

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091520.D
 Acq On : 8 Dec 2016 23:25
 Operator : UM/SJ
 Sample : H5917-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Quant Time: Dec 09 00:52:36 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	143816	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	823955	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	456824	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	874103	20.00	ng	0.00
75) Chrysene-d12	13.97	240	793712	20.00	ng	0.00
86) Perylene-d12	15.39	264	559930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	319031	36.24	ng	0.01
7) Phenol-d6	6.45	99	226327	20.88	ng	-0.01
23) Nitrobenzene-d5	7.38	82	615308	41.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	407102	94.13	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1409840	55.88	ng	-0.01
78) Terphenyl-d14	12.93	244	1870859	51.23	ng	0.00

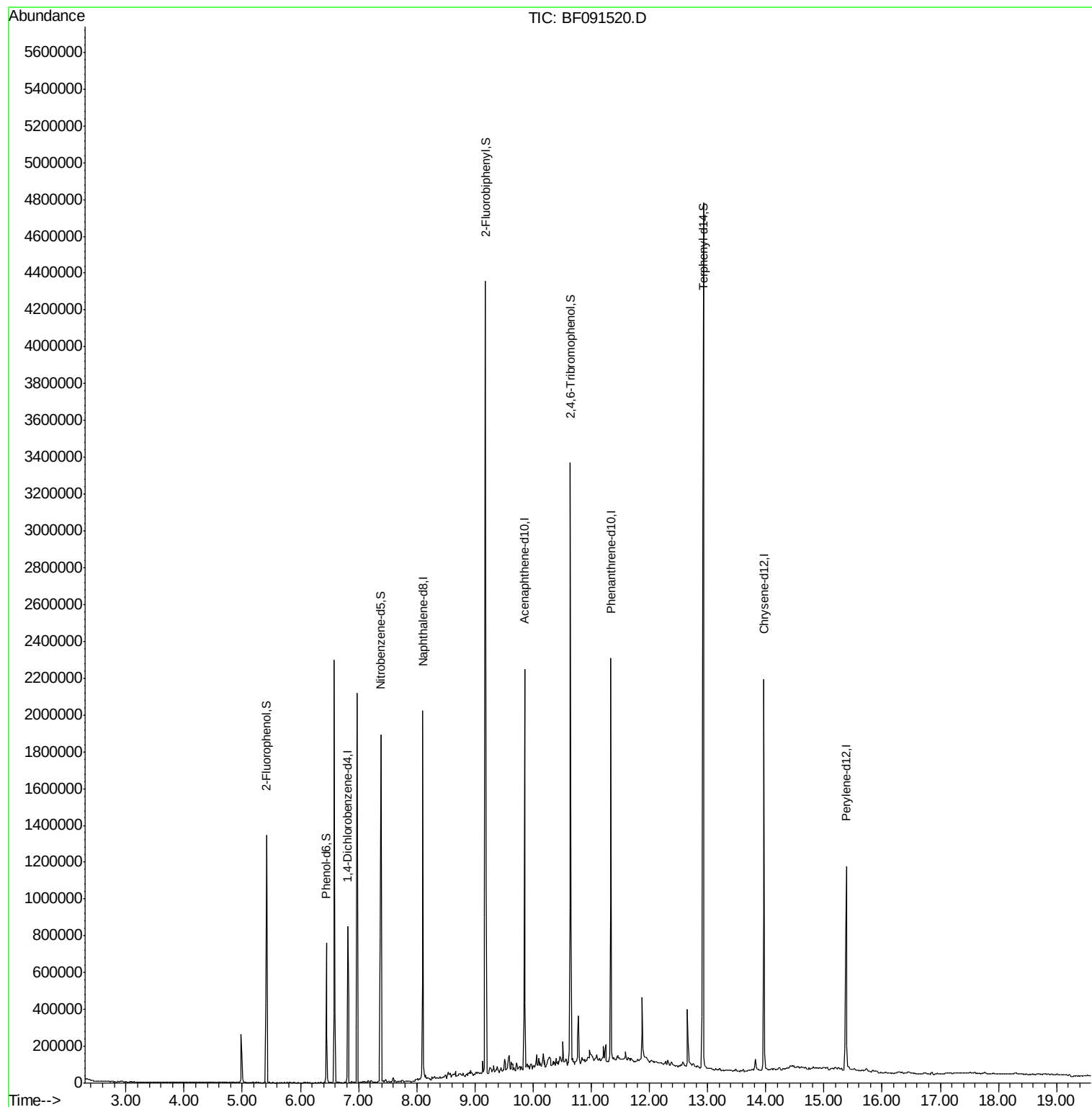
Target Compounds	Qvalue
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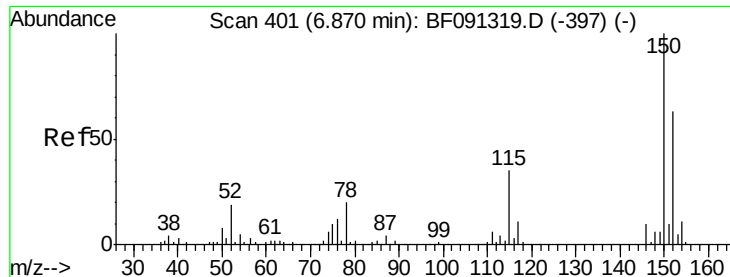
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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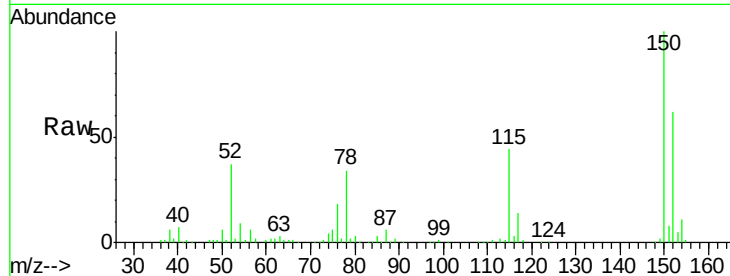


