Quantitation Report (Not Reviewed)

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 03:33:16 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
19) n-Nitroso-di-n-propylamine	7.56	70	19207	2.339	ng	# 81
25) Isophorone	7.56	82	149655	7.029	ng	# 64
50) 2,6-Dinitrotoluene	10.05	165	36798	8.876	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	36798	6.895	ng	# 23

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

Quantitation Report (Not Reviewed)

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 03:33:16 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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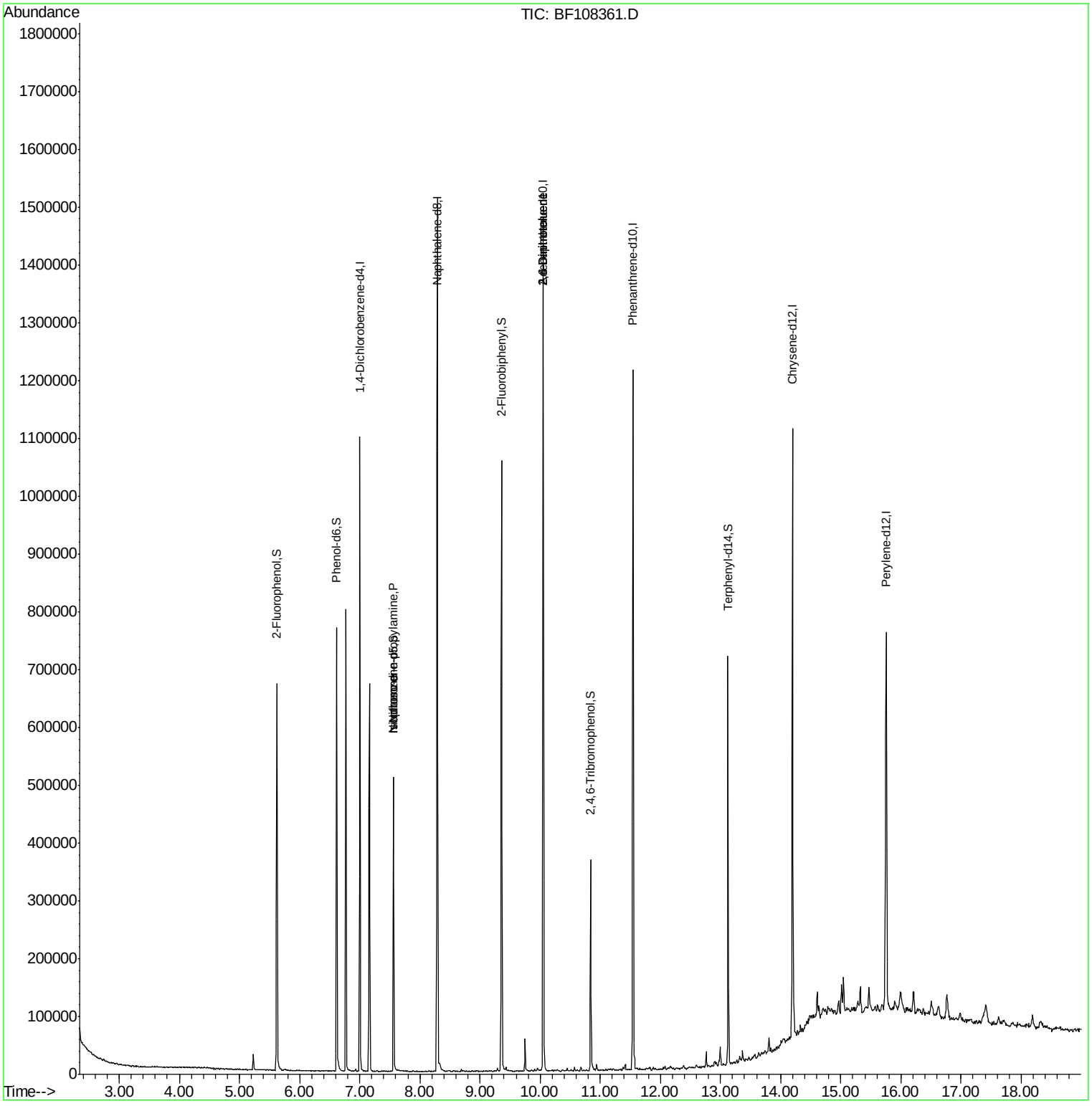
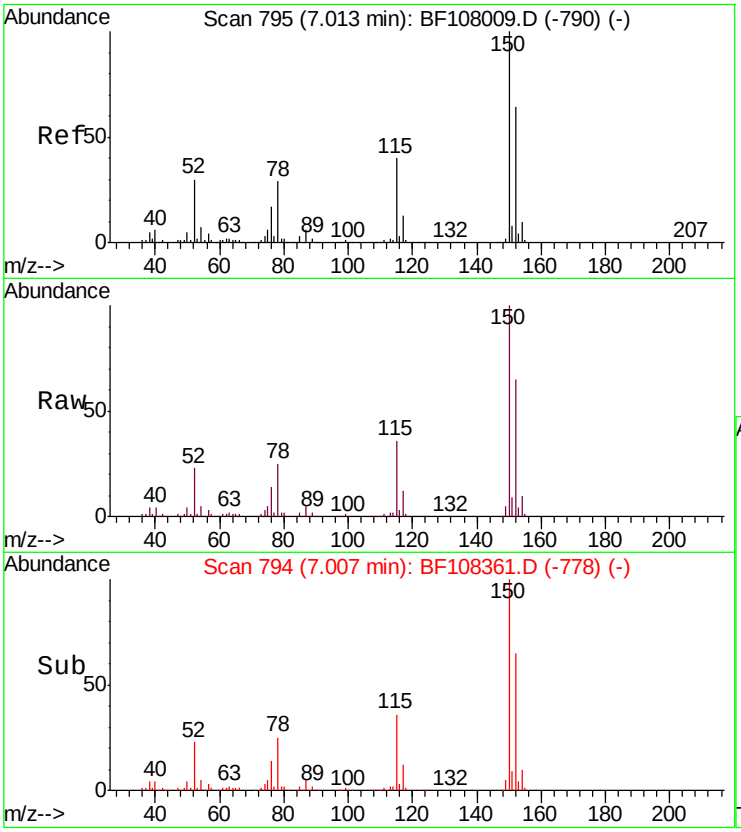


