Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108403.D
Acq On : 23 Aug 2018 00:21
Operator : JU/SJ
Sample : J4499-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 02:18:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164433	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	596153	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	274496	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	449034	20.00	ng	0.00
75) Chrysene-d12	14.19	240	316331	20.00	ng	0.00
86) Perylene-d12	15.75	264	269840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	700648	77.14	ng	0.00
7) Phenol-d6	6.62	99	940154	77.90	ng	0.00
23) Nitrobenzene-d5	7.56	82	604590	56.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	187713	68.56	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1127084	65.92	ng	0.00
78) Terphenyl-d14	13.12	244	842254	67.70	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	82825	10.148	ng	# 81
25) Isophorone	7.56	82	604582	29.690	ng	# 64
49) Dimethylphthalate	9.75	163	102268	5.348	ng	# 99
50) 2,6-Dinitrotoluene	10.05	165	35453	8.862	ng	# 26
56) 2,4-Dinitrotoluene	10.05	165	35453	6.885	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	298	5.516	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12063	2.472	ng	# 1
74) Fluoranthene	12.76	202	72345	3.130	ng	94
77) Pyrene	12.99	202	57631	2.878	ng	99
87) Benzo(b)fluoranthene	15.28	252	50651	3.141	ng	98
88) Benzo(k)fluoranthene	15.28	252	50651	3.417	ng	99

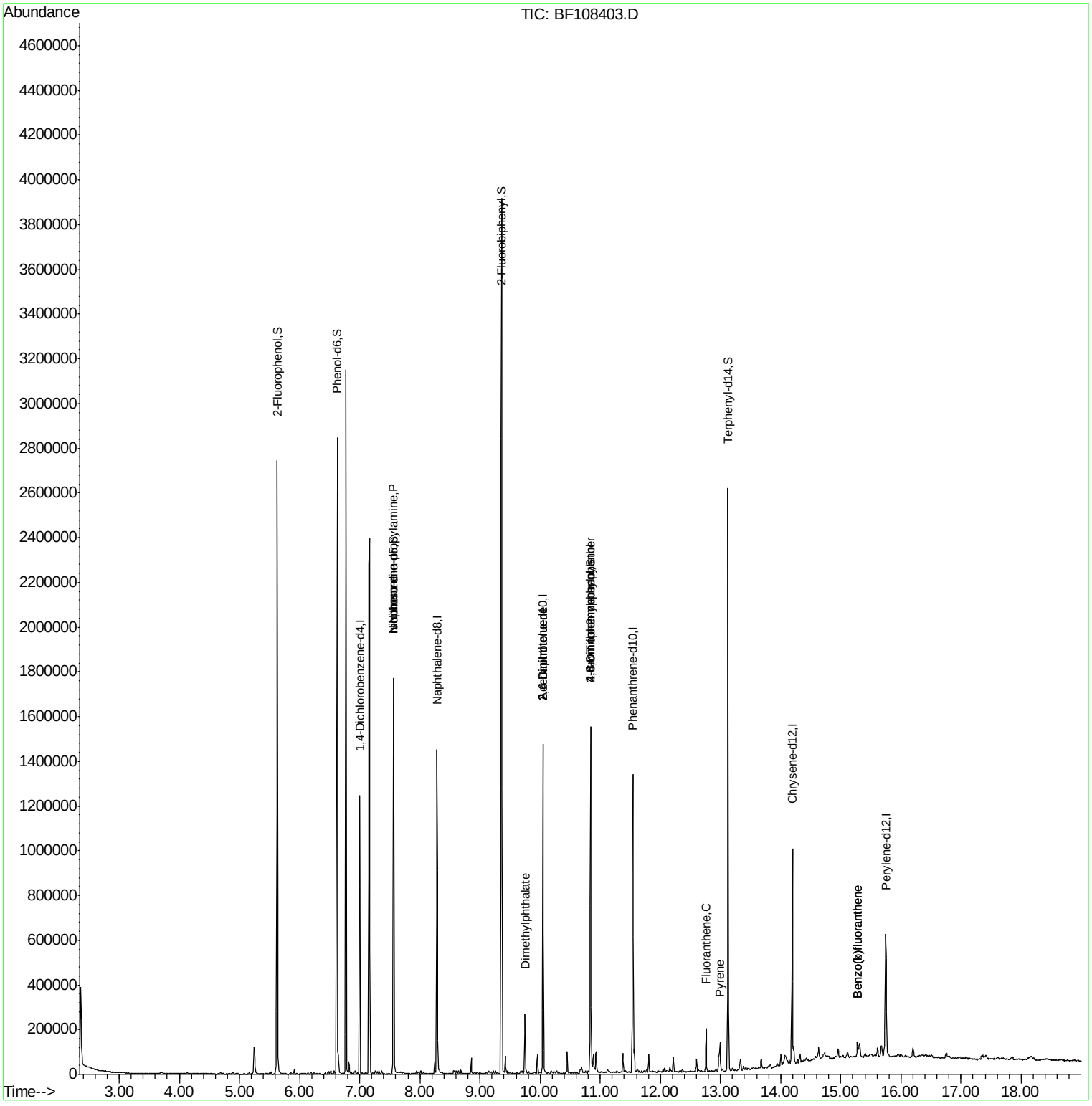
(#) = qualifier out of range (m) = manual integration (+) = signals summed

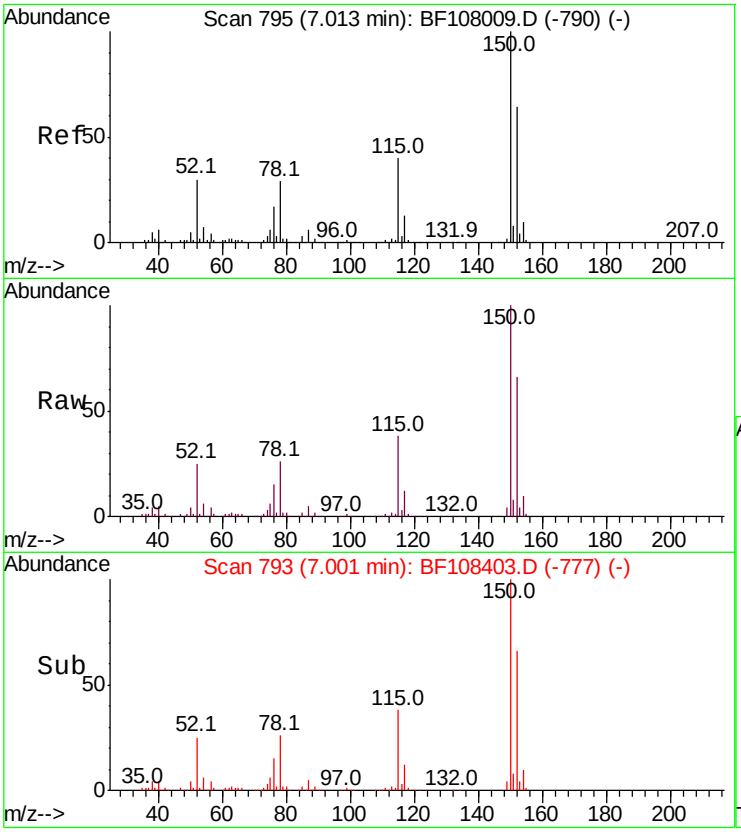
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108403.D
Acq On : 23 Aug 2018 00:21
Operator : JU/SJ
Sample : J4499-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 23 02:18:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