#1

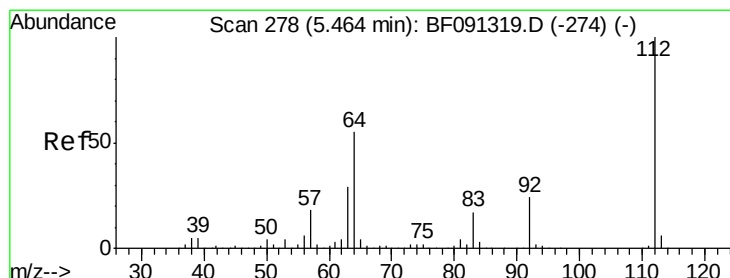
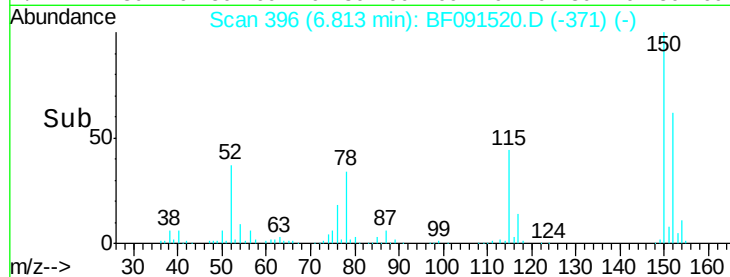
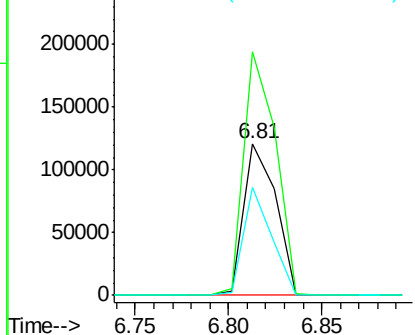
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion:152 Resp: 143816
 Ion Ratio Lower Upper
 152 100
 150 160.3 122.5 183.7
 115 70.9 51.8 77.8



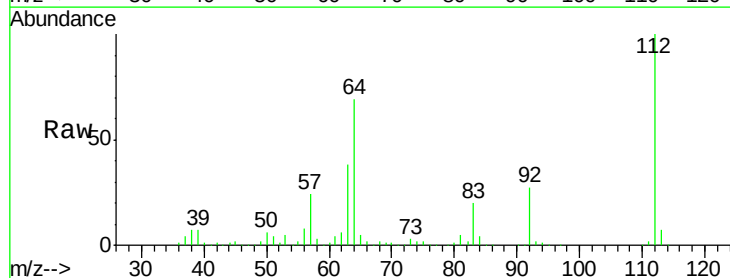
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



