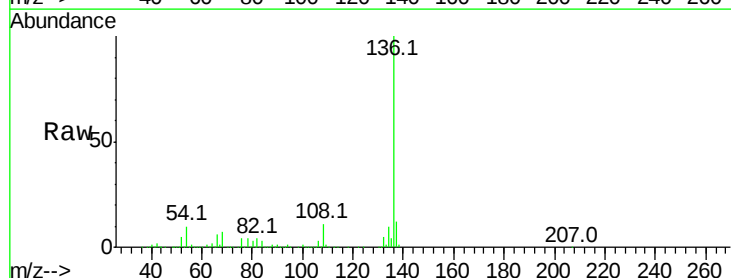
Ion Ratio Lower Upper

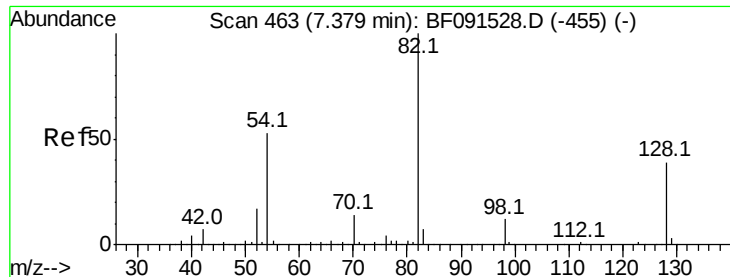
136 100

137 11.6 9.1 13.7

54 9.6 9.1 13.7

68 7.5 5.9 8.9



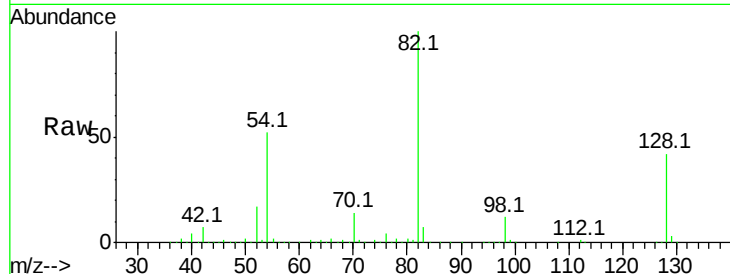


#23
 Nitrobenzene-d5
 Concen: 72.95 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091623.D
 Acq: 15 Dec 2016 11:17

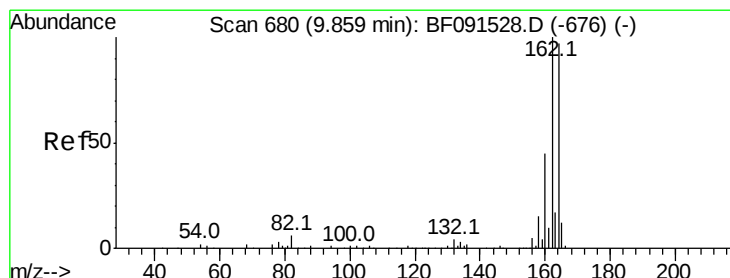
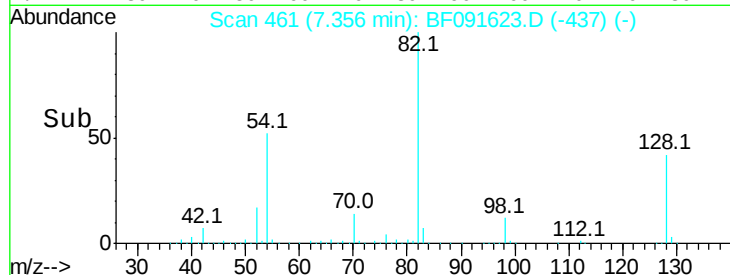
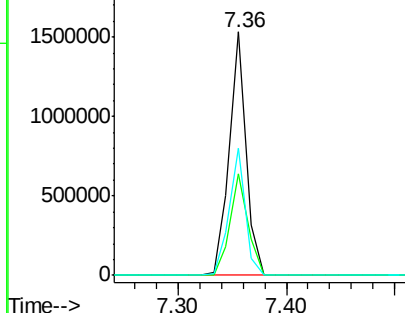
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion: 82 Resp: 1639789

Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.8	47.6
54	52.2	49.1	73.7



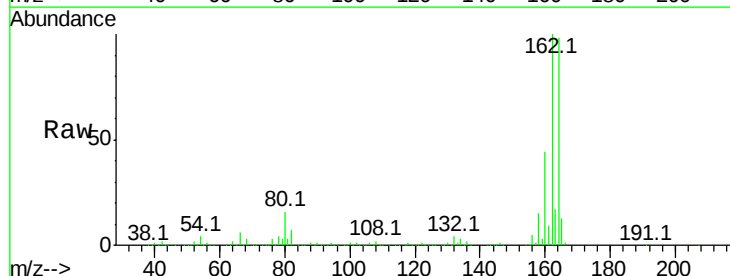
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



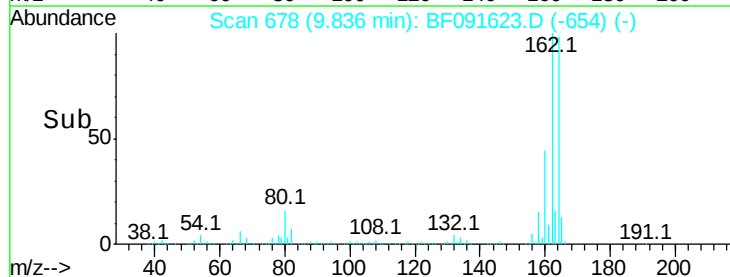
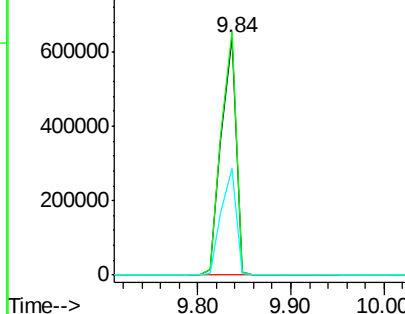
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF091623.D
 Acq: 15 Dec 2016 11:17

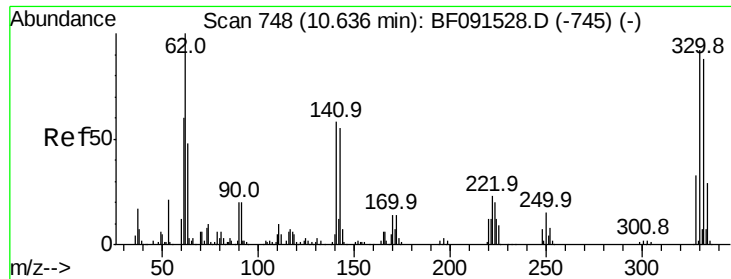
Tgt Ion:164 Resp: 704161

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	124.0
160	45.0	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

