

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090200.D
 Acq On : 23 Sep 2016 16:25
 Operator : UM/SJ
 Sample : H4827-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 17:14:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

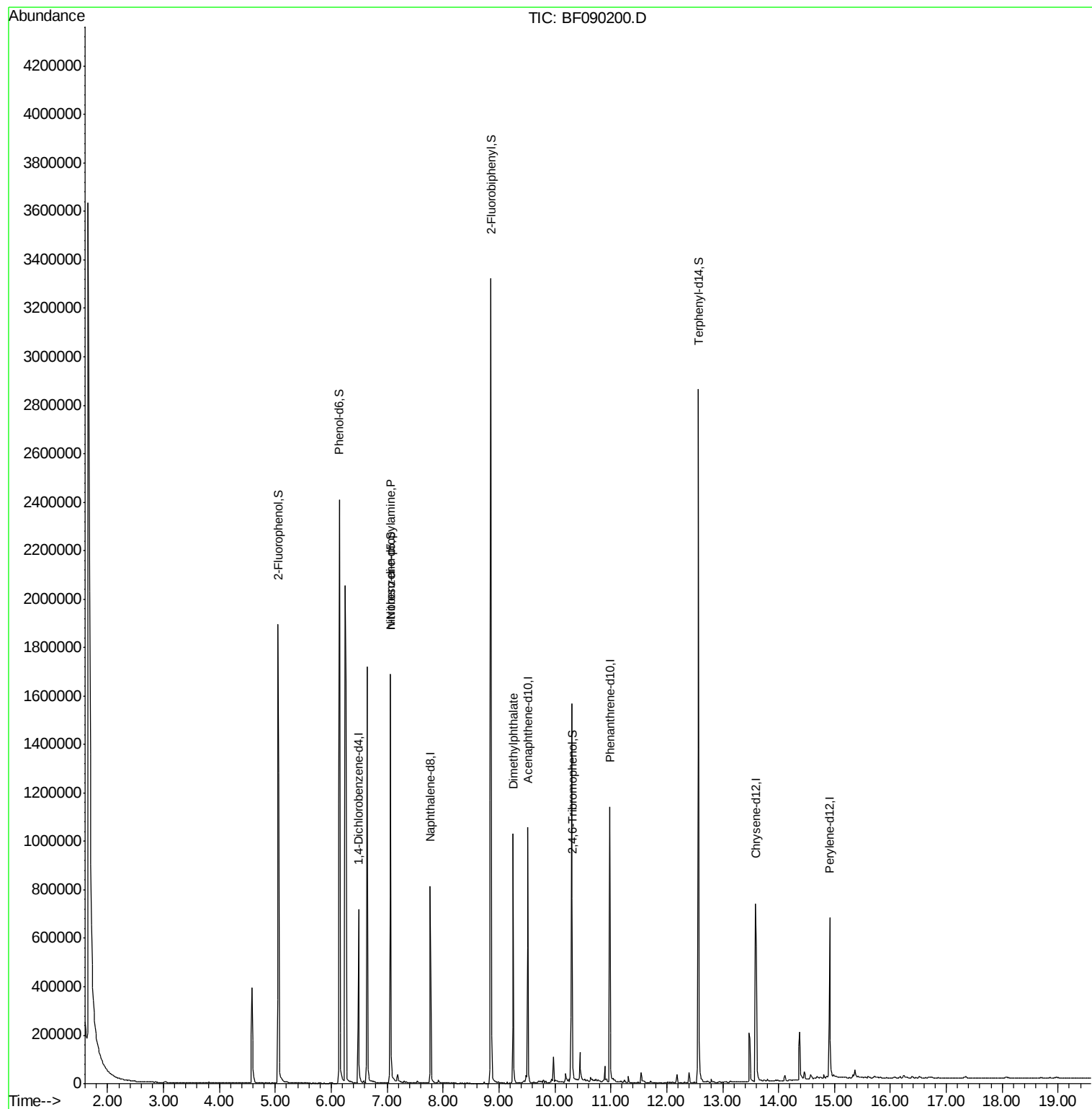
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	132059	20.00	ng	-0.03
21) Naphthalene-d8	7.77	136	491945	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	287232	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	433905	20.00	ng	-0.05
75) Chrysene-d12	13.59	240	370135	20.00	ng	-0.05
86) Perylene-d12	14.91	264	287061	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	862555	106.46	ng	-0.02
7) Phenol-d6	6.15	99	1116070	111.55	ng	-0.02
23) Nitrobenzene-d5	7.06	82	713448	84.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	266039	107.96	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	1159826	79.27	ng	-0.03
78) Terphenyl-d14	12.57	244	1049025	71.96	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	83617	14.23	ng	Qvalue # 78
49) Dimethylphthalate	9.26	163	447048	24.44	ng	100

