

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091657.D
 Acq On : 16 Dec 2016 6:06
 Operator : UM/SJ
 Sample : H6011-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Dec 16 06:34:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	196989	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	824074	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	458806	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	527743	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	550857	20.00	ng	0.00
86) Perylene-d12	15.35	264	454022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	646036	55.25	ng	0.00
7) Phenol-d6	6.42	99	494330	33.91	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1219990	82.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	386812	101.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1900699	71.58	ng	0.00
78) Terphenyl-d14	12.89	244	1322082	54.46	ng	-0.01

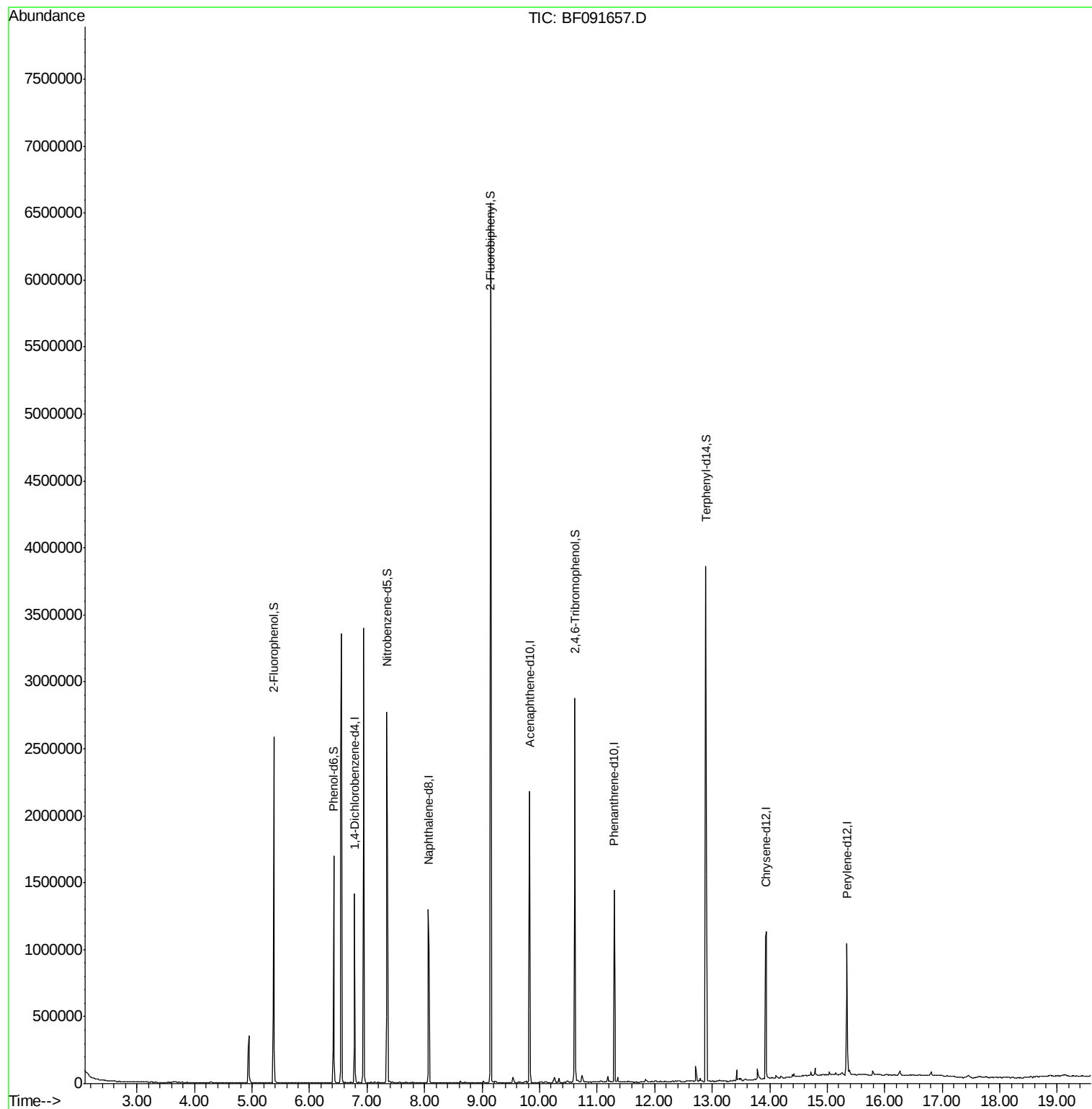
Target Compounds Qvalue

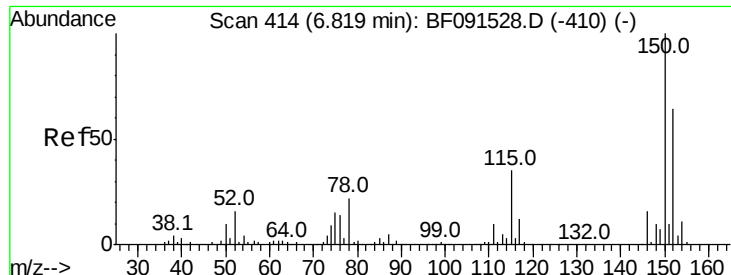
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

