

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098949.D
 Acq On : 29 Sep 2017 15:46
 Operator : SJ/JU
 Sample : I5487-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-C

Quant Time: Sep 29 17:02:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

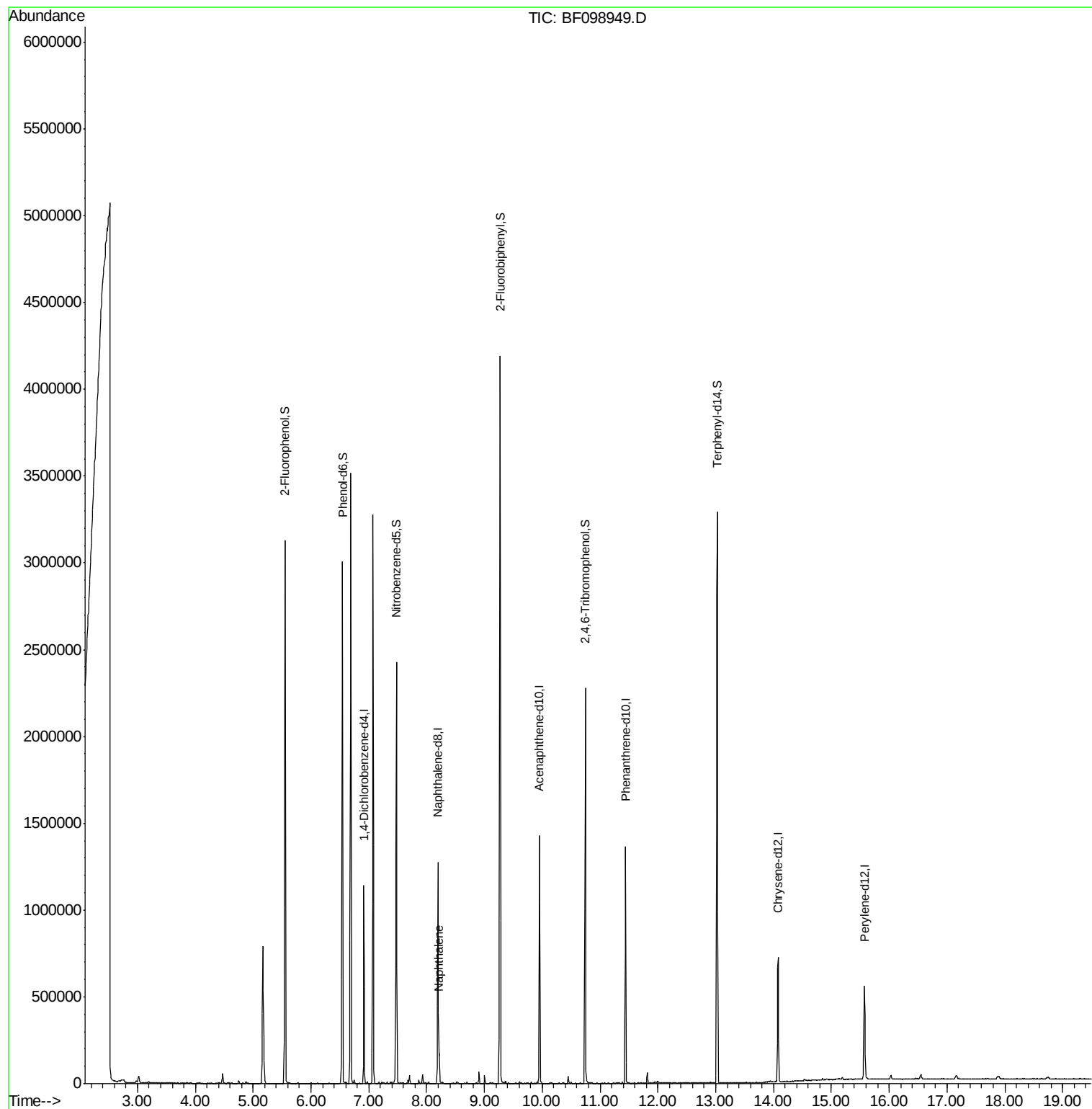
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146167	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	608484	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	275707	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	448155	20.00	ng	0.00
75) Chrysene-d12	14.08	240	234935	20.00	ng	0.00
86) Perylene-d12	15.57	264	236259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1048366	114.18	ng	0.02
7) Phenol-d6	6.55	99	1130786	99.83	ng	0.00
23) Nitrobenzene-d5	7.48	82	881036	92.86	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	273647	121.30	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1480328	89.63	ng	0.00
78) Terphenyl-d14	13.03	244	1083248	104.86	ng	0.00
Target Compounds						
31) Naphthalene	8.22	128	107035	3.745	ng	Qvalue 98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098949.D
Acq On : 29 Sep 2017 15:46
Operator : SJ/JU
Sample : I5487-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Quant Time: Sep 29 17:02:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



