

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091790.D
 Acq On : 19 Dec 2016 23:10
 Operator : UM/SJ
 Sample : H6011-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Dec 20 00:27:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

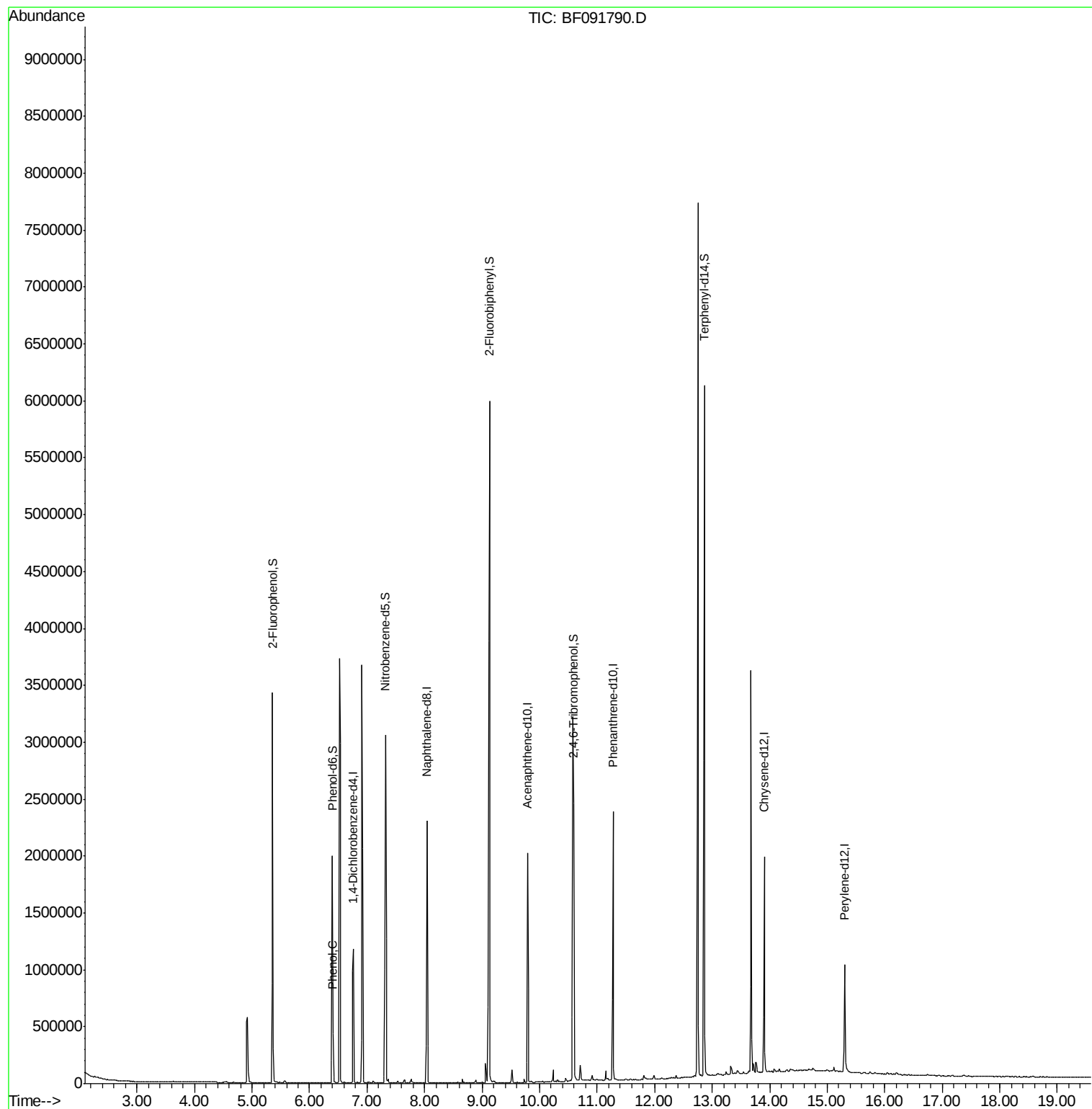
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	252086	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1017895	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	491416	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	881118	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	650430	20.00	ng	-0.02
86) Perylene-d12	15.30	264	516743	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	909701	60.46	ng	-0.01
7) Phenol-d6	6.40	99	612030	33.35	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1303619	73.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	585781	140.58	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2482657	101.50	ng	-0.01
78) Terphenyl-d14	12.86	244	2072023	80.44	ng	-0.01
Target Compounds						
10) Phenol	6.41	94	53143	2.57	ng	Qvalue # 75

