

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108361.D
 Acq On : 22 Aug 2018 2:10
 Operator : JU/SJ
 Sample : J4275-09 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-A

Quant Time: Aug 22 03:50:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	165420	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	623327	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	284473	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	464246	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	376929	20.00	ng	-0.02
86) Perylene-d12	15.75	264	318357	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	174265	19.07	ng	-0.01
7) Phenol-d6	6.61	99	242528	19.97	ng	-0.02
23) Nitrobenzene-d5	7.56	82	149657	13.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	46549	16.40	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	301719	17.03	ng	-0.02
78) Terphenyl-d14	13.12	244	232689	15.70	ng	-0.02

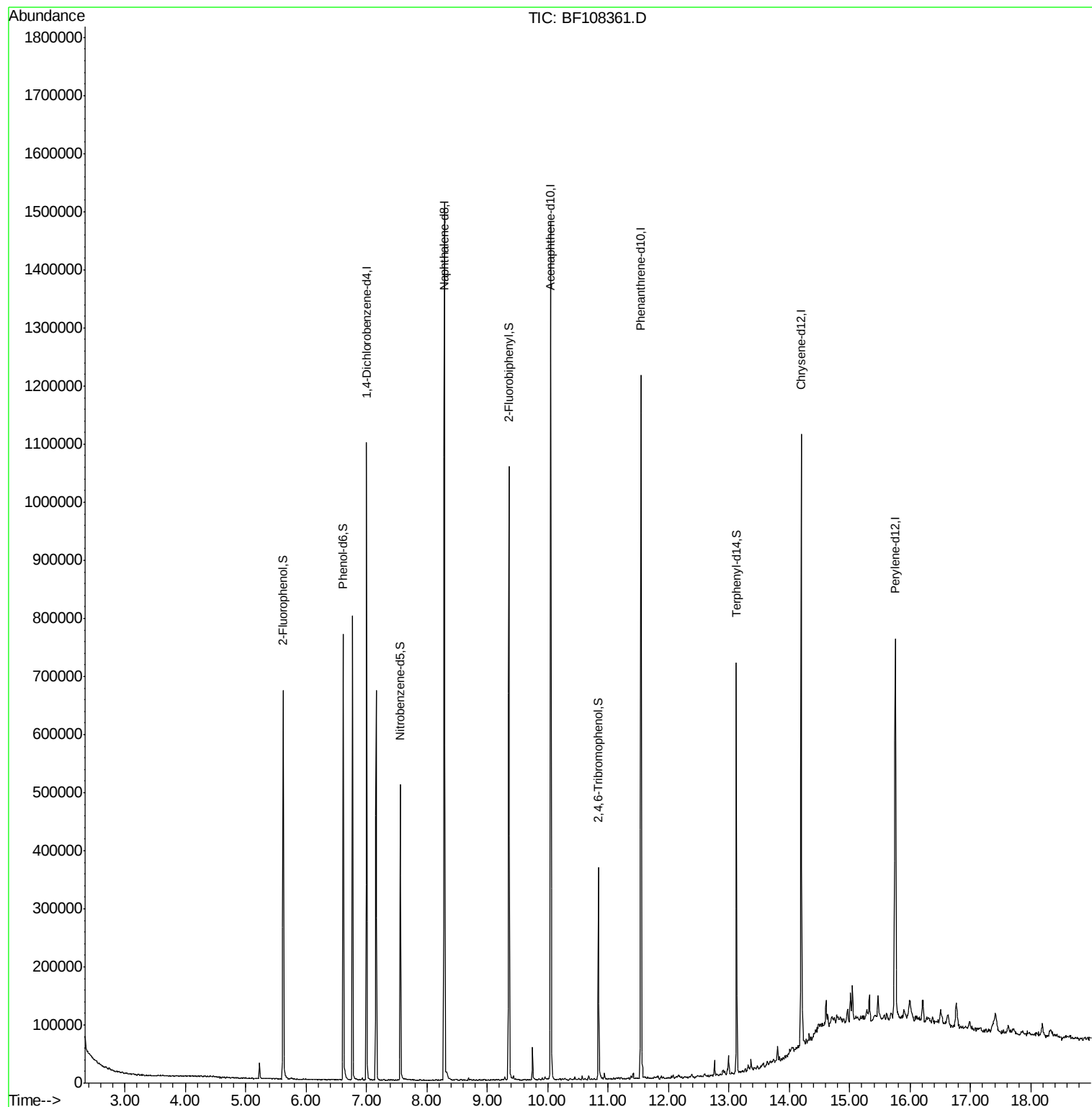
Target Compounds Qvalue

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

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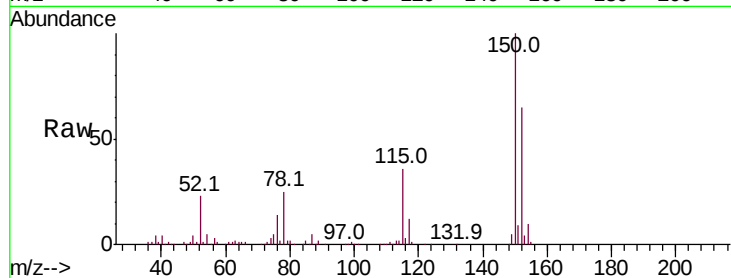


#1

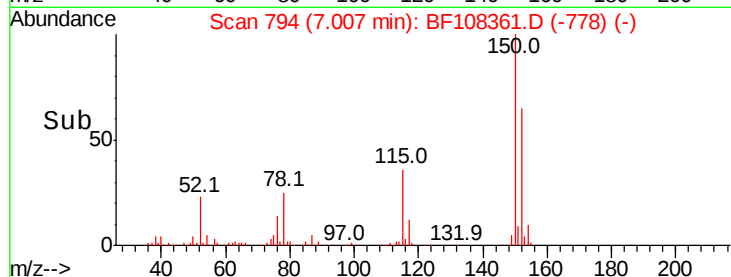
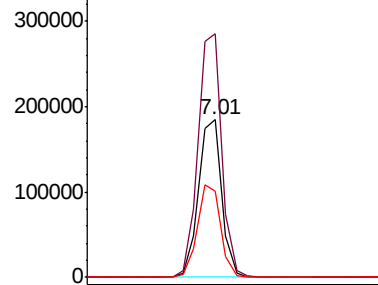
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Instrument :
BNA_F
ClientSampleId :
CL-01-082018-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	55.2	50.1	75.1



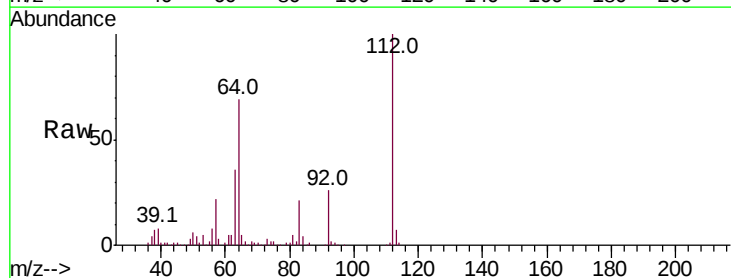
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



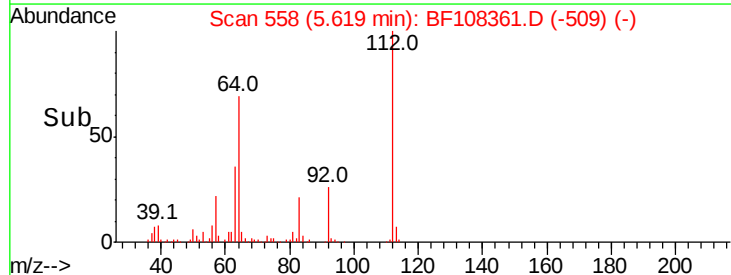
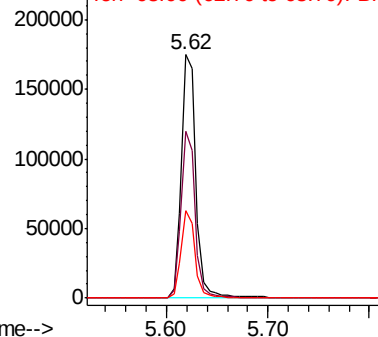
#5

