

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091215.D
 Acq On : 17 Nov 2016 16:35
 Operator : UM/SJ
 Sample : H5686-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Nov 18 03:35:19 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

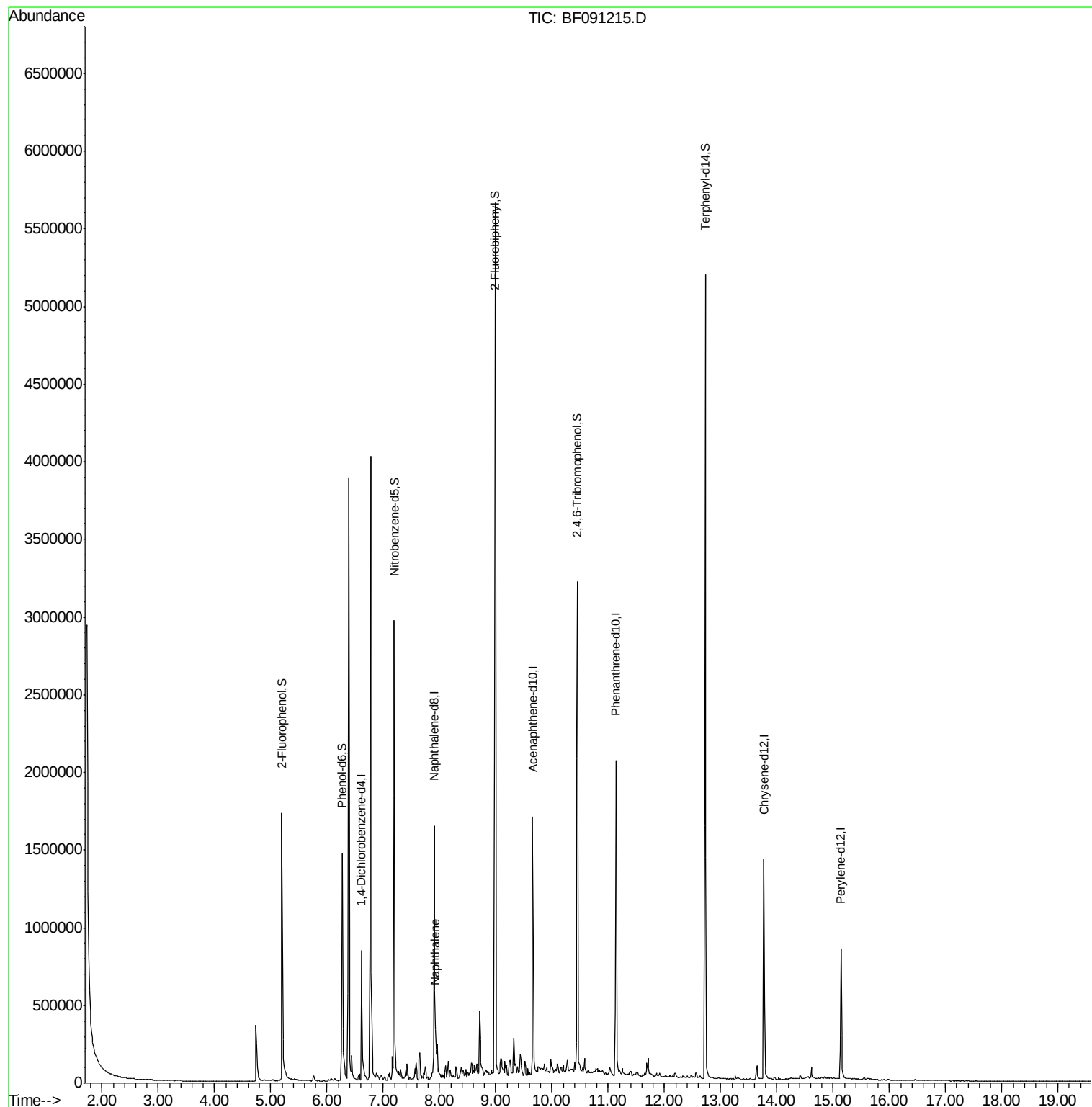
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	186763	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	788594	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	411122	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	725858	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	505466	20.00	ng	-0.05
86) Perylene-d12	15.14	264	346573	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	709350	62.73	ng	-0.05
7) Phenol-d6	6.27	99	607178	39.56	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1326037	91.73	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	533738	143.60	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1961594	82.14	ng	-0.05
78) Terphenyl-d14	12.73	244	1903076	93.95	ng	-0.03
Target Compounds						
31) Naphthalene	7.93	128	106888	2.83	ng	Qvalue # 94