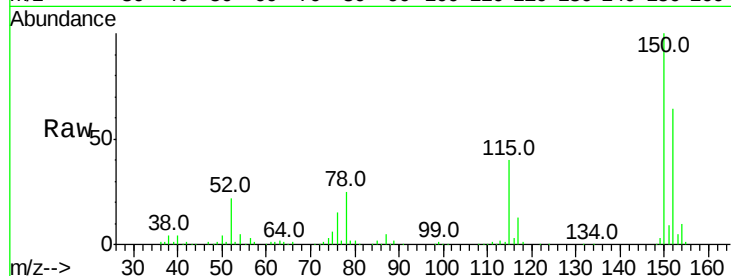


#1

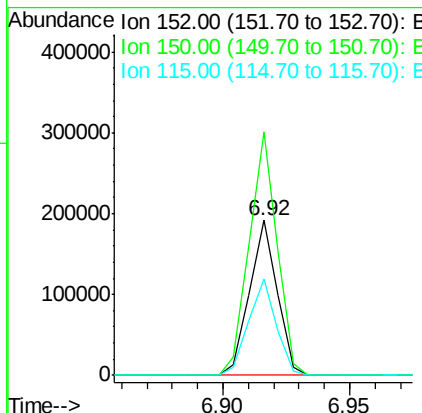
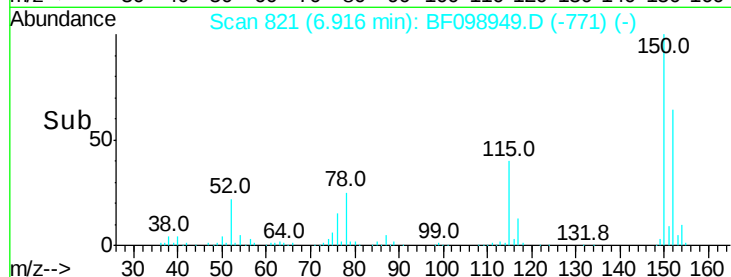
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098949.D
 Acq: 29 Sep 2017 15:46

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-C

Tot Ion:152 Resp: 146167
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 62.4 50.1 75.1



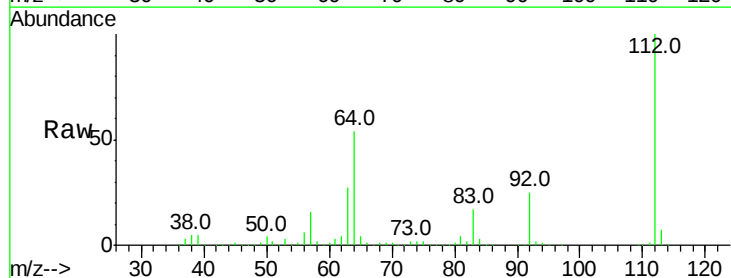
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



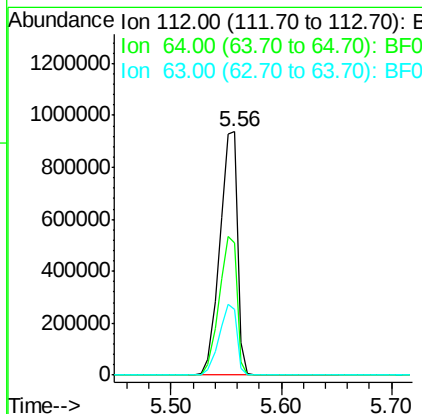
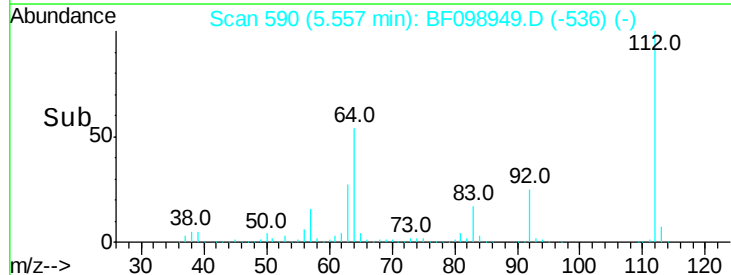
#5

2-Fluorophenol
 Concen: 114.177 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: BF098949.D
 Acq: 29 Sep 2017 15:46

Tgt Ion:112 Resp: 1048366
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.9 71.9
 63 26.9 23.7 35.5



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: 99.832 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-C