2-Fluorophenol
Concen: 19.073 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	35.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.975 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108361.D

Acq: 22 Aug 2018 2:10

Instrument :

BNA_F

ClientSampleId :

CL-01-082018-A

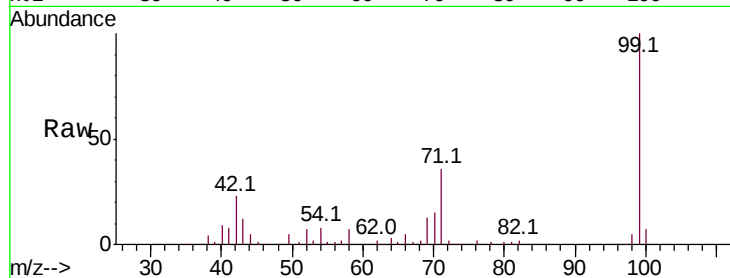
Tot Ion: 99 Resp: 242528

Ion Ratio Lower Upper

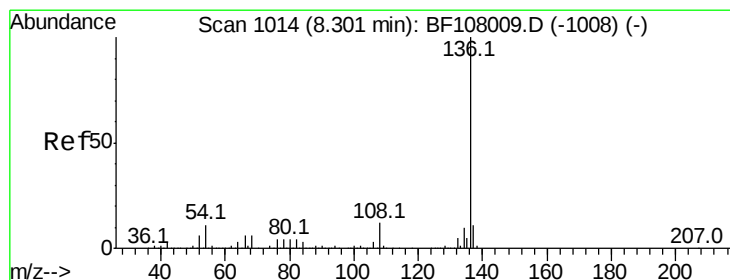
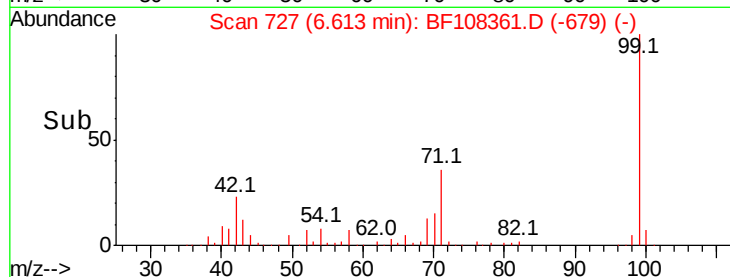
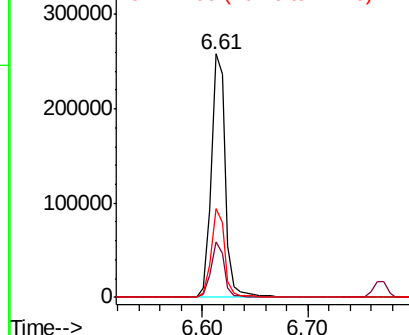
99 100

