

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091787.D
 Acq On : 19 Dec 2016 21:47
 Operator : UM/SJ
 Sample : H6011-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Dec 20 00:19:32 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

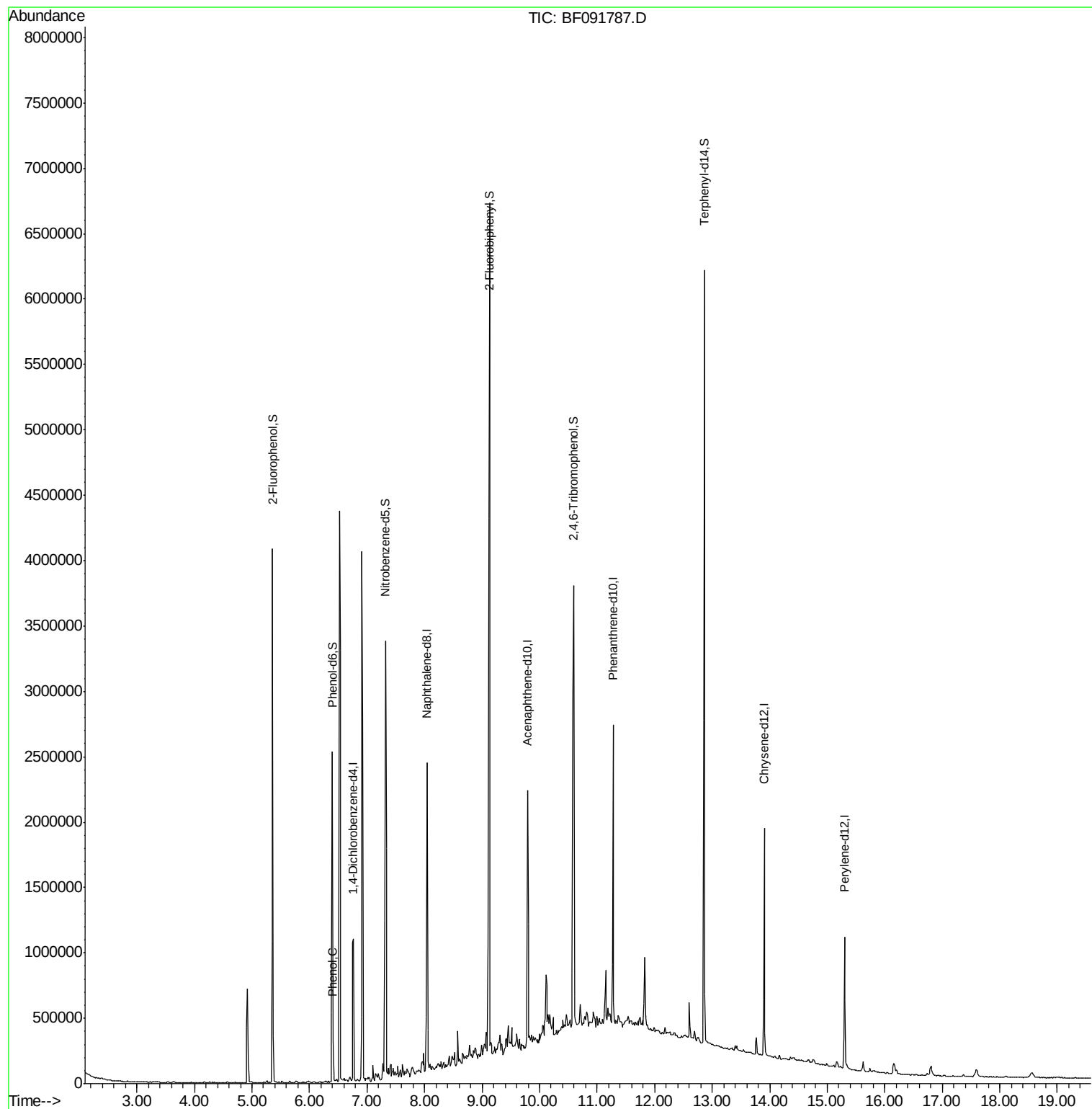
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	249172	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	995518	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	491402	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	798061	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	595301	20.00	ng	-0.02
86) Perylene-d12	15.30	264	462850	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1115415	75.00	ng	-0.01
7) Phenol-d6	6.40	99	804668	44.36	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1553658	90.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	560123	134.42	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2636038	107.77	ng	-0.01
78) Terphenyl-d14	12.87	244	1992073	84.49	ng	-0.01
Target Compounds						
10) Phenol	6.41	94	48273	2.36	ng	Qvalue # 71

