

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091222.D
 Acq On : 17 Nov 2016 19:48
 Operator : UM/SJ
 Sample : H5628-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

Quant Time: Nov 18 03:56:42 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

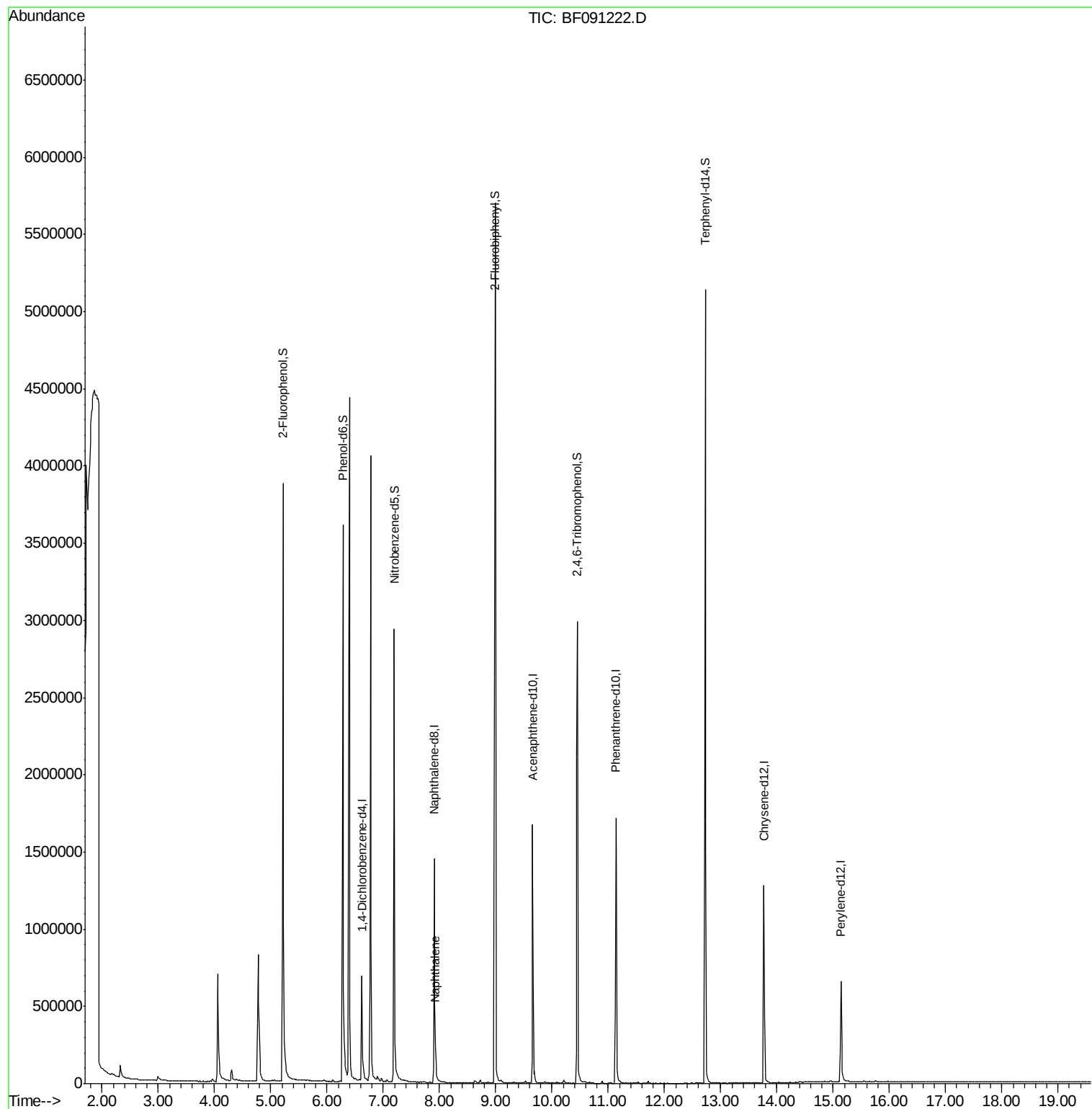
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	180656	20.00	ng	-0.03
21) Naphthalene-d8	7.90	136	765766	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	403458	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	676038	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	478883	20.00	ng	-0.05
86) Perylene-d12	15.14	264	292827	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1317680	120.46	ng	-0.02
7) Phenol-d6	6.28	99	1612336	108.60	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1376591	98.06	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	576394	158.02	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2100285	89.62	ng	-0.05
78) Terphenyl-d14	12.73	244	2017337	105.12	ng	-0.03
Target Compounds						
31) Naphthalene	7.93	128	103307	2.82	ng	Qvalue 99

