

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091518.D
 Acq On : 8 Dec 2016 22:30
 Operator : UM/SJ
 Sample : H5886-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILL-FB-1-12-05-16

Quant Time: Dec 09 00:48:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 00:14:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	206529	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	693486	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	366230	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	725474	20.00	ng	0.00
75) Chrysene-d12	13.97	240	621024	20.00	ng	0.00
86) Perylene-d12	15.39	264	397261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	539405	42.67	ng	0.02
7) Phenol-d6	6.46	99	477895	30.71	ng	0.00
23) Nitrobenzene-d5	7.38	82	945117	76.38	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	327995	94.60	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1183574	58.52	ng	-0.01
78) Terphenyl-d14	12.93	244	1580959	55.33	ng	0.00

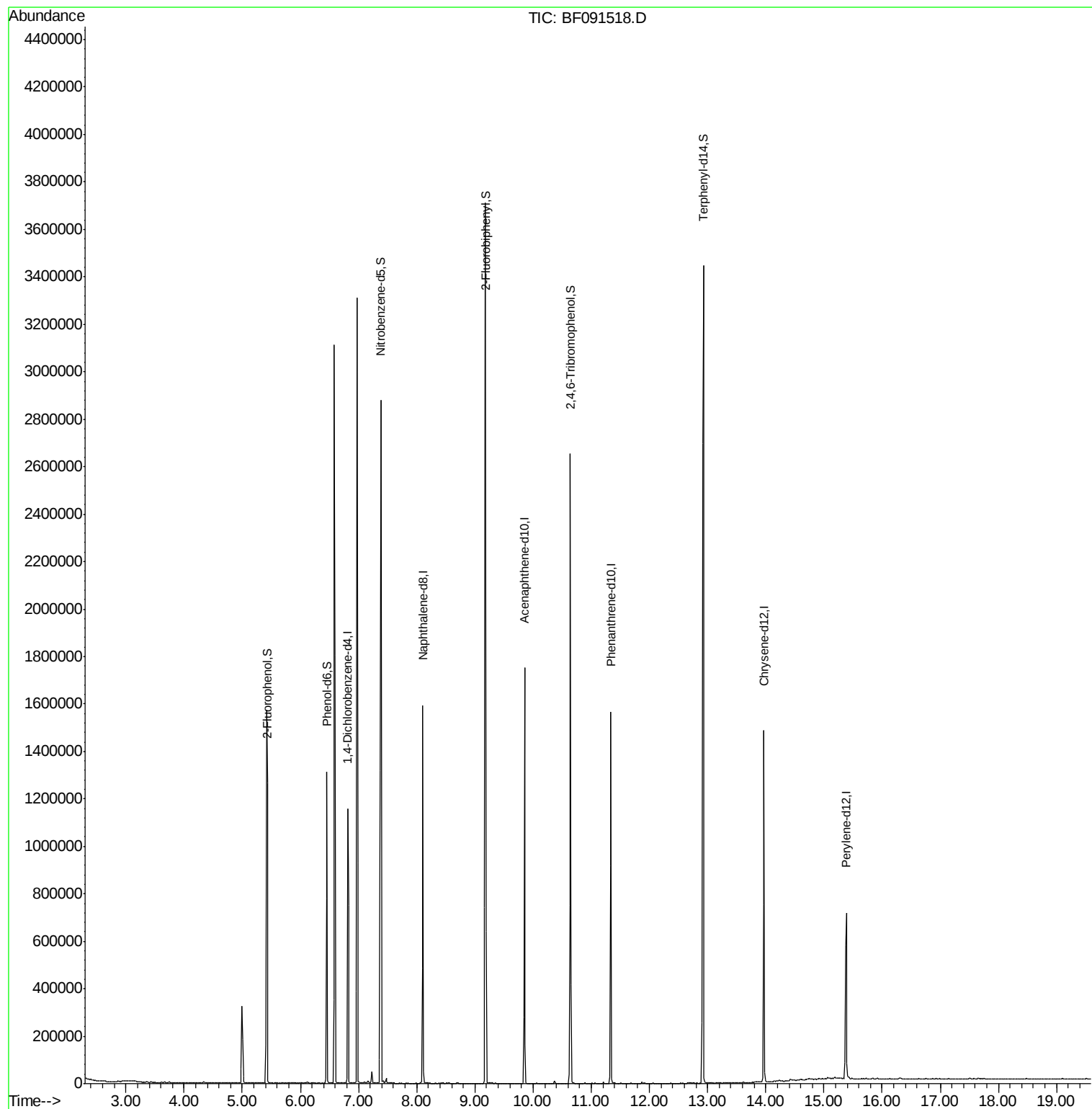
Target Compounds	Qvalue
------------------	--------