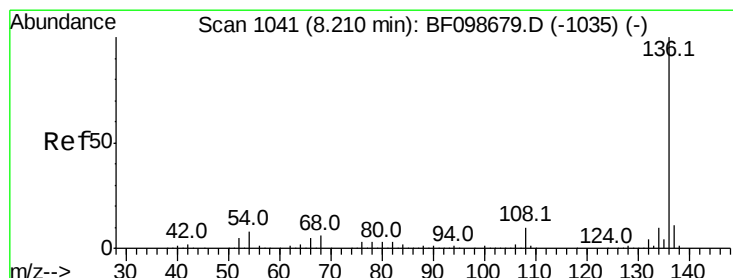
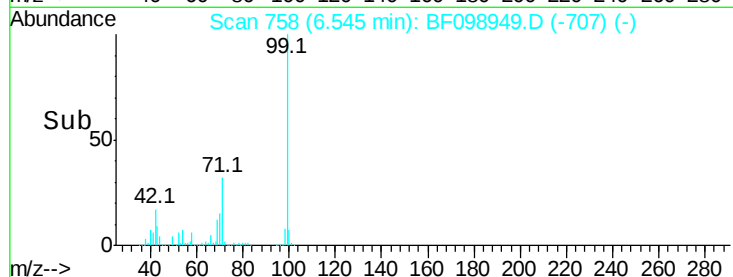
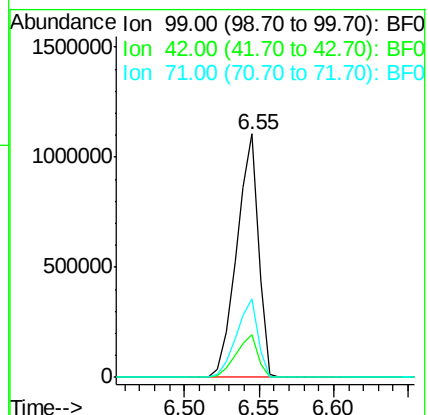
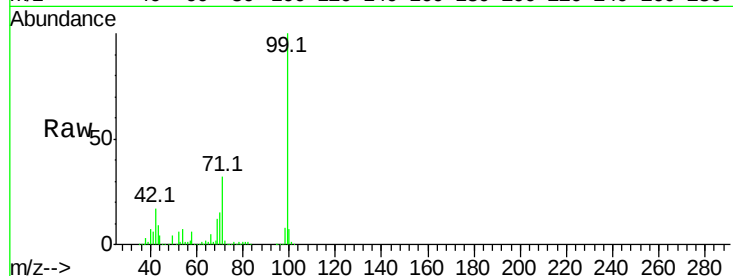
Tot Ion: 99 Resp: 1130786

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 32.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Tgt Ion: 136 Resp: 608484

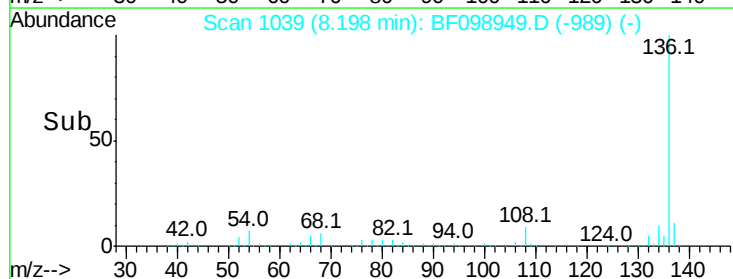
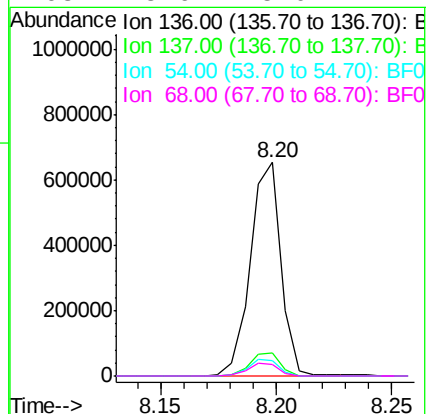
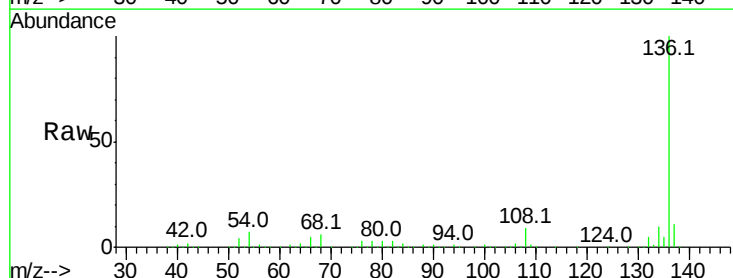
Ion Ratio Lower Upper