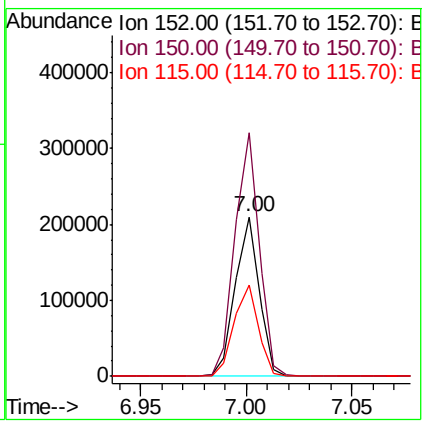


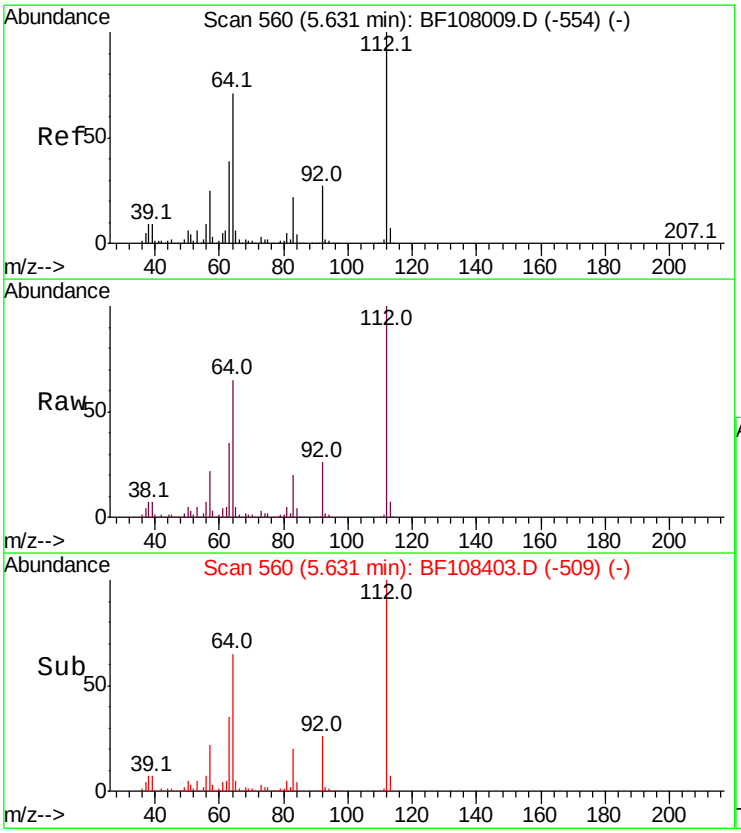
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164433

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	57.5	50.1	75.1

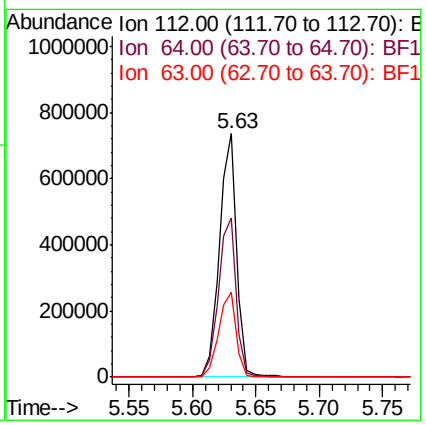


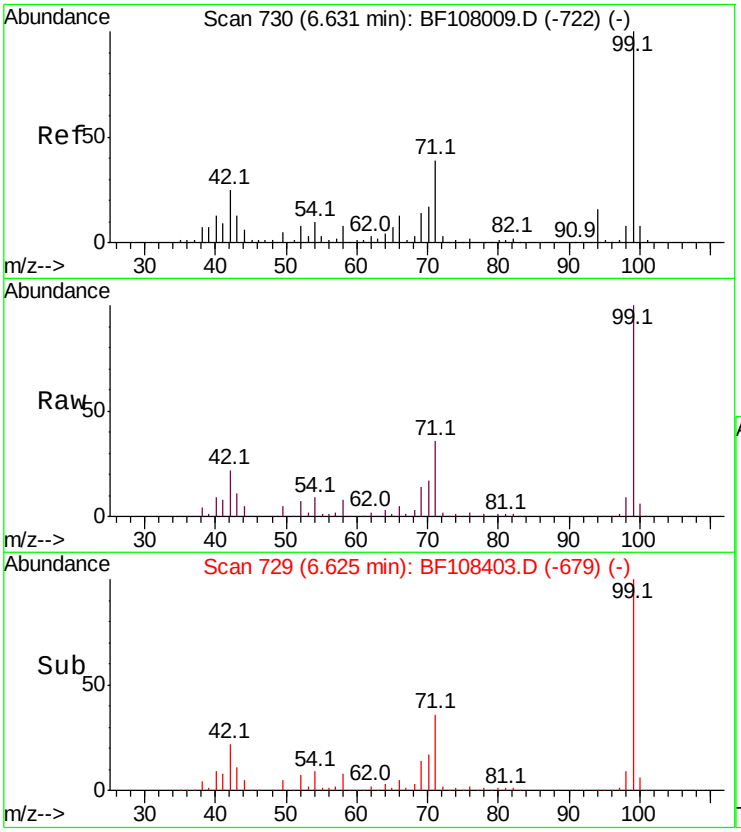


#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:112 Resp: 700648

Ion	Ratio	Lower	Upper
112	100		
64	65.1	47.9	71.9
63	34.9	23.7	35.5



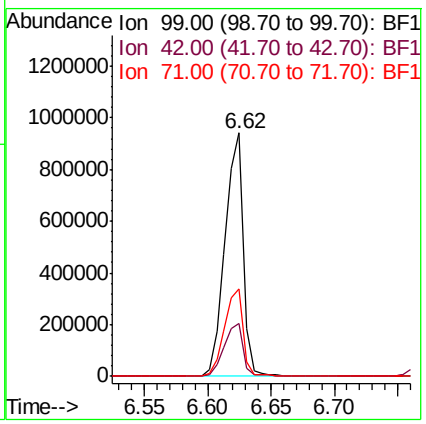


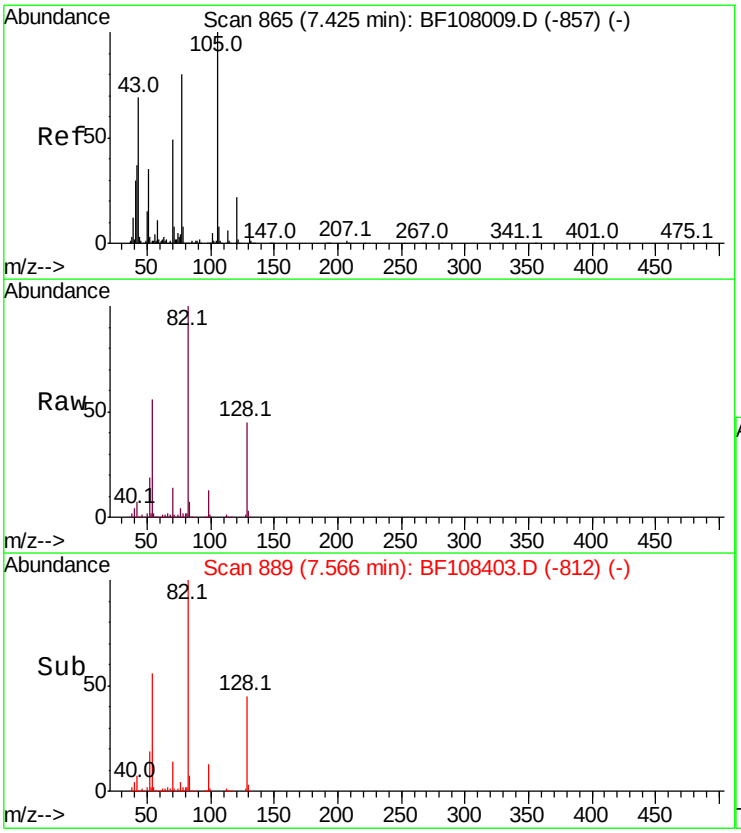
#7
Phenol-d6
Concen: 77.896 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 940154

