

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091521.D
 Acq On : 8 Dec 2016 23:53
 Operator : UM/SJ
 Sample : H5917-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Quant Time: Dec 09 00:56:05 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	183104	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	616729	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	353977	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	659323	20.00	ng	0.00
75) Chrysene-d12	13.97	240	506848	20.00	ng	0.00
86) Perylene-d12	15.39	264	354585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	348439	31.09	ng	0.01
7) Phenol-d6	6.45	99	286440	20.76	ng	-0.01
23) Nitrobenzene-d5	7.38	82	652735	59.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	329922	98.45	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1158774	59.27	ng	-0.01
78) Terphenyl-d14	12.93	244	1455181	62.40	ng	0.00

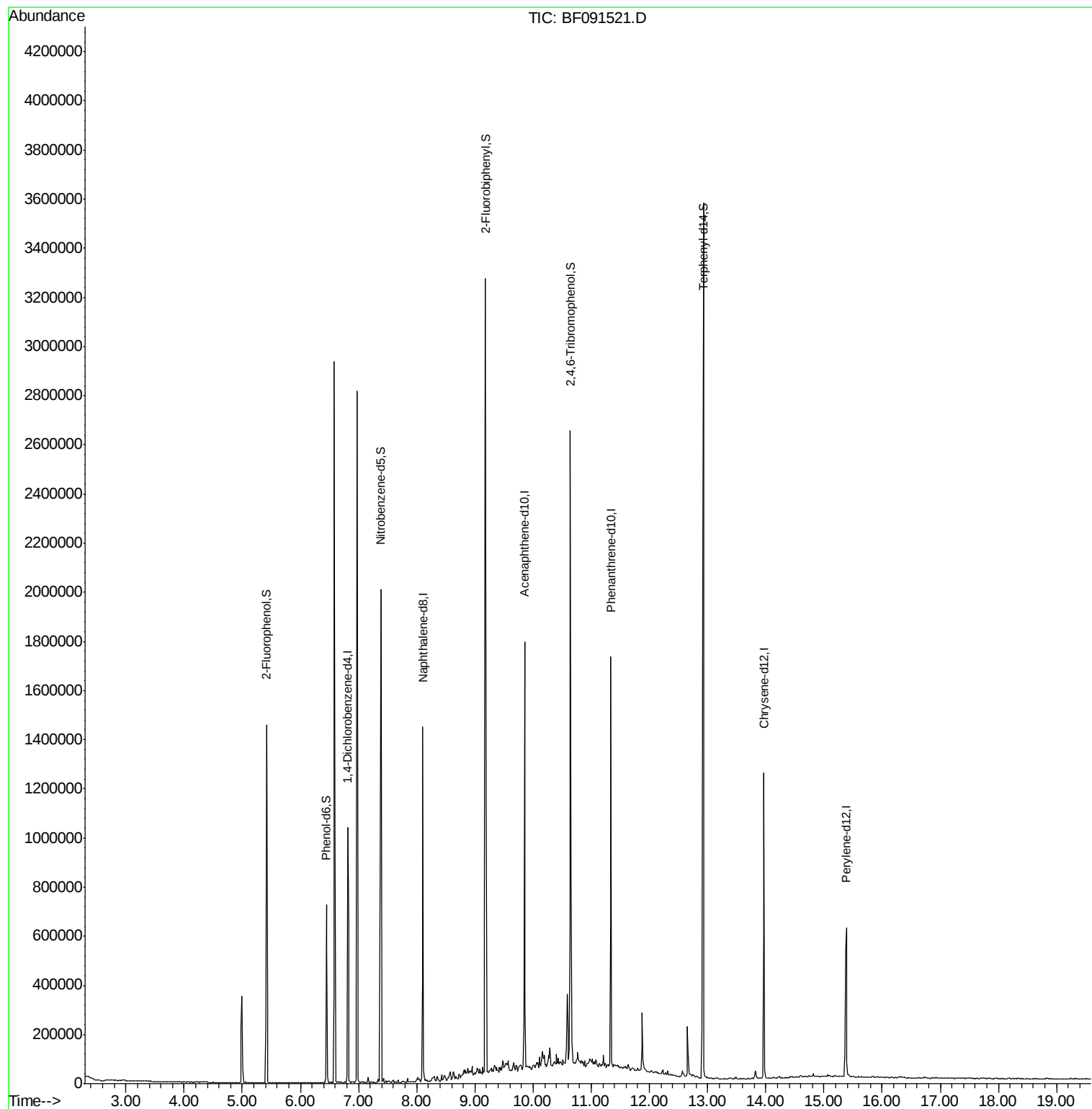
Target Compounds	Qvalue
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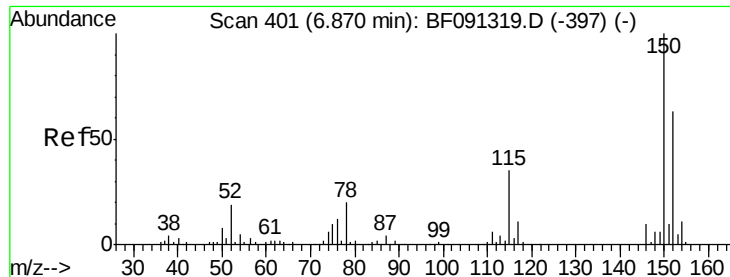
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