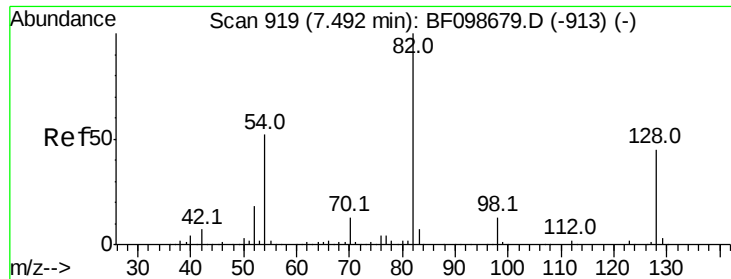
136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 5.6 5.0 7.4

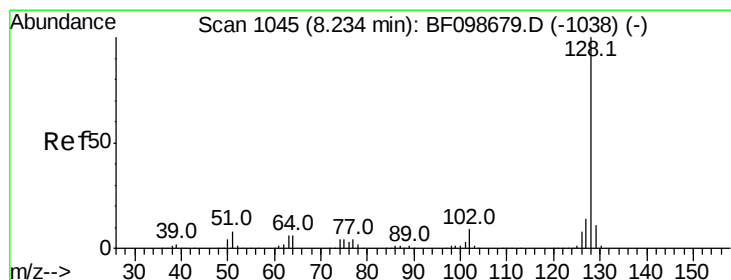
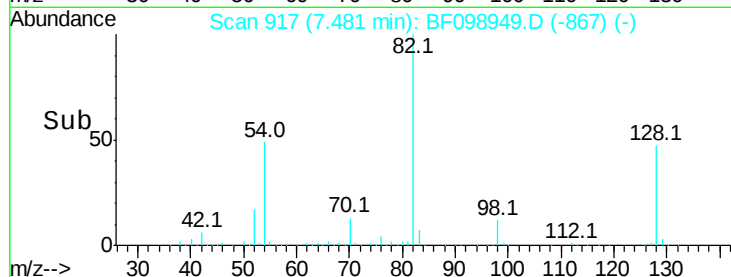
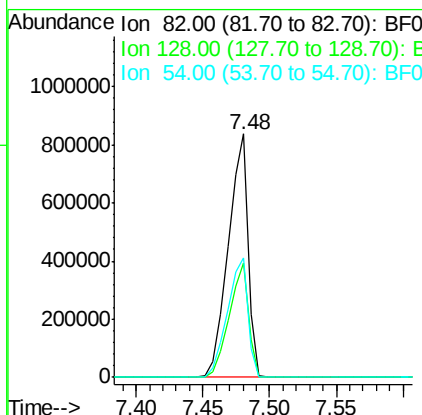
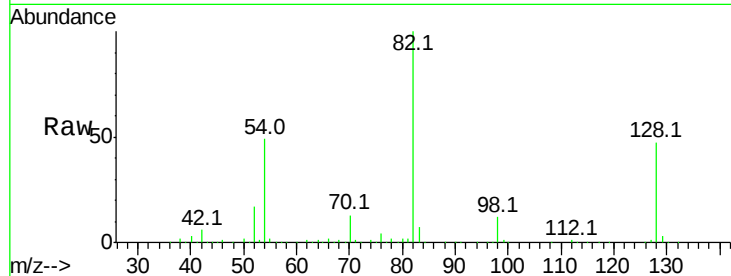




#23
 Nitrobenzene-d5
 Concen: 92.855 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098949.D
 Acq: 29 Sep 2017 15:46

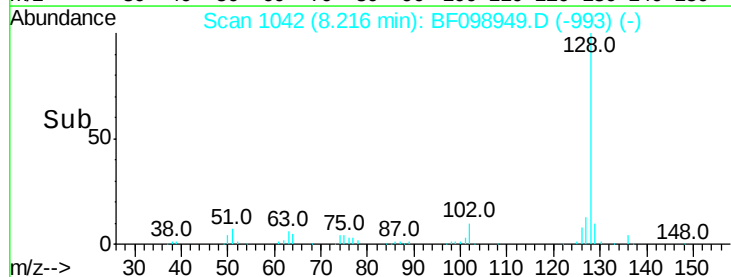
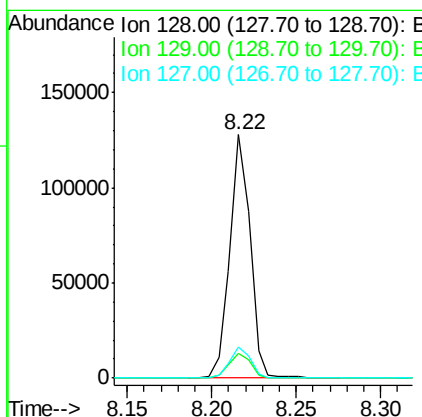
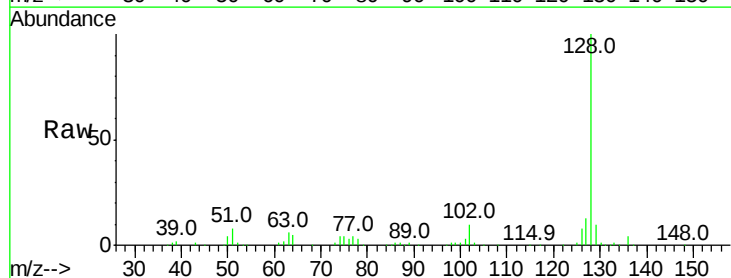
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-C