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	36.0	25.4	38.0

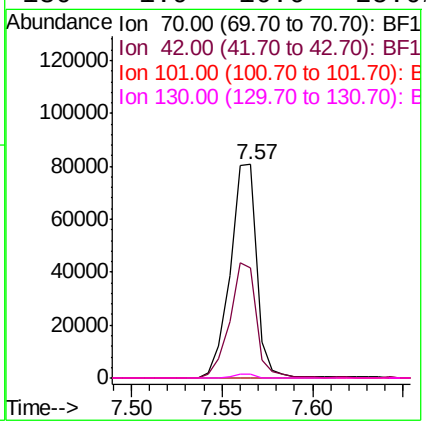


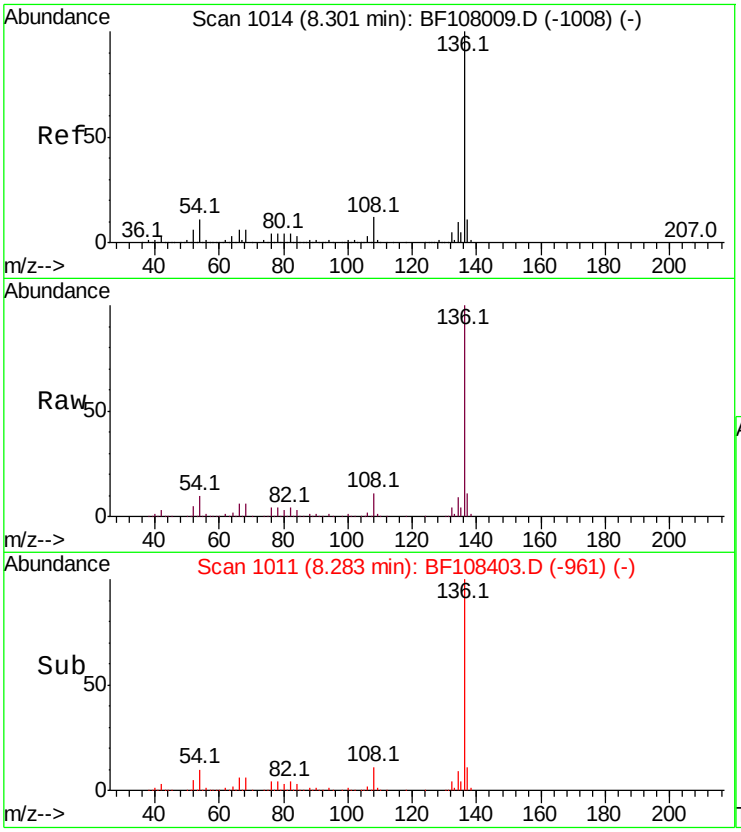


#19
n-Nitroso-di-n-propylamine
Concen: 10.148 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion: 70 Resp: 82825

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



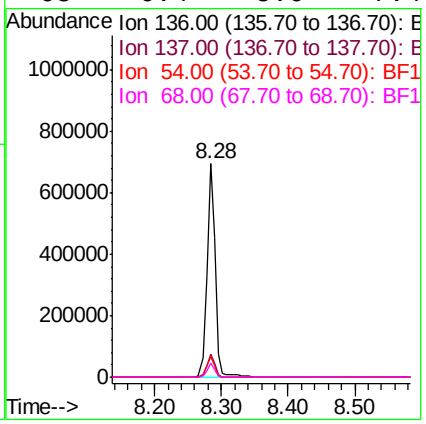


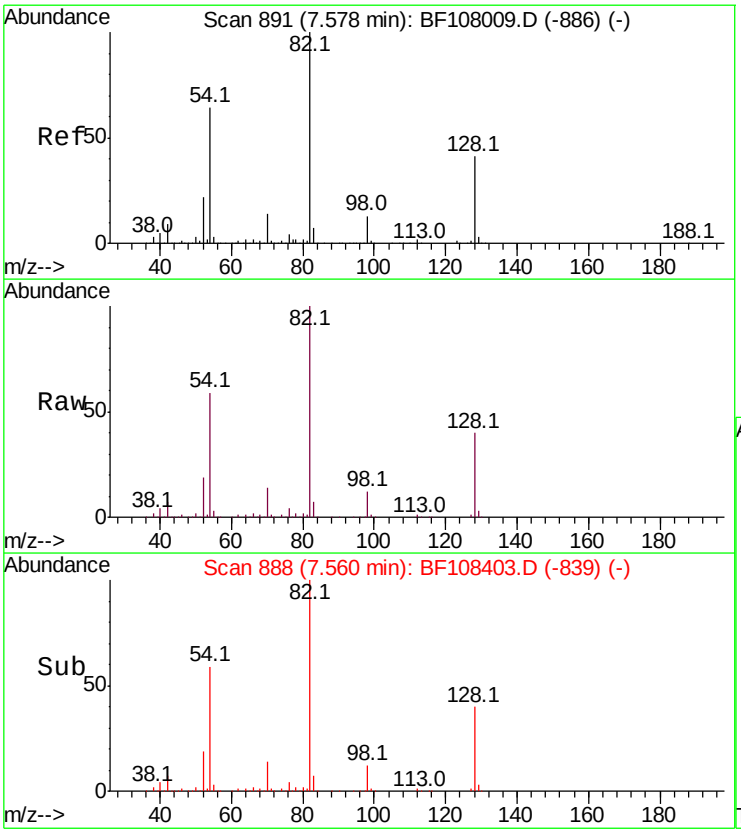
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 596153

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8#
68	6.4	5.0	7.4

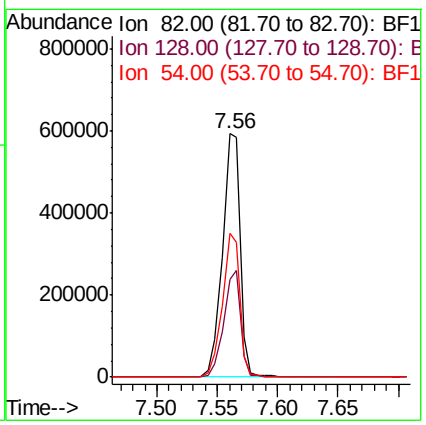


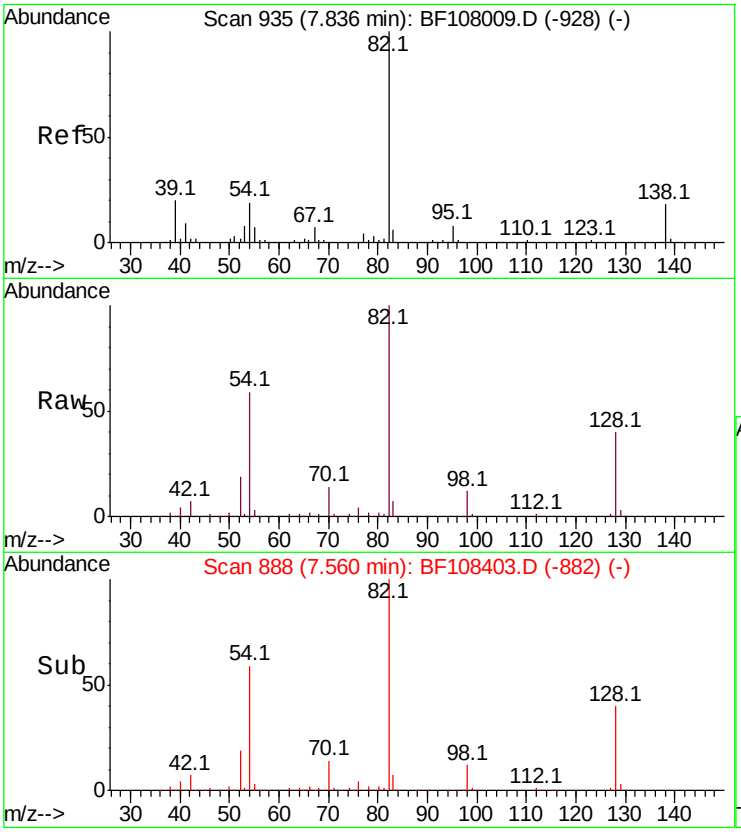


#23
Nitrobenzene-d5
Concen: 56.591 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion: 82 Resp: 604590

Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	58.8	41.4	62.2



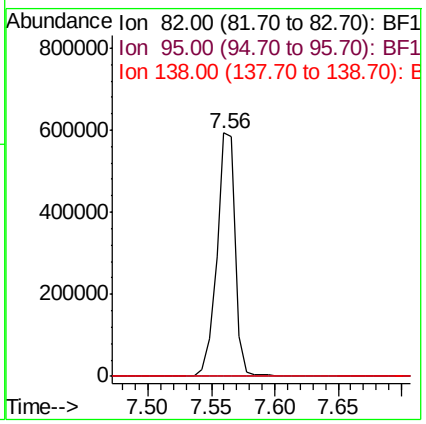


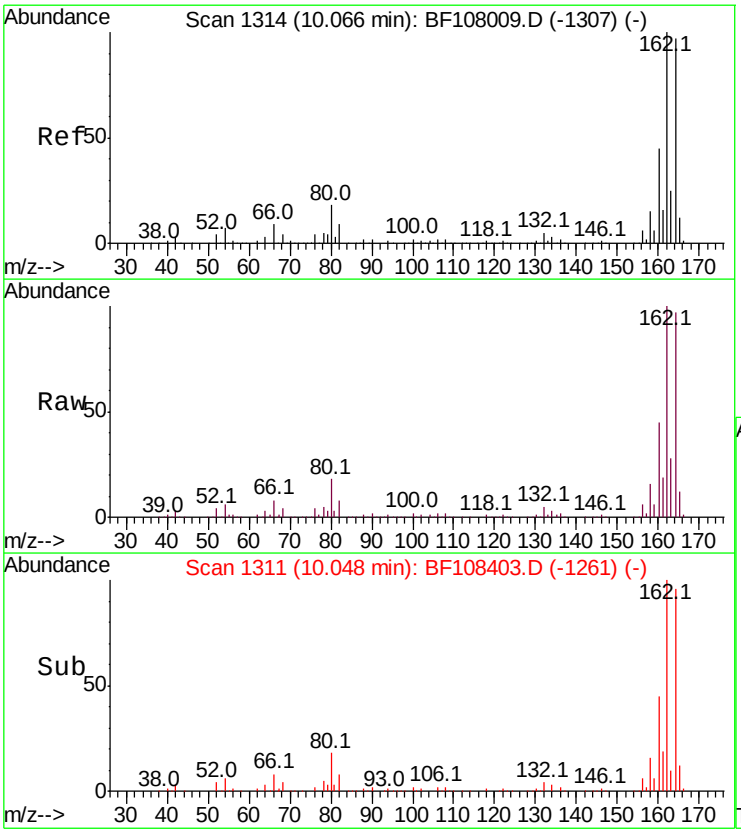
#25
Isophorone
Concen: 29.690 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 604582