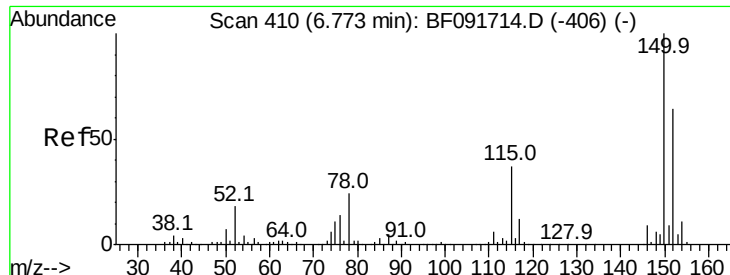
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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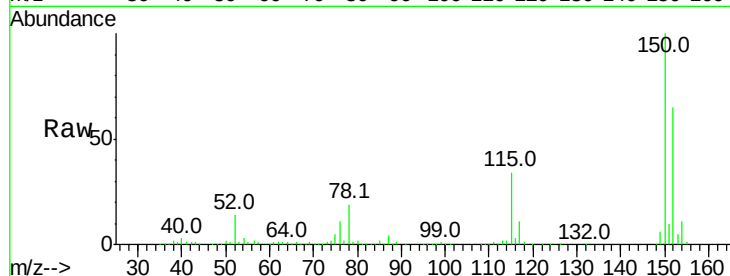


#1

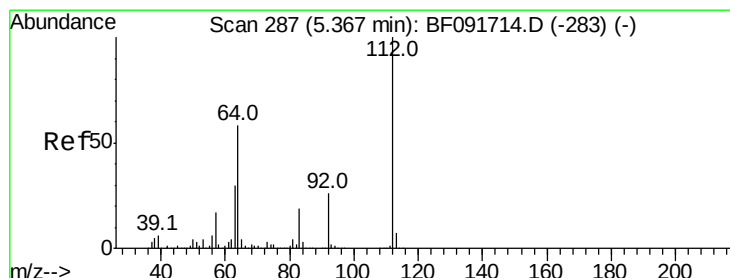
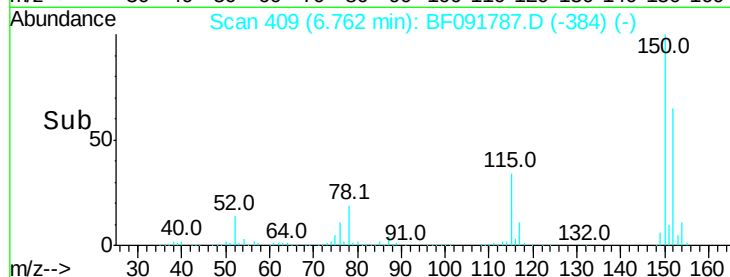
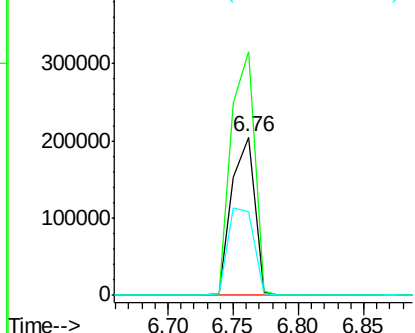
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	52.6	46.0	69.0



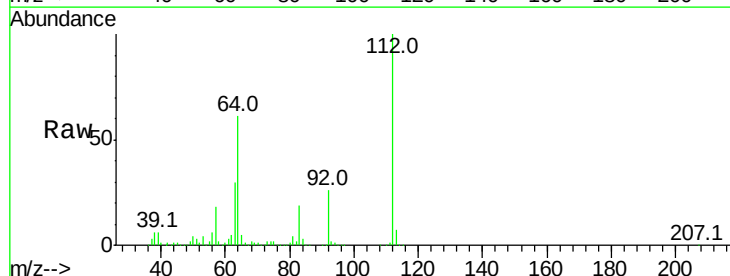
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



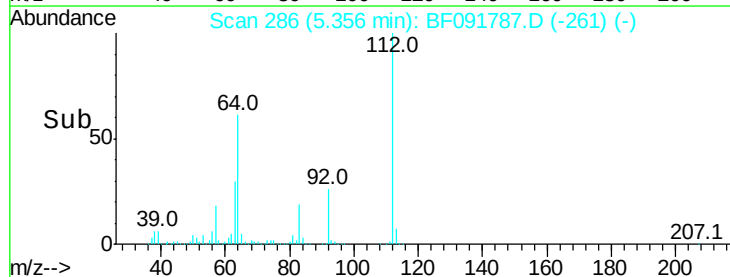
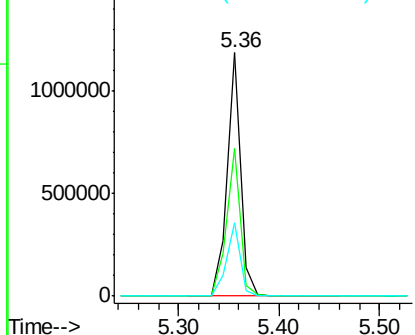
#5