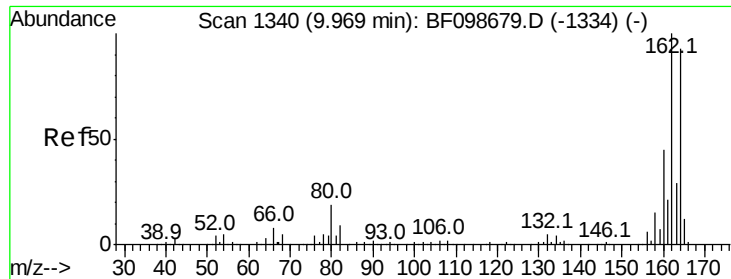
Tot Ion: 82 Resp: 881036
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 49.0 41.4 62.2



#31
 Naphthalene
 Concen: 3.745 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF098949.D
 Acq: 29 Sep 2017 15:46

Tgt Ion: 128 Resp: 107035
 Ion Ratio Lower Upper
 128 100
 129 10.2 8.8 13.2
 127 12.9 10.9 16.3

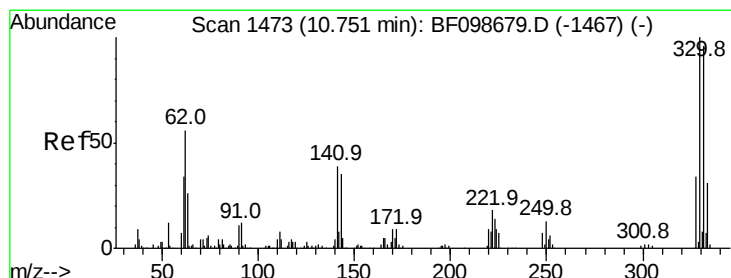
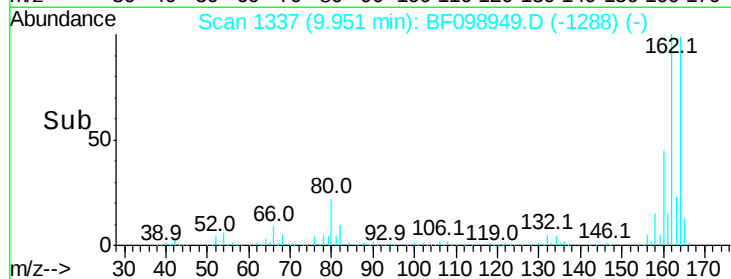
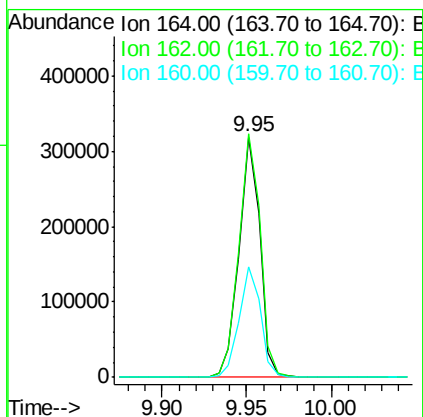
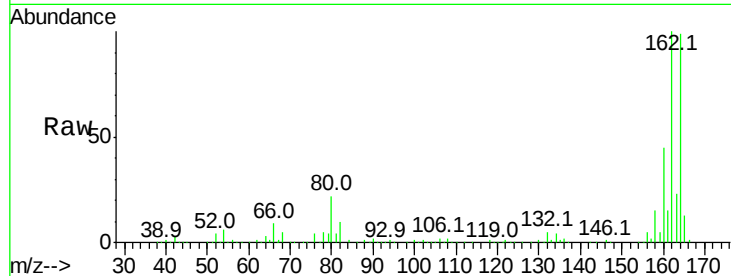




