

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091976.D
 Acq On : 27 Dec 2016 19:12
 Operator : UM/SJ
 Sample : H6243-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 28 00:56:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

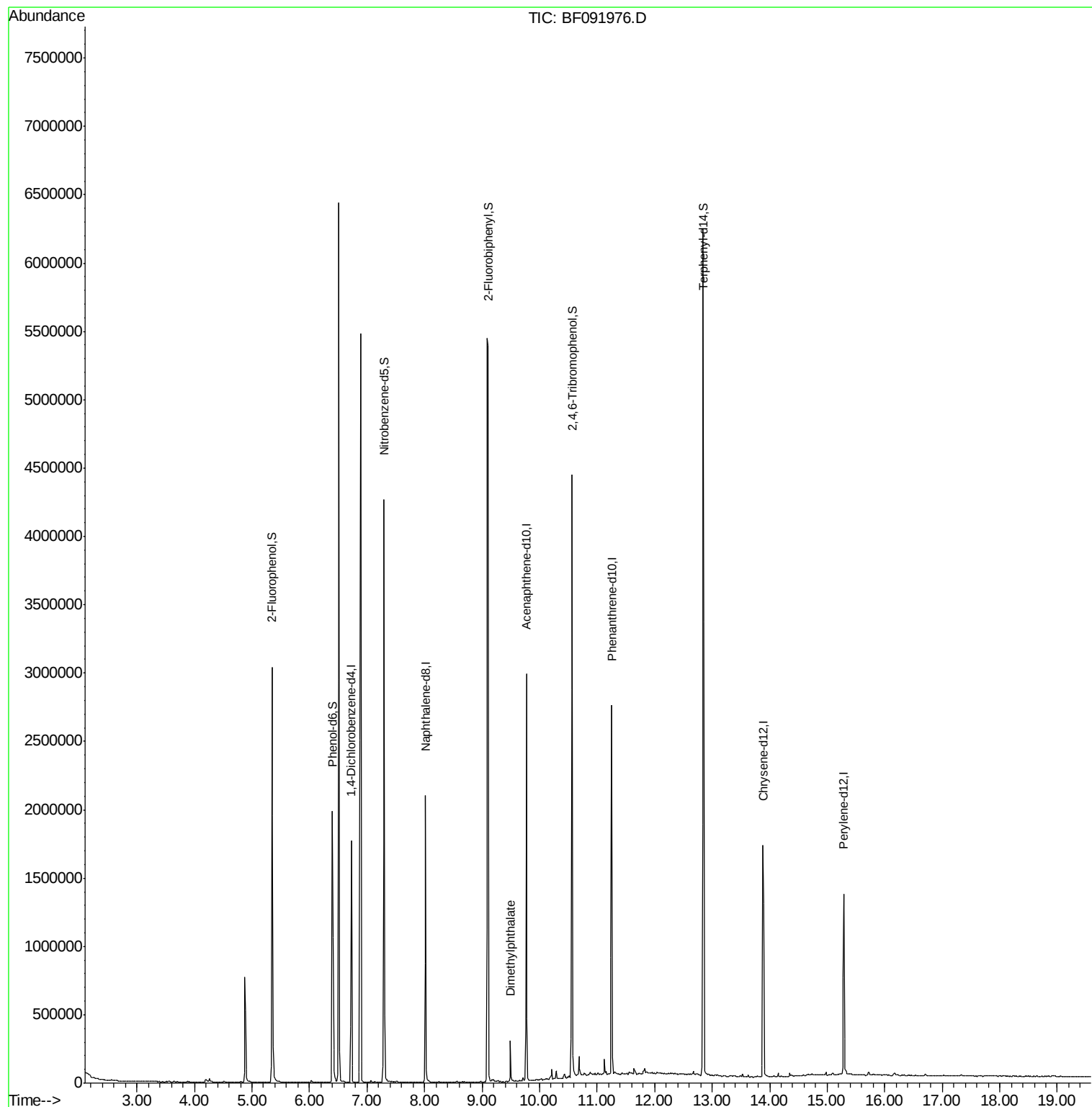
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	269443	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1089759	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	620555	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	1020935	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	782473	20.00	ng	-0.02
86) Perylene-d12	15.29	264	597969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1137255	70.48	ng	0.00
7) Phenol-d6	6.40	99	879754	44.65	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1613833	82.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	656985	127.93	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2836293	95.20	ng	-0.01
78) Terphenyl-d14	12.84	244	2636208	81.71	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	116019	2.92	ng	99