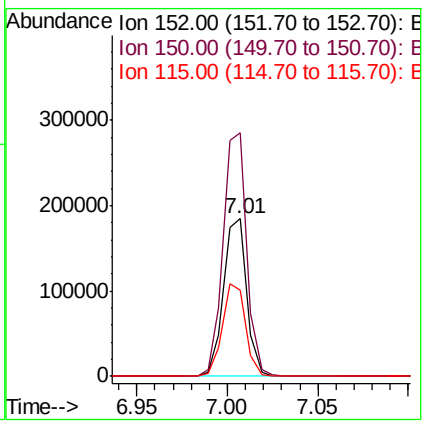


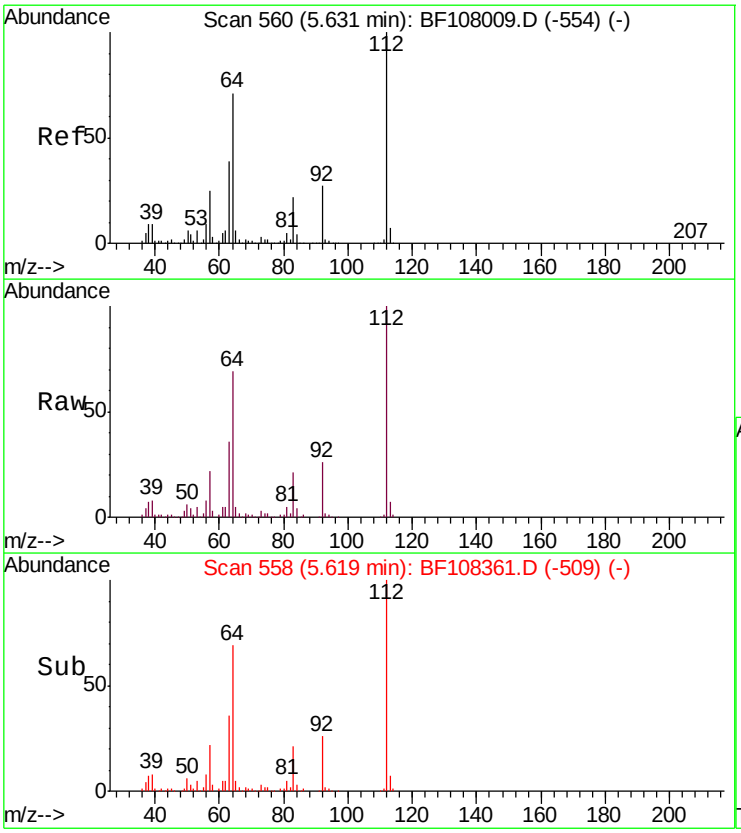
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

Tgt Ion:152 Resp: 165420

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

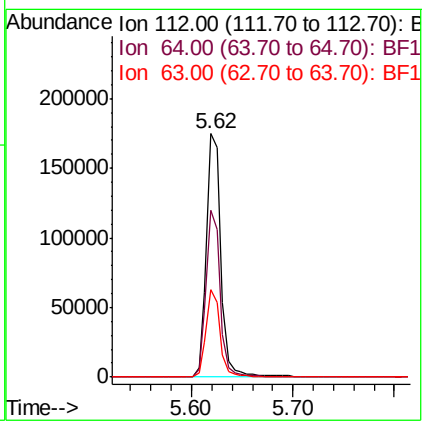


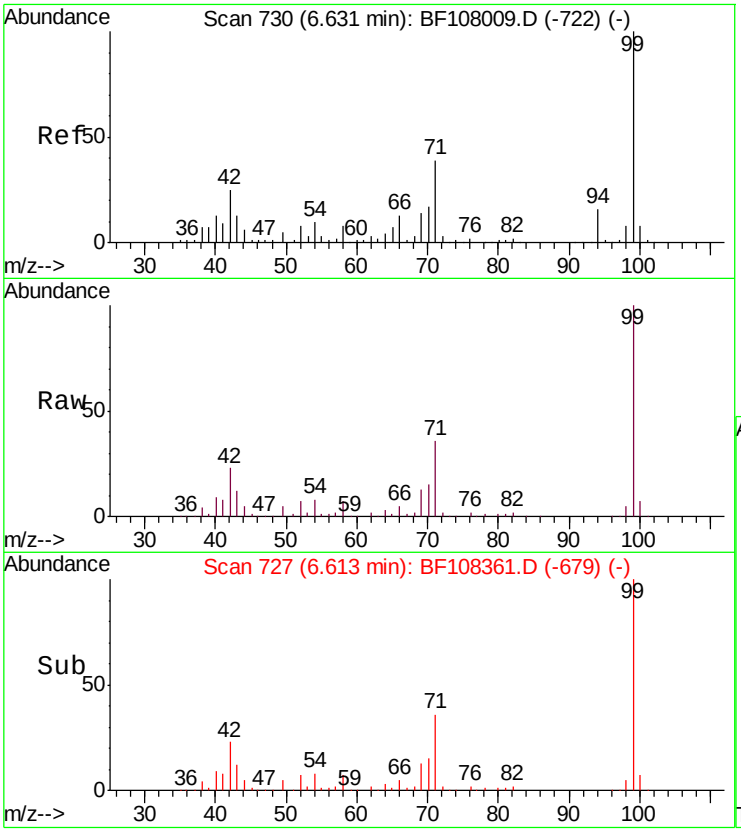


#5
2-Fluorophenol
Concen: 19.073 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion:112 Resp: 174265