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

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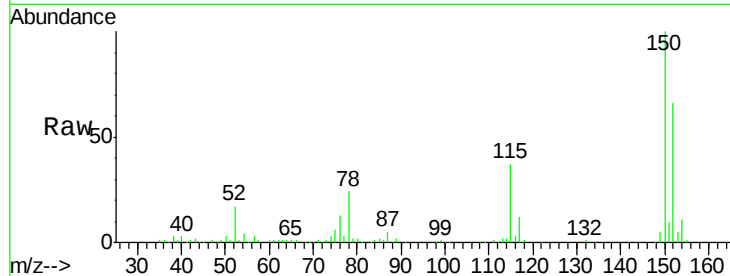


#1

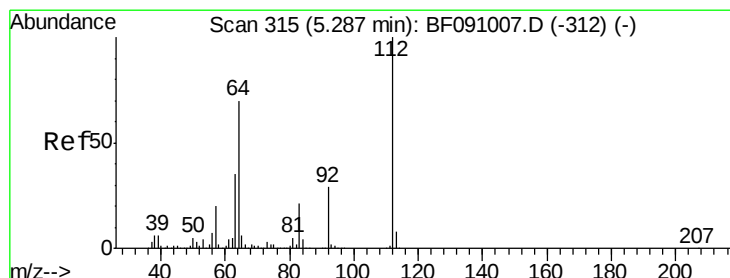
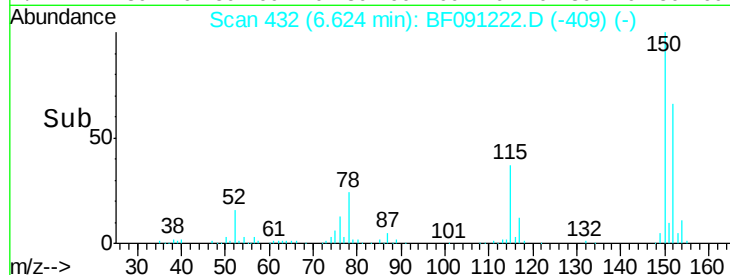
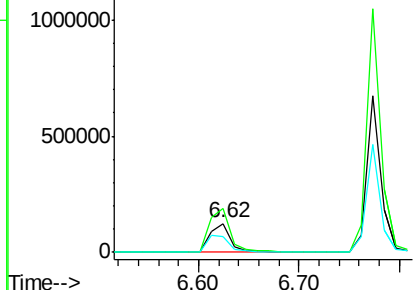
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tot Ion:152 Resp: 180656
Ion Ratio Lower Upper
152 100
150 152.0 126.8 190.2
115 55.8 53.3 79.9



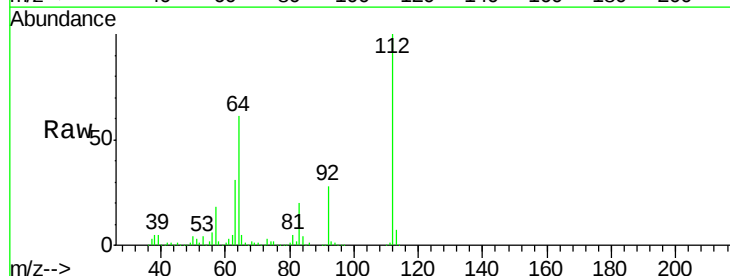
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



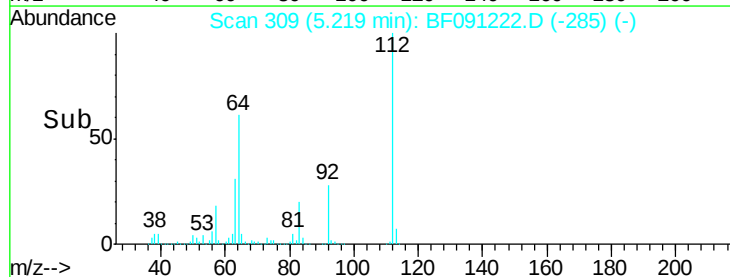
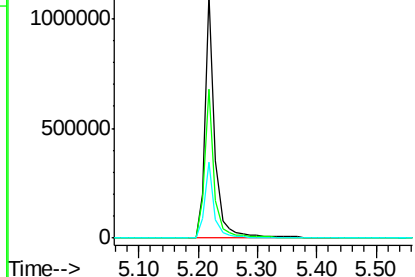
#5

