Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108511.D
Acq On : 27 Aug 2018 15:35
Operator : JU/SJ
Sample : J4646-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 27 16:16:15 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	124519	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	486660	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	238071	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	412581	20.00	ng	0.00
75) Chrysene-d12	14.19	240	291872	20.00	ng	0.00
86) Perylene-d12	15.75	264	276223	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	450358	65.48	ng	0.00
7) Phenol-d6	6.62	99	619112	67.74	ng	-0.01
23) Nitrobenzene-d5	7.56	82	411387	47.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	153893	64.81	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	778601	52.51	ng	-0.01
78) Terphenyl-d14	13.12	244	588285	51.25	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	53611	8.674	ng	# 84
25) Isophorone	7.56	82	411384	24.748	ng	# 64
49) Dimethylphthalate	9.75	163	90122	5.434	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	30070	8.667	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	30070	6.733	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	131	5.434	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9915	2.211	ng	# 1
74) Fluoranthene	12.76	202	54895	2.585	ng	95
77) Pyrene	12.99	202	52538	2.843	ng	99
87) Benzo(b)fluoranthene	15.28	252	50109	3.036	ng	96
88) Benzo(k)fluoranthene	15.28	252	50109	3.303	ng	98

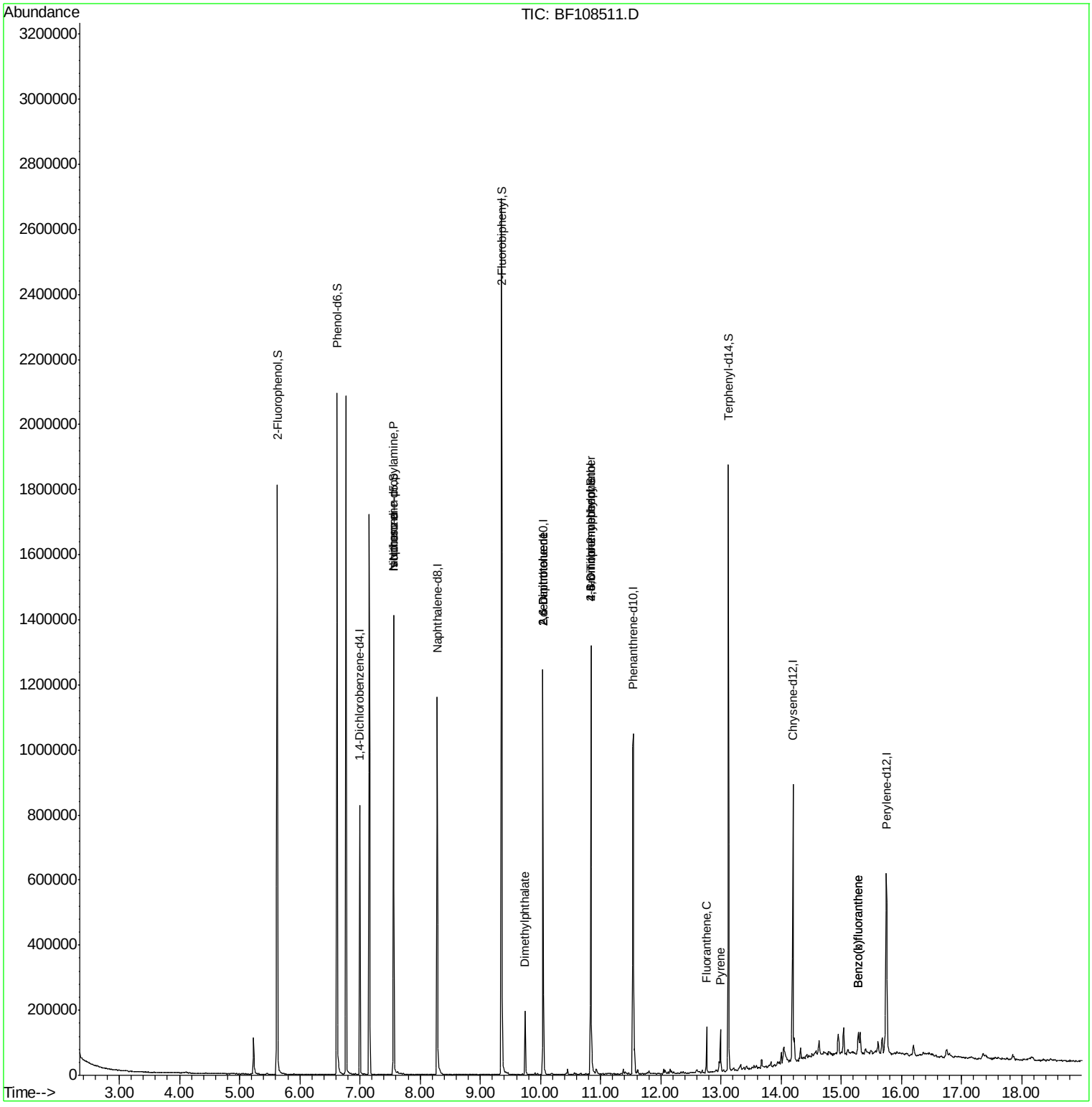
(#) = qualifier out of range (m) = manual integration (+) = signals summed

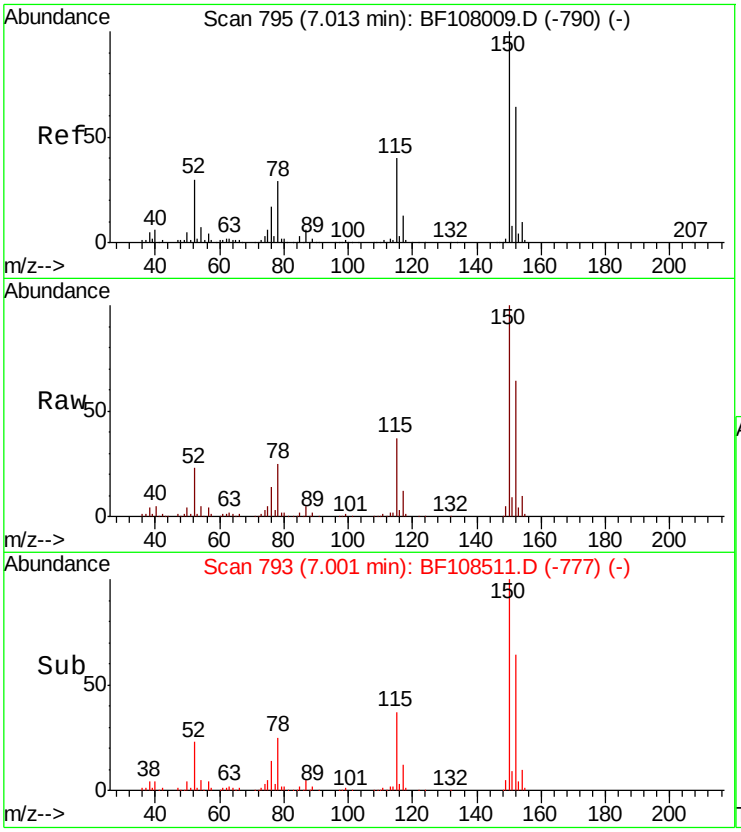
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108511.D
Acq On : 27 Aug 2018 15:35
Operator : JU/SJ
Sample : J4646-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 27 16:16:15 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