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



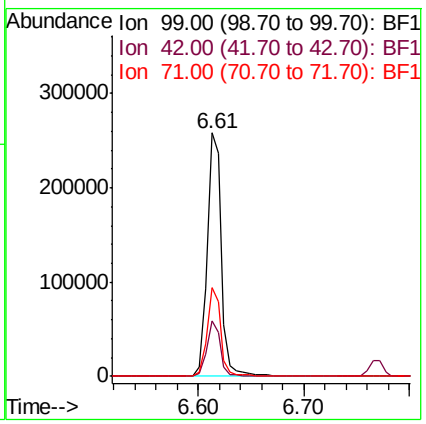


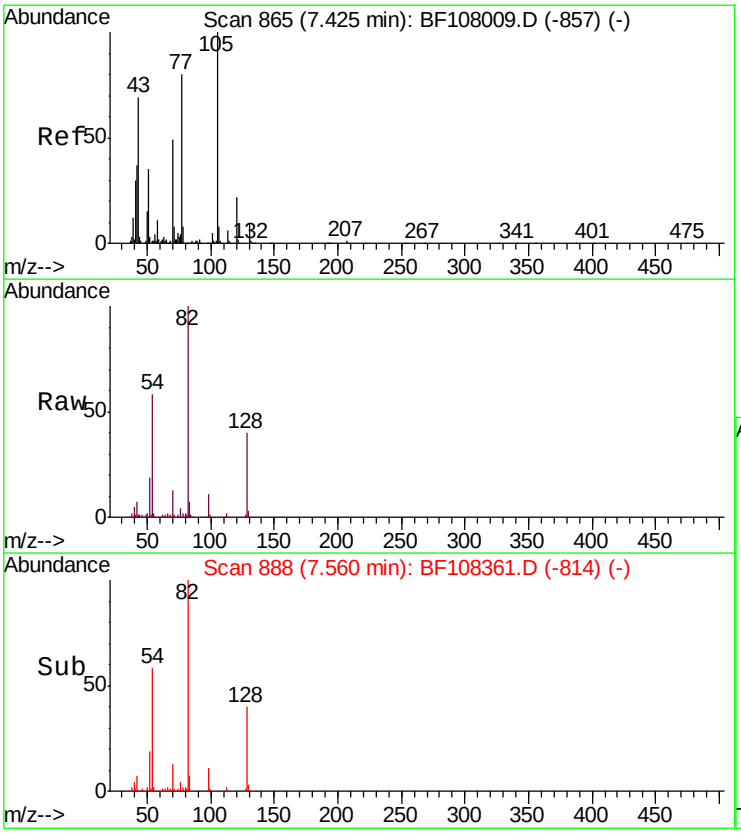
#7
Phenol-d6
Concen: 19.975 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

Tgt Ion: 99 Resp: 242528

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	36.3	25.4	38.0

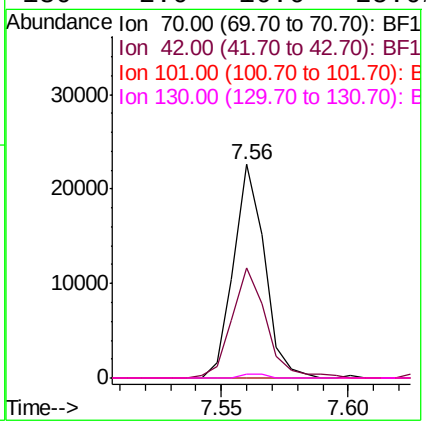


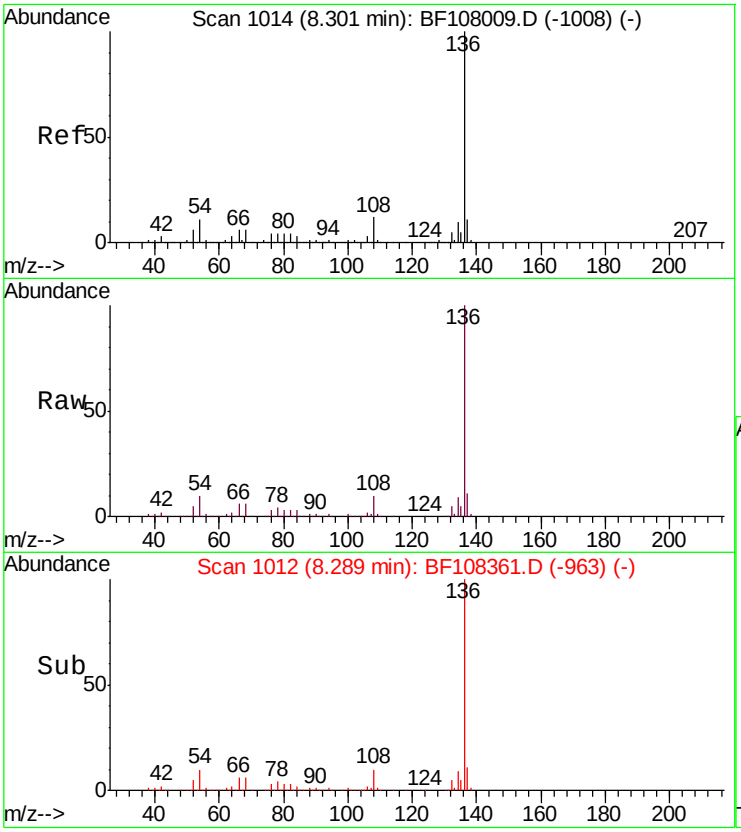


#19
n-Nitroso-di-n-propylamine
Concen: 2.339 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion: 70 Resp: 19207