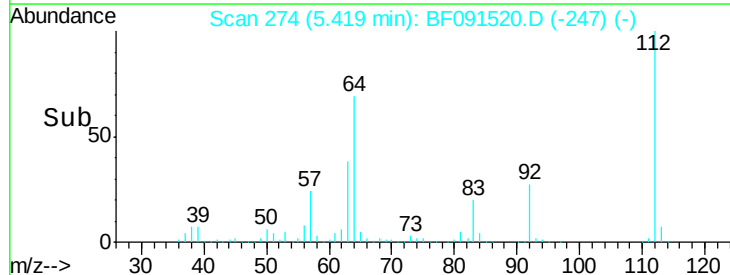
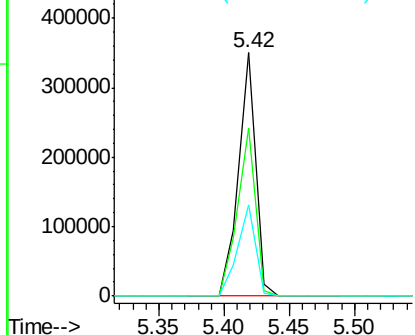
#5

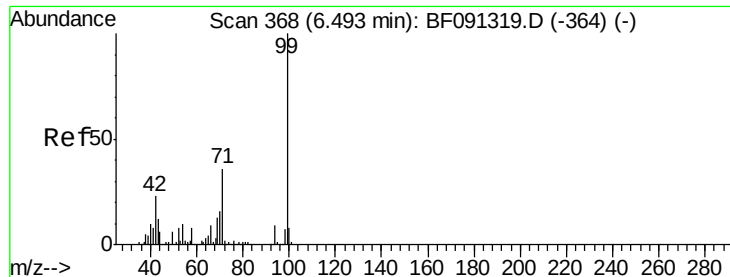
2-Fluorophenol
 Concen: 36.24 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Tgt Ion:112 Resp: 319031
 Ion Ratio Lower Upper
 112 100
 64 68.9 61.5 92.3
 63 37.7 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: 20.88 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

Instrument :

BNA_F

ClientSampleId :

URSMW-09

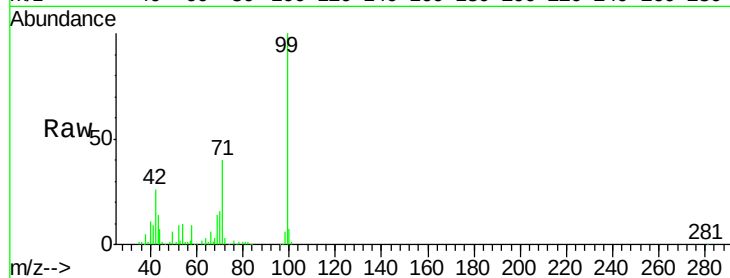
Tgt Ion: 99 Resp: 226327

Ion Ratio Lower Upper

99 100

42 25.9 20.6 31.0

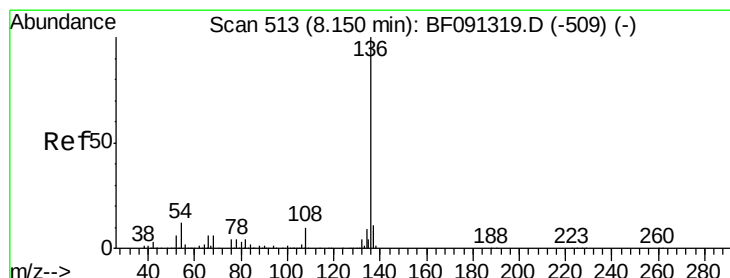
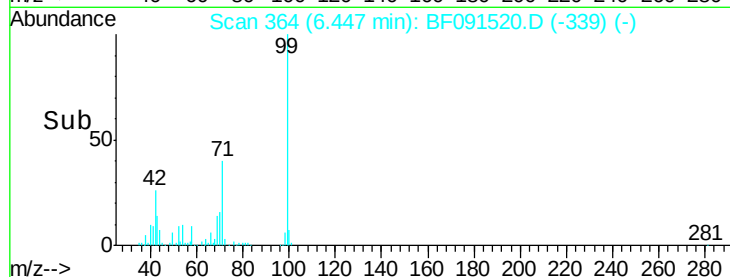
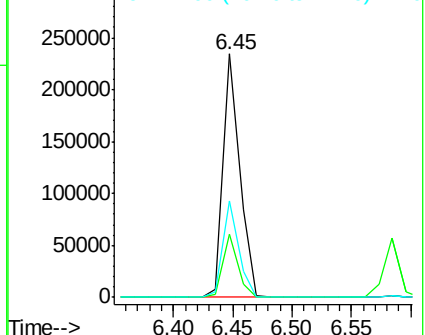
71 39.7 29.9 44.9