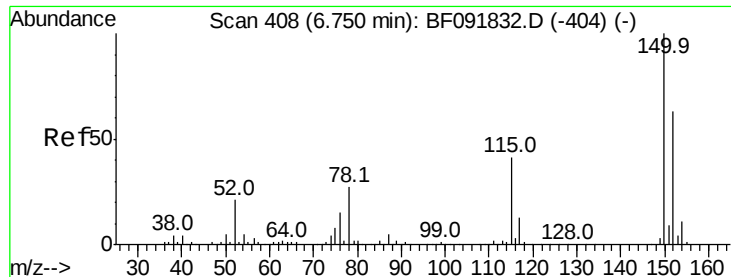
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-1

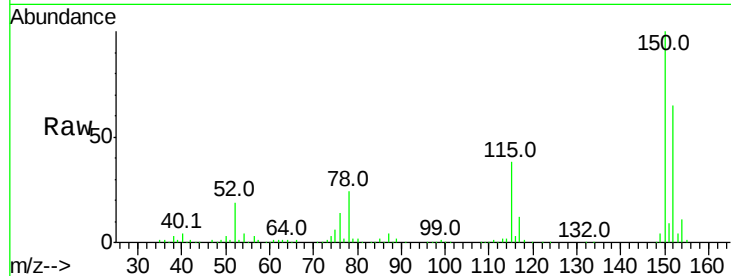
Tot Ion:152 Resp: 269443

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

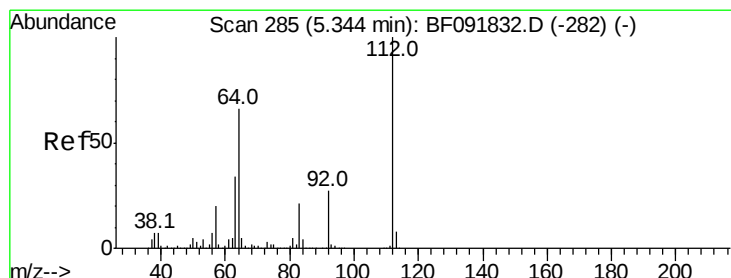
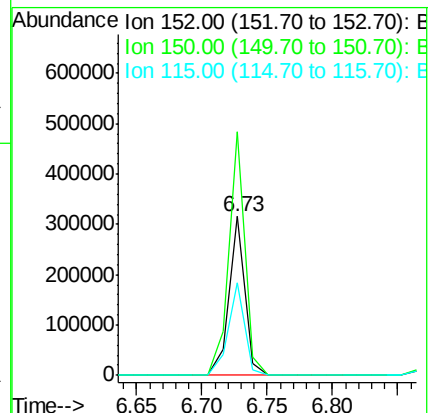
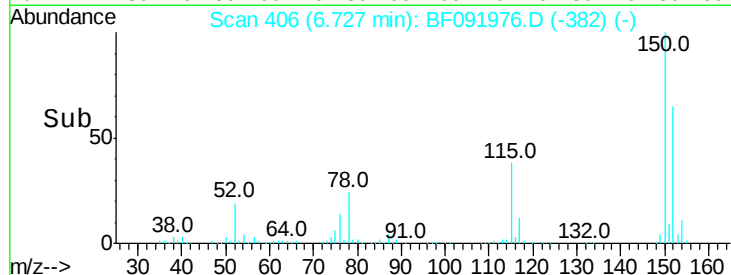
115 58.0 46.0 69.0



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: 70.48 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

