Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108218.D
Acq On : 17 Aug 2018 1:53
Operator : JU/SJ
Sample : J4501-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081318-FL-017

Quant Time: Aug 17 04:09:25 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	152109	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	523021	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	223783	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	401636	20.00	ng	0.00
75) Chrysene-d12	14.21	240	414988	20.00	ng	0.00
86) Perylene-d12	15.77	264	280524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	925963	110.21	ng	0.01
7) Phenol-d6	6.64	99	1174782	105.22	ng	0.00
23) Nitrobenzene-d5	7.58	82	771355	82.30	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	250908	112.40	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1198080	85.95	ng	0.00
78) Terphenyl-d14	13.14	244	1180526	72.33	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	104047	13.781	ng	# 84
25) Isophorone	7.58	82	771343	43.176	ng	# 64
49) Dimethylphthalate	9.76	163	77709	4.985	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	29393	9.012	ng	# 26
55) 4-Nitrophenol	10.27	139	7393	2.736	ng	# 12
56) 2,4-Dinitrotoluene	10.06	165	29393	7.002	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	479	5.641	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	16874	3.866	ng	# 1
70) Phenanthrene	11.58	178	325679	17.192	ng	99
71) Anthracene	11.63	178	75147	3.870	ng	99
74) Fluoranthene	12.78	202	431197	20.856	ng	95
77) Pyrene	13.01	202	382977	14.577	ng	99
80) Benzo(a)anthracene	14.20	228	184871	7.762	ng	99
82) Chrysene	14.24	228	168673	7.725	ng	99
87) Benzo(b)fluoranthene	15.30	252	209891	12.521	ng	98
88) Benzo(k)fluoranthene	15.30	252	209891	13.622	ng	98
89) Benzo(a)pyrene	15.70	252	104526	6.964	ng	97
91) Benzo(g,h,i)perylene	17.88	276	50190	4.104	ng	94

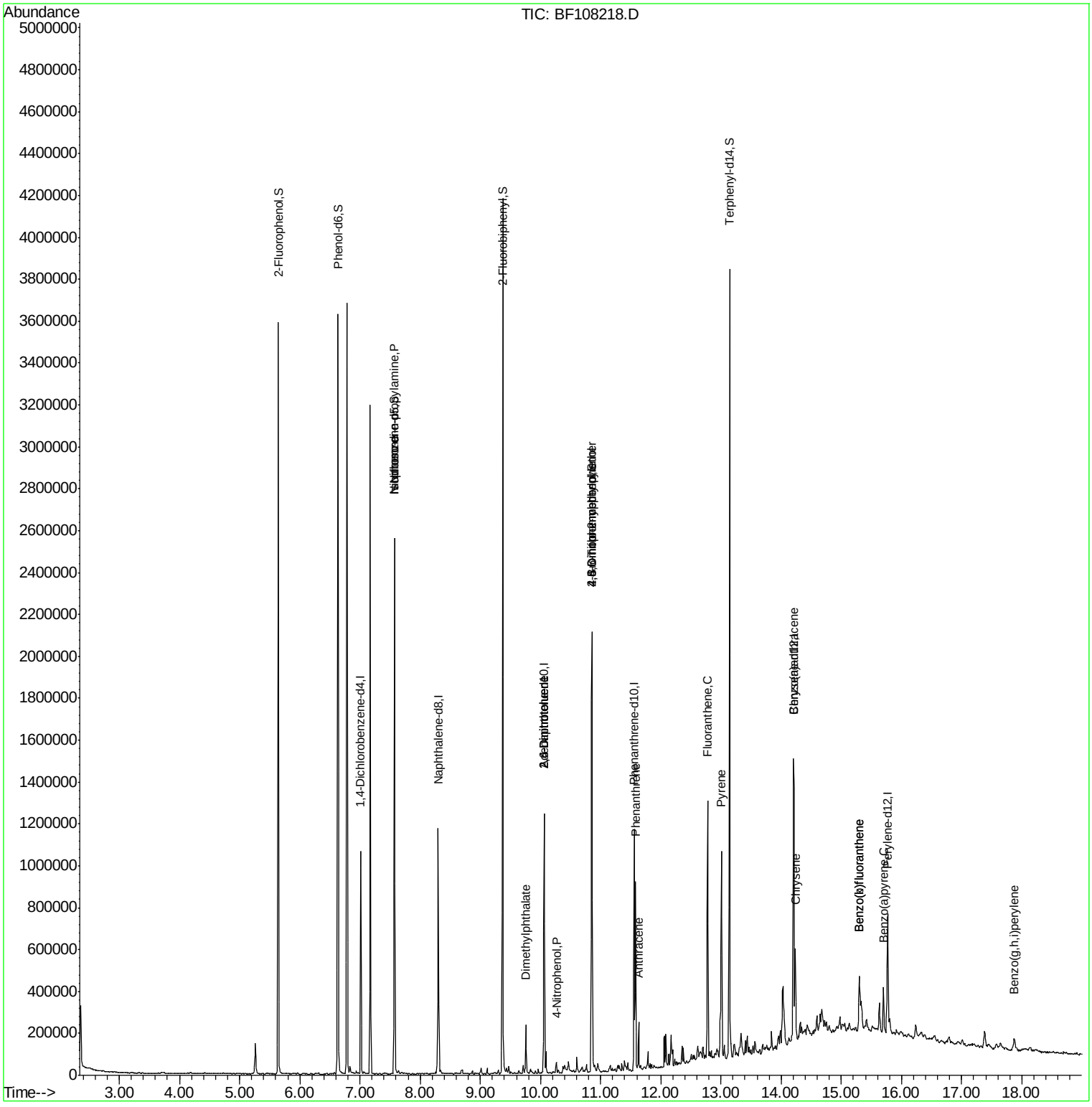
(#) = qualifier out of range (m) = manual integration (+) = signals summed

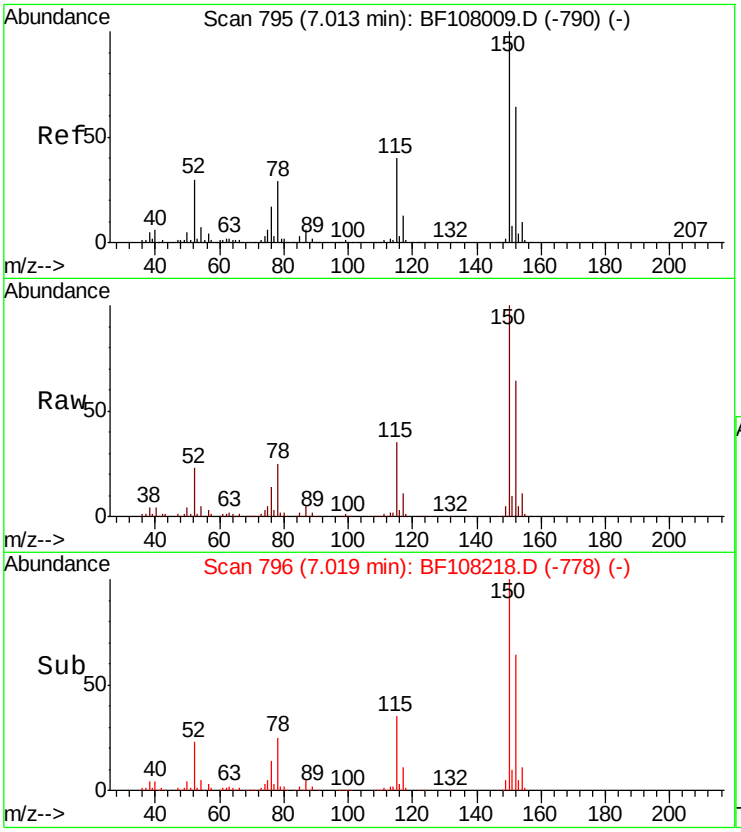
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108218.D
Acq On : 17 Aug 2018 1:53
Operator : JU/SJ
Sample : J4501-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Quant Time: Aug 17 04:09:25 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 08 12:24:24 2018
Response via : Initial Calibration



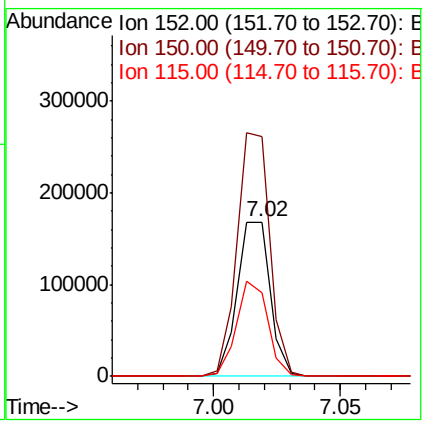


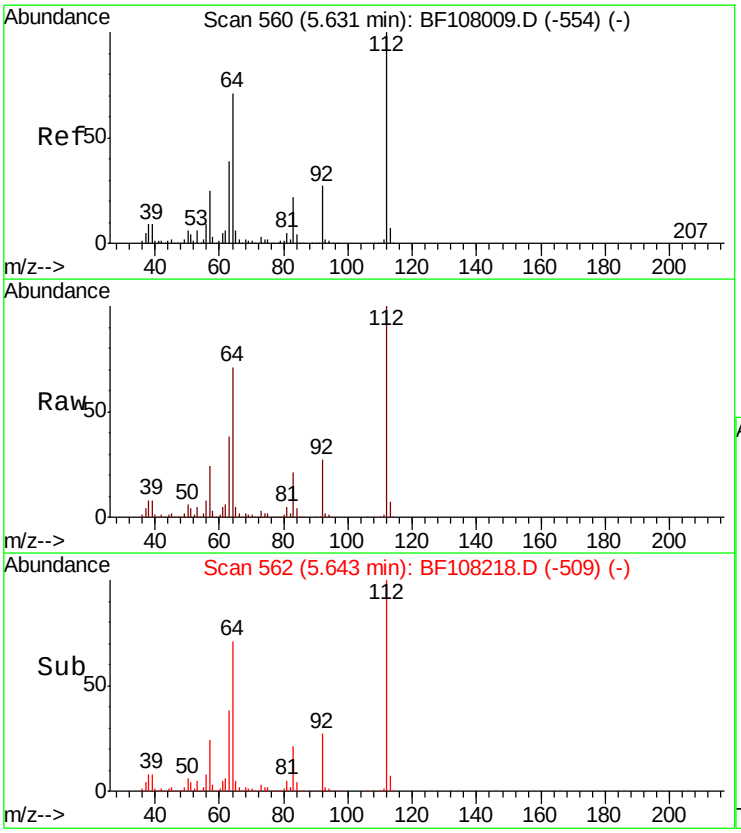
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:152 Resp: 152109