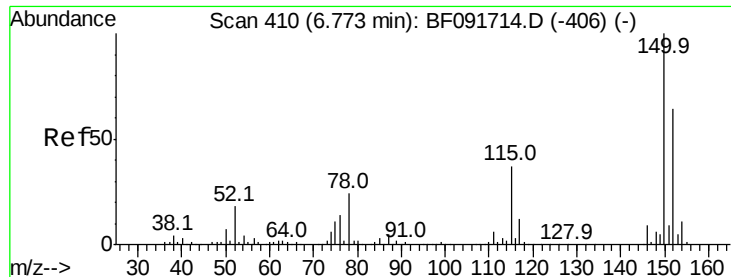
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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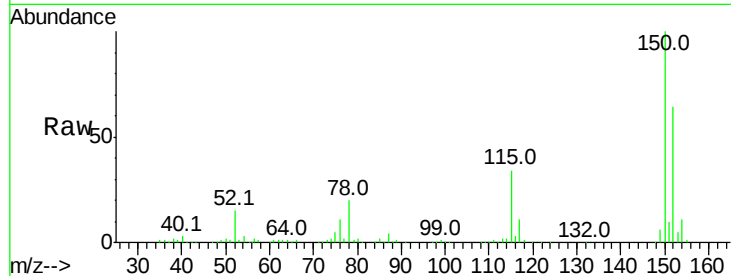


#1

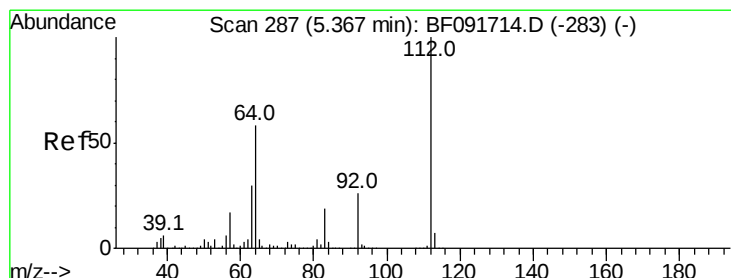
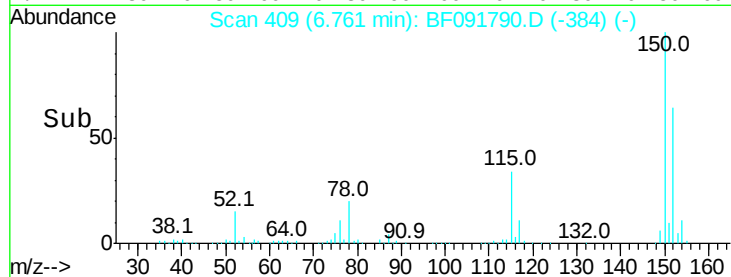
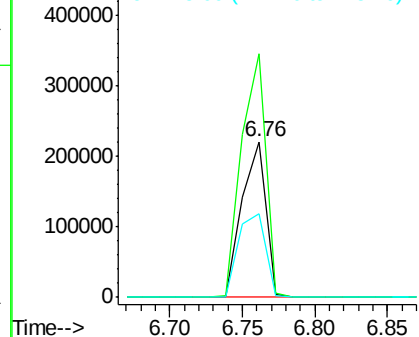
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tot Ion:152 Resp: 252086
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 53.5 46.0 69.0



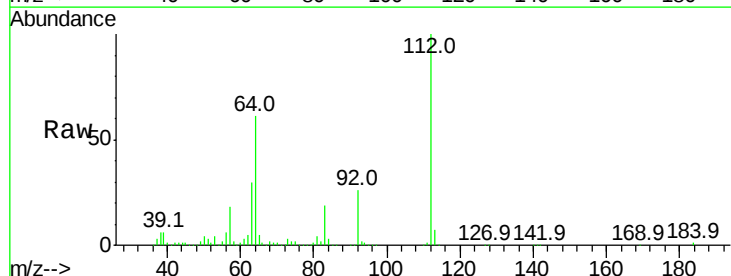
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



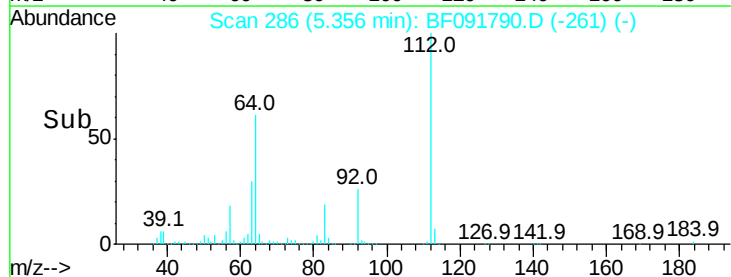
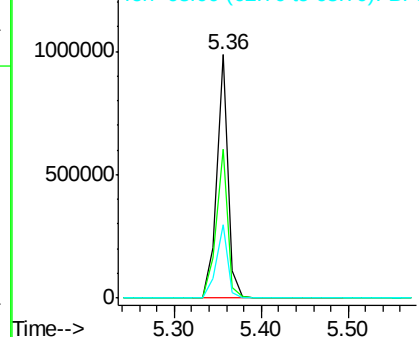
#5