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

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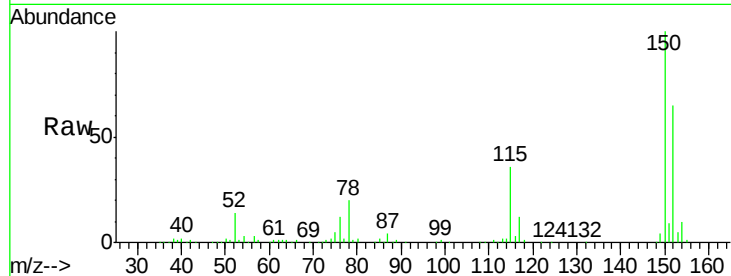


#1

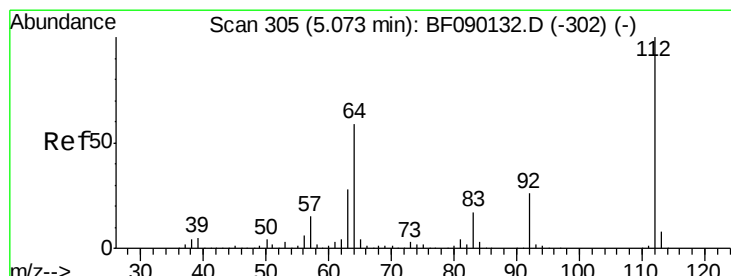
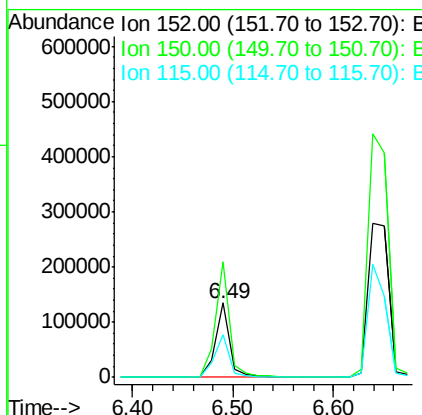
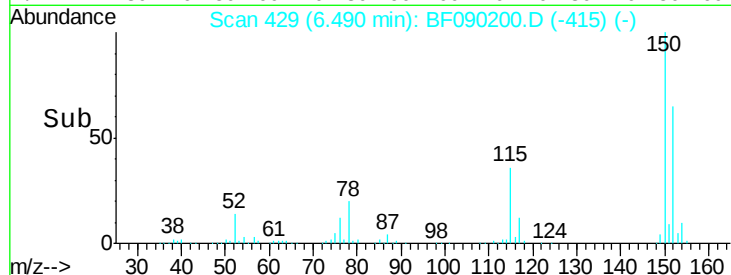
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.49 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF090200.D
 Acq: 23 Sep 2016 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	128.9	193.3
115	56.4	55.5	83.3



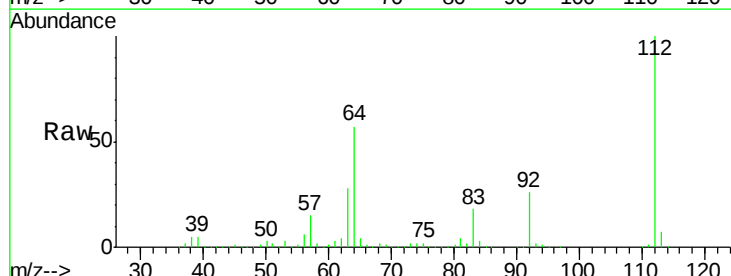
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



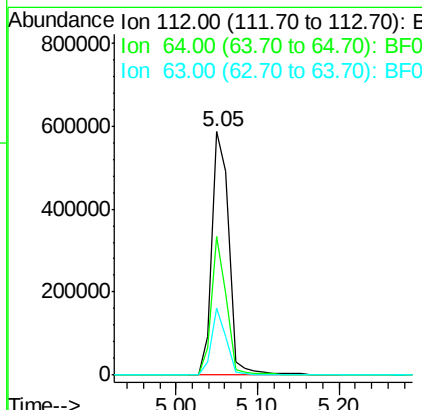
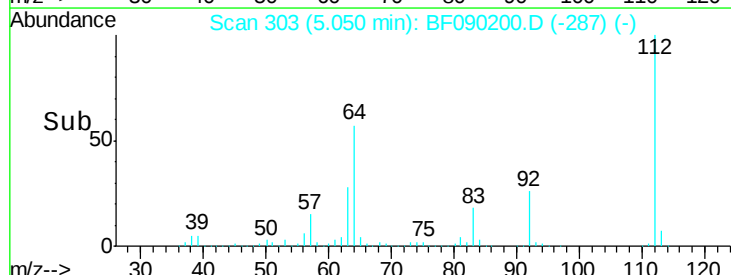
#5

2-Fluorophenol
 Concen: 106.46 ng
 RT: 5.05 min Scan# 303
 Delta R.T. -0.02 min
 Lab File: BF090200.D
 Acq: 23 Sep 2016 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.8	59.6
63	27.5	18.9	28.3



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: 111.55 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF090200.D

Acq: 23 Sep 2016 16:25

Instrument :

