

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098954.D
 Acq On : 29 Sep 2017 18:04
 Operator : SJ/JU
 Sample : I5487-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 29 19:10:12 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	149643	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	627430	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	281078	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	445396	20.00	ng	0.00
75) Chrysene-d12	14.07	240	230077	20.00	ng	-0.01
86) Perylene-d12	15.57	264	231254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1184192	125.97	ng	0.02
7) Phenol-d6	6.55	99	1337285	115.32	ng	0.00
23) Nitrobenzene-d5	7.48	82	971519	99.30	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	303659	132.03	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1626276	96.59	ng	0.00
78) Terphenyl-d14	13.03	244	1149206	113.59	ng	0.00

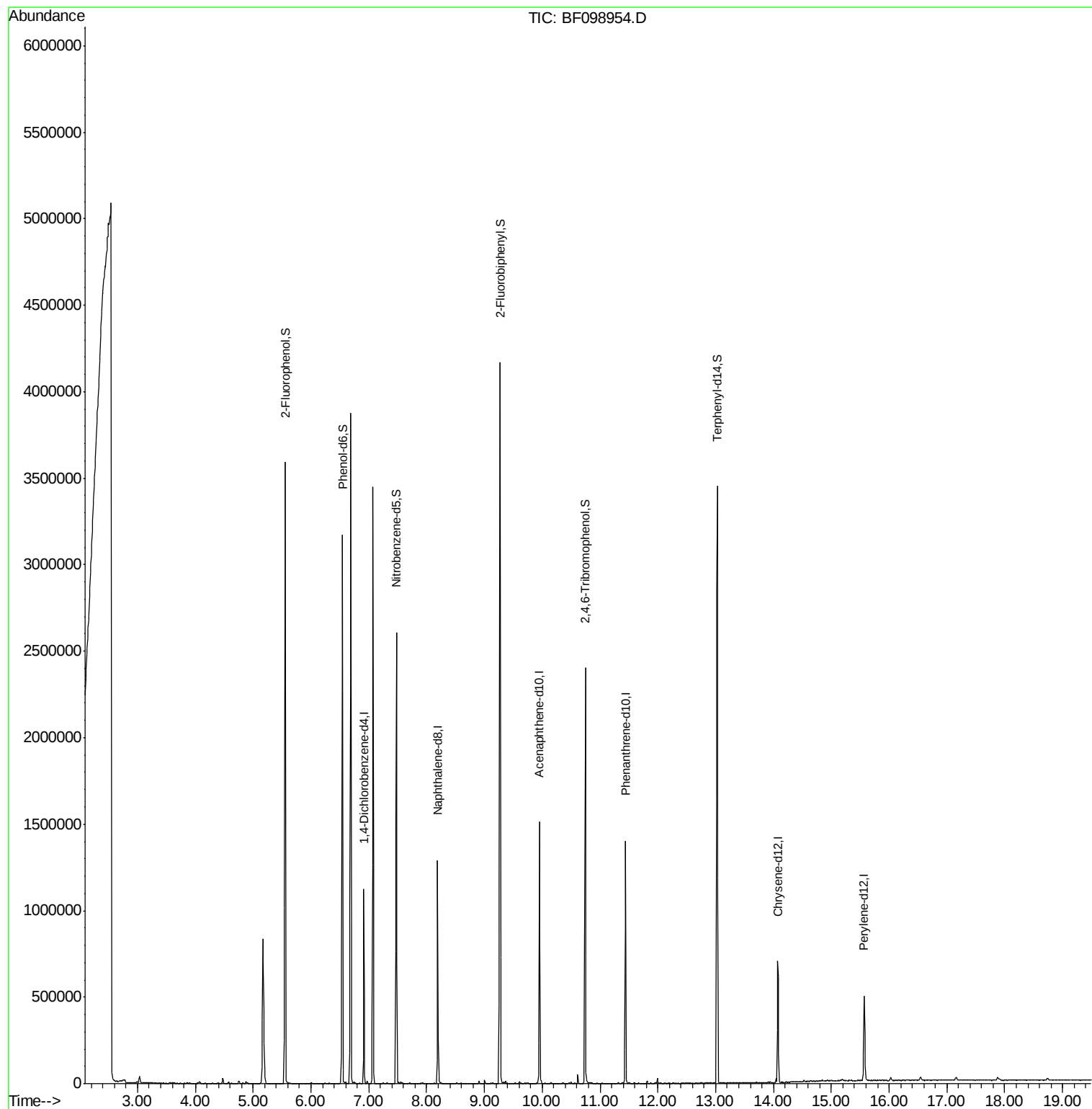
Target Compounds Qvalue

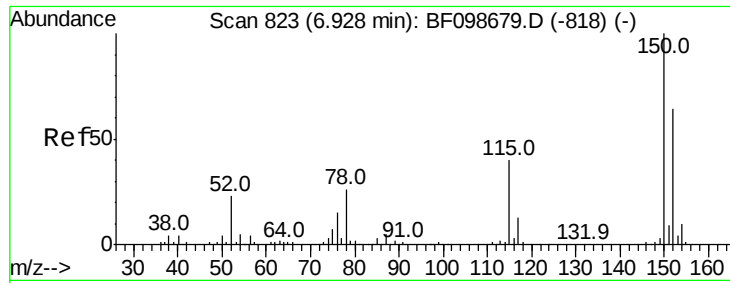
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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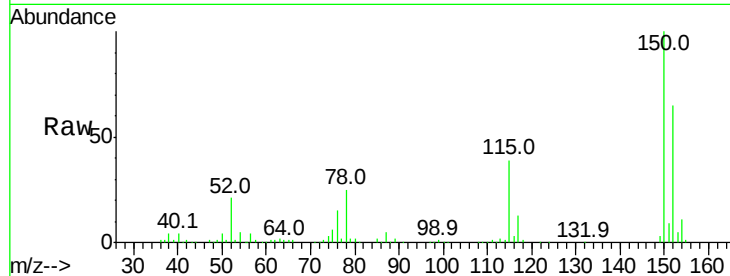


#1

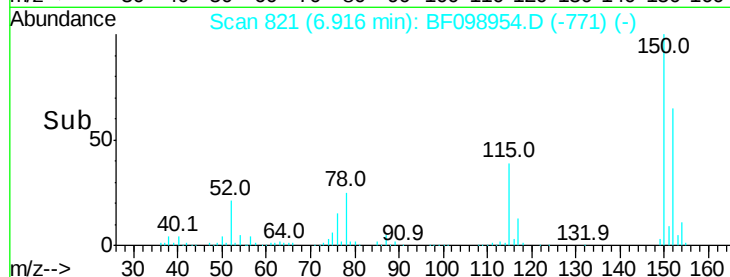
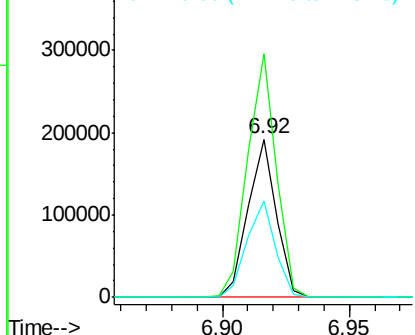
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098954.D
Acq: 29 Sep 2017 18:04

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

Tot Ion:152 Resp: 149643
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 60.6 50.1 75.1



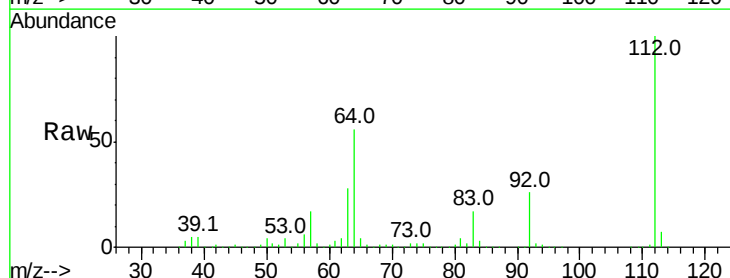
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