2-Fluorophenol
Concen: 120.46 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:112 Resp: 1317680
Ion Ratio Lower Upper
112 100
64 61.2 55.8 83.6
63 31.4 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: 108.60 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091222.D

Acq: 17 Nov 2016 19:48

Instrument :

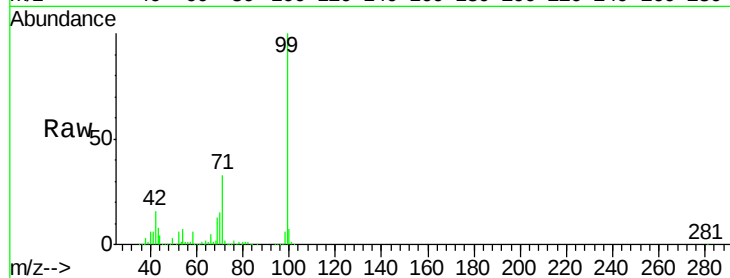
BNA_F

ClientSampleId :

SB-COMP

Tot Ion: 99 Resp: 1612336

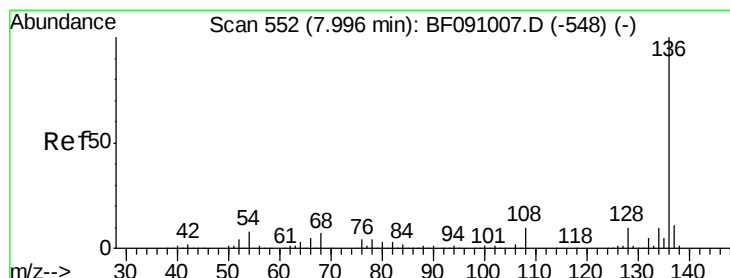
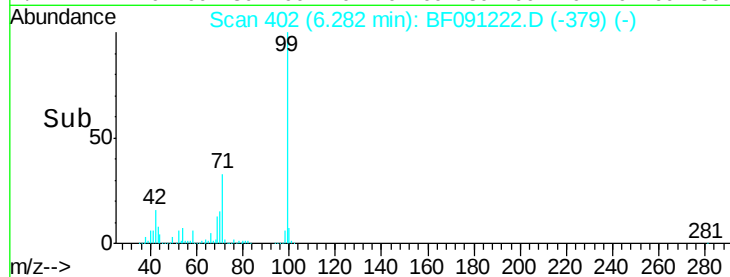
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.9	20.9
71	33.3	27.8	41.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