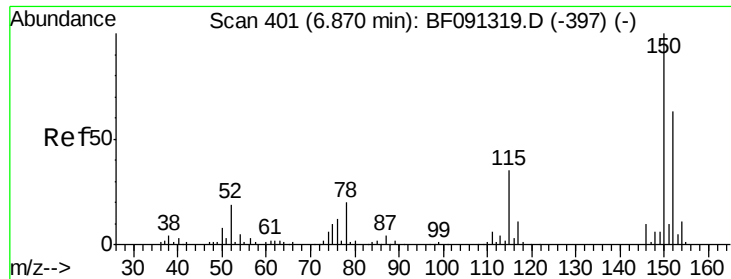
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091518.D
Acq On : 8 Dec 2016 22:30
Operator : UM/SJ
Sample : H5886-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Quant Time: Dec 09 00:48:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 00:14:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF091518.D

Acq: 8 Dec 2016 22:30

Instrument :

BNA_F

ClientSampleId :

MJQUILL-FB-1-12-05-16

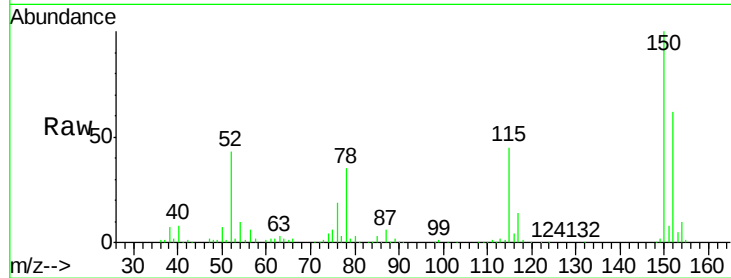
Tgt Ion:152 Resp: 206529

Ion Ratio Lower Upper

152 100

150 161.8 122.5 183.7

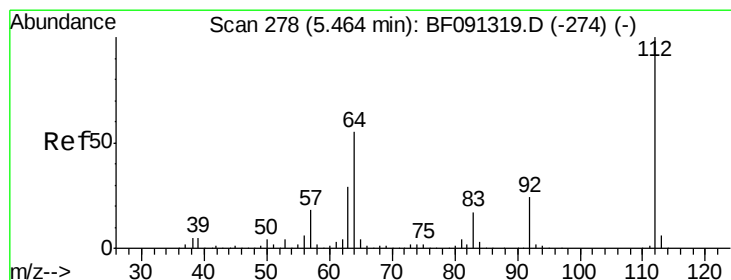
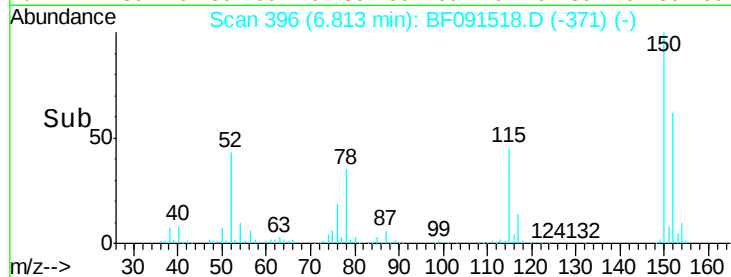
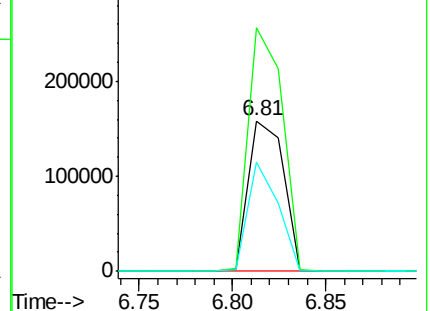
115 72.8 51.8 77.8



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: 42.67 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF091518.D