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

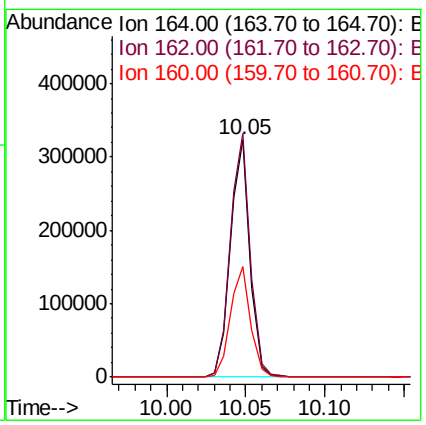


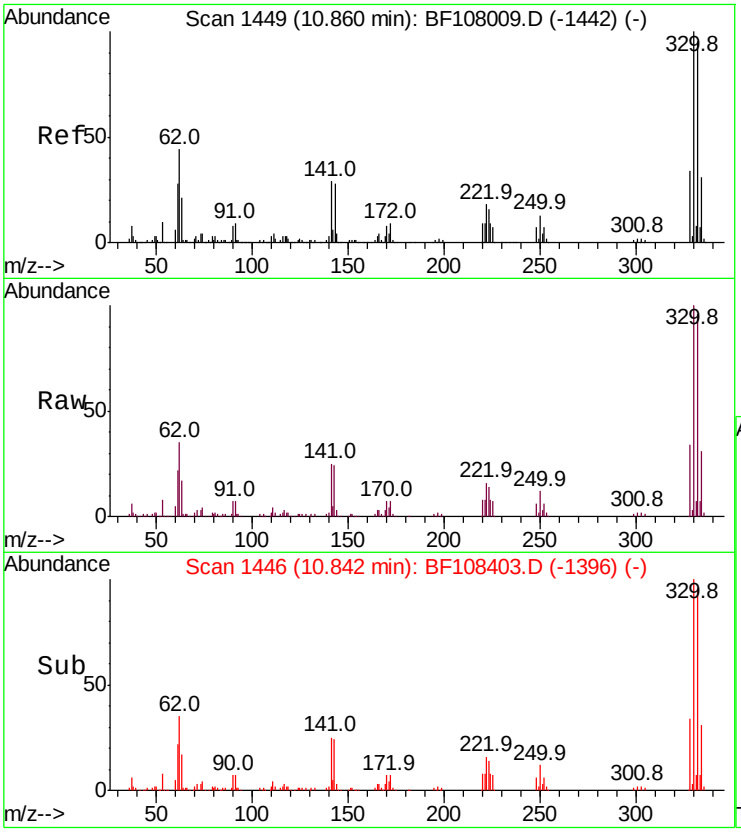


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:164 Resp: 274496

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.5	38.3	57.5



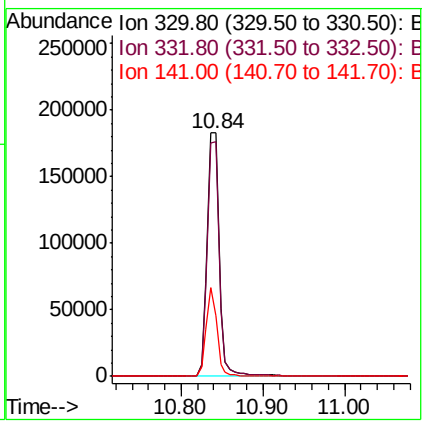


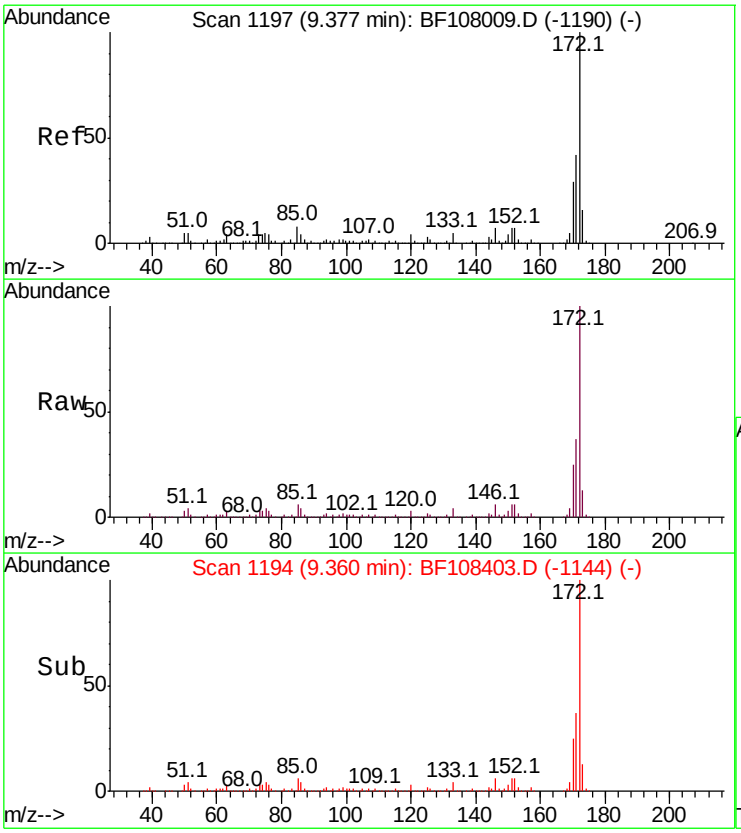
#41
2,4,6-Tribromophenol
Concen: 68.558 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 187713

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.6	29.9	44.9

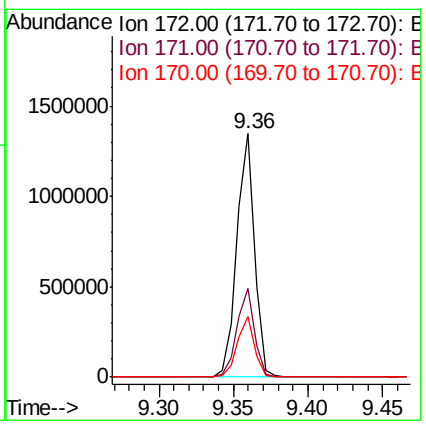


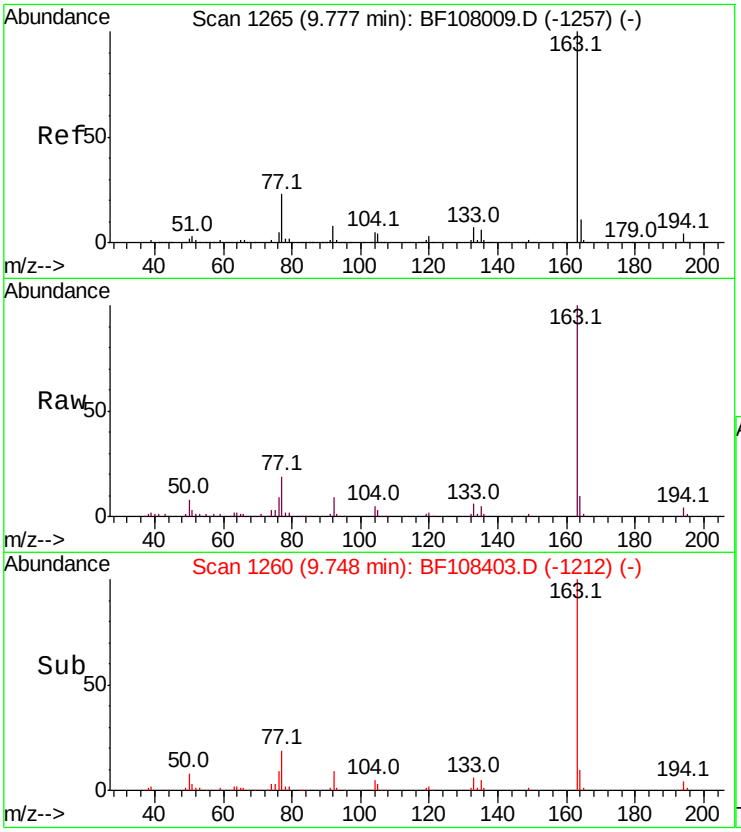


#44
2-Fluorobiphenyl
Concen: 65.921 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:172 Resp: 1127084