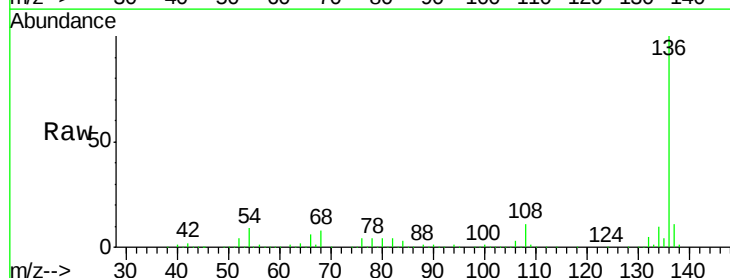
Delta R.T. -0.05 min

Lab File: BF091222.D

Acq: 17 Nov 2016 19:48

Tgt Ion: 136 Resp: 765766

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.9	6.2	9.2
68	7.9	5.5	8.3

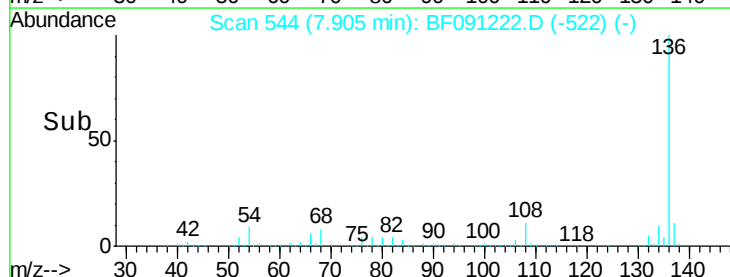


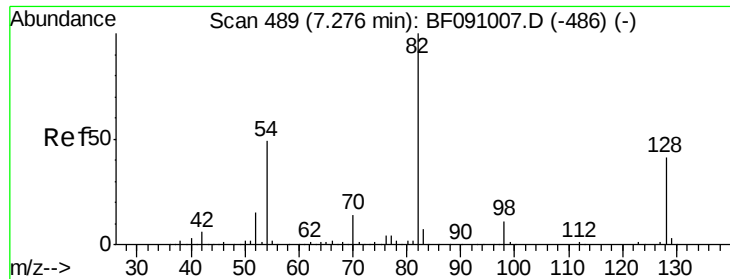
Abundance Ion 136.00 (135.70 to 136.70): E

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

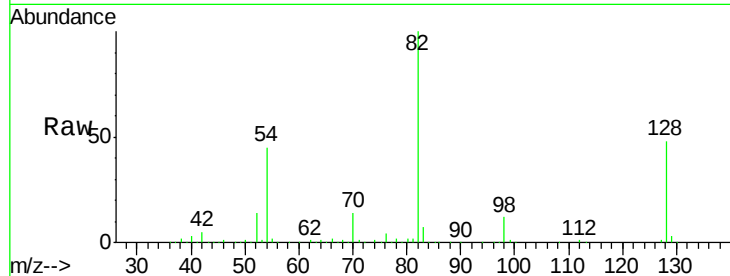




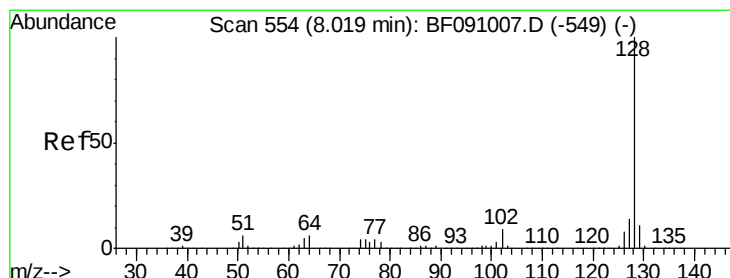
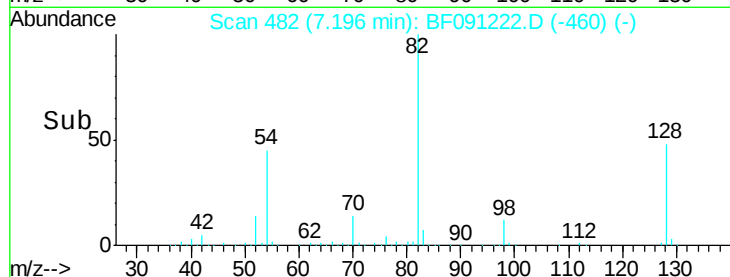
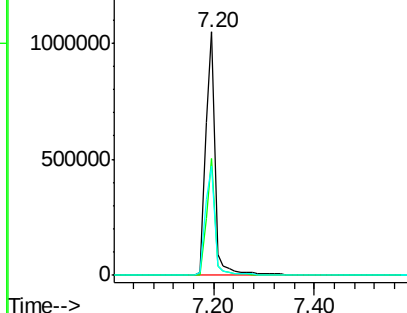
#23
 Nitrobenzene-d5
 Concen: 98.06 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091222.D
 Acq: 17 Nov 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

Tot Ion: 82 Resp: 1376591
 Ion Ratio Lower Upper
 82 100
 128 48.1 32.4 48.6
 54 44.6 39.2 58.8