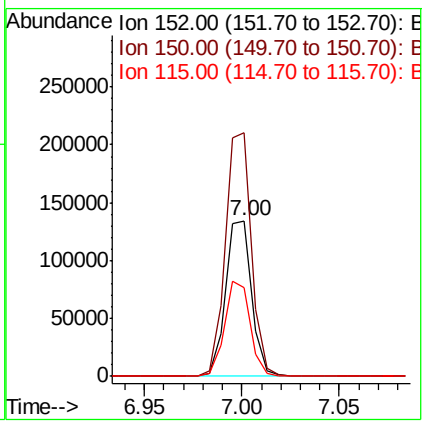


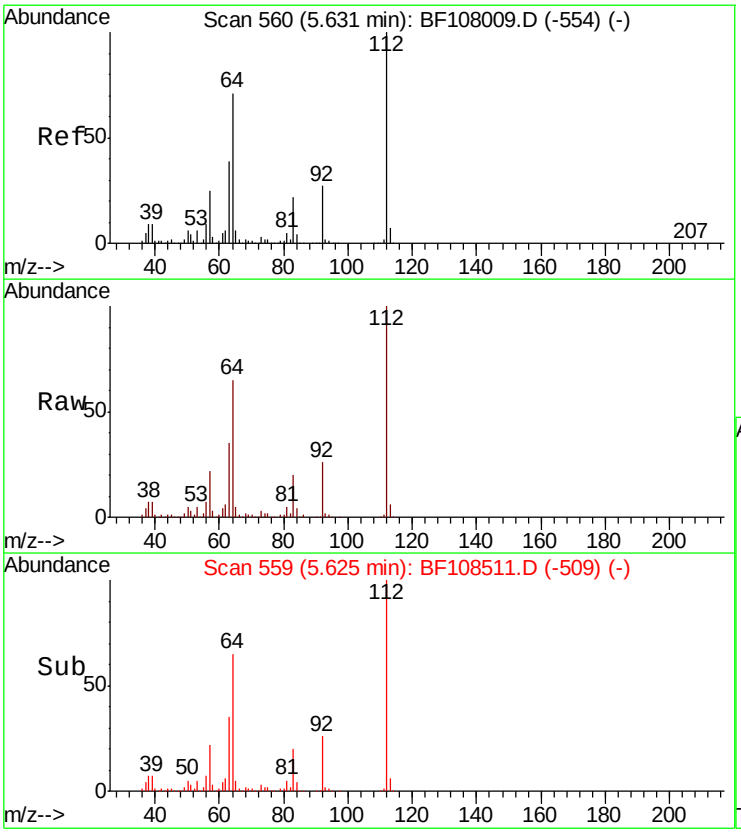
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124519

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	57.3	50.1	75.1

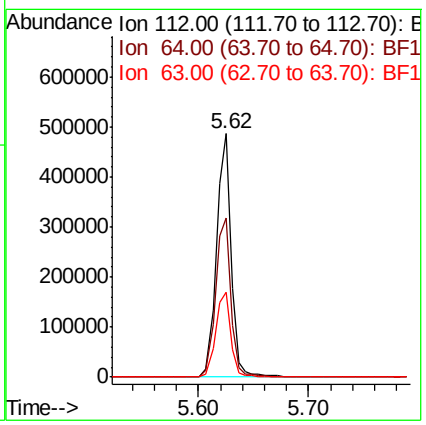


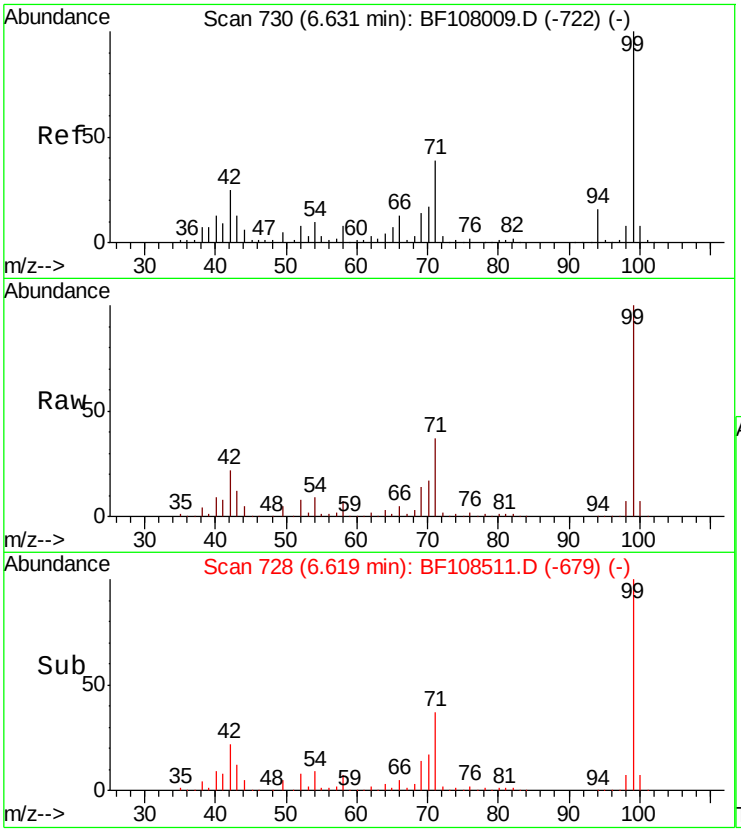


#5
2-Fluorophenol
Concen: 65.480 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:112 Resp: 450358

Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	34.7	23.7	35.5



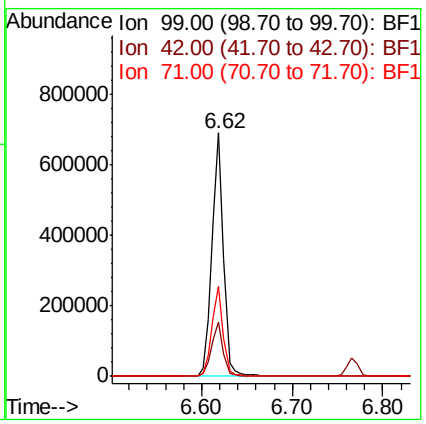


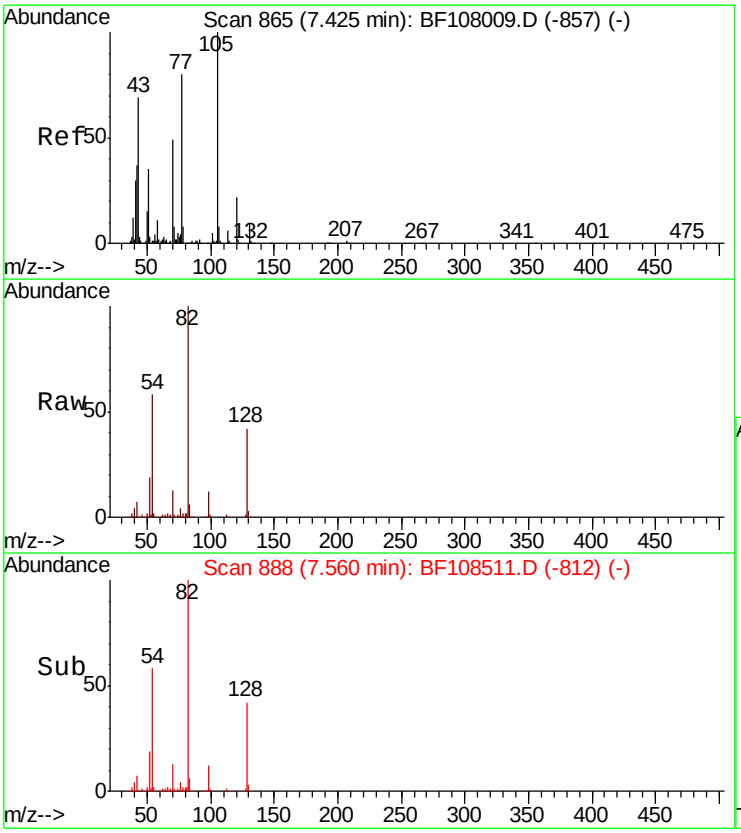
#7
Phenol-d6
Concen: 67.739 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 619112