BNA_F

ClientSampled :

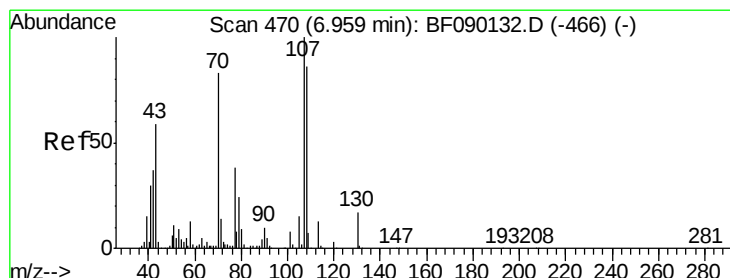
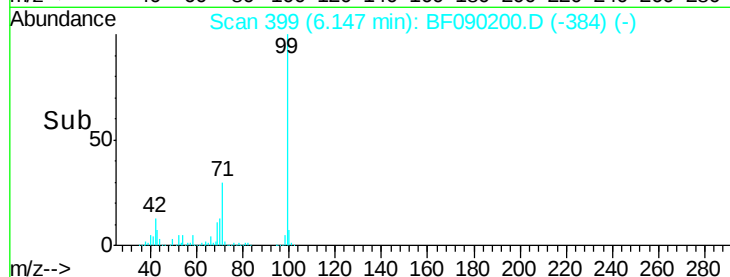
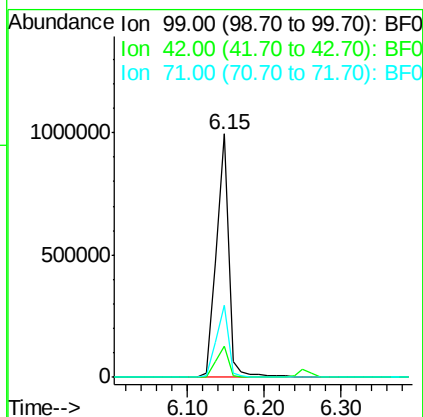
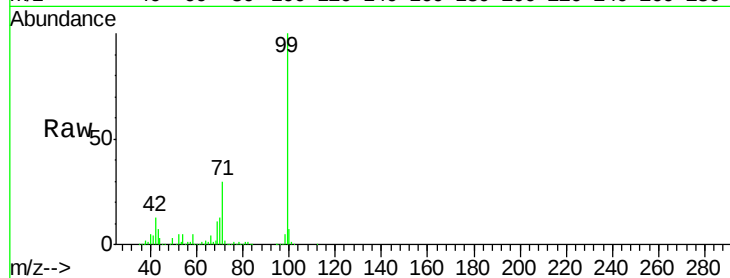
Tot Ion: 99 Resp: 1116070

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

71 29.8 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.23 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.10 min

Lab File: BF090200.D

Acq: 23 Sep 2016 16:25

Tgt Ion: 70 Resp: 83617

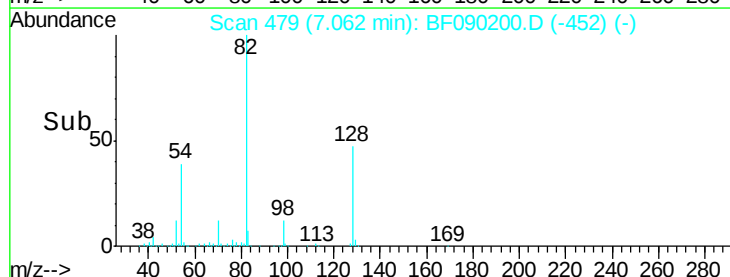
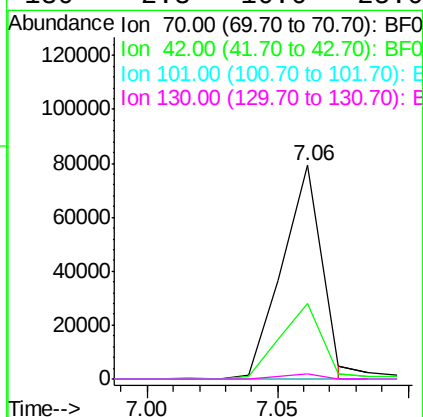
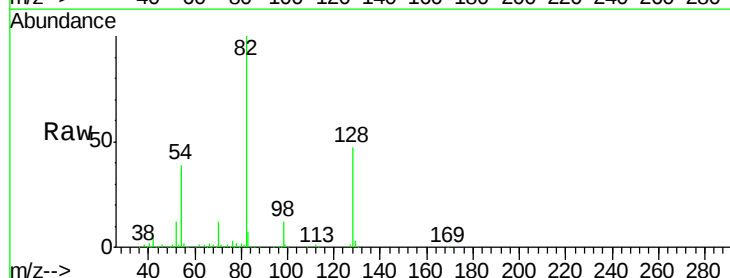
Ion Ratio Lower Upper

