

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091516.D
 Acq On : 8 Dec 2016 21:35
 Operator : UM/SJ
 Sample : H5886-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-13

Quant Time: Dec 09 00:45:14 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	144999	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	639168	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	334369	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	598413	20.00	ng	0.00
75) Chrysene-d12	13.97	240	491571	20.00	ng	0.00
86) Perylene-d12	15.39	264	476129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	502131	56.57	ng	0.01
7) Phenol-d6	6.46	99	492897	45.11	ng	0.00
23) Nitrobenzene-d5	7.38	82	663791	58.20	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	300551	94.95	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1098655	59.49	ng	-0.01
78) Terphenyl-d14	12.93	244	1346047	59.52	ng	0.00

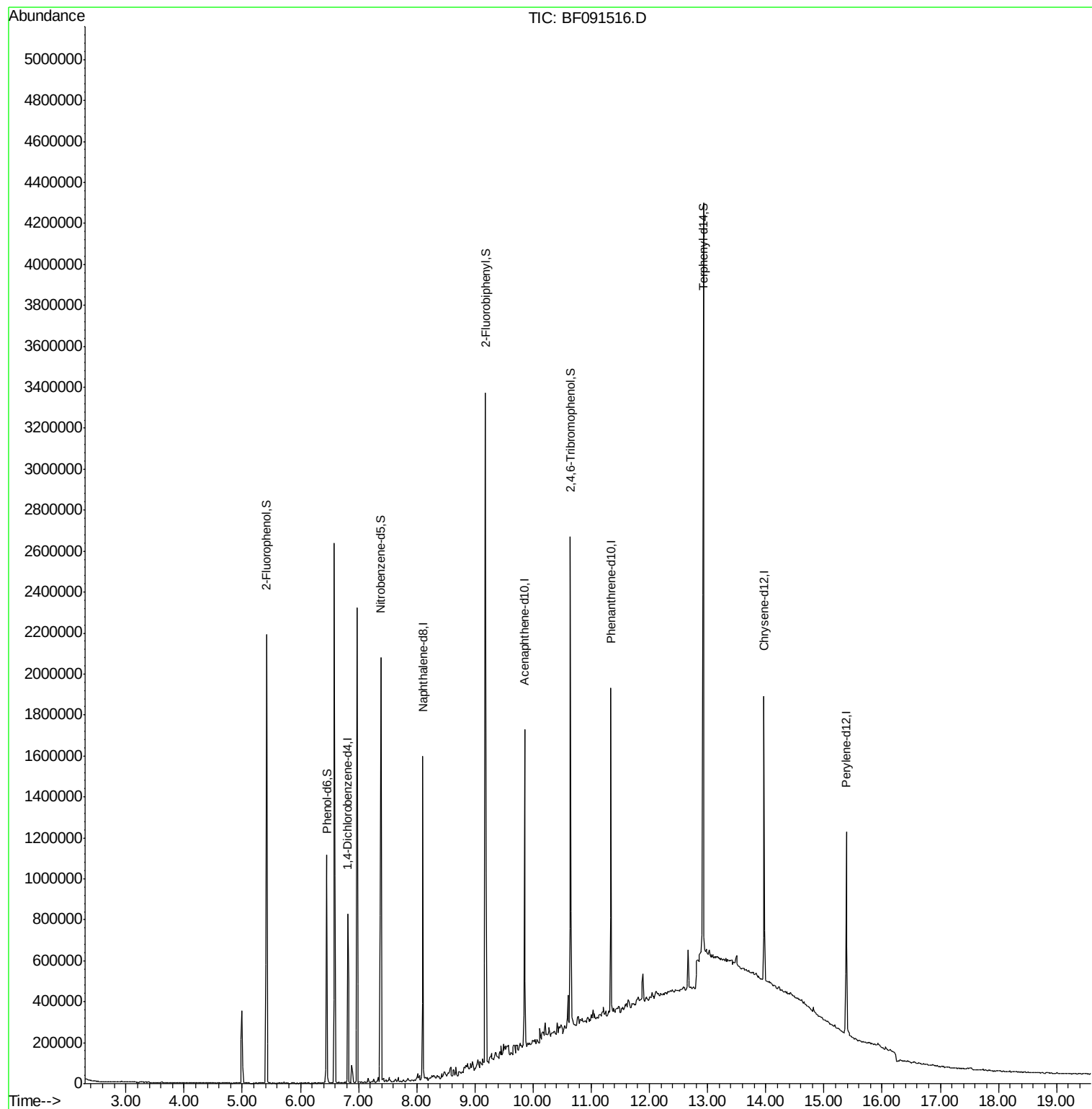
Target Compounds	Qvalue
------------------	--------