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

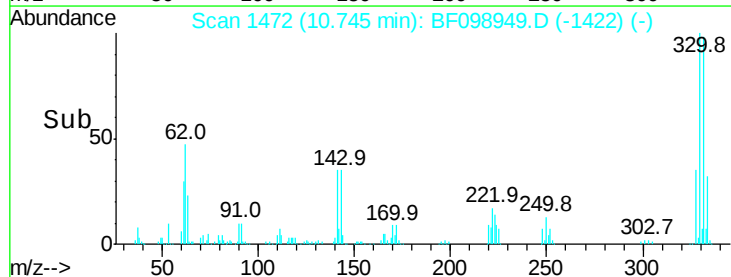
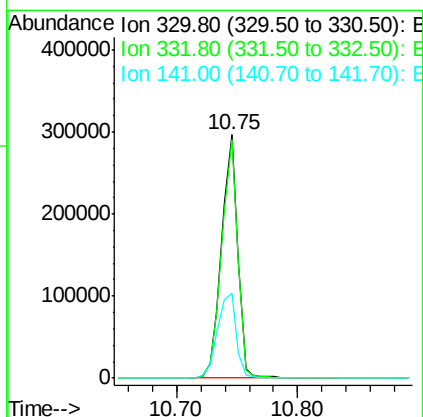
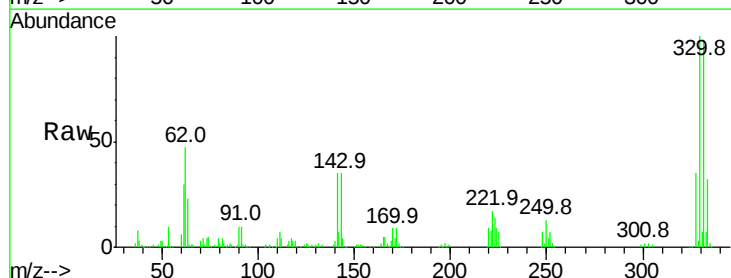
Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

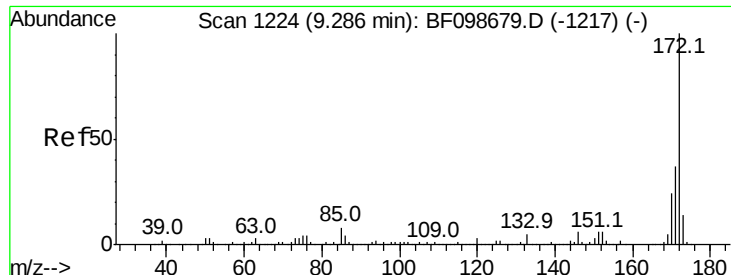
Tot Ion:164 Resp: 275707
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 121.296 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098949.D
Acq: 29 Sep 2017 15:46

Tgt Ion:330 Resp: 273647
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 40.2 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 89.634 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-C

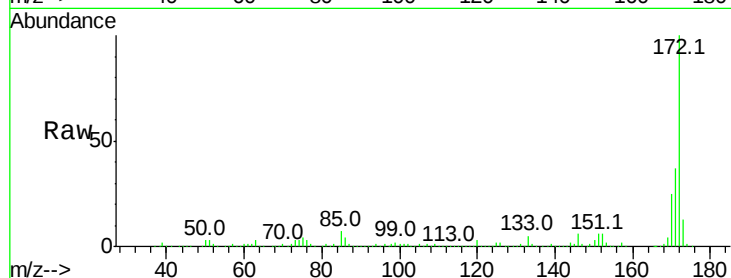
Tot Ion:172 Resp: 1480328

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

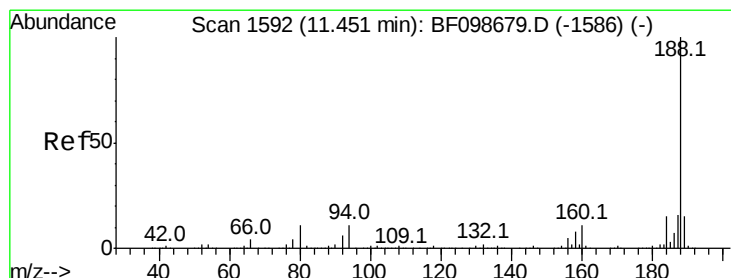
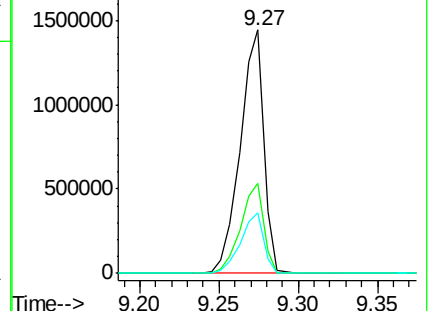
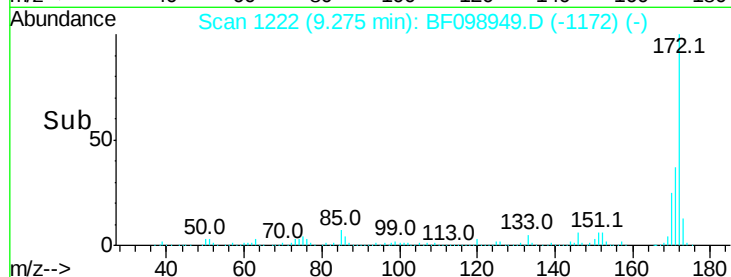
170 24.9 19.6 29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