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	37.1	25.4	38.0

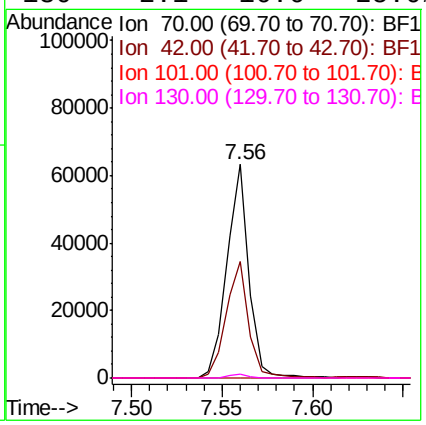


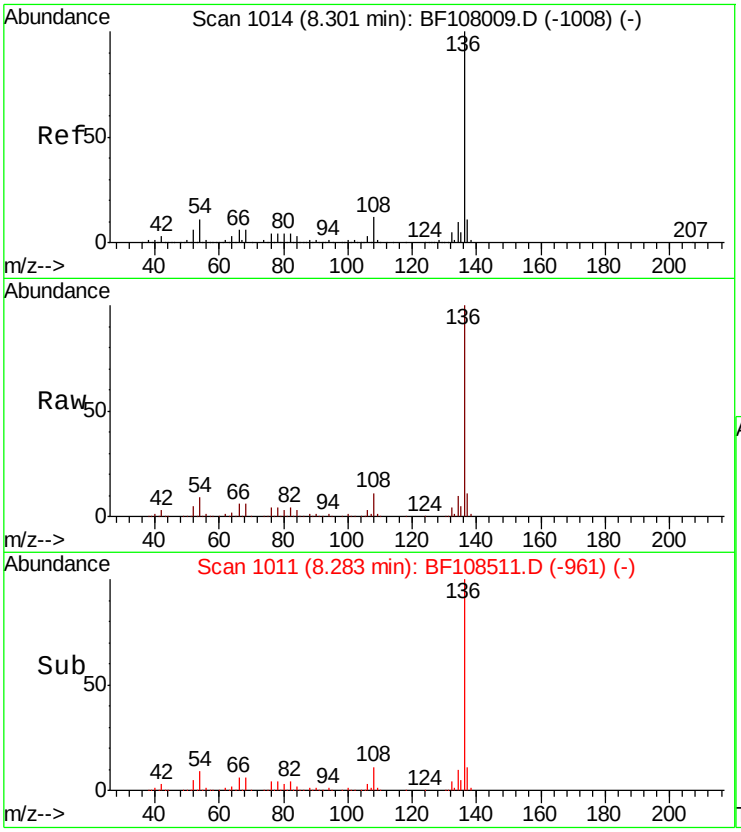


#19
n-Nitroso-di-n-propylamine
Concen: 8.674 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion: 70 Resp: 53611

Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



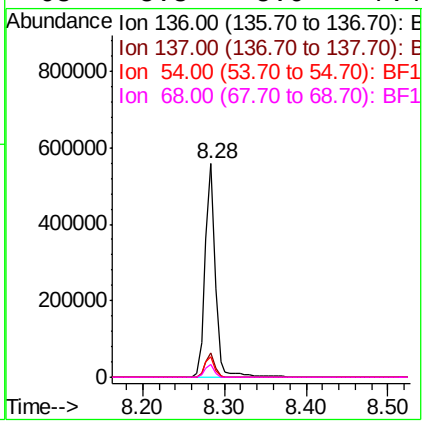


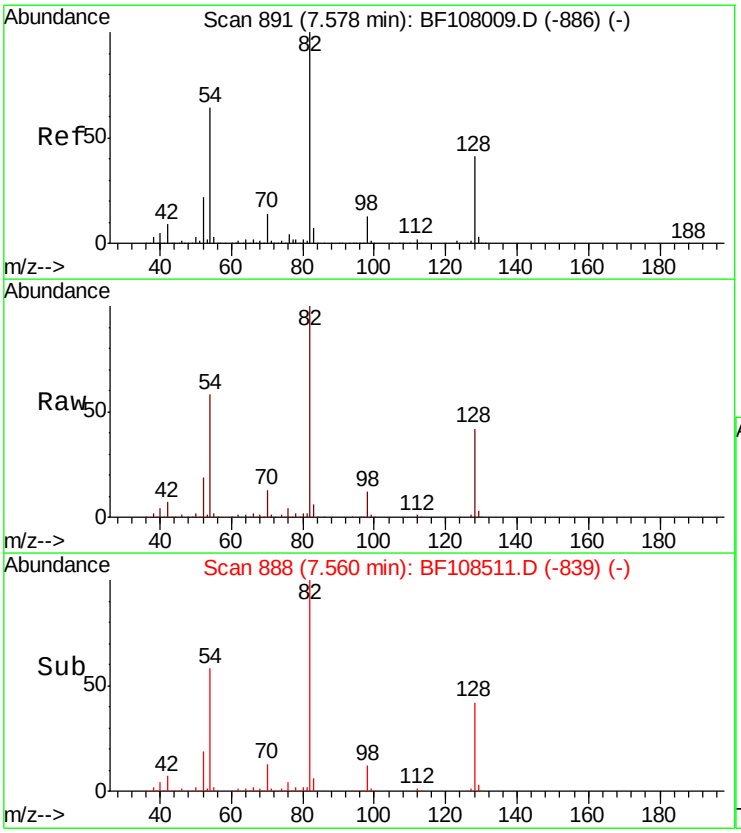
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 486660

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.4	6.6	9.8
68	5.8	5.0	7.4

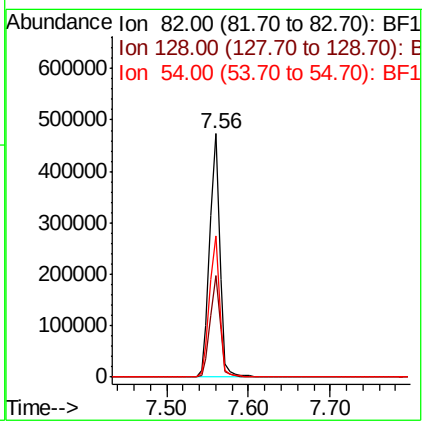


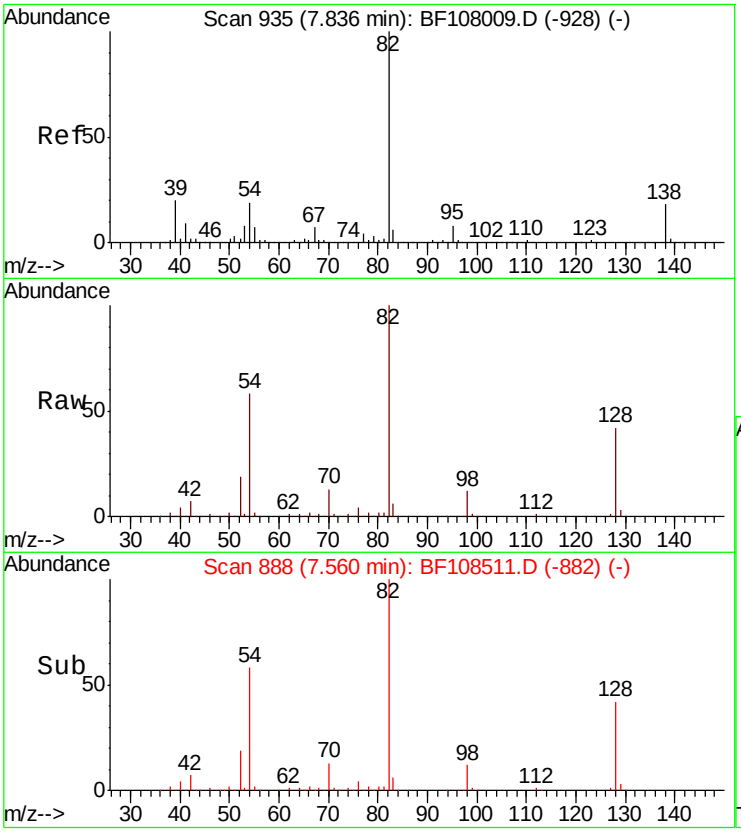


#23
Nitrobenzene-d5
Concen: 47.170 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion: 82 Resp: 411387

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	57.8	41.4	62.2



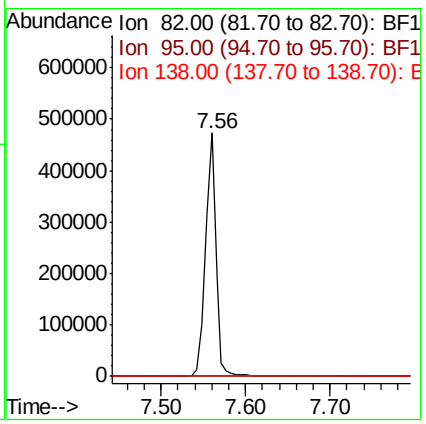


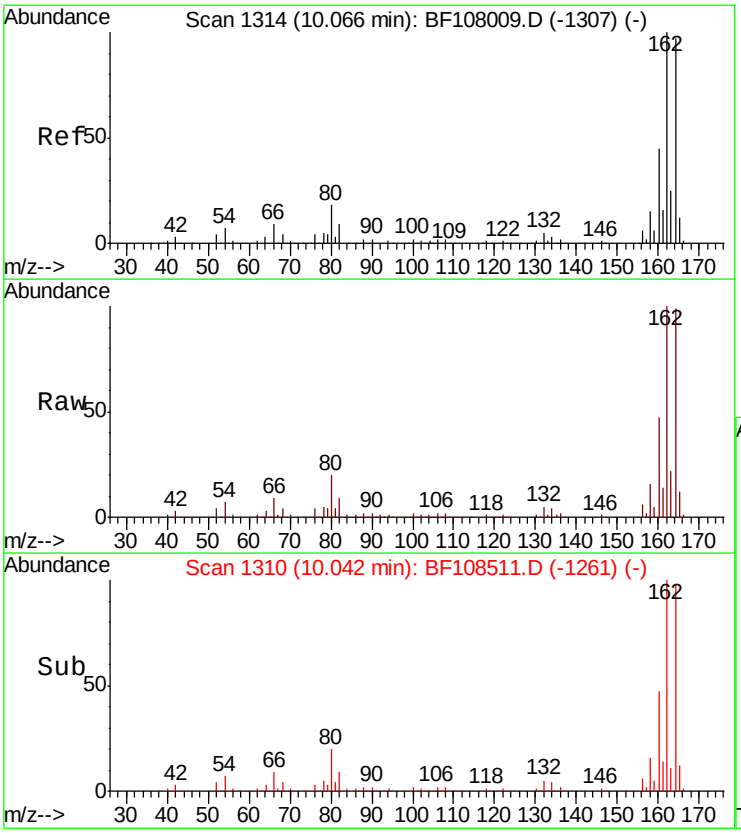
#25
Isophorone
Concen: 24.748 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 411384