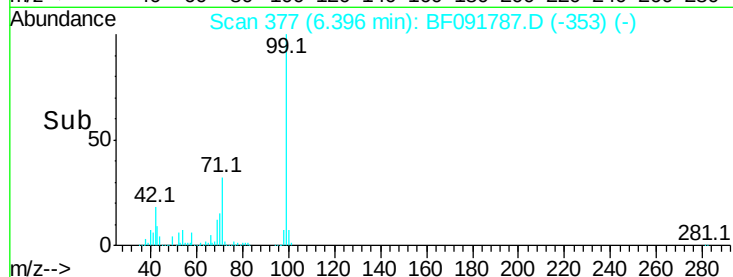
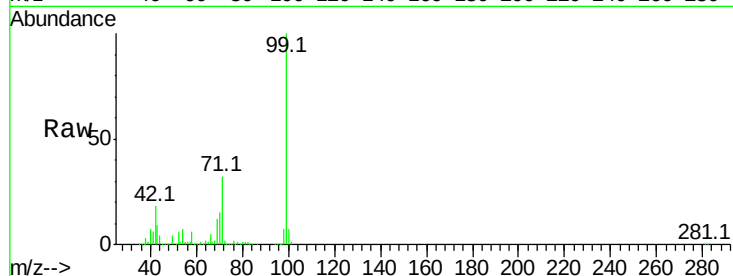
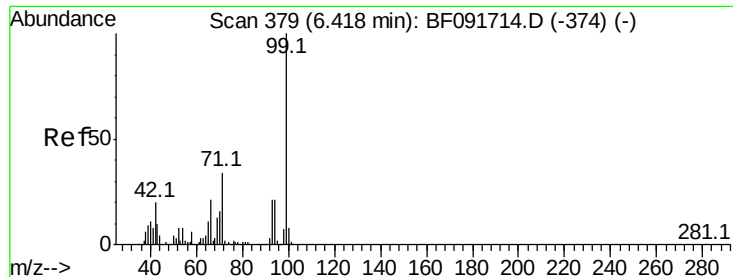
2-Fluorophenol
Concen: 75.00 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.1	69.1
63	30.4	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: 44.36 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

Instrument :

BNA_F

ClientSampleId :

MW-07

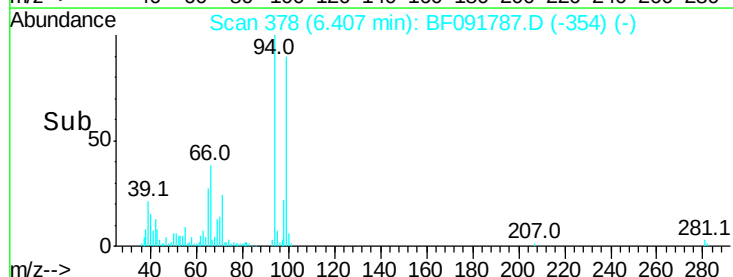
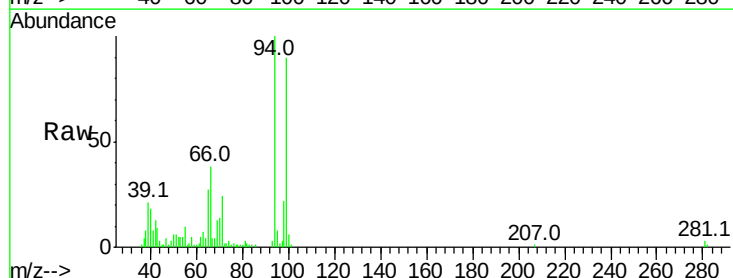
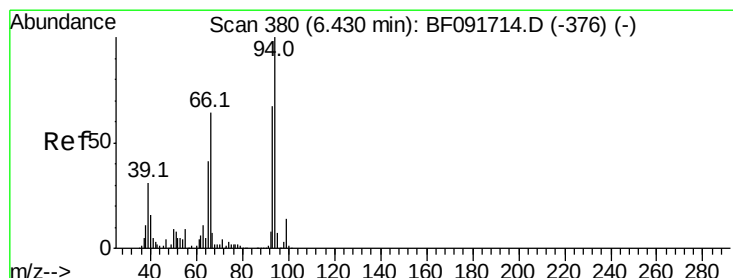
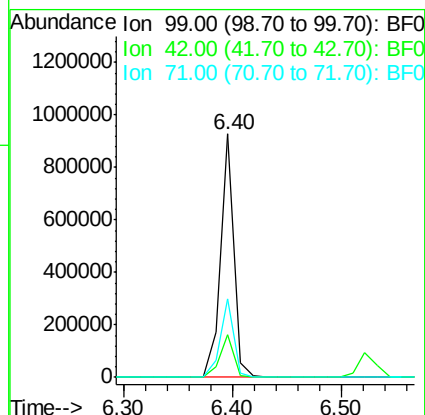
Tot Ion: 99 Resp: 804668