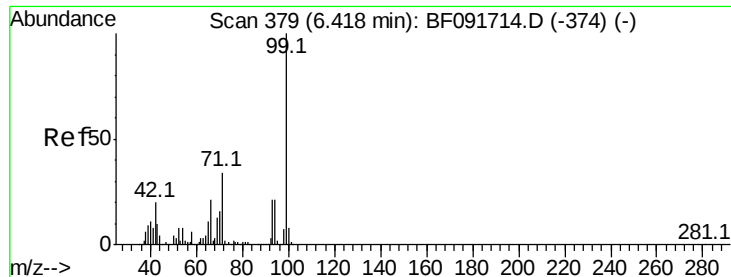
2-Fluorophenol
Concen: 60.46 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:112 Resp: 909701
Ion Ratio Lower Upper
112 100
64 61.0 46.1 69.1
63 30.3 23.8 35.6



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: 33.35 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Instrument :

BNA_F

ClientSampleId :

MW-23

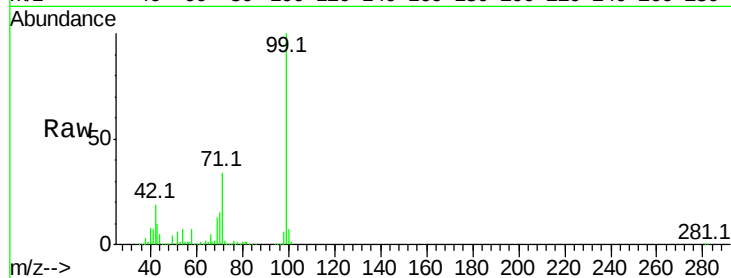
Tot Ion: 99 Resp: 612030

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

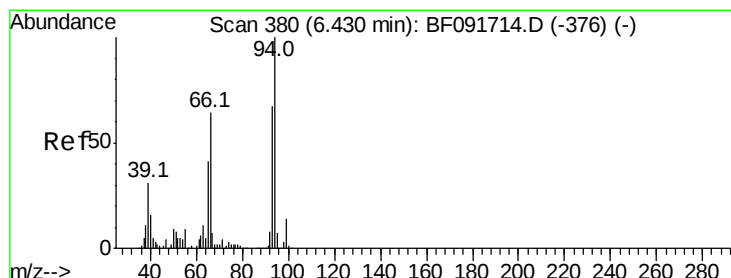
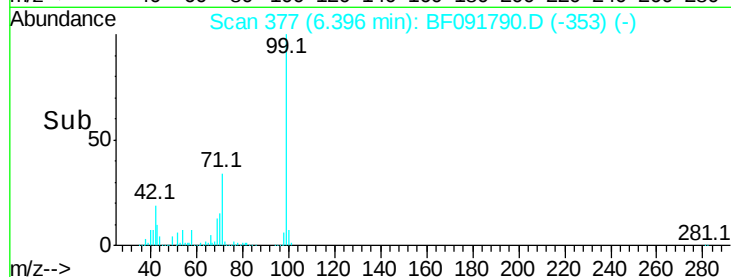
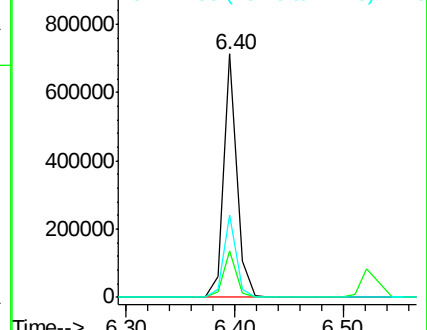
71 34.1 27.5 41.3



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: 2.57 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

