

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090258.D
 Acq On : 27 Sep 2016 18:10
 Operator : UM/SJ
 Sample : H4933-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-14.5-15-BGS

Quant Time: Sep 28 01:02:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

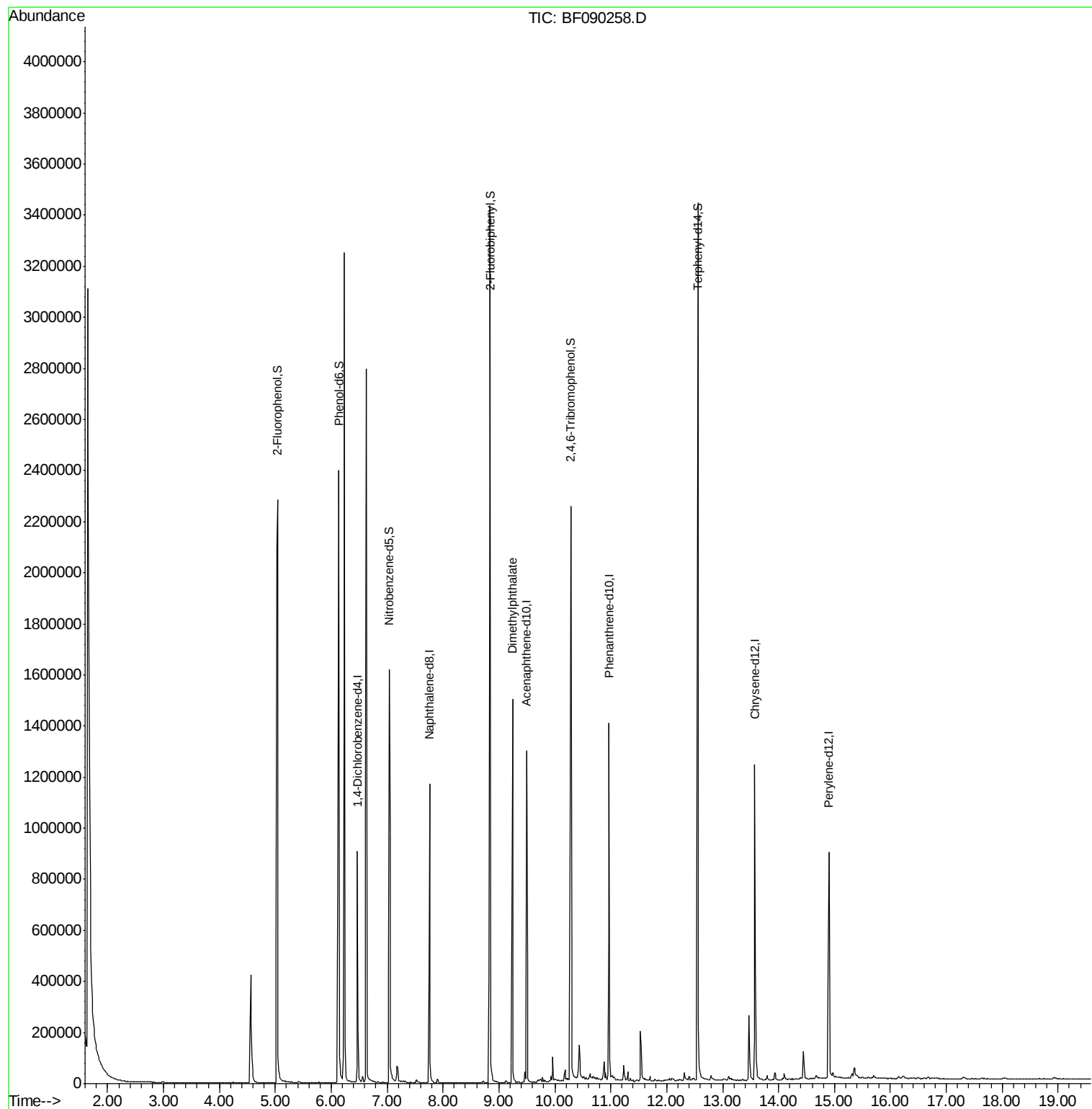
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	148649	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	612073	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	330492	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	585729	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	478555	20.00	ng	-0.02
86) Perylene-d12	14.90	264	399542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1165875	127.84	ng	0.01
7) Phenol-d6	6.14	99	1591939	141.35	ng	0.00
23) Nitrobenzene-d5	7.04	82	825154	78.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	358214	126.34	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1538412	91.38	ng	-0.01
78) Terphenyl-d14	12.56	244	1316316	69.83	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	802346	38.12	ng	100