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

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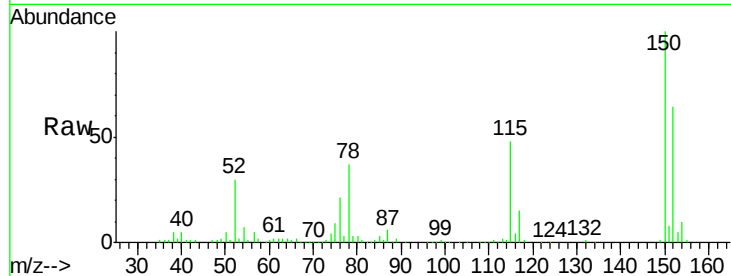


#1

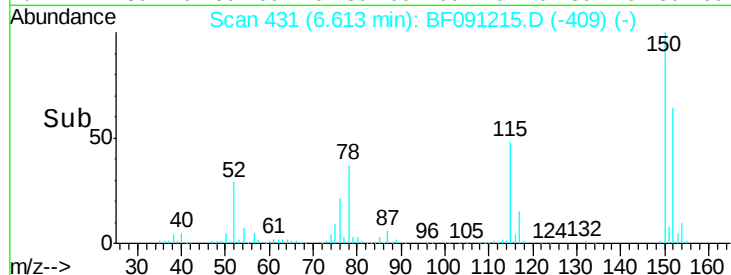
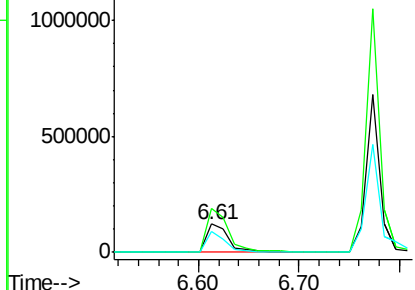
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion:152 Resp: 186763
Ion Ratio Lower Upper
152 100
150 156.5 126.8 190.2
115 74.4 53.3 79.9



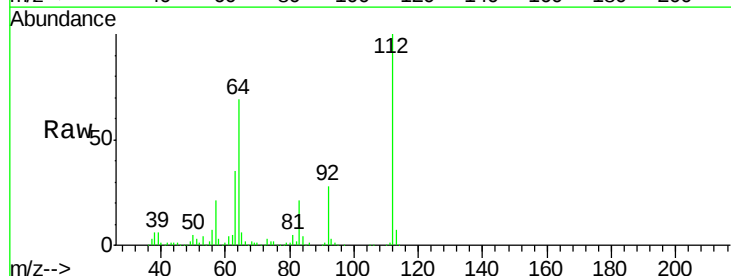
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



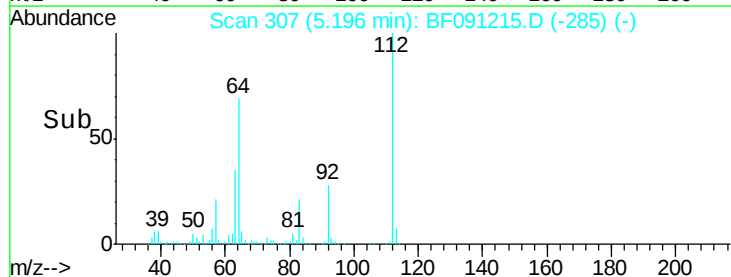
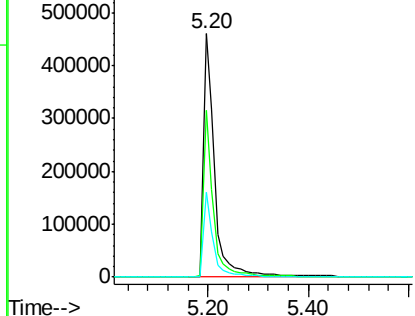
#5

2-Fluorophenol
Concen: 62.73 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Tgt Ion:112 Resp: 709350
Ion Ratio Lower Upper
112 100
64 68.8 55.8 83.6
63 34.8 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: 39.56 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

Instrument :

BNA_F

ClientSampleId :