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: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

Tgt Ion: 136 Resp: 823955

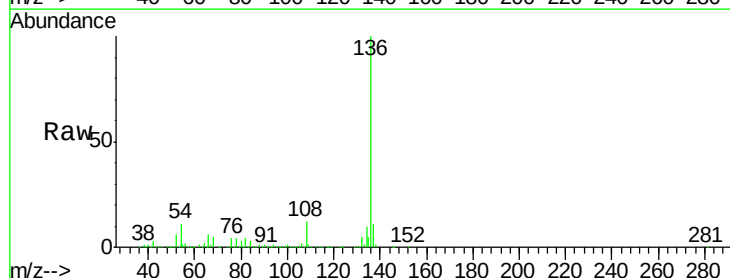
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.1 9.1 13.7

68 5.1 5.9 8.9#

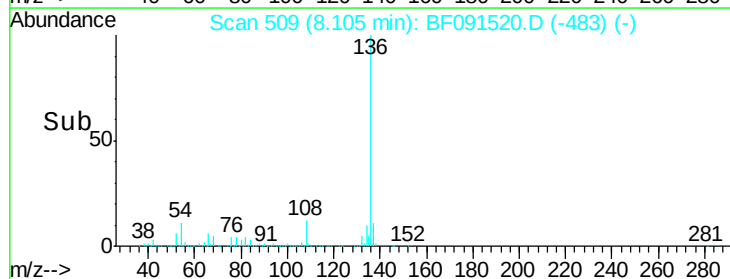
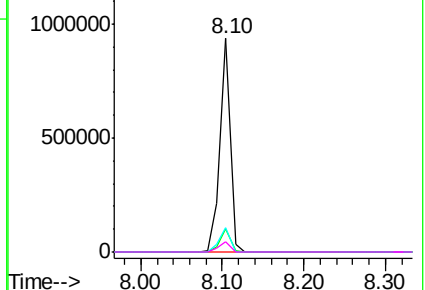


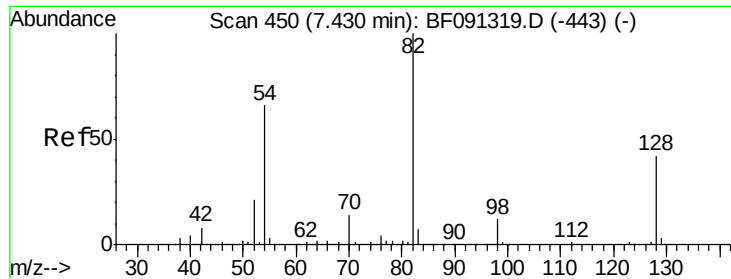
Abundance Ion 136.00 (135.70 to 136.70): E

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

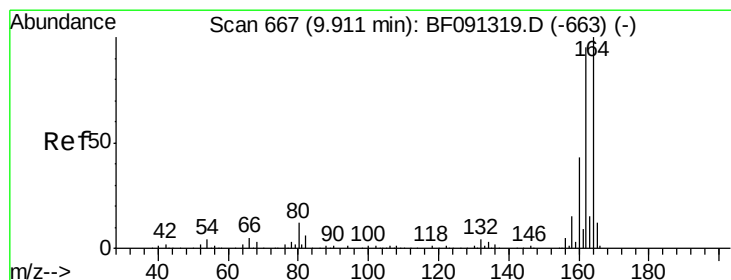
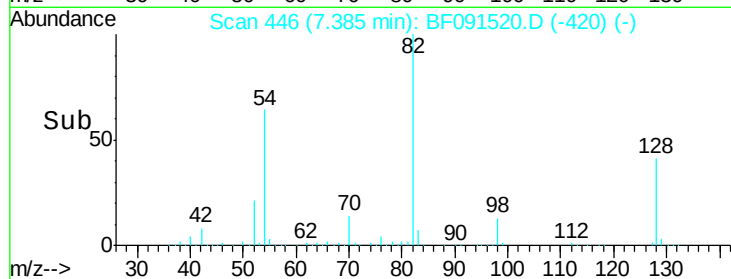
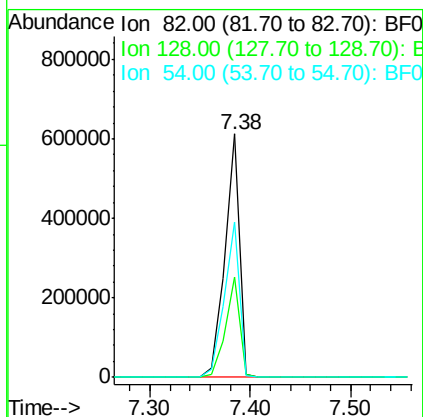
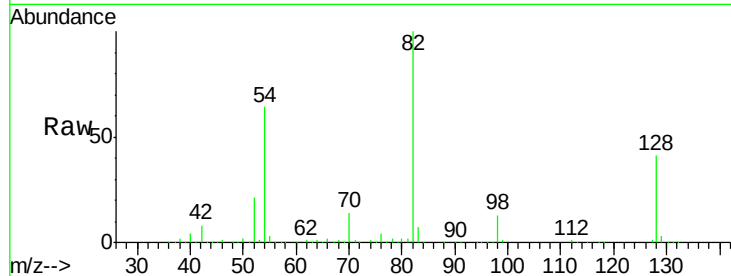