URSMW-12

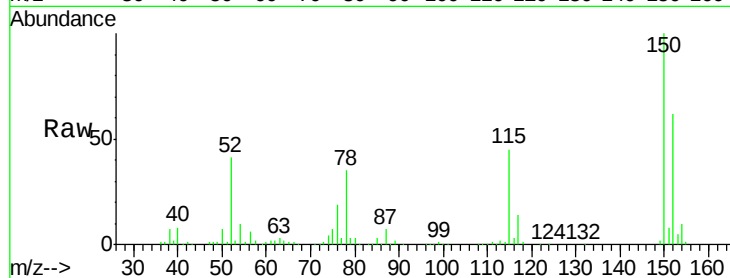
Tgt Ion:152 Resp: 183104

Ion Ratio Lower Upper

152 100

150 161.6 122.5 183.7

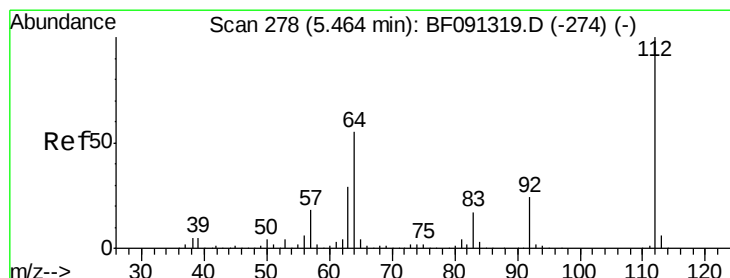
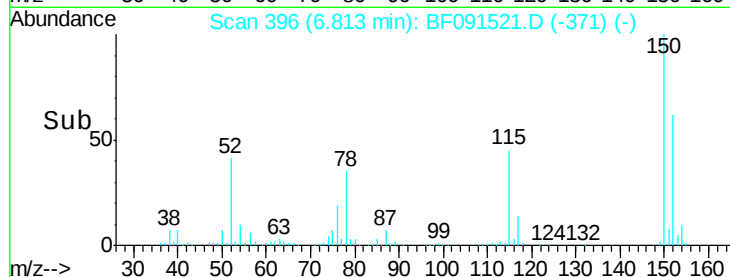
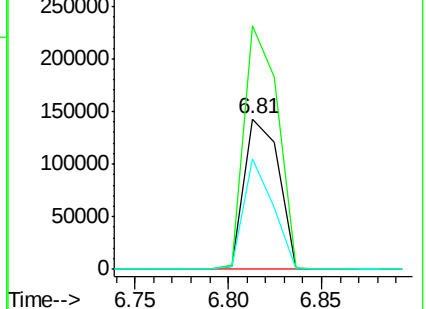
115 73.2 51.8 77.8



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: 31.09 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