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

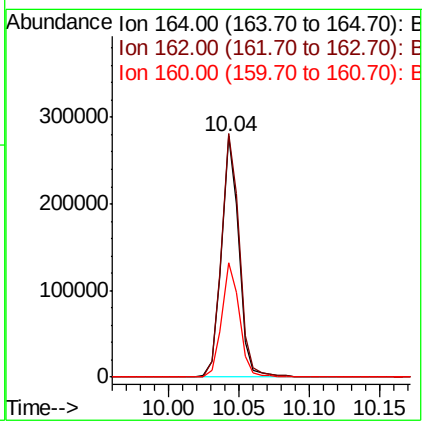


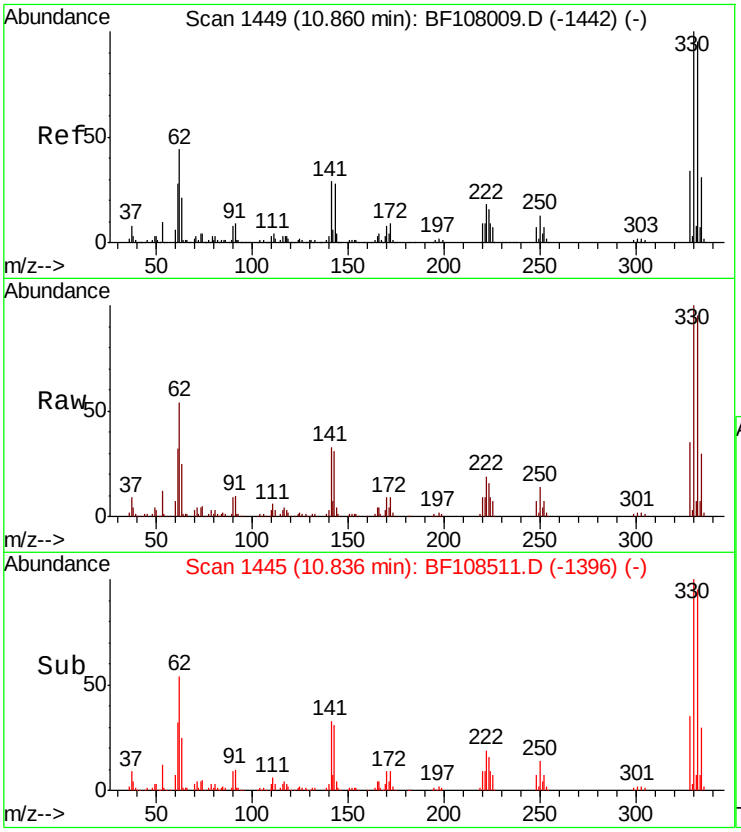


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:164 Resp: 238071

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	47.2	38.3	57.5



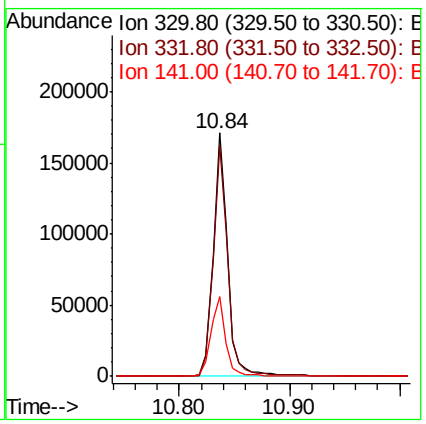


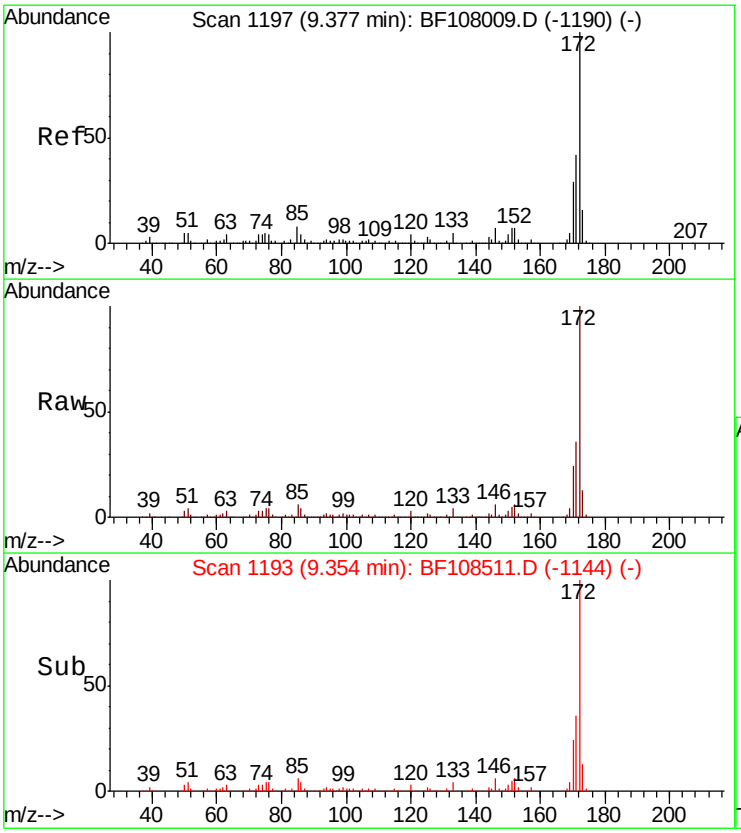
#41
2,4,6-Tribromophenol
Concen: 64.805 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 153893

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.4	29.9	44.9

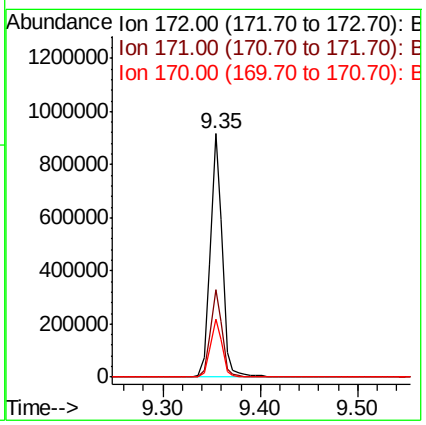


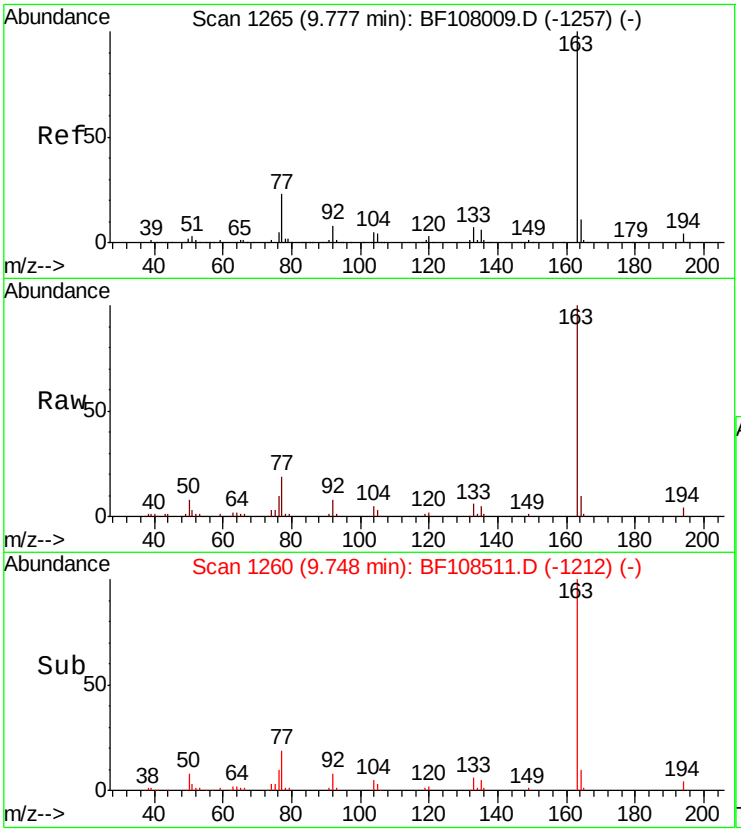


#44
2-Fluorobiphenyl
Concen: 52.506 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:172 Resp: 778601