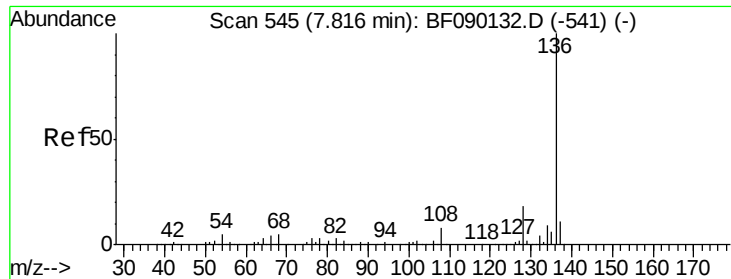
70 100

42 35.4 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.05 min

Lab File: BF090200.D

Acq: 23 Sep 2016 16:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 491945

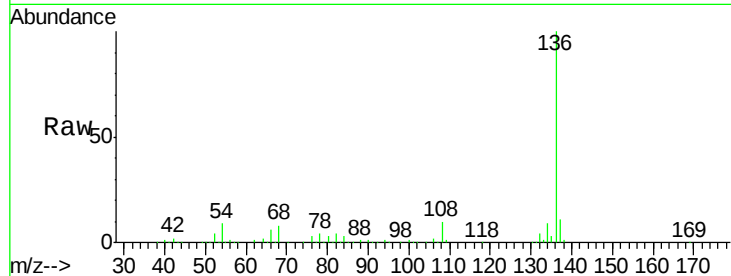
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.6 6.4 9.6

68 8.0 6.3 9.5

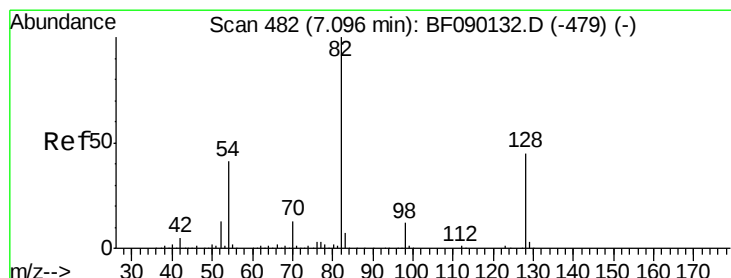
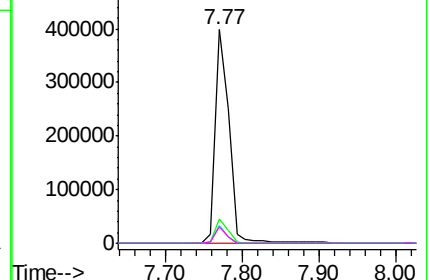
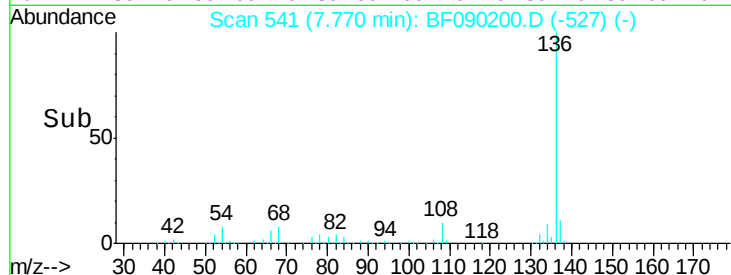


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.07 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.03 min

Lab File: BF090200.D

Acq: 23 Sep 2016 16:25

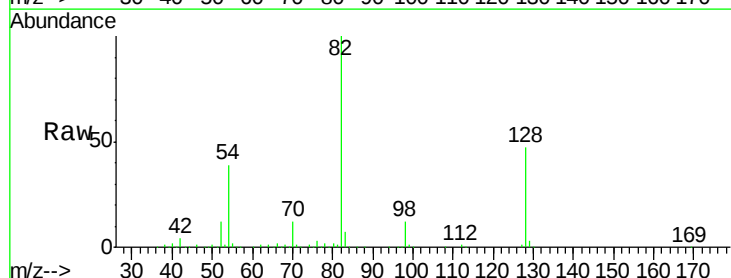
Tgt Ion: 82 Resp: 713448

Ion Ratio Lower Upper

82 100

128 46.9 37.5 56.3

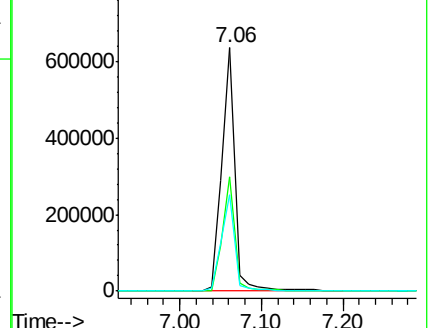
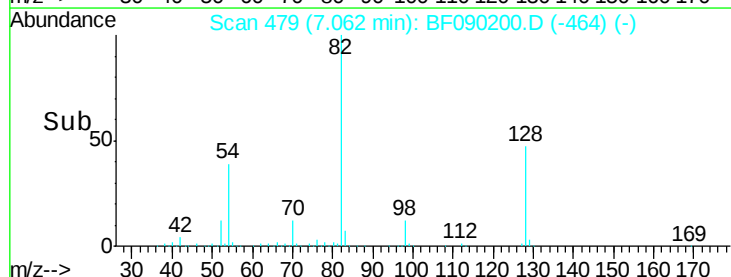
54 39.5 31.9 47.9