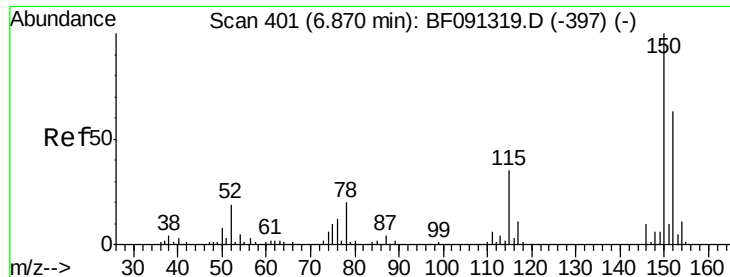
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091516.D
Acq On : 8 Dec 2016 21:35
Operator : UM/SJ
Sample : H5886-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Quant Time: Dec 09 00:45:14 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



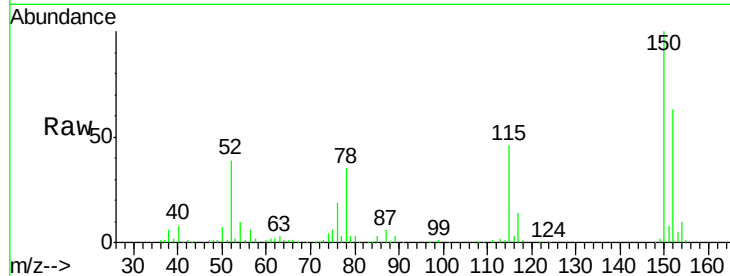


#1

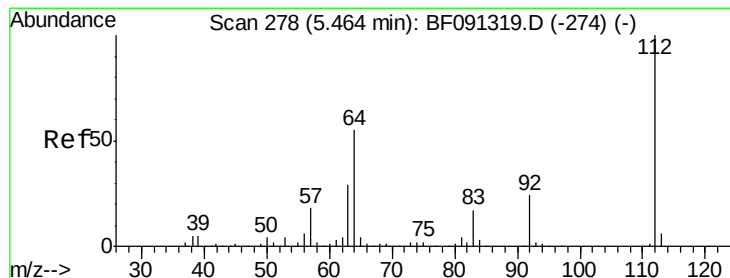
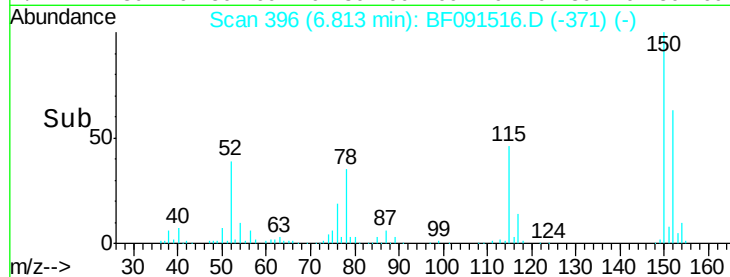
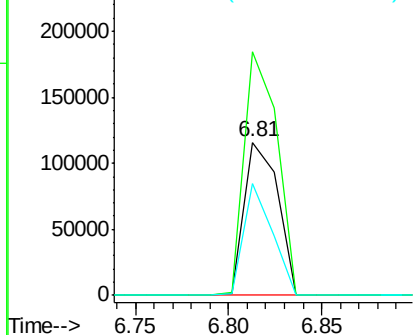
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:152 Resp: 144999
Ion Ratio Lower Upper
152 100
150 158.9 122.5 183.7
115 72.7 51.8 77.8



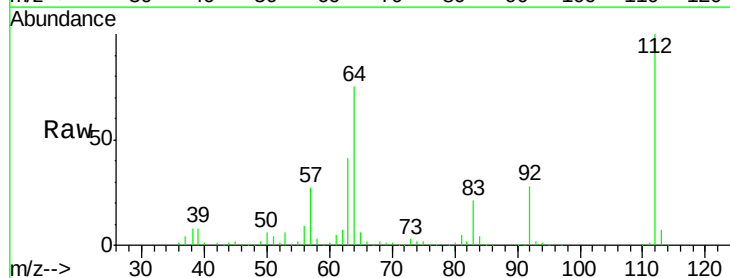
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