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

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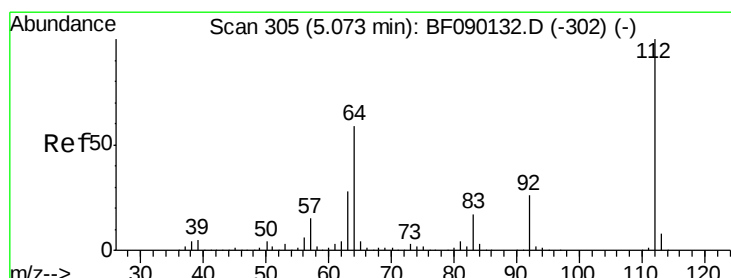
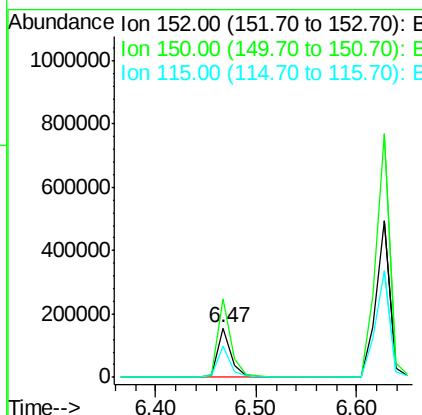
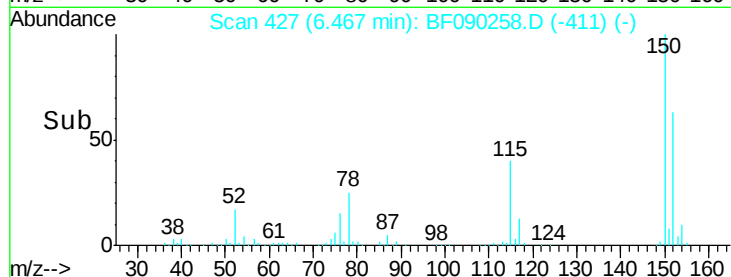
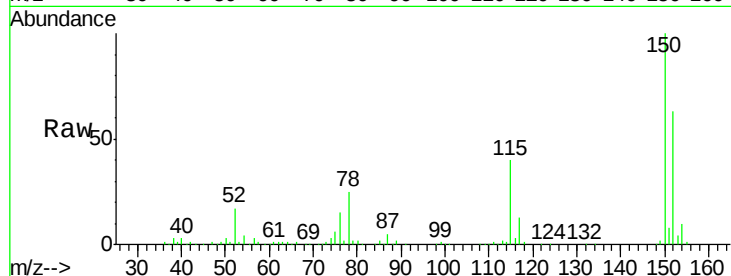




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF090258.D
 Acq: 27 Sep 2016 18:10

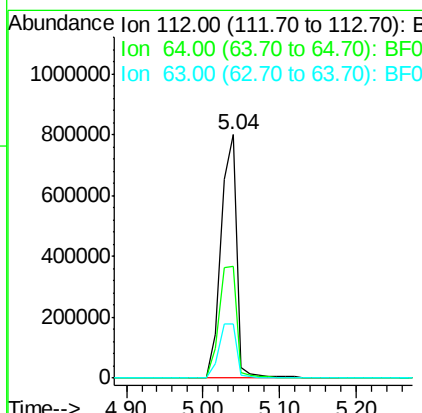
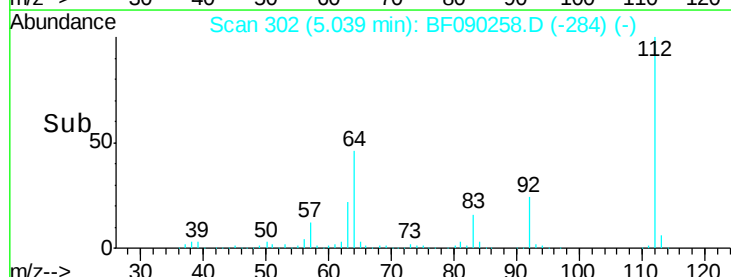
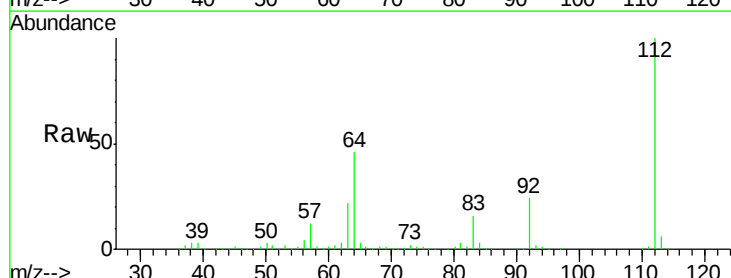
Instrument :
 BNA_F
 ClientSampleId :
 B2-14.5-15-BGS