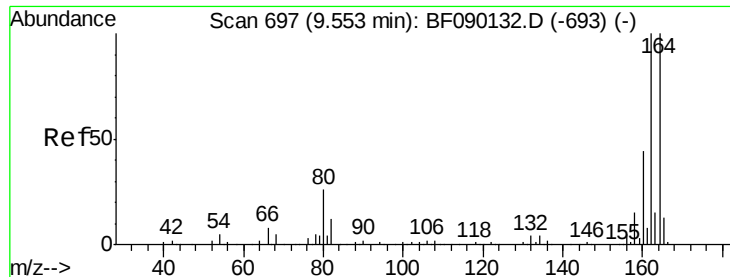


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

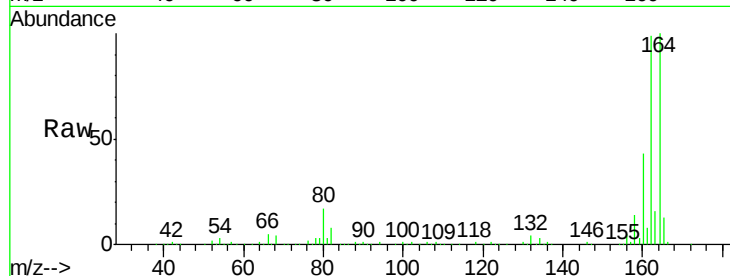




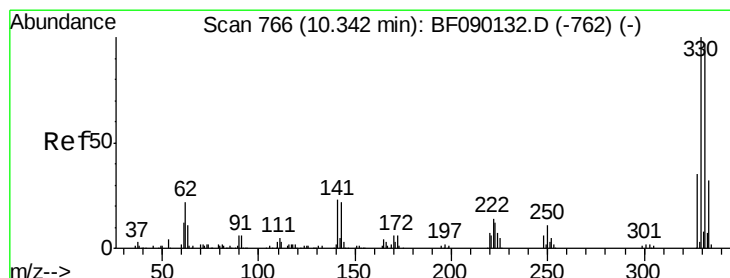
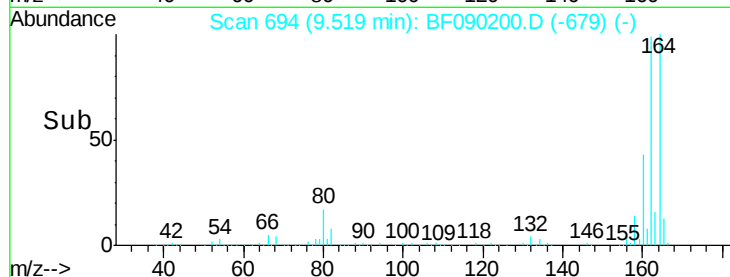
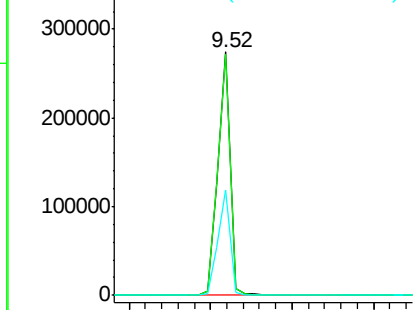
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF090200.D
Acq: 23 Sep 2016 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 287232
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.2
160 43.2 36.6 54.8

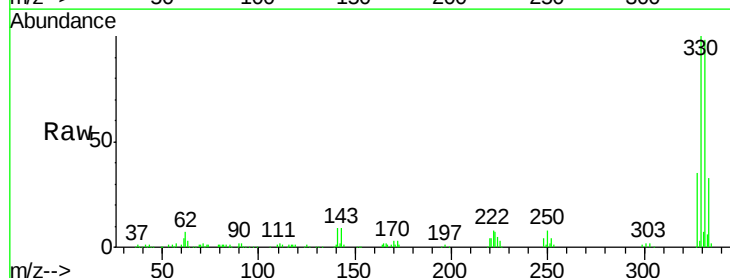


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

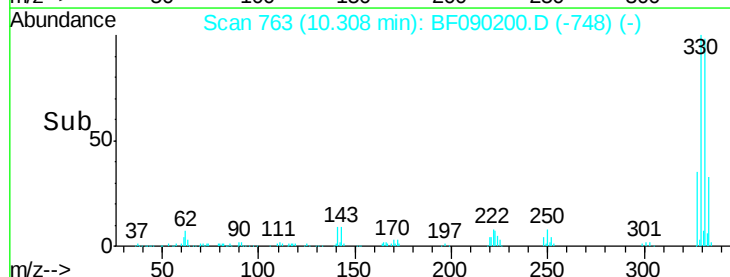
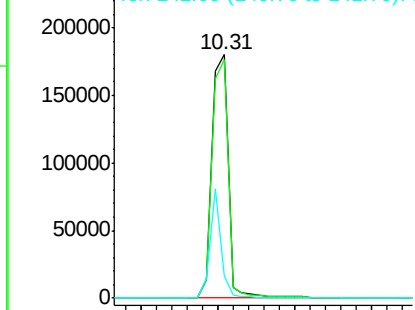