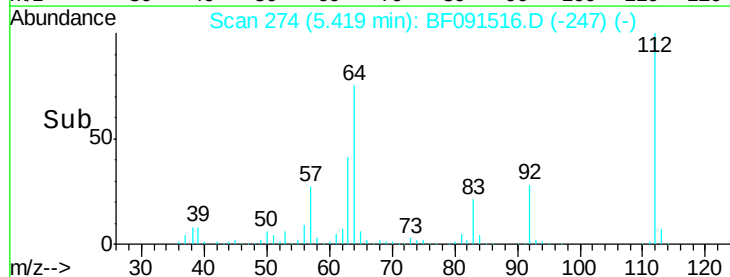
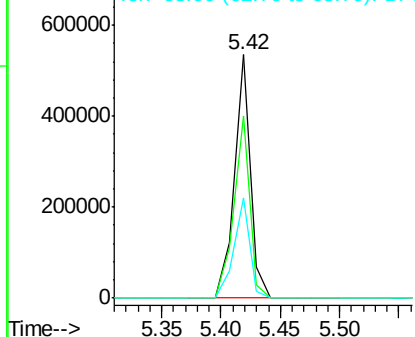
#5

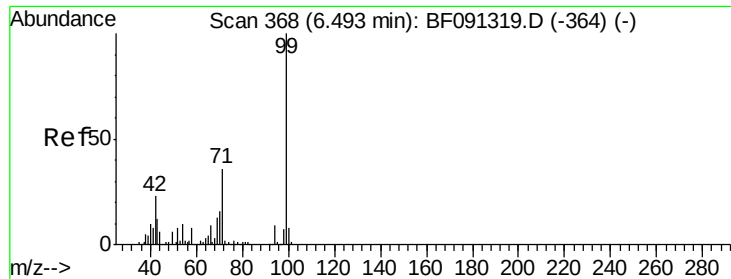
2-Fluorophenol
Concen: 56.57 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion:112 Resp: 502131
Ion Ratio Lower Upper
112 100
64 74.9 61.5 92.3
63 41.0 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: 45.11 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

Instrument :

BNA_F

ClientSampleId :

URSMW-13

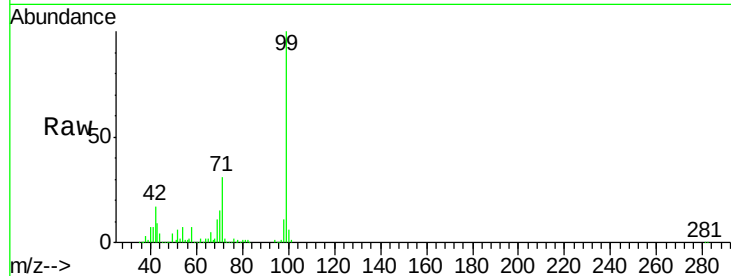
Tgt Ion: 99 Resp: 492897

Ion Ratio Lower Upper

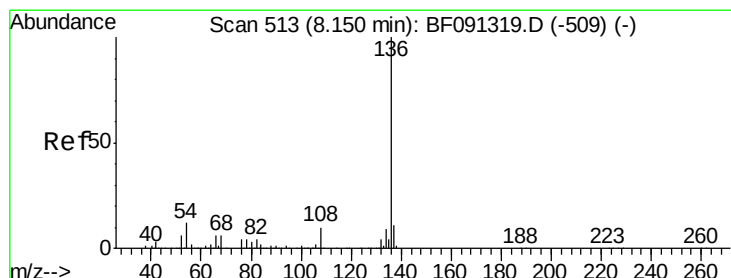
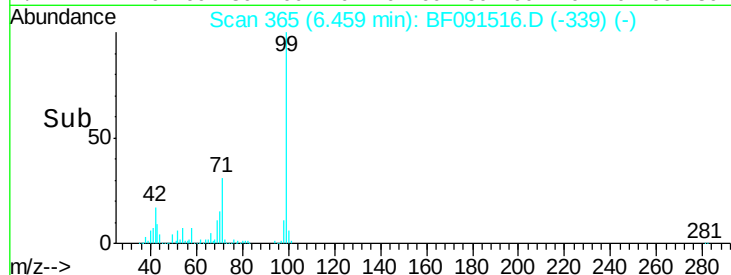
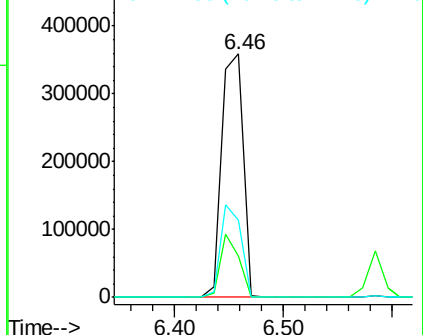
99 100