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4



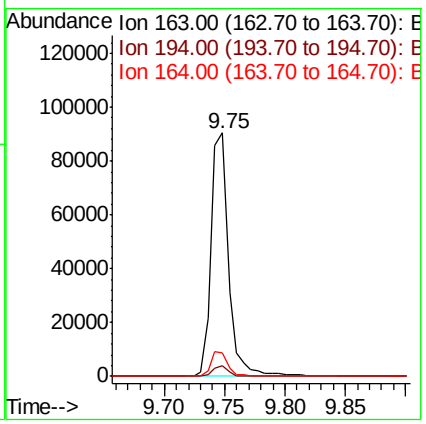


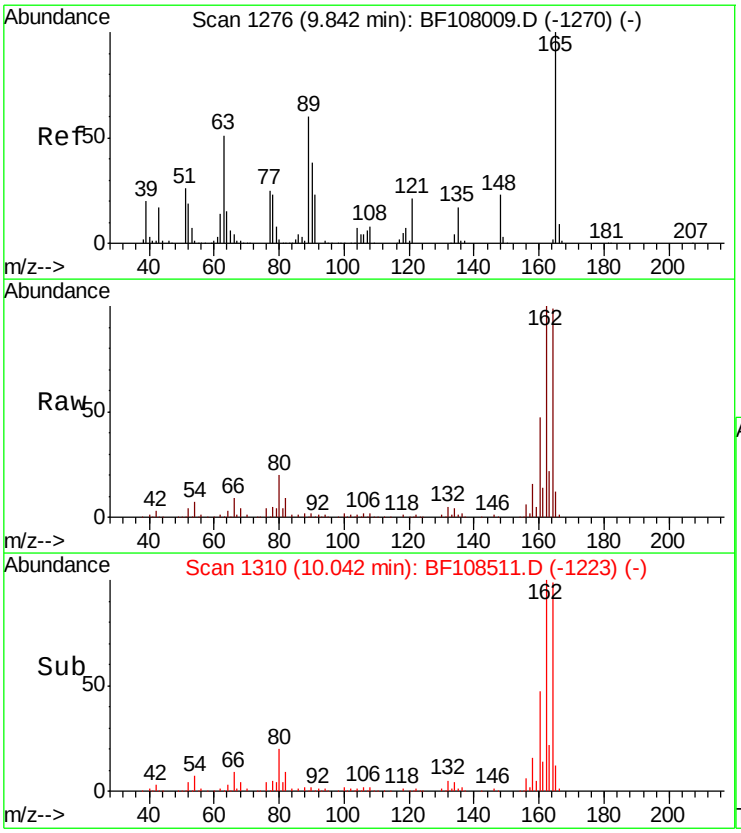
#49
Dimethylphthalate
Concen: 5.434 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 90122

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.6	8.2	12.2

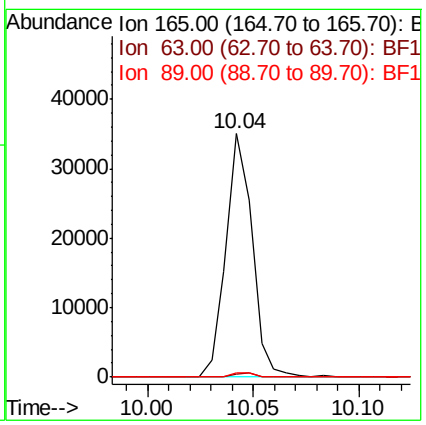


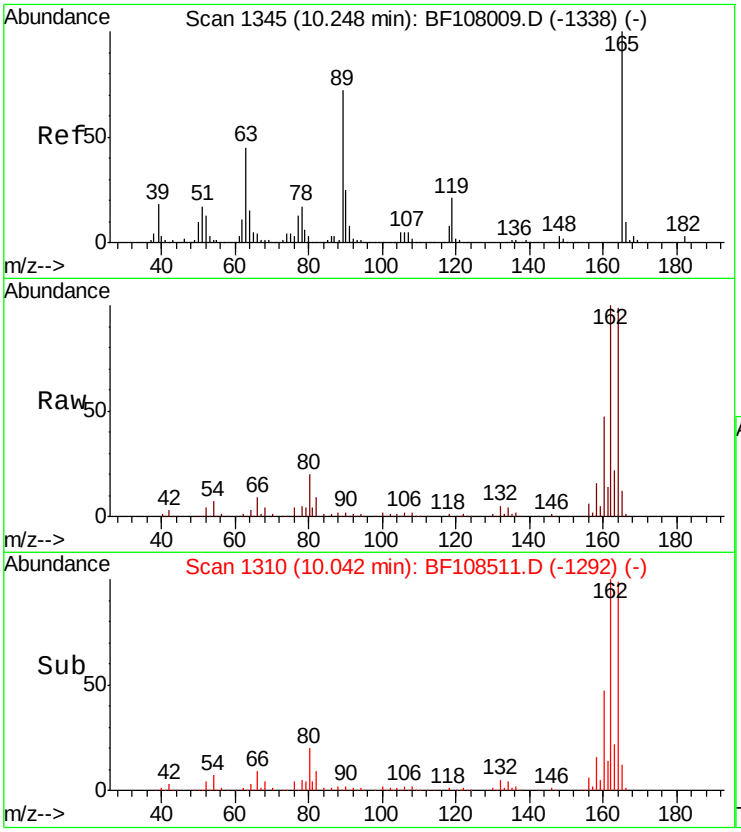


#50
2,6-Dinitrotoluene
Concen: 8.667 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:165 Resp: 30070

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.9	44.0	66.0#



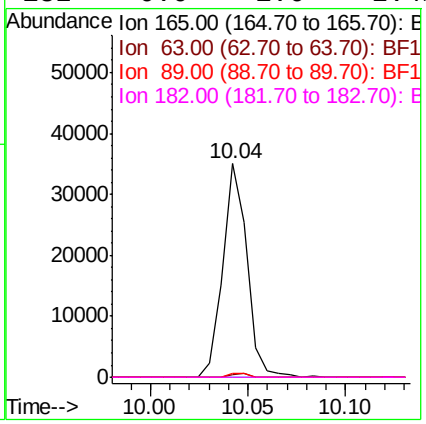


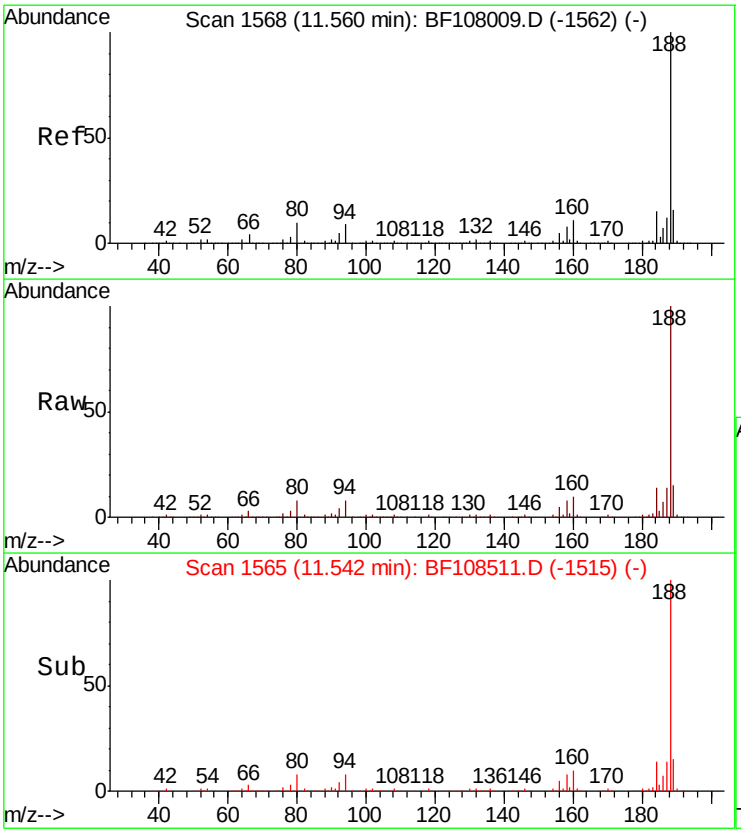
#56
2,4-Dinitrotoluene
Concen: 6.733 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30070