Instrument :

BNA_F

ClientSampled :

MW-24

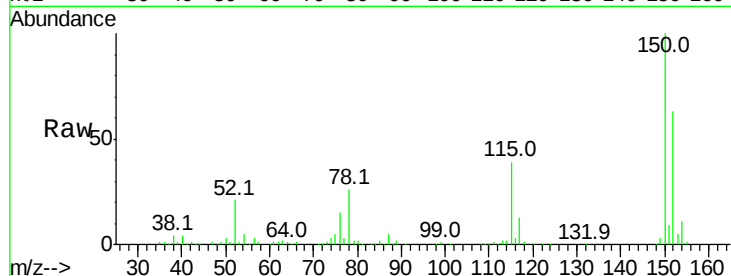
Tot Ion:152 Resp: 196989

Ion Ratio Lower Upper

152 100

150 157.7 122.5 183.7

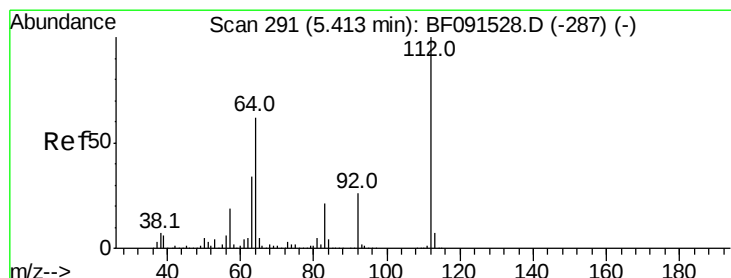
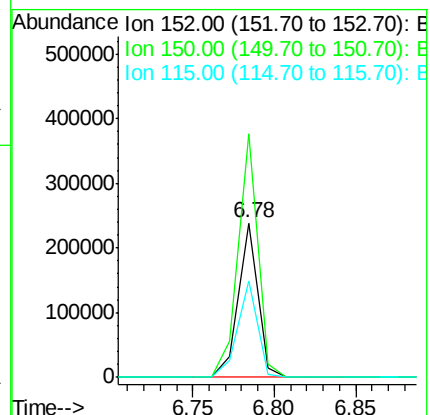
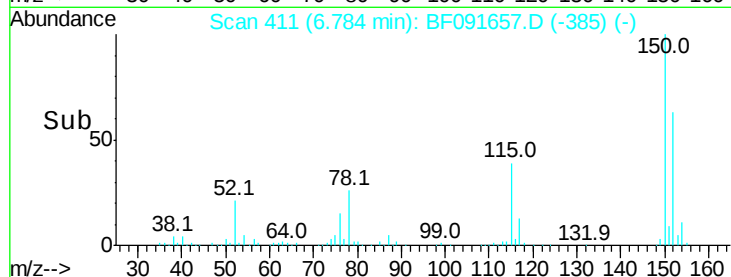
115 62.2 51.8 77.8



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: 55.25 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