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	54.3	50.1	75.1

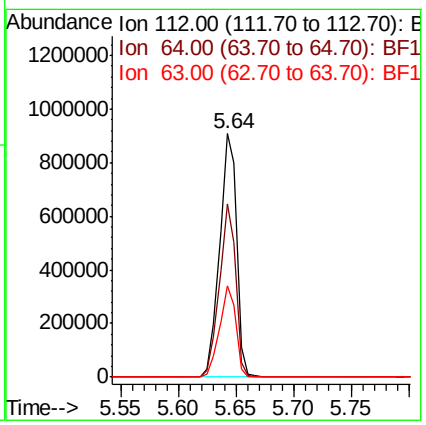


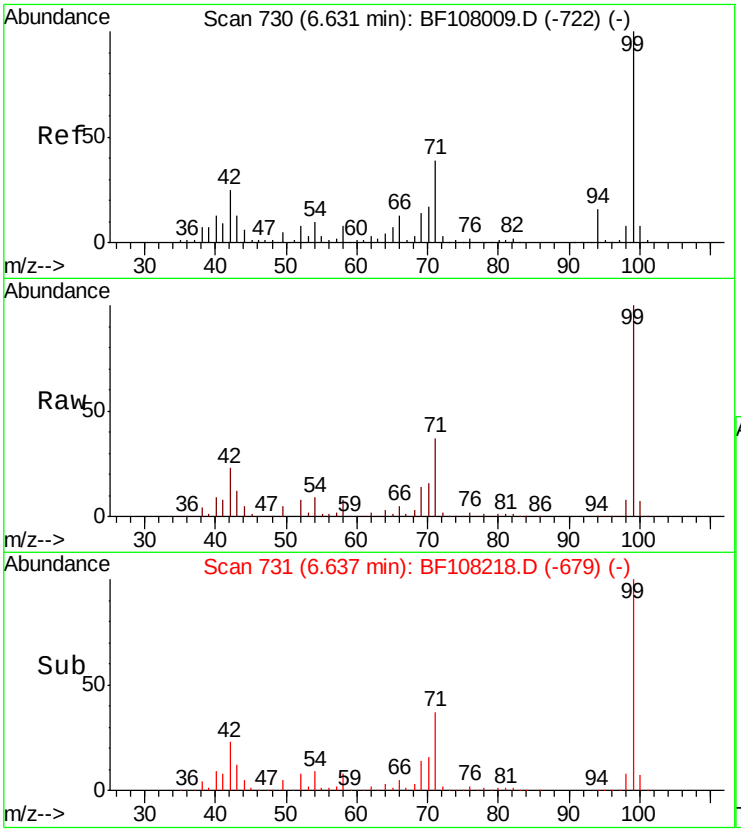


#5
2-Fluorophenol
Concen: 110.211 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:112 Resp: 925963

Ion	Ratio	Lower	Upper
112	100		
64	71.0	47.9	71.9
63	37.6	23.7	35.5#



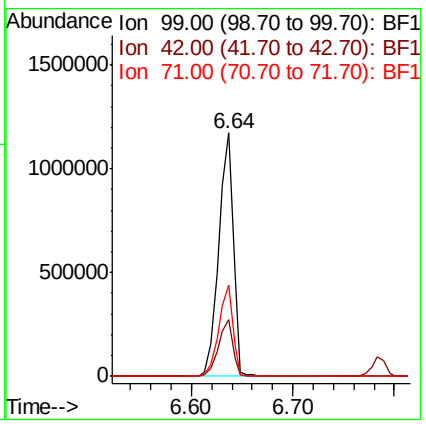


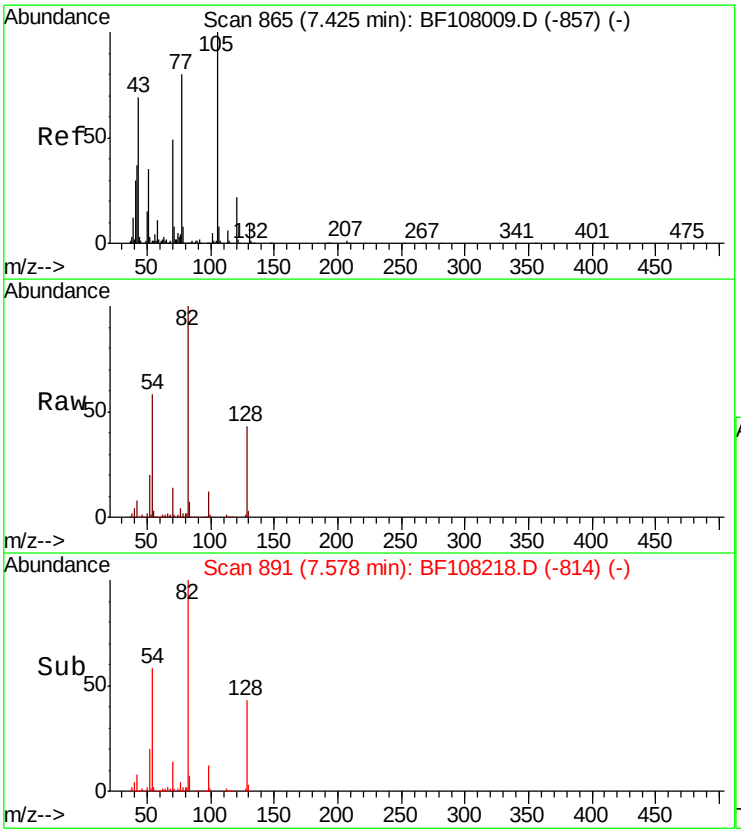
#7
Phenol-d6
Concen: 105.223 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion: 99 Resp: 1174782

Ion	Ratio	Lower	Upper
99	100		
42	23.2	14.5	21.7#
71	37.3	25.4	38.0

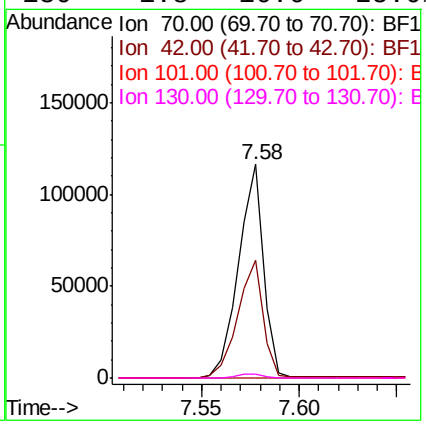


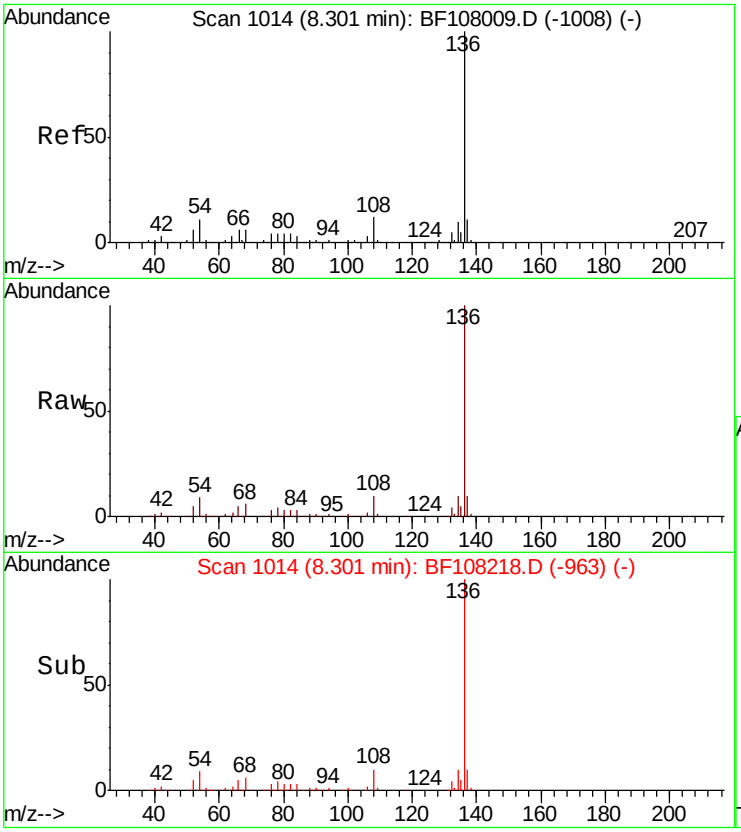


#19
n-Nitroso-di-n-propylamine
Concen: 13.781 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion: 70 Resp: 104047

Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



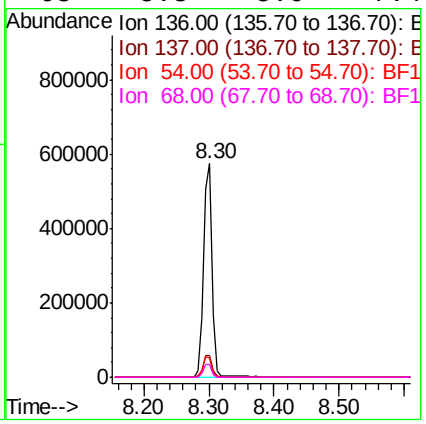


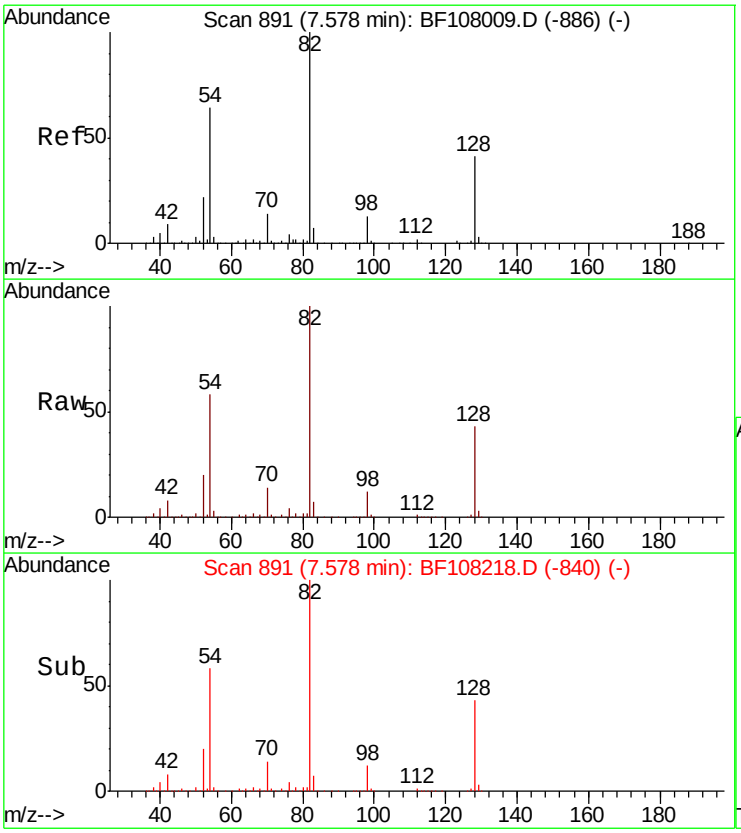
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:136 Resp: 523021

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4

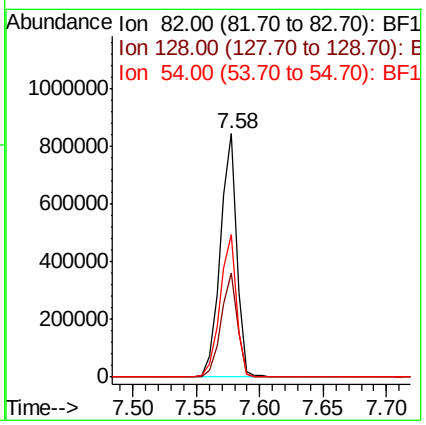


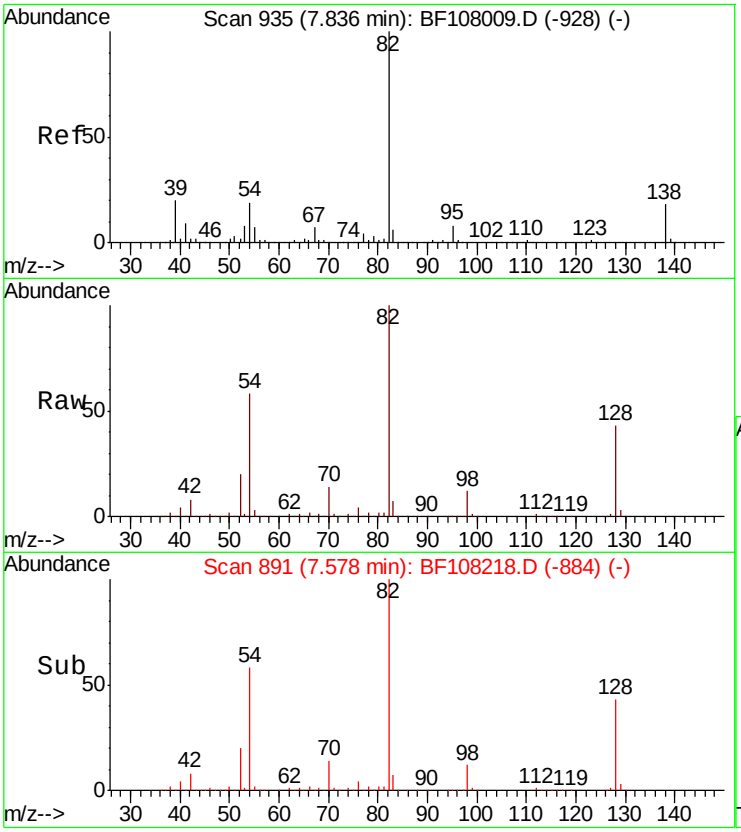


#23
Nitrobenzene-d5
Concen: 82.296 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion: 82 Resp: 771355

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	58.4	41.4	62.2



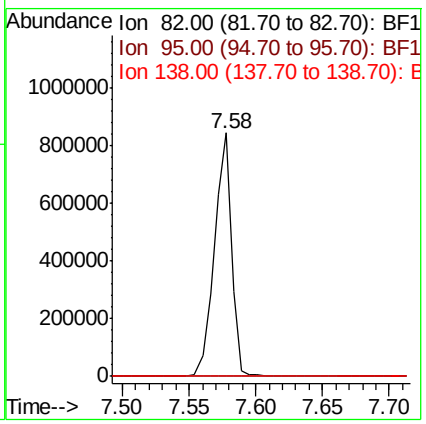


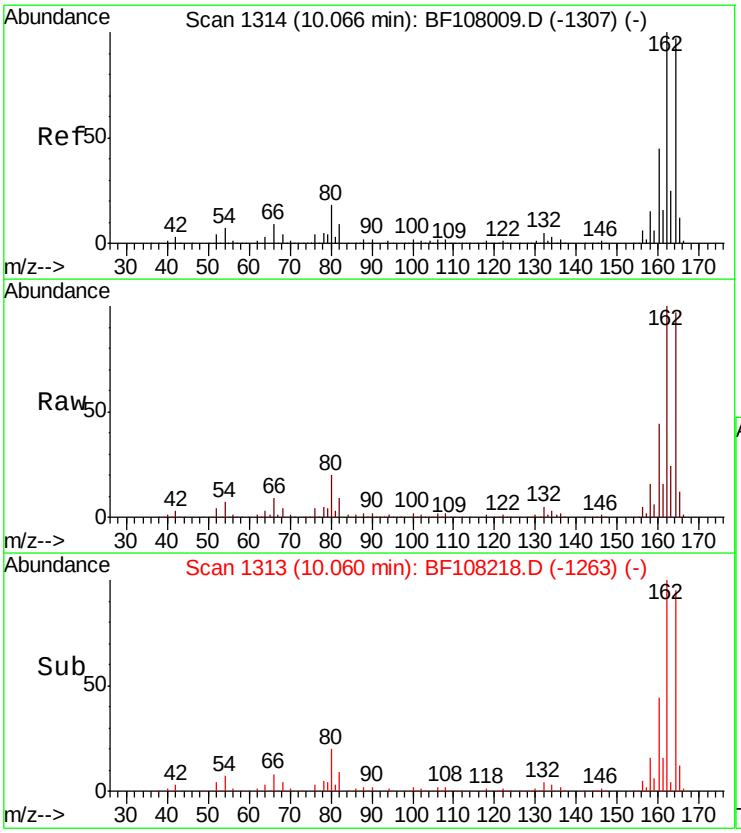
#25
Isophorone
Concen: 43.176 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion: 82 Resp: 771343

