

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091151.D
 Acq On : 11 Nov 2016 20:19
 Operator : UM/SJ
 Sample : H5609-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Quant Time: Nov 12 00:21:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

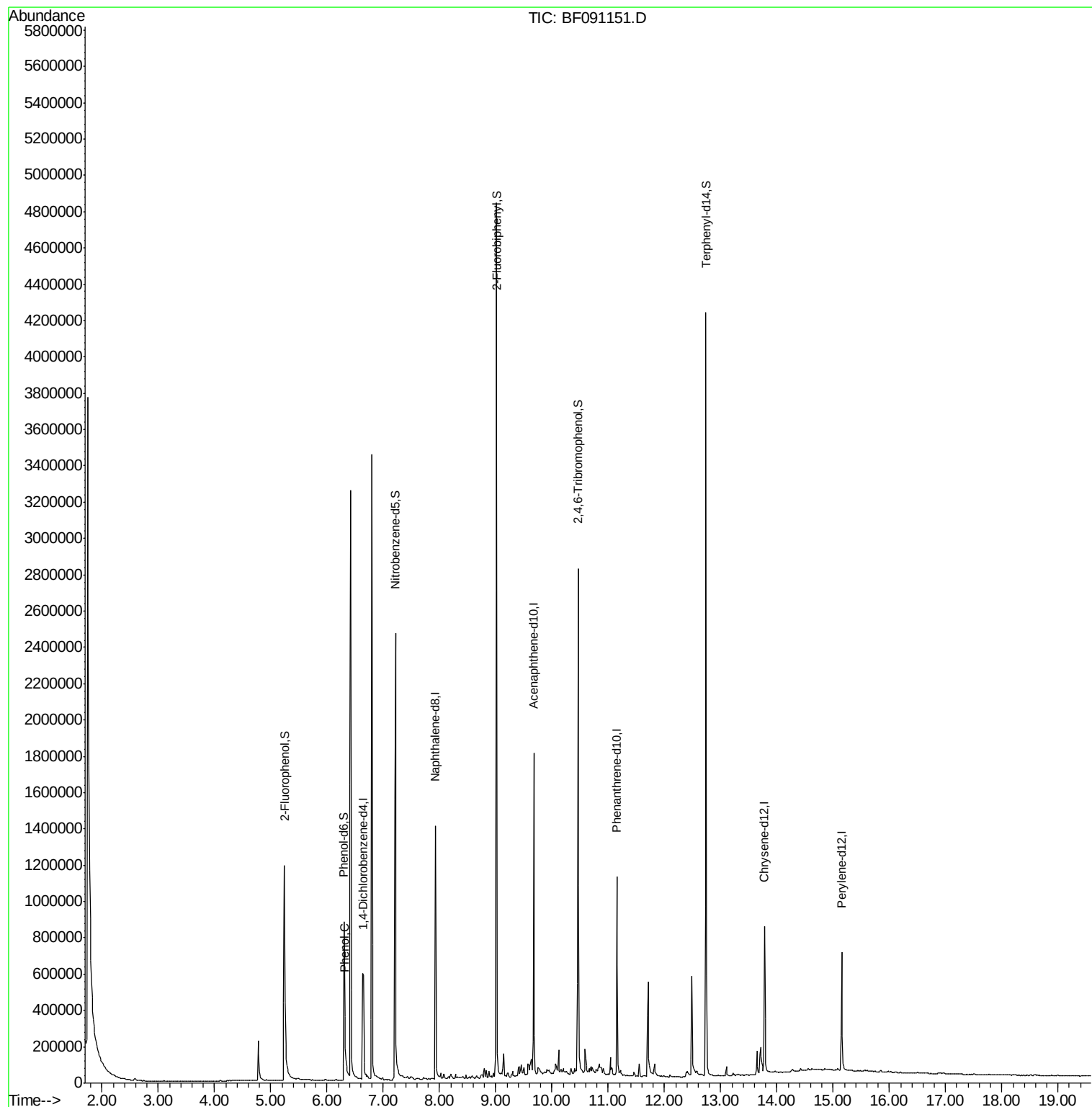
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	147485	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	650092	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	329141	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	463421	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	277852	20.00	ng	-0.03
86) Perylene-d12	15.15	264	258501	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	535395	59.95	ng	0.00
7) Phenol-d6	6.30	99	459576	37.92	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1144116	96.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	402633	135.31	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1812210	94.79	ng	-0.02
78) Terphenyl-d14	12.74	244	1276519	114.65	ng	-0.02
Target Compounds						
10) Phenol	6.32	94	28960	2.16	ng	Qvalue 88