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

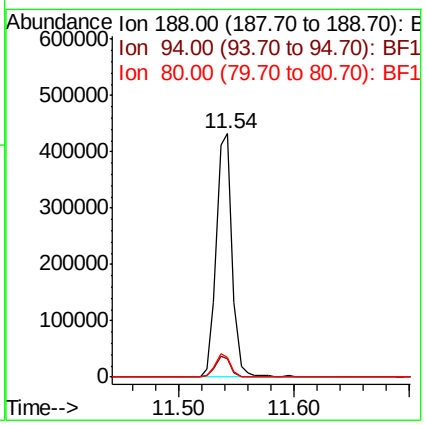


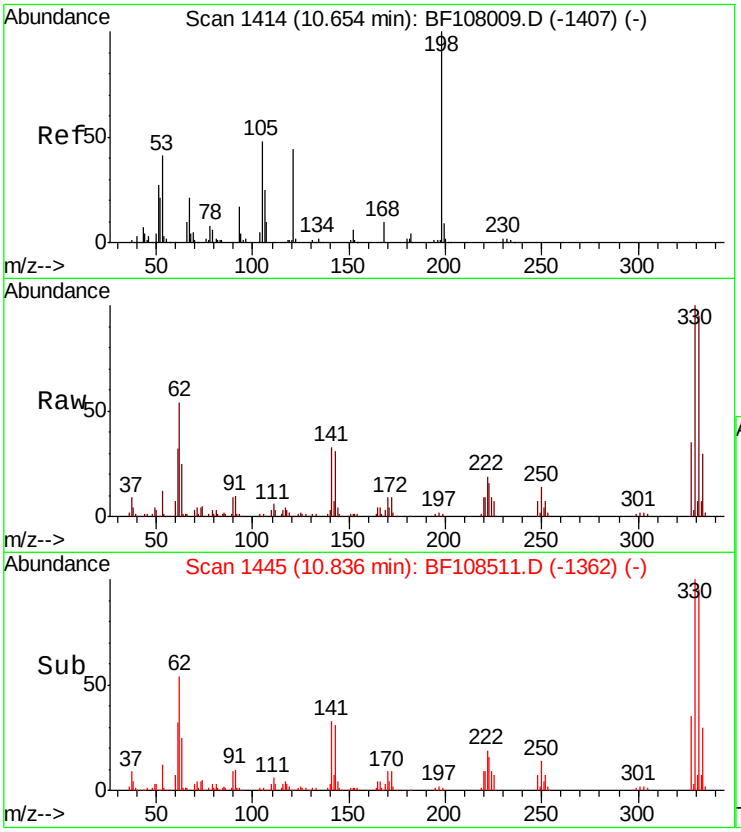


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:188 Resp: 412581

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.1	9.2	13.8#



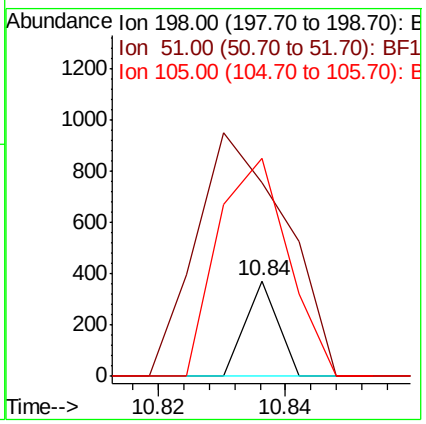


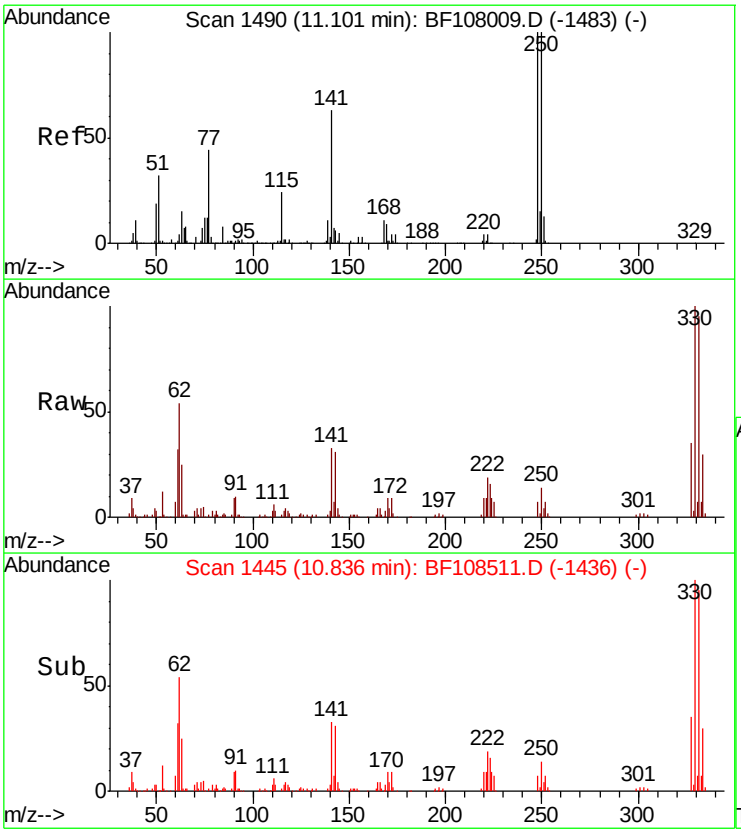
#64
4,6-Dinitro-2-methylphenol
Concen: 5.434 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	203.2	37.7	77.7#
105	228.5	36.3	76.3#

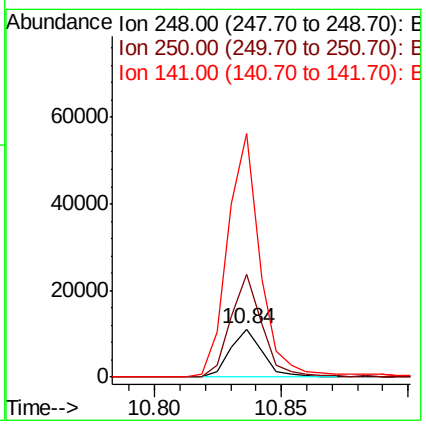


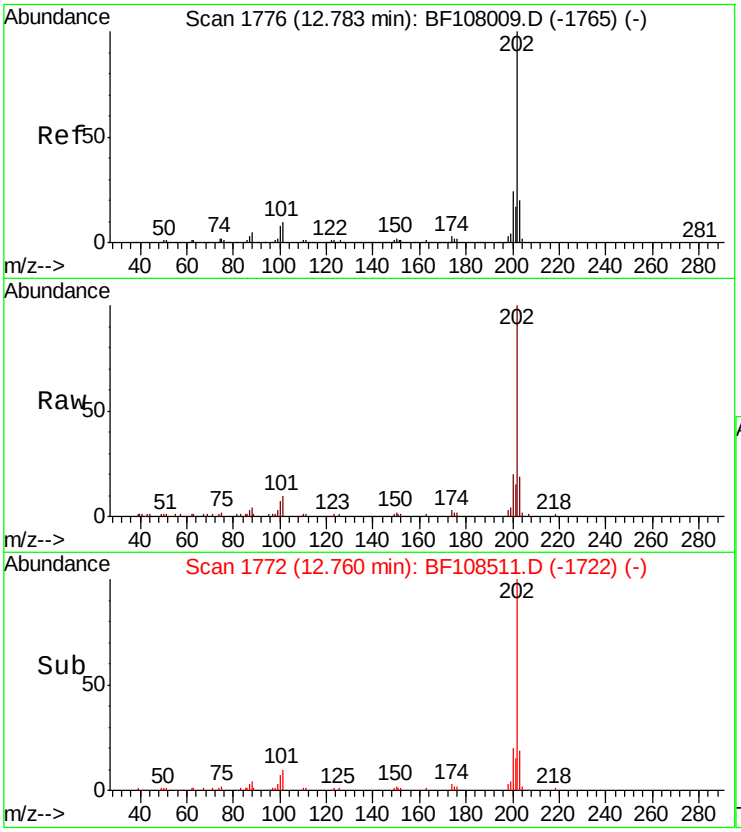


#66
4-Bromophenyl-phenylether
Concen: 2.211 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:248 Resp: 9915