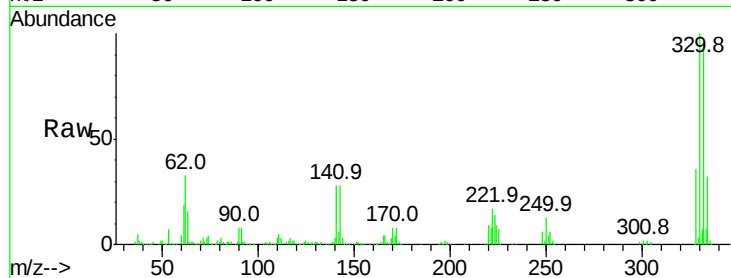




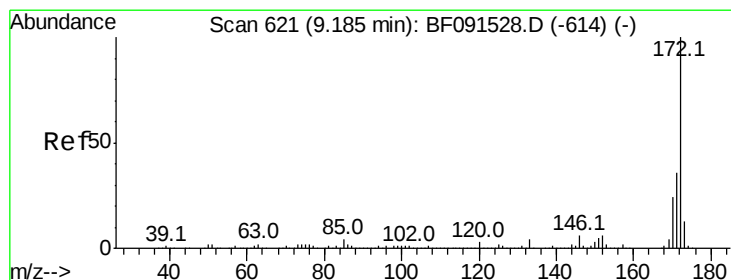
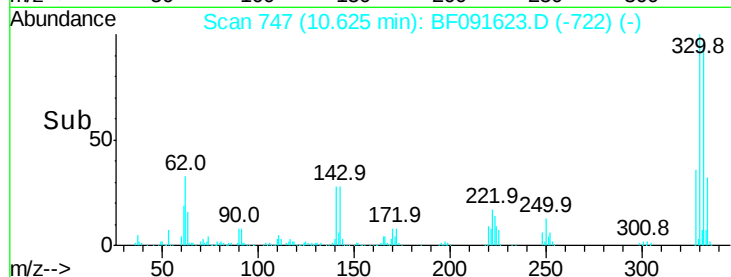
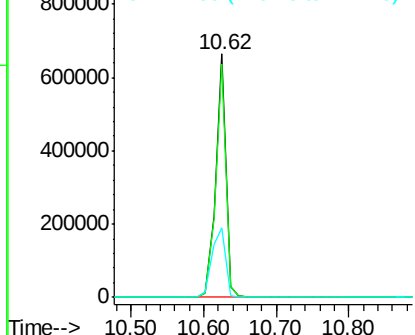
#41
 2,4,6-Tribromophenol
 Concen: 110.70 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091623.D
 Acq: 15 Dec 2016 11:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion:330 Resp: 647423
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 37.9 33.6 50.4

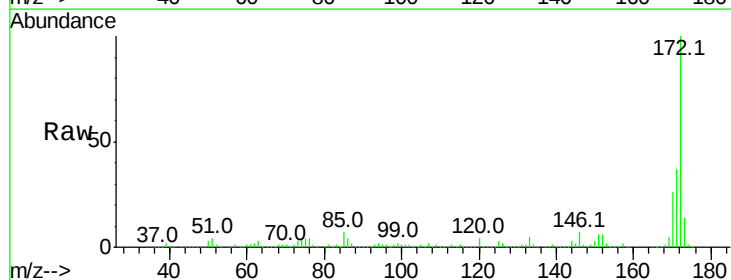


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

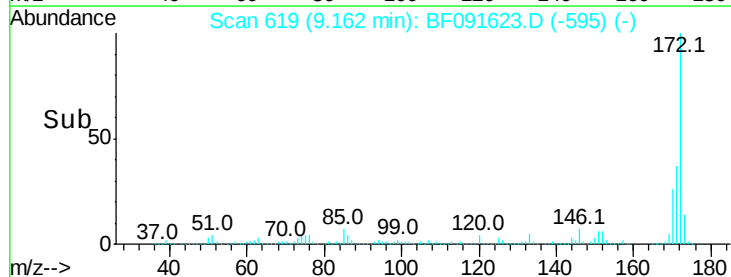
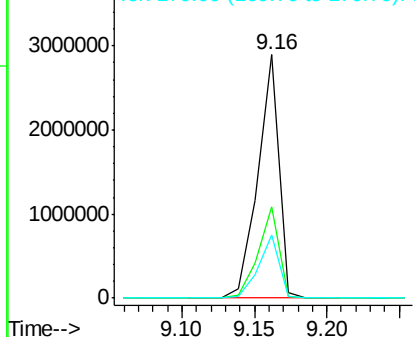


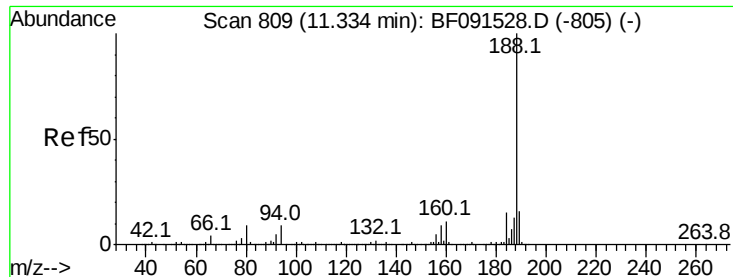
#44
 2-Fluorobiphenyl
 Concen: 71.59 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF091623.D
 Acq: 15 Dec 2016 11:17

Tgt Ion:172 Resp: 2917571
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.7 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