Acq: 8 Dec 2016 22:30

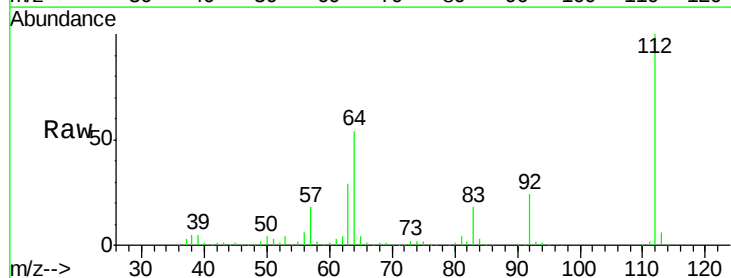
Tgt Ion:112 Resp: 539405

Ion Ratio Lower Upper

112 100

64 53.8 61.5 92.3#

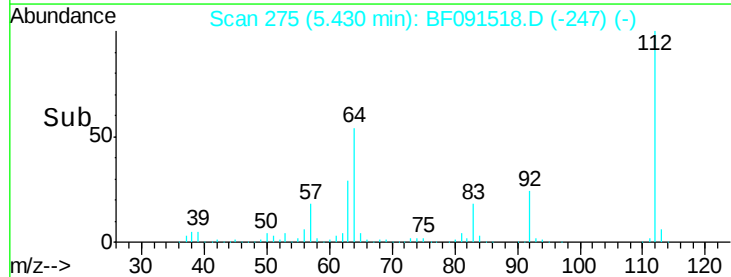
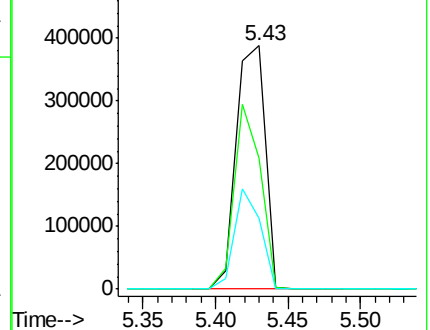
63 29.1 33.3 49.9#

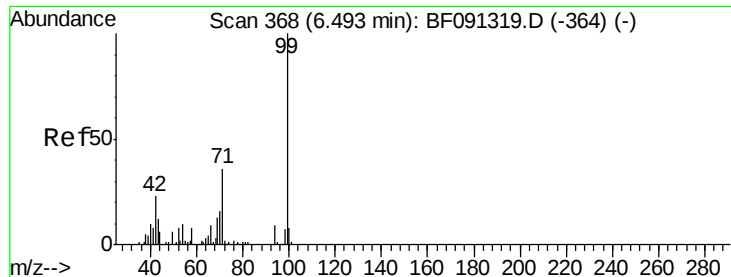


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.71 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF091518.D

Acq: 8 Dec 2016 22:30

Instrument :

BNA_F

ClientSampleId :

MJQUILL-FB-1-12-05-16

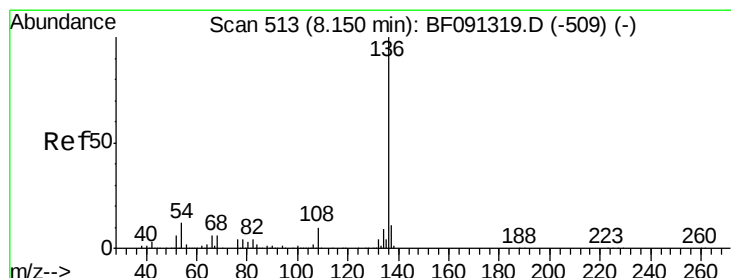
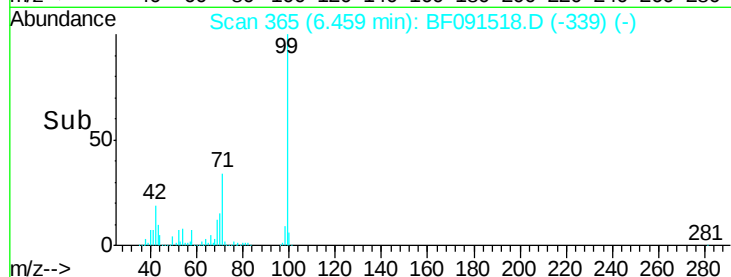
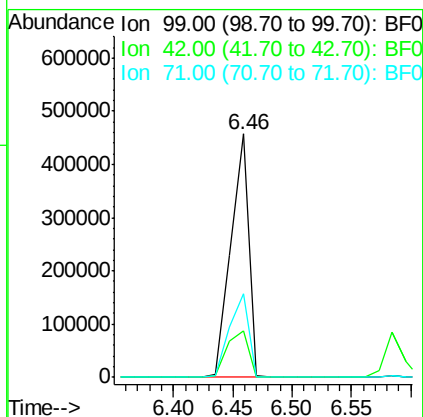
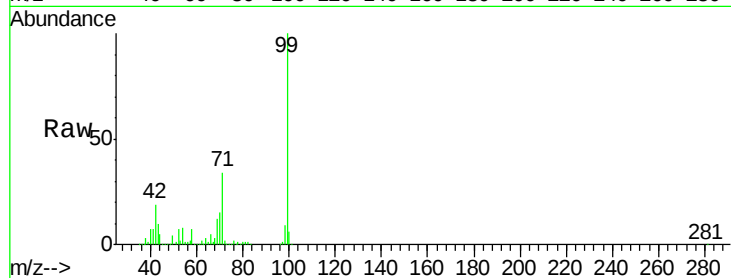
Tgt Ion: 99 Resp: 477895