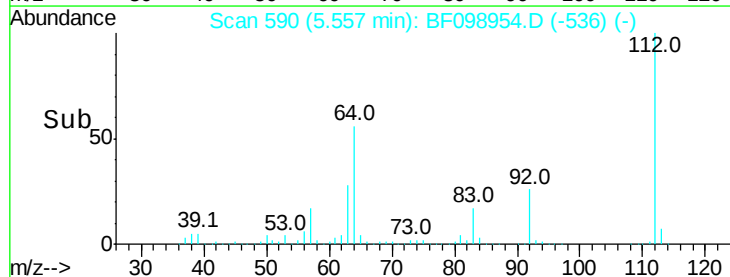
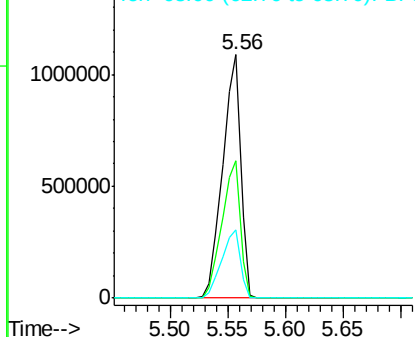
#5

2-Fluorophenol
Concen: 125.974 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF098954.D
Acq: 29 Sep 2017 18:04

Tgt Ion:112 Resp: 1184192
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.8 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: 115.320 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098954.D

Acq: 29 Sep 2017 18:04

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-A

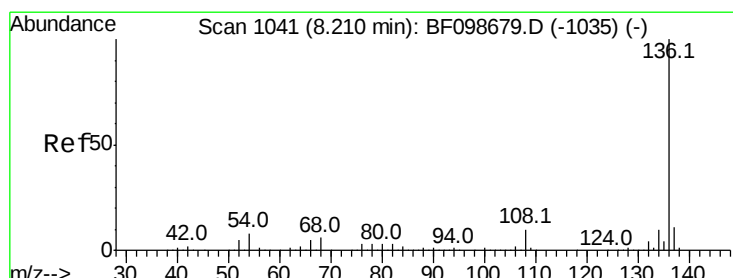
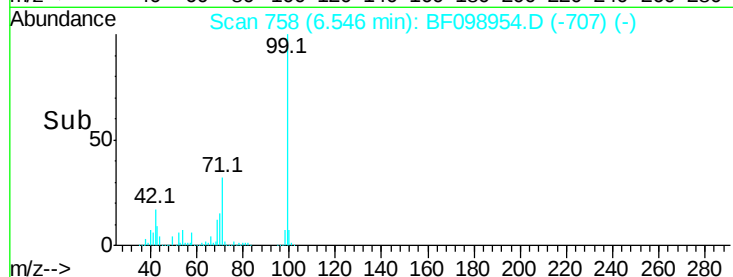
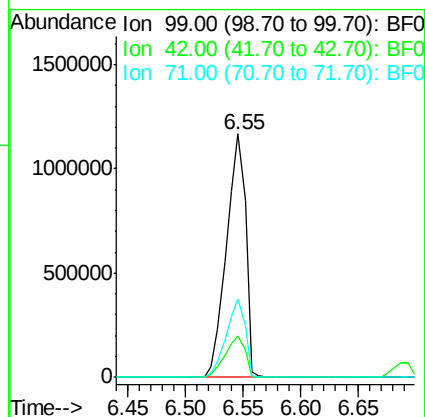
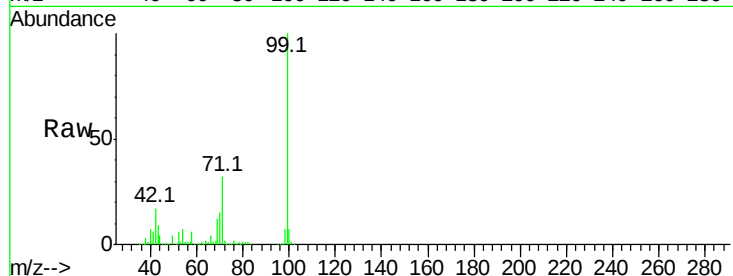
Tot Ion: 99 Resp: 1337285

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 32.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098954.D