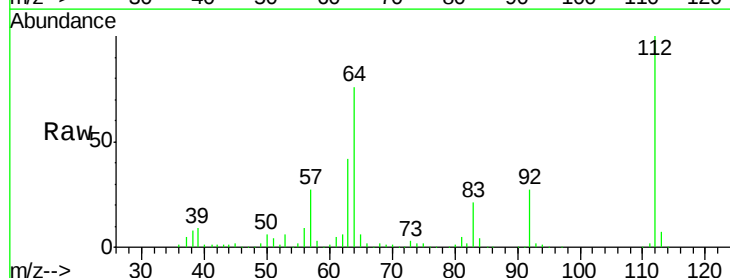
Tgt Ion:112 Resp: 348439

Ion Ratio Lower Upper

112 100

64 76.3 61.5 92.3

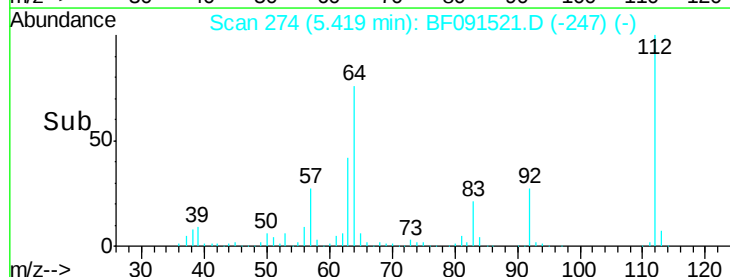
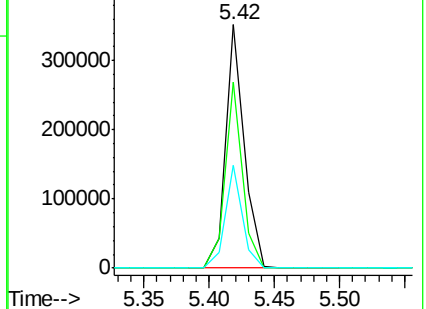
63 42.0 33.3 49.9

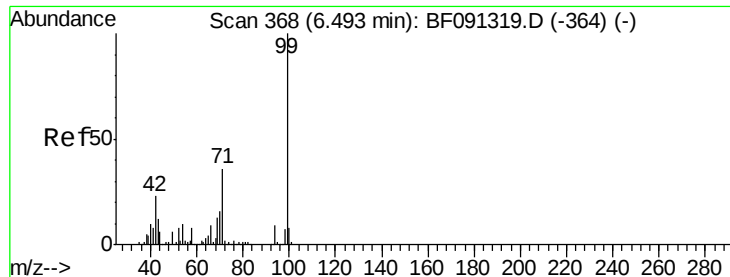


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.76 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF091521.D

Acq: 8 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

URSMW-12

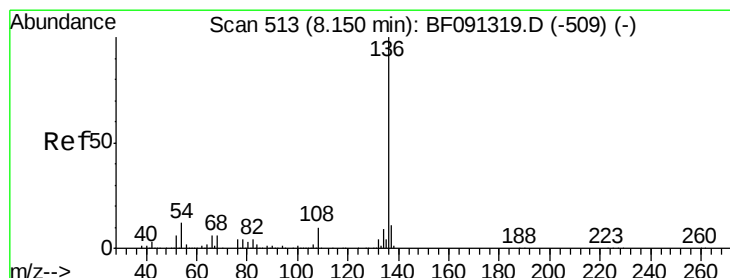
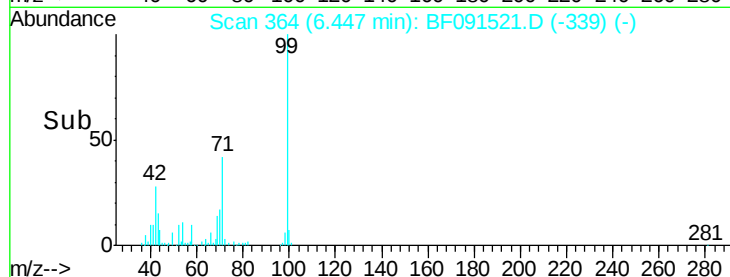
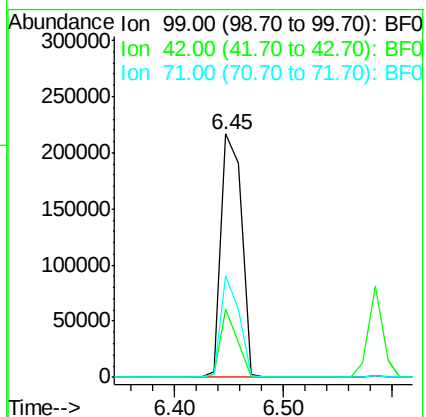
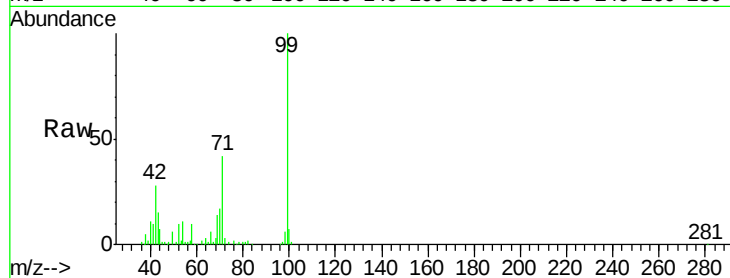
Tgt Ion: 99 Resp: 286440