MW-4

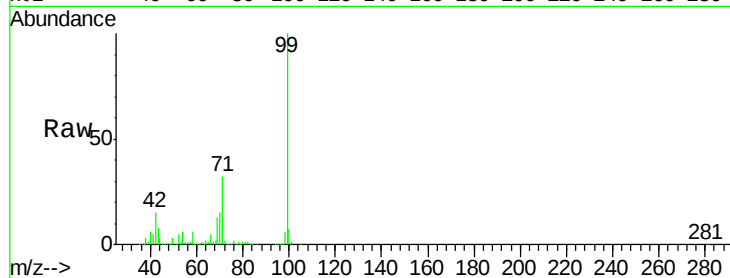
Tot Ion: 99 Resp: 607178

Ion Ratio Lower Upper

99 100

42 14.8 13.9 20.9

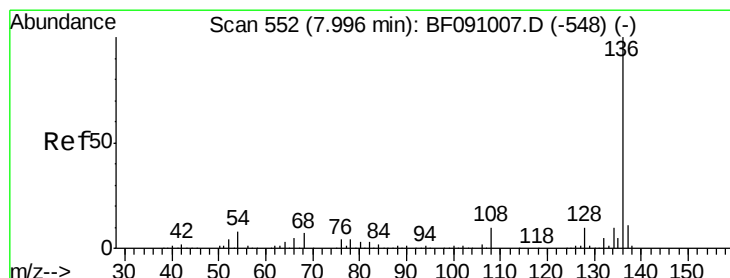
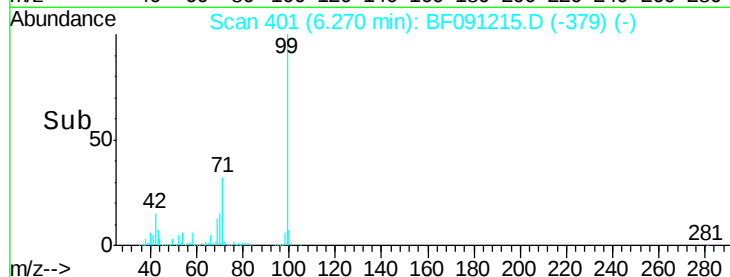
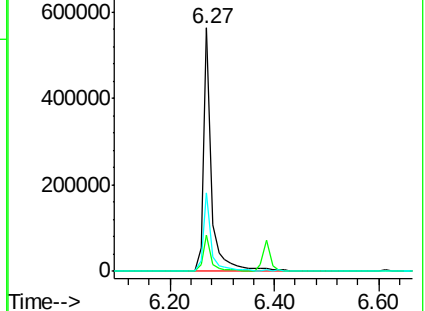
71 32.1 27.8 41.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

Tgt Ion: 136 Resp: 788594

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.2 6.2 9.2

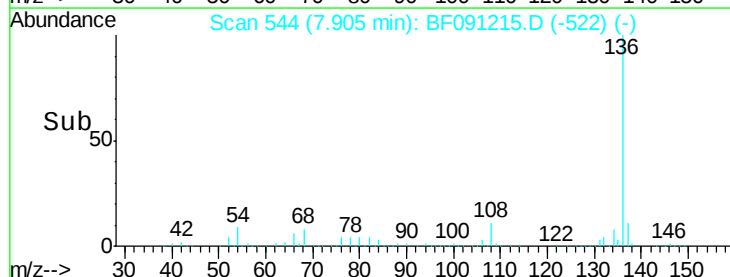
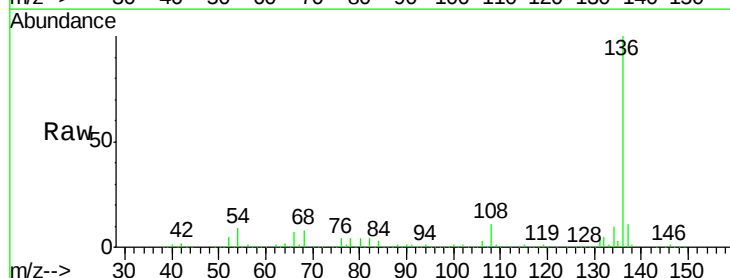
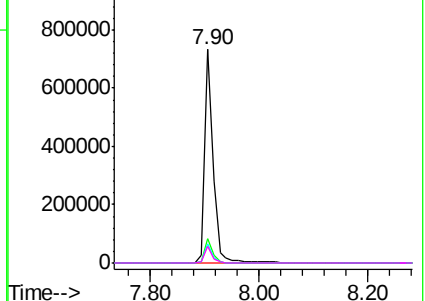
68 7.8 5.5 8.3

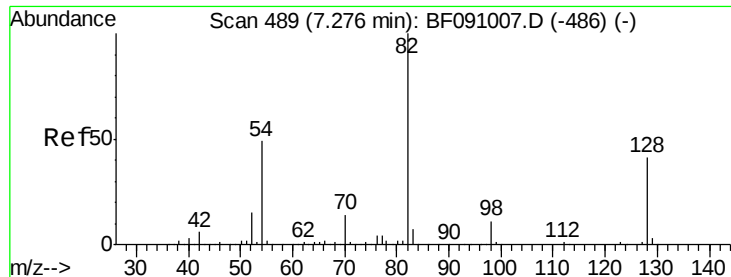
Abundance Ion 136.00 (135.70 to 136.70): E