42 17.1 20.6 31.0#

71 31.5 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: BF091516.D

Acq: 8 Dec 2016 21:35

Tgt Ion: 136 Resp: 639168

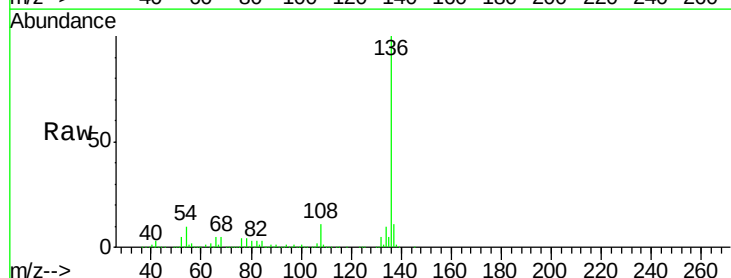
Ion Ratio Lower Upper

136 100

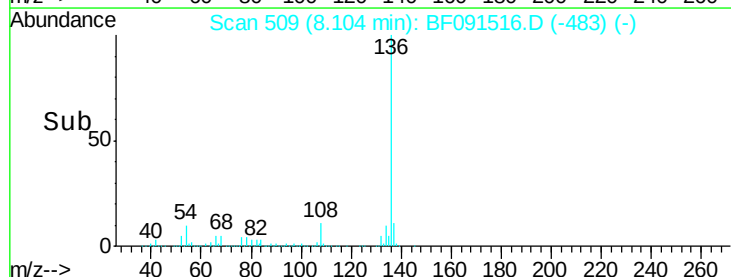
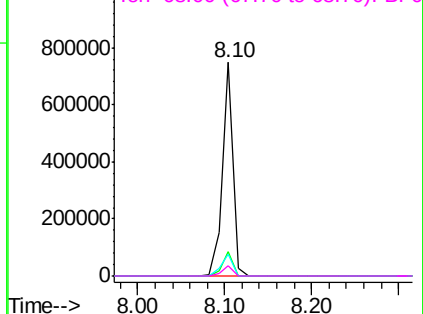
137 11.1 9.1 13.7

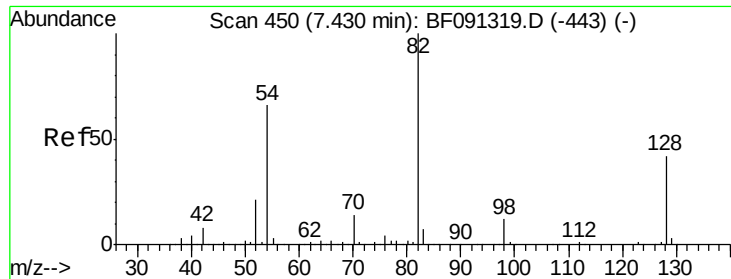
54 10.5 9.1 13.7

68 4.5 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

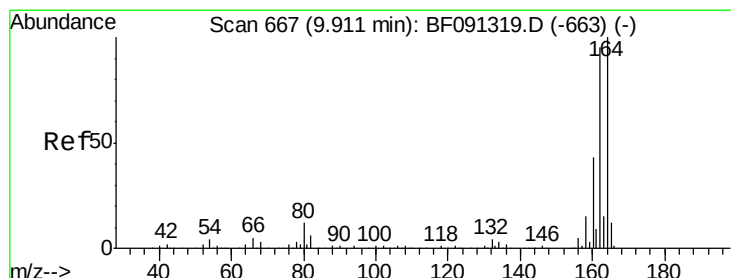
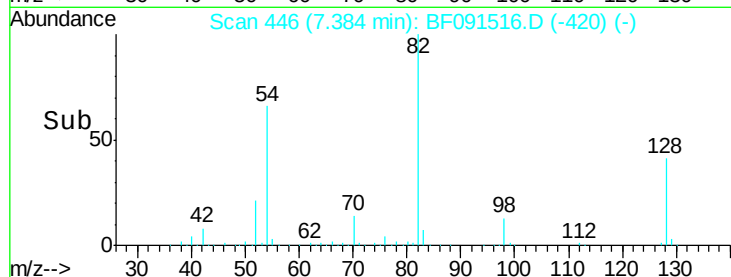
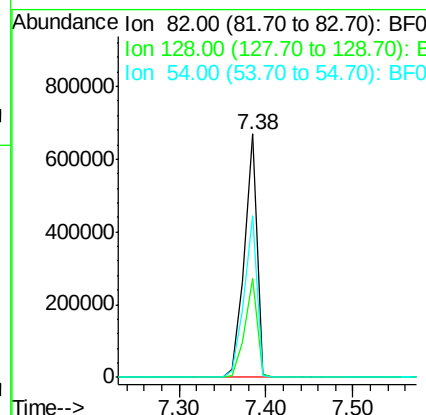
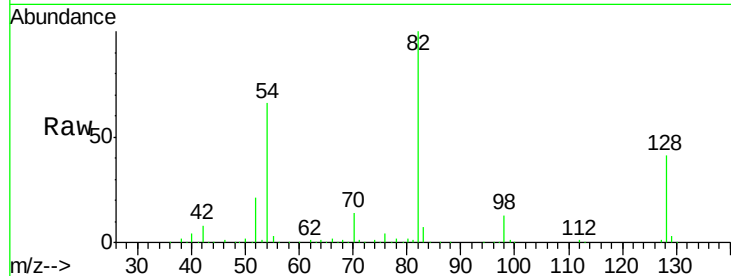