Ion Ratio Lower Upper

99 100

42 28.1 20.6 31.0

71 41.7 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: BF091521.D

Acq: 8 Dec 2016 23:53

Tgt Ion: 136 Resp: 616729

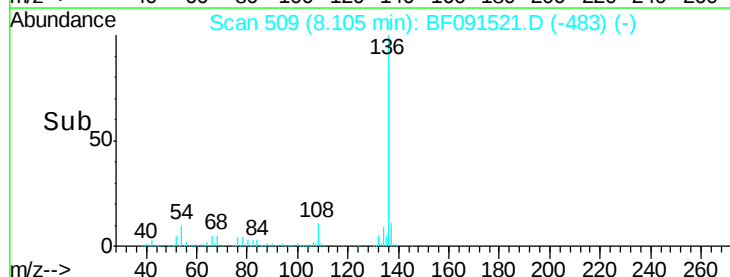
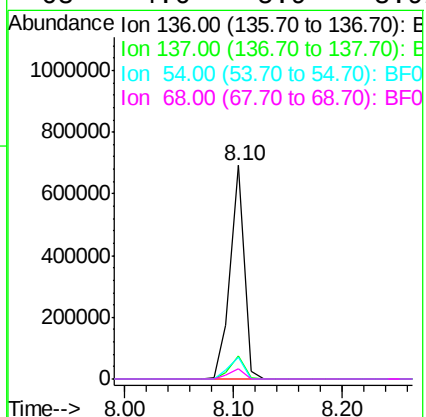
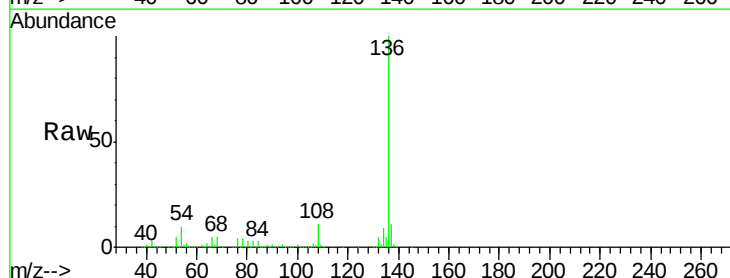
Ion Ratio Lower Upper