Acq: 29 Sep 2017 18:04

Tgt Ion: 136 Resp: 627430

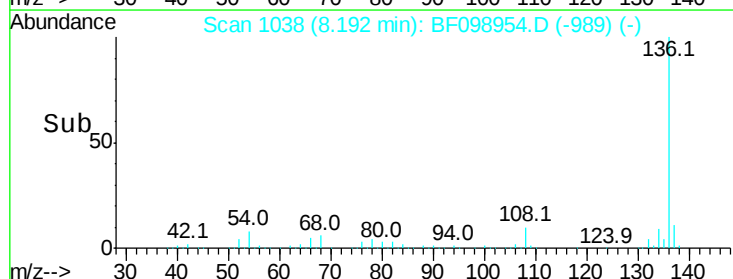
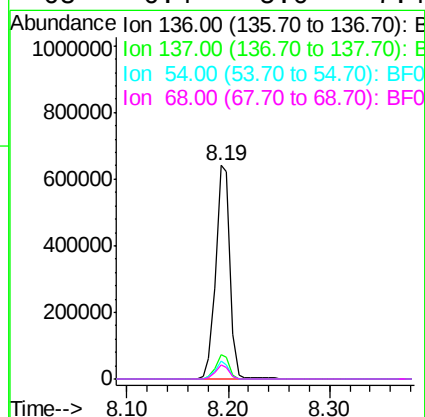
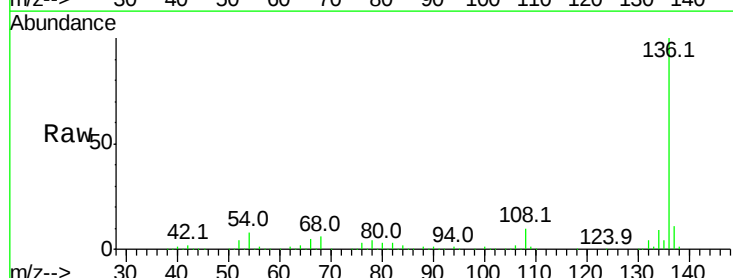
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 6.4 5.0 7.4

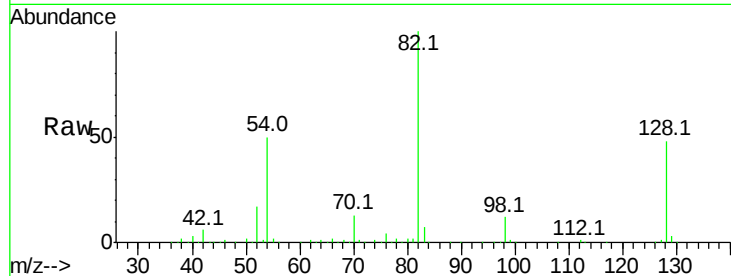




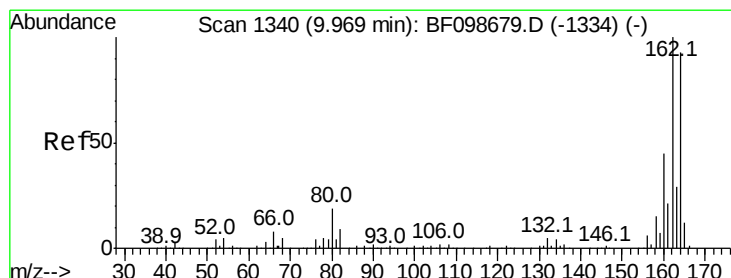
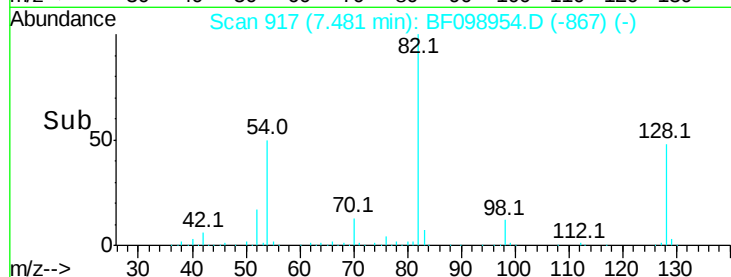
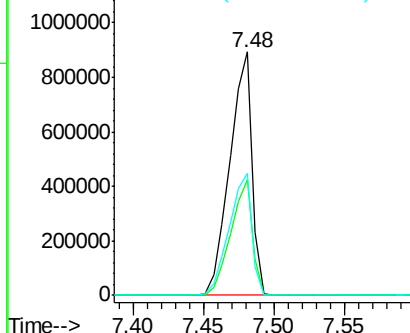
#23
 Nitrobenzene-d5
 Concen: 99.300 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098954.D
 Acq: 29 Sep 2017 18:04