#23
 Nitrobenzene-d5
 Concen: 41.85 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

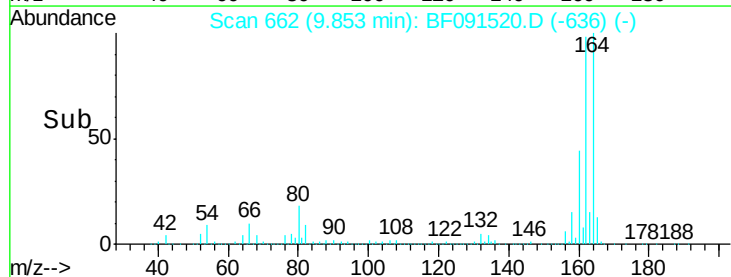
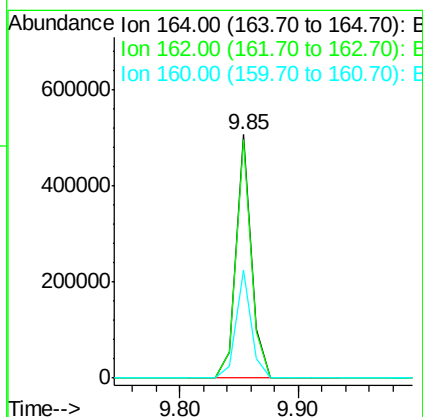
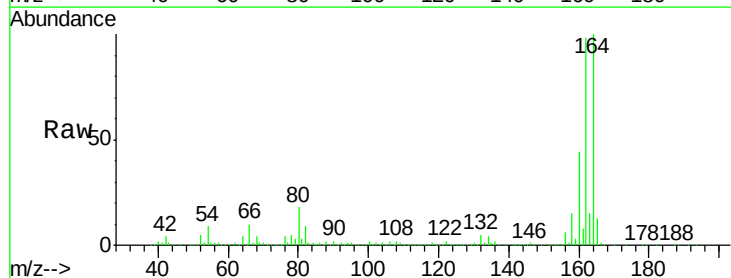
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

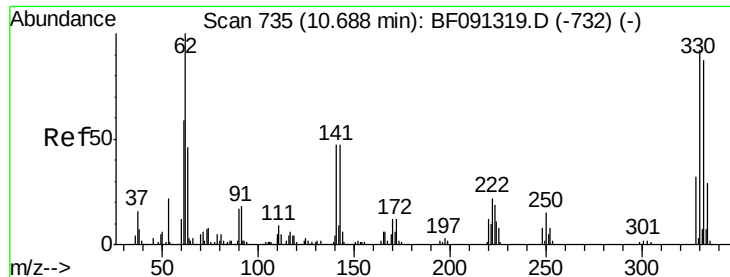
Tgt Ion: 82 Resp: 615308
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.6
 54 63.7 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Tgt Ion: 164 Resp: 456824
 Ion Ratio Lower Upper
 164 100
 162 98.0 82.6 124.0
 160 44.1 36.7 55.1