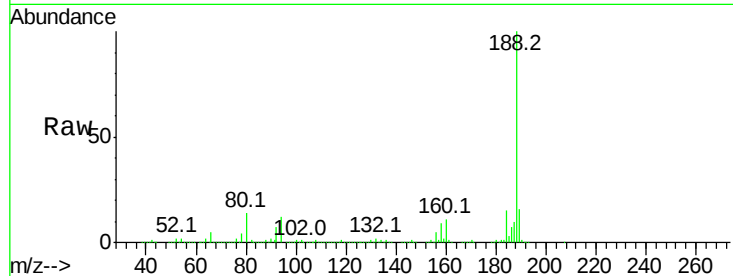




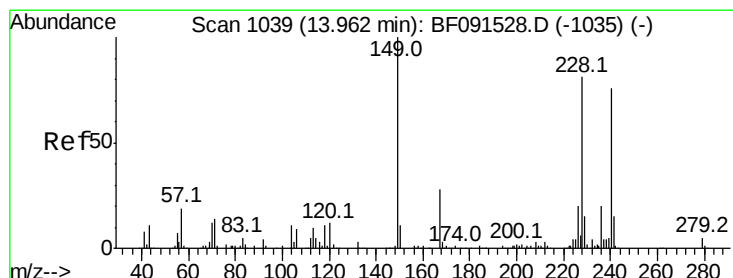
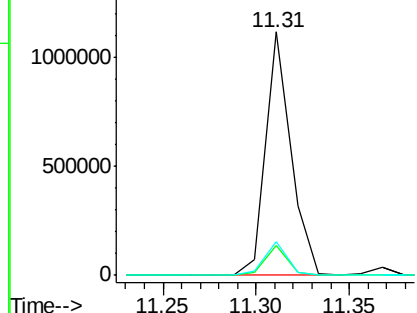
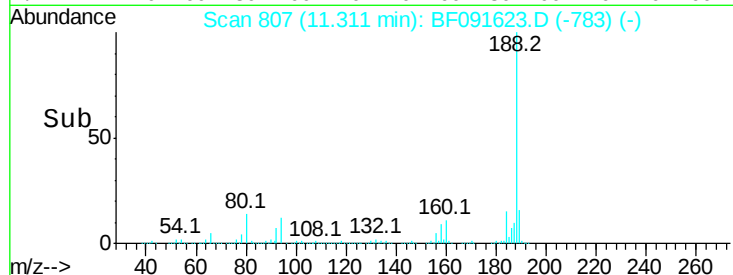
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091623.D
Acq: 15 Dec 2016 11:17

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:188 Resp: 1039965
Ion Ratio Lower Upper
188 100
94 12.4 9.2 13.8
80 13.8 10.5 15.7

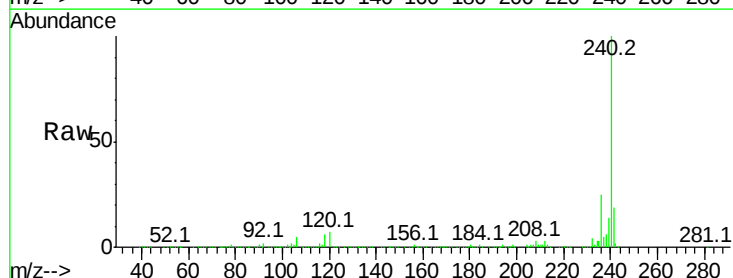


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

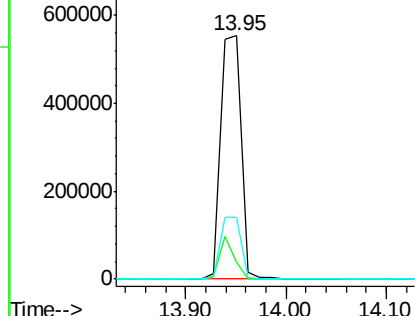
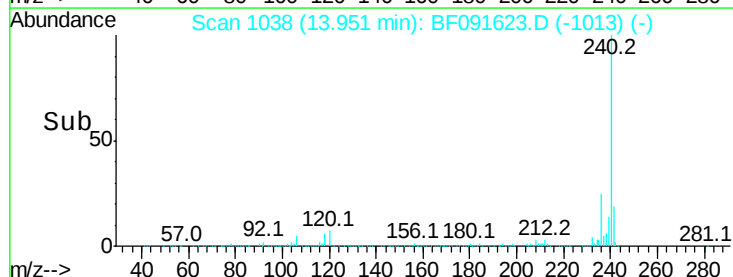