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

71 32.4 27.5 41.3



#10

Phenol

Concen: 2.36 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

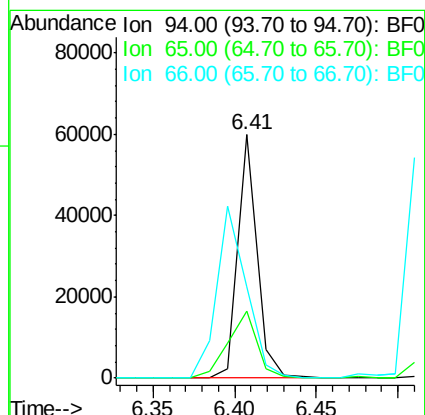
Tgt Ion: 94 Resp: 48273

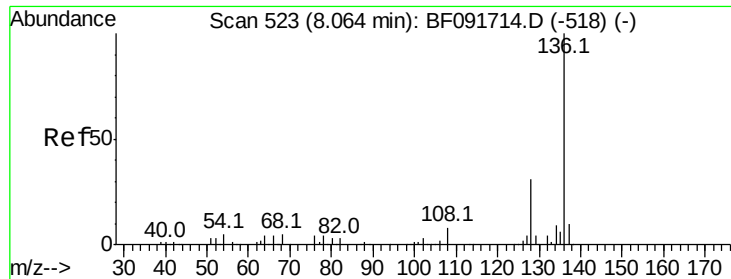
Ion Ratio Lower Upper

94 100

65 27.3 21.4 61.4

66 37.5 44.0 84.0#

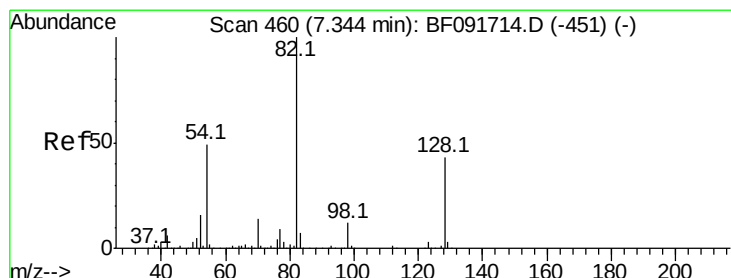
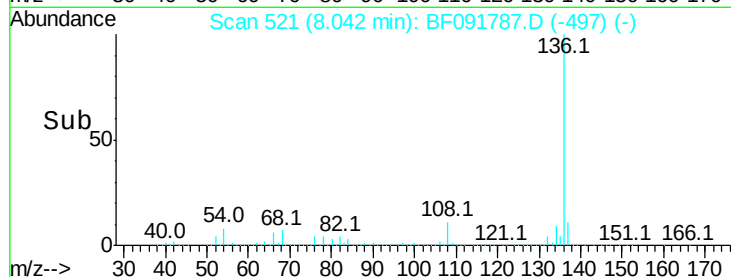
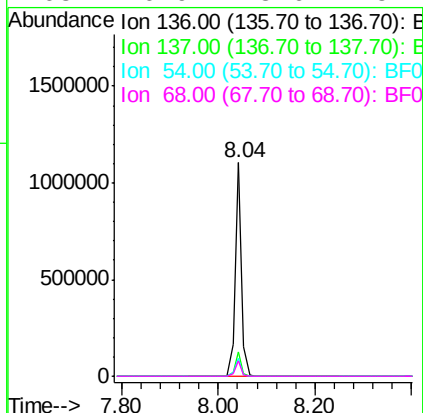
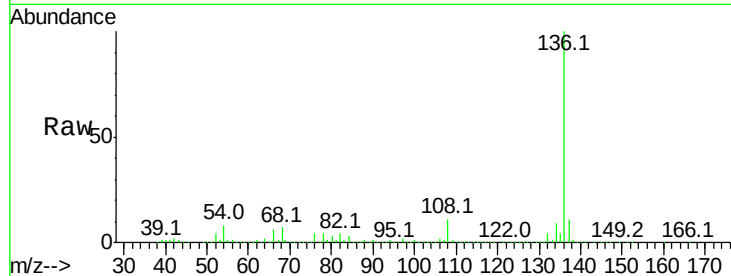