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

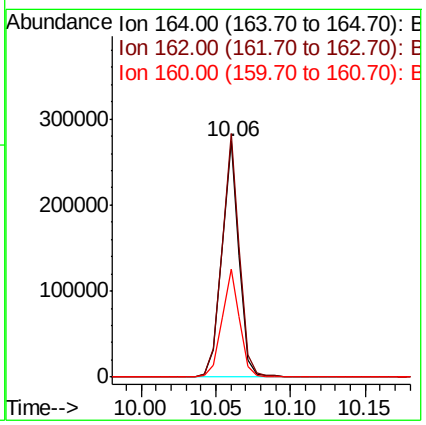


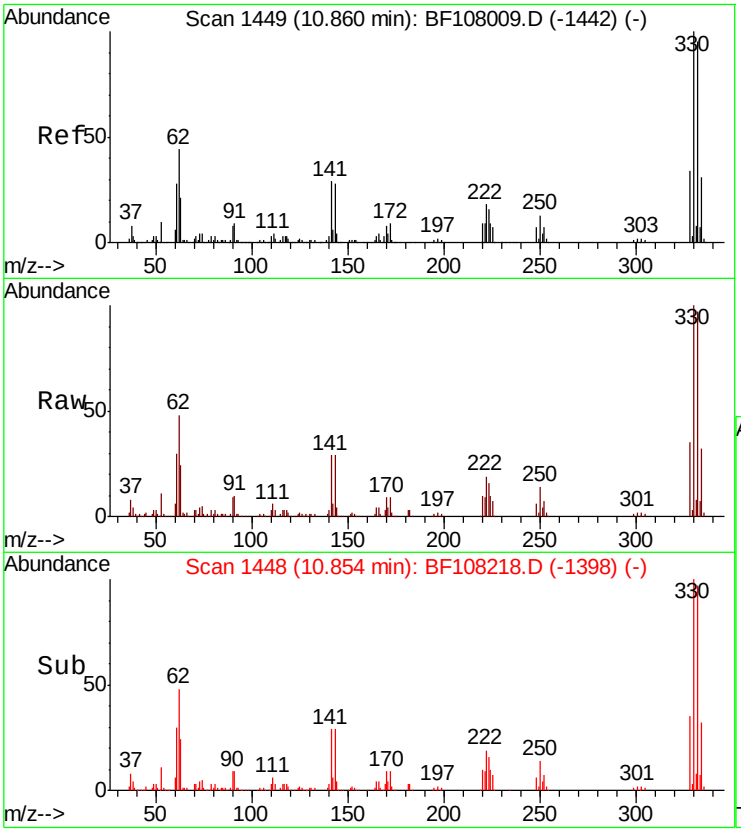


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:164 Resp: 223783

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.8	38.3	57.5



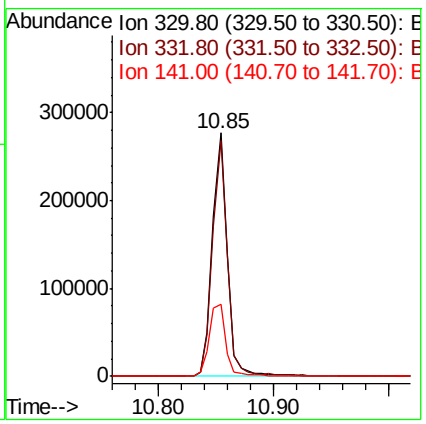


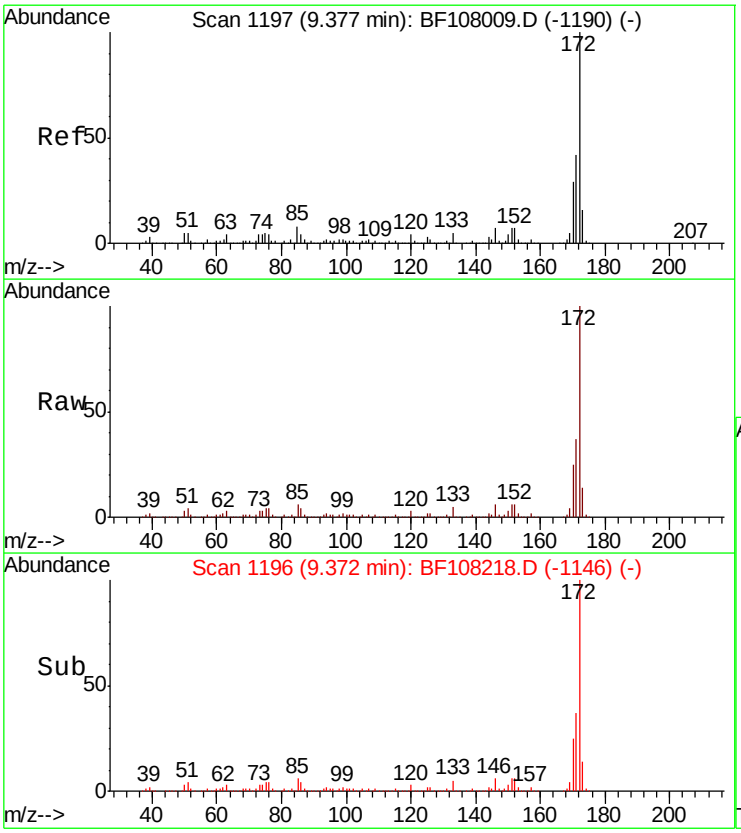
#41
2,4,6-Tribromophenol
Concen: 112.405 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:330 Resp: 250908

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.0	29.9	44.9

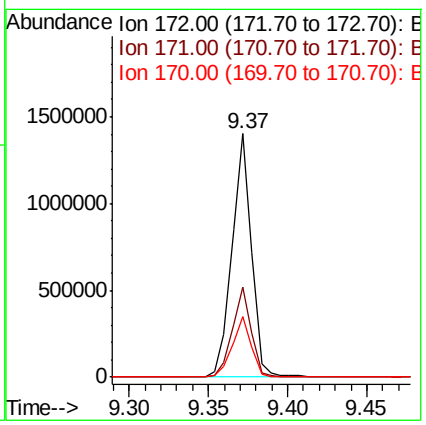


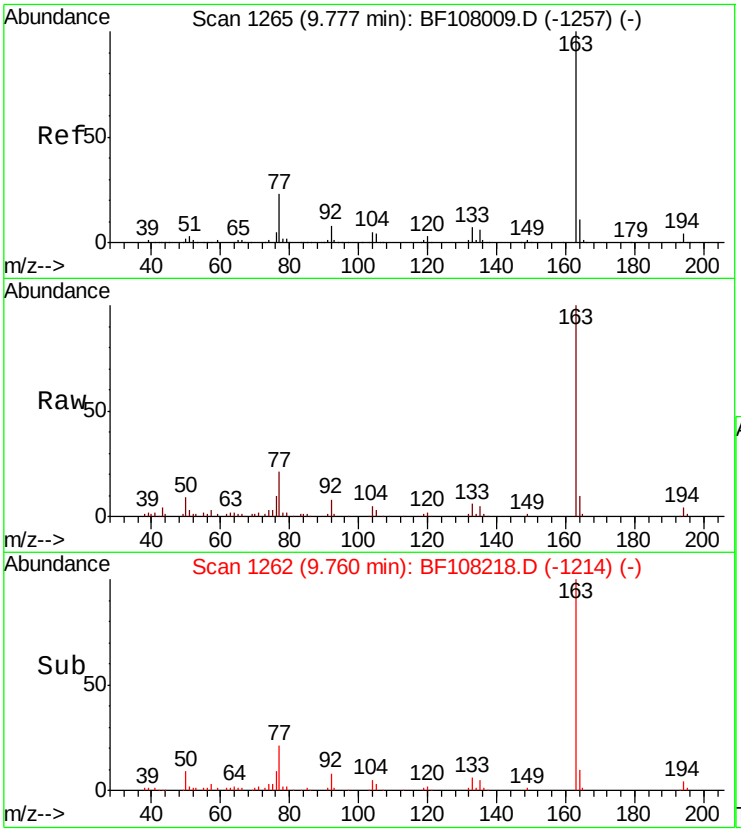


#44
2-Fluorobiphenyl
Concen: 85.953 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:172 Resp: 1198080

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.6	29.4



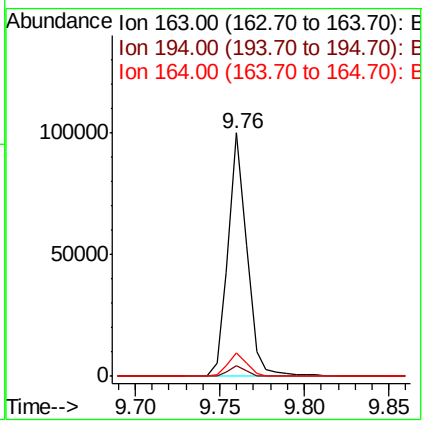


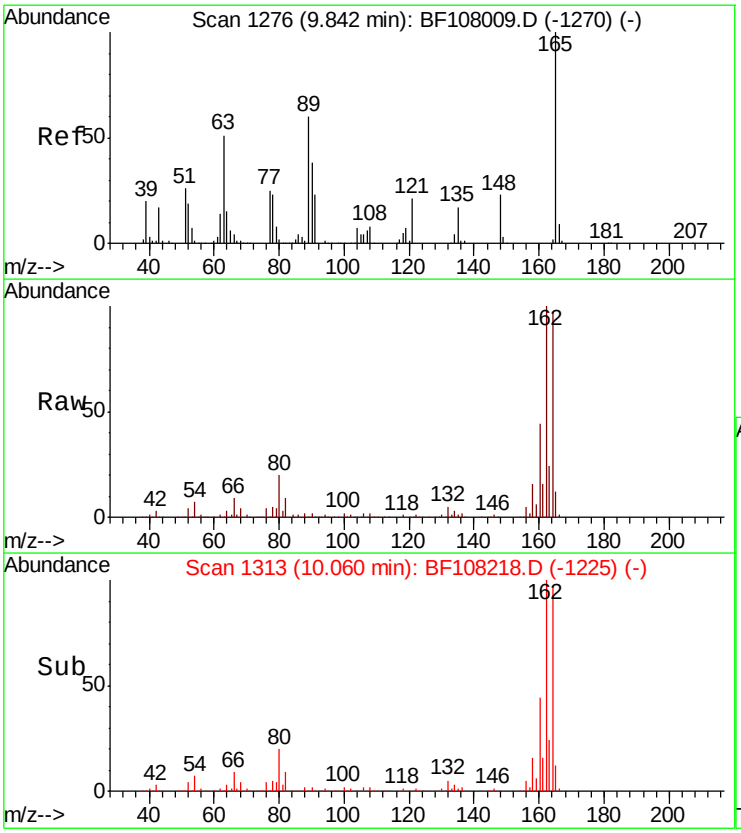
#49
Dimethylphthalate
Concen: 4.985 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:163 Resp: 77709