42 22.9 14.5 21.7#

71 36.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108361.D

Acq: 22 Aug 2018 2:10

Tgt Ion: 136 Resp: 623327

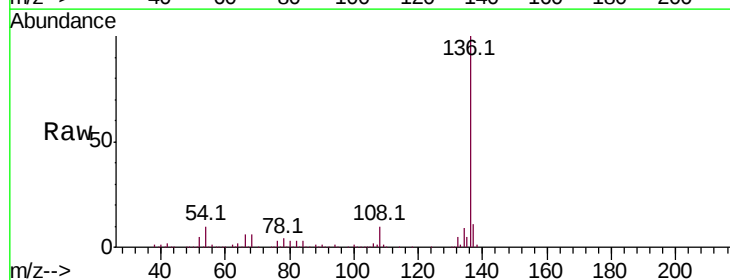
Ion Ratio Lower Upper

136 100

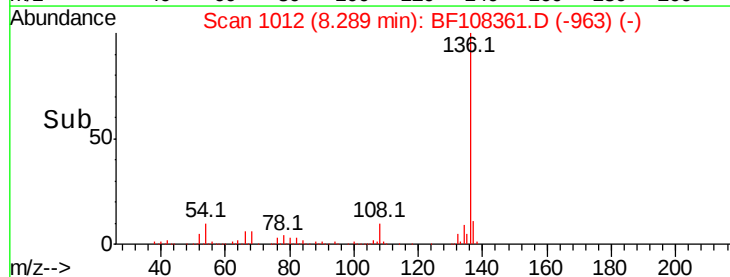
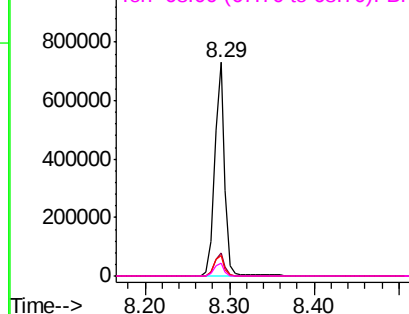
137 10.9 8.9 13.3

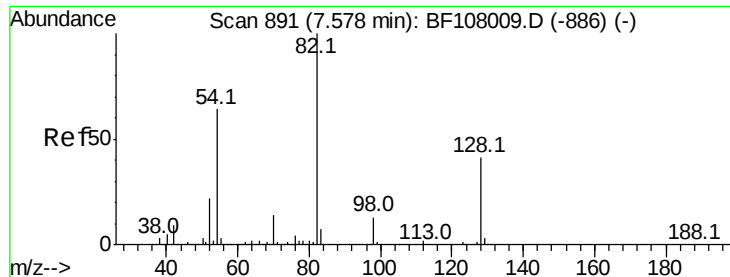
54 9.6 6.6 9.8

68 5.9 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

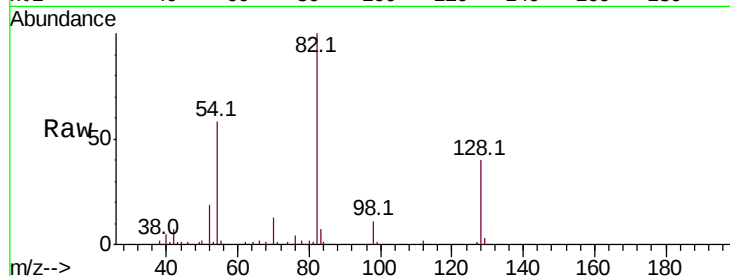




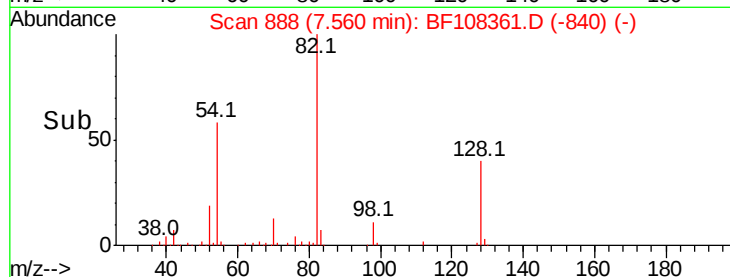
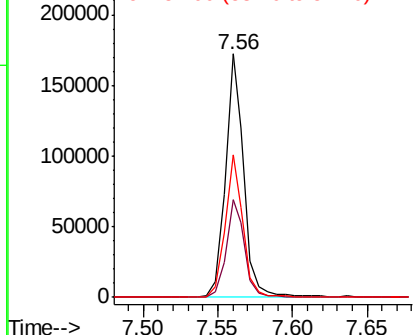
#23
Nitrobenzene-d5
Concen: 13.398 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Instrument :
BNA_F
ClientSampleId :
CL-01-082018-A