Ion Ratio Lower Upper

99 100

42 19.1 20.6 31.0#

71 34.4 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091518.D

Acq: 8 Dec 2016 22:30

Tgt Ion: 136 Resp: 693486

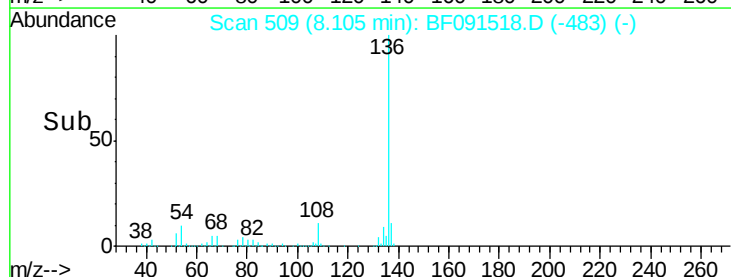
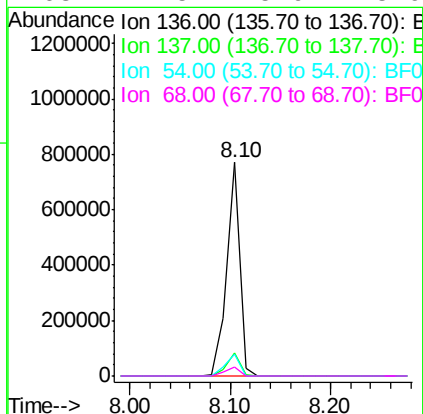
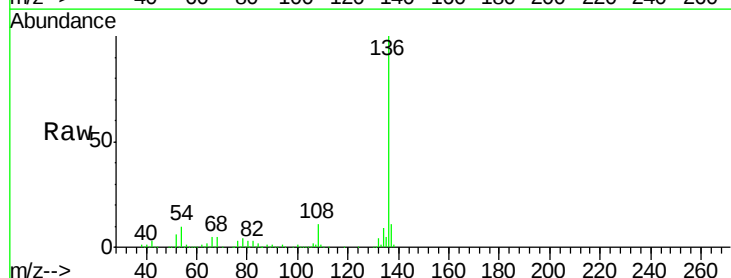
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.3 9.1 13.7