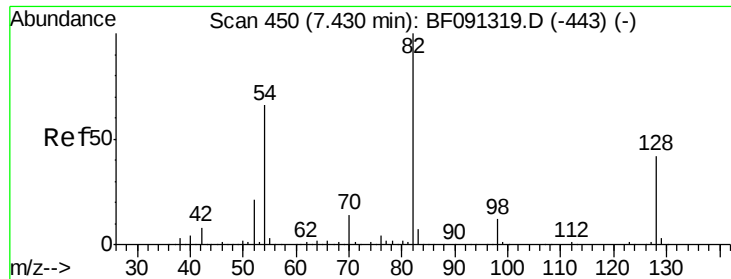
136 100

137 11.0 9.1 13.7

54 10.2 9.1 13.7

68 4.6 5.9 8.9#

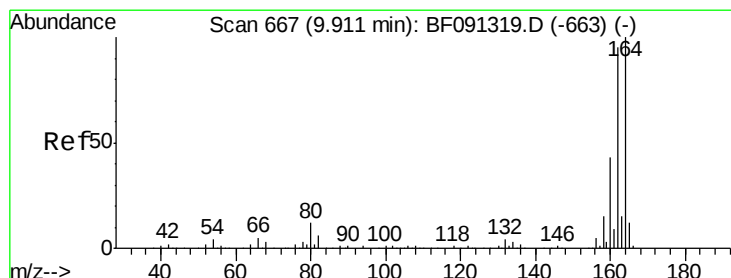
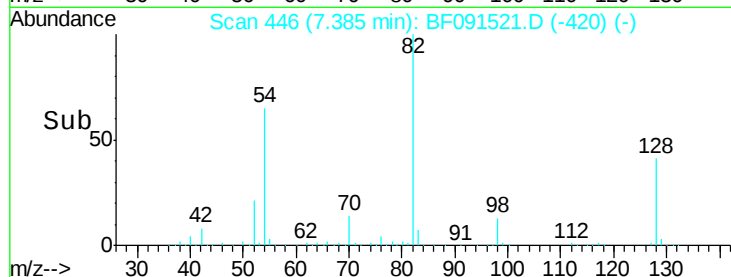
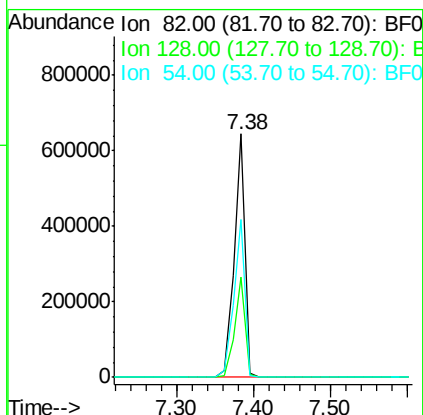
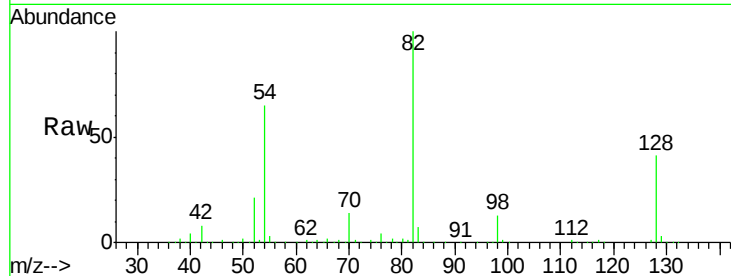




#23
 Nitrobenzene-d5
 Concen: 59.31 ng
 RT: 7.38 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

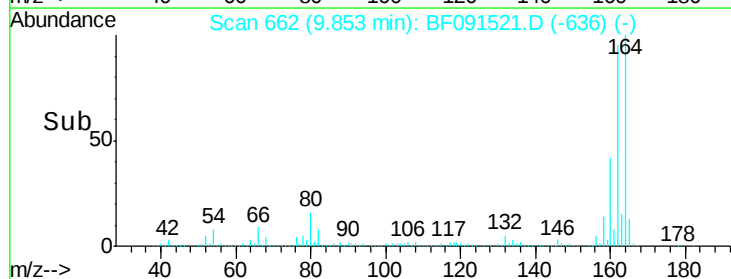
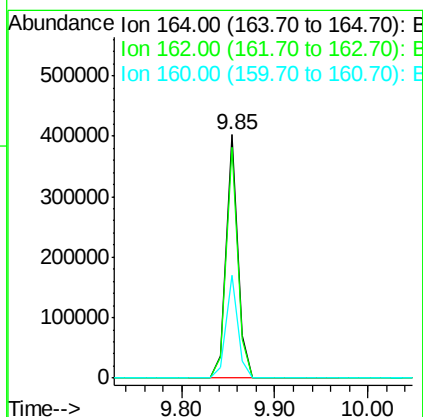
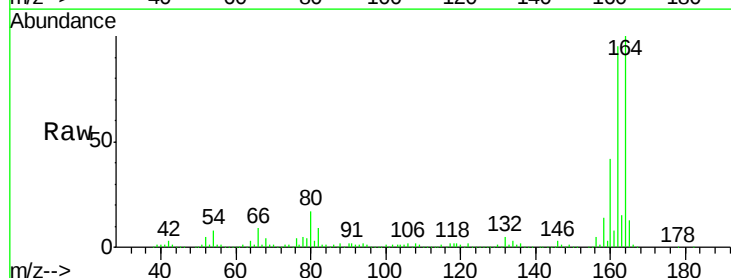
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

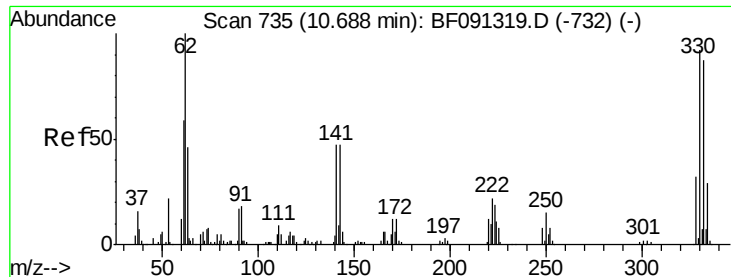
Tgt Ion: 82 Resp: 652735
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.6
 54 64.9 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

Tgt Ion: 164 Resp: 353977
 Ion Ratio Lower Upper
 164 100
 162 94.7 82.6 124.0
 160 42.4 36.7 55.1