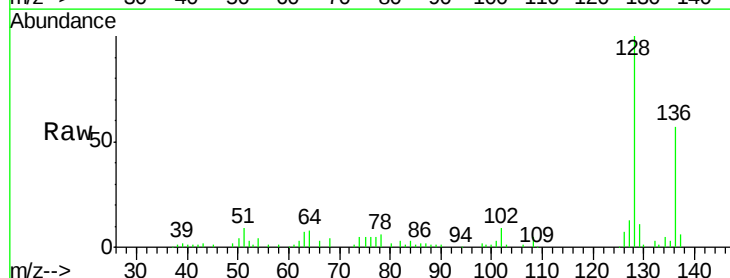


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

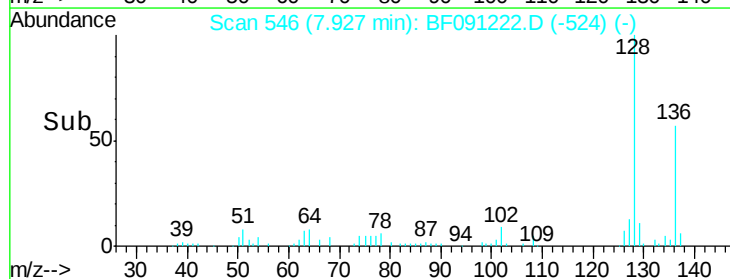
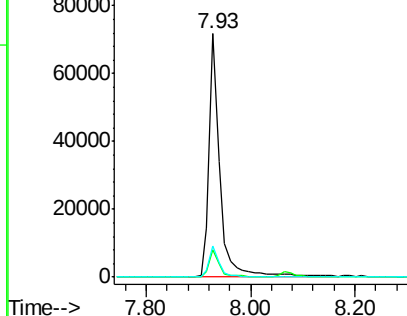


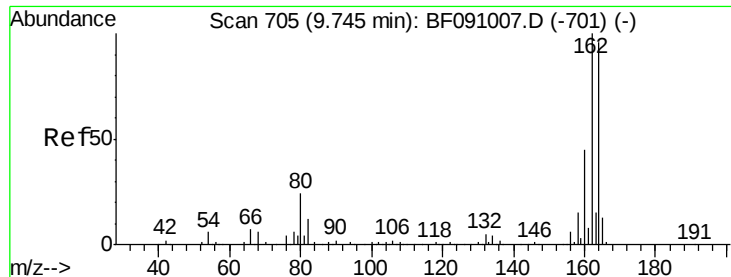
#31
 Naphthalene
 Concen: 2.82 ng
 RT: 7.93 min Scan# 546
 Delta R.T. -0.05 min
 Lab File: BF091222.D
 Acq: 17 Nov 2016 19:48

Tgt Ion: 128 Resp: 103307
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.0 13.6
 127 13.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091222.D

Acq: 17 Nov 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-COMP

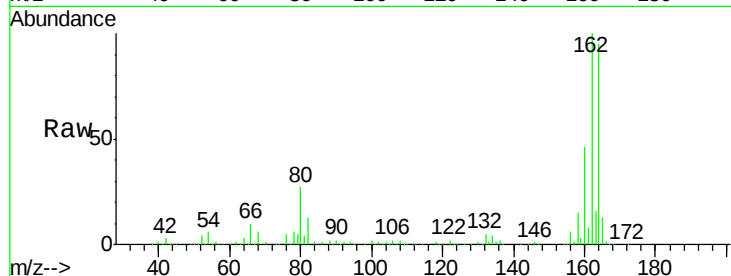
Tot Ion:164 Resp: 403458

Ion Ratio Lower Upper

164 100

162 104.8 83.6 125.4

160 48.4 37.9 56.9



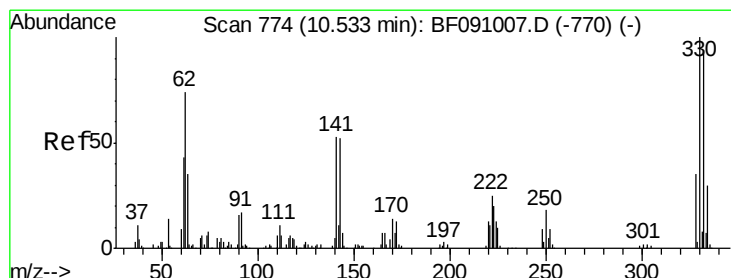
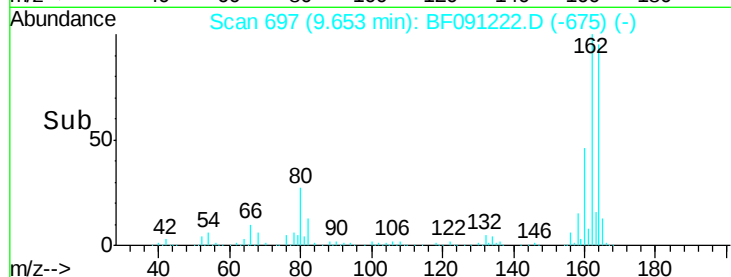
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.65