68 4.5 5.9 8.9#

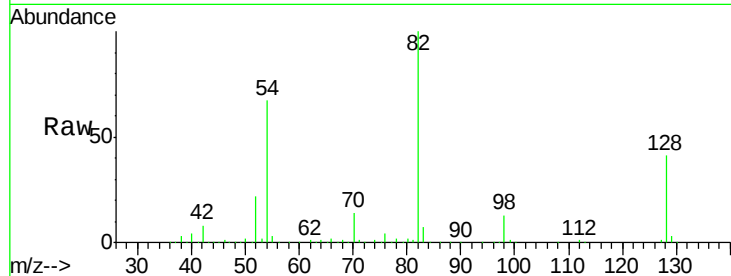




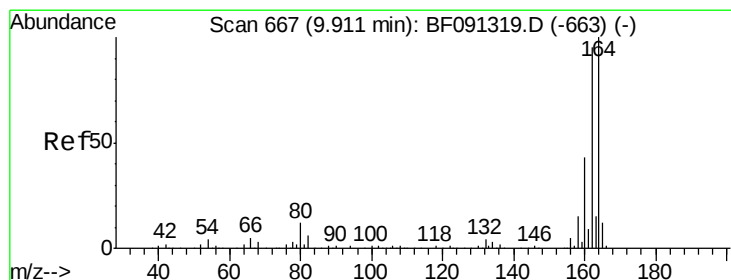
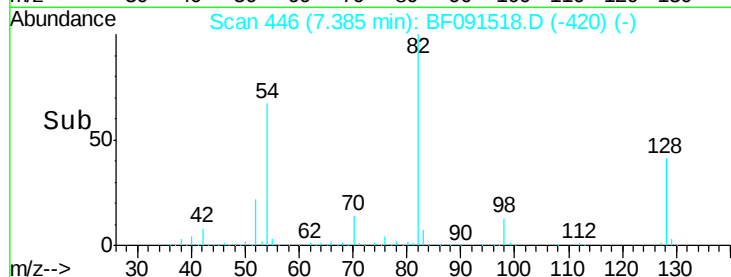
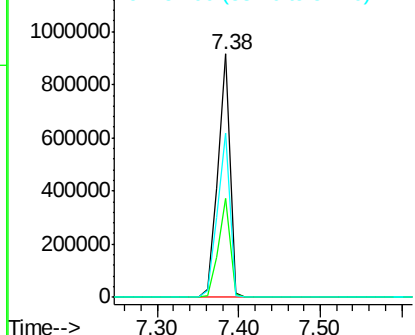
#23
 Nitrobenzene-d5
 Concen: 76.38 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF091518.D
 Acq: 8 Dec 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILL-FB-1-12-05-16

Tgt Ion: 82 Resp: 945117
 Ion Ratio Lower Upper
 82 100
 128 40.8 31.8 47.6
 54 67.5 49.1 73.7

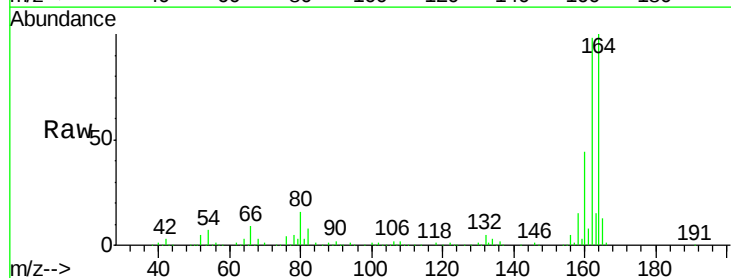


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

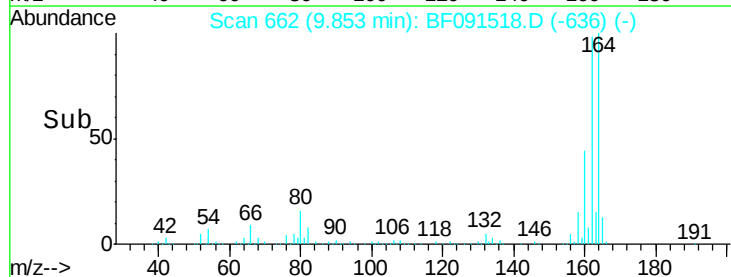
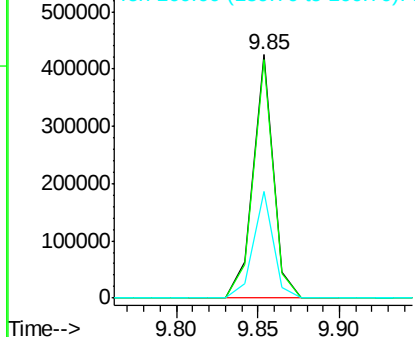


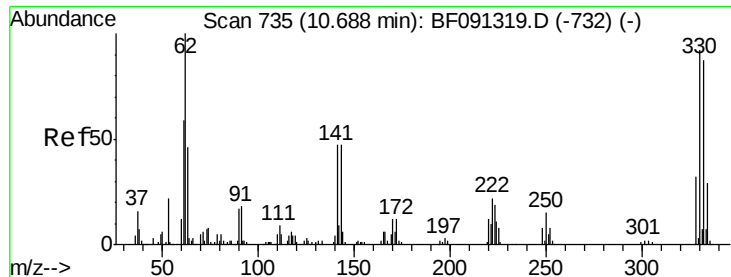
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091518.D
 Acq: 8 Dec 2016 22:30

Tgt Ion: 164 Resp: 366230
 Ion Ratio Lower Upper
 164 100
 162 98.2 82.6 124.0
 160 43.9 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