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



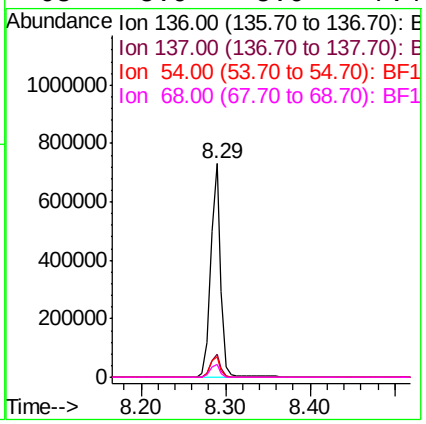


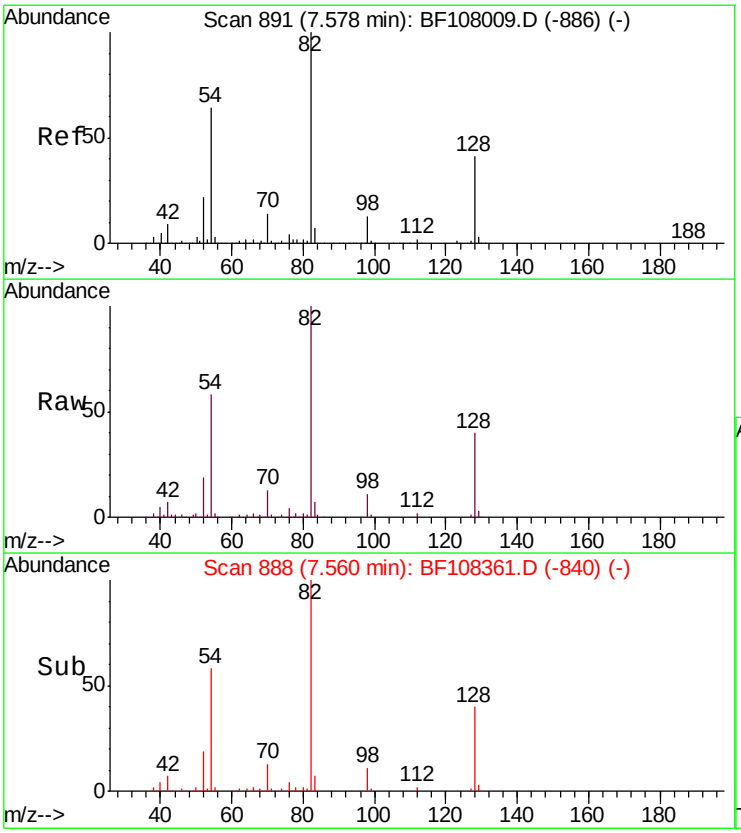
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

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

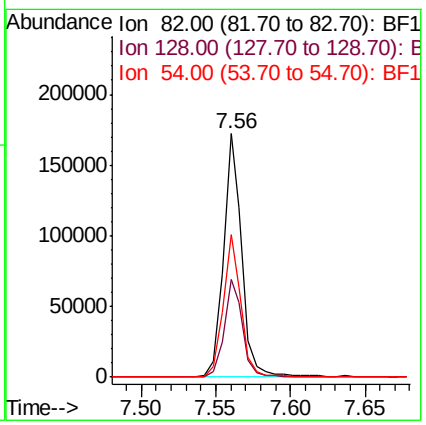


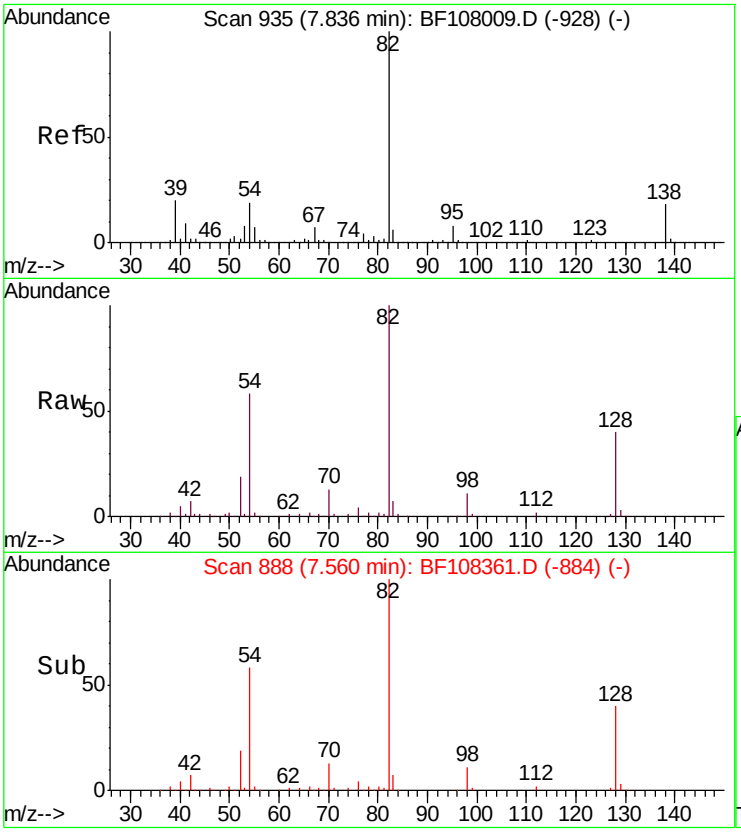


#23
Nitrobenzene-d5
Concen: 13.398 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion: 82 Resp: 149657