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.8	8.2	12.2

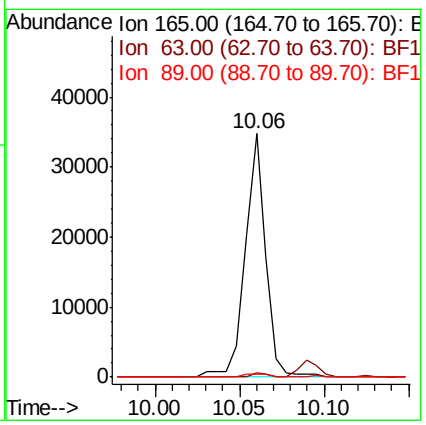


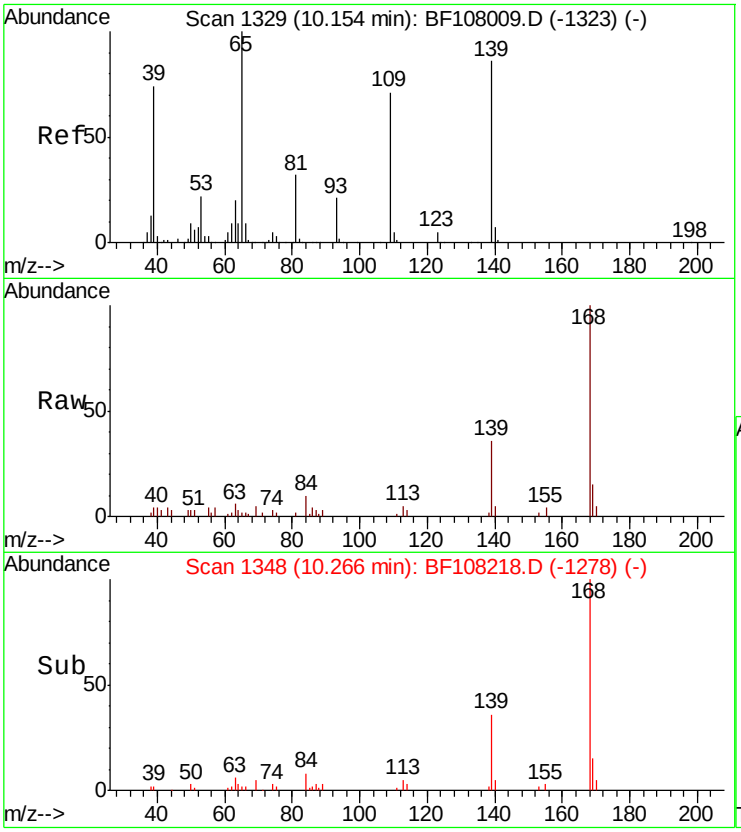


#50
2,6-Dinitrotoluene
Concen: 9.012 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:165 Resp: 29393

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



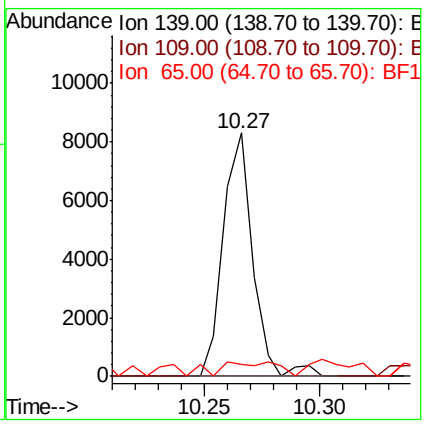


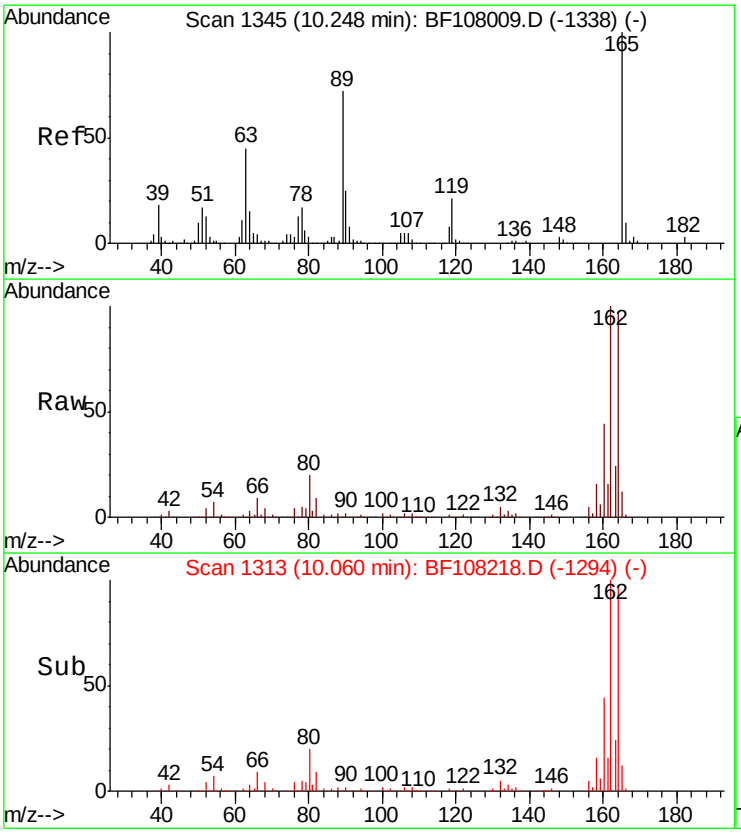
#55
4-Nitrophenol
Concen: 2.736 ng
RT: 10.27 min Scan# 1348
Delta R.T. 0.11 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:139 Resp: 7393

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	5.1	72.6	112.6#

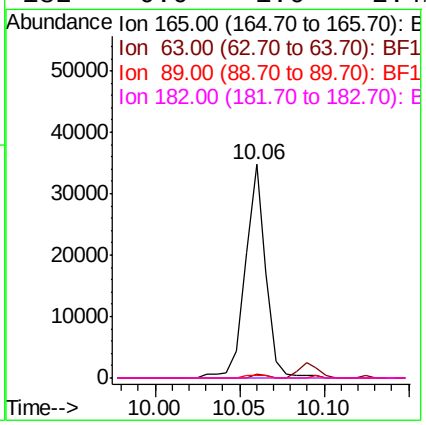


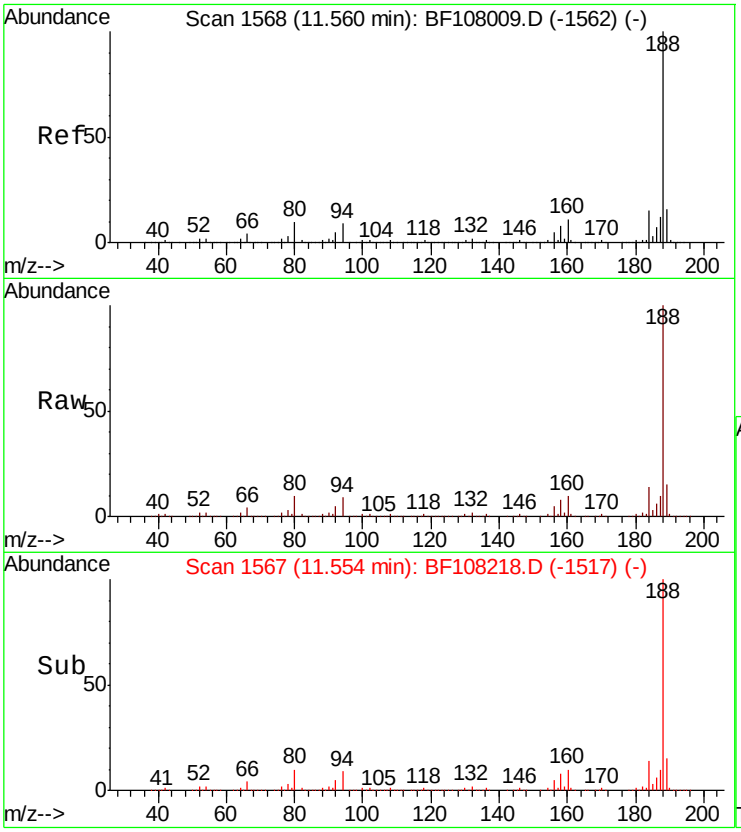


#56
2,4-Dinitrotoluene
Concen: 7.002 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:165 Resp: 29393

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



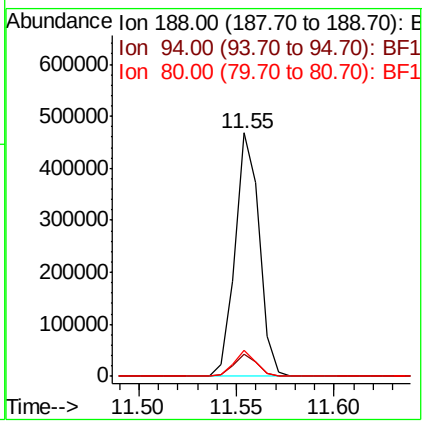


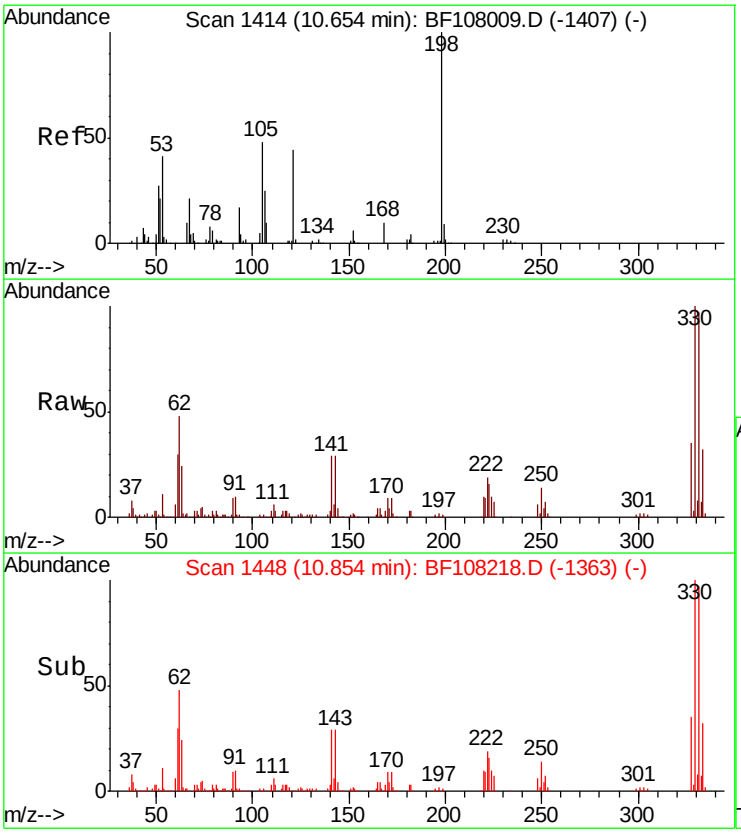
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:188 Resp: 401636