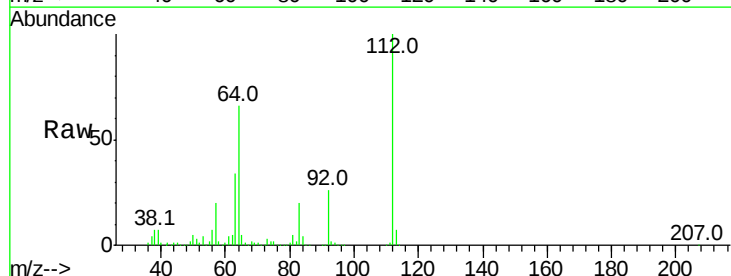
Tgt Ion:112 Resp: 1137255

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

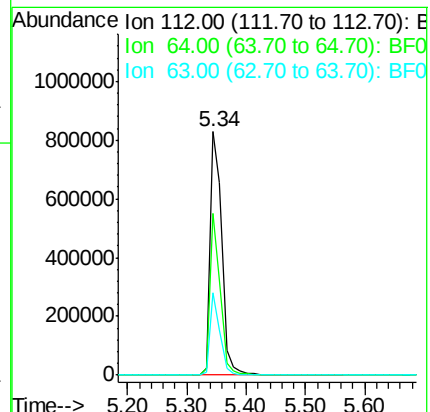
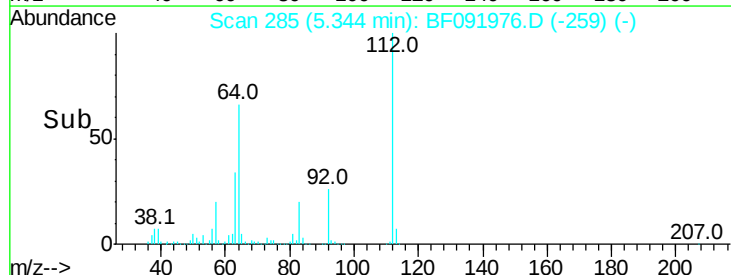
63 33.7 23.8 35.6



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: 44.65 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-1

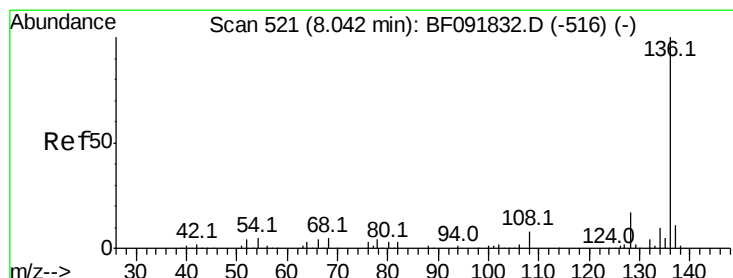
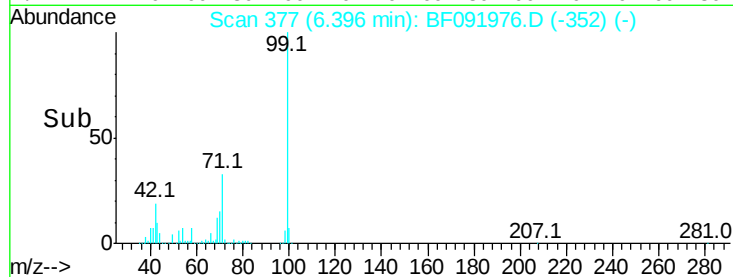
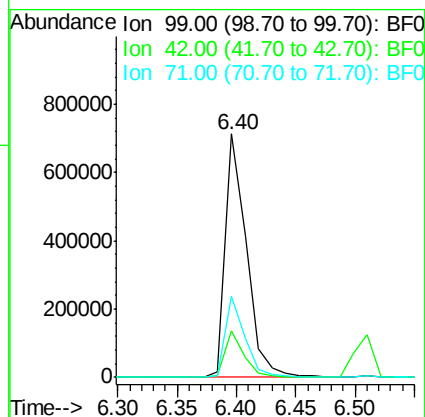
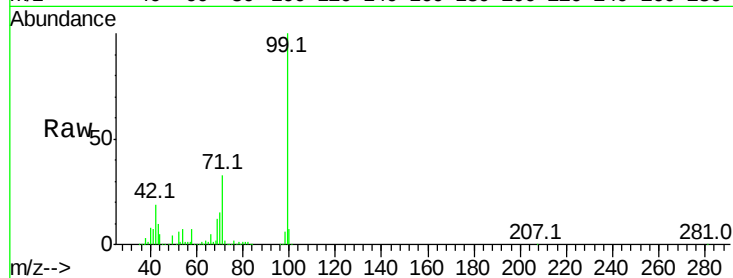
Tot Ion: 99 Resp: 879754

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 33.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Tgt Ion: 136 Resp: 1089759

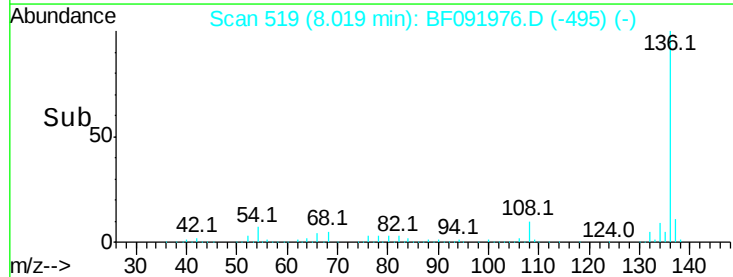
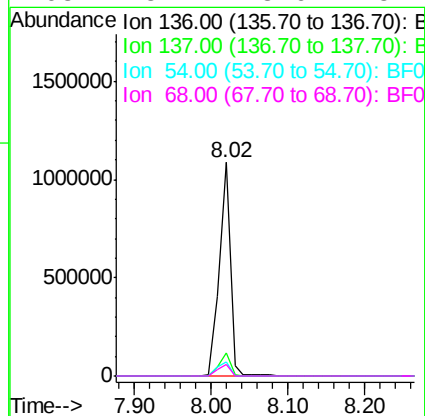
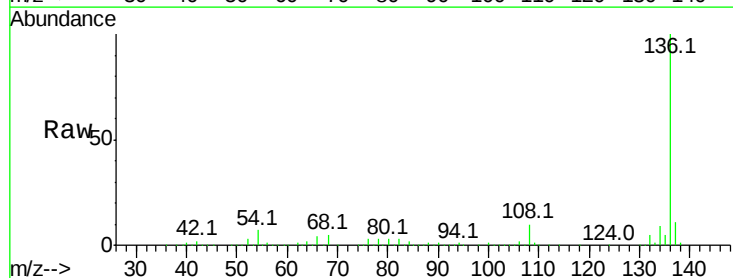
Ion Ratio Lower Upper