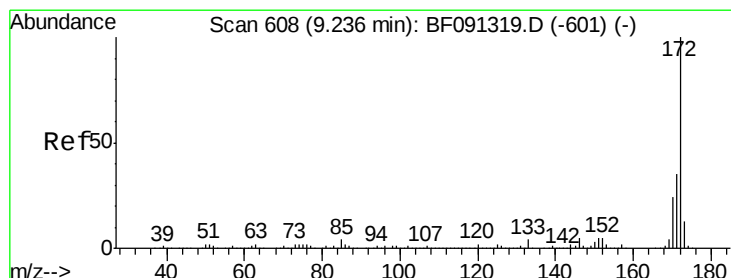
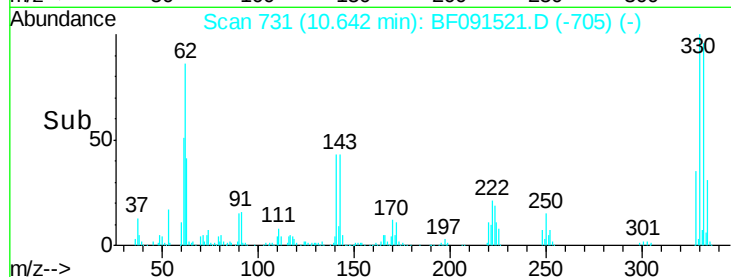
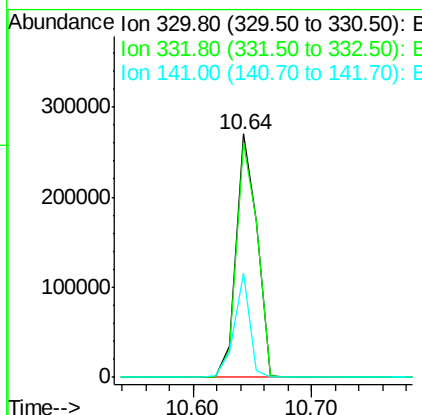
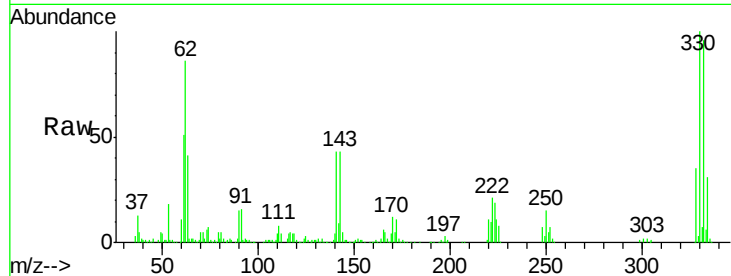




#41
 2,4,6-Tribromophenol
 Concen: 98.45 ng
 RT: 10.64 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

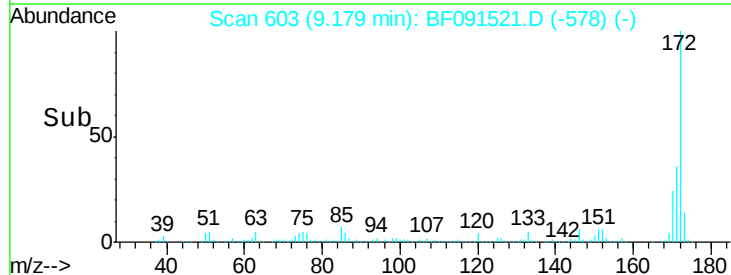
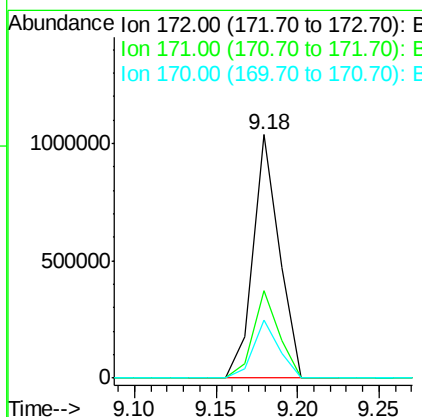
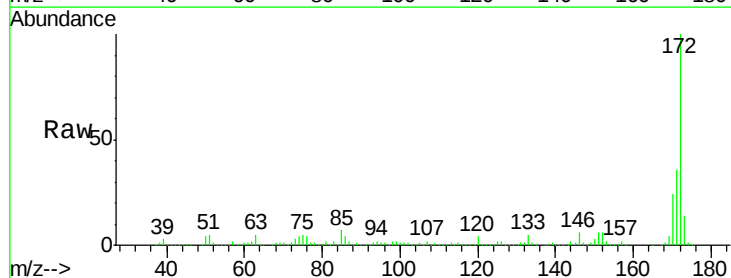
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