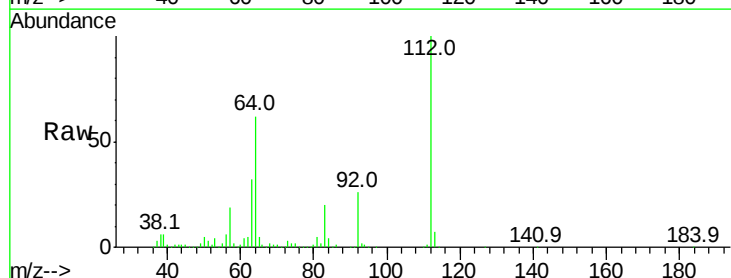
Tgt Ion:112 Resp: 646036

Ion Ratio Lower Upper

112 100

64 62.0 61.5 92.3

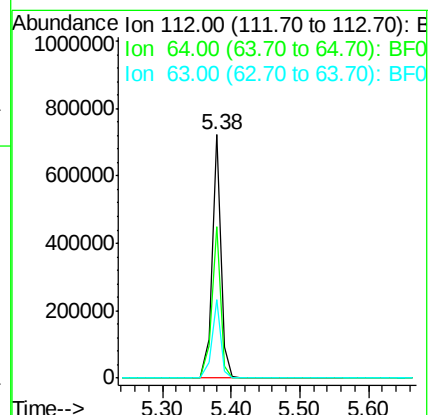
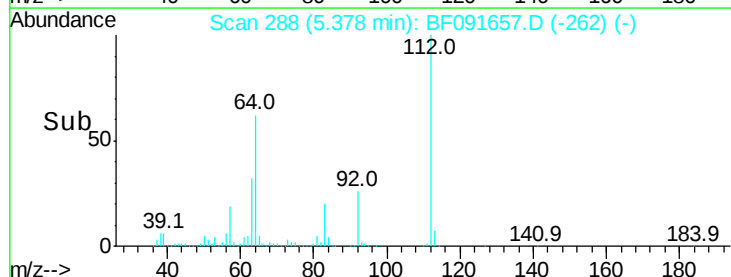
63 32.3 33.3 49.9#

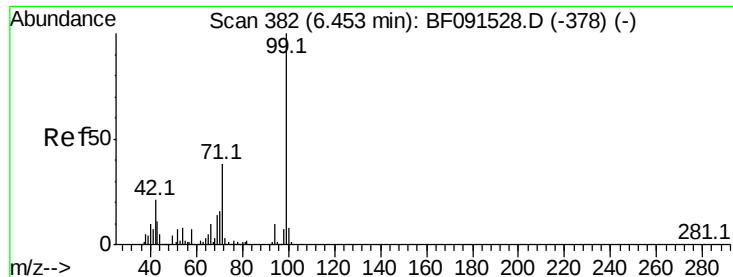


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.91 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

Instrument :

BNA_F

ClientSampleId :

MW-24

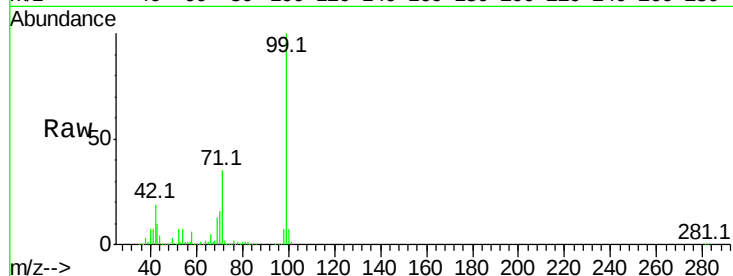
Tot Ion: 99 Resp: 494330

Ion Ratio Lower Upper

99 100

42 18.8 20.6 31.0#

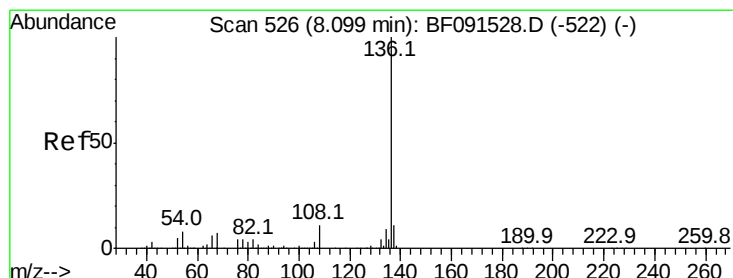
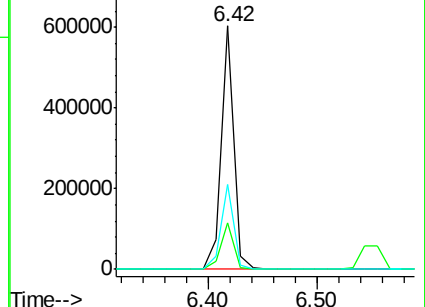
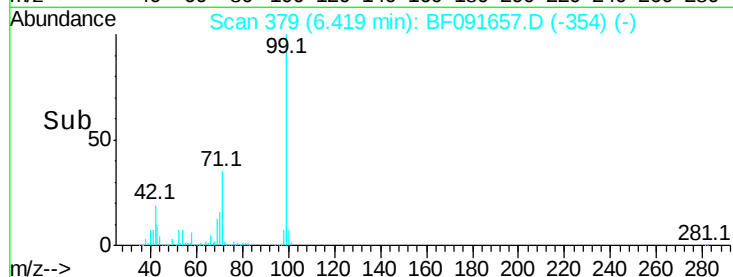
71 35.1 29.9 44.9



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: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