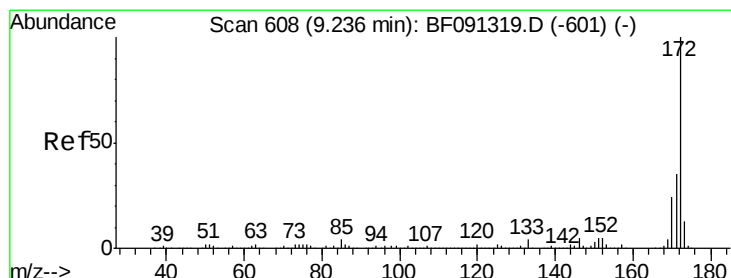
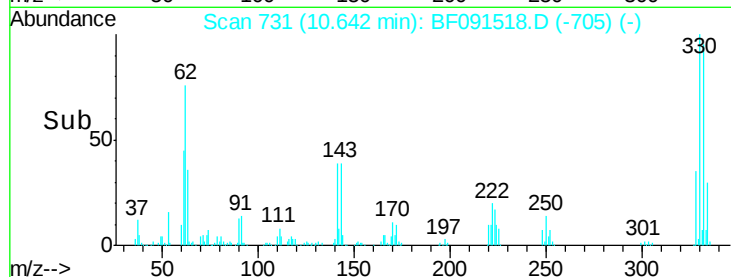
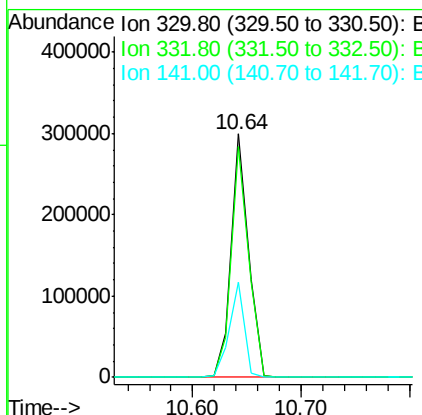
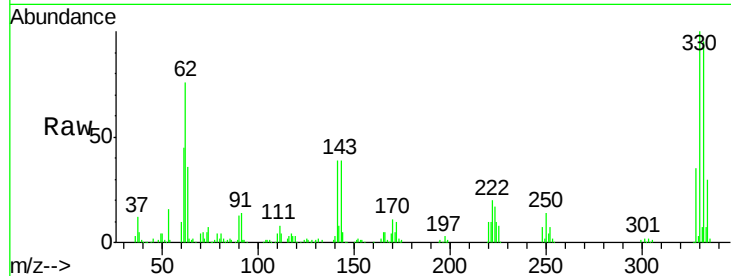




#41
 2,4,6-Tribromophenol
 Concen: 94.60 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091518.D
 Acq: 8 Dec 2016 22:30

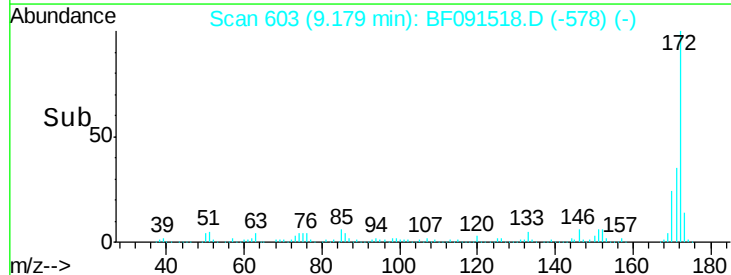
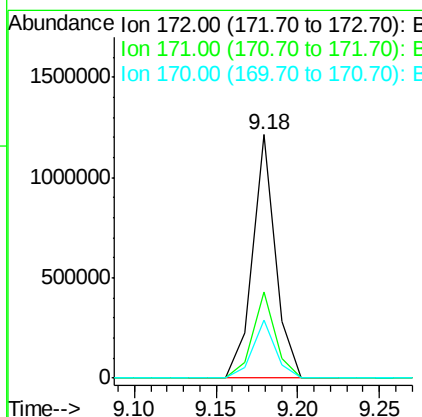
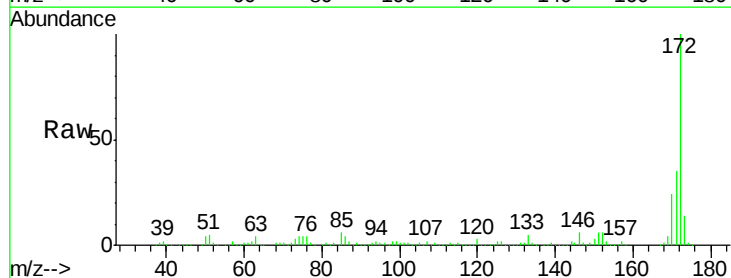
Instrument :
 BNA_F
 ClientSampleId :
 MJQUILL-FB-1-12-05-16