Tot Ion:152 Resp: 148649
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.9 193.3
 115 64.0 55.5 83.3



#5
 2-Fluorophenol
 Concen: 127.84 ng
 RT: 5.04 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF090258.D
 Acq: 27 Sep 2016 18:10

Tgt Ion:112 Resp: 1165875
 Ion Ratio Lower Upper
 112 100
 64 46.0 39.8 59.6
 63 22.2 18.9 28.3





#7

Phenol-d6

Concen: 141.35 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090258.D

Acq: 27 Sep 2016 18:10

Instrument :

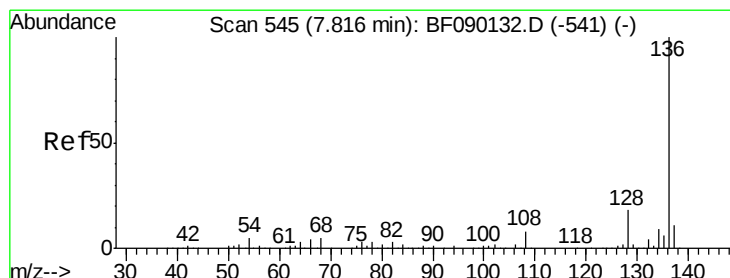
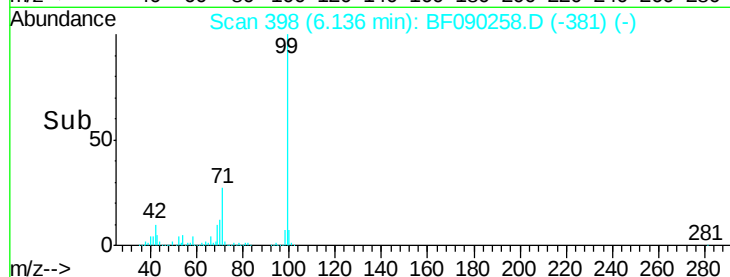
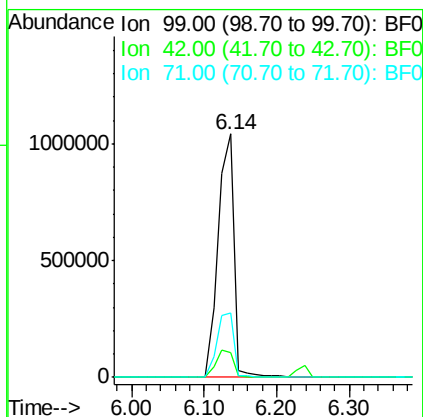
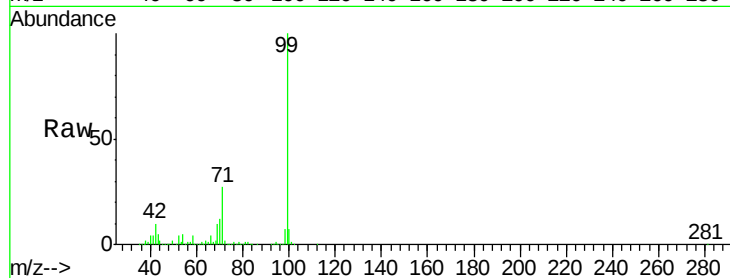
BNA_F

ClientSampleId :

B2-14.5-15-BGS

Tot Ion: 99 Resp: 1591939

Ion	Ratio	Lower	Upper
99	100		
42	10.0	10.6	15.8#
71	26.7	23.0	34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

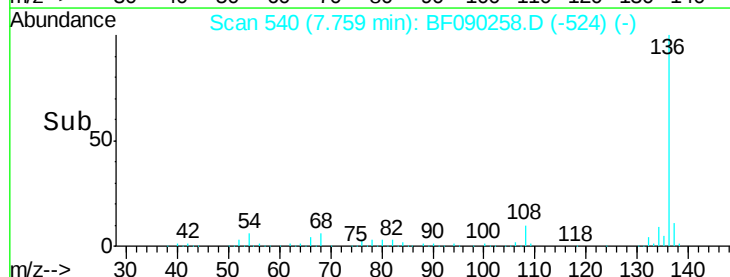
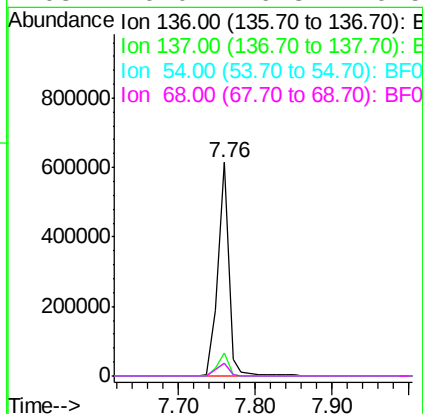
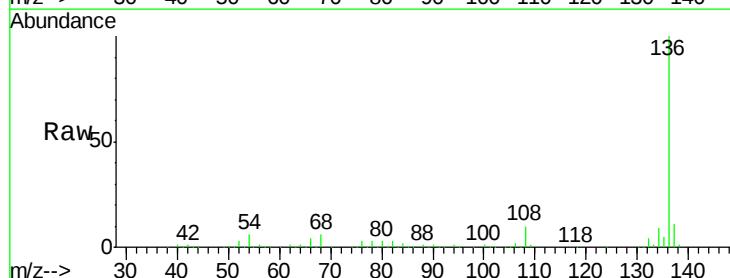
Delta R.T. -0.01 min