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

Tot Ion: 82 Resp: 971519
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 50.2 41.4 62.2

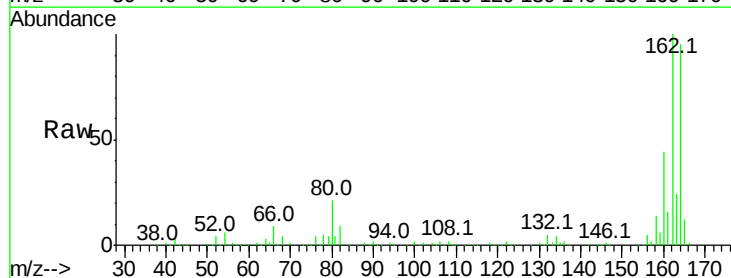


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

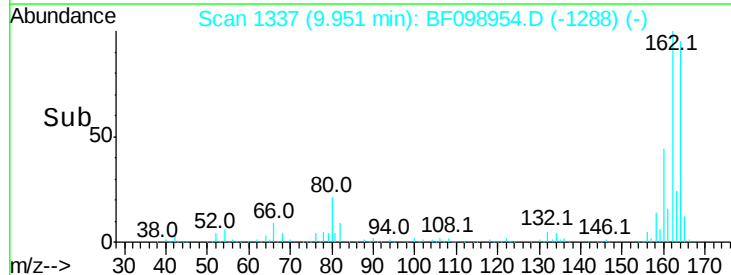
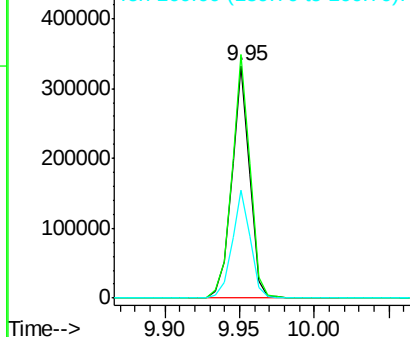


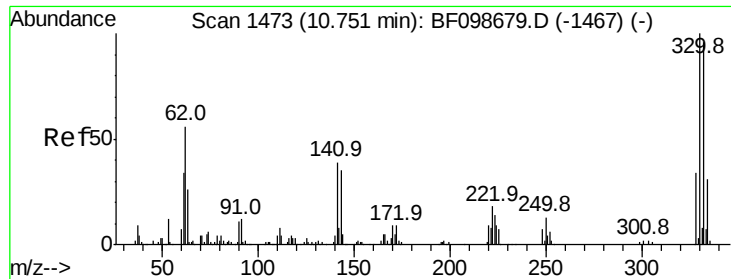
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098954.D
 Acq: 29 Sep 2017 18:04

Tgt Ion:164 Resp: 281078
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 46.5 38.3 57.5