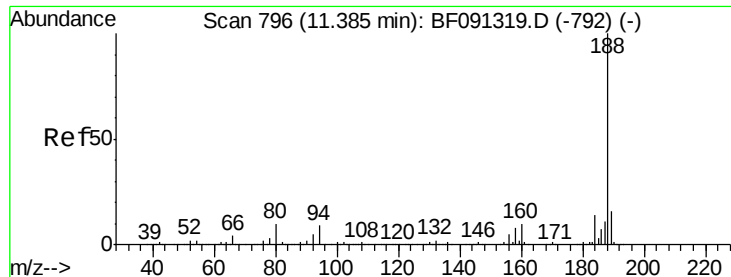
Tgt Ion:330 Resp: 329922
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 31.7 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 59.27 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

Tgt Ion:172 Resp: 1158774
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.9 19.7 29.5

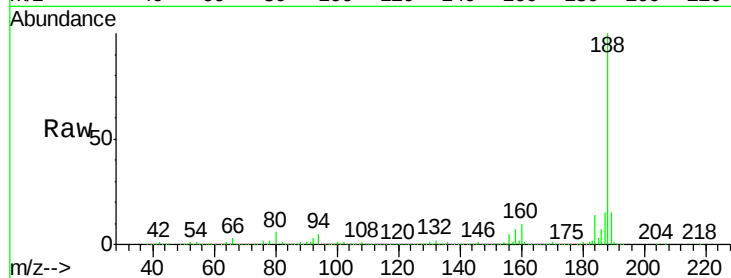




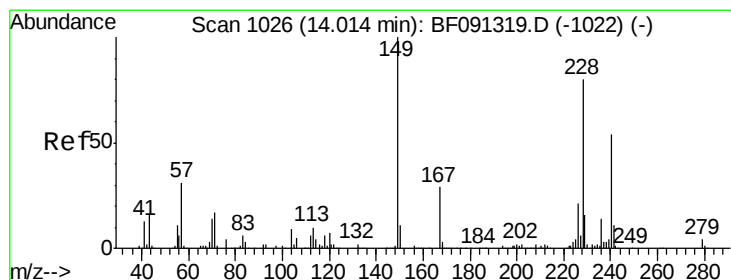
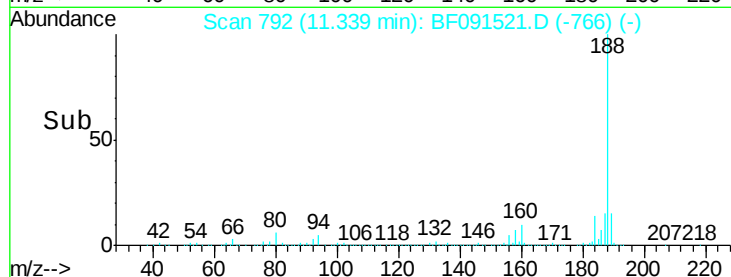
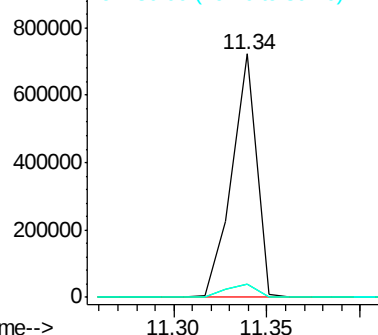
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF091521.D
Acq: 8 Dec 2016 23:53

Instrument :
BNA_F
ClientSampleId :
URSMW-12

Tgt Ion:188 Resp: 659323
Ion Ratio Lower Upper
188 100
94 5.3 9.2 13.8#
80 5.6 10.5 15.7#