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	58.3	41.4	62.2



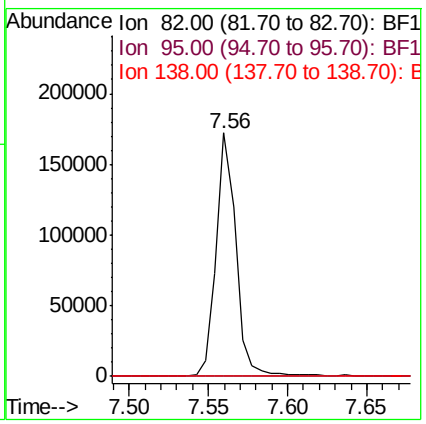


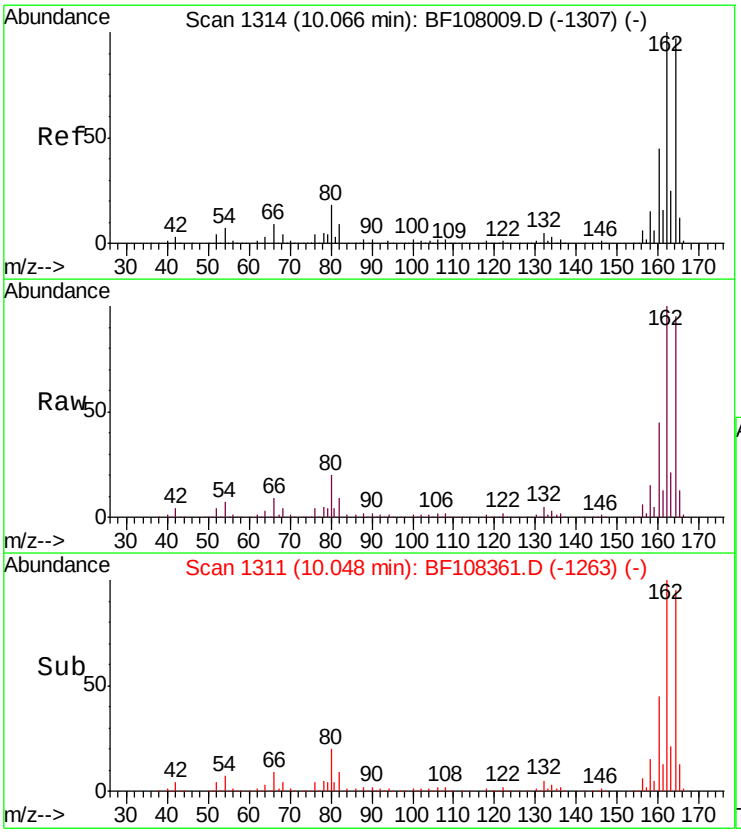
#25
Isophorone
Concen: 7.029 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.28 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

Tgt Ion: 82 Resp: 149655

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

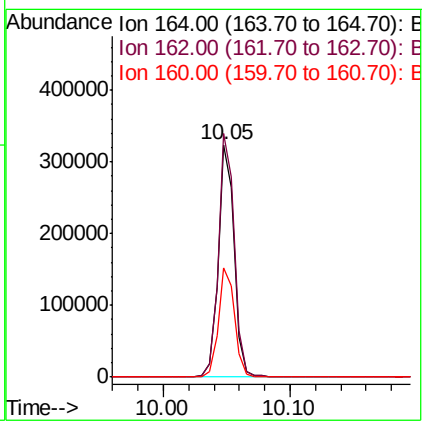


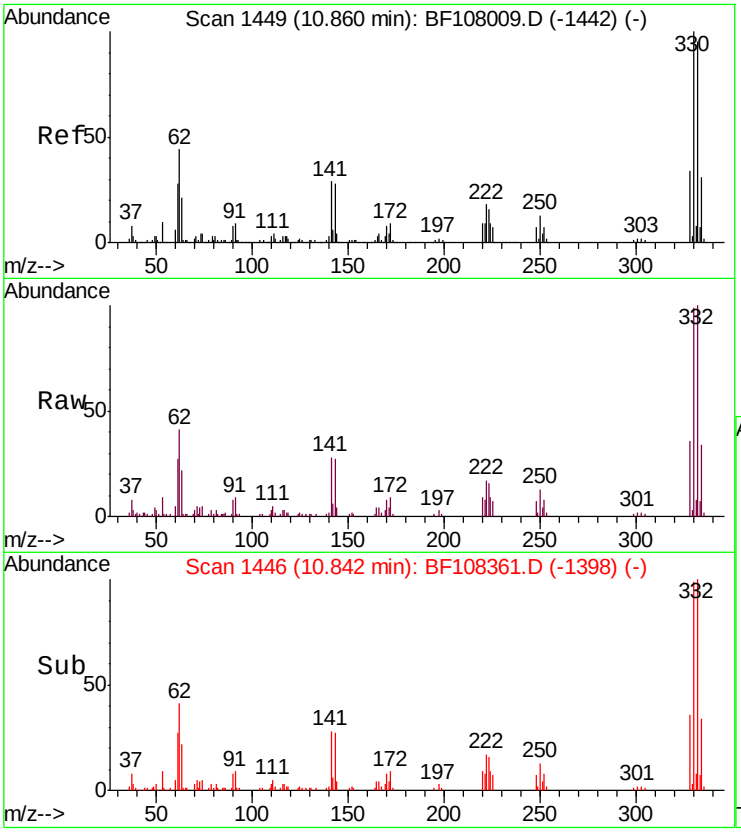


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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