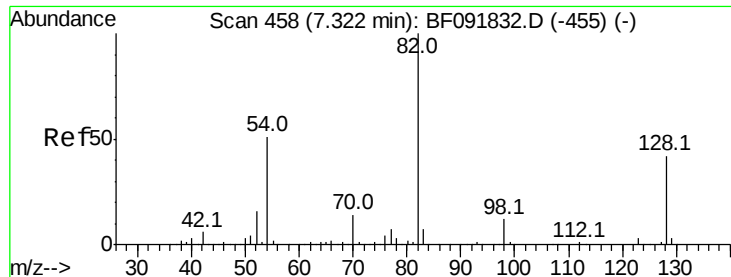
136 100

137 10.9 8.4 12.6

54 6.8 4.5 6.7#

68 5.4 3.6 5.4#



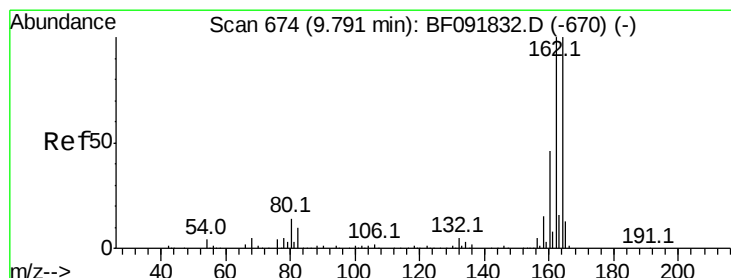
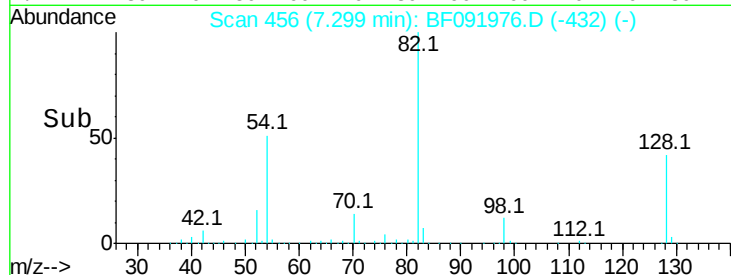
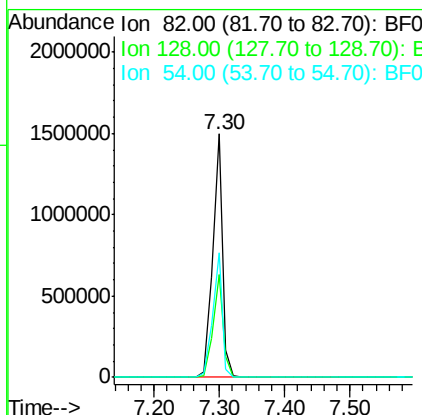
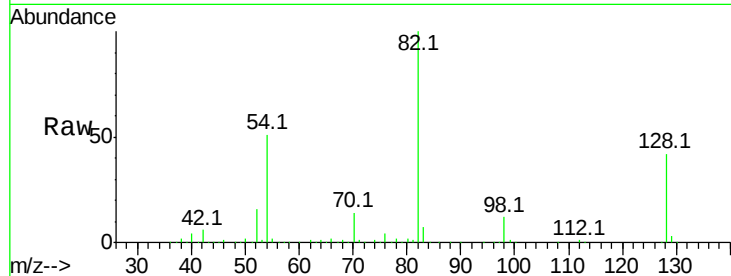


#23
 Nitrobenzene-d5
 Concen: 82.35 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion: 82 Resp: 1613833