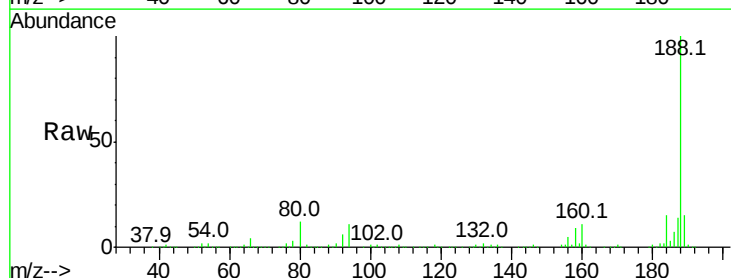
Tgt Ion:188 Resp: 448155

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

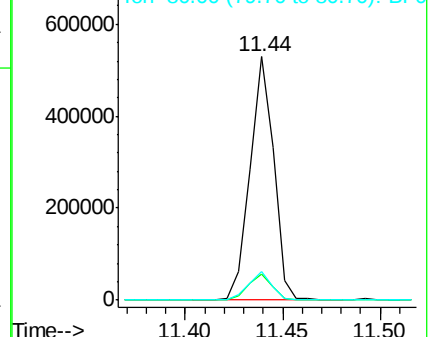
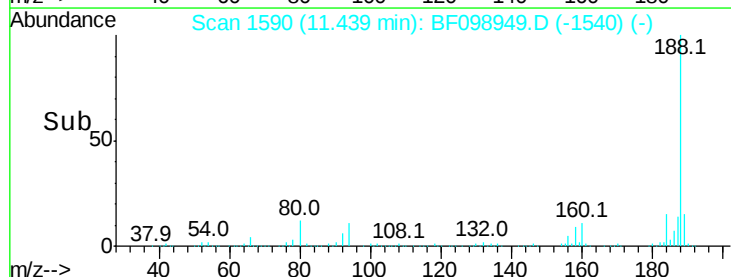
80 11.7 9.2 13.8