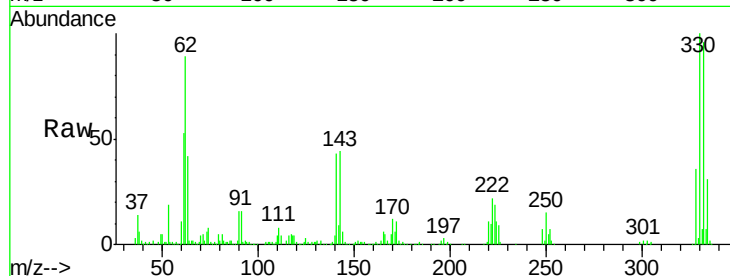




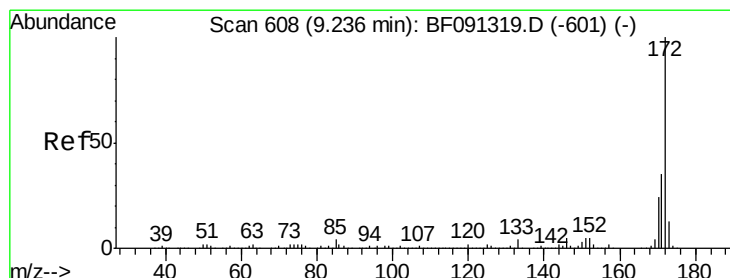
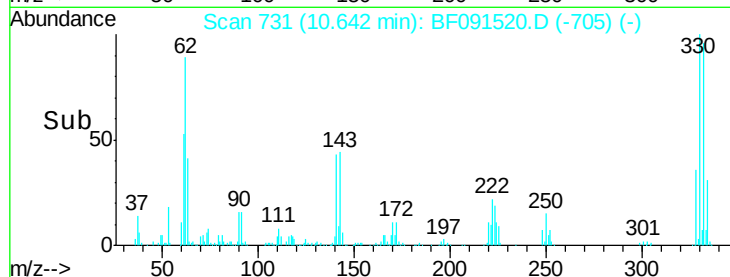
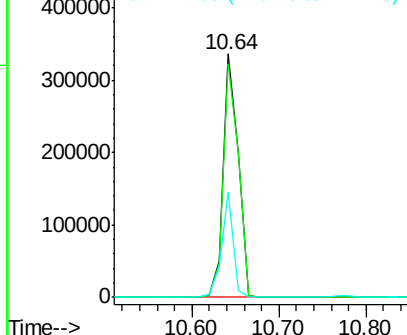
#41
 2,4,6-Tribromophenol
 Concen: 94.13 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion:330 Resp: 407102
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 34.0 33.6 50.4

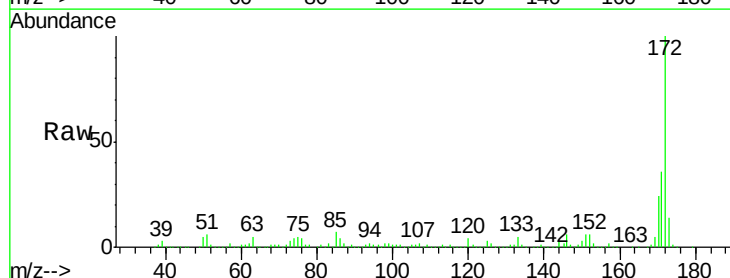


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

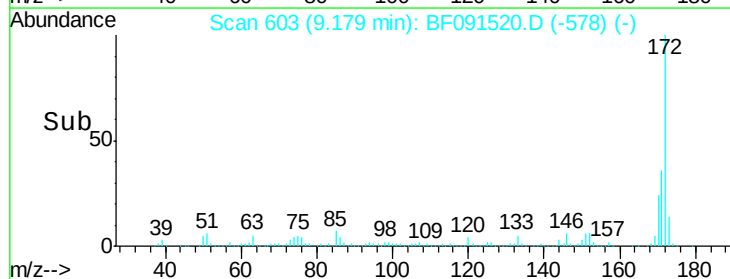
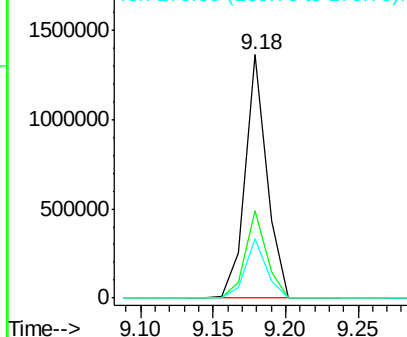


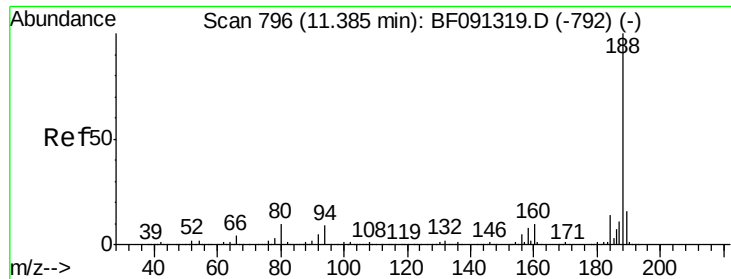
#44
 2-Fluorobiphenyl
 Concen: 55.88 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Tgt Ion:172 Resp: 1409840
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 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: 11.34 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