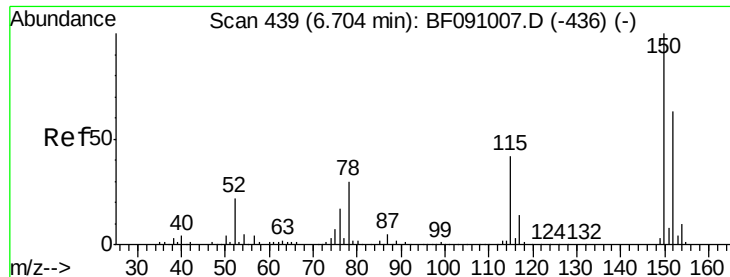
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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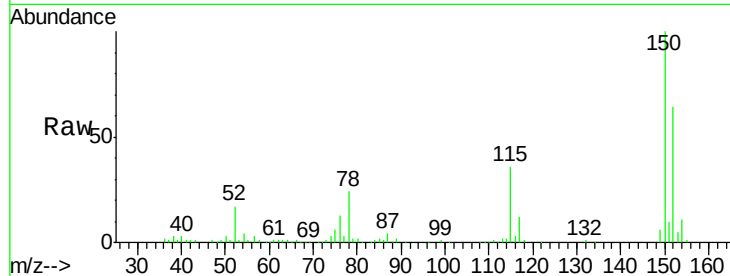


#1

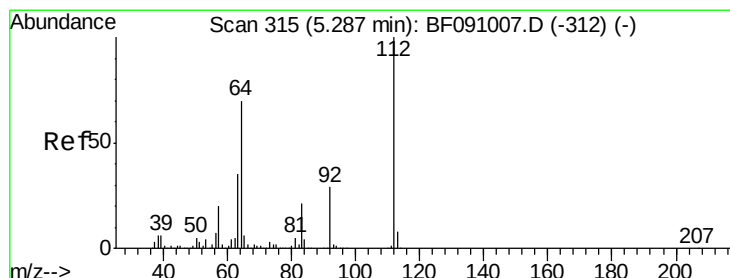
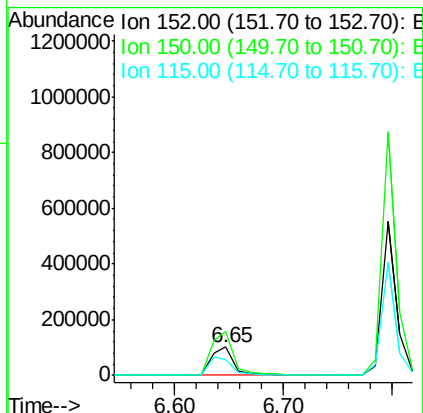
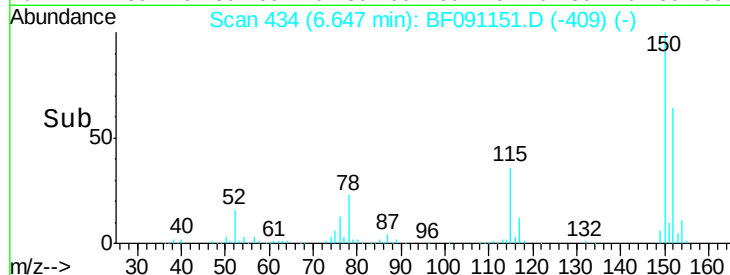
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091151.D
Acq: 11 Nov 2016 20:19

Instrument :
BNA_F
ClientSampleId :
MW-15R

Tot Ion:152 Resp: 147485
Ion Ratio Lower Upper
152 100
150 155.9 126.8 190.2
115 56.6 53.3 79.9



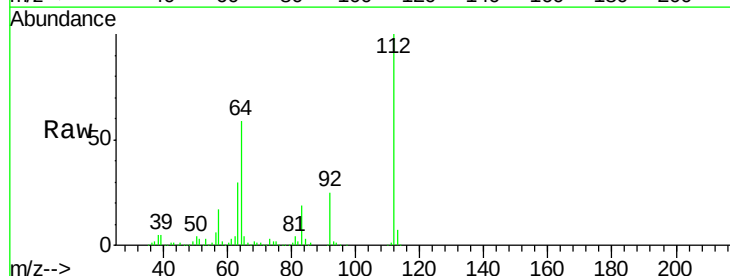
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



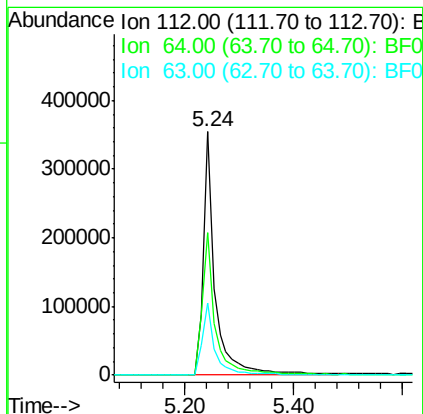
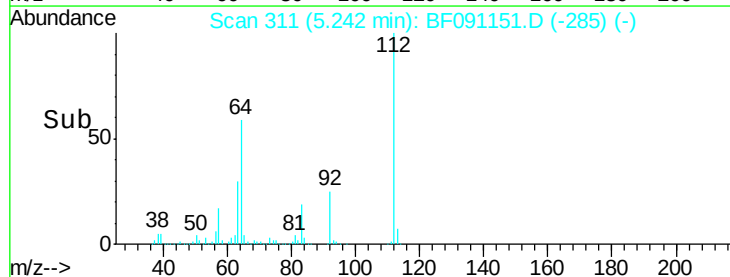
#5