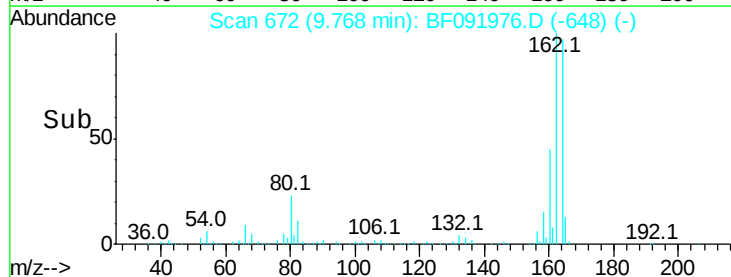
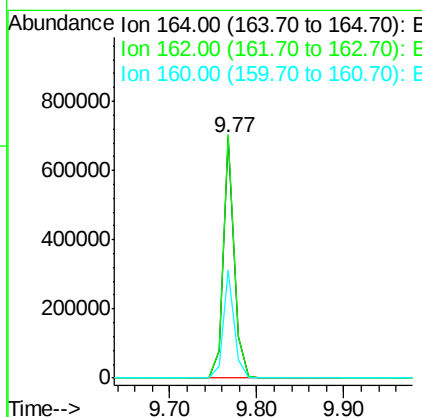
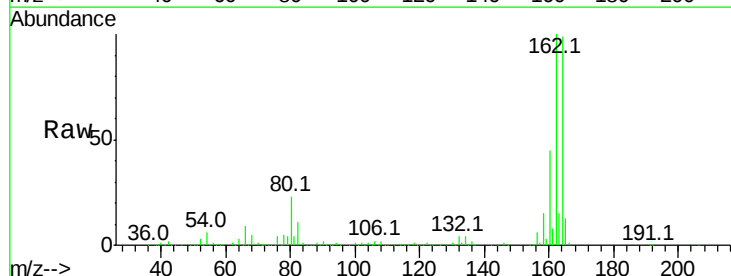
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	51.2	39.5	59.3

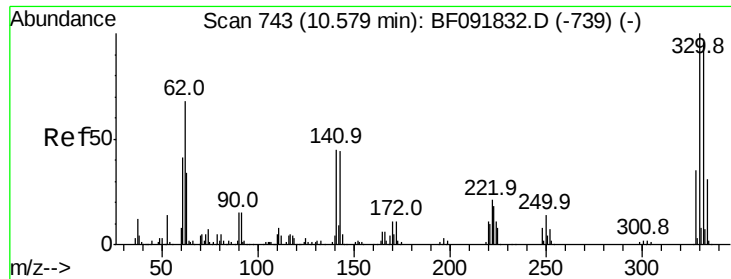


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

Tgt Ion:164 Resp: 620555

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	45.0	36.9	55.3

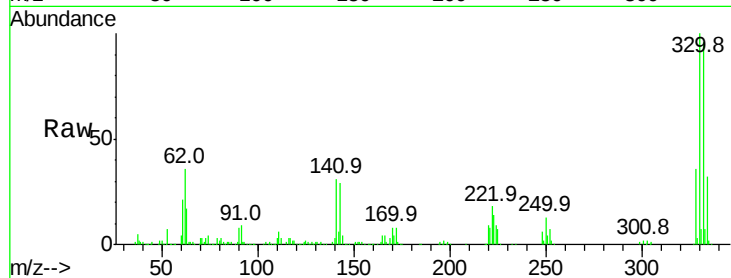




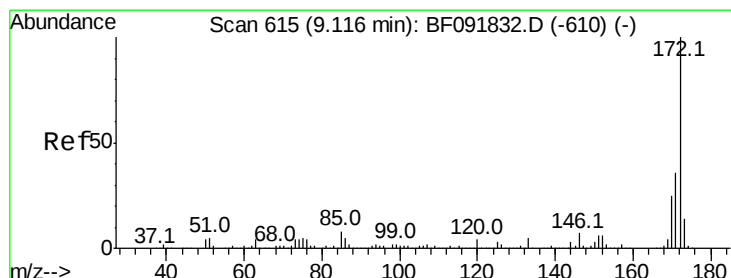
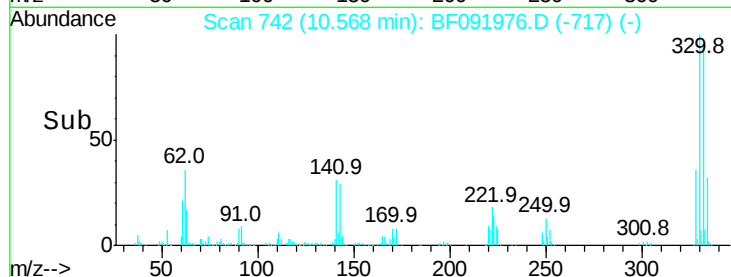
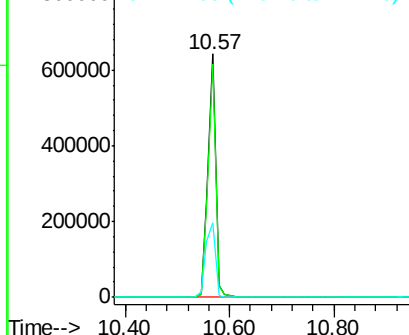
#41
 2,4,6-Tribromophenol
 Concen: 127.93 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:330 Resp: 656985
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 38.6 34.1 51.1