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

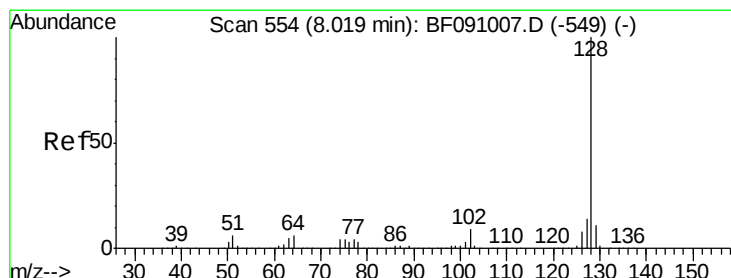
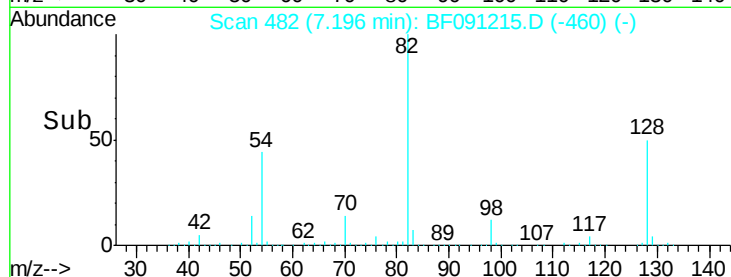
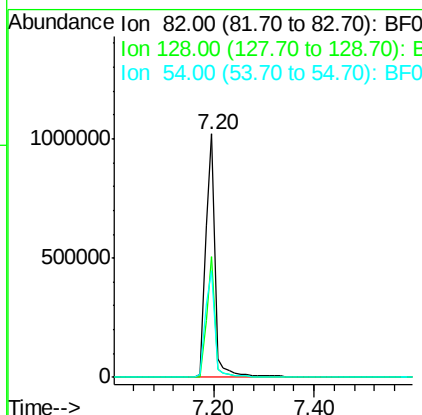
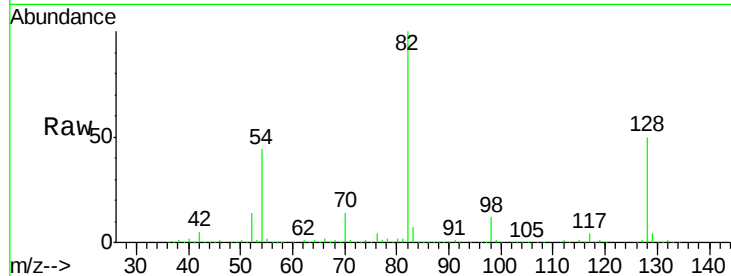




#23
Nitrobenzene-d5
Concen: 91.73 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

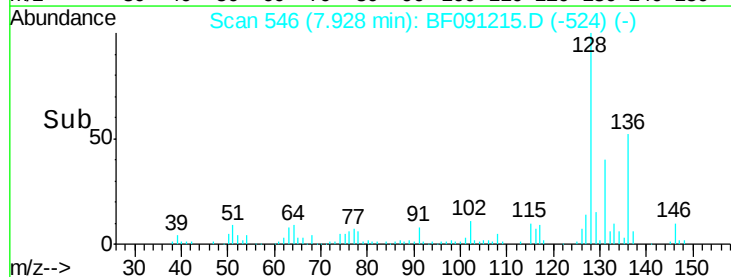
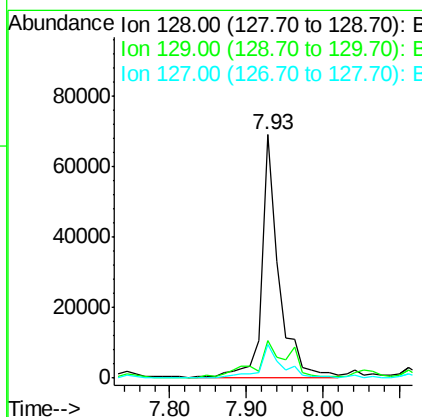
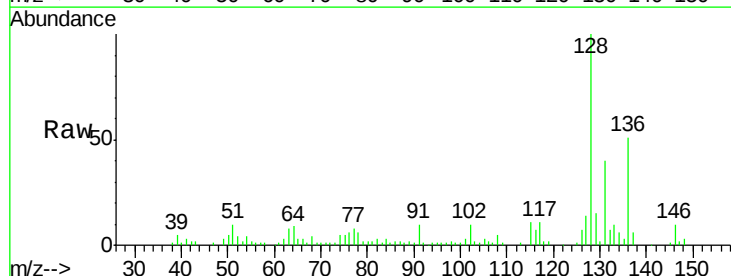
Instrument :
BNA_F
ClientSampleId :
MW-4