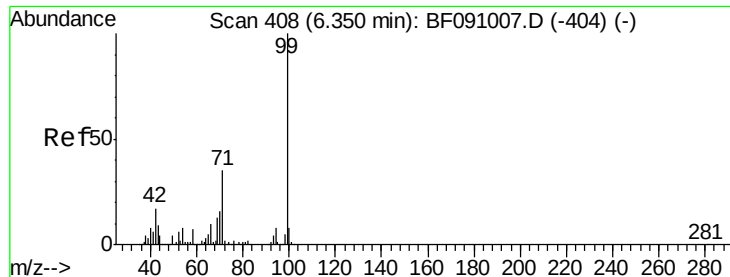
2-Fluorophenol
Concen: 59.95 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091151.D
Acq: 11 Nov 2016 20:19

Tgt Ion:112 Resp: 535395
Ion Ratio Lower Upper
112 100
64 58.7 55.8 83.6
63 29.6 28.0 42.0



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: 37.92 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091151.D

Acq: 11 Nov 2016 20:19

Instrument :

BNA_F

ClientSampleId :

MW-15R

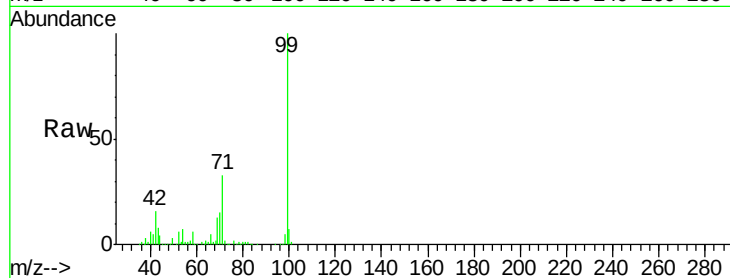
Tot Ion: 99 Resp: 459576

Ion Ratio Lower Upper

99 100

42 15.8 13.9 20.9

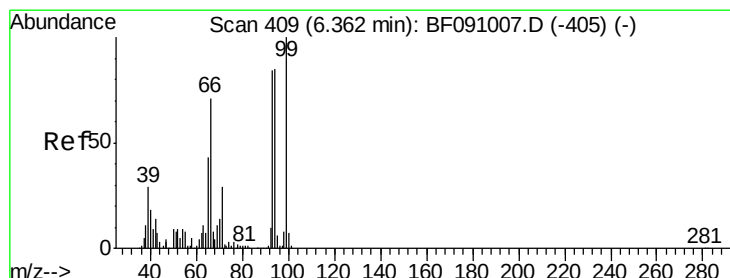
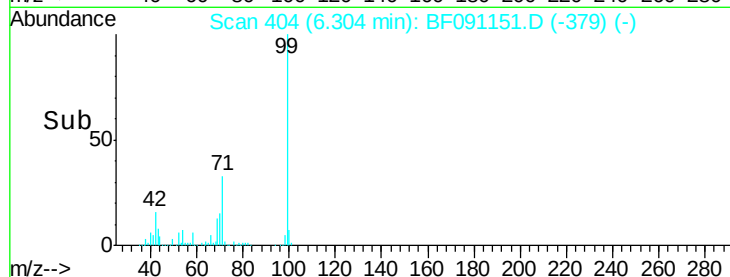
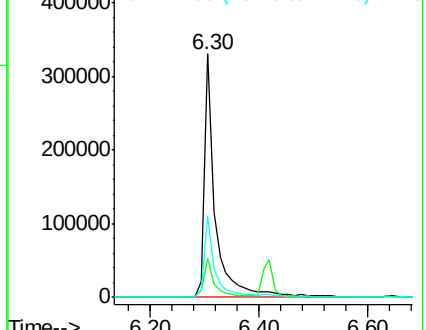
71 33.3 27.8 41.8