Time-->



#41

2,4,6-Tribromophenol

Concen: 158.02 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091222.D

Acq: 17 Nov 2016 19:48

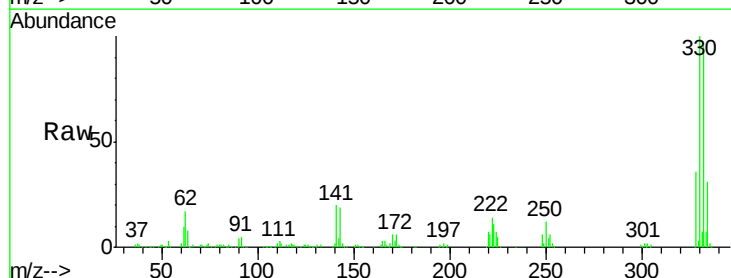
Tgt Ion:330 Resp: 576394

Ion Ratio Lower Upper

330 100

332 95.0 75.9 113.9

141 30.6 36.1 54.1#



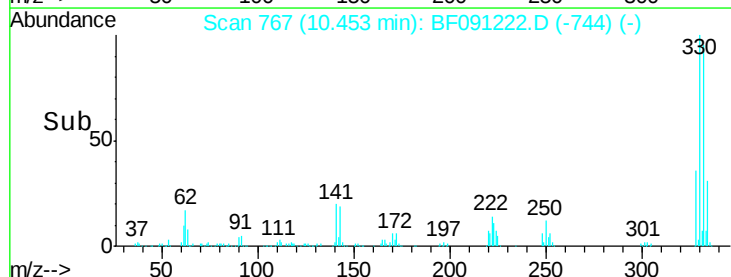
Abundance Ion 329.80 (329.50 to 330.50): E

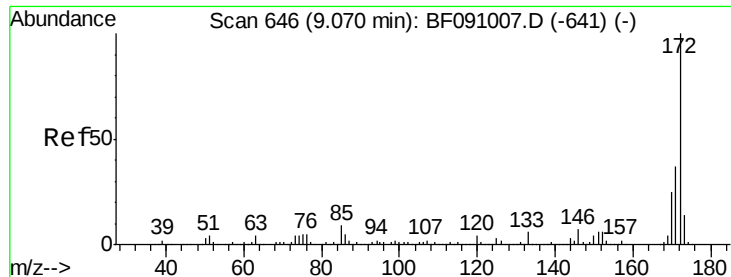
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.45

Time-->



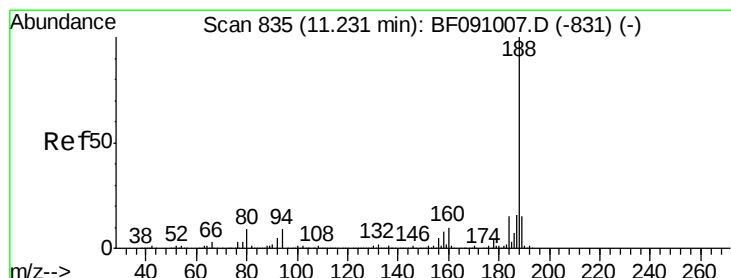
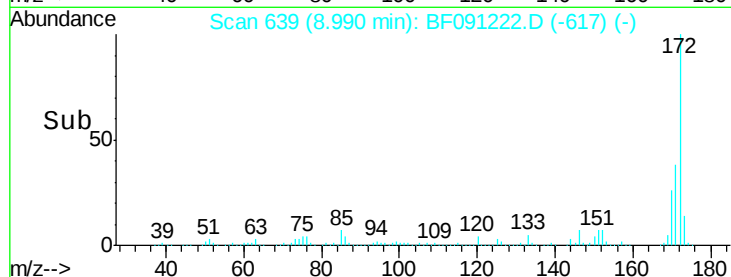
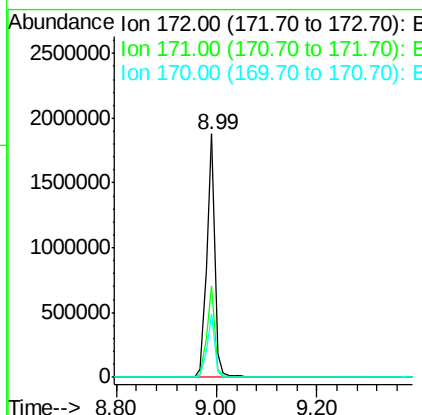
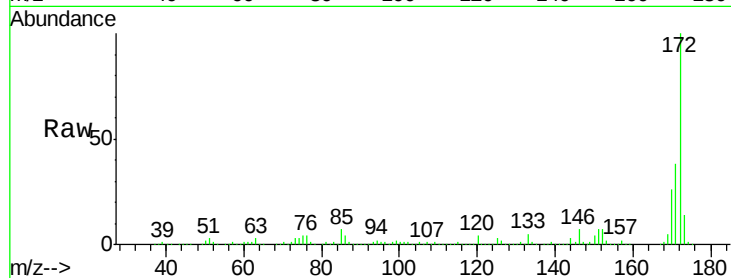