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.5	9.2	13.8

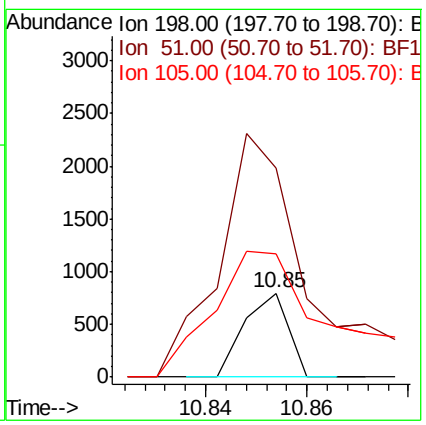


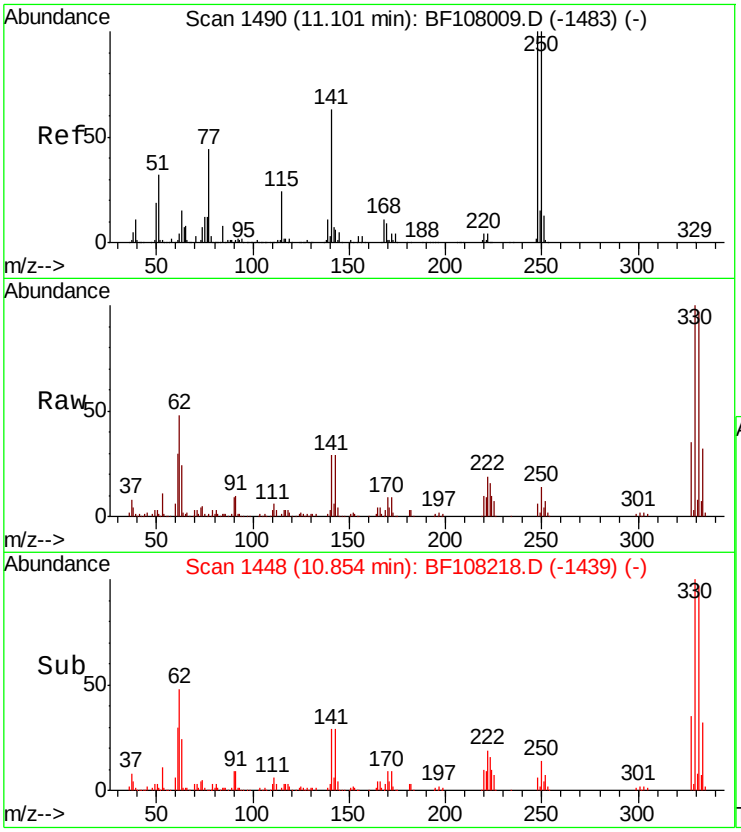


#64
4,6-Dinitro-2-methylphenol
Concen: 5.641 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:198 Resp: 479

Ion	Ratio	Lower	Upper
198	100		
51	248.9	37.7	77.7#
105	146.2	36.3	76.3#



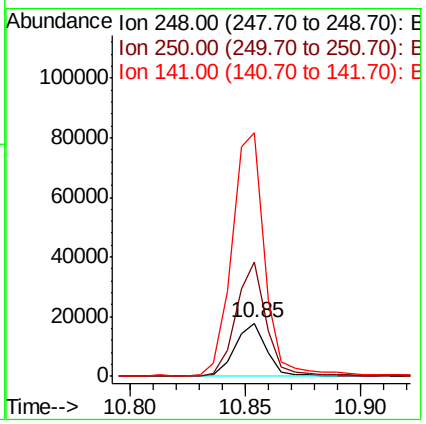


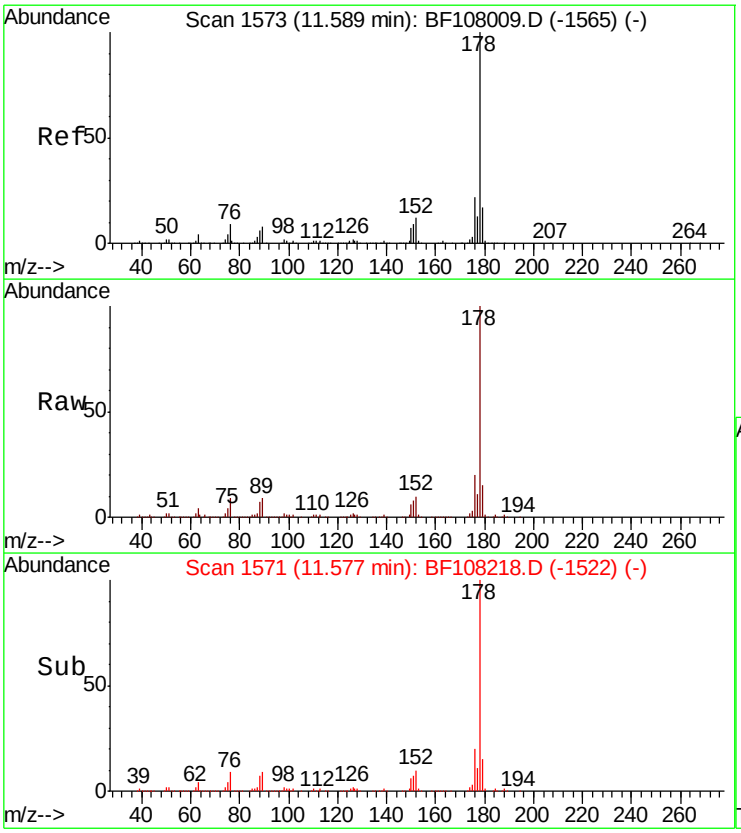
#66
4-Bromophenyl-phenylether
Concen: 3.866 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:248 Resp: 16874

Ion	Ratio	Lower	Upper
248	100		
250	217.1	76.9	115.3#
141	460.1	74.4	111.6#

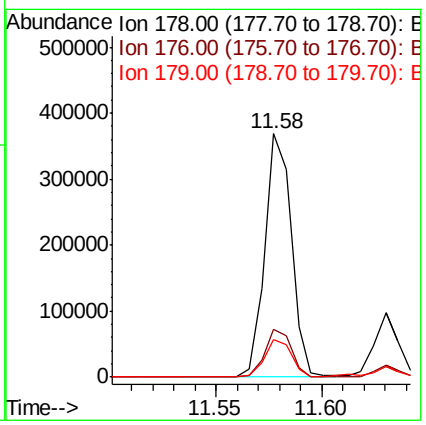


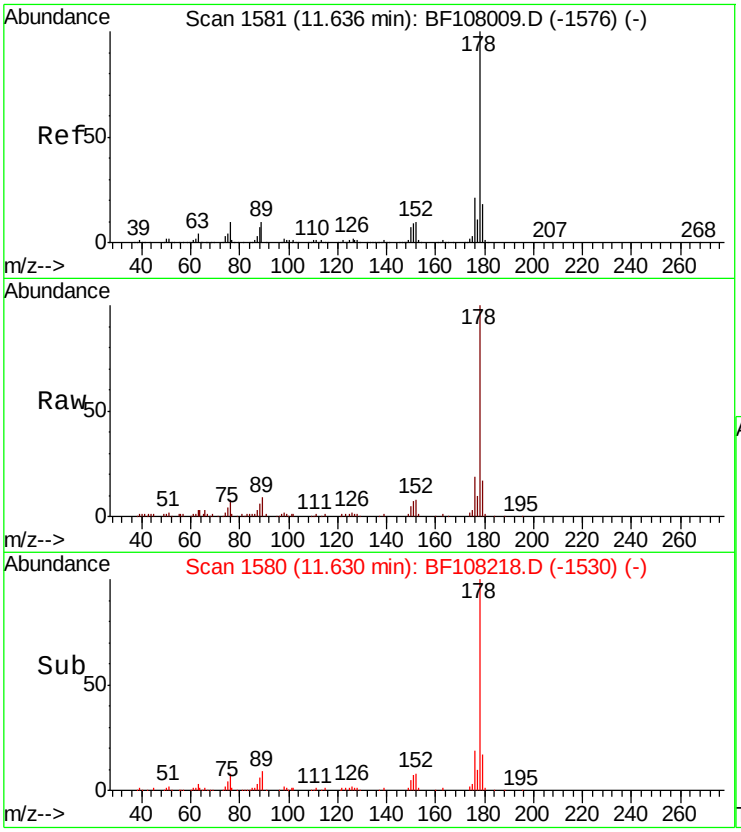


#70
Phenanthrene
Concen: 17.192 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:178 Resp: 325679