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



#10

Phenol

Concen: 2.16 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091151.D

Acq: 11 Nov 2016 20:19

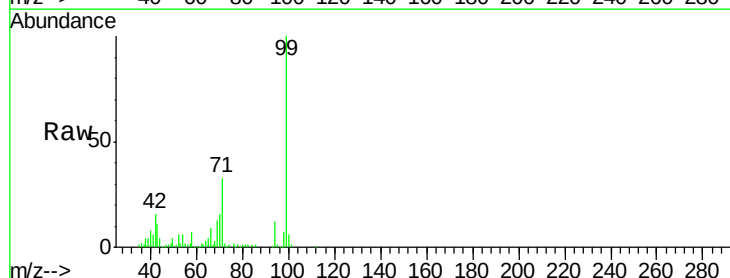
Tgt Ion: 94 Resp: 28960

Ion Ratio Lower Upper

94 100

65 37.4 30.4 70.4

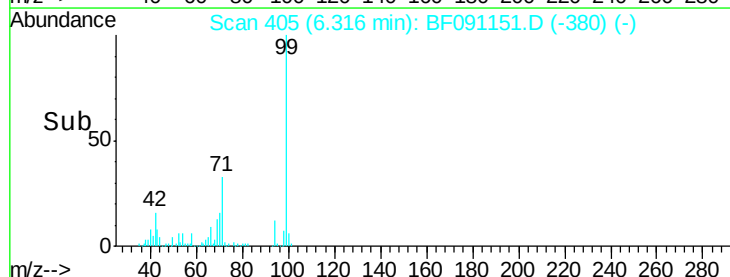
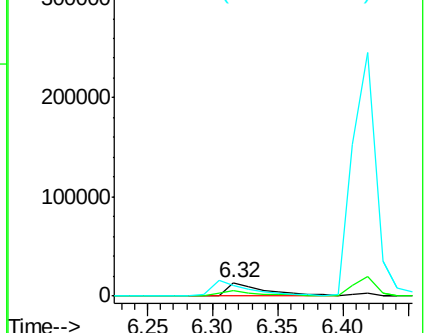
66 76.4 62.9 102.9

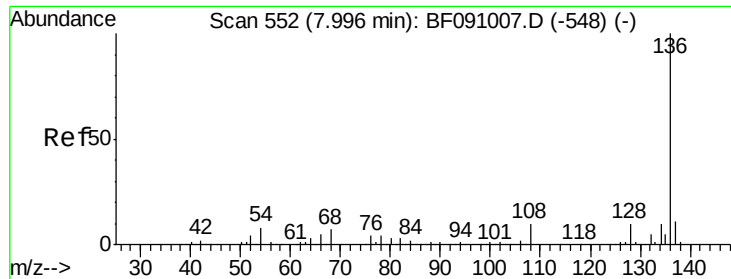


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

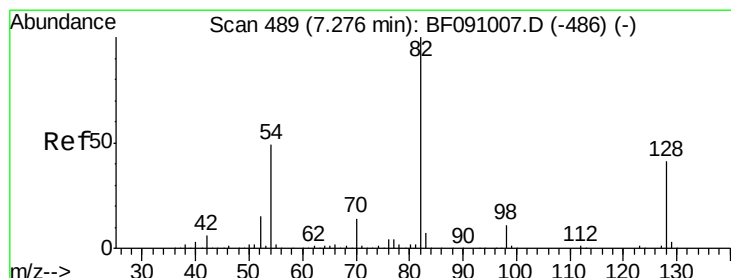
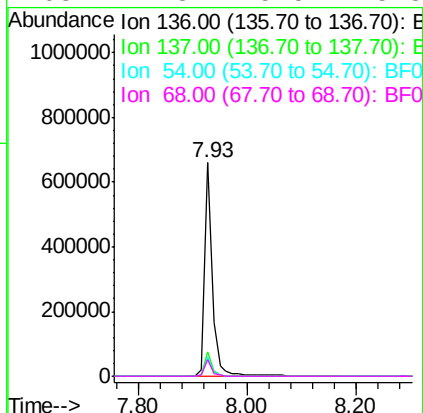
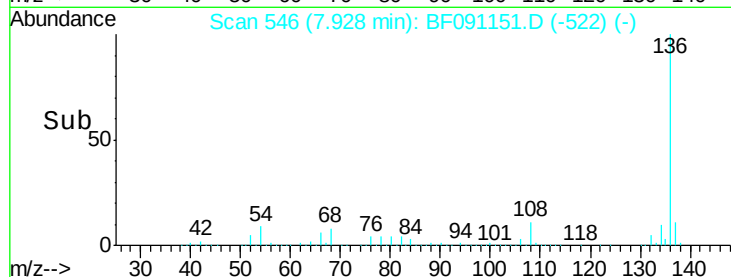
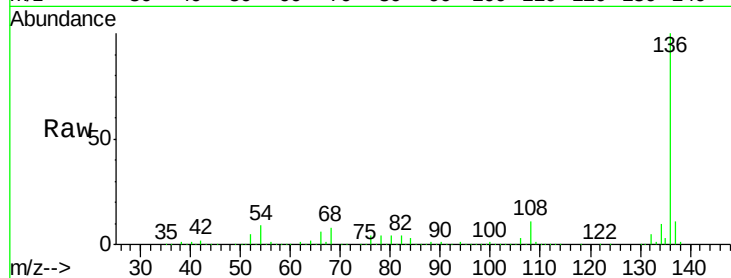




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091151.D
Acq: 11 Nov 2016 20:19