#41
2,4,6-Tribromophenol
Concen: 107.96 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF090200.D
Acq: 23 Sep 2016 16:25

Tgt Ion:330 Resp: 266039
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 30.4 23.9 35.9



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



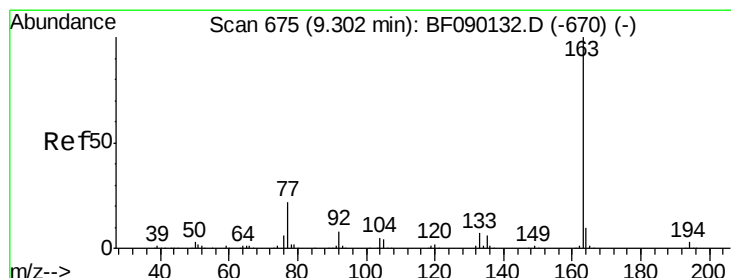
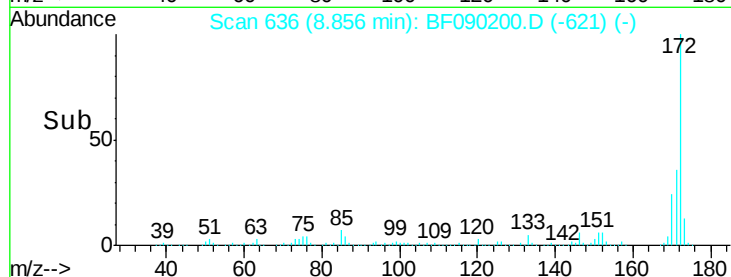
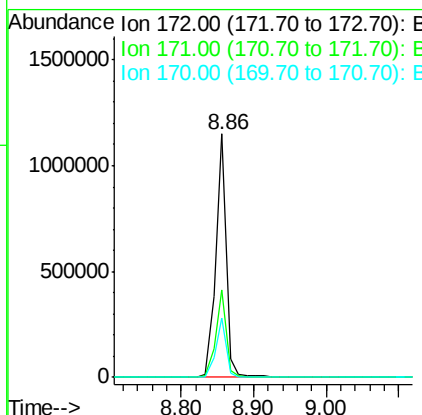
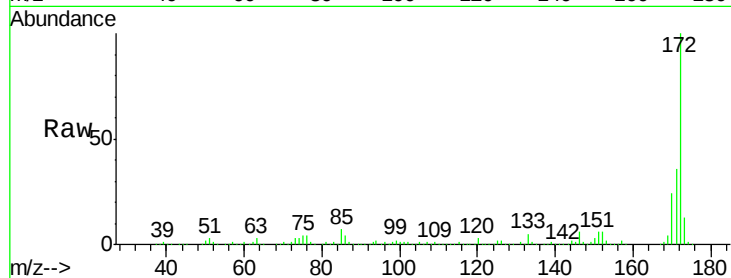


#44
 2-Fluorobiphenyl
 Concen: 79.27 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090200.D
 Acq: 23 Sep 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1159826

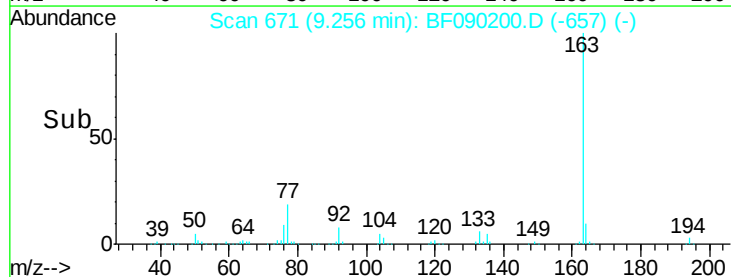
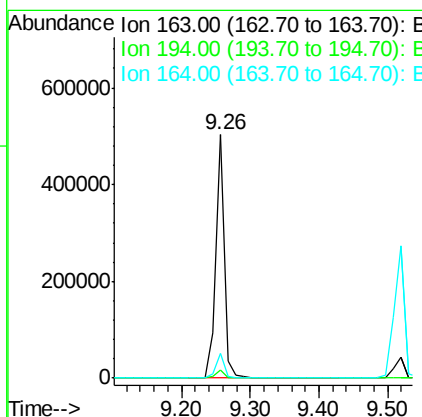
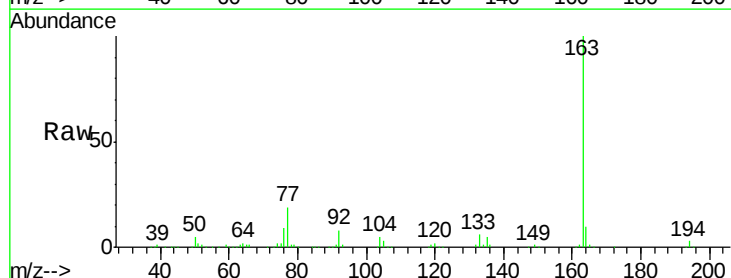
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.4	19.8	29.8

