

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091626.D
 Acq On : 15 Dec 2016 12:39
 Operator : UM/SJ
 Sample : H5975-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Dec 15 13:38:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

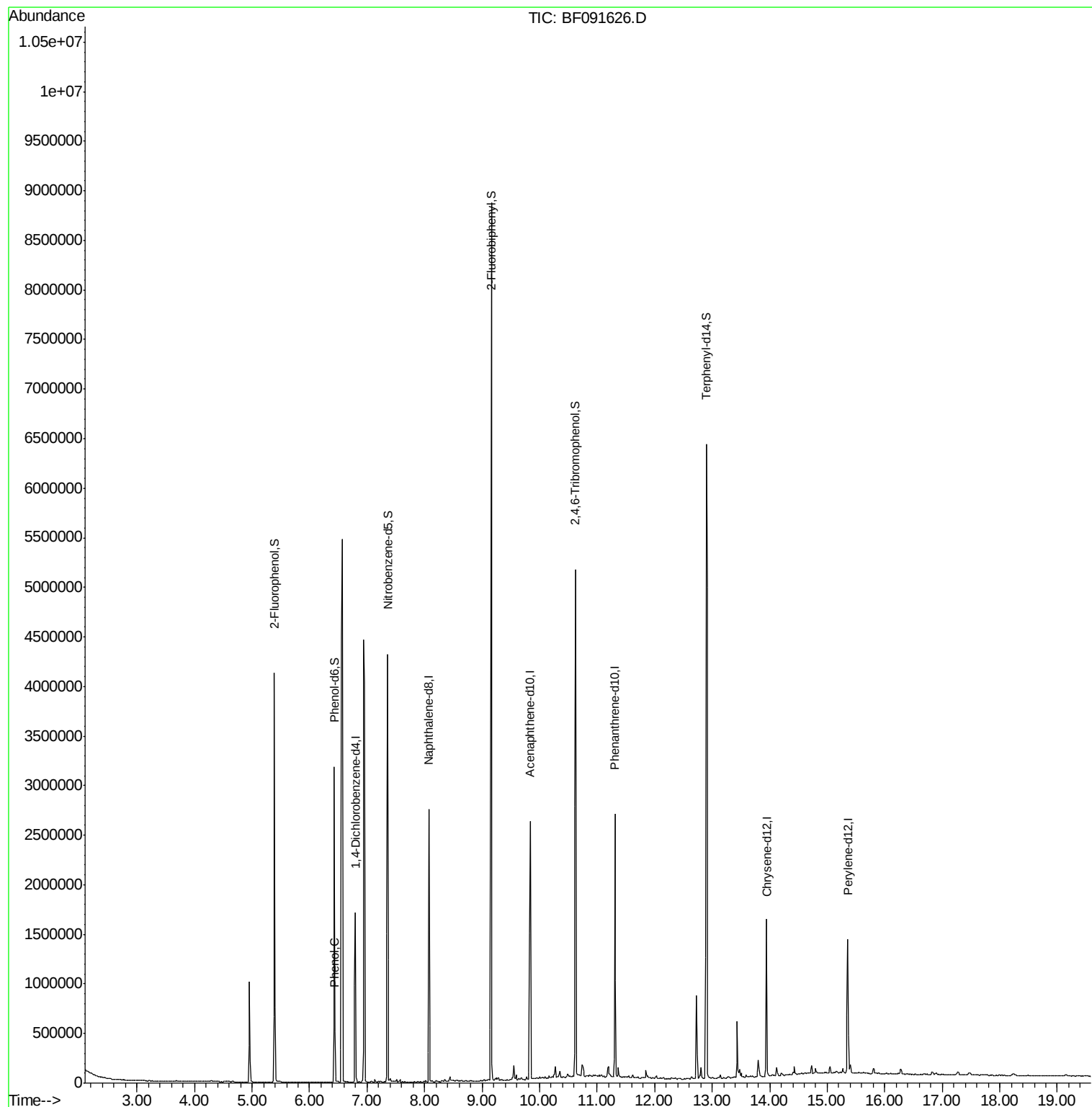
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	318437	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1231853	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	682477	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	1022494	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	772994	20.00	ng	-0.01
86) Perylene-d12	15.36	264	601058	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1114441	58.96	ng	-0.02
7) Phenol-d6	6.43	99	954214	40.50	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1722732	78.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	664420	117.21	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	3009982	76.21	ng	-0.02
78) Terphenyl-d14	12.90	244	2900092	85.13	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	70130	2.55	ng	Qvalue 85