Ion	Ratio	Lower	Upper
248	100		
250	214.1	76.9	115.3#
141	504.1	74.4	111.6#



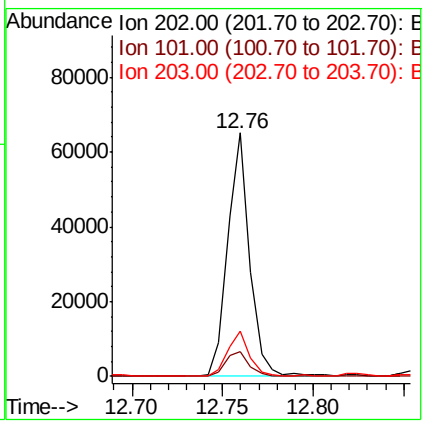


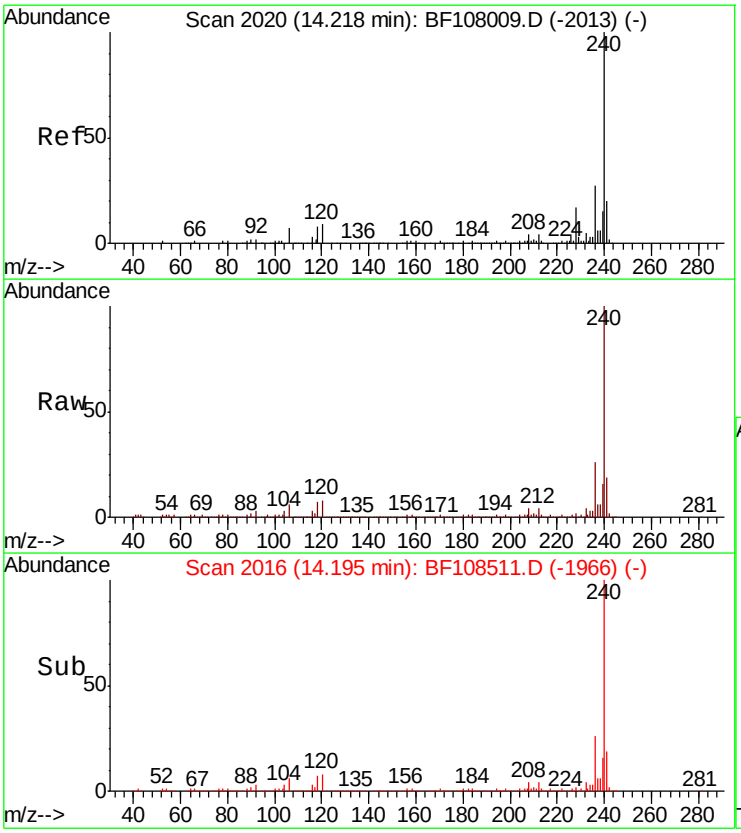
#74
Fluoranthene
Concen: 2.585 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 54895

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	18.6	0.0	38.1

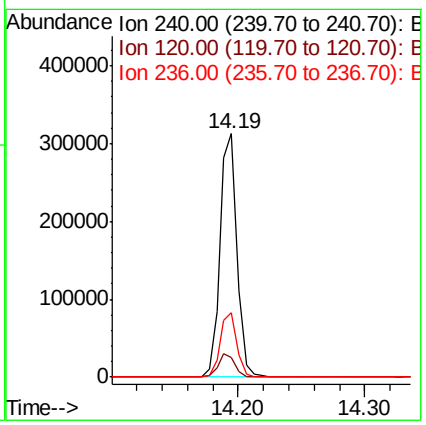


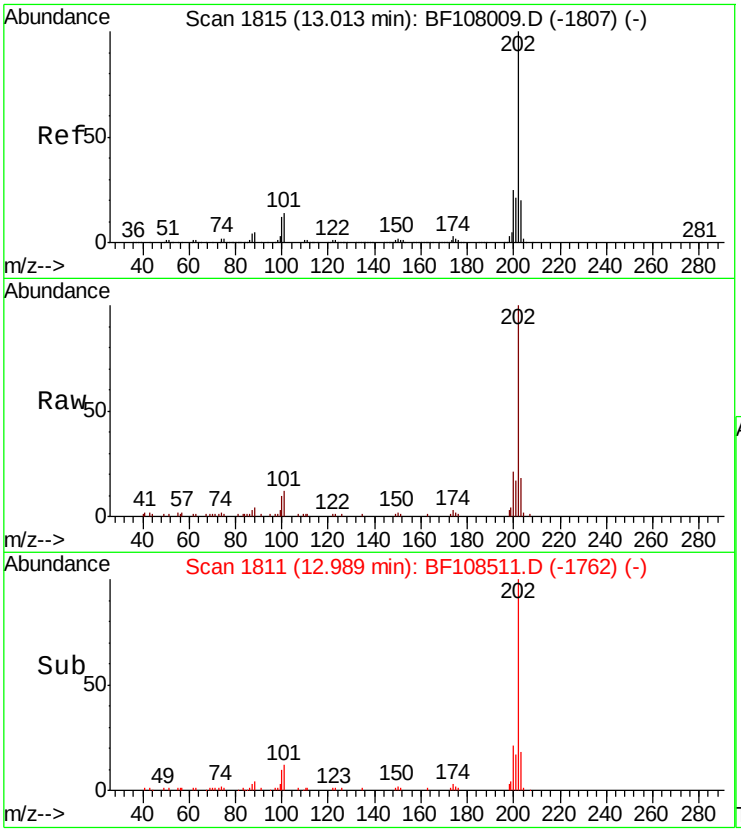


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:240 Resp: 291872

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	26.3	20.7	31.1



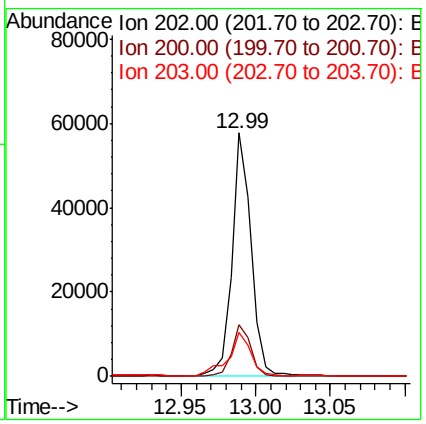


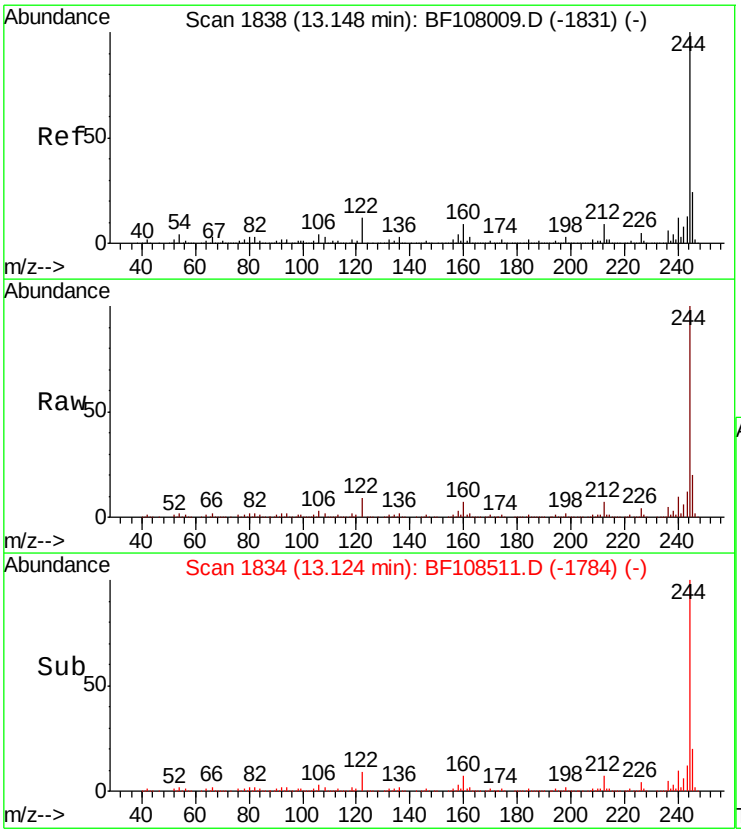
#77
Pyrene
Concen: 2.843 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52538