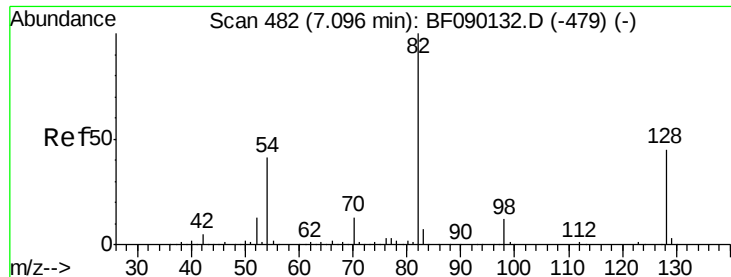
Lab File: BF090258.D

Acq: 27 Sep 2016 18:10

Tgt Ion: 136 Resp: 612073

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	6.4	9.6#
68	6.0	6.3	9.5#

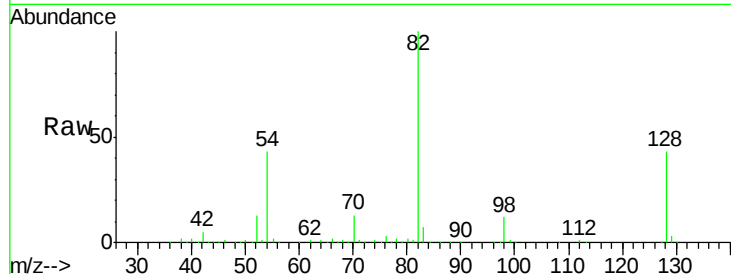




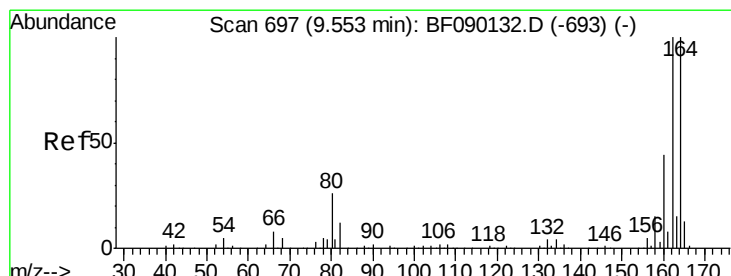
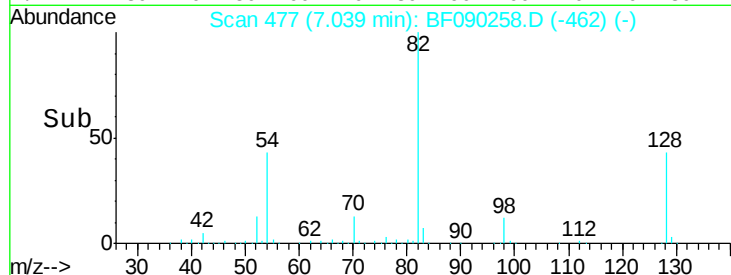
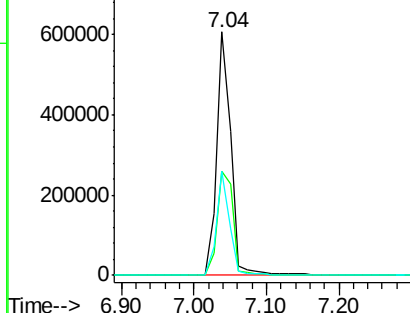
#23
 Nitrobenzene-d5
 Concen: 78.15 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090258.D
 Acq: 27 Sep 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 B2-14.5-15-BGS

Tot Ion: 82 Resp: 825154
 Ion Ratio Lower Upper
 82 100
 128 42.9 37.5 56.3
 54 42.7 31.9 47.9