#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091222.D
 Acq: 17 Nov 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMP

Tot Ion:172 Resp: 2100285

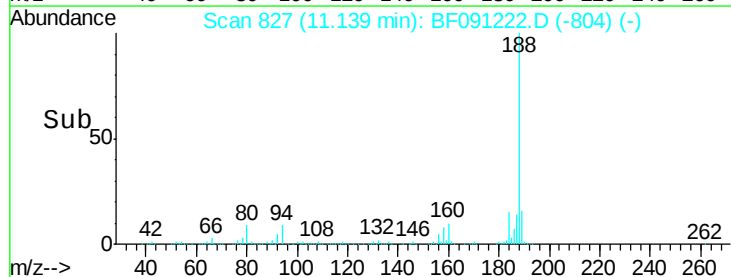
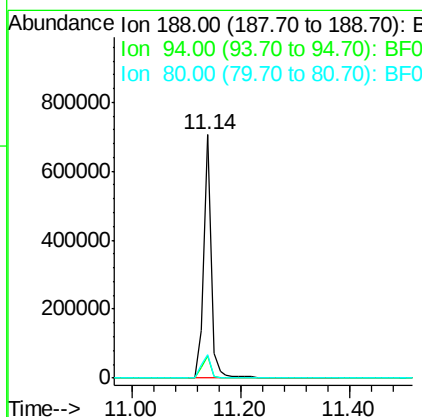
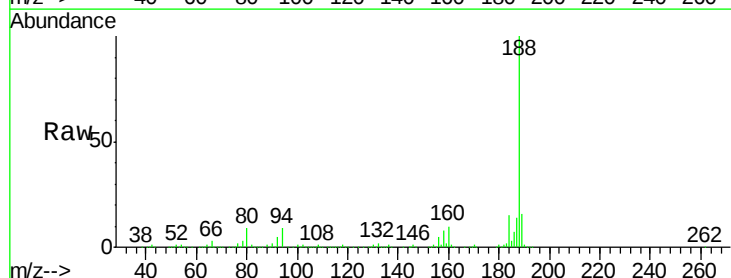
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	26.1	20.3	30.5

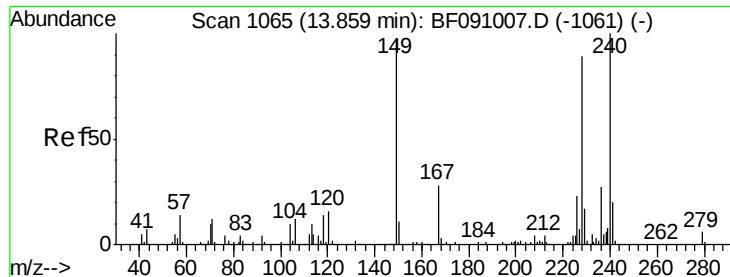


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091222.D
 Acq: 17 Nov 2016 19:48

Tgt Ion:188 Resp: 676038

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	9.5	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: BF091222.D

Acq: 17 Nov 2016 19:48

Instrument :

BNA_F

ClientSampleId :