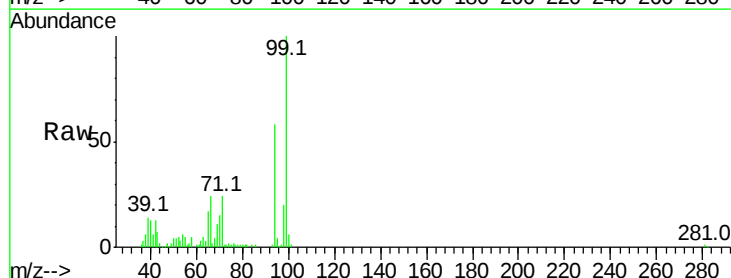
Tgt Ion: 94 Resp: 53143

Ion Ratio Lower Upper

94 100

65 29.3 21.4 61.4

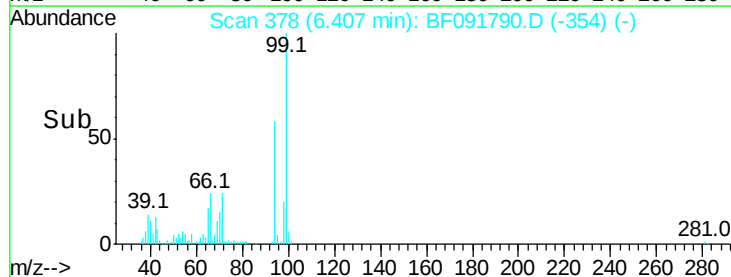
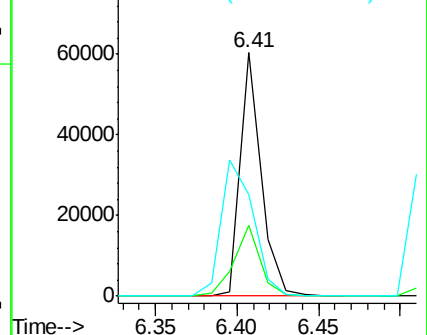
66 41.4 44.0 84.0#

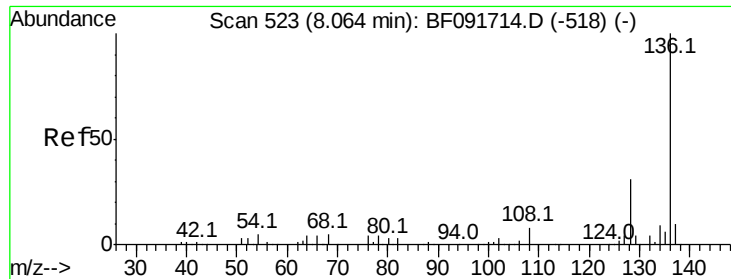


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

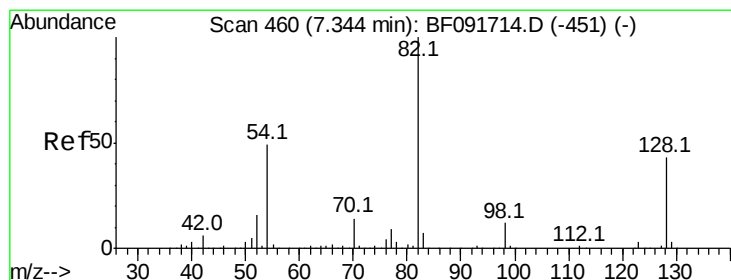
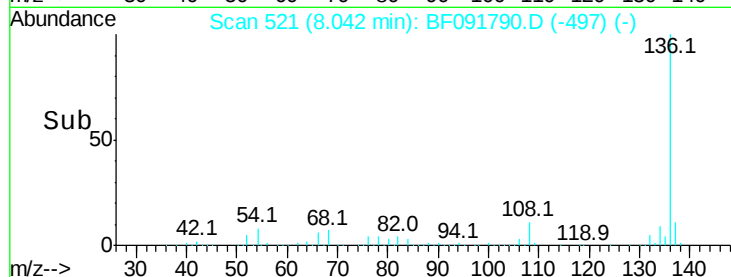
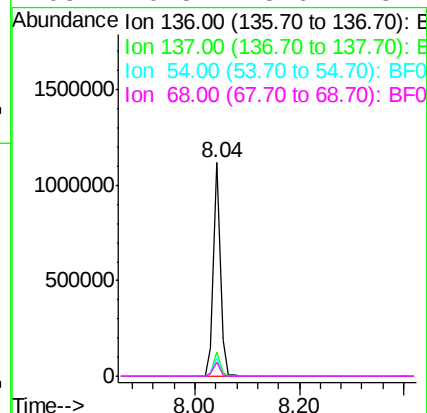
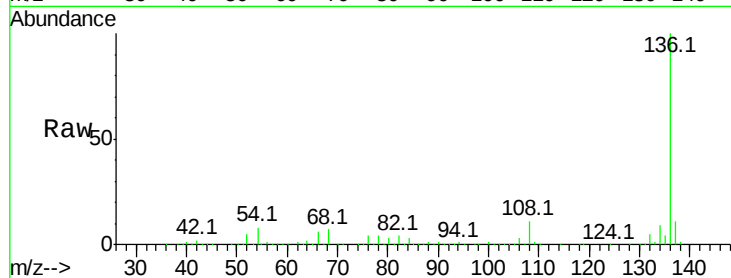