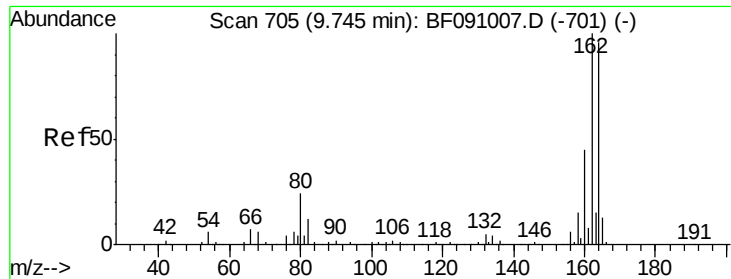
Tot Ion: 82 Resp: 1326037
Ion Ratio Lower Upper
82 100
128 49.5 32.4 48.6#
54 43.7 39.2 58.8



#31
Naphthalene
Concen: 2.83 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Tgt Ion: 128 Resp: 106888
Ion Ratio Lower Upper
128 100
129 15.4 9.0 13.6#
127 14.1 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

Instrument :

BNA_F

ClientSampleId :

MW-4

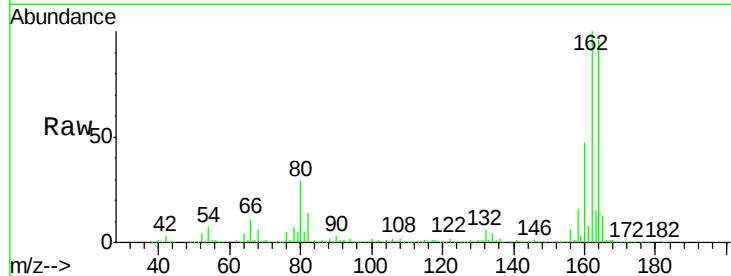
Tot Ion:164 Resp: 411122

Ion Ratio Lower Upper

164 100

162 104.1 83.6 125.4

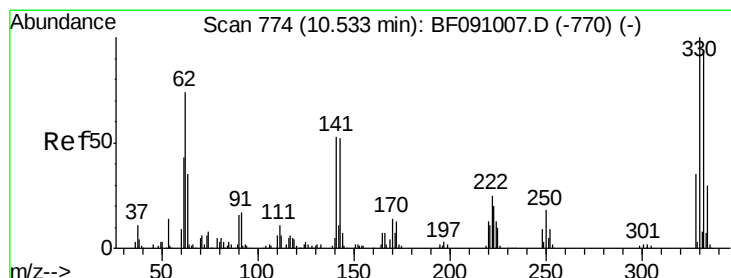
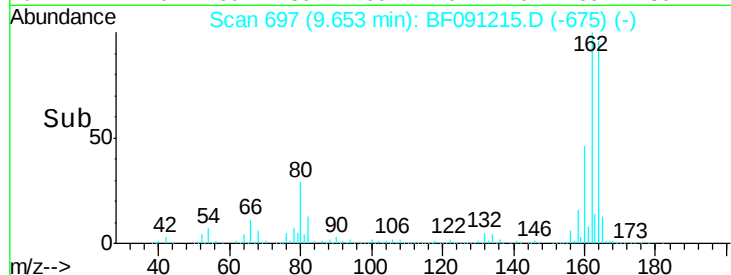
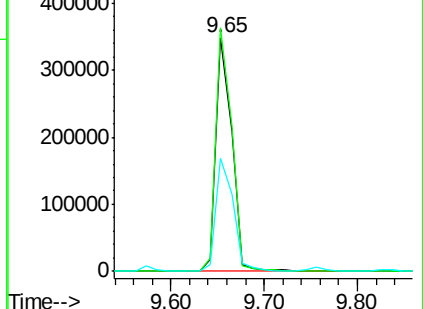
160 48.5 37.9 56.9



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: 143.60 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