SB-COMP

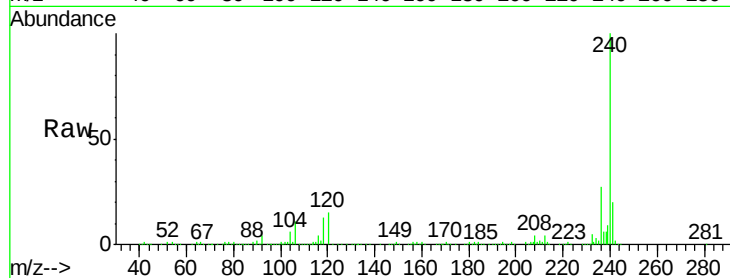
Tot Ion:240 Resp: 478883

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

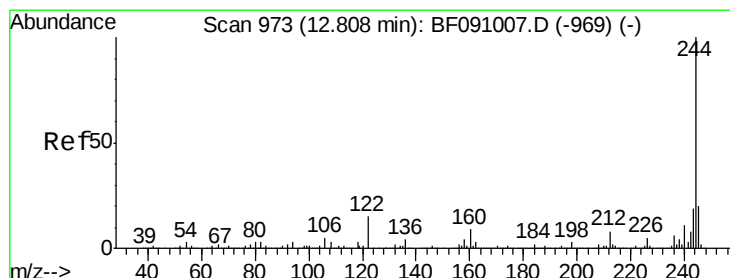
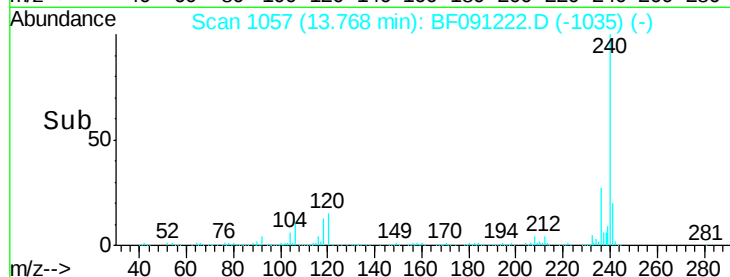
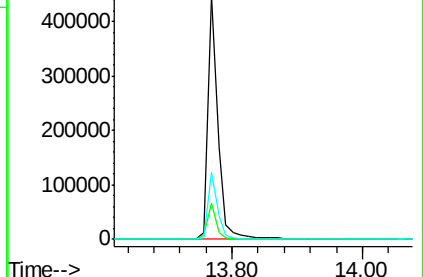
236 27.2 21.9 32.9



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: 105.12 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091222.D

Acq: 17 Nov 2016 19:48

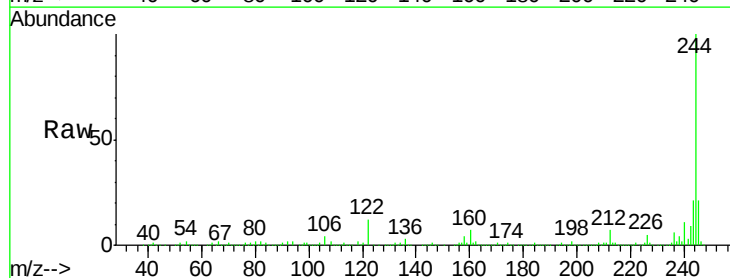
Tgt Ion:244 Resp: 2017337

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

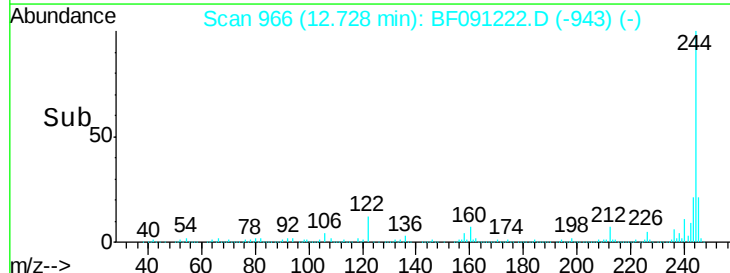
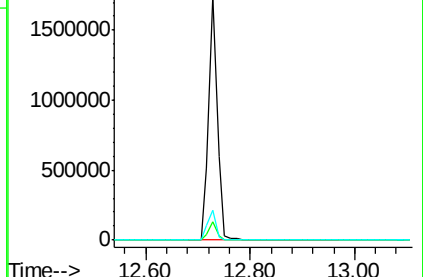
122 12.1 12.3 18.5#

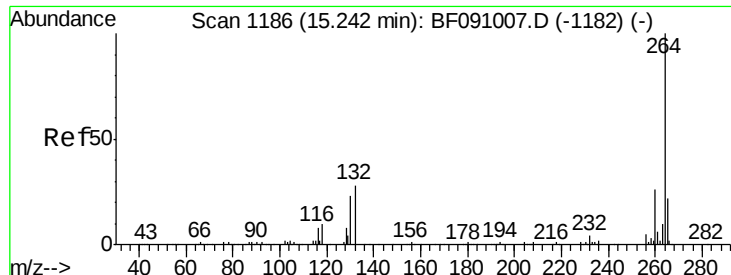


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.8	17.8	26.8