Instrument :

BNA_F

ClientSampleId :

URSMW-09

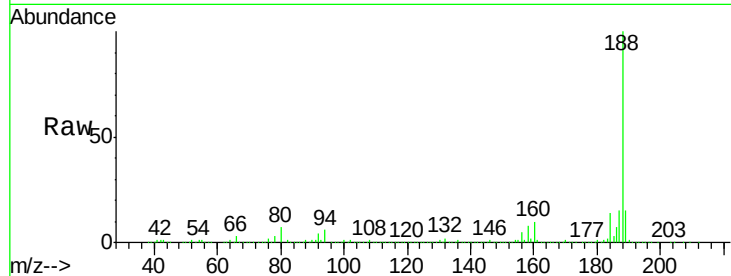
Tgt Ion:188 Resp: 874103

Ion Ratio Lower Upper

188 100

94 6.5 9.2 13.8#

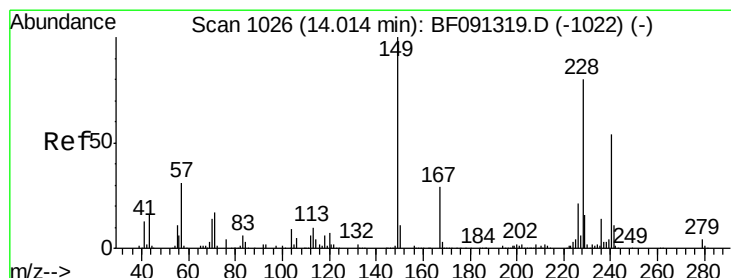
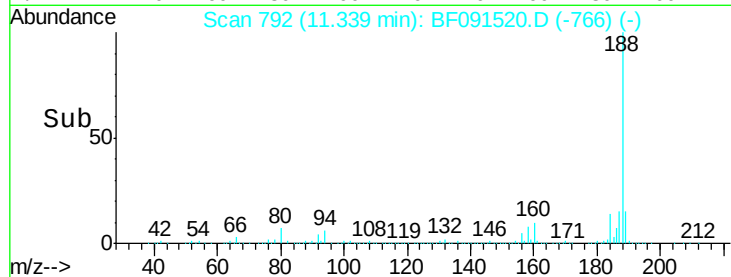
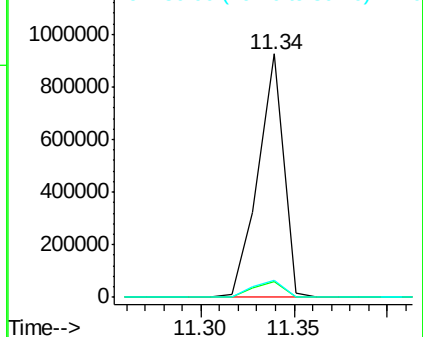
80 6.8 10.5 15.7#



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: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF091520.D