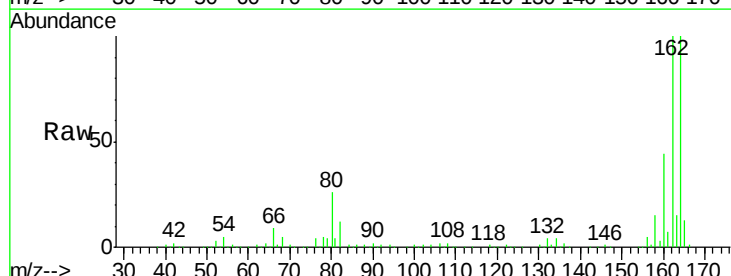


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

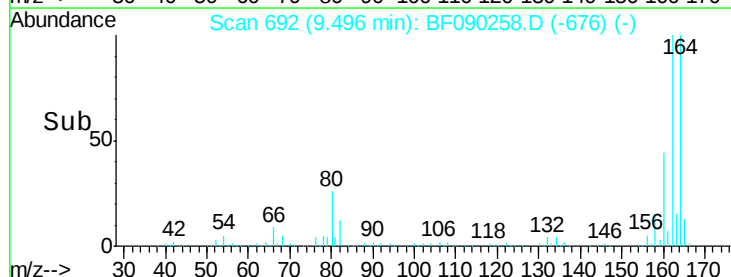
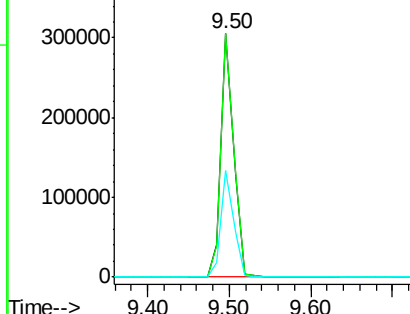


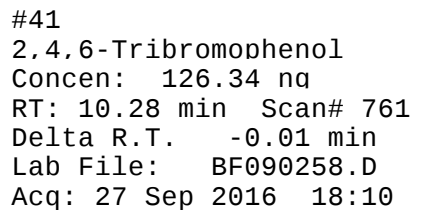
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090258.D
 Acq: 27 Sep 2016 18:10

Tgt Ion: 164 Resp: 330492
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.4 122.2
 160 44.0 36.6 54.8



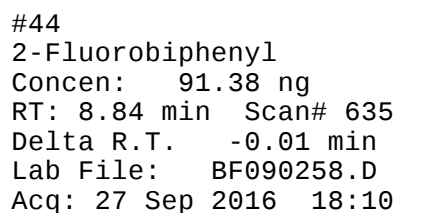
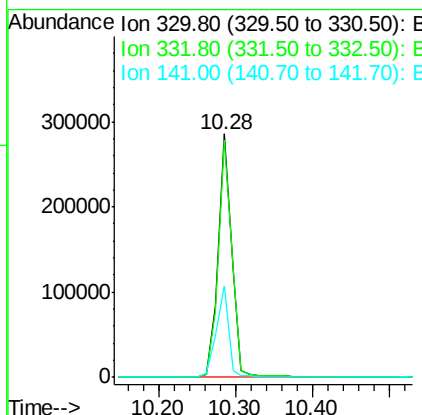
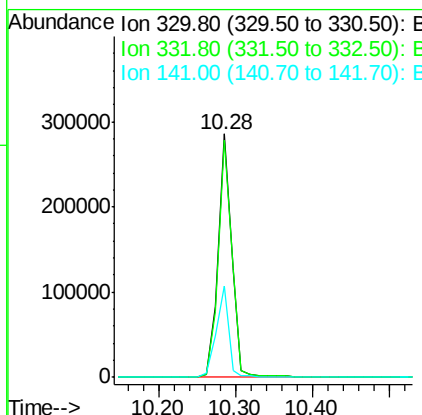
Abundance Ion 164.00 (163.70 to 164.70): BF0
 Ion 162.00 (161.70 to 162.70): BF0
 Ion 160.00 (159.70 to 160.70): BF0