Tot Ion: 82 Resp: 149657
Ion Ratio Lower Upper
82 100
128 40.3 36.1 54.1
54 58.3 41.4 62.2

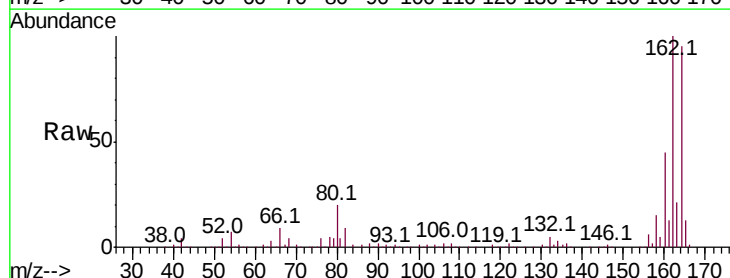


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

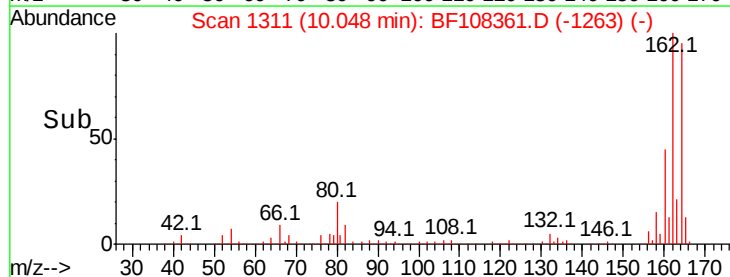
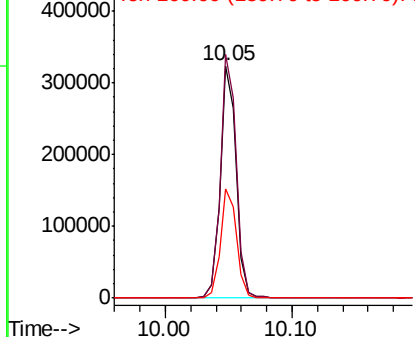


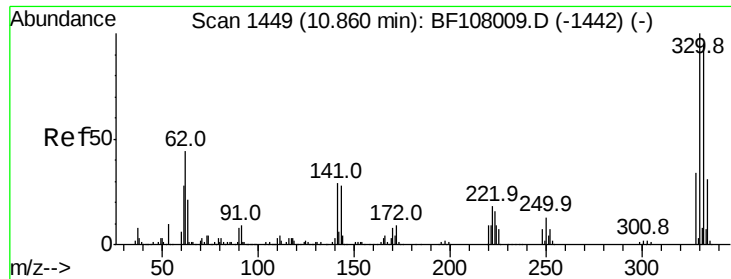
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion: 164 Resp: 284473
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 46.8 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