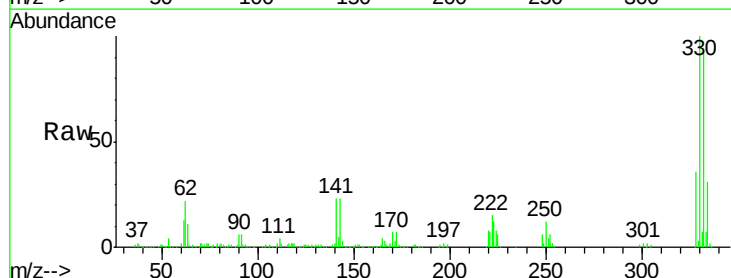
Tgt Ion:330 Resp: 533738

Ion Ratio Lower Upper

330 100

332 94.3 75.9 113.9

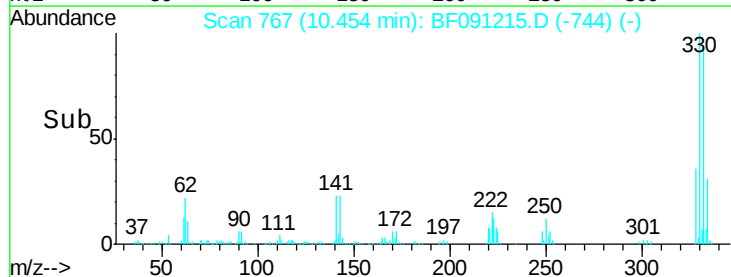
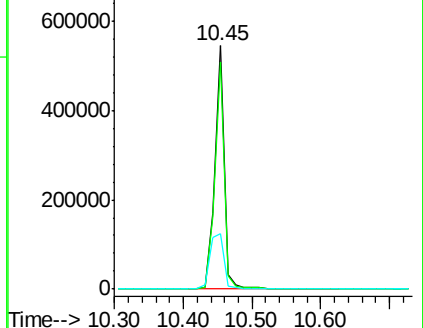
141 34.4 36.1 54.1#

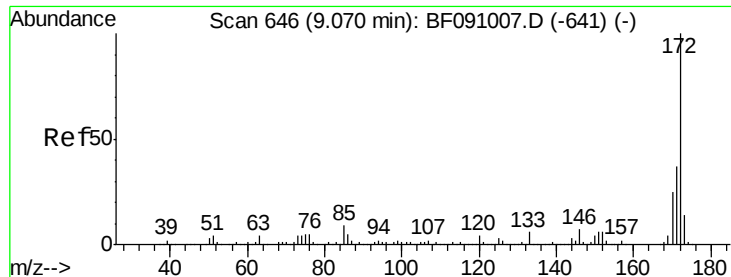


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



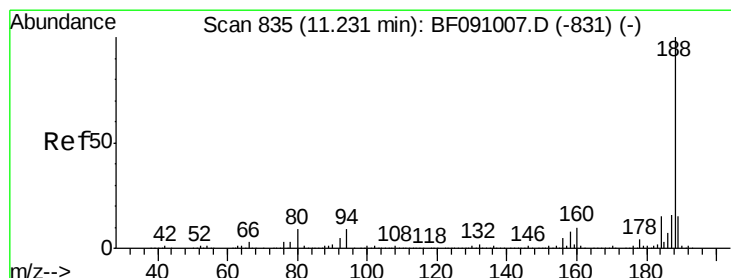
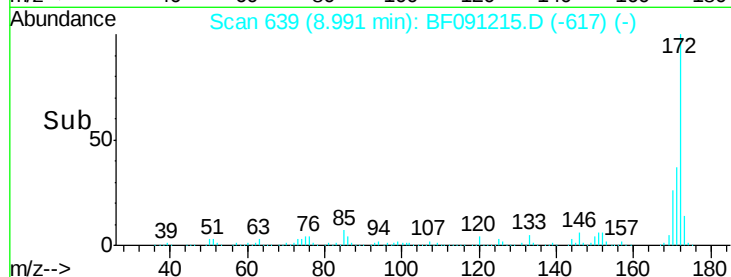
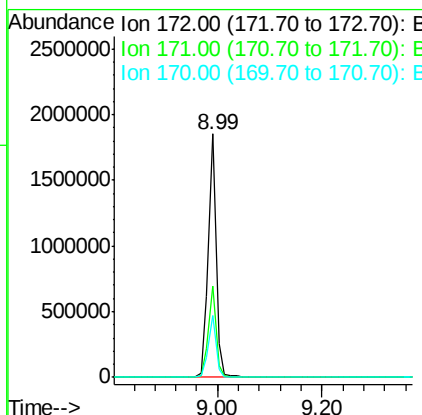
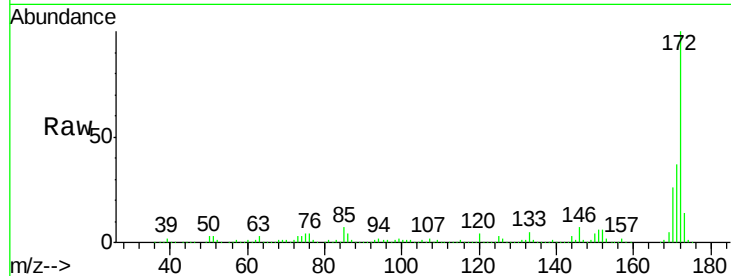