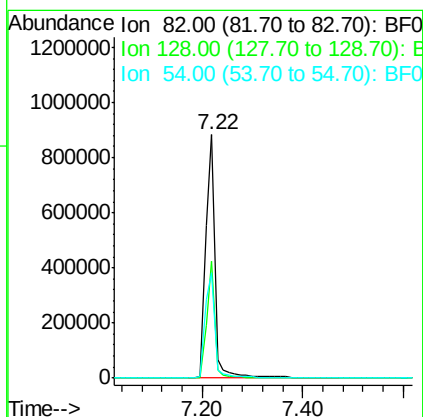
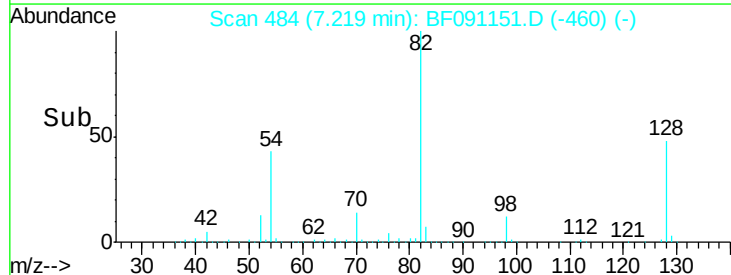
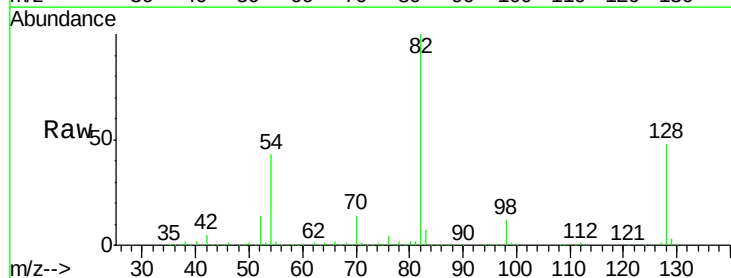
Instrument :
BNA_F
ClientSampled :
MW-15R

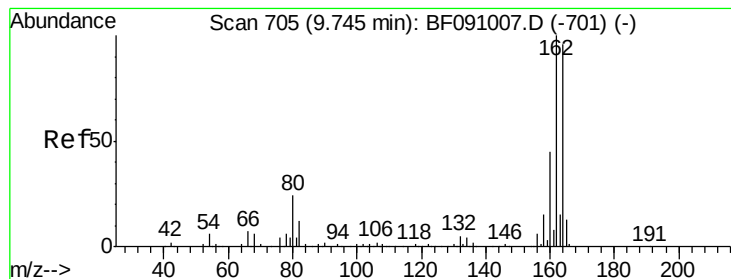
Tot Ion:136	Resp:	650092
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	9.2	6.2 9.2
68	7.8	5.5 8.3



#23
Nitrobenzene-d5
Concen: 96.01 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091151.D
Acq: 11 Nov 2016 20:19

Tgt Ion: 82	Resp: 1144116
Ion Ratio	Lower Upper
82	100
128	48.1 32.4 48.6
54	43.4 39.2 58.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091151.D

Acq: 11 Nov 2016 20:19

Instrument :

BNA_F

ClientSampleId :

MW-15R

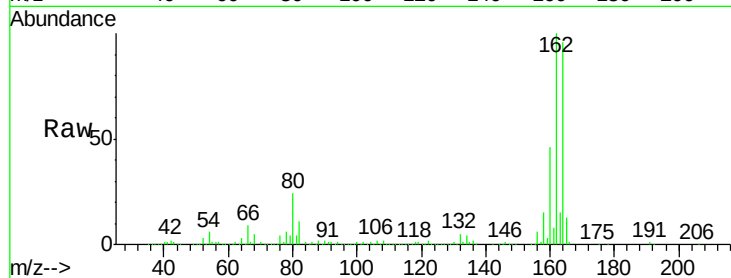
Tot Ion:164 Resp: 329141

Ion Ratio Lower Upper

164 100

162 104.3 83.6 125.4

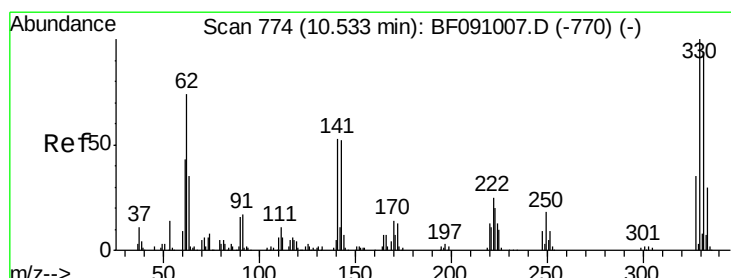
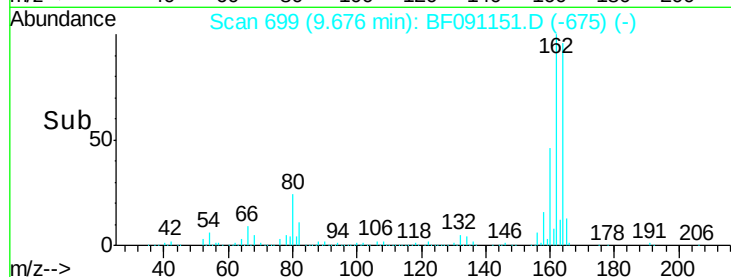
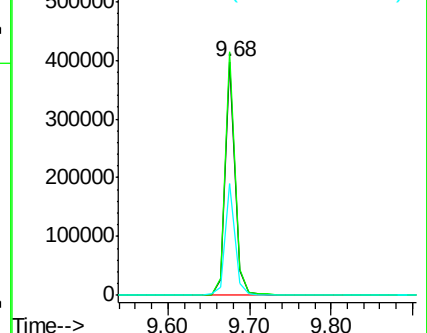
160 48.1 37.9 56.9