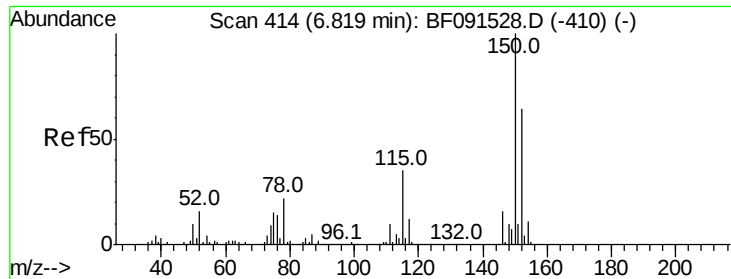
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091626.D
Acq On : 15 Dec 2016 12:39
Operator : UM/SJ
Sample : H5975-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

Quant Time: Dec 15 13:38:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



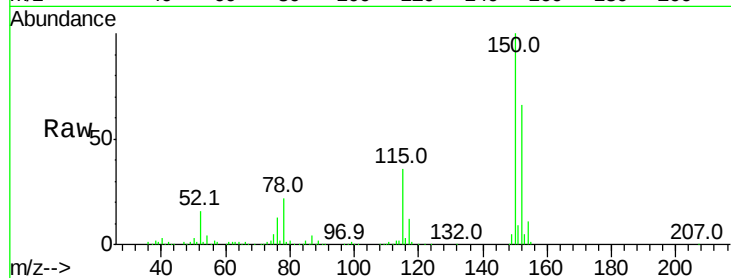


#1

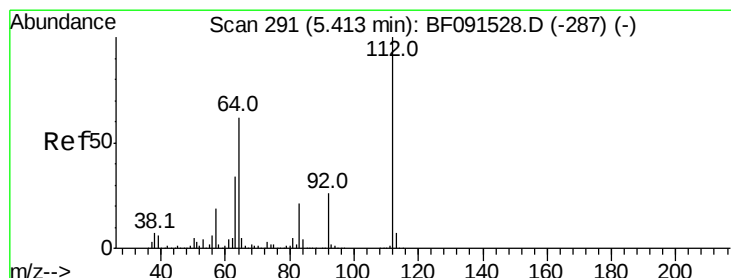
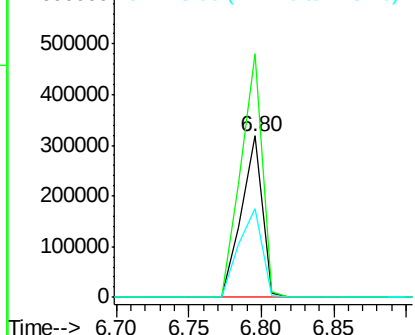
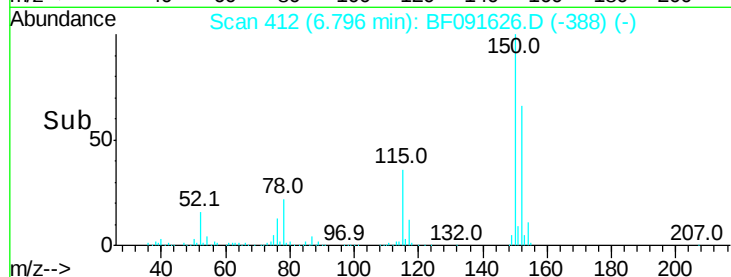
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091626.D
Acq: 15 Dec 2016 12:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:152 Resp: 318437
Ion Ratio Lower Upper
152 100
150 151.0 122.5 183.7
115 54.8 51.8 77.8



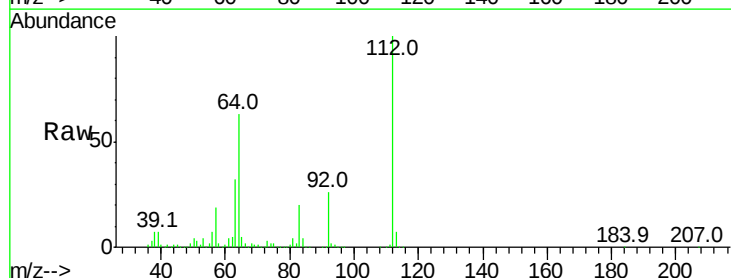
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



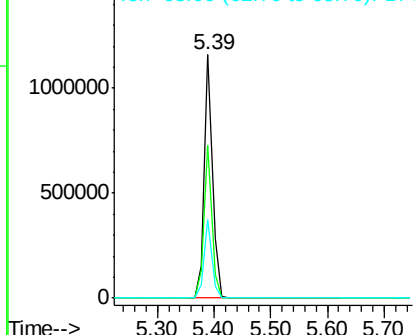
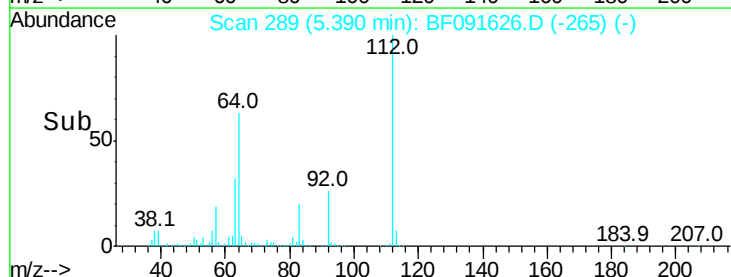
#5