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

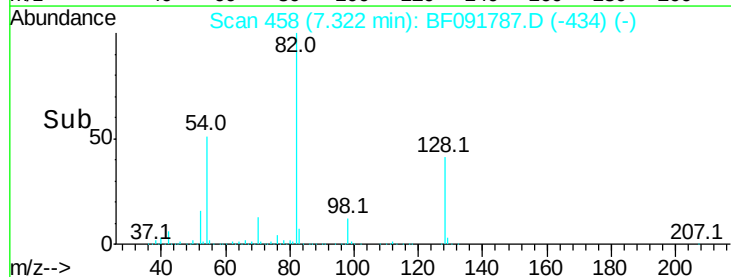
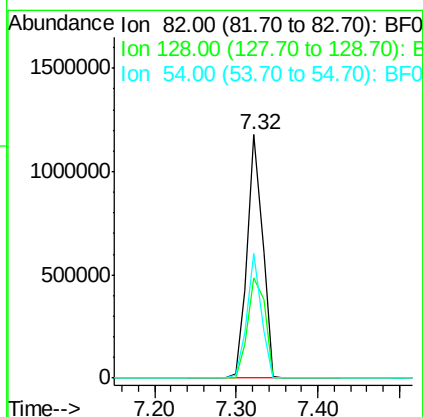
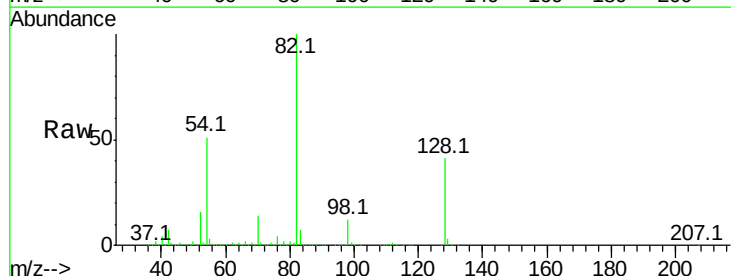
Instrument :
BNA_F
ClientSampleId :
MW-07

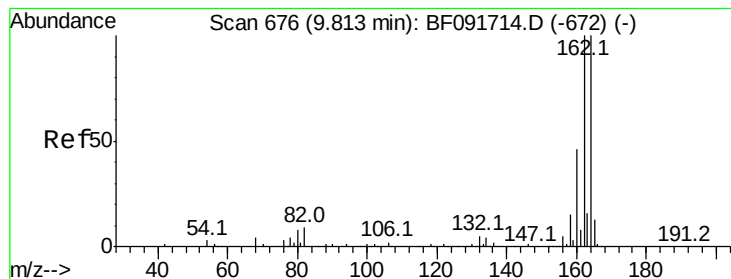
Tot Ion:136	Resp:	995518
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.4 12.6
54	8.4	4.5 6.7#
68	6.9	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 90.00 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Tgt Ion: 82	Resp:	1553658
Ion	Ratio	Lower Upper
82	100	
128	41.1	34.6 52.0
54	51.1	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: BF091787.D

Acq: 19 Dec 2016 21:47

Instrument :

BNA_F

ClientSampleId :

MW-07

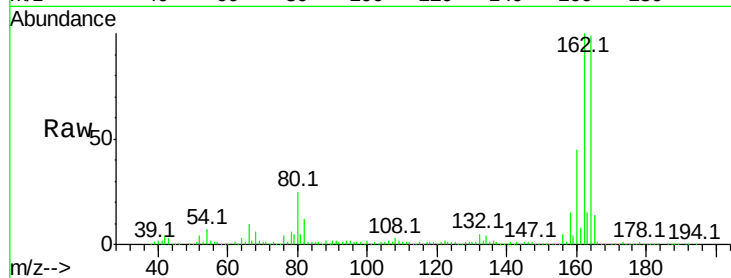
Tot Ion:164 Resp: 491402

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

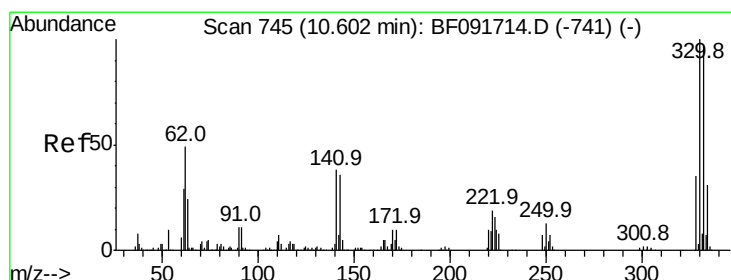
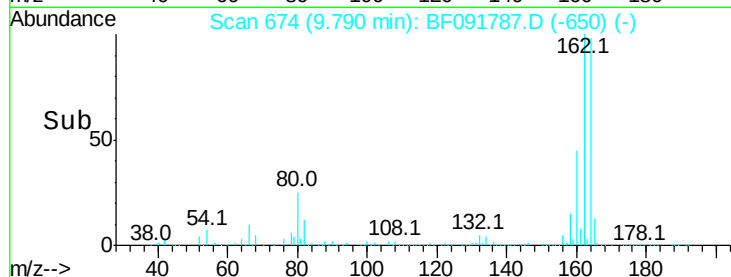
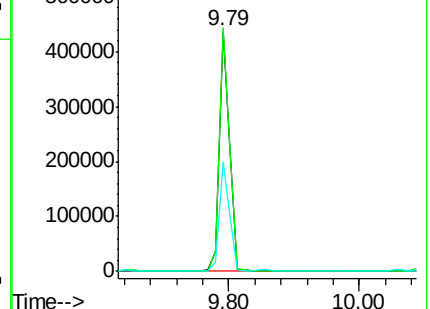
160 45.3 36.9 55.3