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

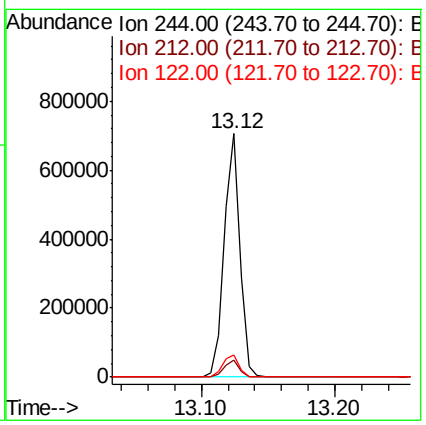


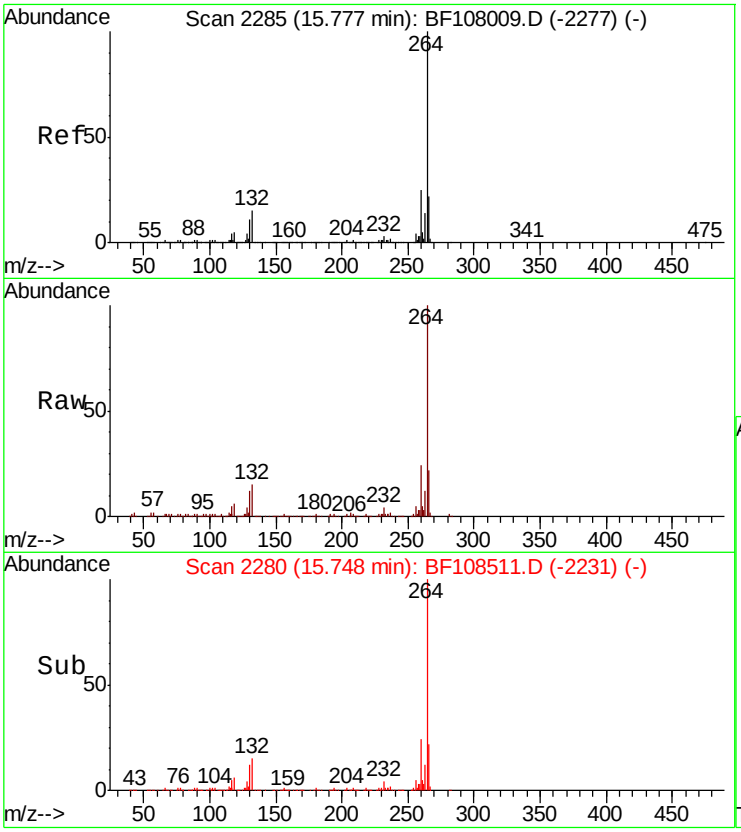


#78
Terphenyl-d14
Concen: 51.247 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:244 Resp: 588285

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.2	11.0	16.4#



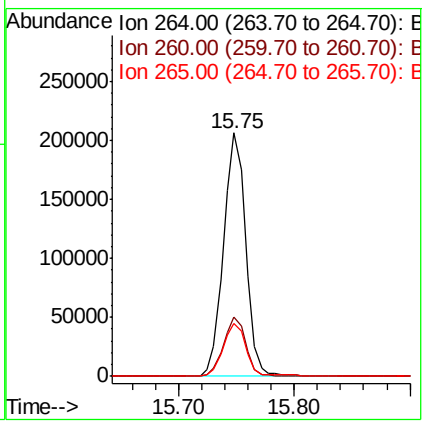


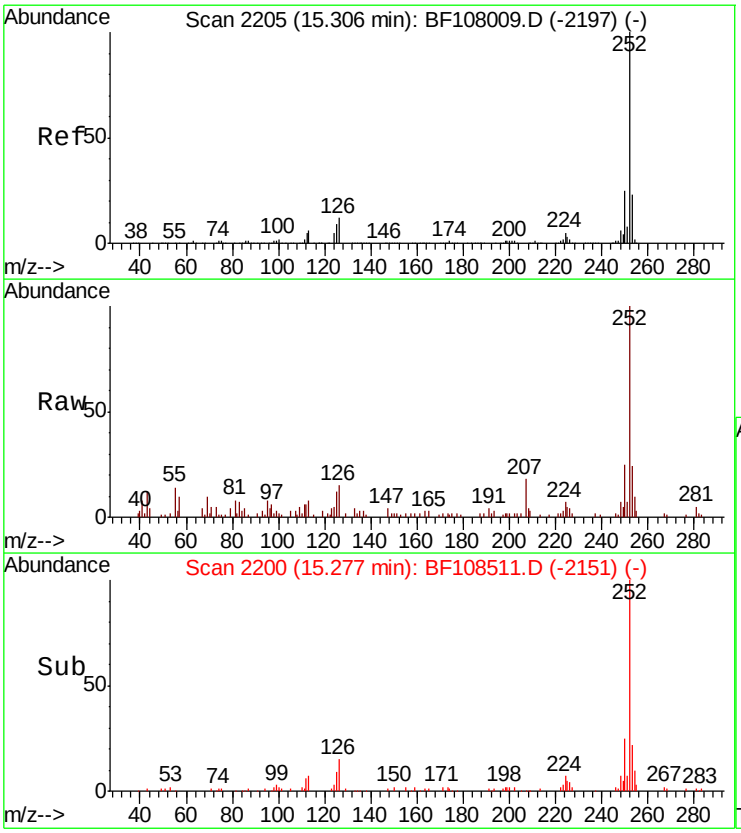
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 276223

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3

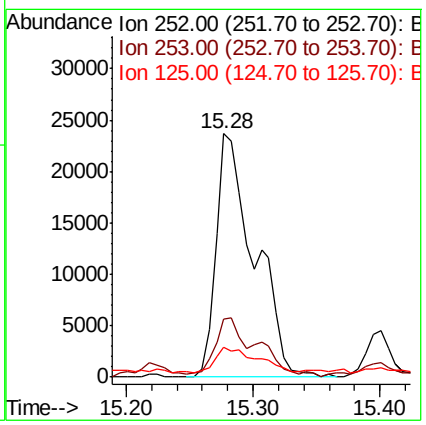


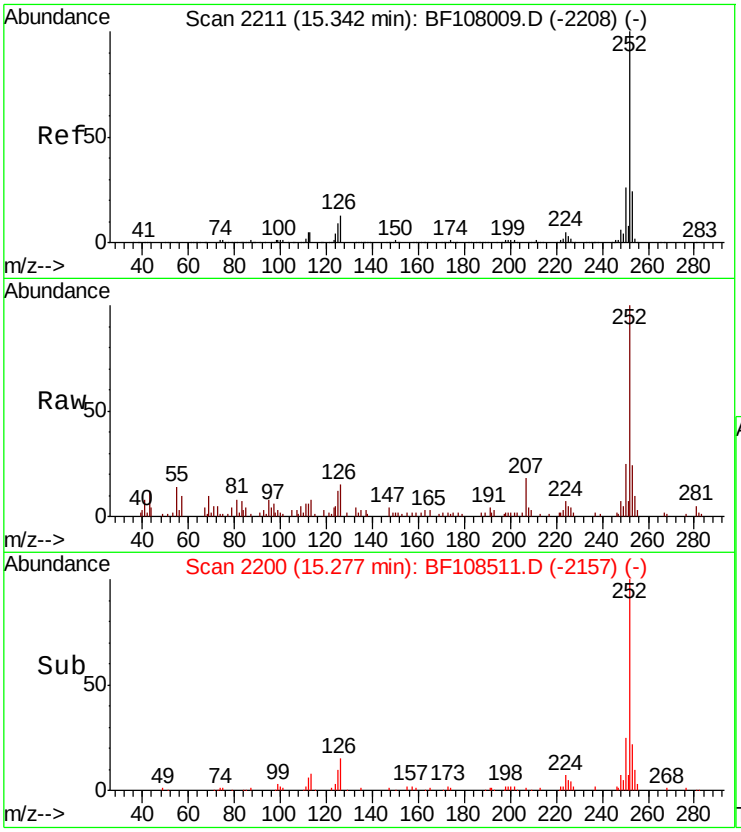


#87
Benzo(b)fluoranthene
Concen: 3.036 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Tgt Ion:252 Resp: 50109

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	12.3	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 3.303 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108511.D
Acq: 27 Aug 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50109

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	12.3	10.2	15.2