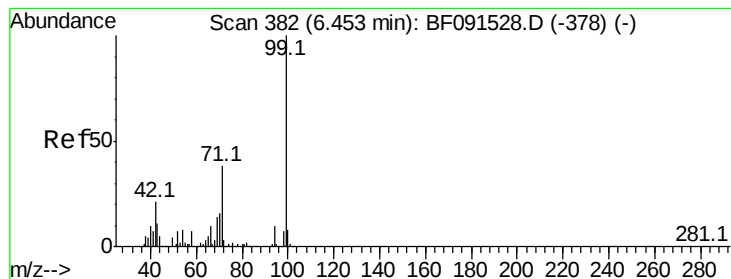
2-Fluorophenol
Concen: 58.96 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091626.D
Acq: 15 Dec 2016 12:39

Tgt Ion:112 Resp: 1114441
Ion Ratio Lower Upper
112 100
64 62.7 61.5 92.3
63 32.4 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: 40.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

Instrument :

BNA_F

ClientSampleId :

MW-17

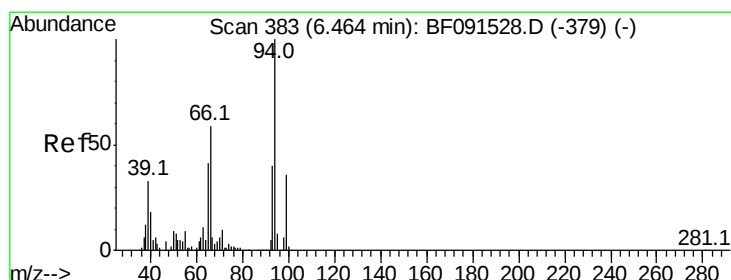
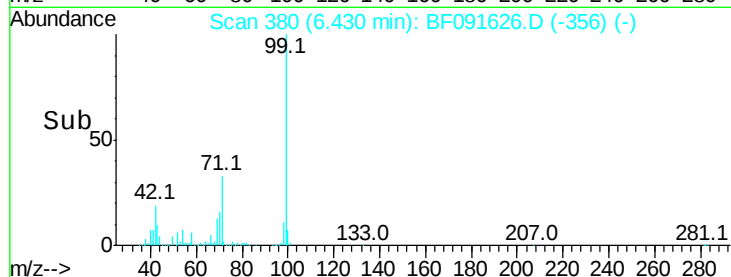
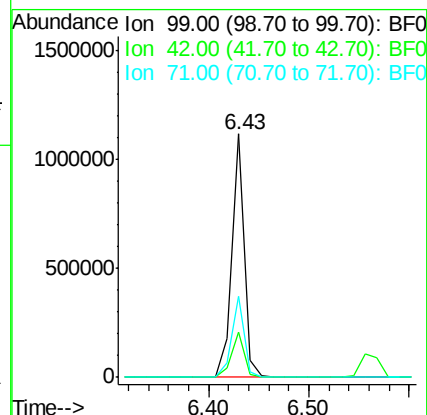
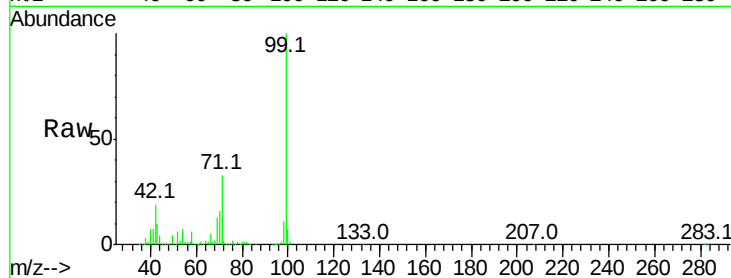
Tot Ion: 99 Resp: 954214