Acq: 8 Dec 2016 23:25

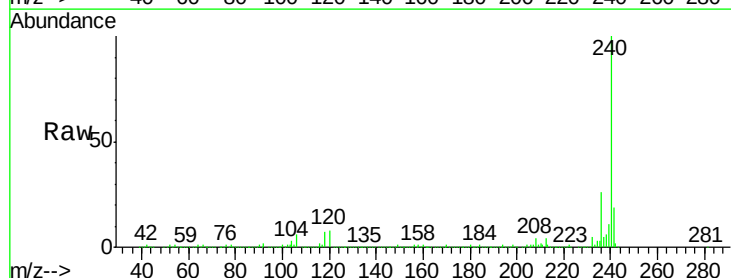
Tgt Ion:240 Resp: 793712

Ion Ratio Lower Upper

240 100

120 7.9 12.1 18.1#

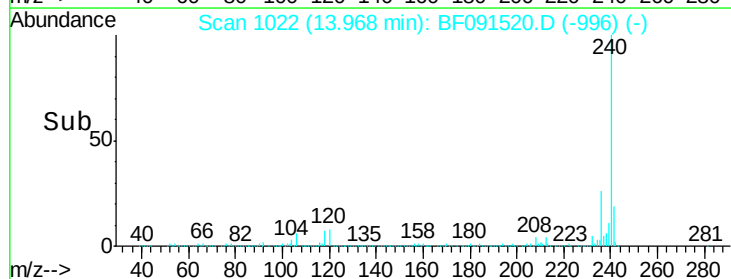
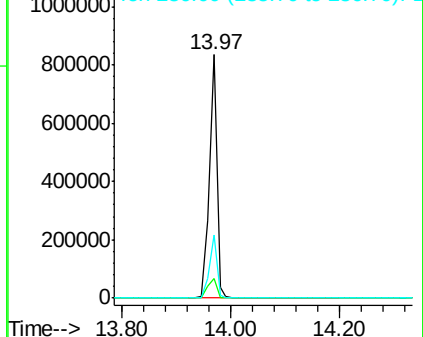
236 25.9 21.0 31.6

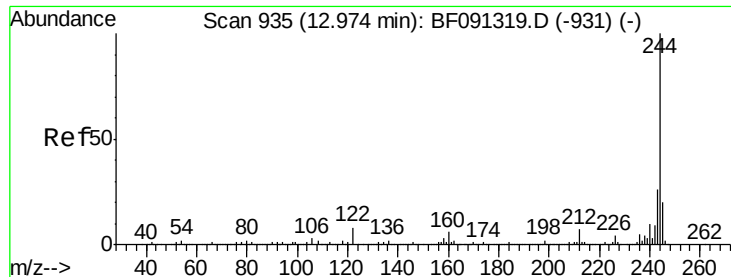


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

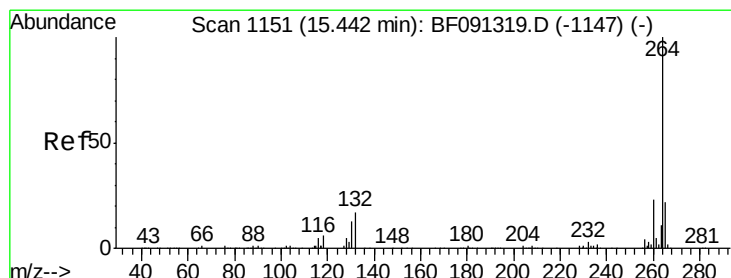
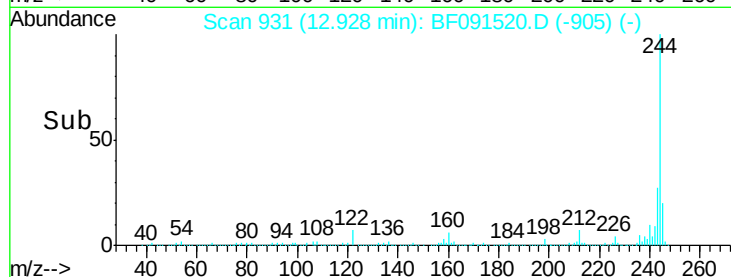
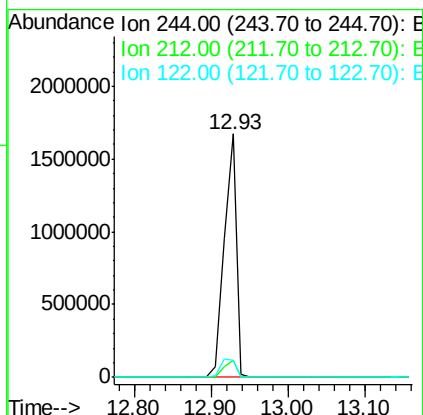
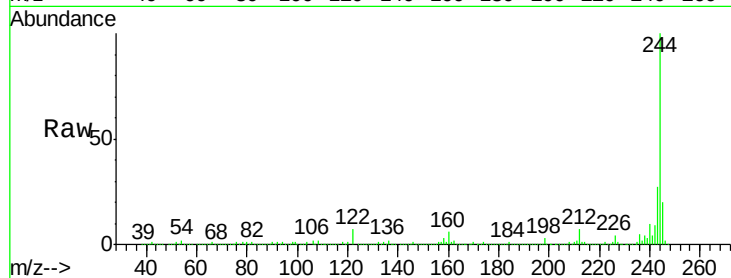




#78
 Terphenyl-d14
 Concen: 51.23 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF091520.D
 Acq: 8 Dec 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tgt Ion:244 Resp: 1870859
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 7.2 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: BF091520.D
 Acq: 8 Dec 2016 23:25

Tgt Ion:264 Resp: 559930
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.6 17.0 25.6