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4



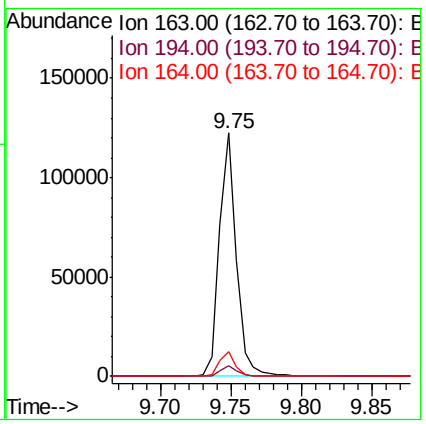


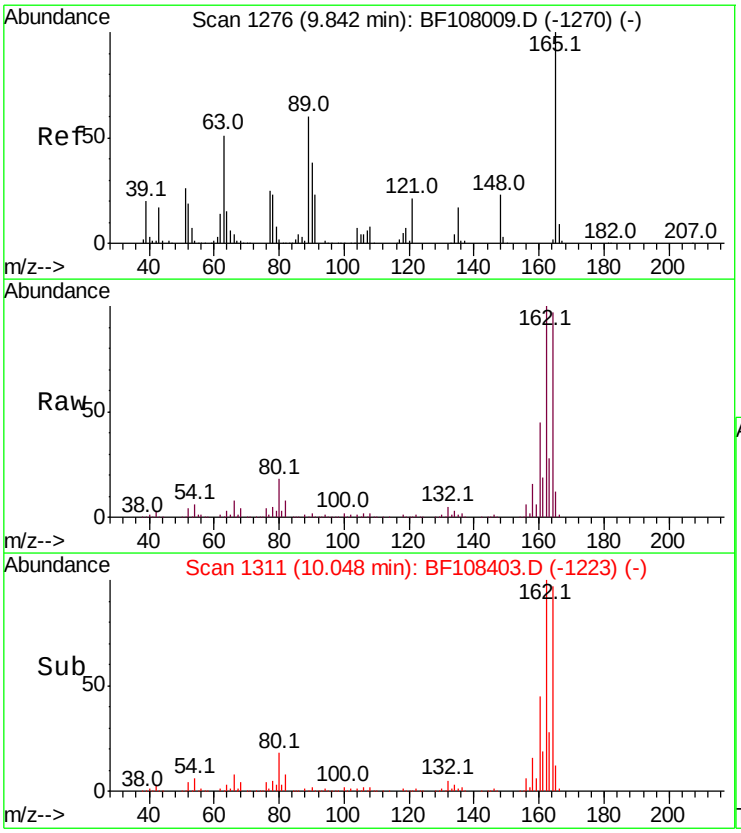
#49
Dimethylphthalate
Concen: 5.348 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 102268

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.1	8.2	12.2

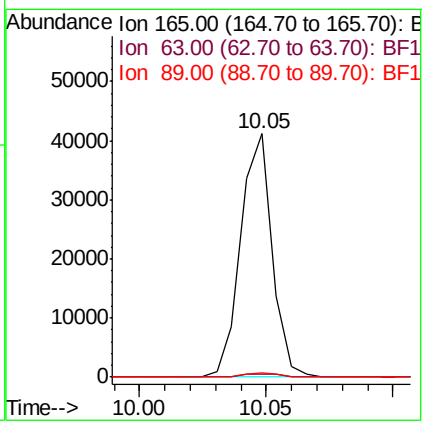


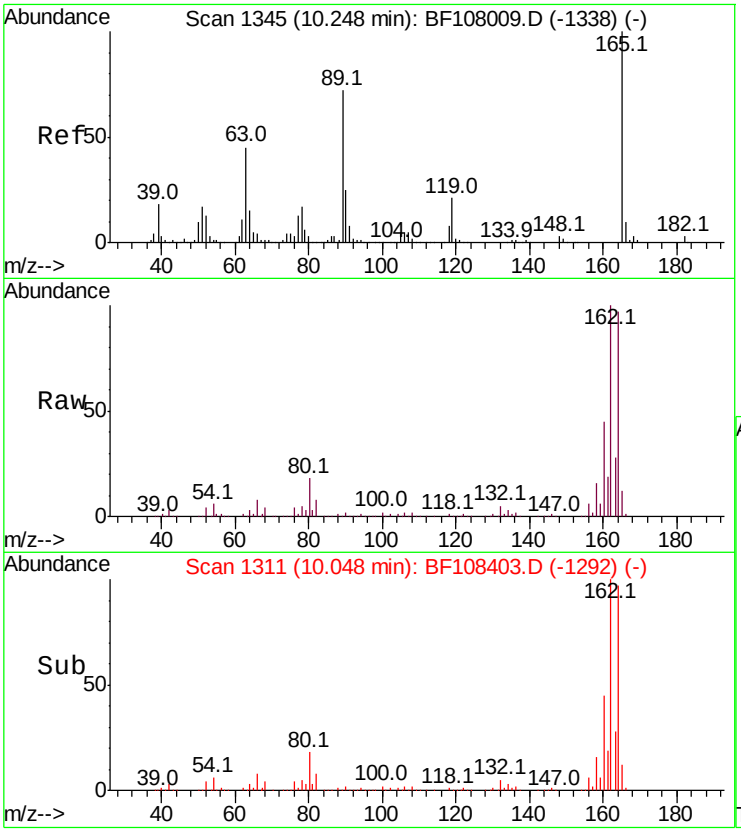


#50
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.22 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:165 Resp: 35453

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.7	44.0	66.0#



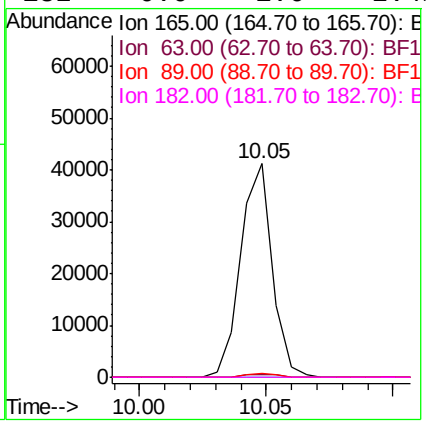


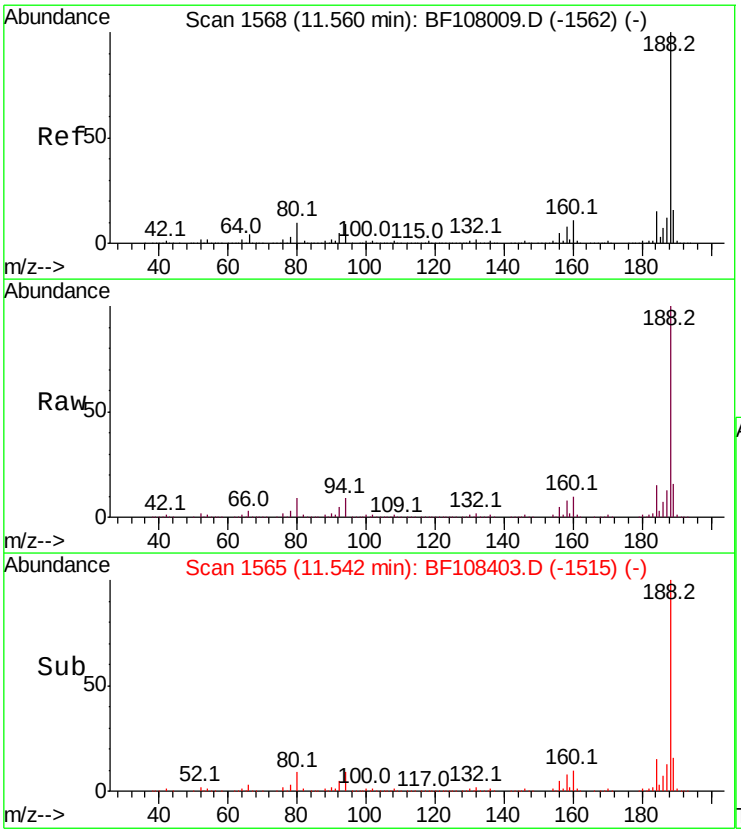
#56
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.19 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35453