Ion Ratio Lower Upper

99 100

42 18.7 20.6 31.0#

71 33.5 29.9 44.9



#10

Phenol

Concen: 2.55 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

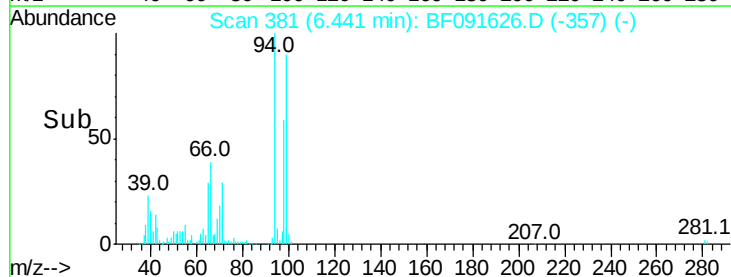
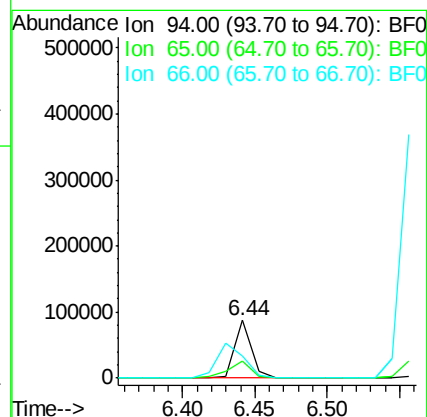
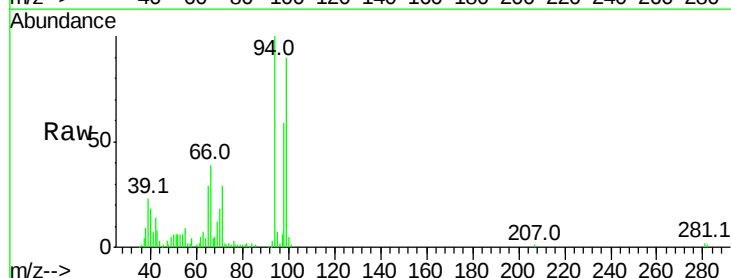
Tgt Ion: 94 Resp: 70130

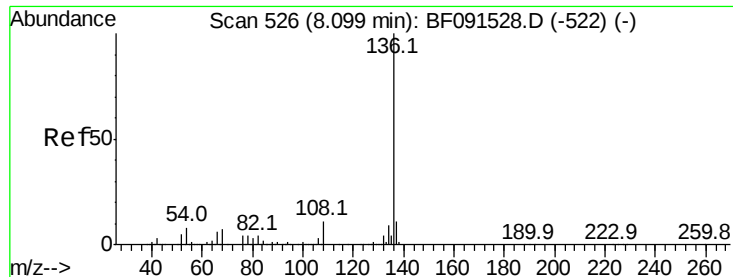
Ion Ratio Lower Upper

94 100

65 28.8 16.9 56.9

66 39.0 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

Instrument :

BNA_F

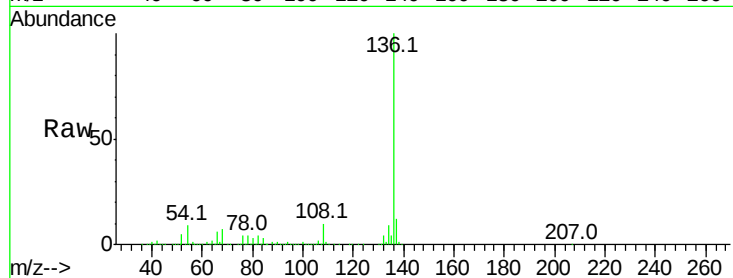
ClientSampleId :

MW-17

Tot Ion:136 Resp: 1231853

Ion Ratio Lower Upper

136	100		
137	11.5	9.1	13.7
54	9.1	9.1	13.7#
68	7.1	5.9	8.9

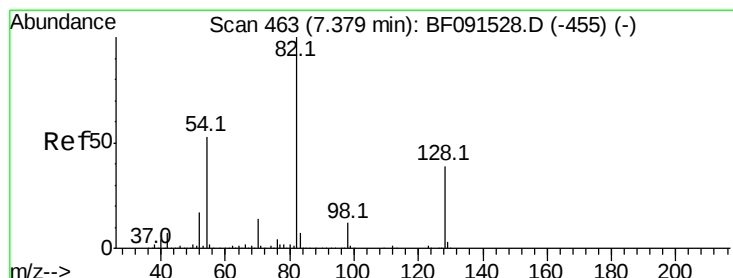
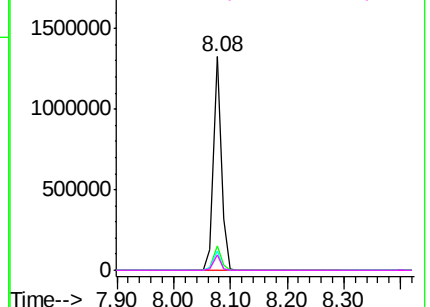
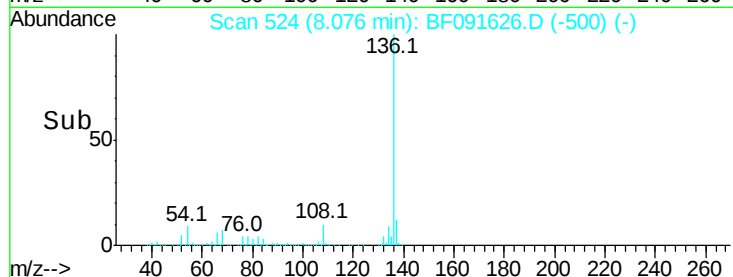


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.05 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