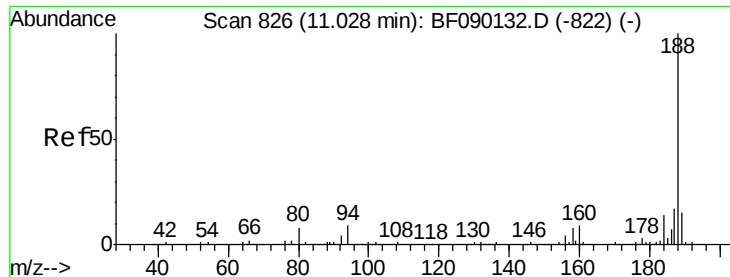


#49
 Dimethylphthalate
 Concen: 24.44 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF090200.D
 Acq: 23 Sep 2016 16:25

Tgt Ion:163 Resp: 447048

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.2	8.1	12.1

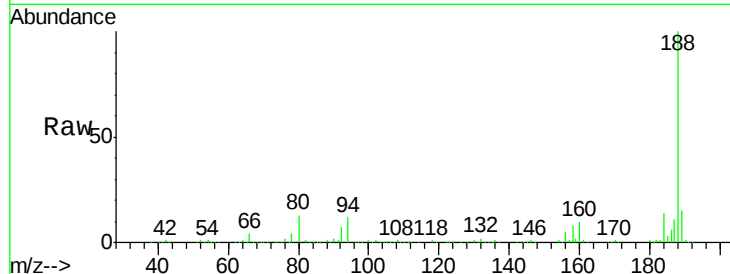




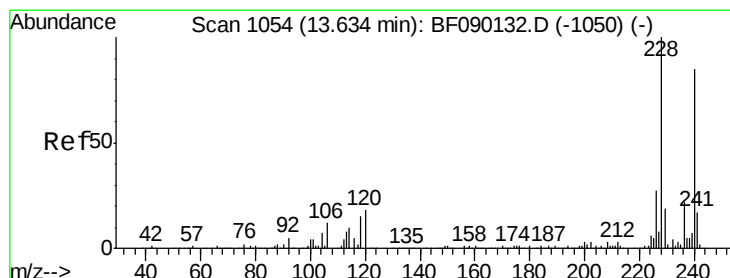
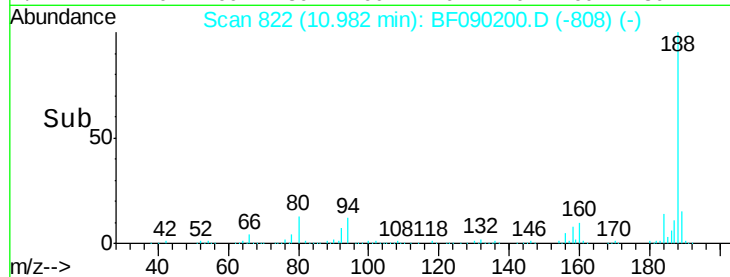
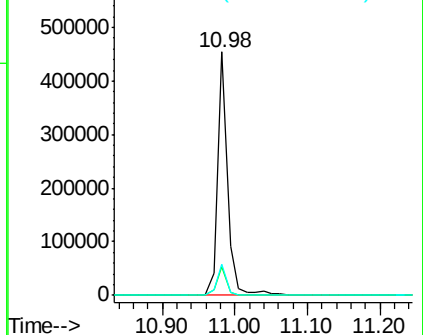
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090200.D
Acq: 23 Sep 2016 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 433905
Ion Ratio Lower Upper
188 100
94 12.0 10.5 15.7
80 12.6 11.2 16.8