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: 134.42 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

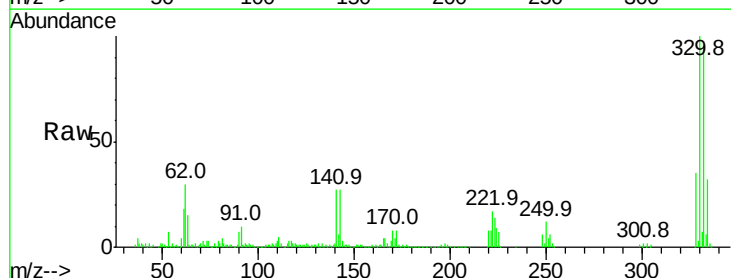
Tgt Ion:330 Resp: 560123

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

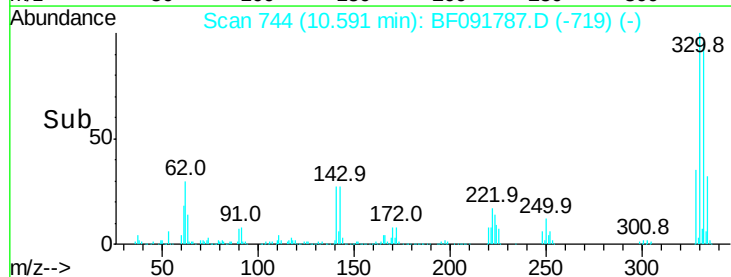
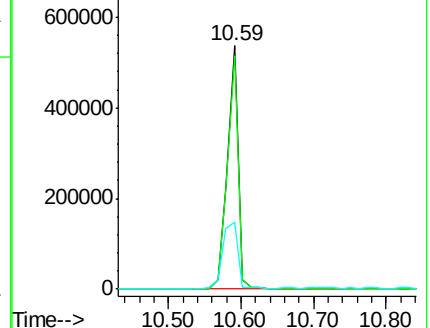
141 37.4 34.1 51.1