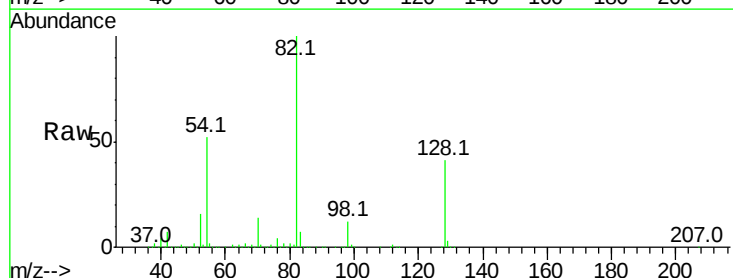
Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

Tgt Ion: 82 Resp: 1722732

Ion Ratio Lower Upper

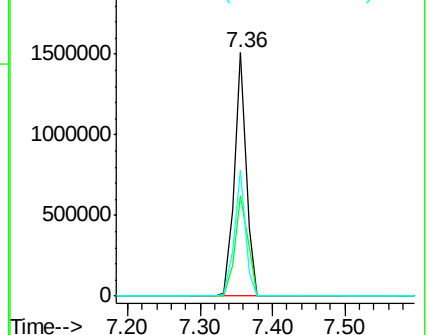
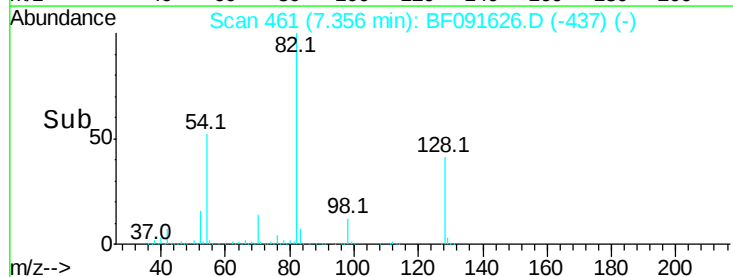
82	100		
128	41.4	31.8	47.6
54	51.9	49.1	73.7

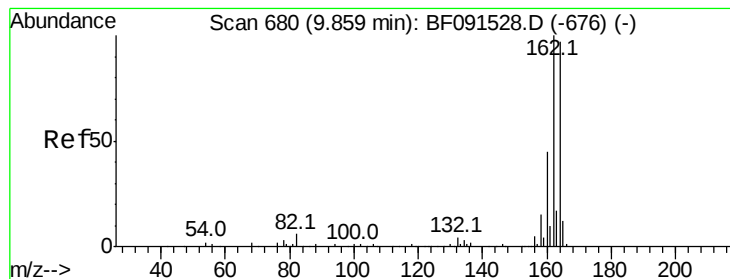


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

Instrument :

BNA_F

ClientSampleId :

MW-17

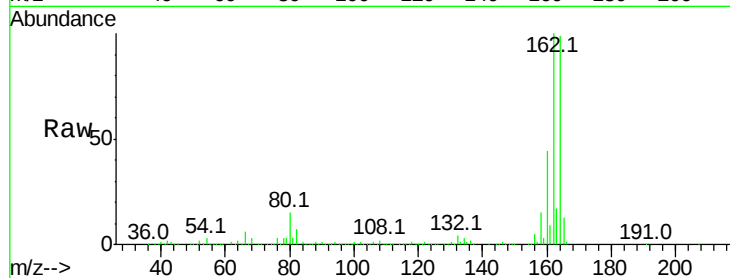
Tot Ion:164 Resp: 682477

Ion Ratio Lower Upper

164 100

162 101.3 82.6 124.0

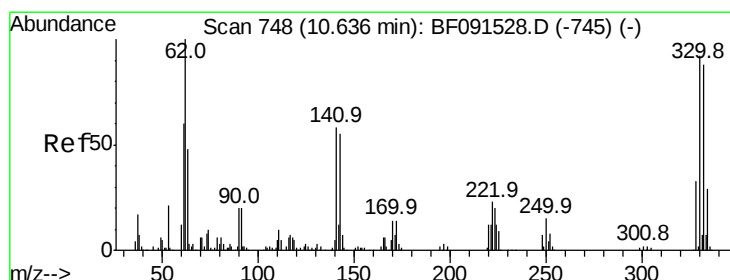
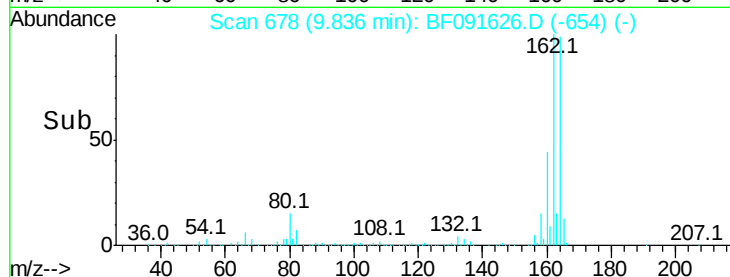
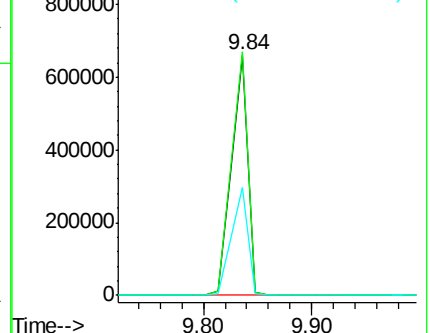
160 44.9 36.7 55.1