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

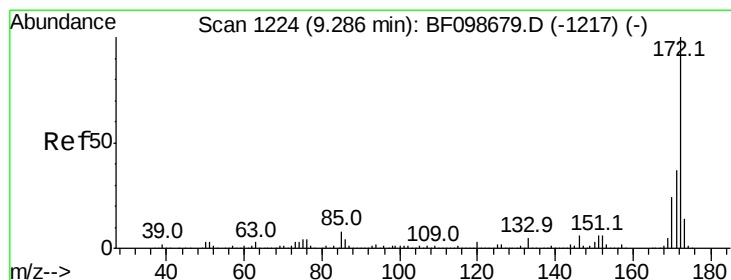
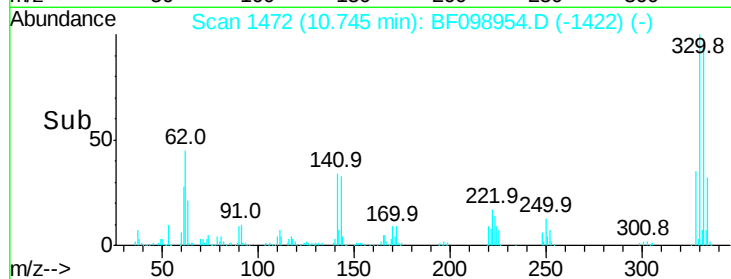
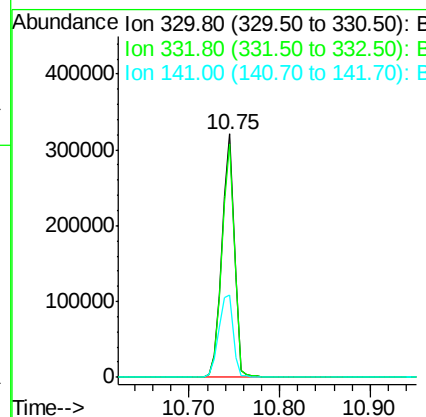
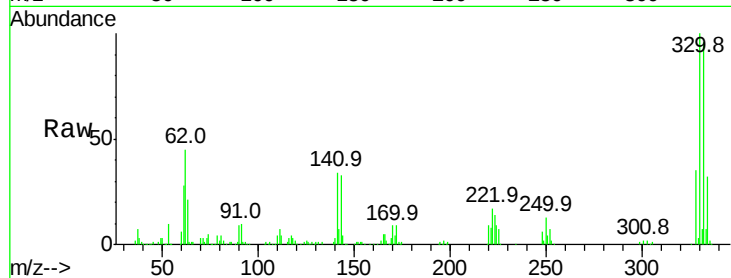




#41
 2,4,6-Tribromophenol
 Concen: 132.027 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098954.D
 Acq: 29 Sep 2017 18:04

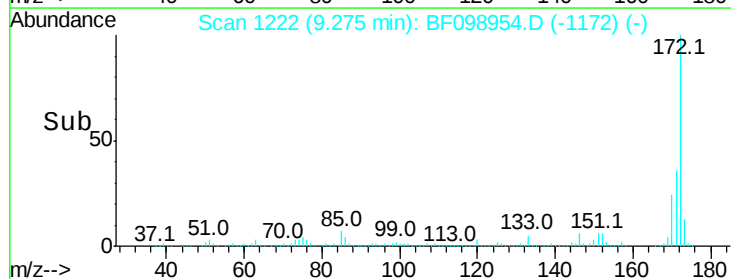
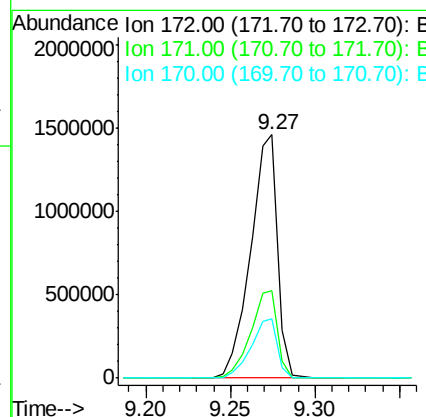
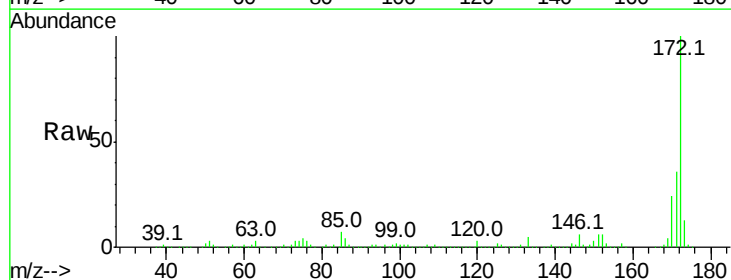
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-A

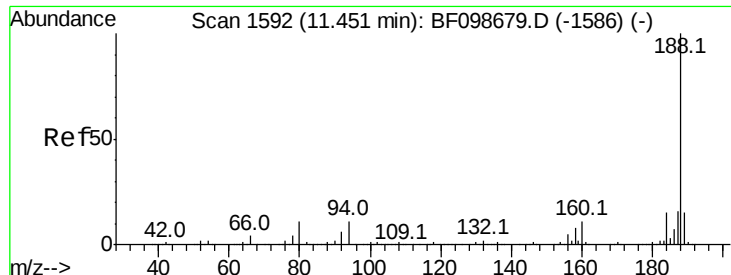
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	40.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.590 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098954.D
 Acq: 29 Sep 2017 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4