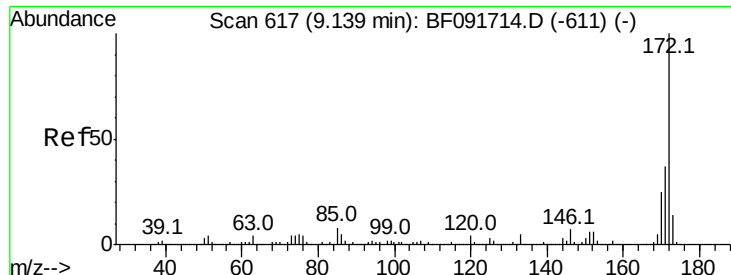


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

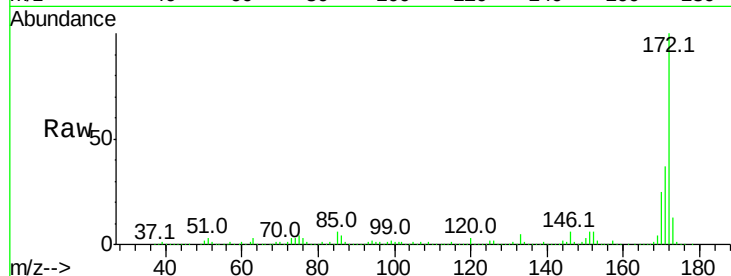




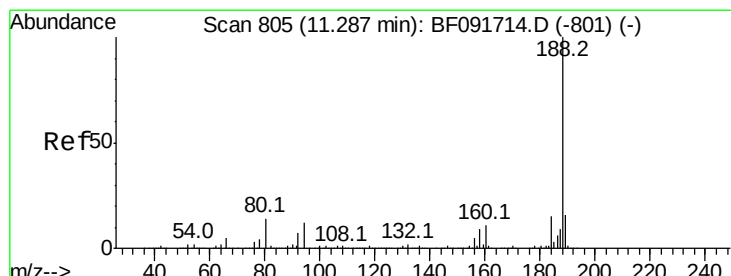
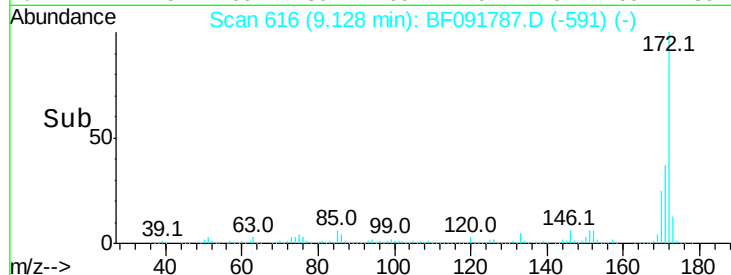
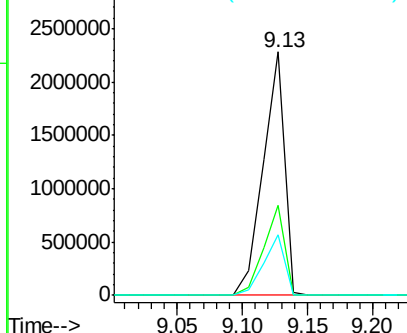
#44
2-Fluorobiphenyl
Concen: 107.77 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion:172 Resp: 2636038
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 25.1 20.2 30.4

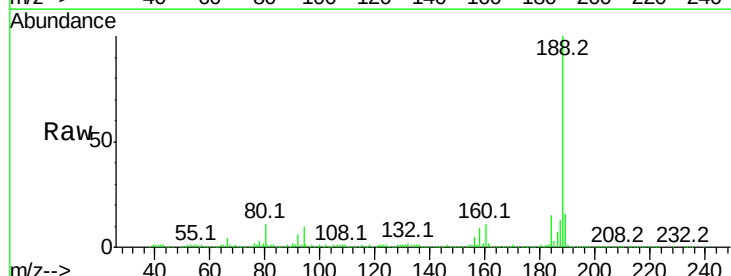


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

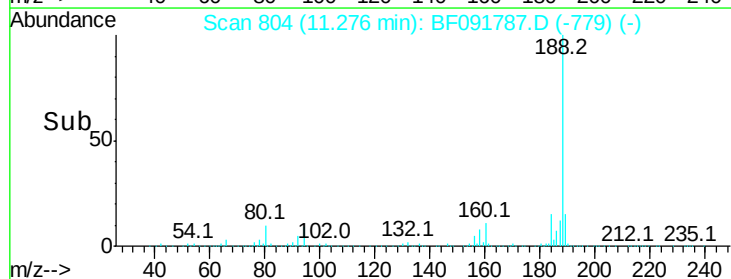
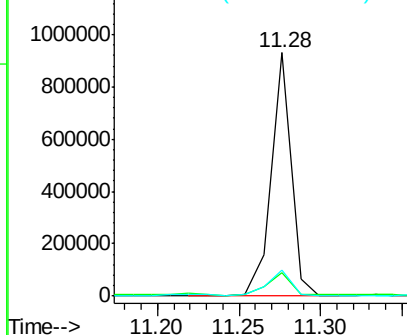


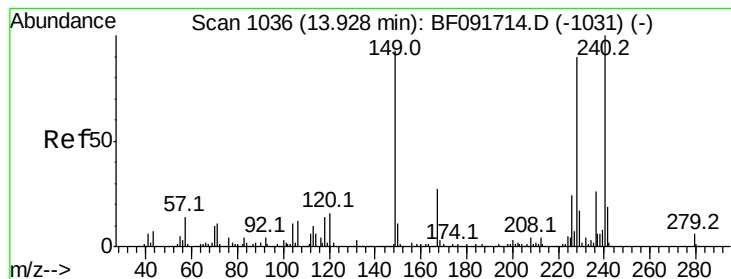
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Tgt Ion:188 Resp: 798061
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.5 11.2 16.8#



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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

Instrument :

BNA_F

ClientSampleId :