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: 117.21 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

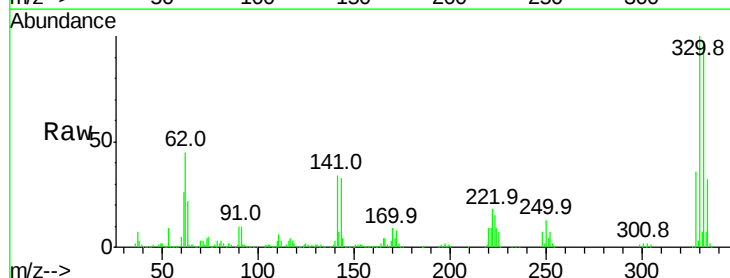
Tgt Ion:330 Resp: 664420

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

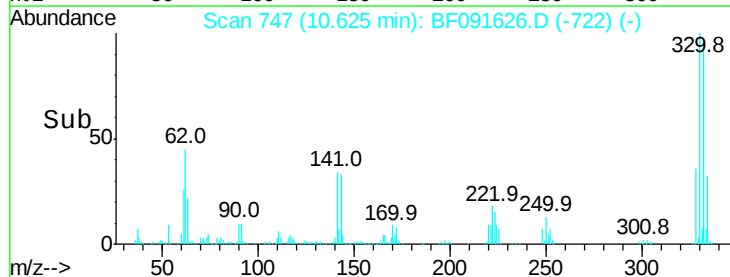
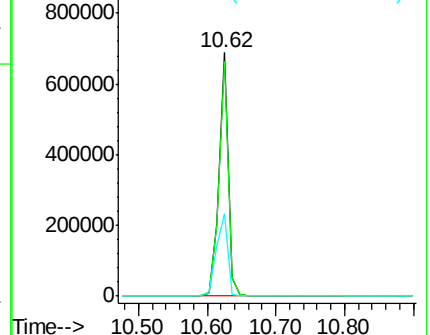
141 40.7 33.6 50.4

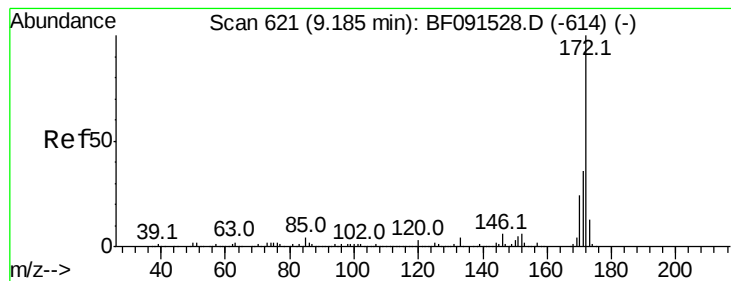


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

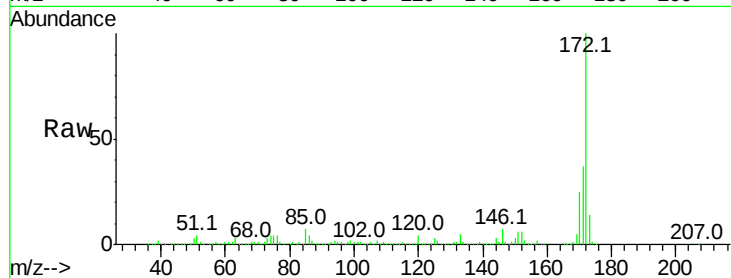




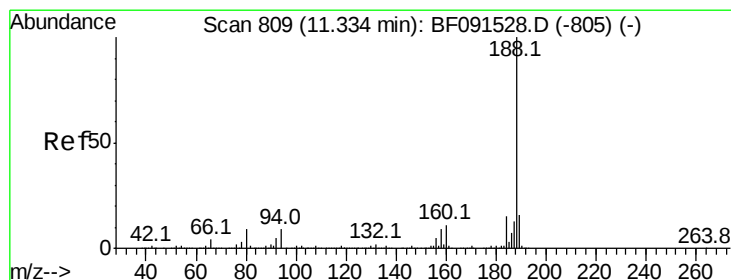
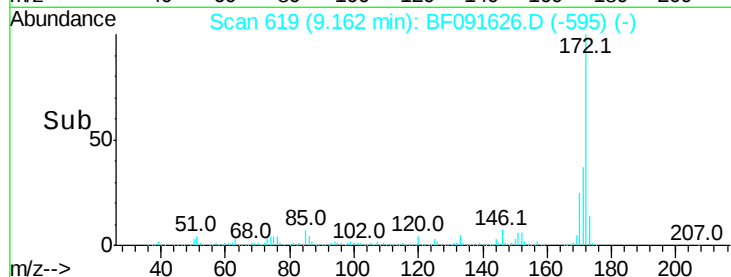
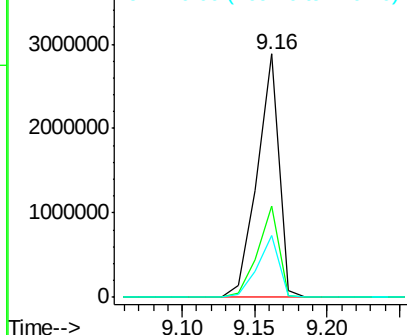
#44
2-Fluorobiphenyl
Concen: 76.21 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091626.D
Acq: 15 Dec 2016 12:39