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

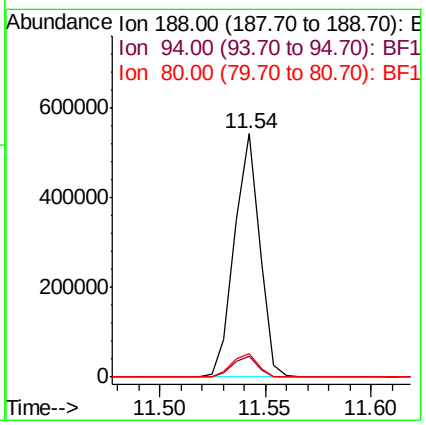


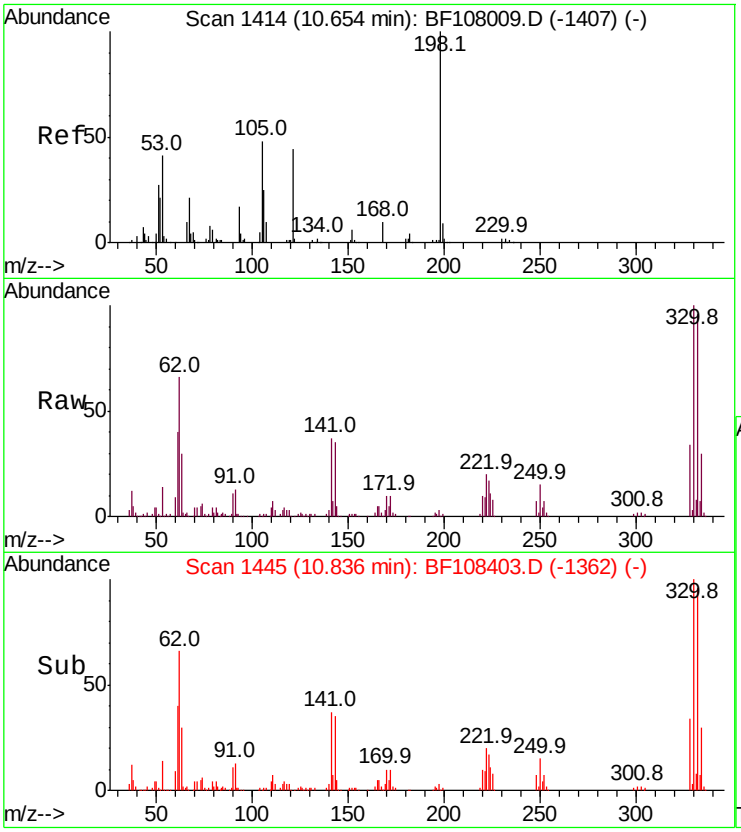


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:188 Resp: 449034

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.5	9.2	13.8



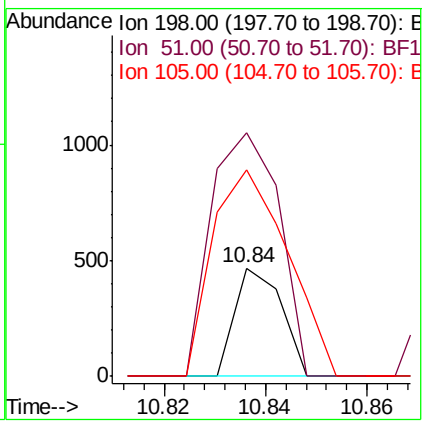


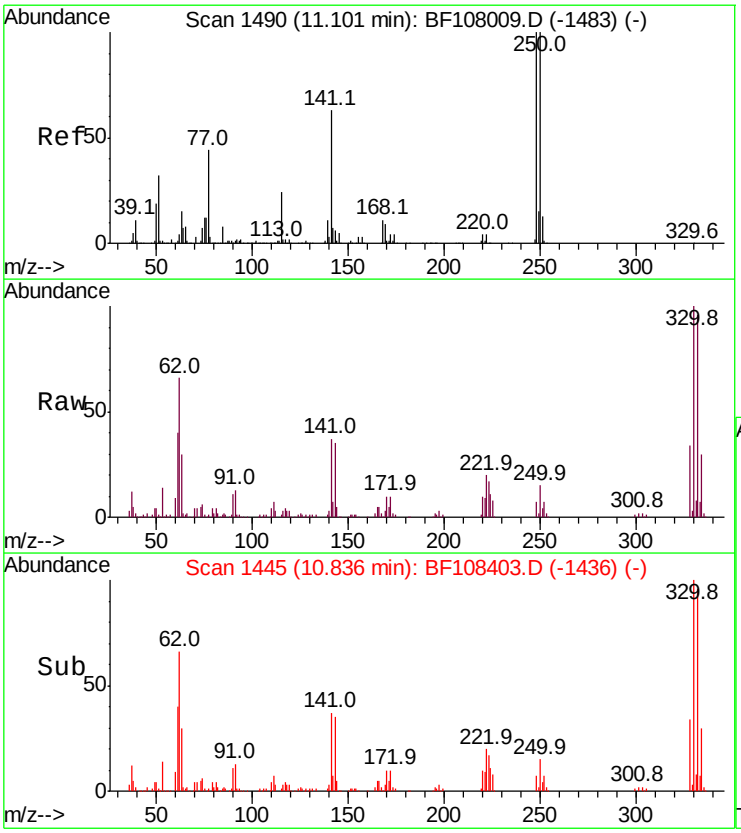
#64
4,6-Dinitro-2-methylphenol
Concen: 5.516 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 298

Ion	Ratio	Lower	Upper
198	100		
51	225.3	37.7	77.7#
105	190.8	36.3	76.3#

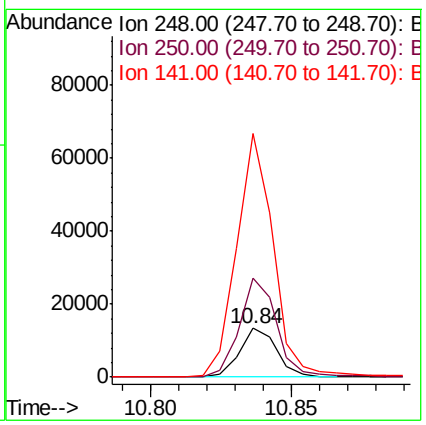


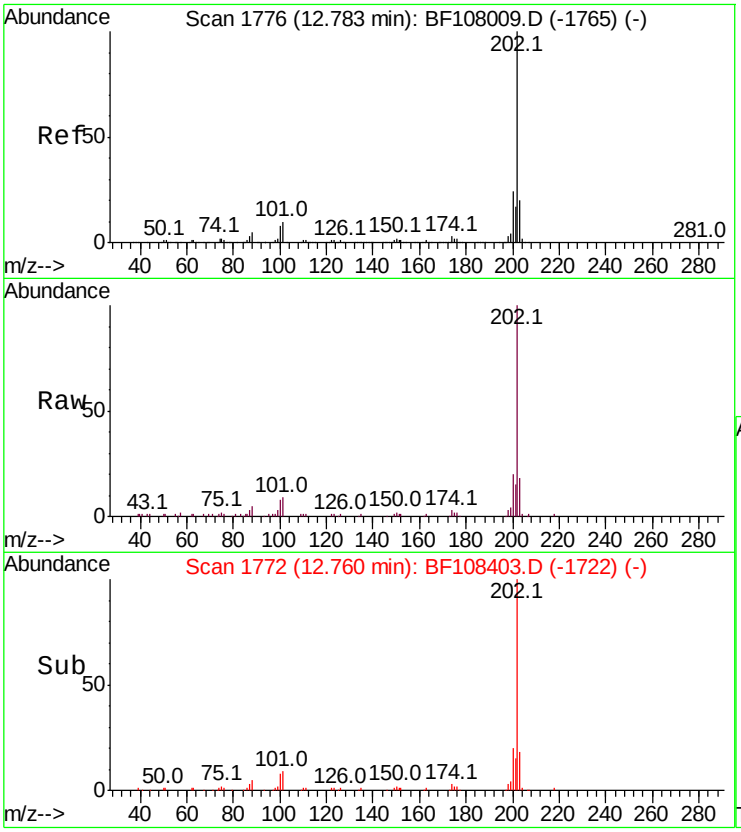


#66
4-Bromophenyl-phenylether
Concen: 2.472 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:248 Resp: 12063