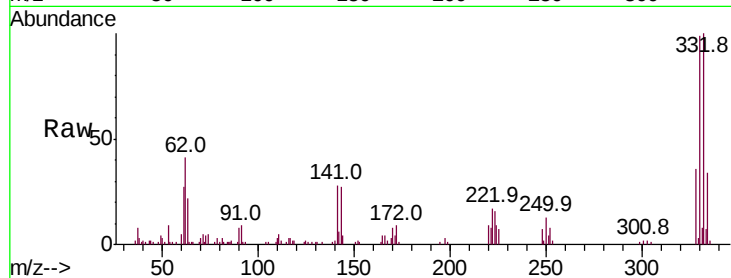




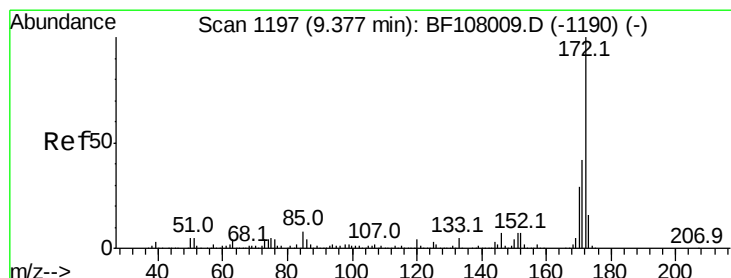
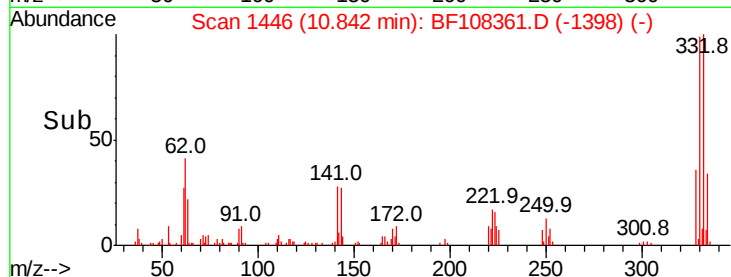
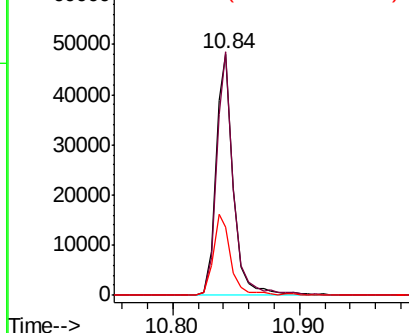
#41
 2,4,6-Tribromophenol
 Concen: 16.405 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108361.D
 Acq: 22 Aug 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.8	29.9	44.9

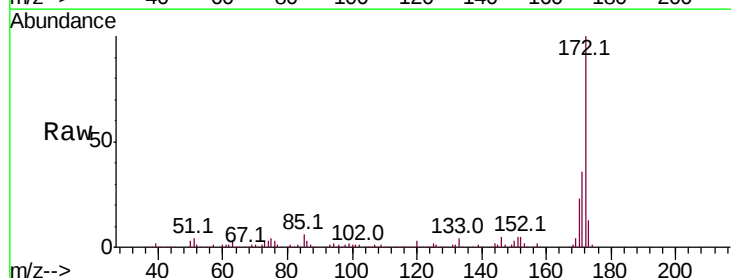


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

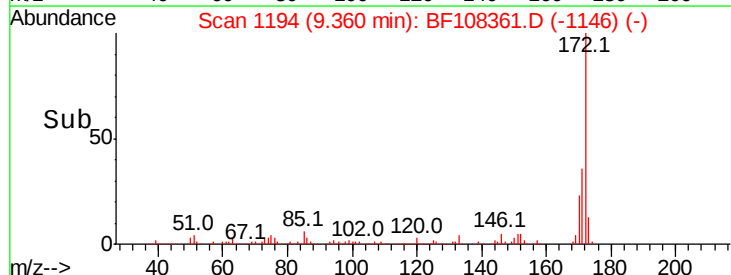
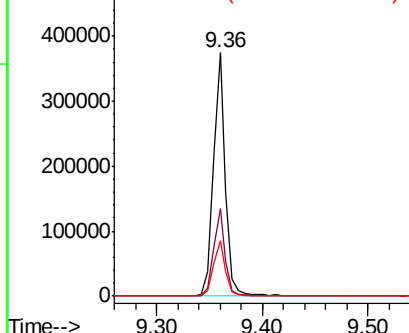


#44
 2-Fluorobiphenyl
 Concen: 17.028 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108361.D
 Acq: 22 Aug 2018 2:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.0	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