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	13.0	19.6



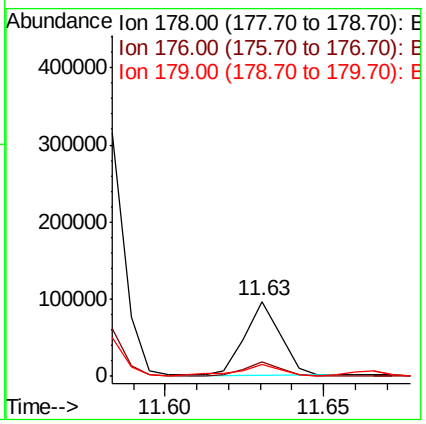


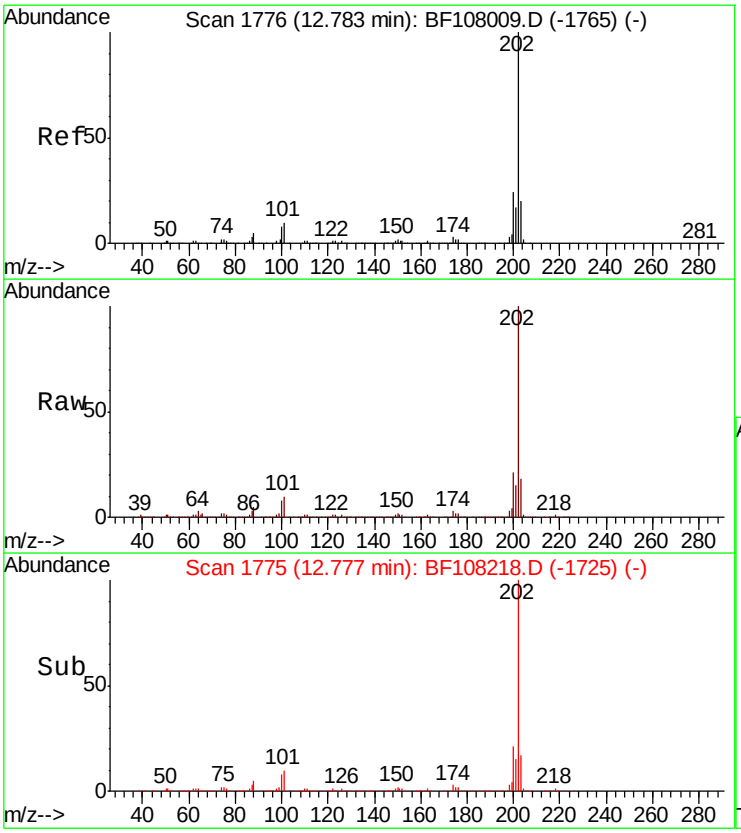
#71
Anthracene
Concen: 3.870 ng
RT: 11.63 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:178 Resp: 75147

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.5	12.6	19.0

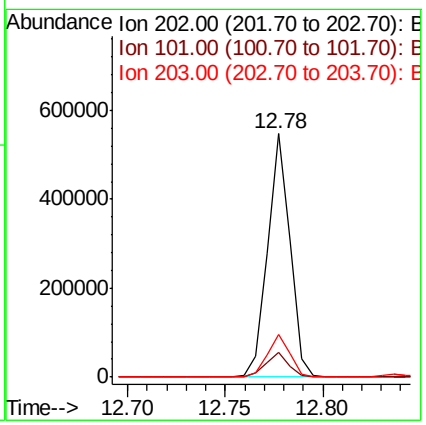


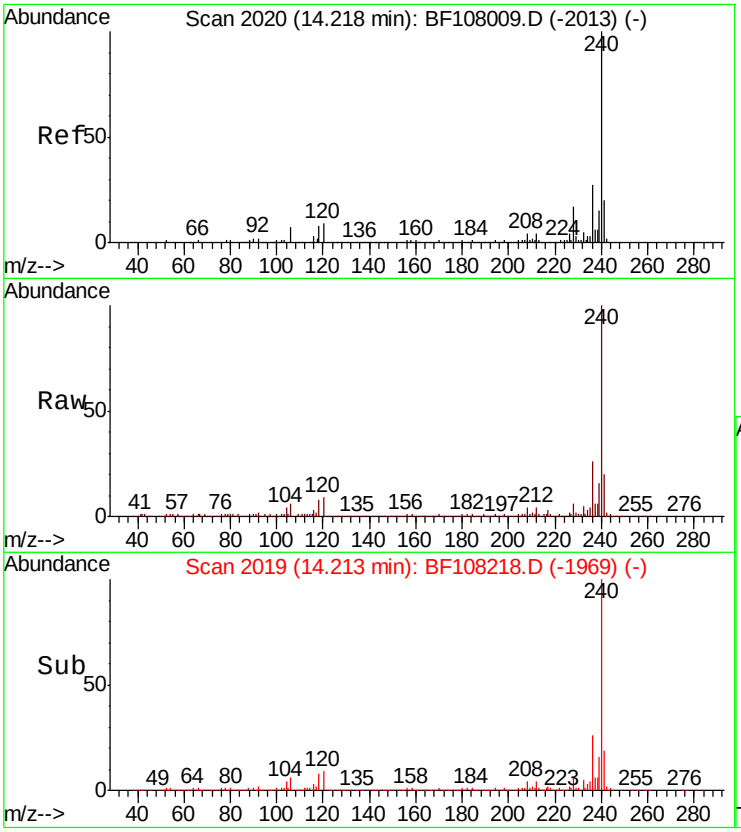


#74
Fluoranthene
Concen: 20.856 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:202 Resp: 431197

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.5	0.0	38.1



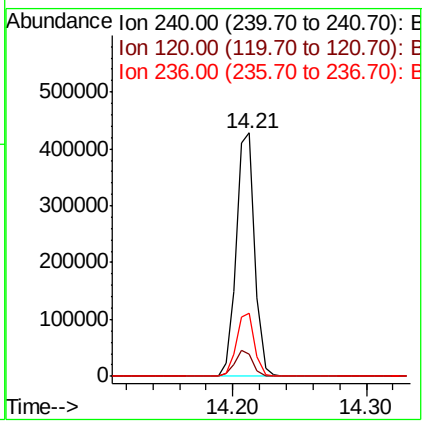


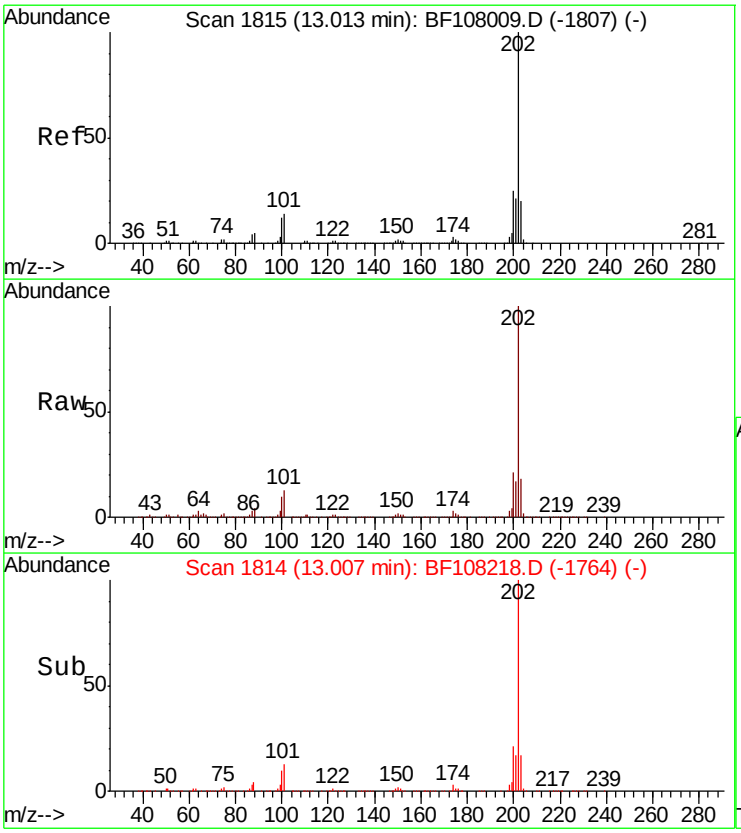
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:240 Resp: 414988

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.0	20.7	31.1

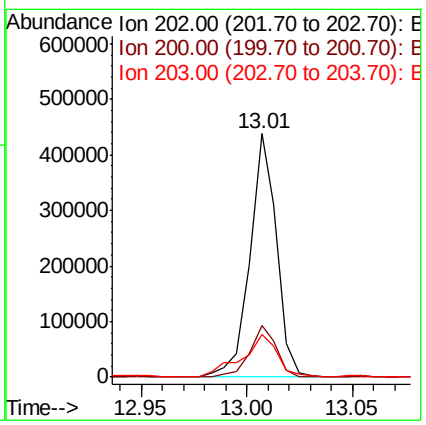


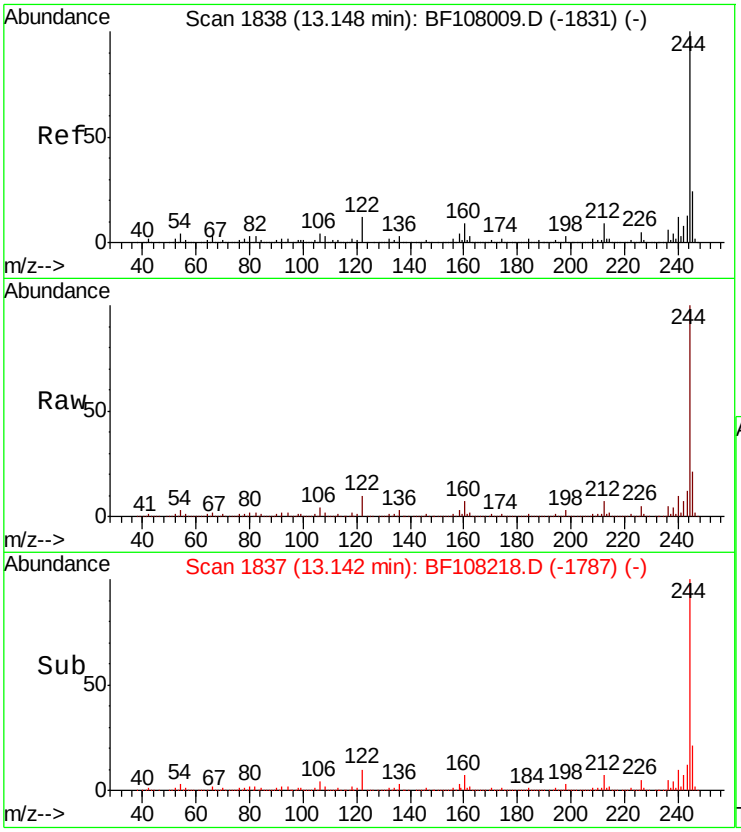


#77
Pyrene
Concen: 14.577 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:202 Resp: 382977