#44
 2-Fluorobiphenyl
 Concen: 82.14 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:172 Resp: 1961594

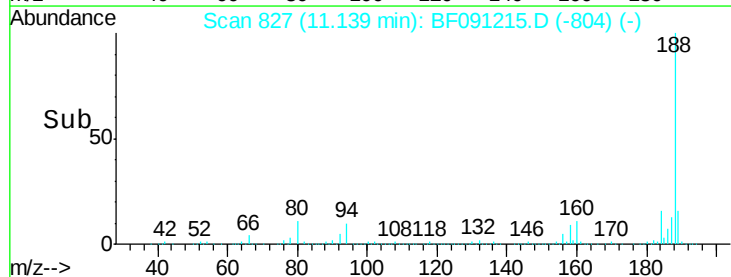
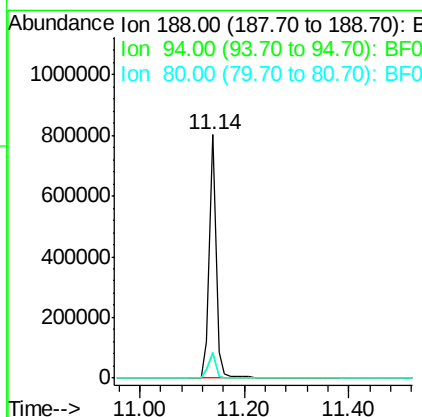
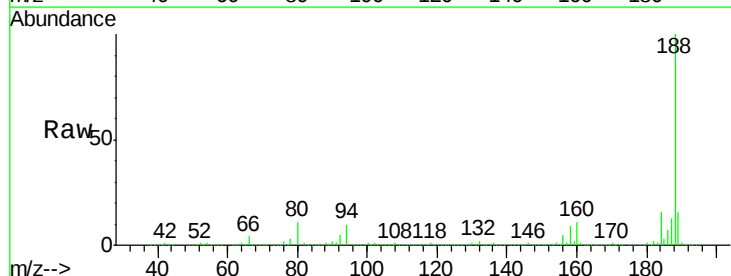
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.6	20.3	30.5

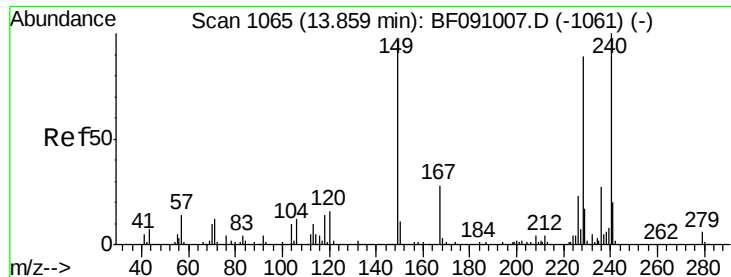


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091215.D
 Acq: 17 Nov 2016 16:35

Tgt Ion:188 Resp: 725858

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.4
80	10.8	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

Instrument :

BNA_F

ClientSampleId :