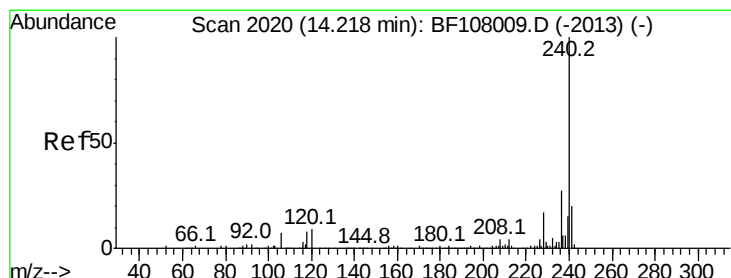
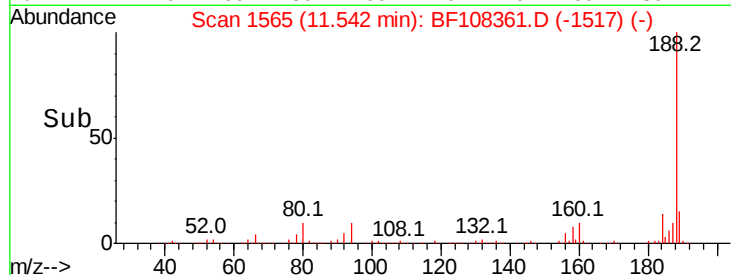
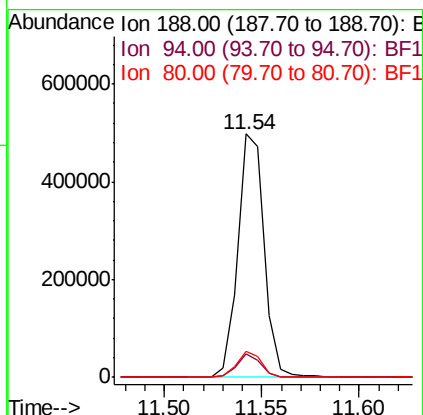
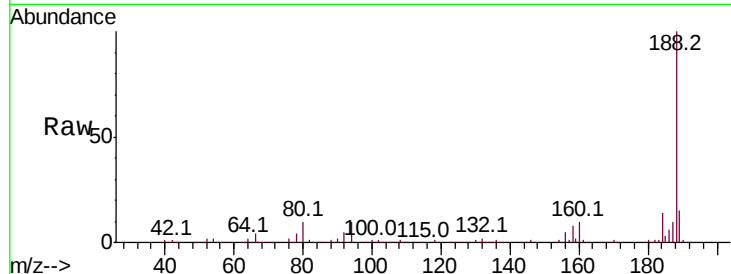




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

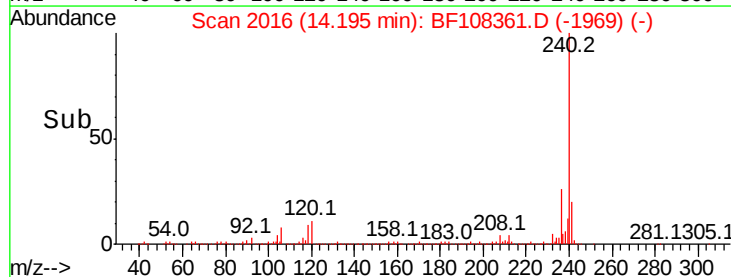
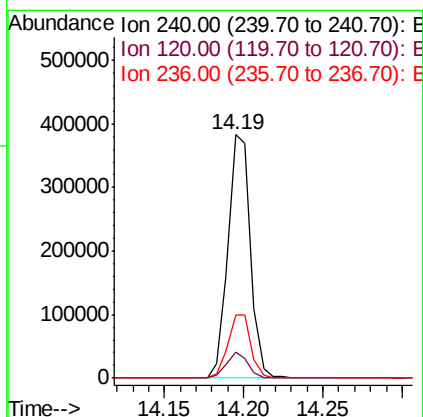
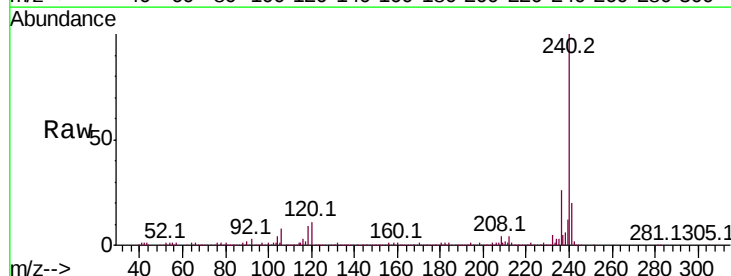
Instrument :
BNA_F
ClientSampleId :
CL-01-082018-A