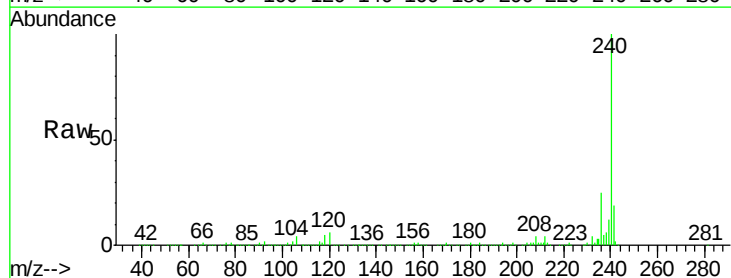


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

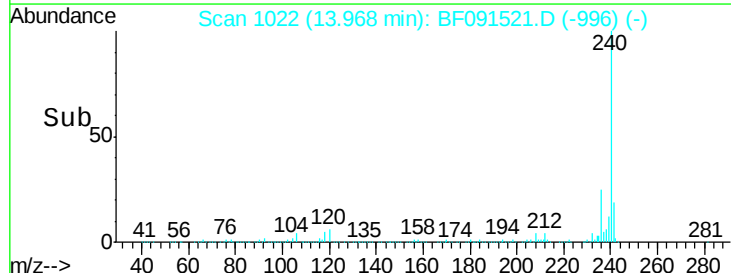
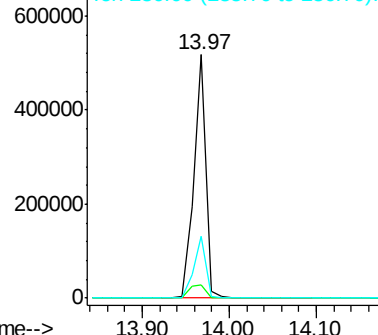


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF091521.D
Acq: 8 Dec 2016 23:53

Tgt Ion:240 Resp: 506848
Ion Ratio Lower Upper
240 100
120 5.6 12.1 18.1#
236 25.4 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

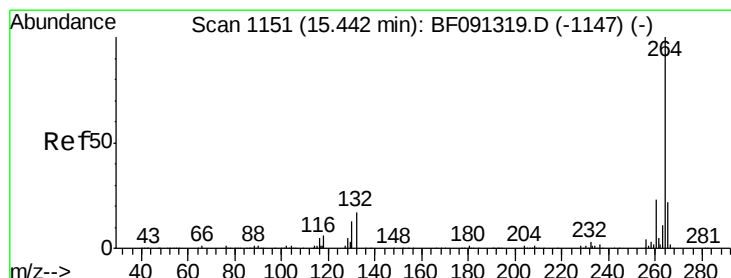
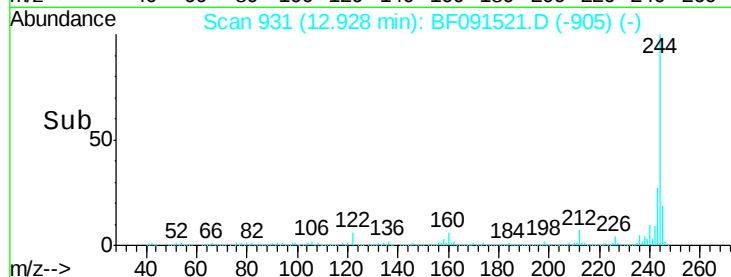
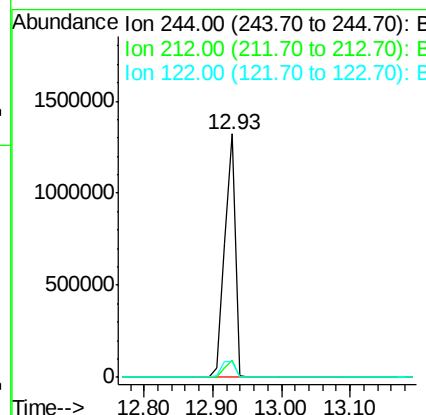
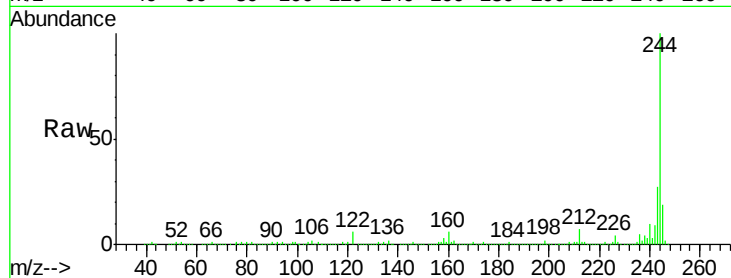




#78
 Terphenyl-d14
 Concen: 62.40 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF091521.D
 Acq: 8 Dec 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Tgt Ion:244 Resp: 1455181
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 6.2 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: BF091521.D
 Acq: 8 Dec 2016 23:53

Tgt Ion:264 Resp: 354585
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.2 17.0 25.6