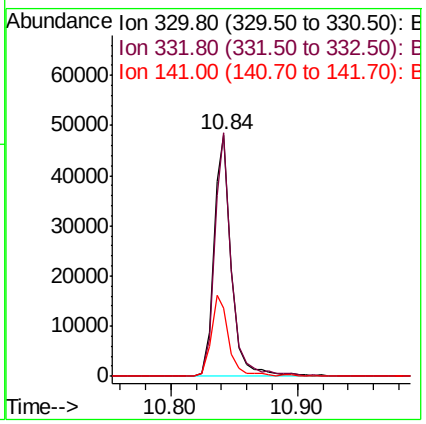


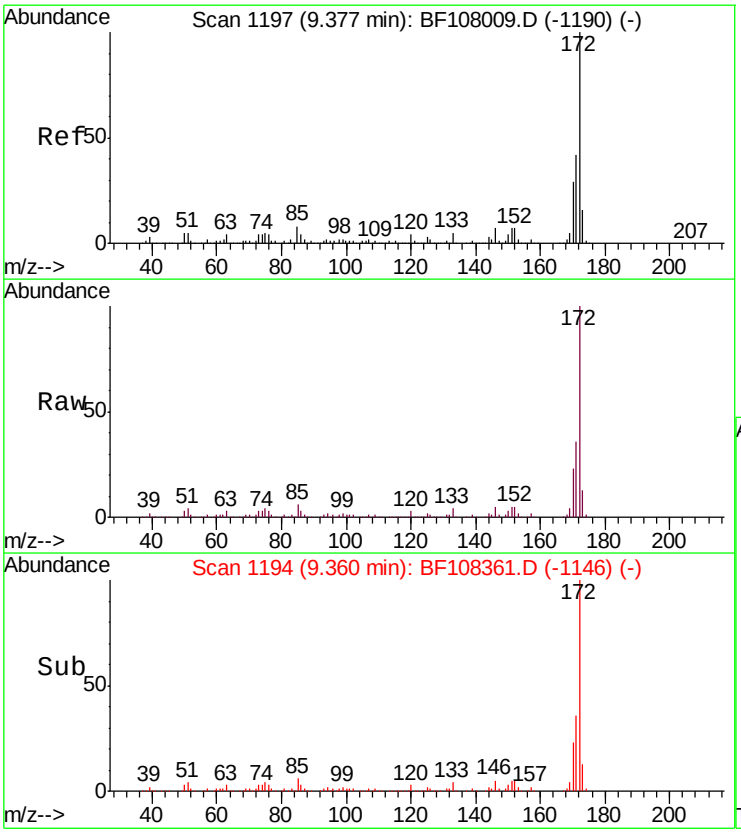
#41
2,4,6-Tribromophenol
Concen: 16.405 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

Tgt Ion:330 Resp: 46549

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

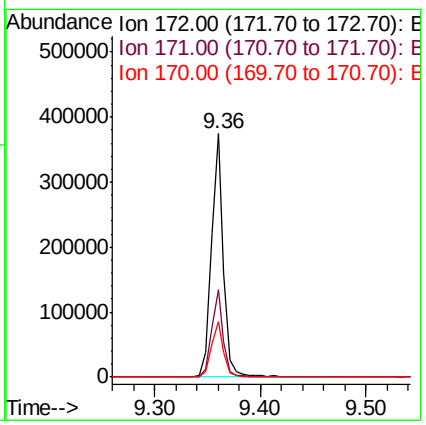


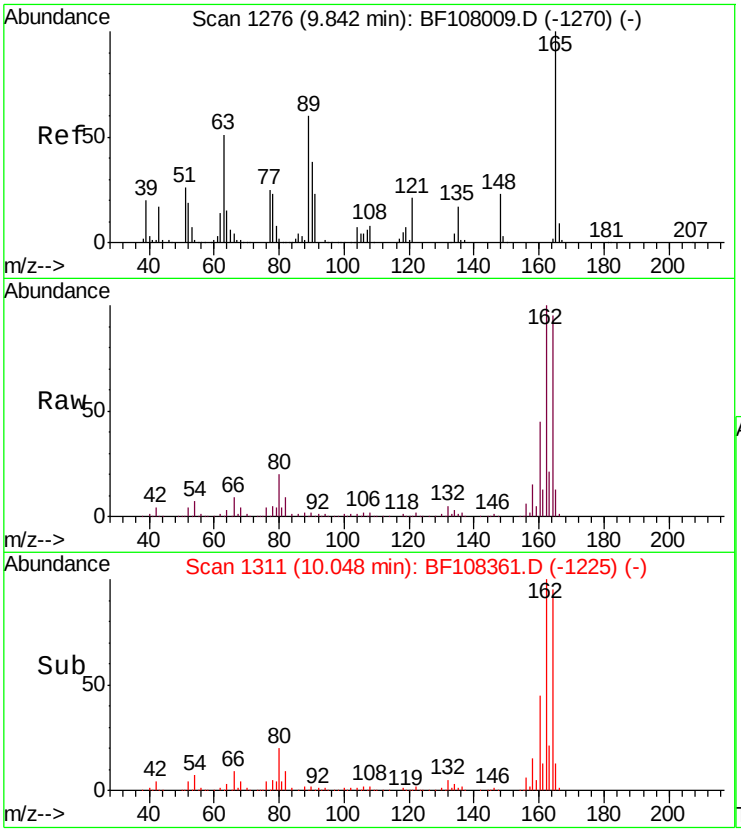


#44
2-Fluorobiphenyl
Concen: 17.028 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion:172 Resp: 301719

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.0	19.6	29.4



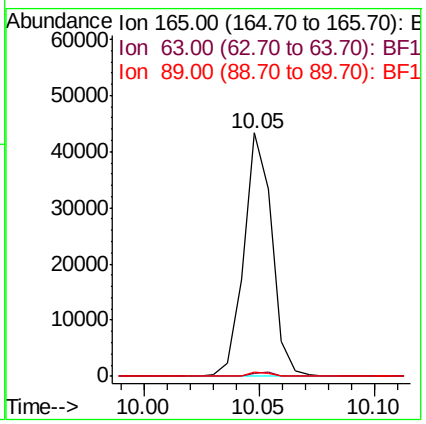


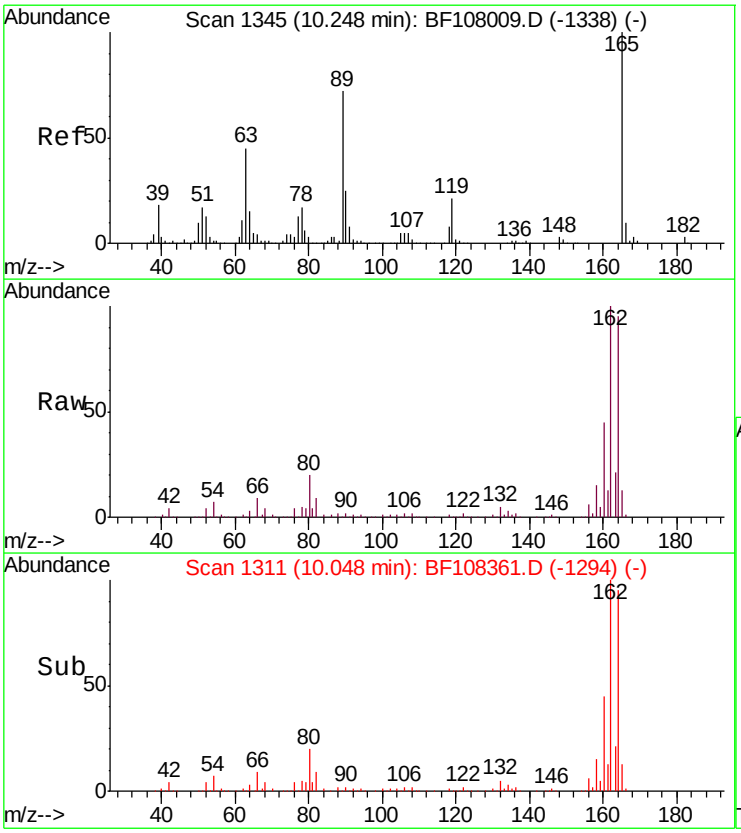
#50
2,6-Dinitrotoluene
Concen: 8.876 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.21 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