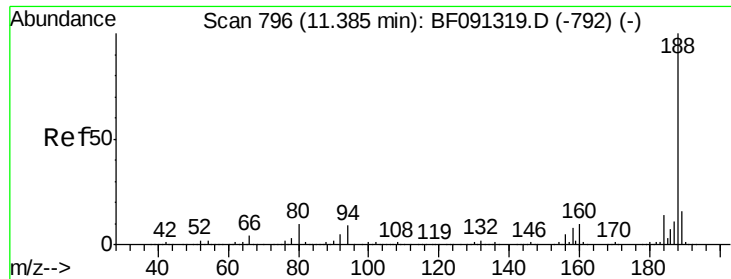
Tgt Ion:330 Resp: 327995
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.2 114.4
 141 33.5 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 58.52 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091518.D
 Acq: 8 Dec 2016 22:30

Tgt Ion:172 Resp: 1183574
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.8 19.7 29.5

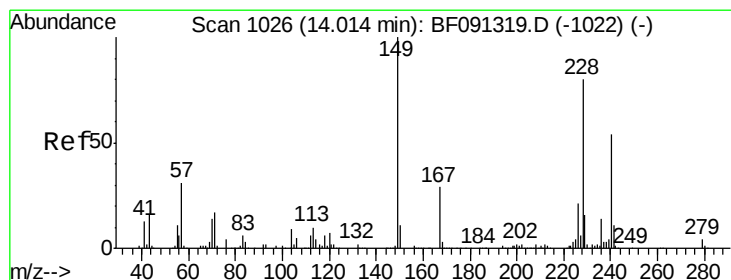
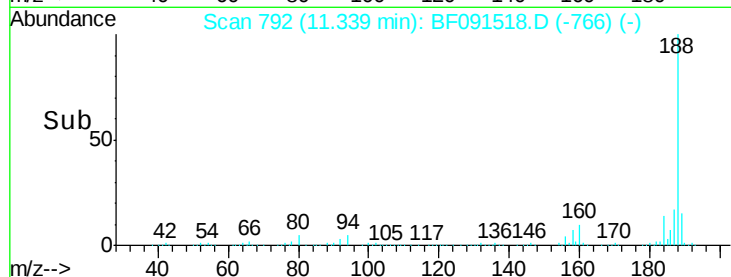
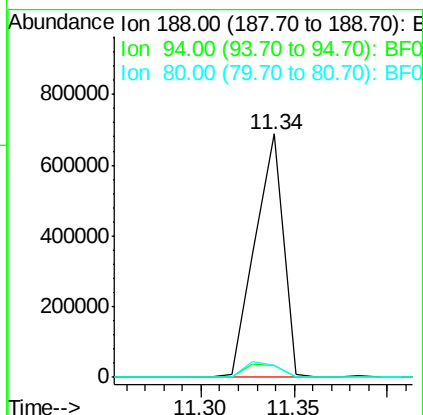
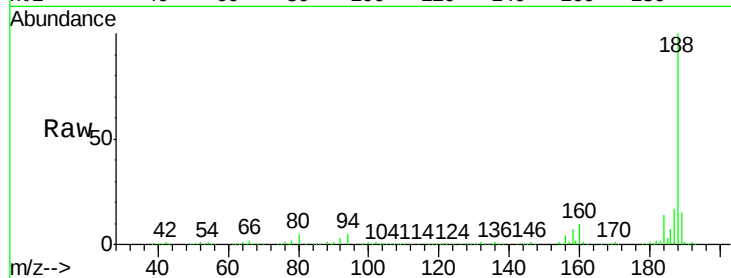