Tgt Ion: 136 Resp: 824074

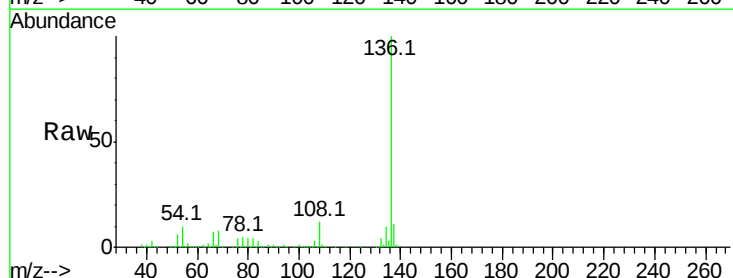
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.1 9.1 13.7

68 7.7 5.9 8.9

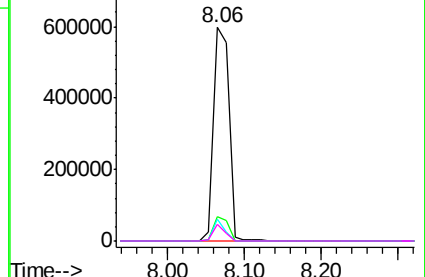
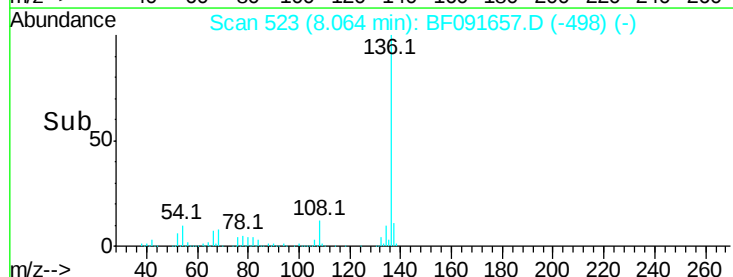


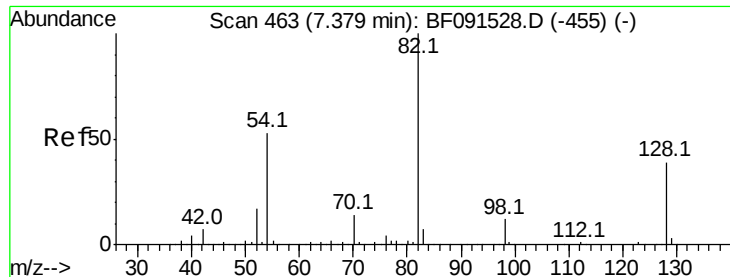
Abundance Ion 136.00 (135.70 to 136.70): E

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

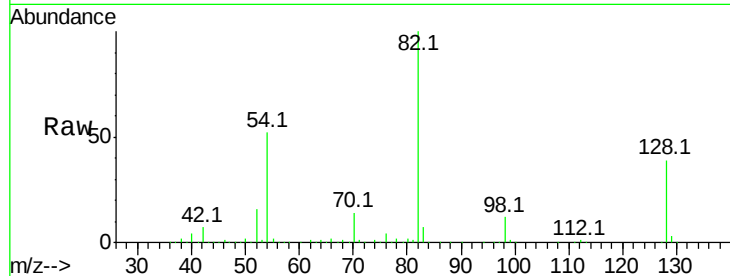




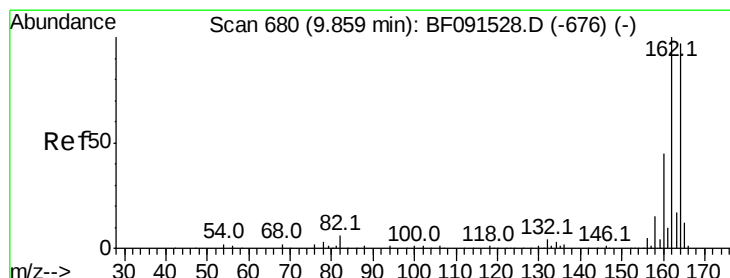
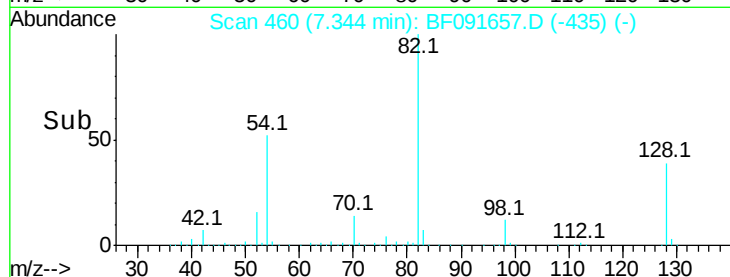
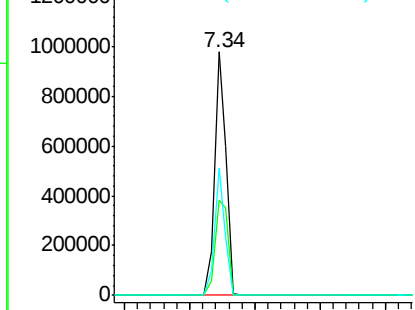
#23
Nitrobenzene-d5
Concen: 82.63 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Instrument :
BNA_F
ClientSampleId :
MW-24