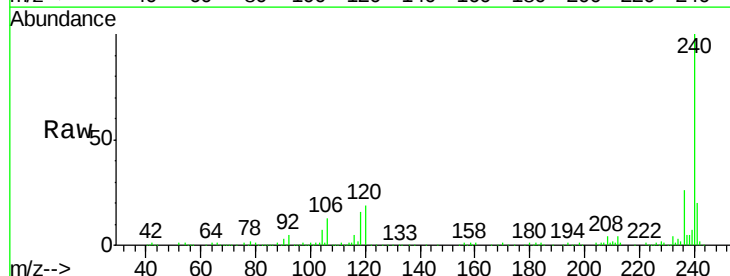


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

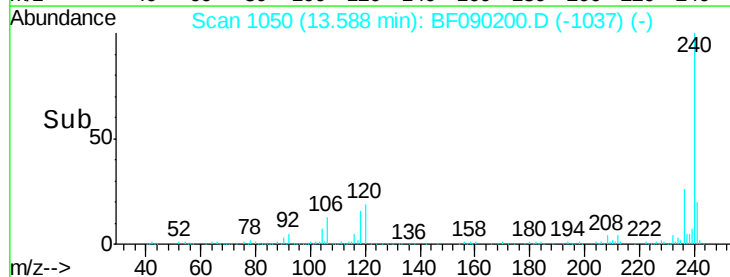
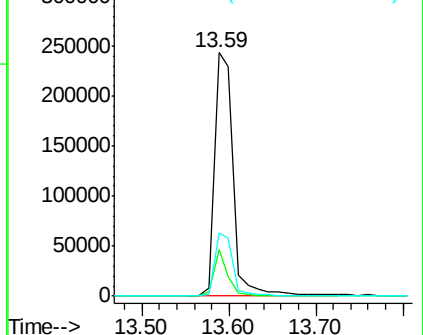


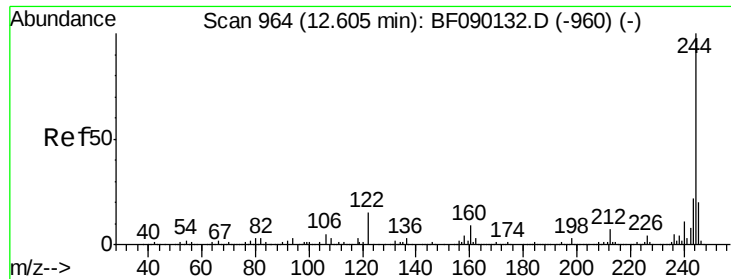
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.05 min
Lab File: BF090200.D
Acq: 23 Sep 2016 16:25

Tgt Ion:240 Resp: 370135
Ion Ratio Lower Upper
240 100
120 19.1 10.6 16.0#
236 25.9 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



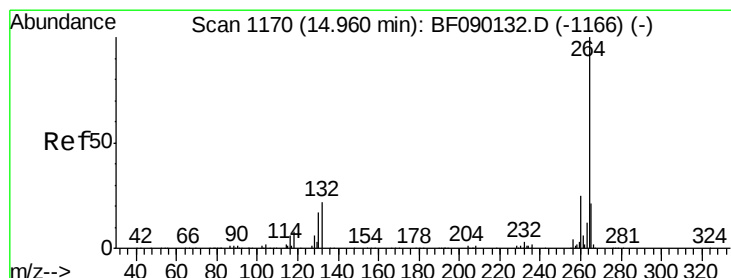
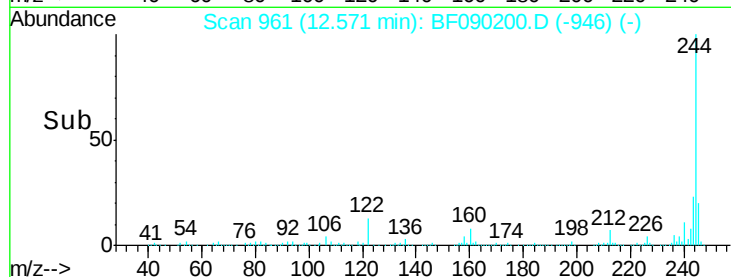
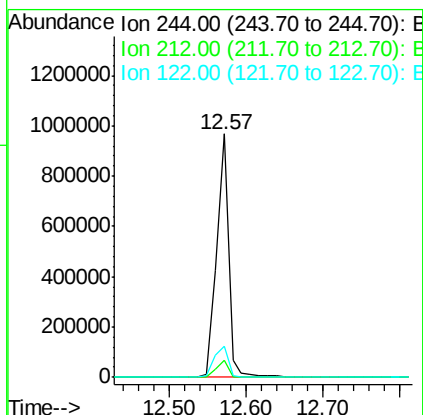
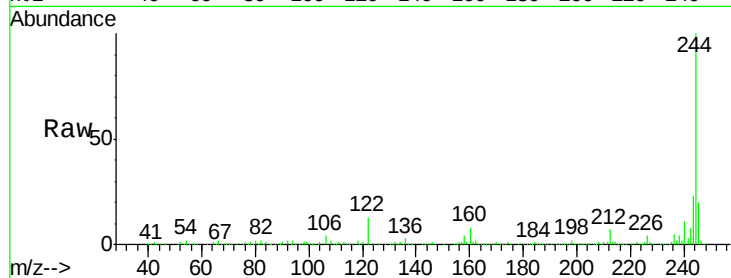


#78
 Terphenyl-d14
 Concen: 71.96 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.03 min
 Lab File: BF090200.D
 Acq: 23 Sep 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1049025

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.8	9.4	14.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF090200.D
 Acq: 23 Sep 2016 16:25

Tgt Ion:264 Resp: 287061

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.6	17.0	25.4