Ion	Ratio	Lower	Upper
248	100		
250	202.1	76.9	115.3#
141	497.4	74.4	111.6#



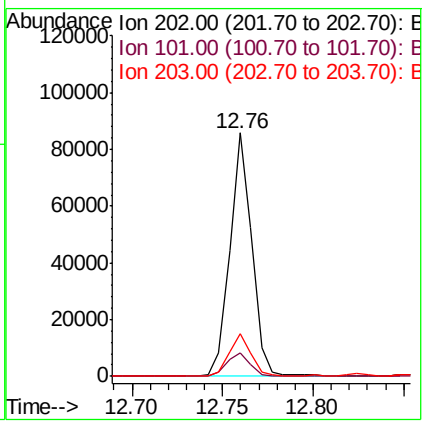


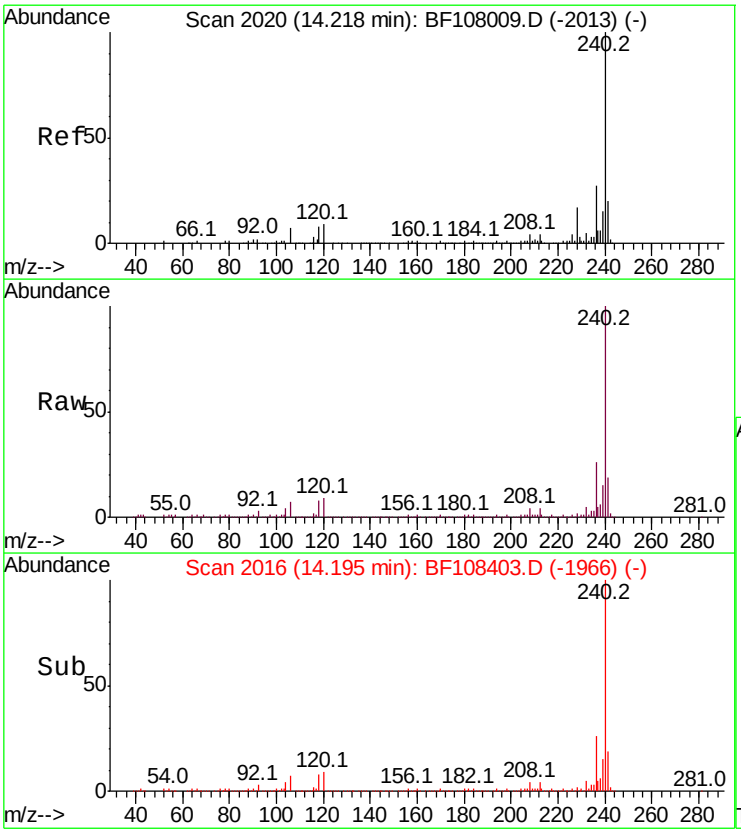
#74
Fluoranthene
Concen: 3.130 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 72345

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.1
203	17.7	0.0	38.1

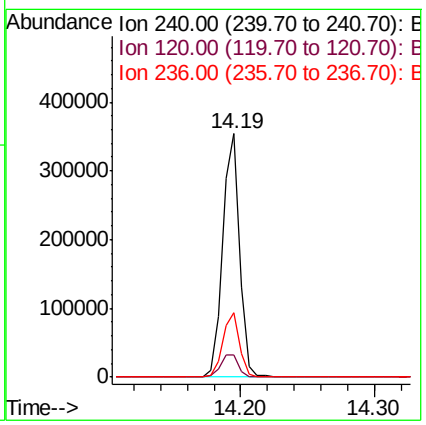


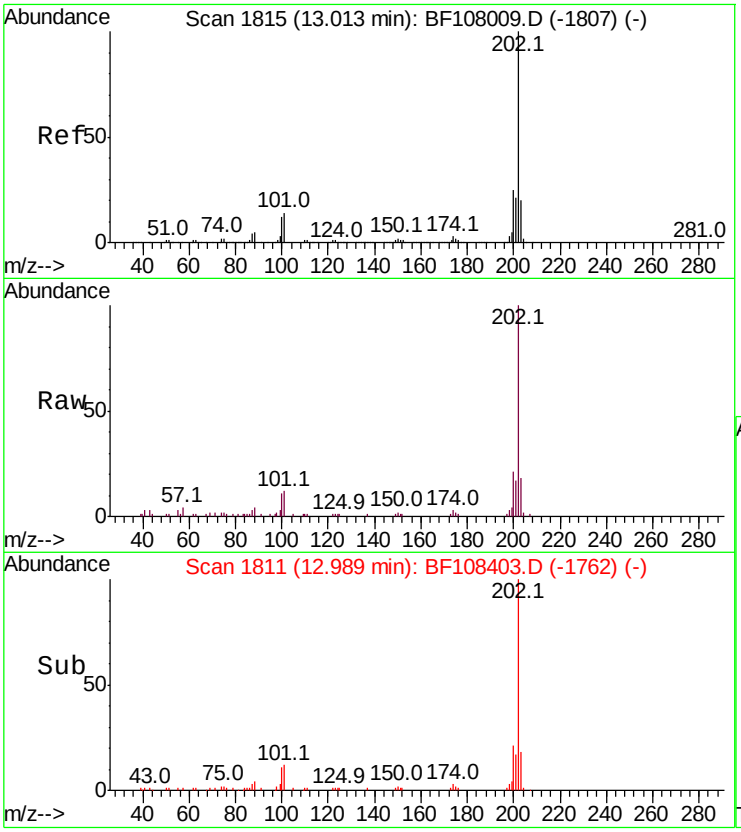


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:240 Resp: 316331

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.3	20.7	31.1



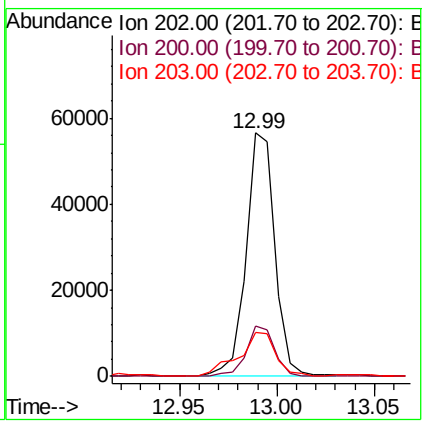


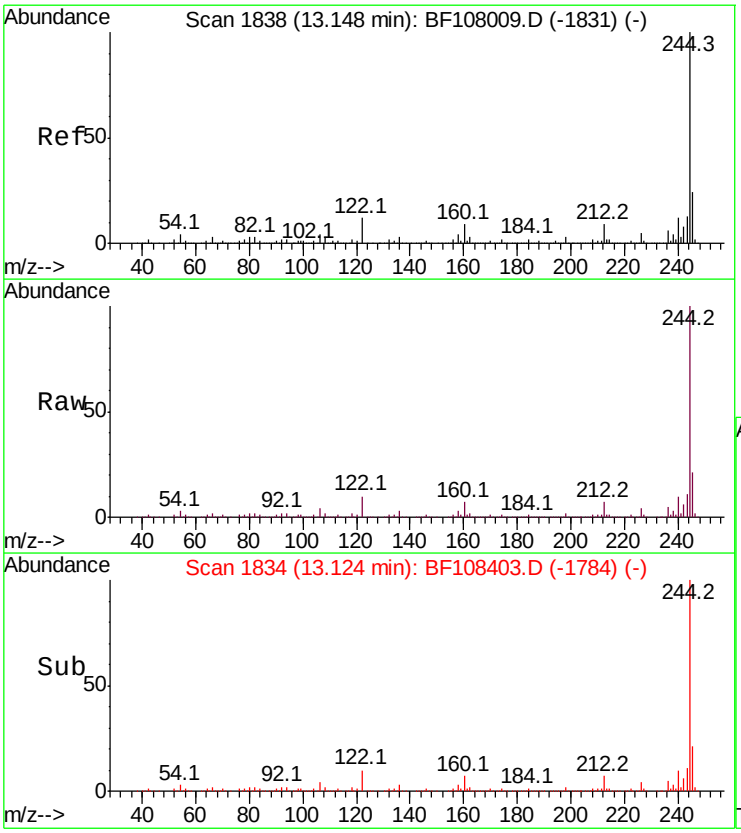
#77
Pyrene
Concen: 2.878 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 57631