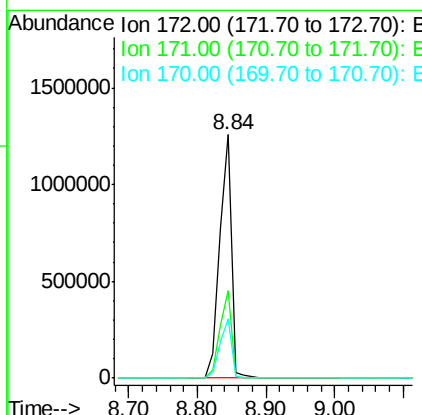
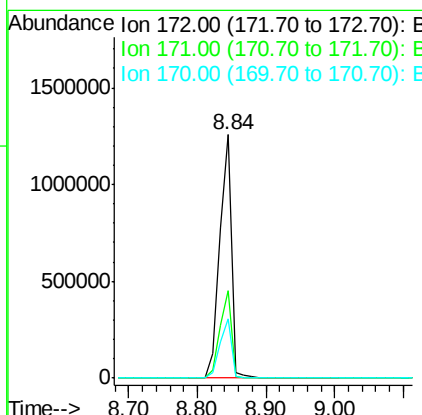


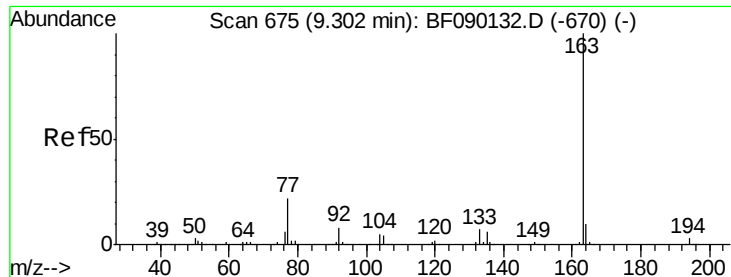
Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tot	Ion:330	Resp:	358214
Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	33.6	23.9	35.9



Tgt	Ion:172	Resp:	1538412
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 38.12 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF090258.D

Acq: 27 Sep 2016 18:10

Instrument :

BNA_F

ClientSampleId :

B2-14.5-15-BGS

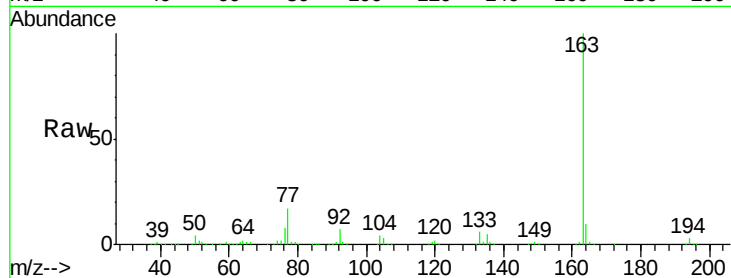
Tot Ion:163 Resp: 802346

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

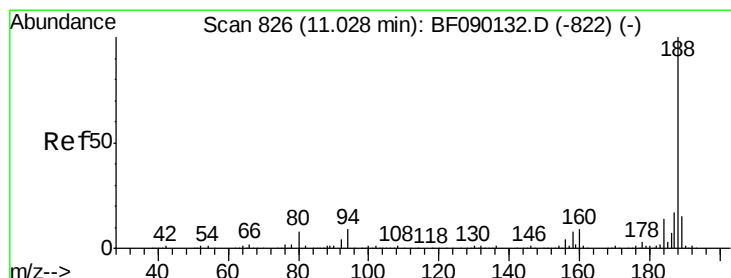
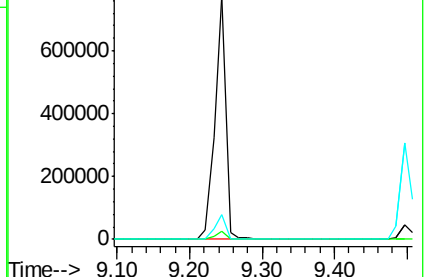
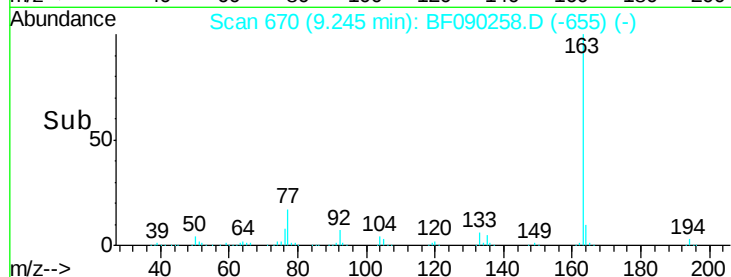
164 10.2 8.1 12.1



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: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090258.D