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:172 Resp: 3009982
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 25.1 19.7 29.5

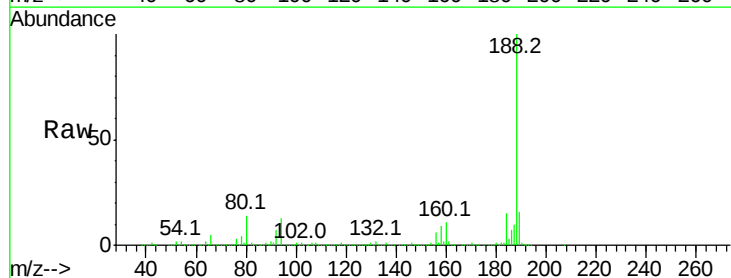


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

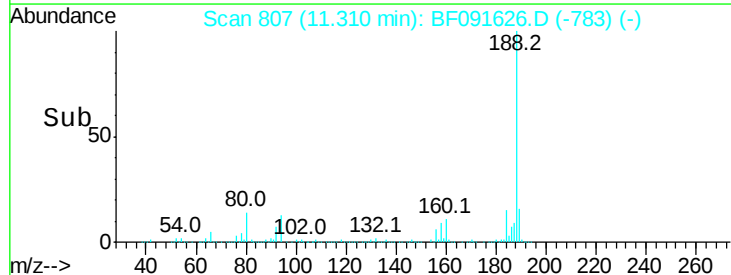
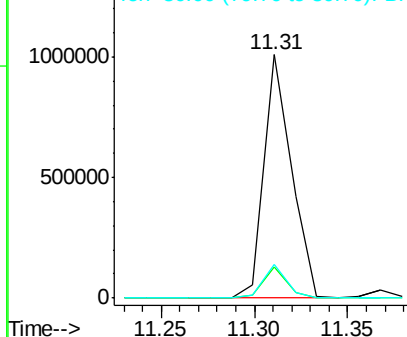


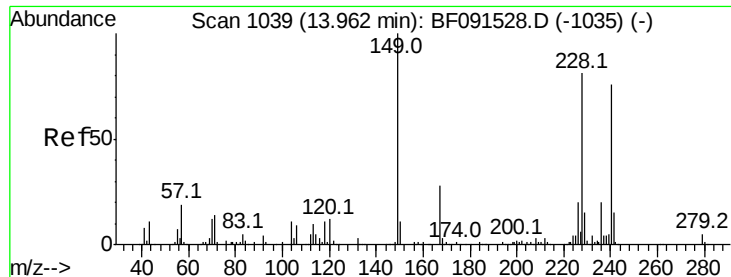
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091626.D
Acq: 15 Dec 2016 12:39

Tgt Ion:188 Resp: 1022494
Ion Ratio Lower Upper
188 100
94 13.0 9.2 13.8
80 14.0 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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

Instrument :

BNA_F

ClientSampleId :