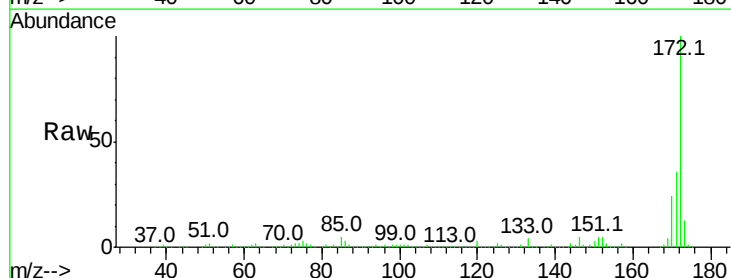


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

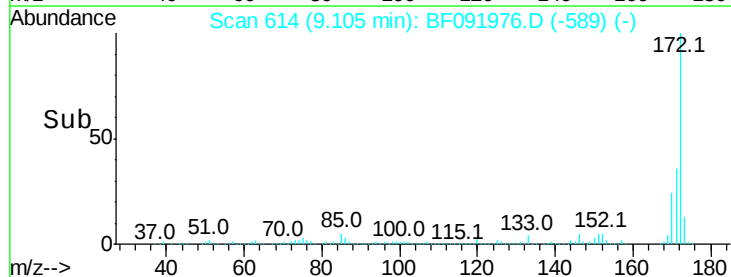
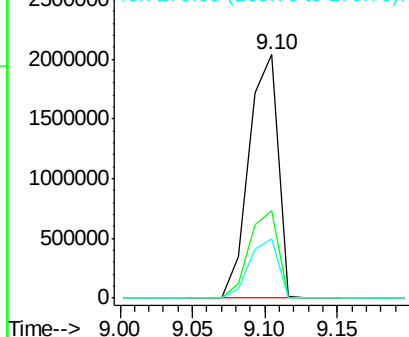


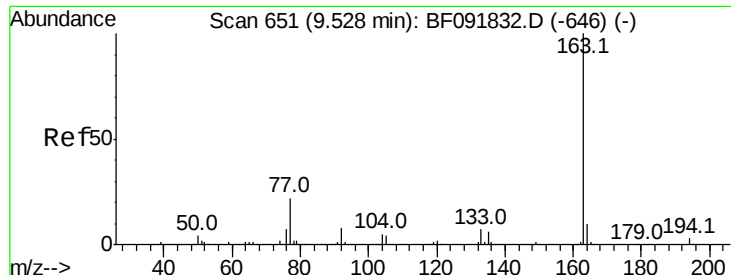
#44
 2-Fluorobiphenyl
 Concen: 95.20 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091976.D
 Acq: 27 Dec 2016 19:12

Tgt Ion:172 Resp: 2836293
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 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