Tot Ion: 82 Resp: 1219990
Ion Ratio Lower Upper
82 100
128 39.1 31.8 47.6
54 52.1 49.1 73.7

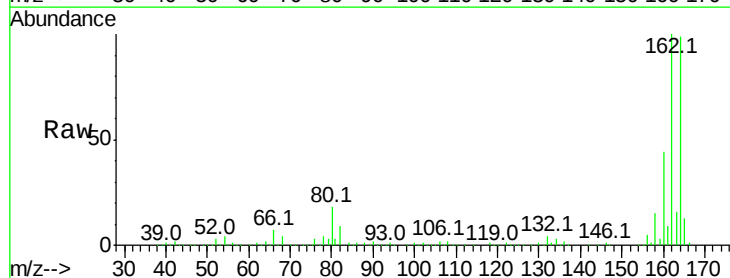


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

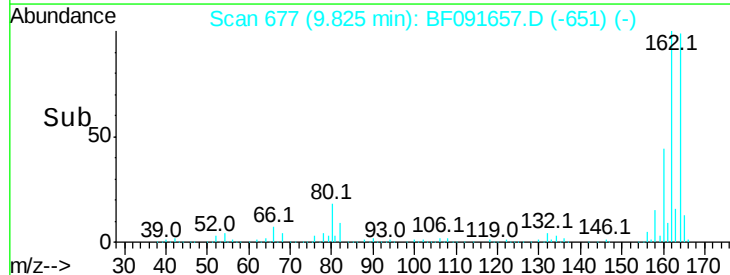
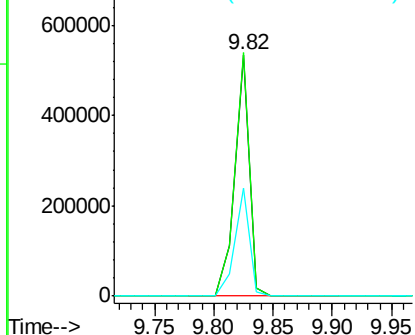


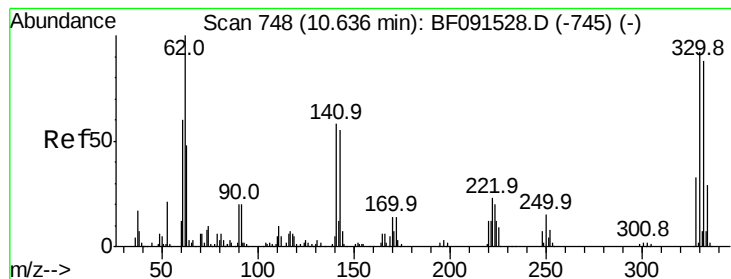
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:164 Resp: 458806
Ion Ratio Lower Upper
164 100
162 100.9 82.6 124.0
160 44.5 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: 101.50 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

Instrument :

BNA_F

ClientSampled :