MW-17

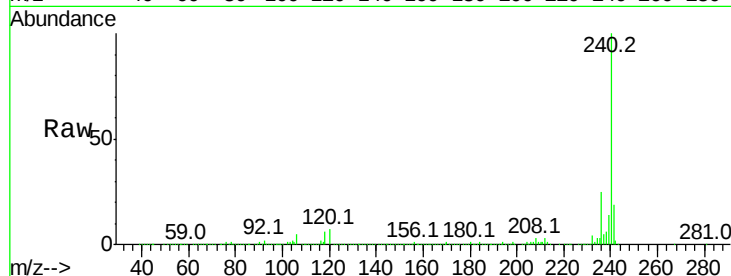
Tot Ion:240 Resp: 772994

Ion Ratio Lower Upper

240 100

120 7.0 12.1 18.1#

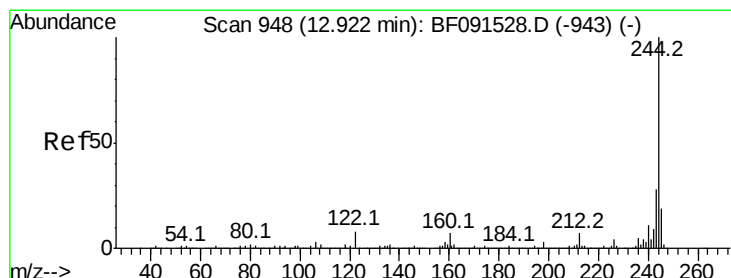
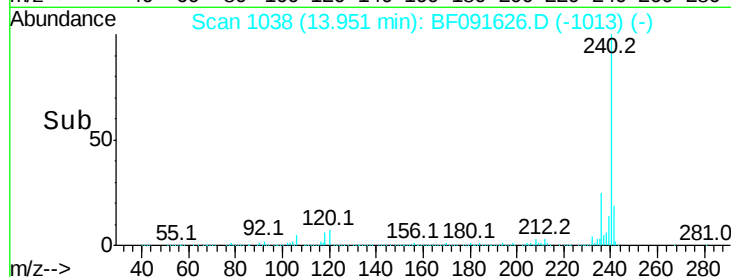
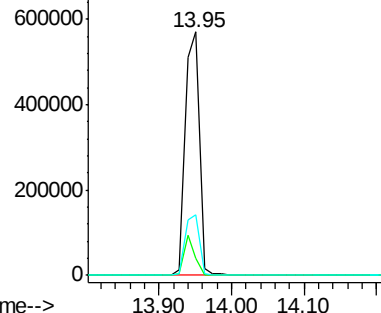
236 24.7 21.0 31.6



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: 85.13 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091626.D

Acq: 15 Dec 2016 12:39

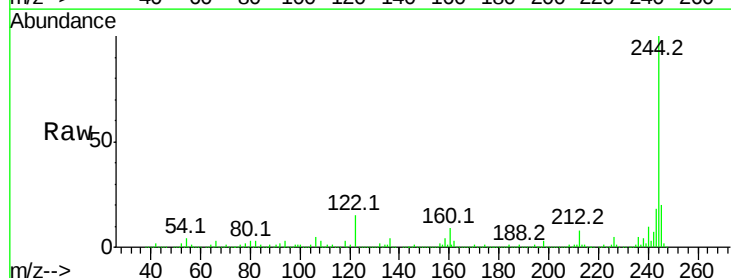
Tgt Ion:244 Resp: 2900092

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

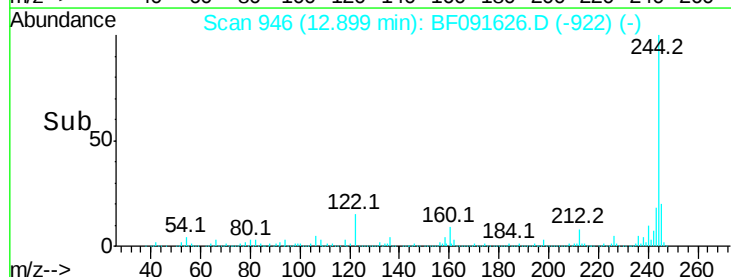
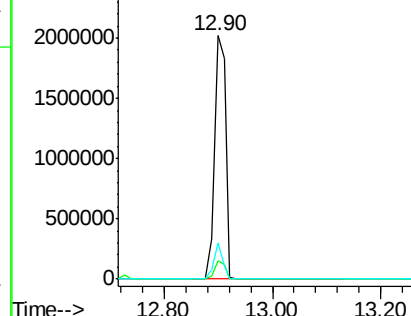
122 14.6 9.5 14.3#

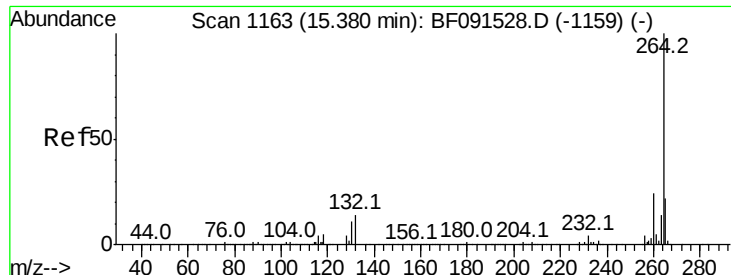


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

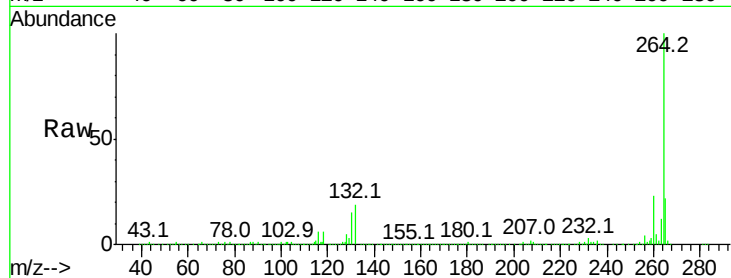




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF091626.D
 Acq: 15 Dec 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