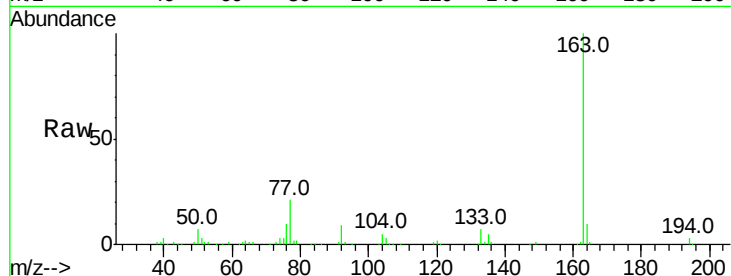




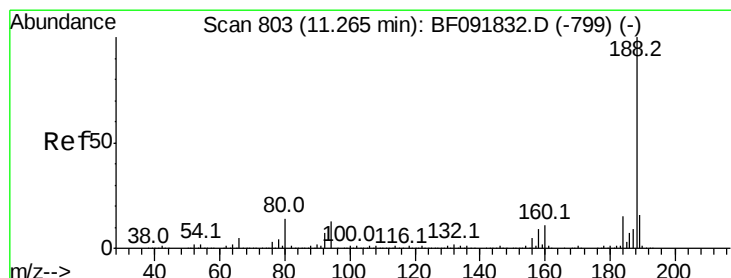
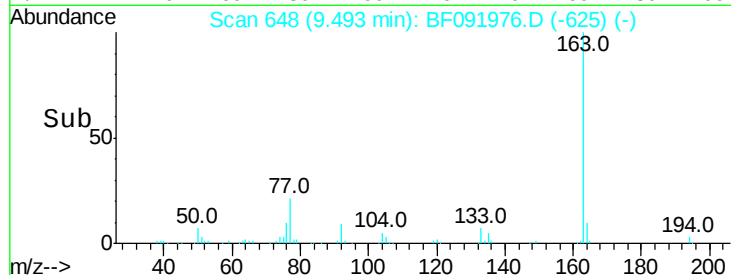
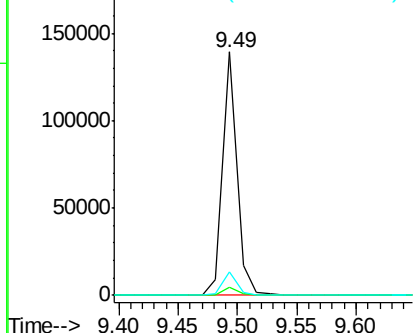
#49
Dimethylphthalate
Concen: 2.92 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:163 Resp: 116019
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.8 8.0 12.0

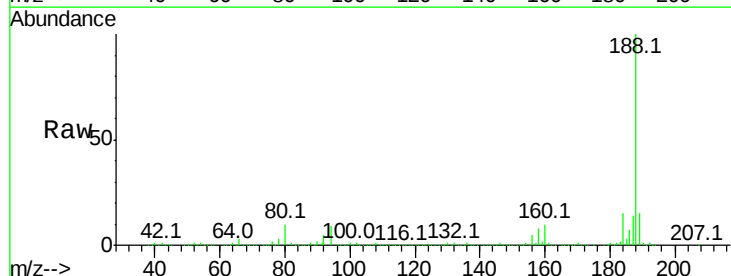


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

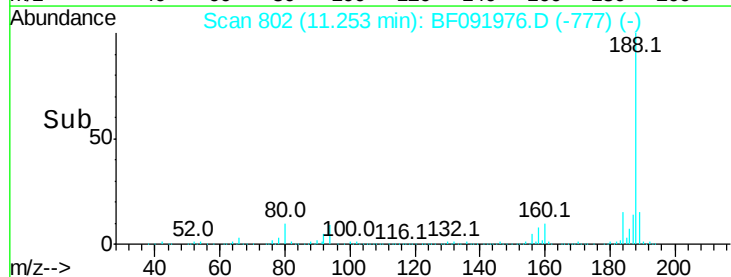
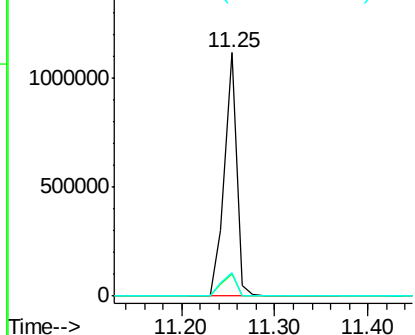


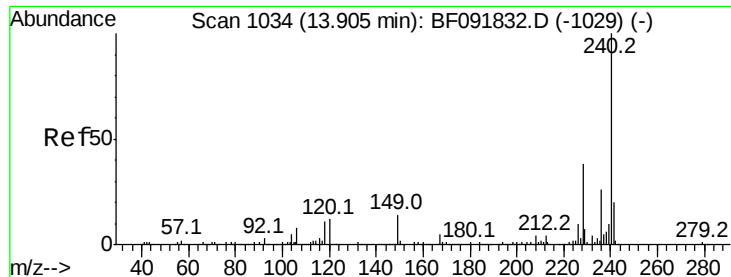
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Tgt Ion:188 Resp: 1020935
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.8 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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

Instrument :

BNA_F

ClientSampleId :