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

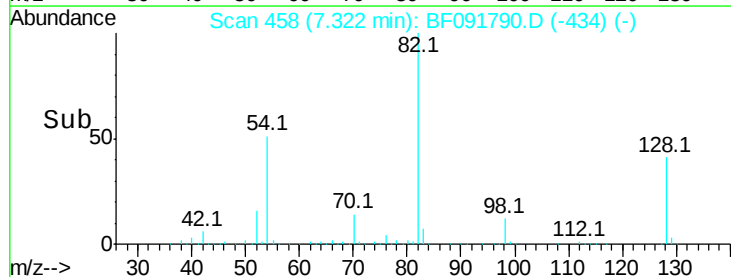
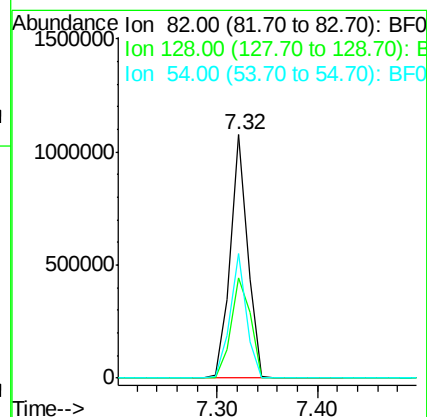
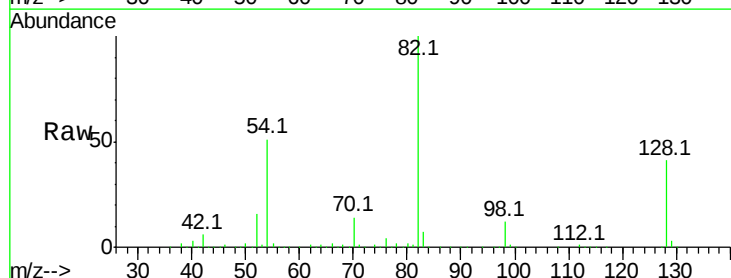
Instrument :
BNA_F
ClientSampleId :
MW-23

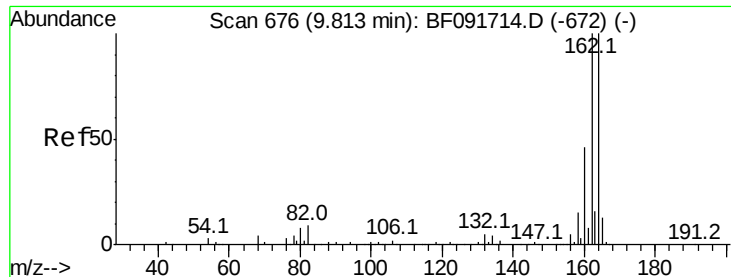
Tot Ion:136 Resp: 1017895
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.5 4.5 6.7#
68 6.8 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 73.86 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion: 82 Resp: 1303619
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 51.3 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Instrument :

BNA_F

ClientSampleId :

MW-23

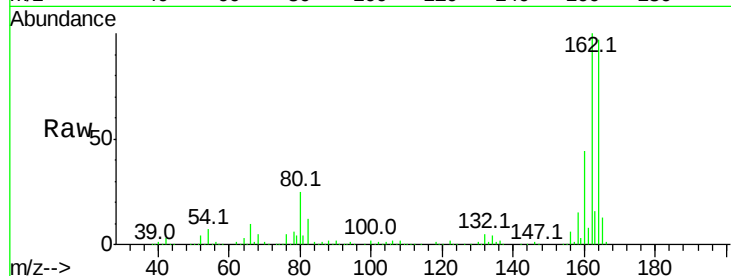
Tot Ion:164 Resp: 491416

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

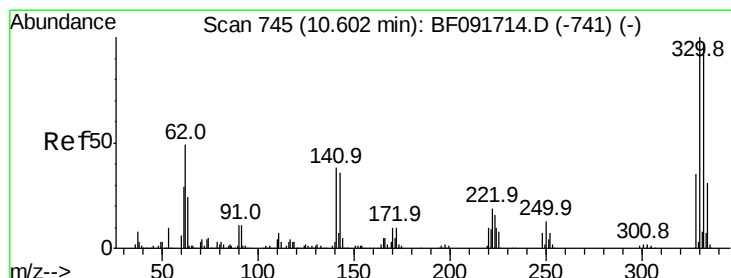
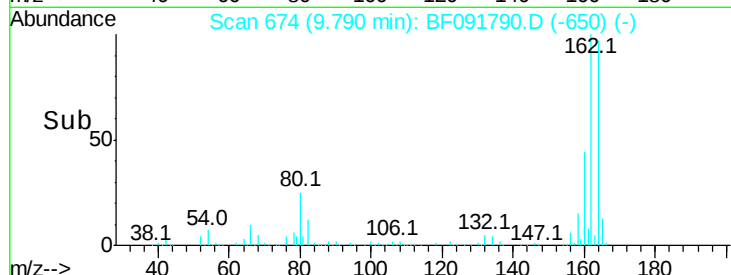
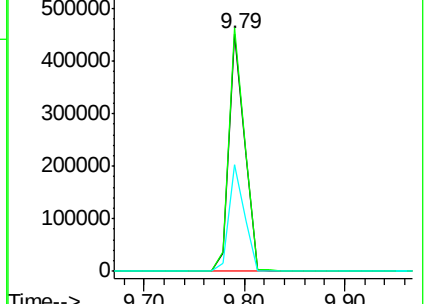
160 44.9 36.9 55.3