Acq: 27 Sep 2016 18:10

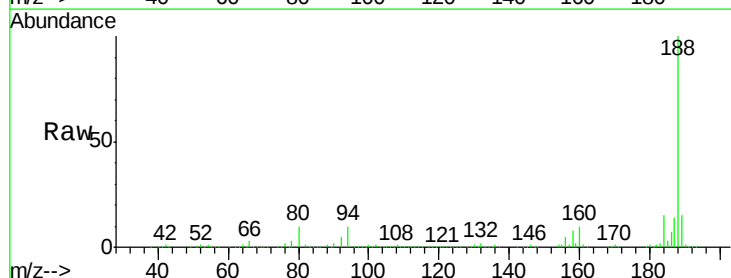
Tgt Ion:188 Resp: 585729

Ion Ratio Lower Upper

188 100

94 9.8 10.5 15.7#

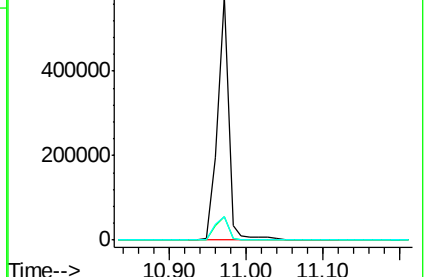
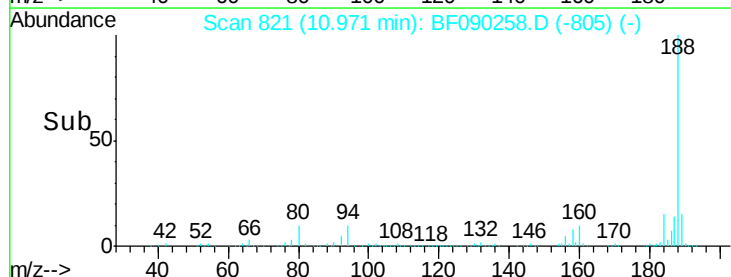
80 9.8 11.2 16.8#

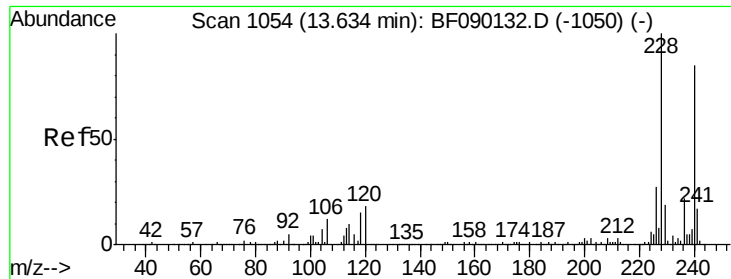


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090258.D

Acq: 27 Sep 2016 18:10

Instrument :

BNA_F

ClientSampled :

B2-14.5-15-BGS

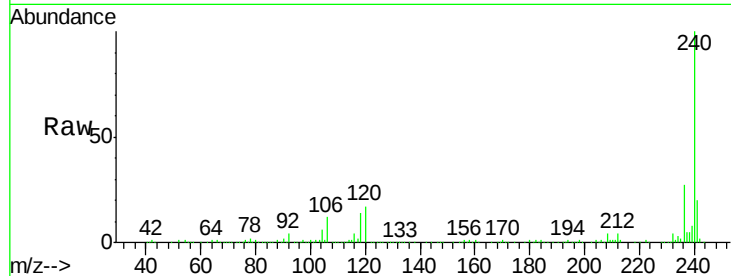
Tot Ion:240 Resp: 478555

Ion Ratio Lower Upper

240 100

120 17.1 10.6 16.0#

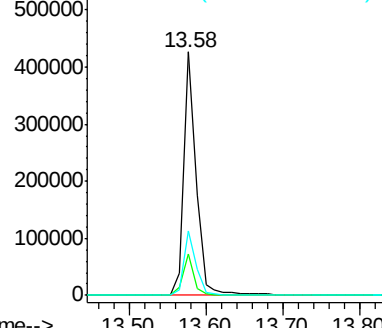
236 26.7 21.6 32.4



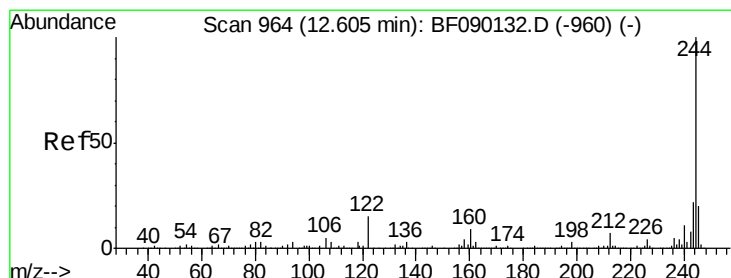
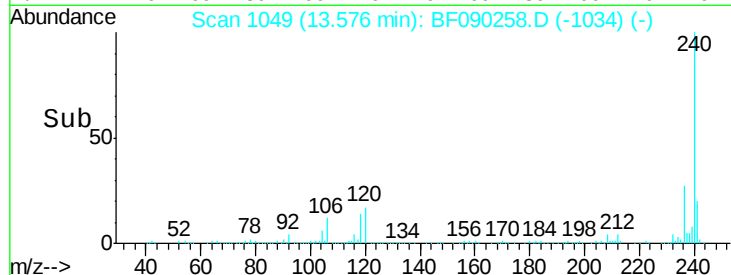
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 69.83 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090258.D