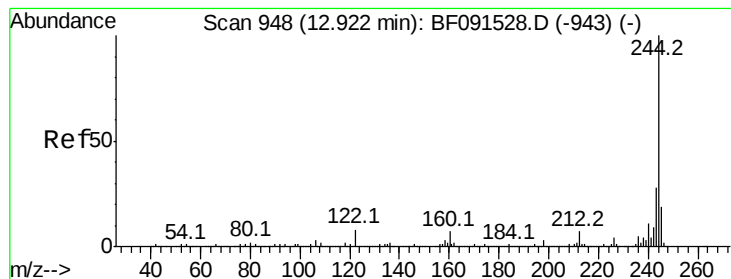
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091623.D
Acq: 15 Dec 2016 11:17

Tgt Ion:240 Resp: 782042
Ion Ratio Lower Upper
240 100
120 7.2 12.1 18.1#
236 25.3 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: 74.72 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091623.D

Acq: 15 Dec 2016 11:17

Instrument :

BNA_F

ClientSampled :

MW-13

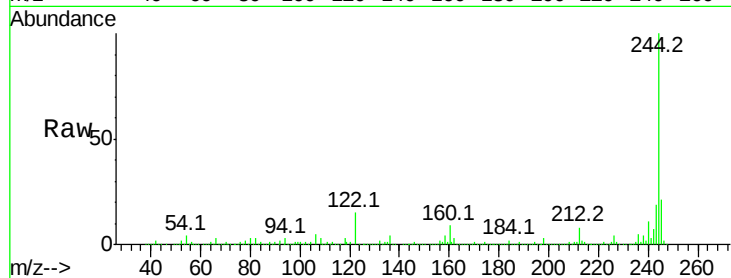
Tot Ion:244 Resp: 2575230

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

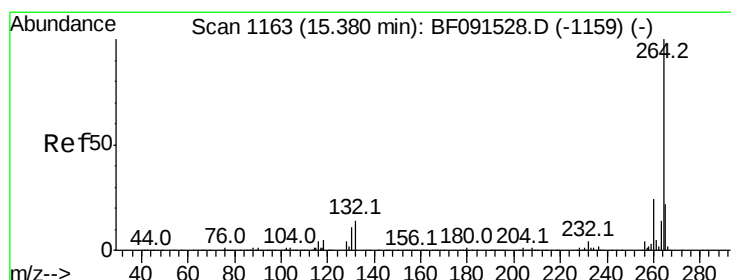
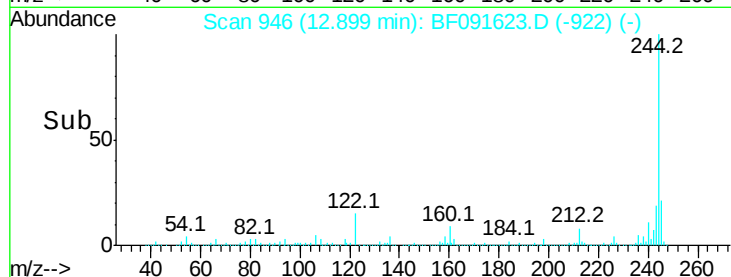
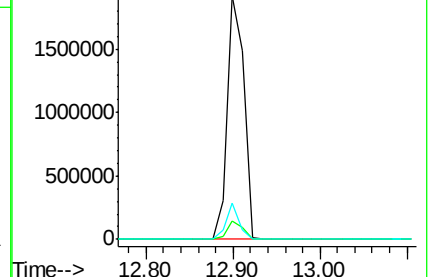
122 15.0 9.5 14.3#



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: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF091623.D

Acq: 15 Dec 2016 11:17

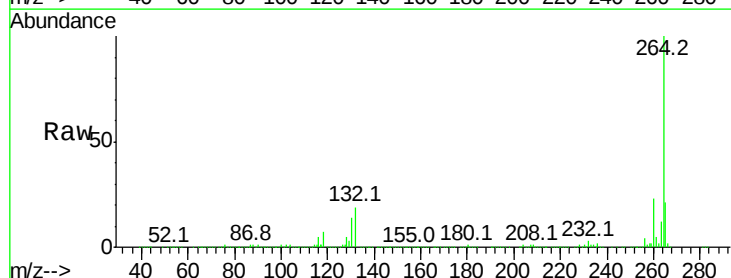
Tgt Ion:264 Resp: 626750

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.4 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