MW-24

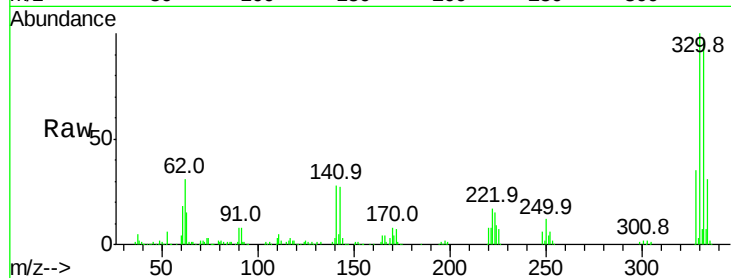
Tot Ion:330 Resp: 386812

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

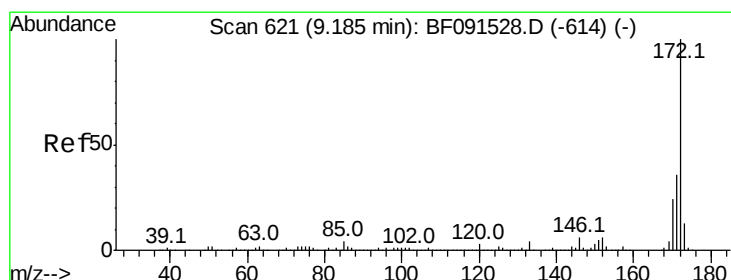
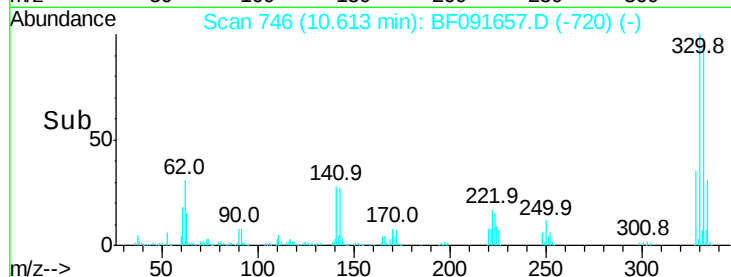
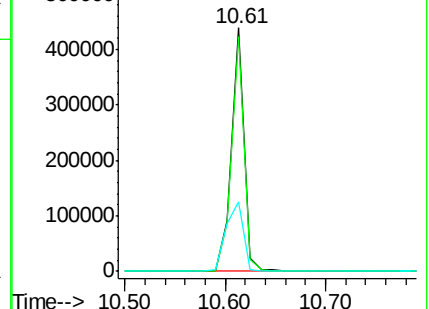
141 38.9 33.6 50.4



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: 71.58 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

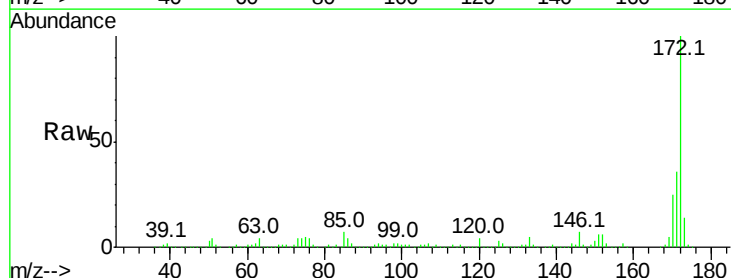
Tgt Ion:172 Resp: 1900699

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

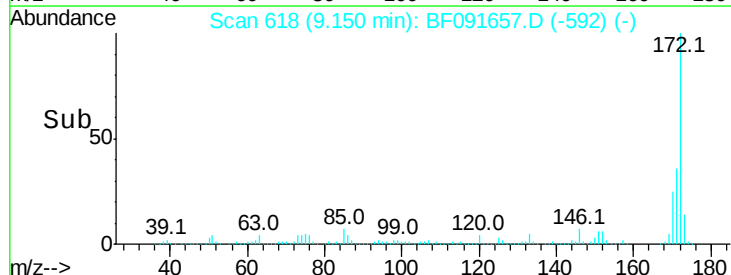
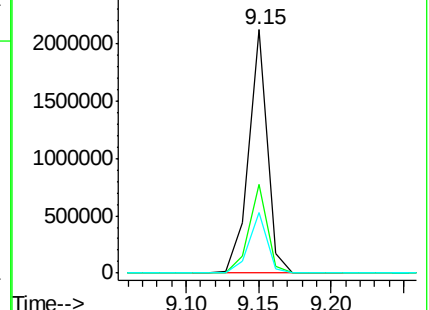
170 24.7 19.7 29.5