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: 140.58 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

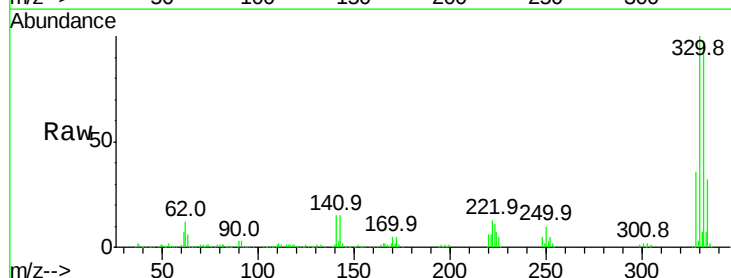
Tgt Ion:330 Resp: 585781

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

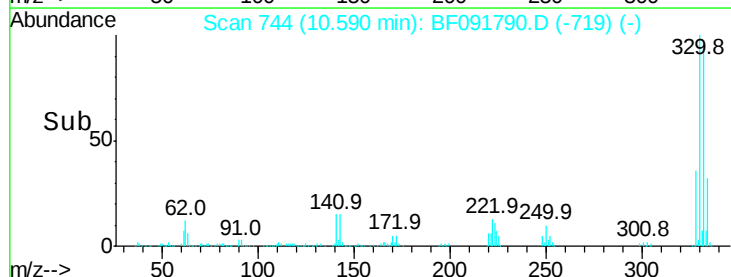
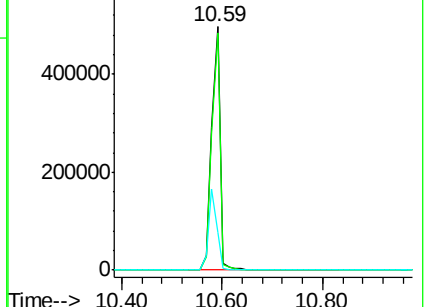
141 32.9 34.1 51.1#

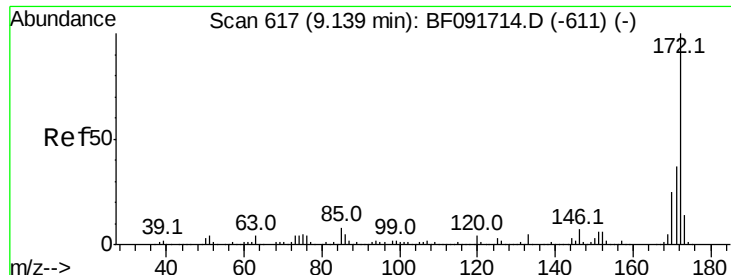


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



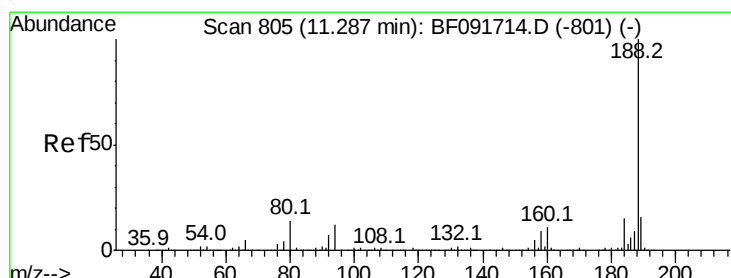
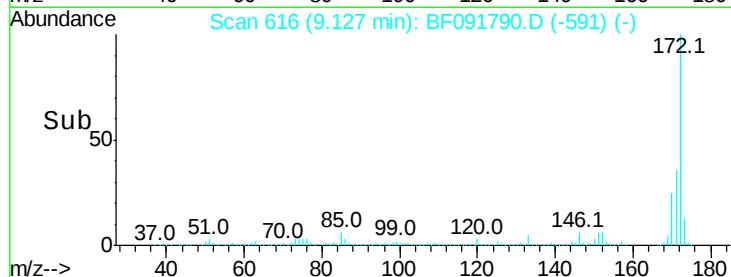
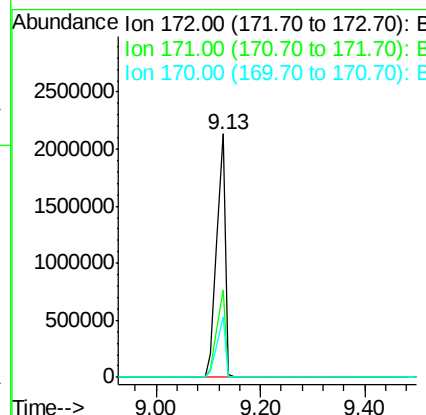
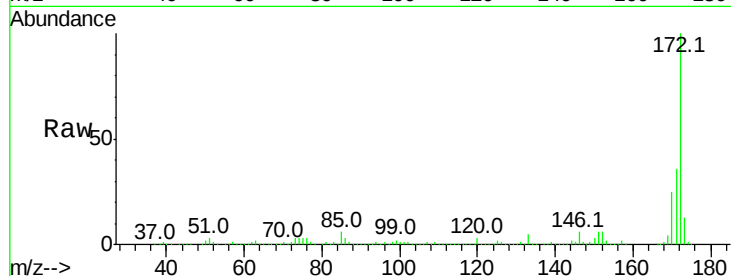