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: 135.31 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091151.D

Acq: 11 Nov 2016 20:19

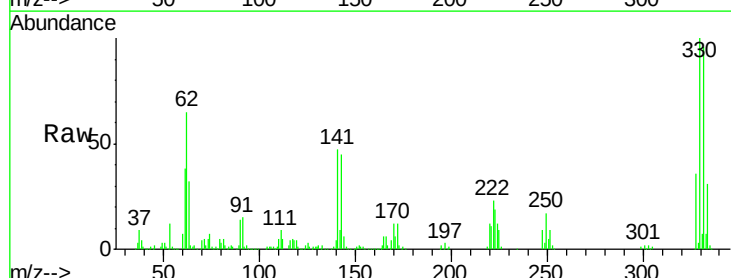
Tgt Ion:330 Resp: 402633

Ion Ratio Lower Upper

330 100

332 97.0 75.9 113.9

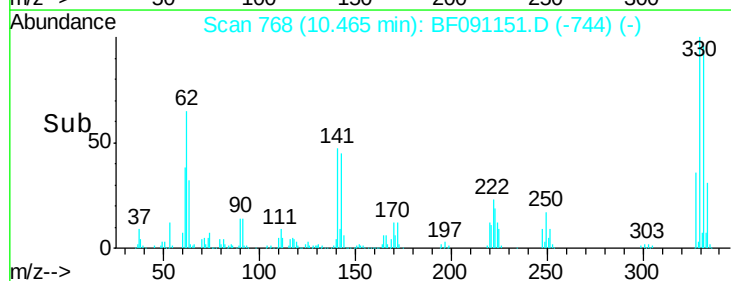
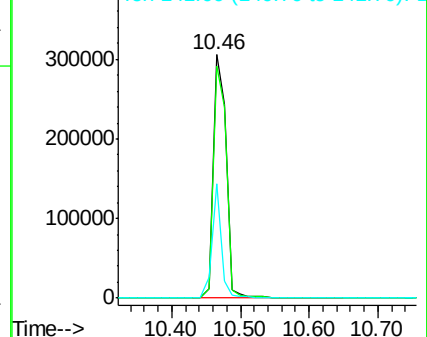
141 34.6 36.1 54.1#

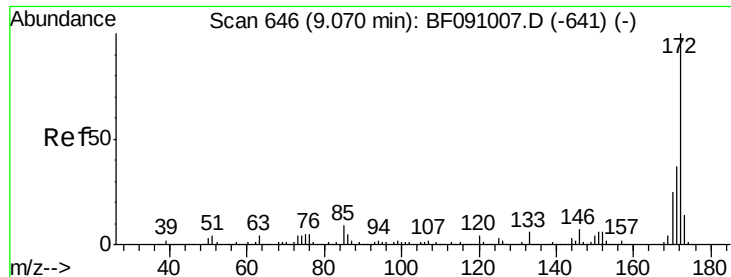


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

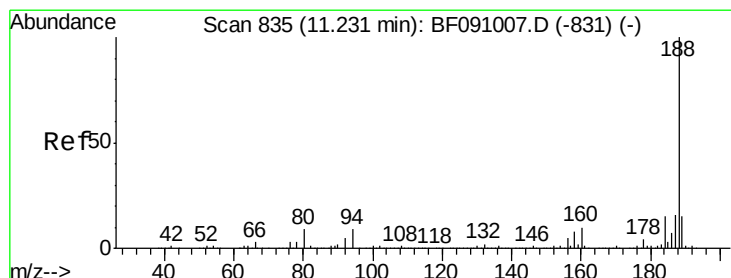
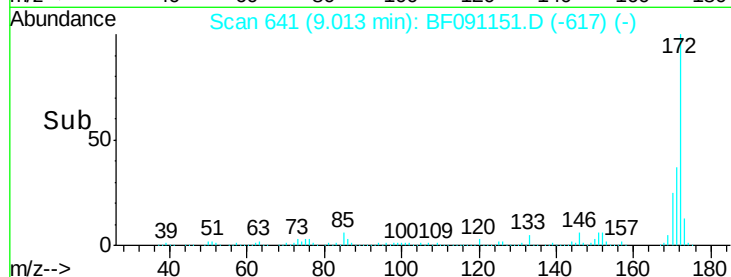
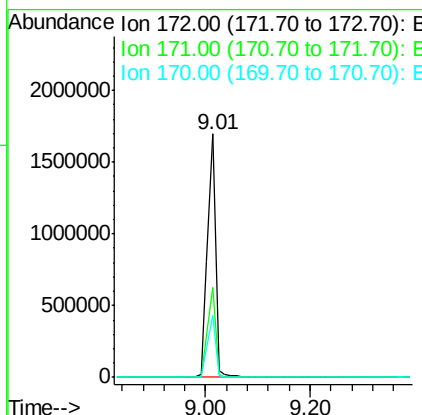
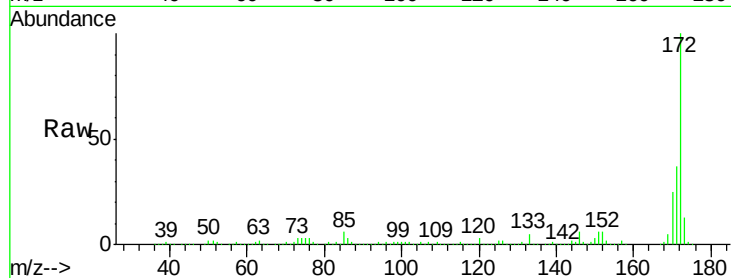