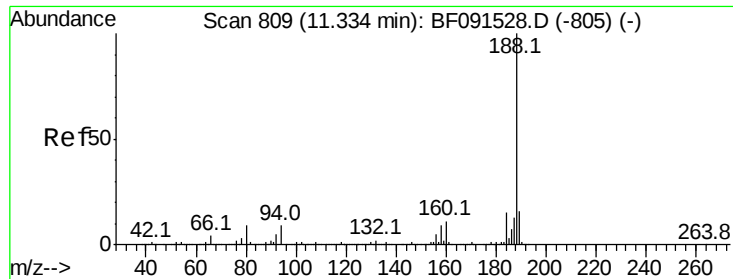


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

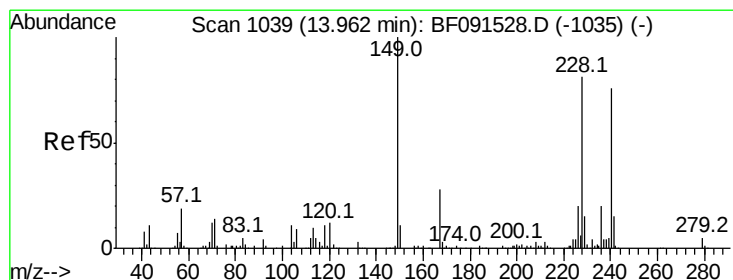
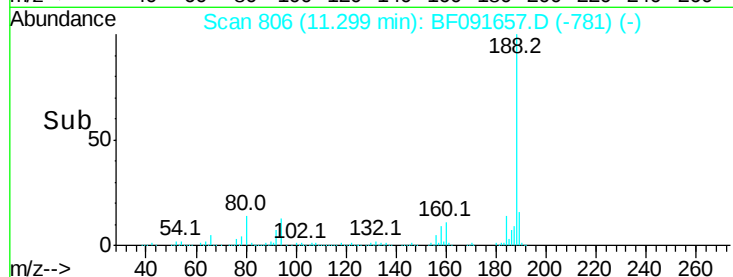
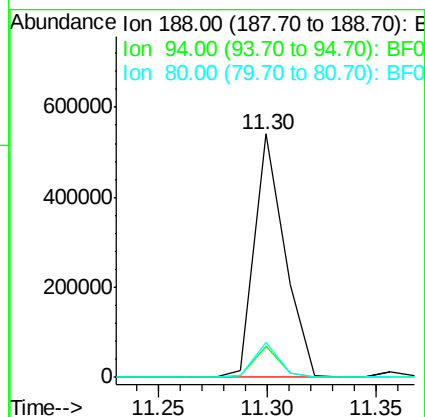
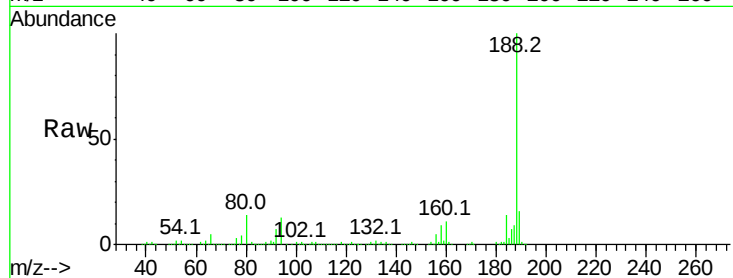




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

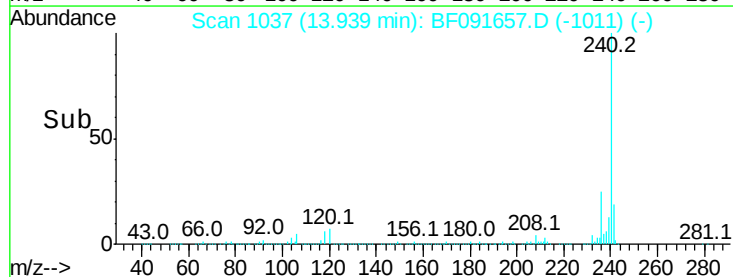
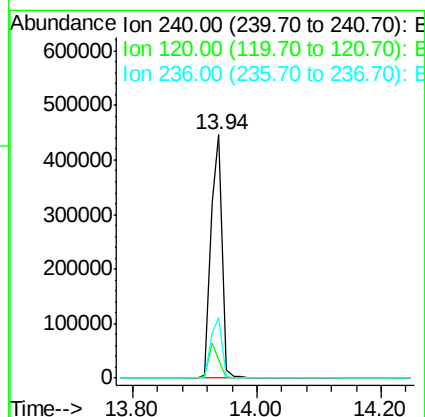
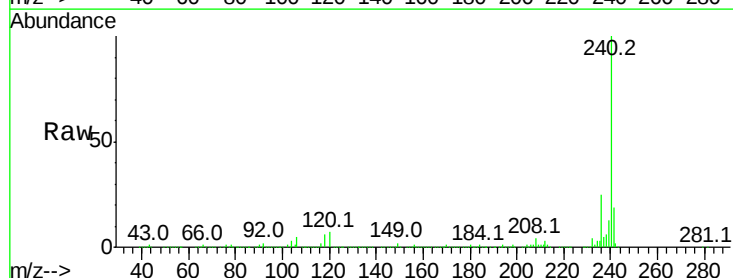
Instrument :
BNA_F
ClientSampleId :
MW-24