#44
 2-Fluorobiphenyl
 Concen: 101.50 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion:172 Resp: 2482657

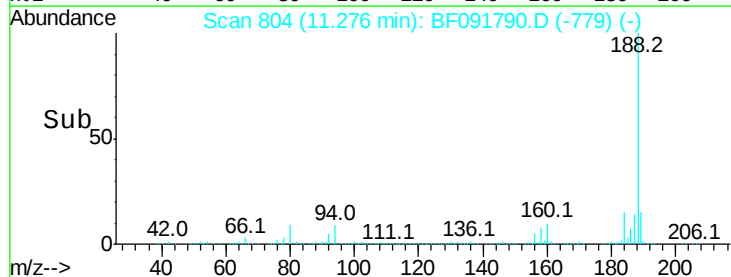
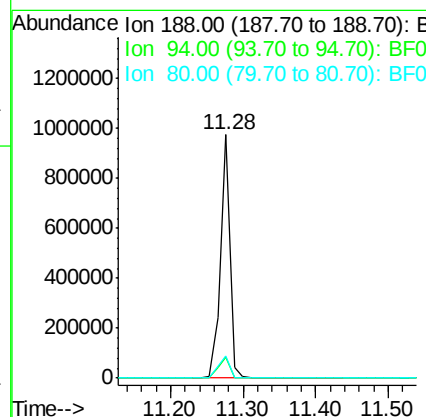
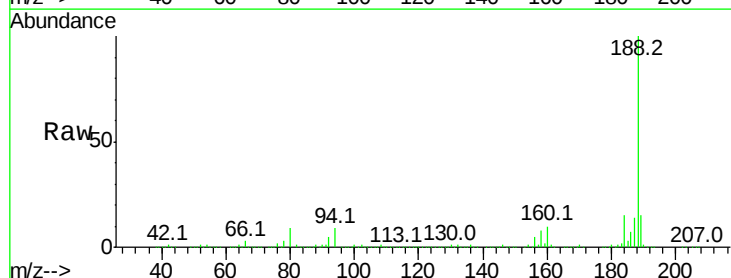
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.9	20.2	30.4

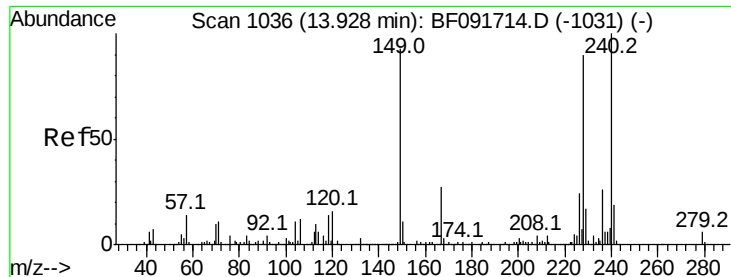


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF091790.D
 Acq: 19 Dec 2016 23:10

Tgt Ion:188 Resp: 881118

Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	9.0	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

Instrument :

BNA_F

ClientSampleId :