Tgt Ion:165 Resp: 36798

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#

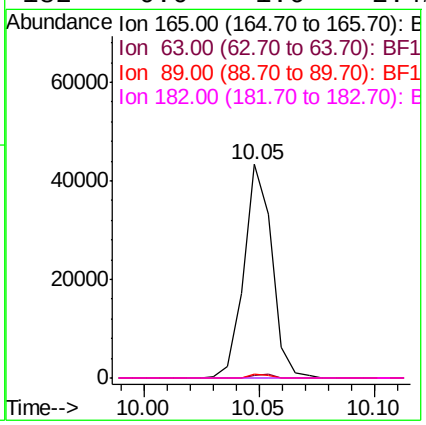


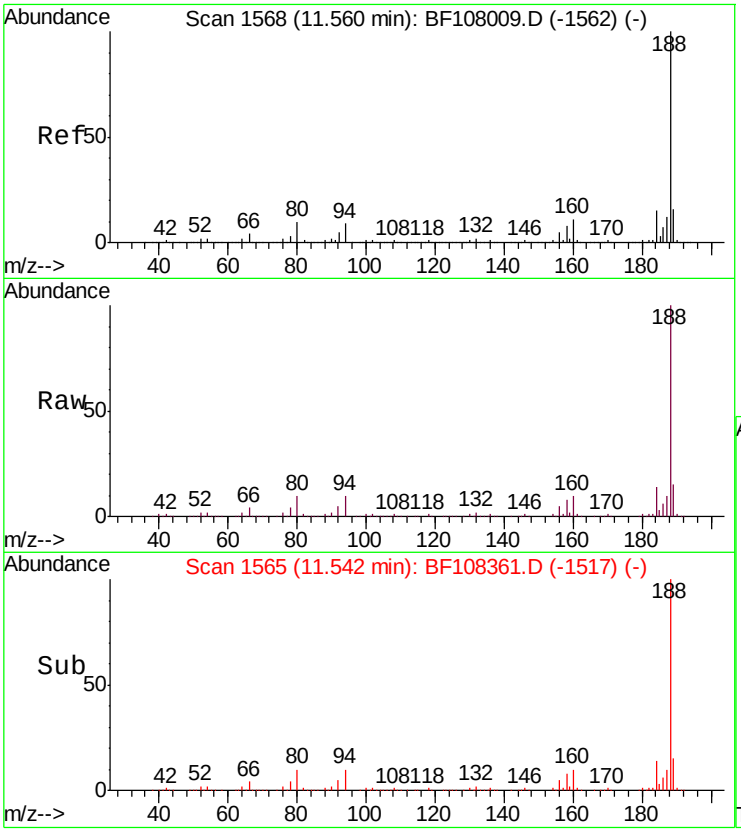


#56
2,4-Dinitrotoluene
Concen: 6.895 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.20 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

Tgt Ion:165 Resp: 36798

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



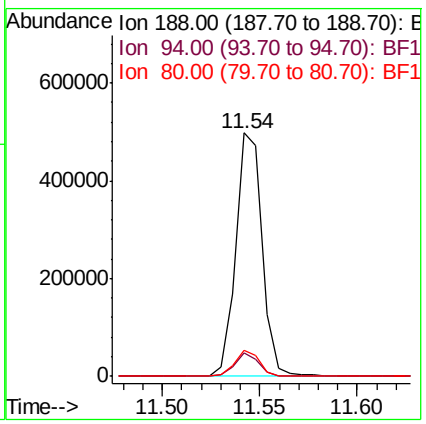


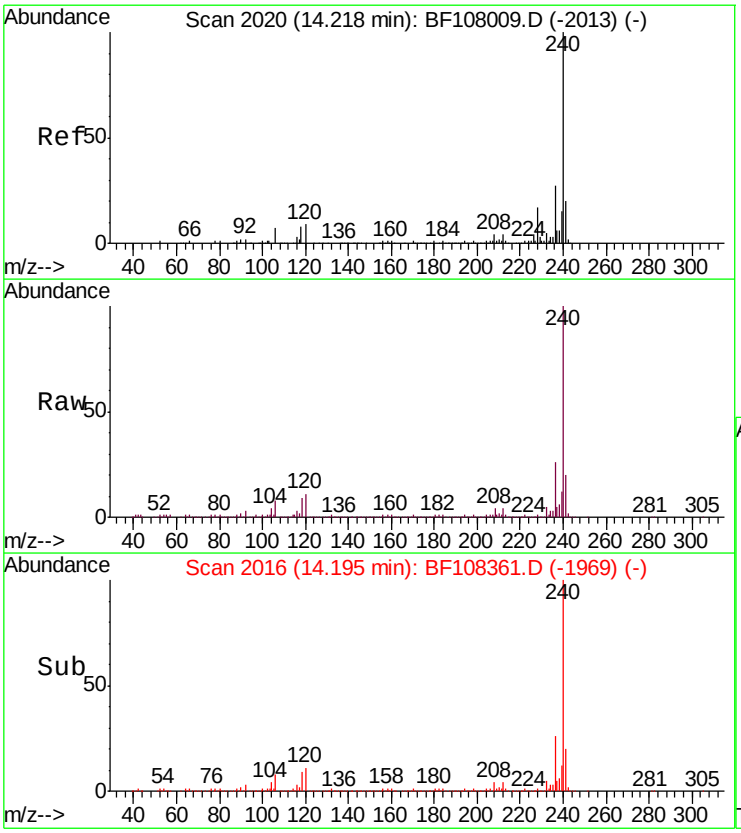
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