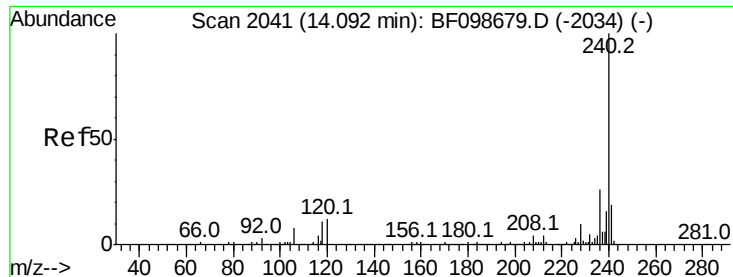


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-C

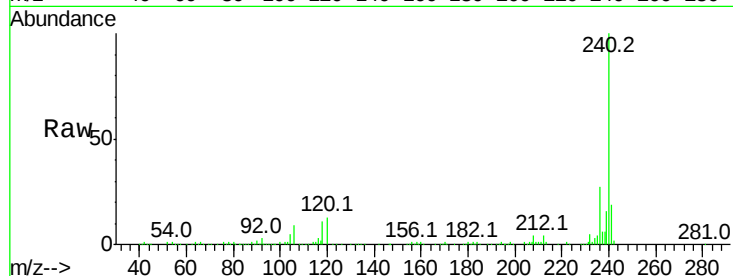
Tot Ion:240 Resp: 234935

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

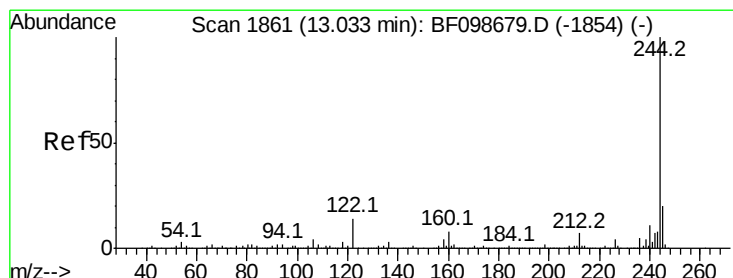
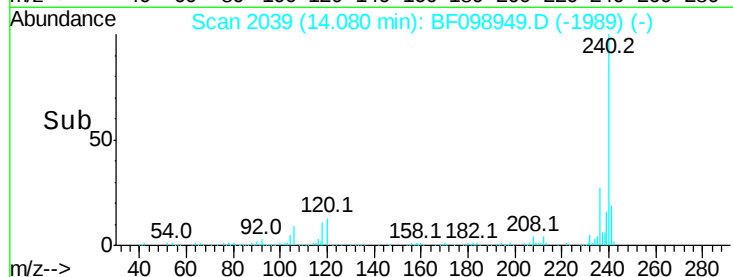
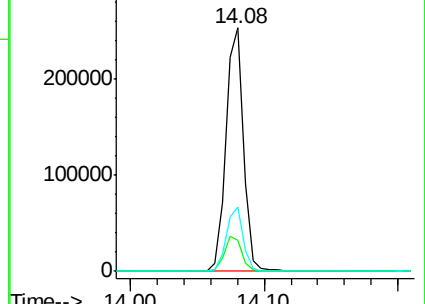
236 26.6 20.7 31.1



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: 104.860 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098949.D

Acq: 29 Sep 2017 15:46

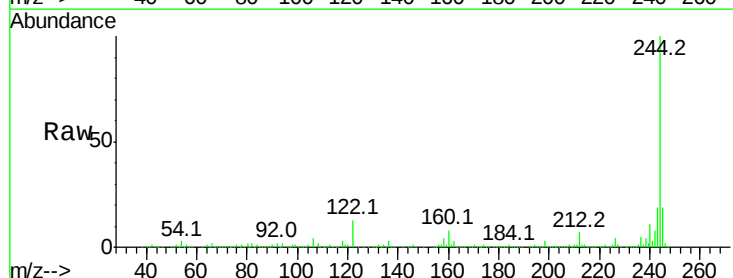
Tgt Ion:244 Resp: 1083248

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

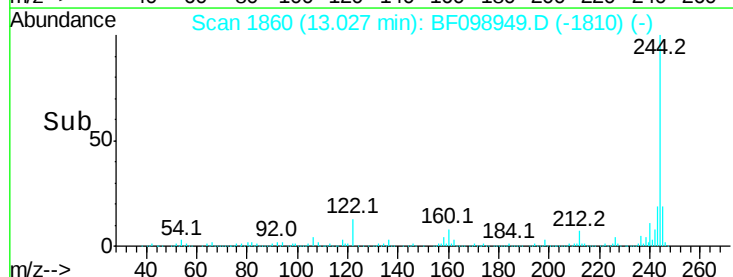
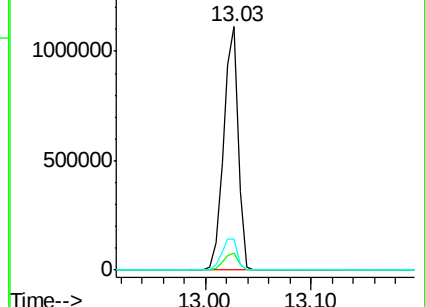
122 12.8 11.0 16.4

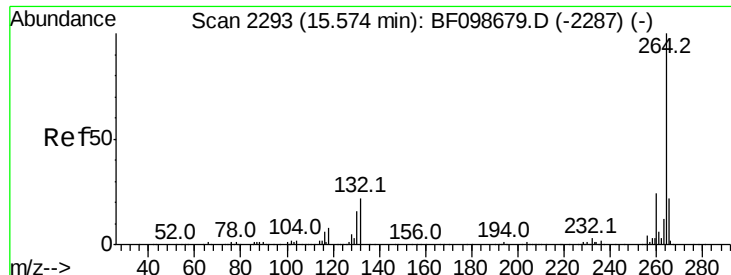


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

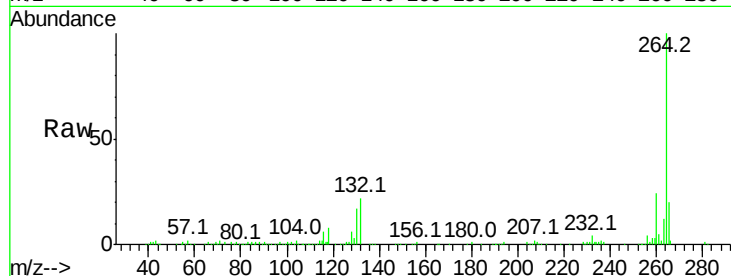




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098949.D
 Acq: 29 Sep 2017 15:46

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