MW-23

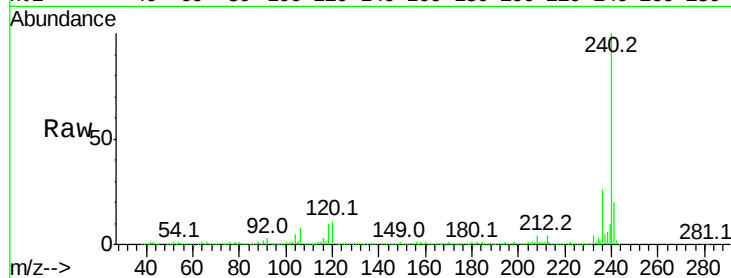
Tot Ion:240 Resp: 650430

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

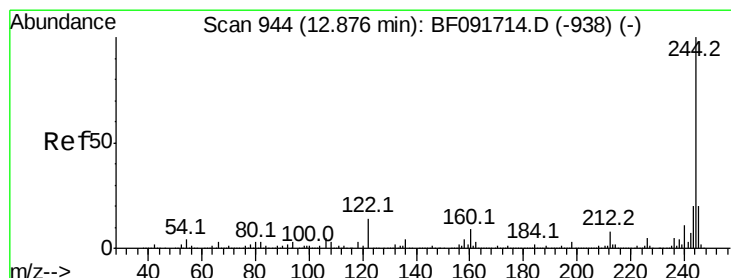
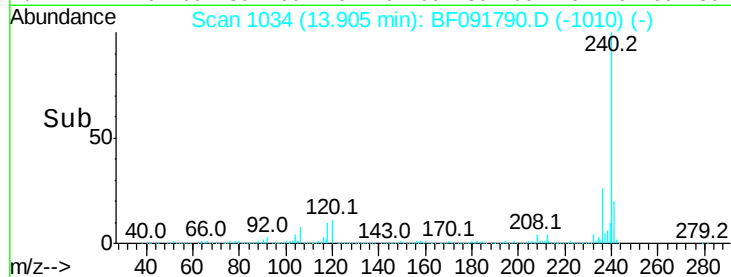
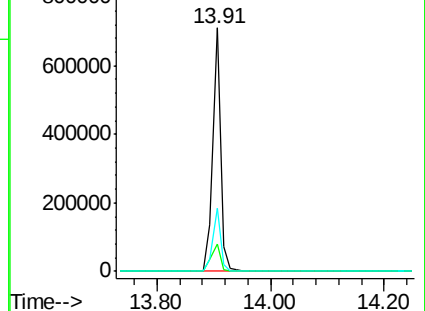
236 25.8 20.9 31.3



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: 80.44 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091790.D

Acq: 19 Dec 2016 23:10

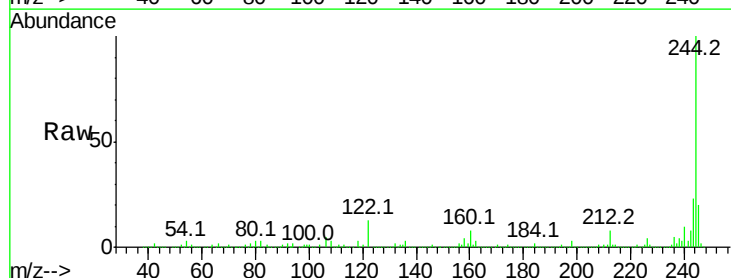
Tgt Ion:244 Resp: 2072023

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

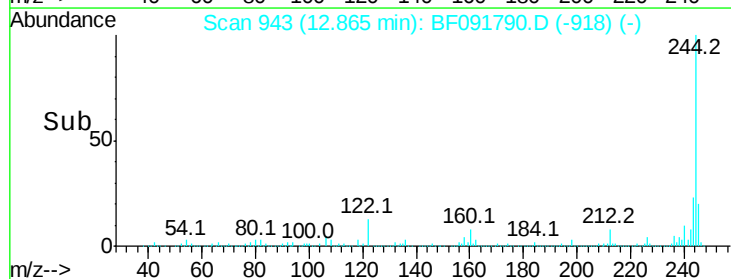
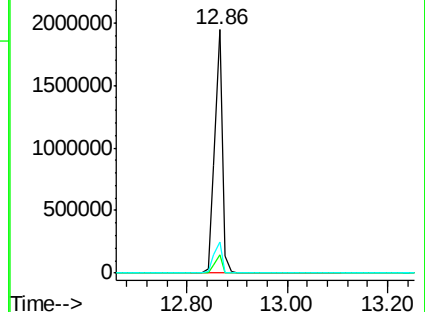
122 13.0 11.4 17.2

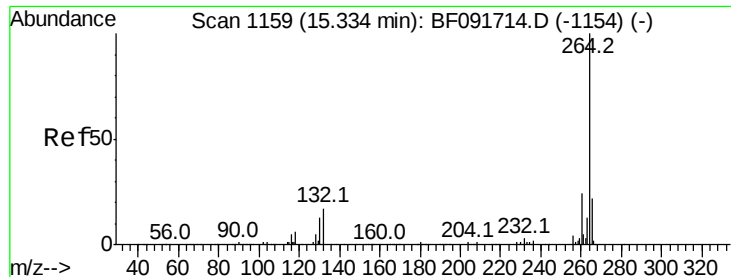


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



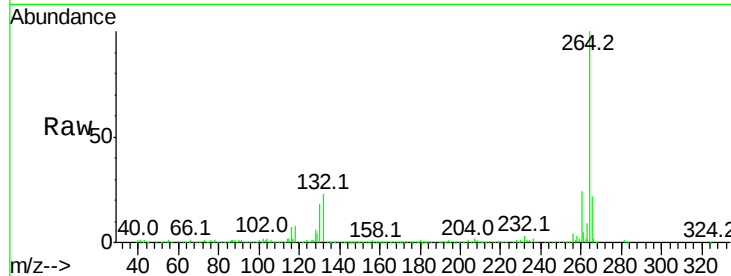


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tot Ion: 264 Resp: 516743

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.4	26.0



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