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.0	14.3	21.5

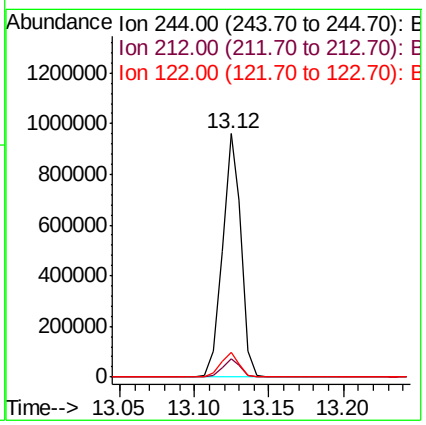


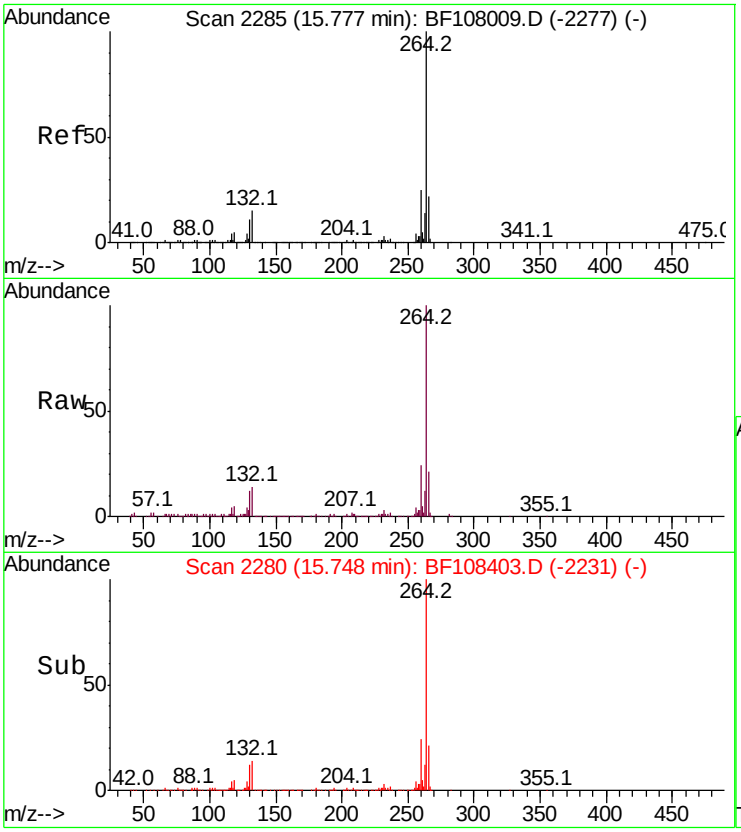


#78
Terphenyl-d14
Concen: 67.698 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:244 Resp: 842254

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.3	11.0	16.4#



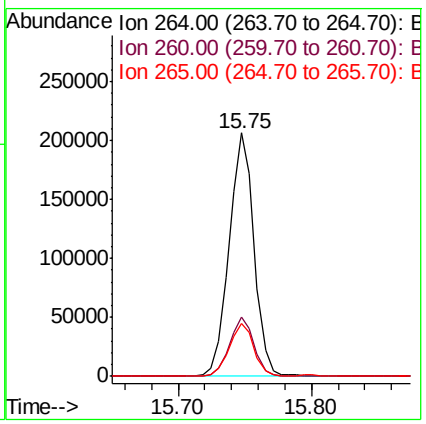


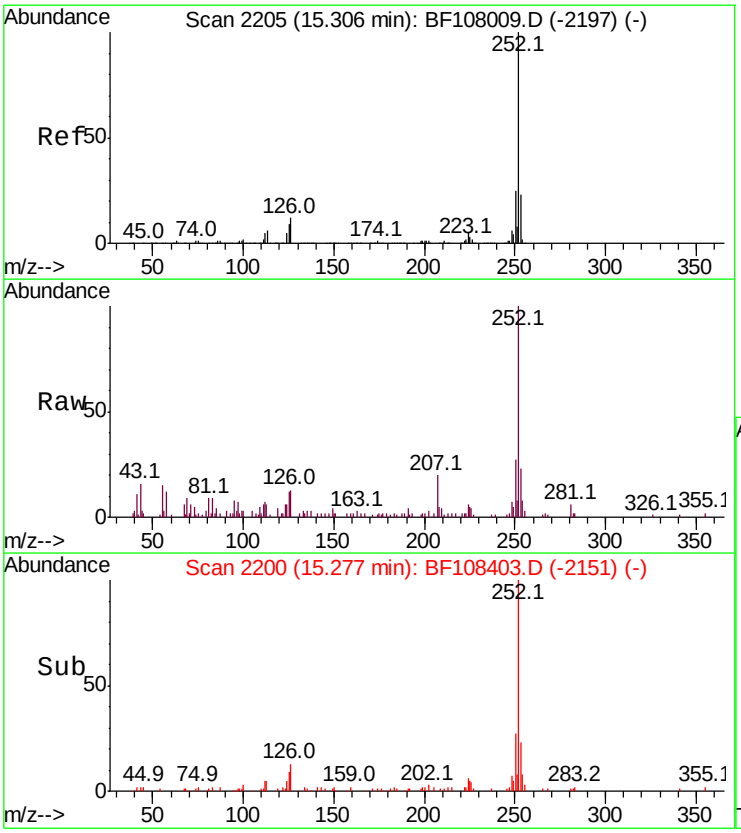
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 269840

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

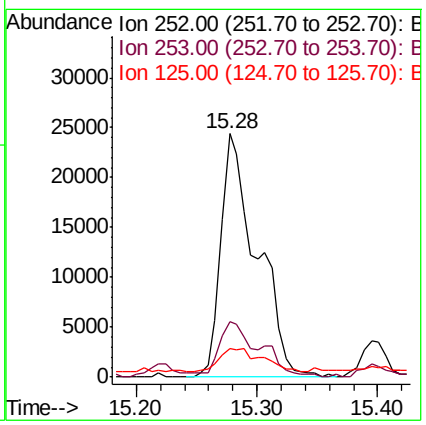


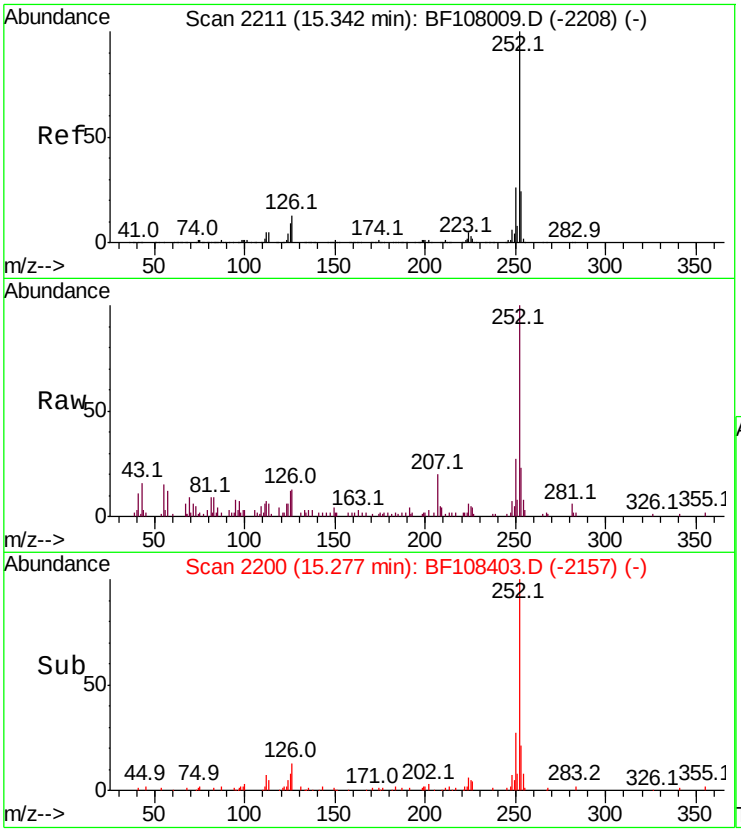


#87
Benzo(b)fluoranthene
Concen: 3.141 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion:252 Resp: 50651

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.6	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 3.417 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50651

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.6	10.2	15.2