#23
Nitrobenzene-d5
Concen: 58.20 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

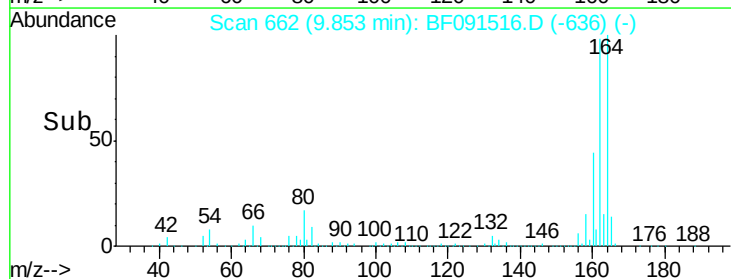
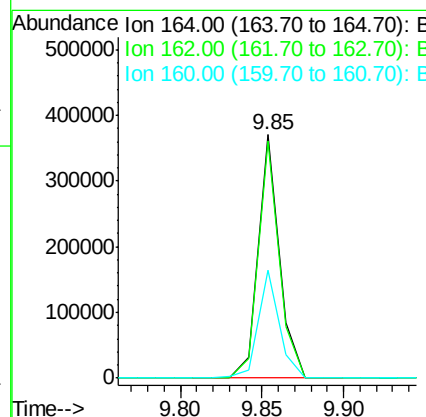
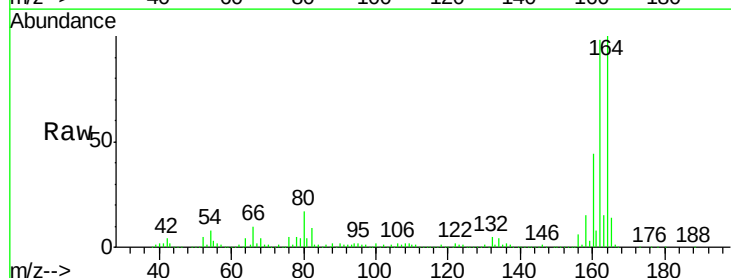
Instrument :
BNA_F
ClientSampleId :
URSMW-13

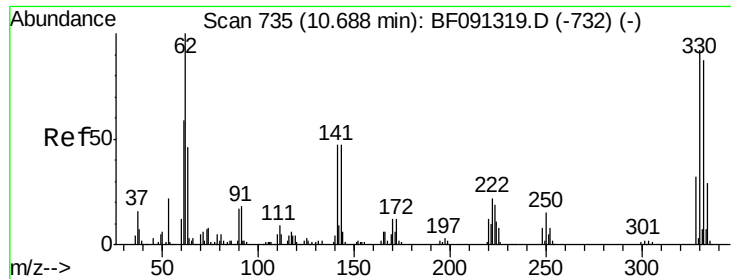
Tgt Ion: 82 Resp: 663791
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 66.4 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091516.D
Acq: 8 Dec 2016 21:35

Tgt Ion: 164 Resp: 334369
Ion Ratio Lower Upper
164 100
162 97.7 82.6 124.0
160 44.2 36.7 55.1