MW-4

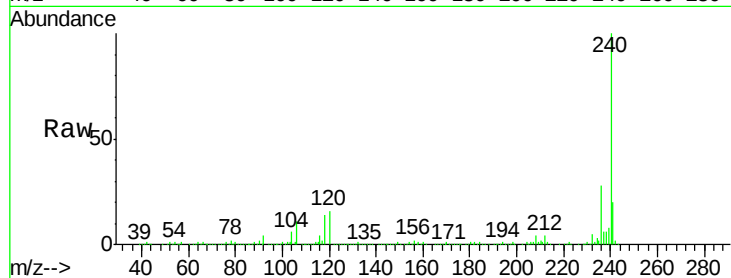
Tot Ion:240 Resp: 505466

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

236 27.9 21.9 32.9



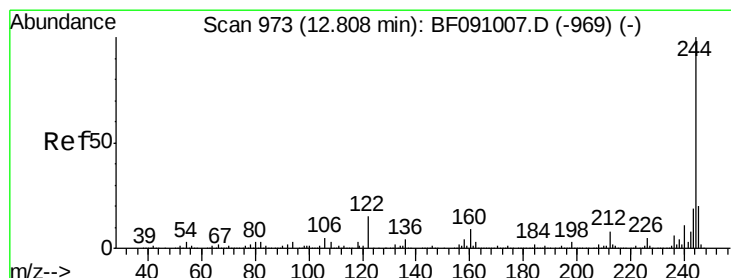
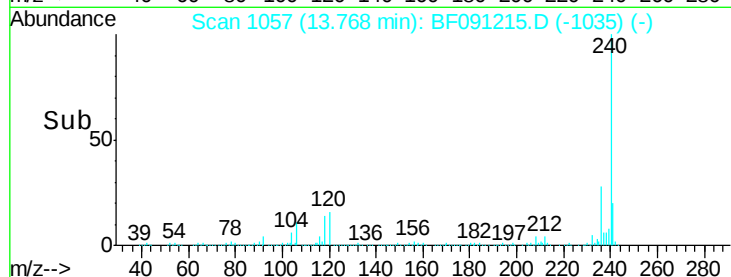
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.77

Time--> 13.60 13.80 14.00



#78

Terphenyl-d14

Concen: 93.95 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091215.D

Acq: 17 Nov 2016 16:35

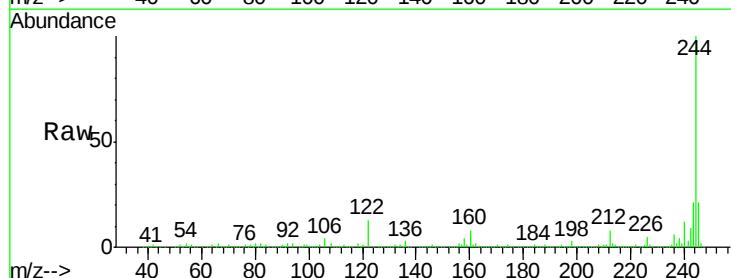
Tgt Ion:244 Resp: 1903076

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 12.6 12.3 18.5



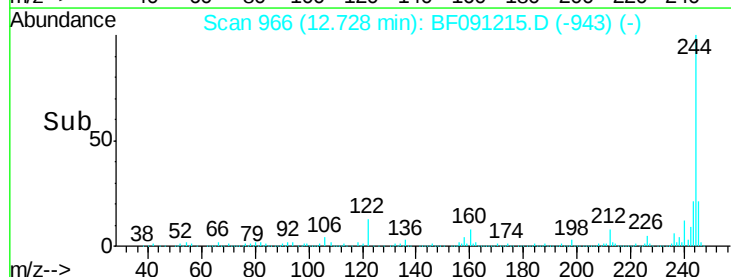
Abundance Ion 244.00 (243.70 to 244.70): E

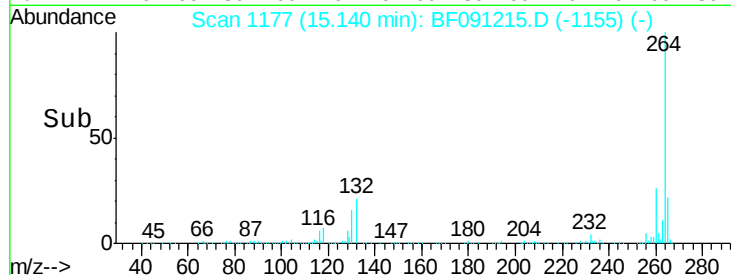
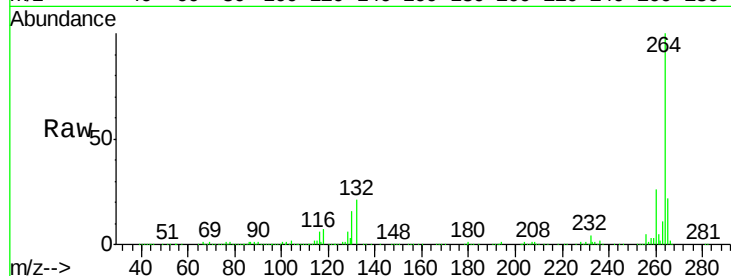
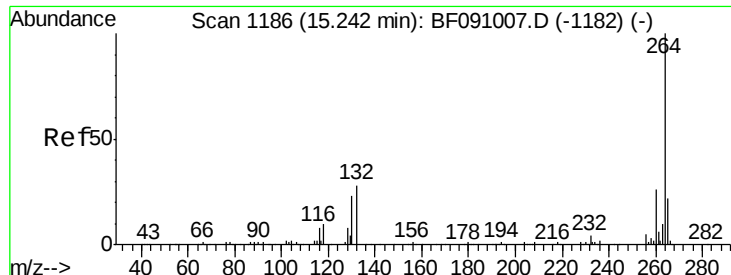
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.73

Time--> 12.60 12.80 13.00





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091215.D
Acq: 17 Nov 2016 16:35

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion:	264	Resp:	346573
Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	22.3	17.8	26.8