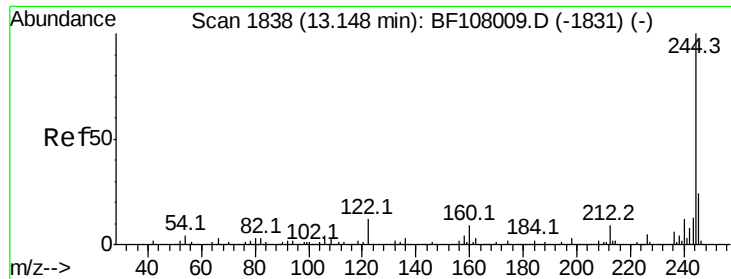
Tot Ion:188 Resp: 464246
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion:240 Resp: 376929
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.0 20.7 31.1

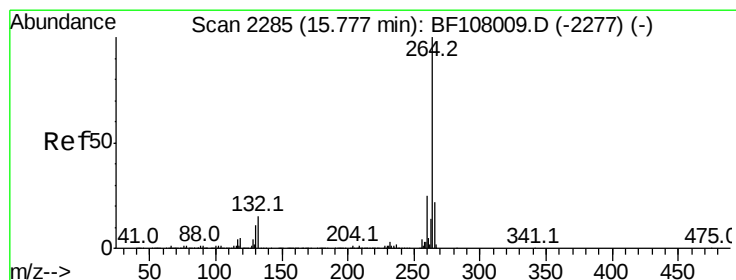
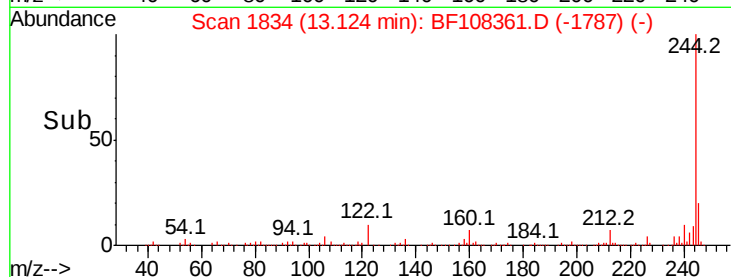
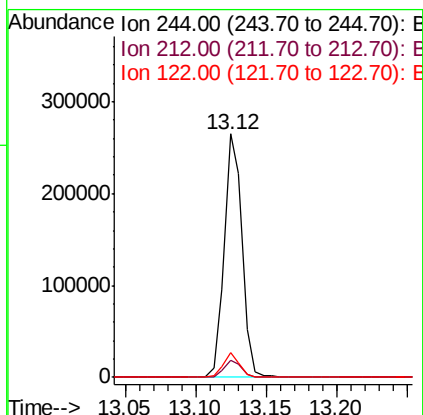
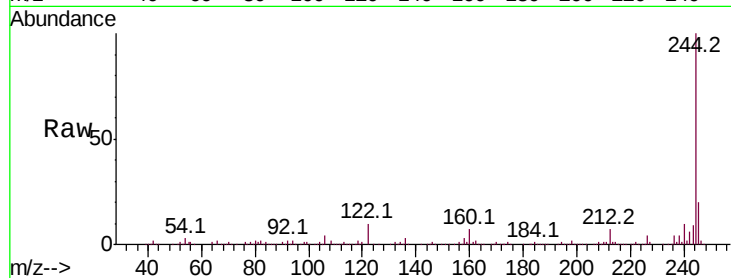




#78
 Terphenyl-d14
 Concen: 15.696 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF108361.D
 Acq: 22 Aug 2018 2:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082018-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.0	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF108361.D
 Acq: 22 Aug 2018 2:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3