MW-1

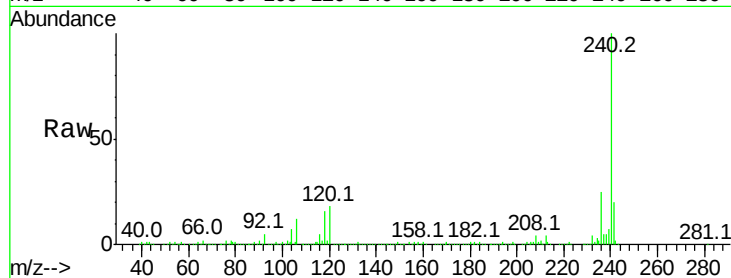
Tot Ion:240 Resp: 782473

Ion Ratio Lower Upper

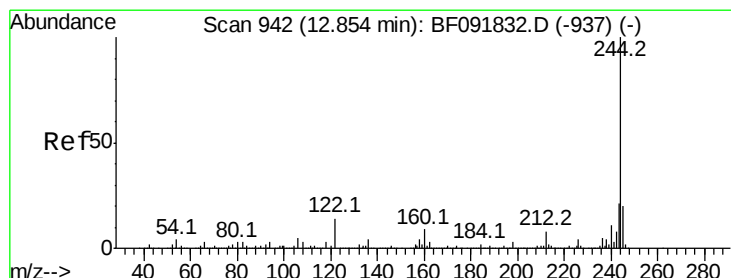
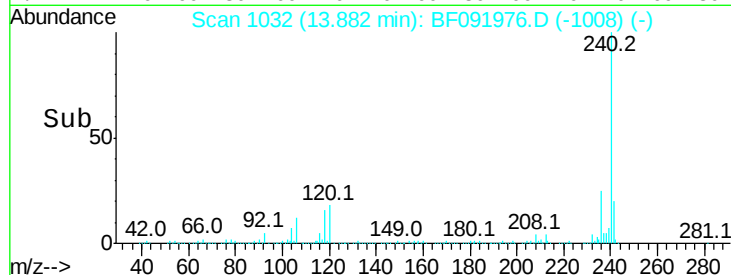
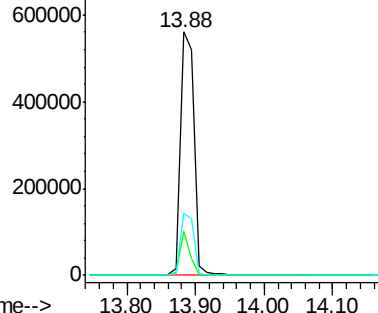
240 100

120 17.9 12.9 19.3

236 25.3 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: 81.71 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091976.D

Acq: 27 Dec 2016 19:12

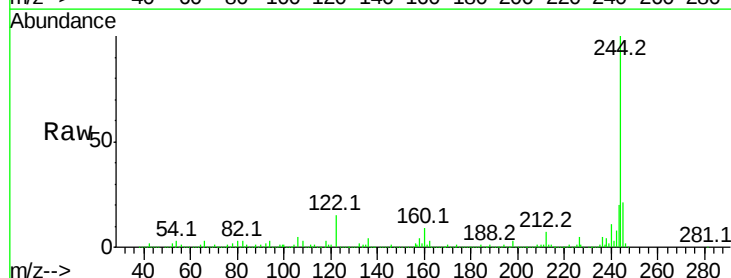
Tgt Ion:244 Resp: 2636208

Ion Ratio Lower Upper

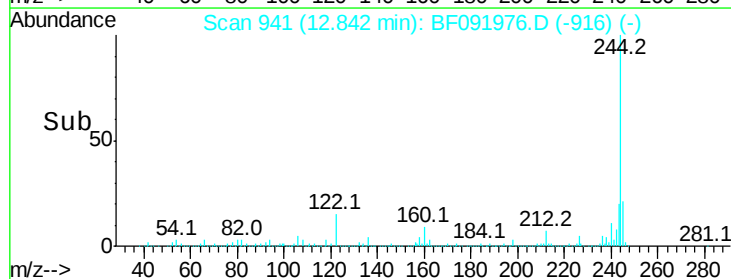
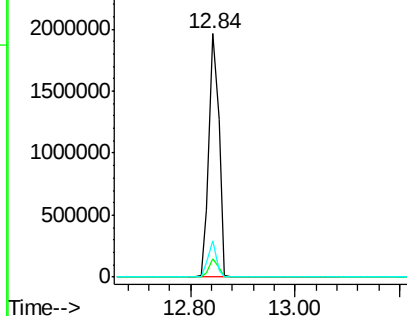
244 100

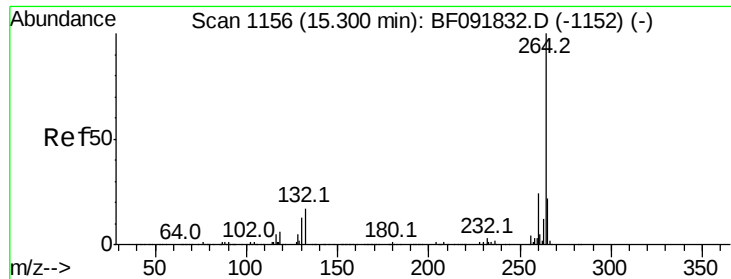
212 7.5 6.2 9.2

122 14.7 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: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091976.D
Acq: 27 Dec 2016 19:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.4	26.0