Tgt Ion:188 Resp: 464246

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

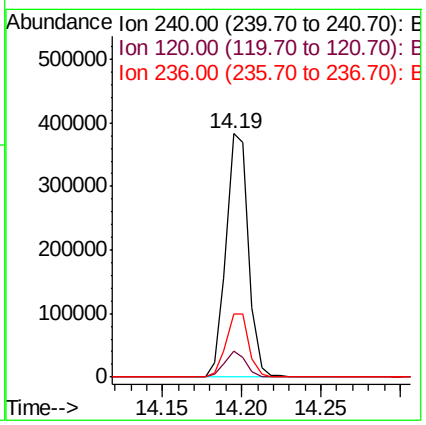


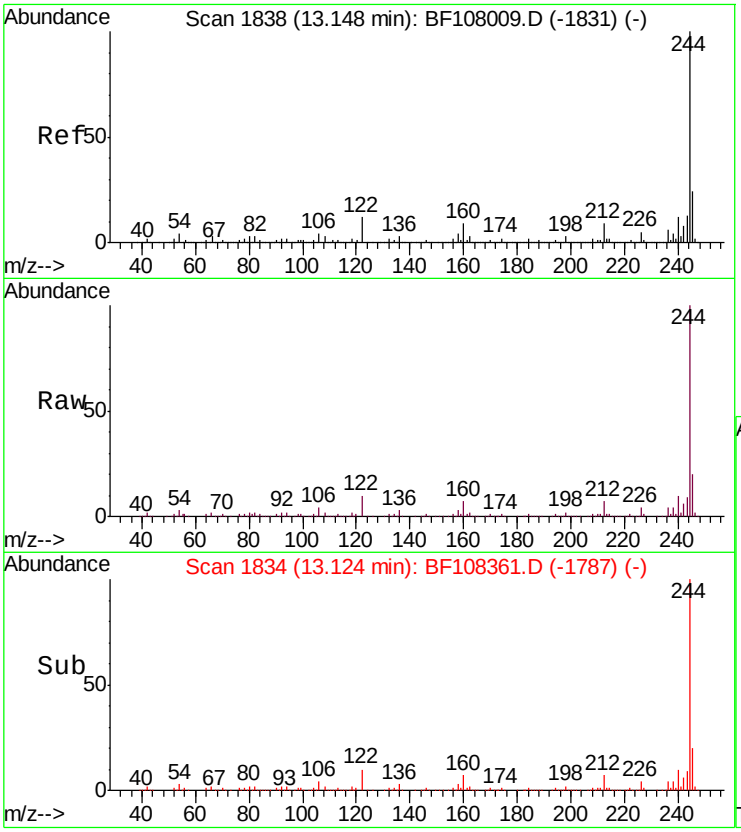


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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



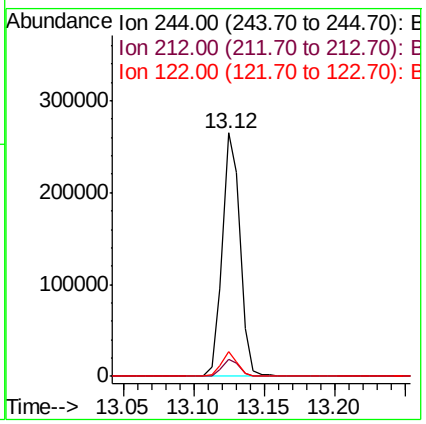


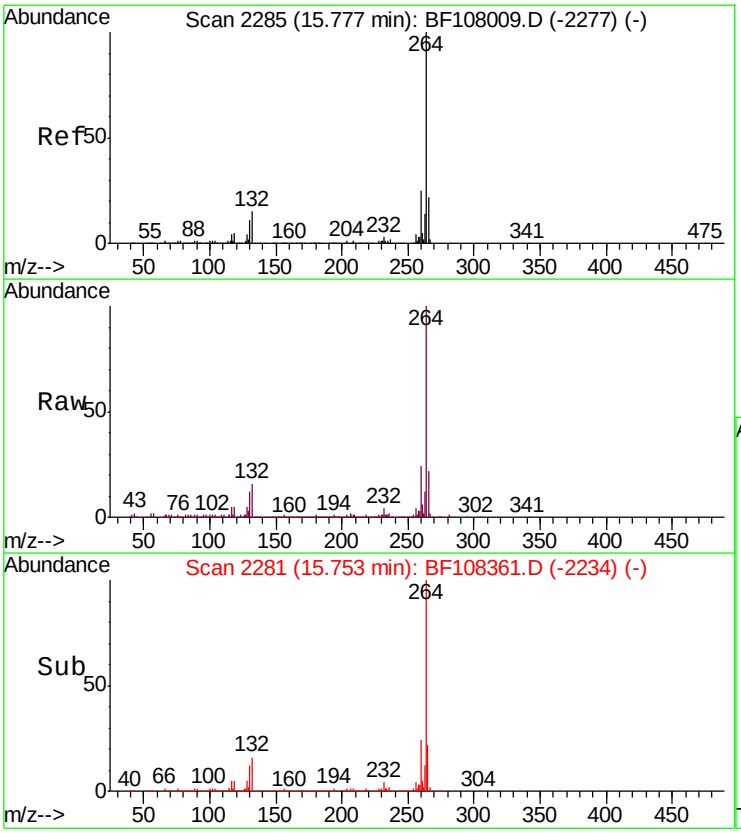
#78
Terphenyl-d14
Concen: 15.696 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF108361.D
Acq: 22 Aug 2018 2:10

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

Tgt Ion:244 Resp: 232689

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:264 Resp: 318357

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