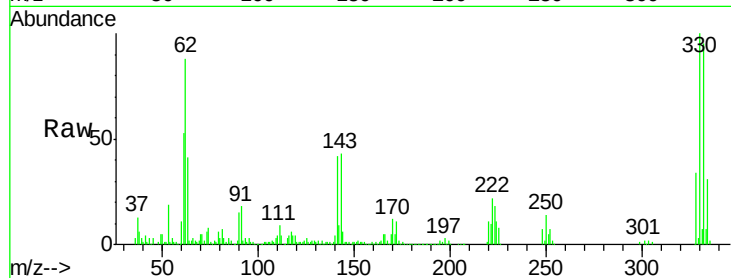




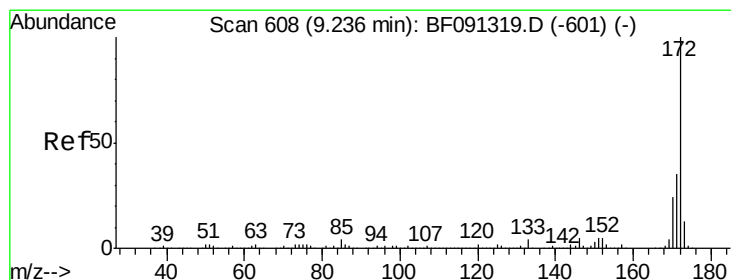
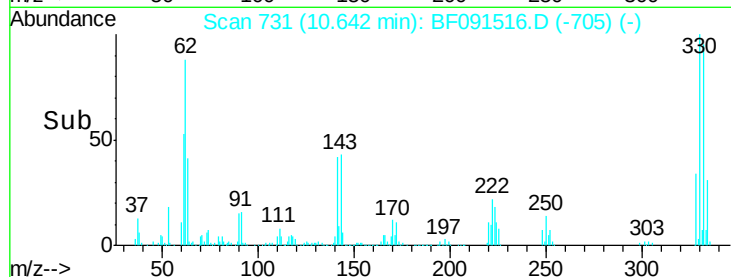
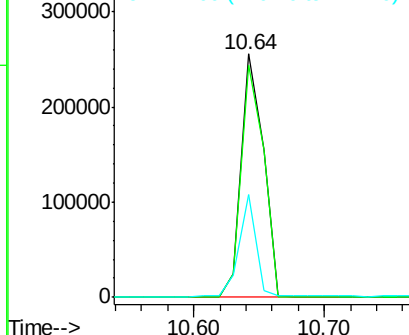
#41
 2,4,6-Tribromophenol
 Concen: 94.95 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091516.D
 Acq: 8 Dec 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-13

Tgt Ion:330 Resp: 300551
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 31.8 33.6 50.4#

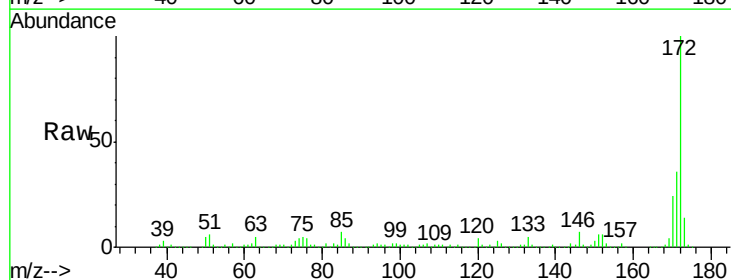


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

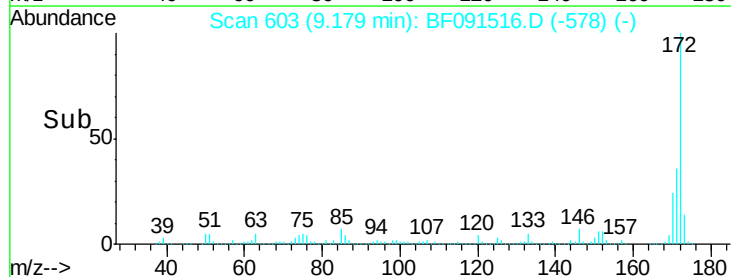
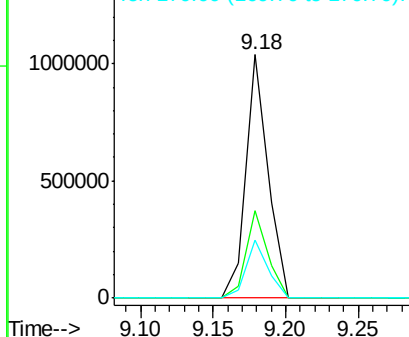


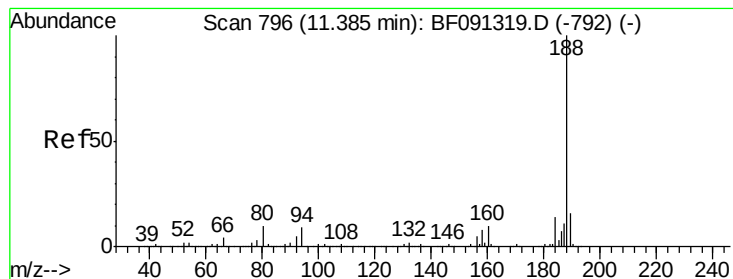
#44
 2-Fluorobiphenyl
 Concen: 59.49 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091516.D
 Acq: 8 Dec 2016 21:35