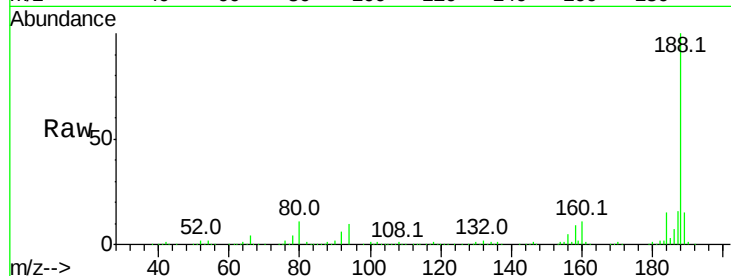




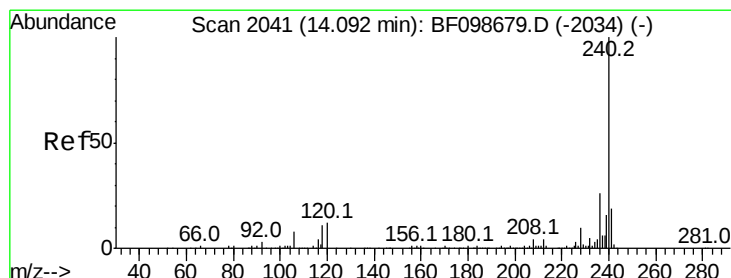
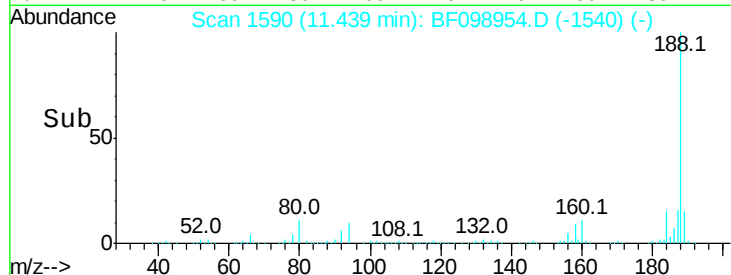
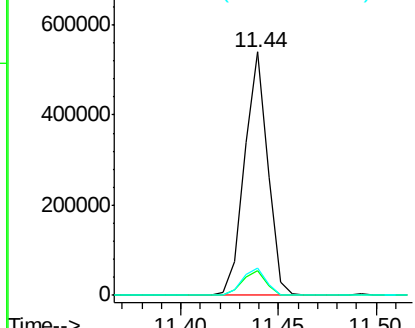
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098954.D
Acq: 29 Sep 2017 18:04

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.3	9.2	13.8

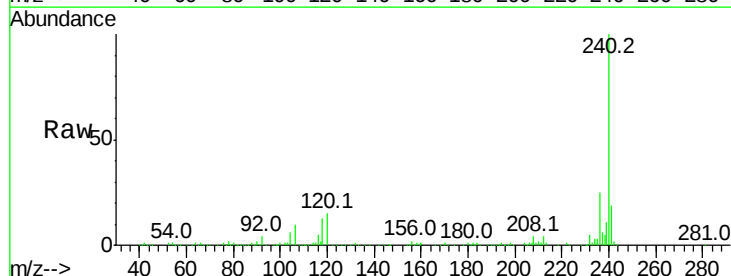


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

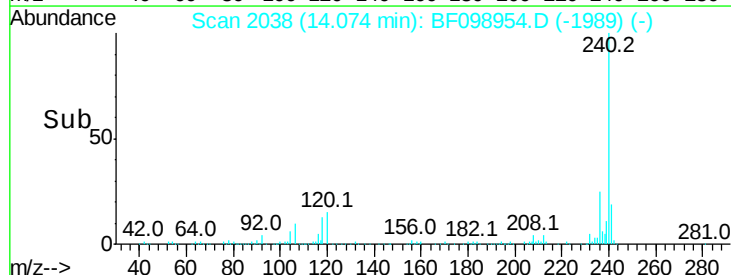
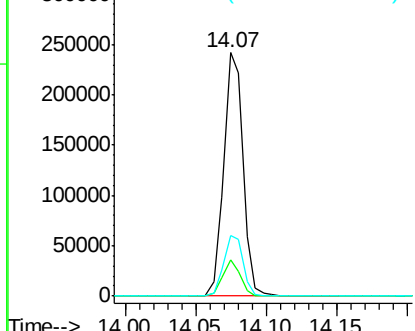