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

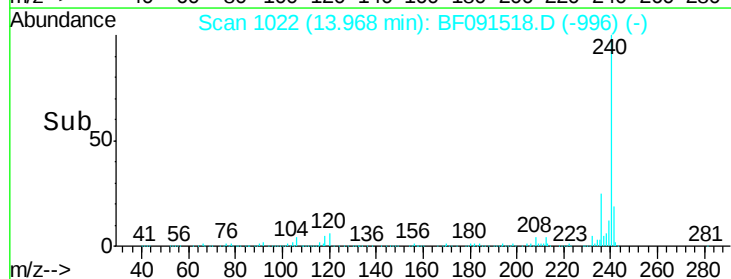
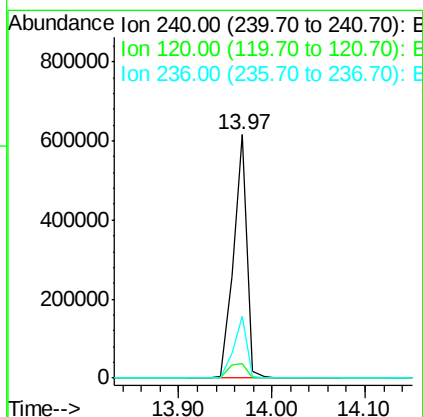
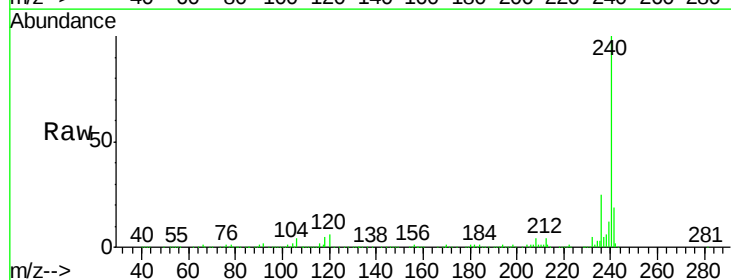
Instrument :
BNA_F
ClientSampleId :
MJQUILL-FB-1-12-05-16

Tgt Ion:188 Resp: 725474
Ion Ratio Lower Upper
188 100
94 5.1 9.2 13.8#
80 5.1 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091518.D
Acq: 8 Dec 2016 22:30

Tgt Ion:240 Resp: 621024
Ion Ratio Lower Upper
240 100
120 5.9 12.1 18.1#
236 25.2 21.0 31.6

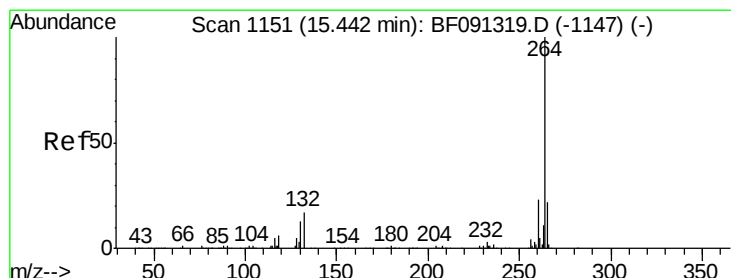
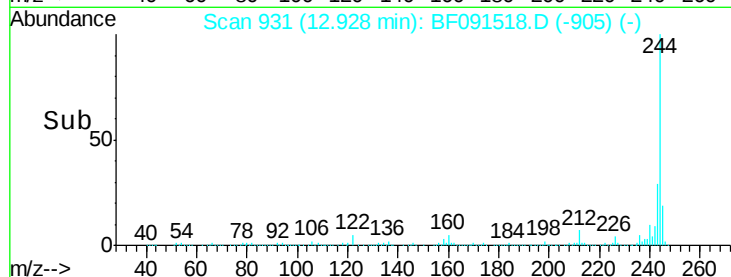
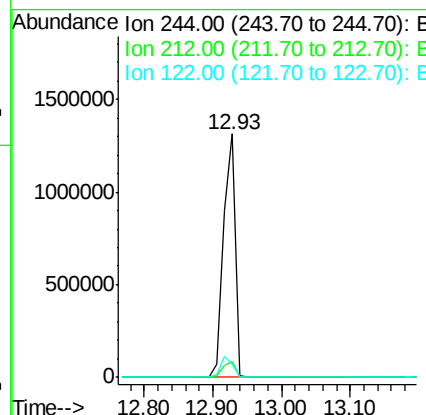
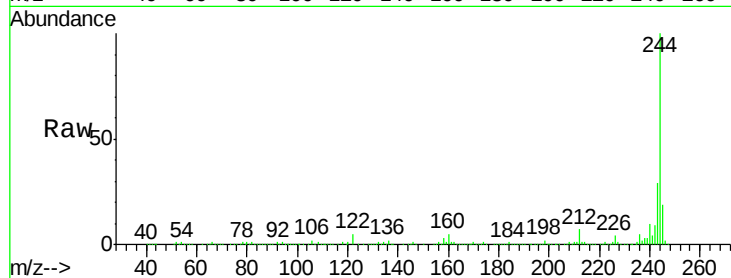




#78
 Terphenyl-d14
 Concen: 55.33 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF091518.D
 Acq: 8 Dec 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 MJQUILL-FB-1-12-05-16

Tgt Ion:244 Resp: 1580959
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.5 9.7
 122 5.4 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF091518.D
 Acq: 8 Dec 2016 22:30

Tgt Ion:264 Resp: 397261
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.6 17.0 25.6