#44
2-Fluorobiphenyl
Concen: 94.79 ng
RT: 9.01 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF091151.D
Acq: 11 Nov 2016 20:19

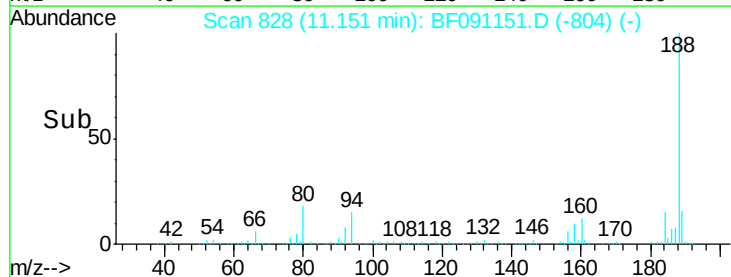
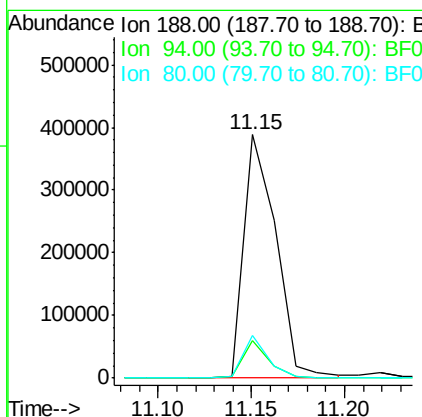
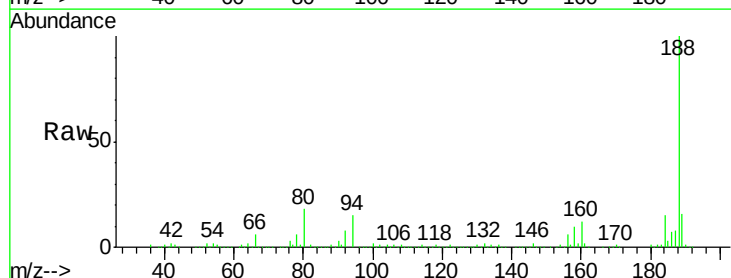
Instrument :
BNA_F
ClientSampleId :
MW-15R

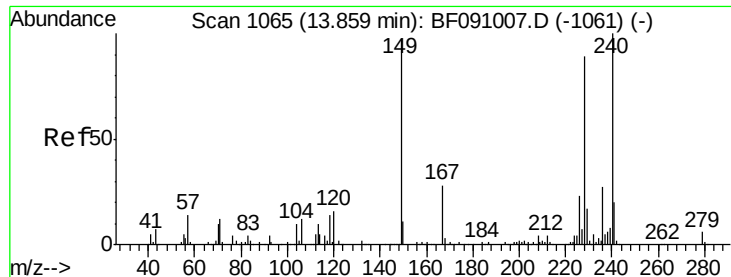
Tot Ion:172 Resp: 1812210
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.5 20.3 30.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091151.D
Acq: 11 Nov 2016 20:19

Tgt Ion:188 Resp: 463421
Ion Ratio Lower Upper
188 100
94 15.4 7.0 10.4#
80 17.6 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091151.D

Acq: 11 Nov 2016 20:19

Instrument :

BNA_F

ClientSampleId :