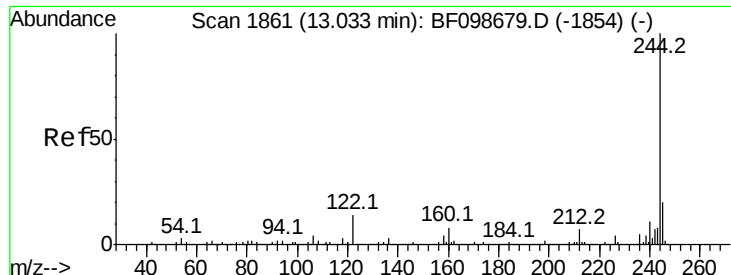
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098954.D
Acq: 29 Sep 2017 18:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	24.8	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: 113.594 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098954.D

Acq: 29 Sep 2017 18:04

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-A

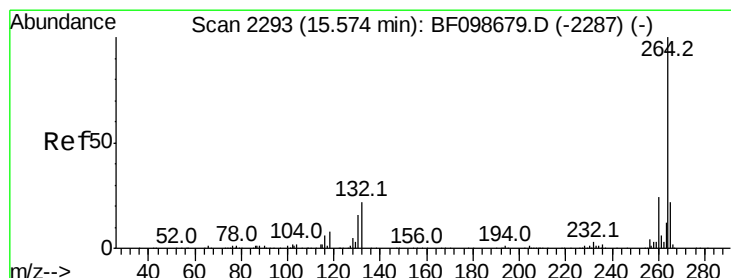
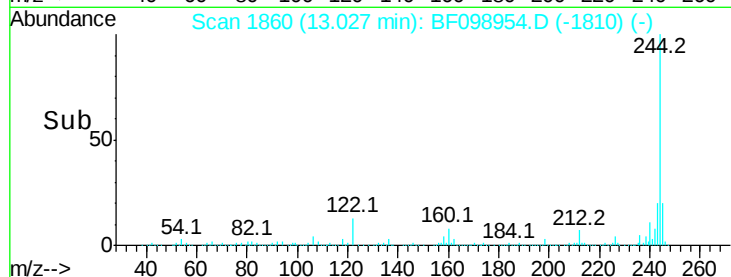
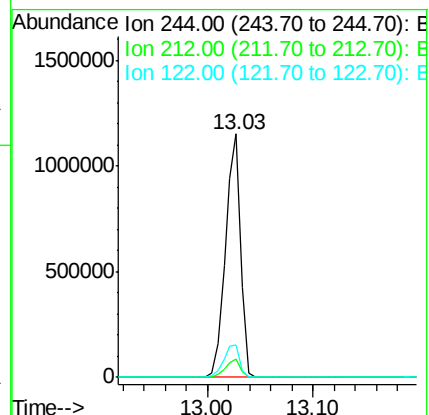
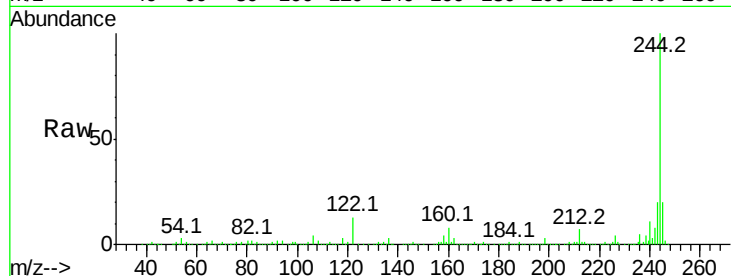
Tot Ion:244 Resp: 1149206

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 13.2 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098954.D

Acq: 29 Sep 2017 18:04

Tgt Ion:264 Resp: 231254

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.8 17.5 26.3