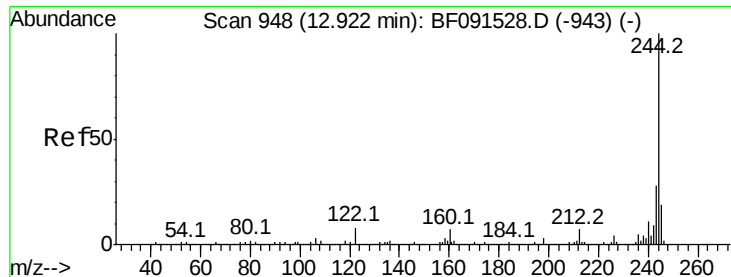
Tot Ion:188 Resp: 527743
Ion Ratio Lower Upper
188 100
94 12.8 9.2 13.8
80 14.4 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF091657.D
Acq: 16 Dec 2016 6:06

Tgt Ion:240 Resp: 550857
Ion Ratio Lower Upper
240 100
120 7.4 12.1 18.1#
236 25.1 21.0 31.6





#78

Terphenyl-d14

Concen: 54.46 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

Instrument :

BNA_F

ClientSampleId :

MW-24

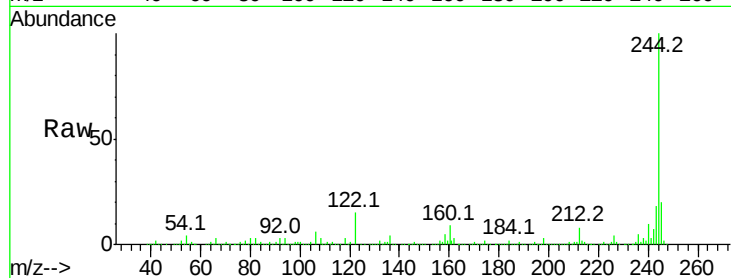
Tot Ion:244 Resp: 1322082

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

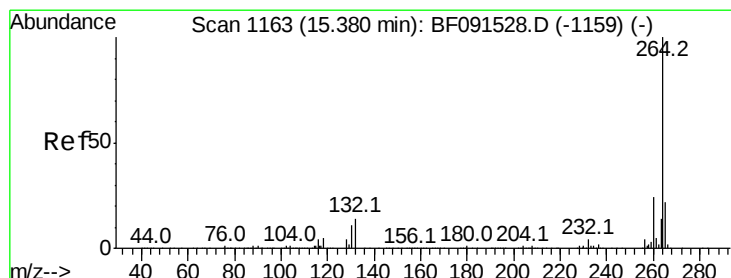
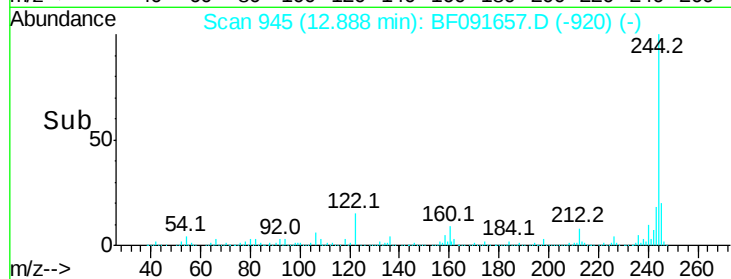
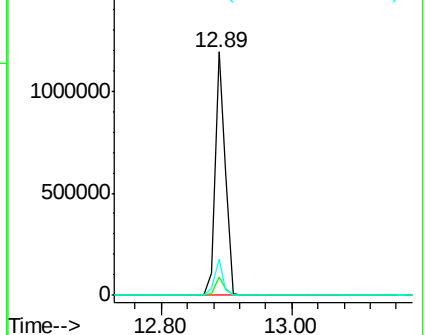
122 14.9 9.5 14.3#



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: 15.35 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF091657.D

Acq: 16 Dec 2016 6:06

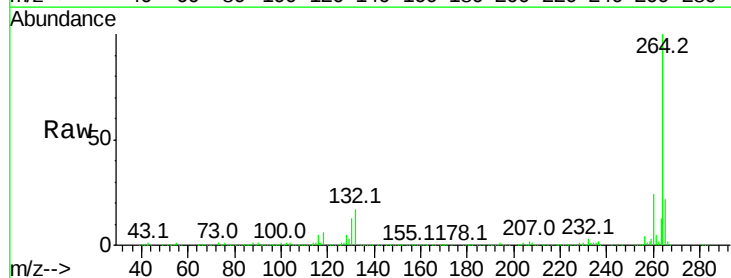
Tgt Ion:264 Resp: 454022

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 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