MW-15R

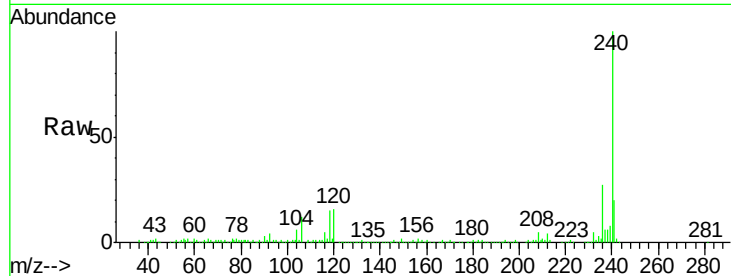
Tot Ion:240 Resp: 277852

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

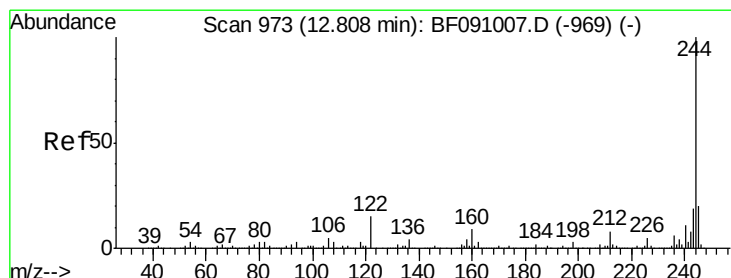
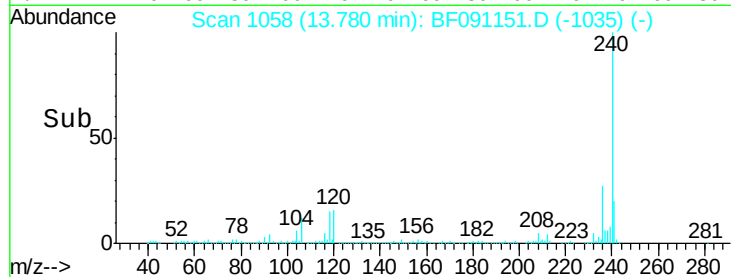
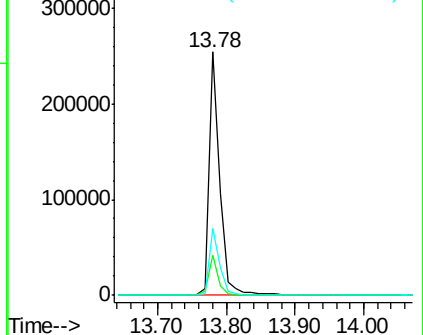
236 27.5 21.9 32.9



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: 114.65 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091151.D

Acq: 11 Nov 2016 20:19

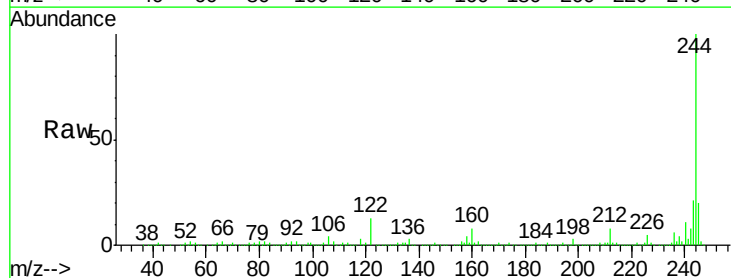
Tgt Ion:244 Resp: 1276519

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

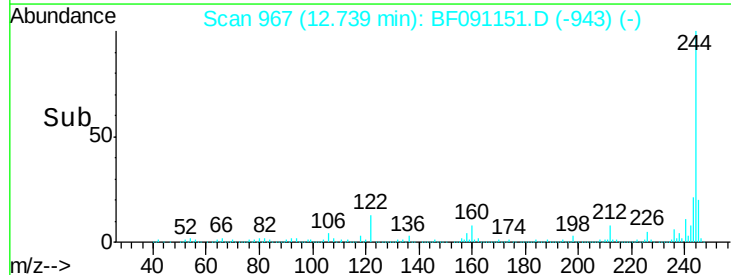
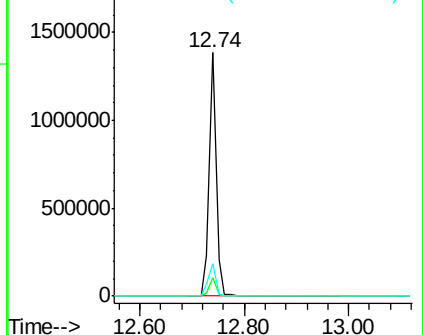
122 13.2 12.3 18.5

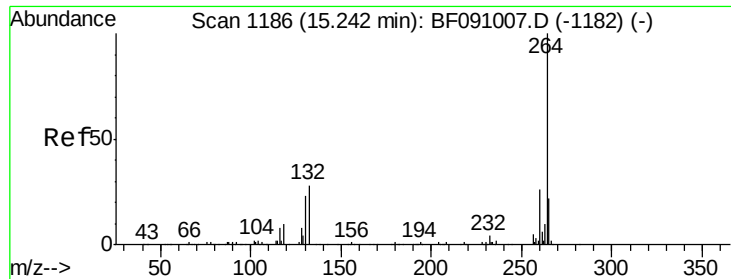


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



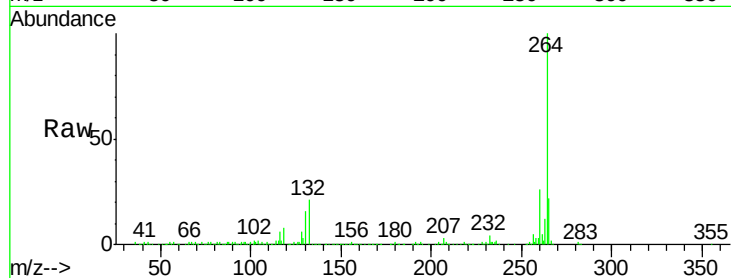


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091151.D
Acq: 11 Nov 2016 20:19

Instrument :
BNA_F
ClientSampleId :
MW-15R

Tot Ion: 264 Resp: 258501

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	21.8	17.8	26.8



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