Acq: 27 Sep 2016 18:10

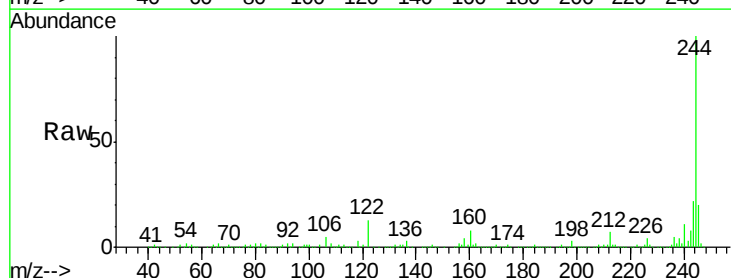
Tgt Ion:244 Resp: 1316316

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

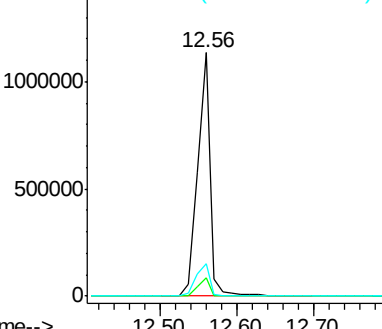
122 13.4 9.4 14.0



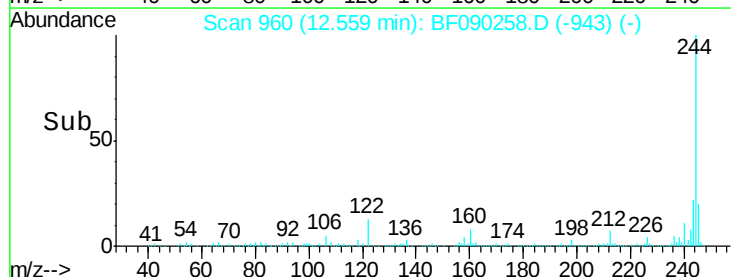
Abundance Ion 244.00 (243.70 to 244.70): E

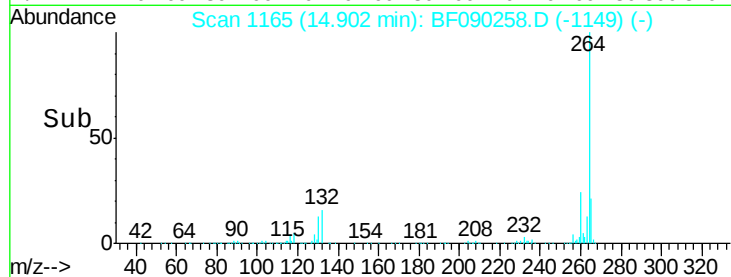
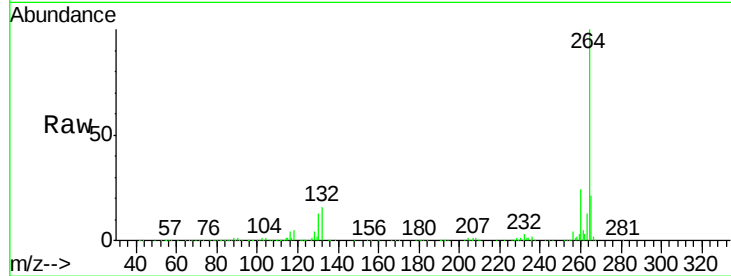
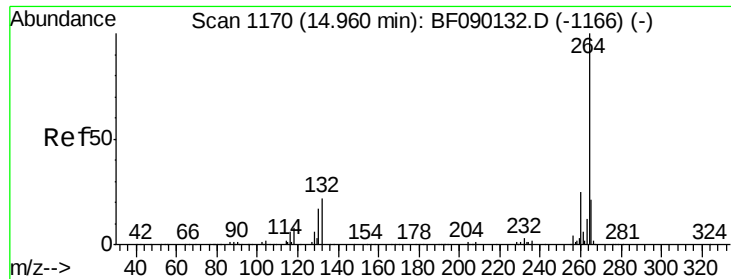
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090258.D
Acq: 27 Sep 2016 18:10

Instrument :
BNA_F
ClientSampleId :
B2-14.5-15-BGS

Tot Ion:	264	Resp:	399542
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.1	17.0	25.4