MW-07

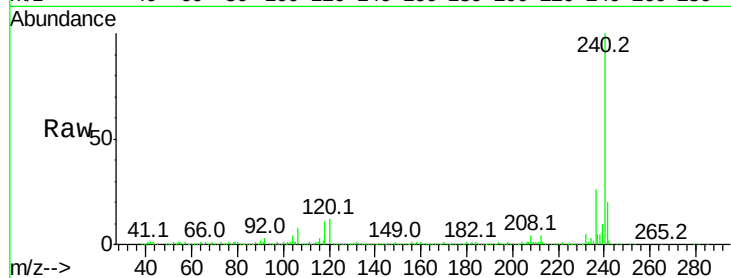
Tot Ion:240 Resp: 595301

Ion Ratio Lower Upper

240 100

120 12.2 12.9 19.3#

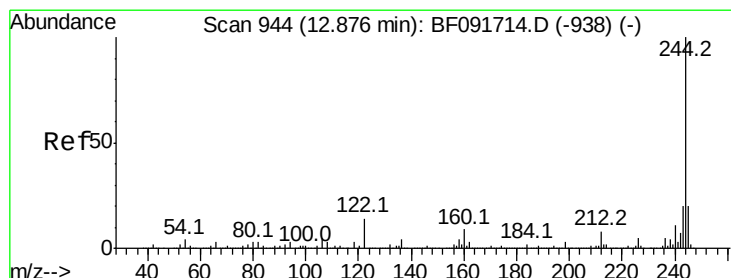
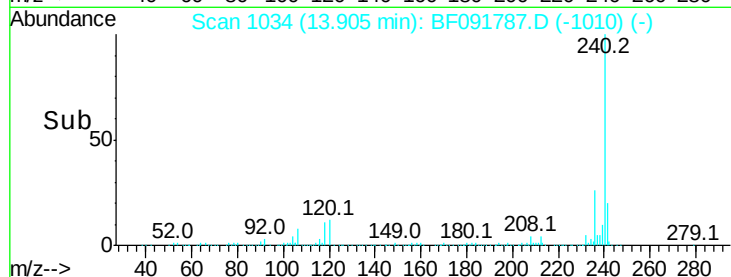
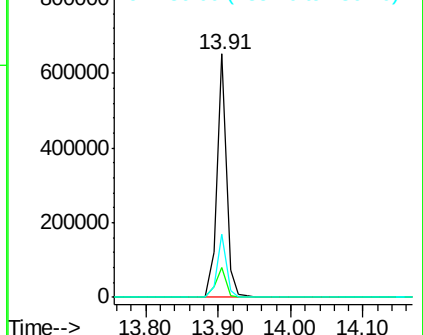
236 26.0 20.9 31.3



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: 84.49 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

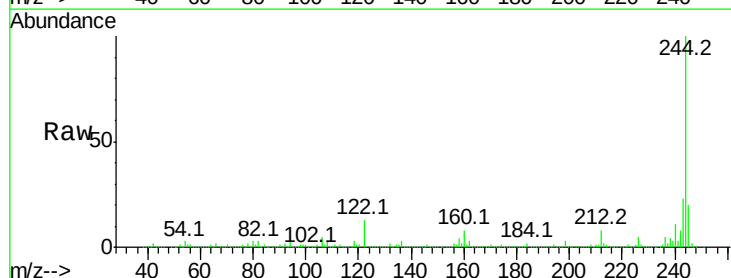
Tgt Ion:244 Resp: 1992073

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

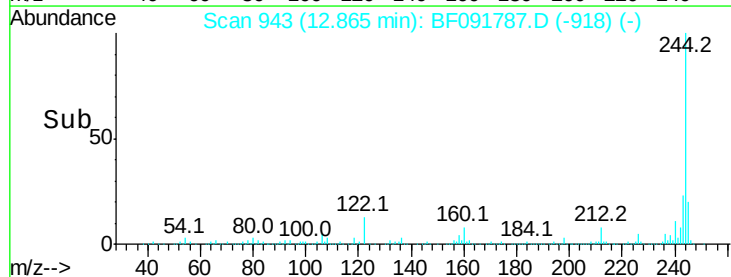
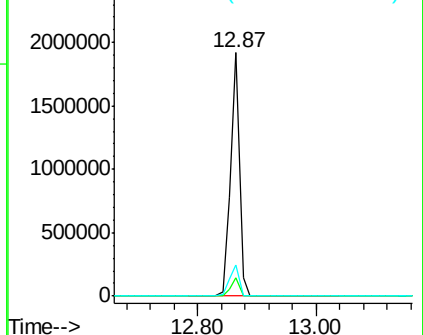
122 13.0 11.4 17.2

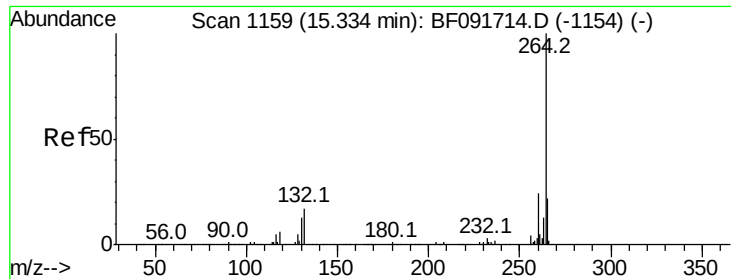


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091787.D
Acq: 19 Dec 2016 21:47

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion:264 Resp: 462850
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.3 17.4 26.0