Tgt Ion:172 Resp: 1098655
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 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: BF091516.D

Acq: 8 Dec 2016 21:35

Instrument :

BNA_F

ClientSampleId :

URSMW-13

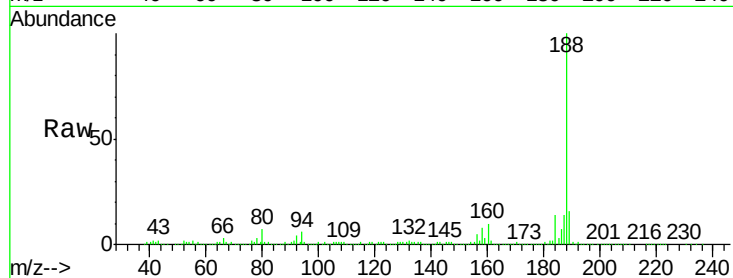
Tgt Ion:188 Resp: 598413

Ion Ratio Lower Upper

188 100

94 6.4 9.2 13.8#

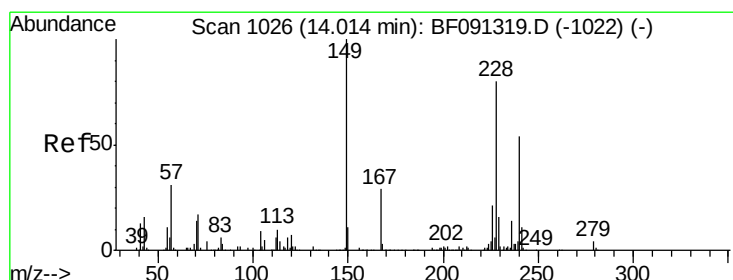
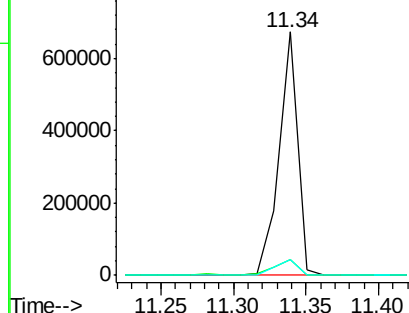
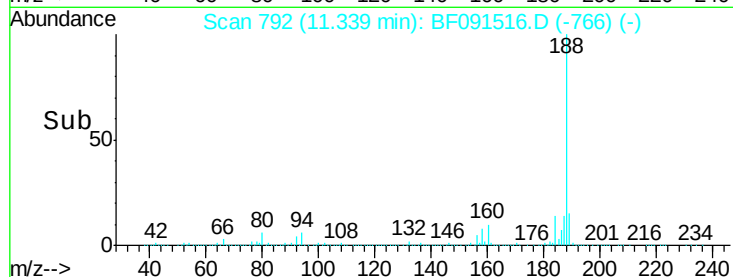
80 6.7 10.5 15.7#



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: BF091516.D

Acq: 8 Dec 2016 21:35

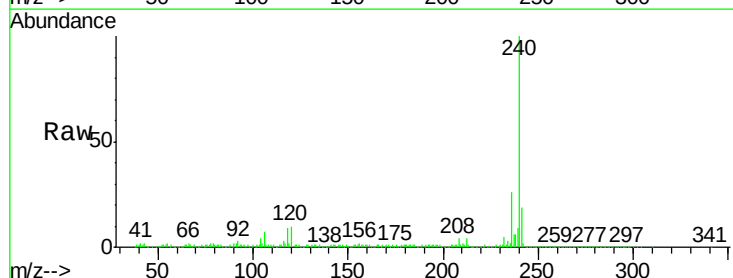
Tgt Ion:240 Resp: 491571

Ion Ratio Lower Upper

240 100

120 10.2 12.1 18.1#

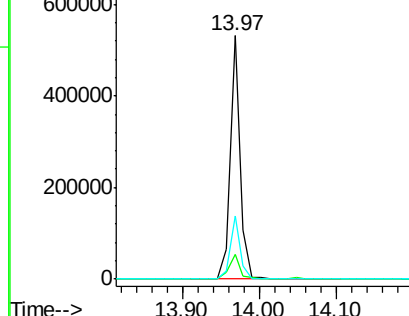
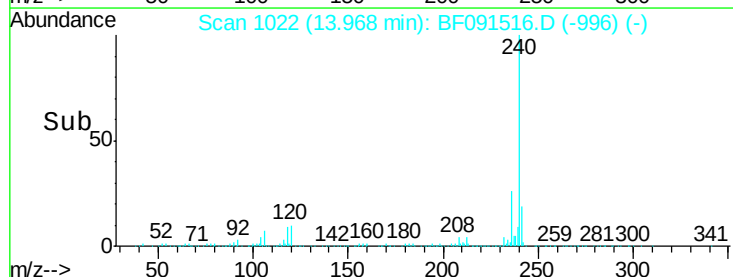
236 26.2 21.0 31.6

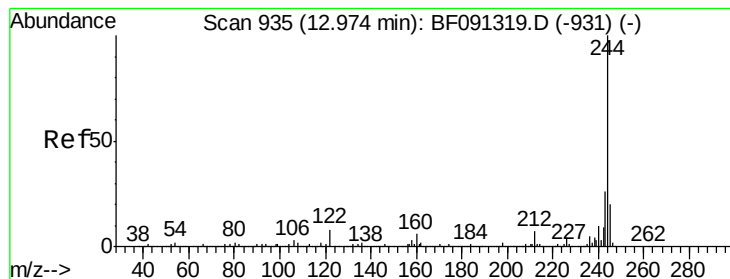


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.52 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

Instrument :

BNA_F

ClientSampleId :

URSMW-13

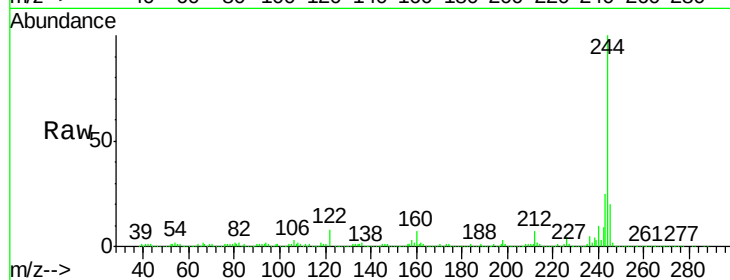
Tgt Ion:244 Resp: 1346047

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

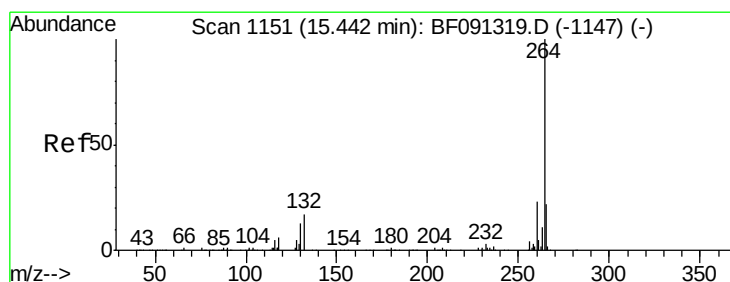
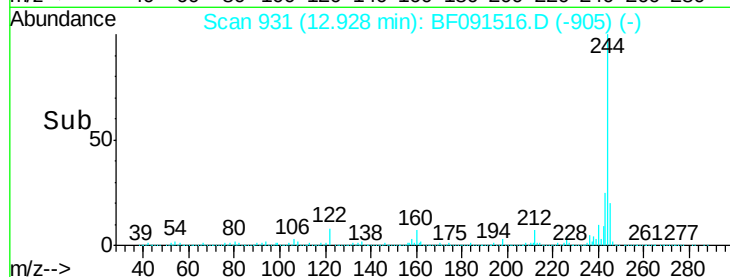
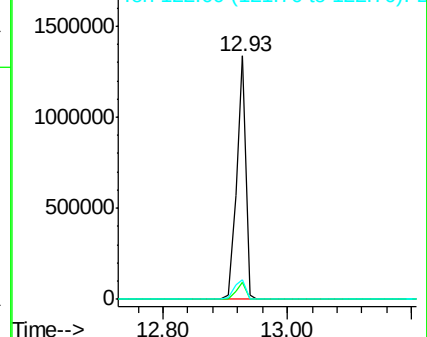
122 8.0 9.5 14.3#



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: 15.39 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF091516.D

Acq: 8 Dec 2016 21:35

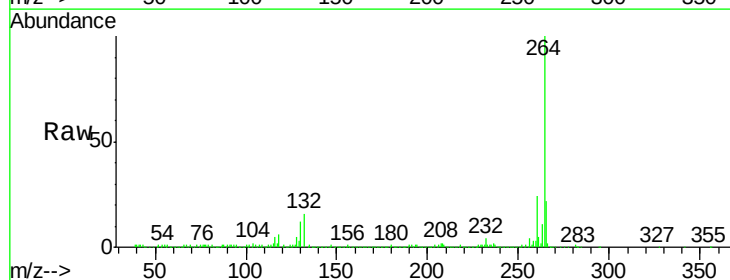
Tgt Ion:264 Resp: 476129

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.9 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