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.7	14.3	21.5



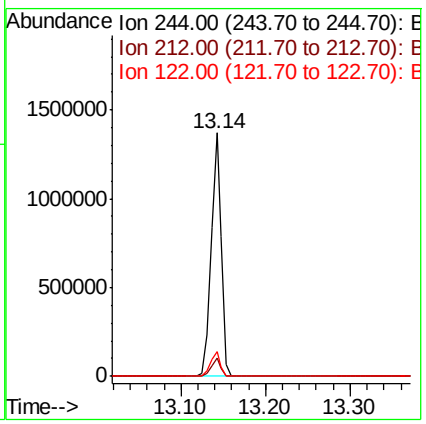


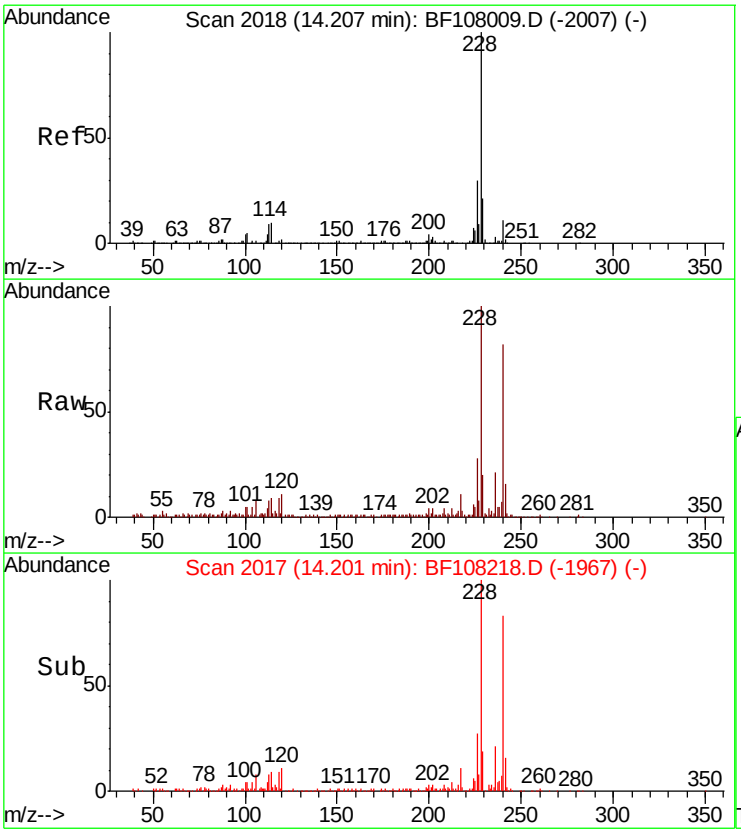
#78
Terphenyl-d14
Concen: 72.329 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:244 Resp: 1180526

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.3	11.0	16.4#

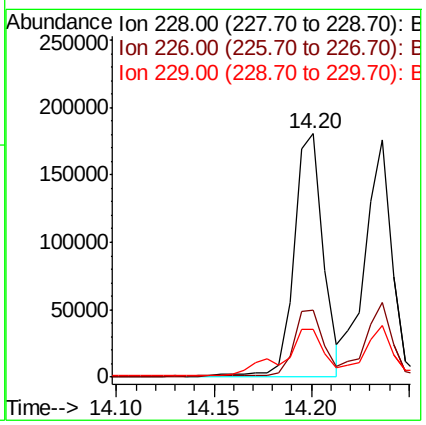


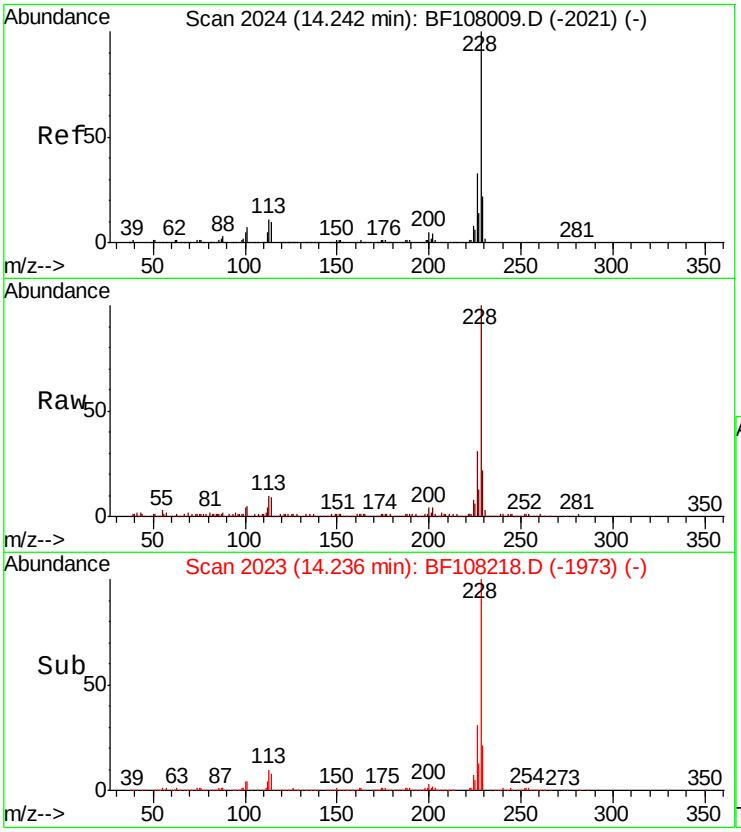


#80
Benzo(a)anthracene
Concen: 7.762 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:228 Resp: 184871

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.7	15.8	23.6



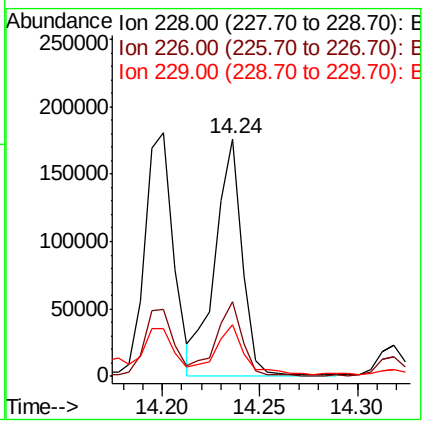


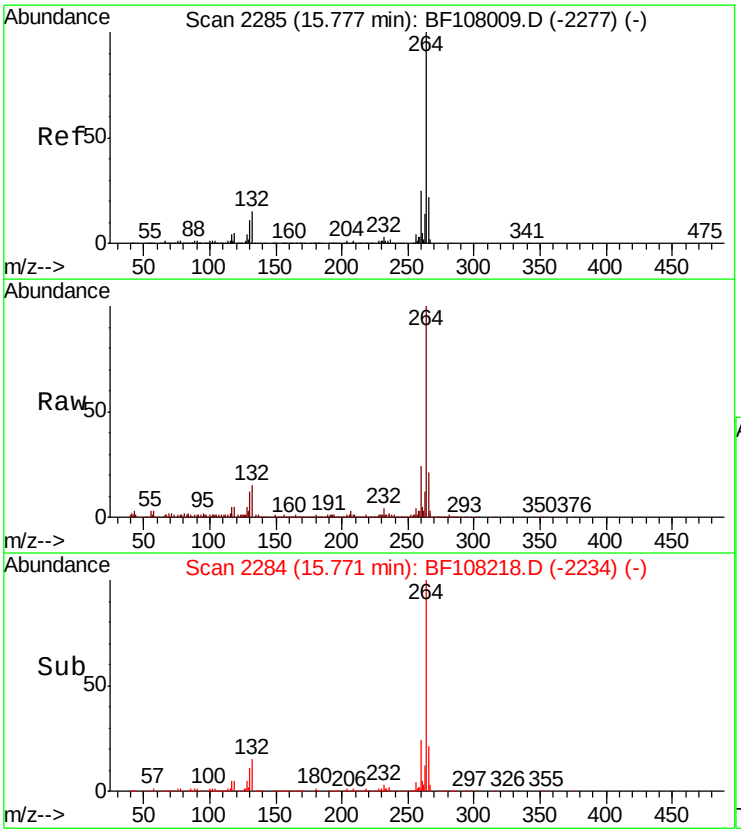
#82
Chrysene
Concen: 7.725 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:228 Resp: 168673

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.9	16.2	24.4

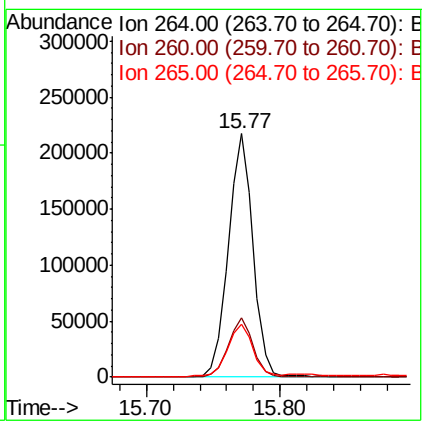


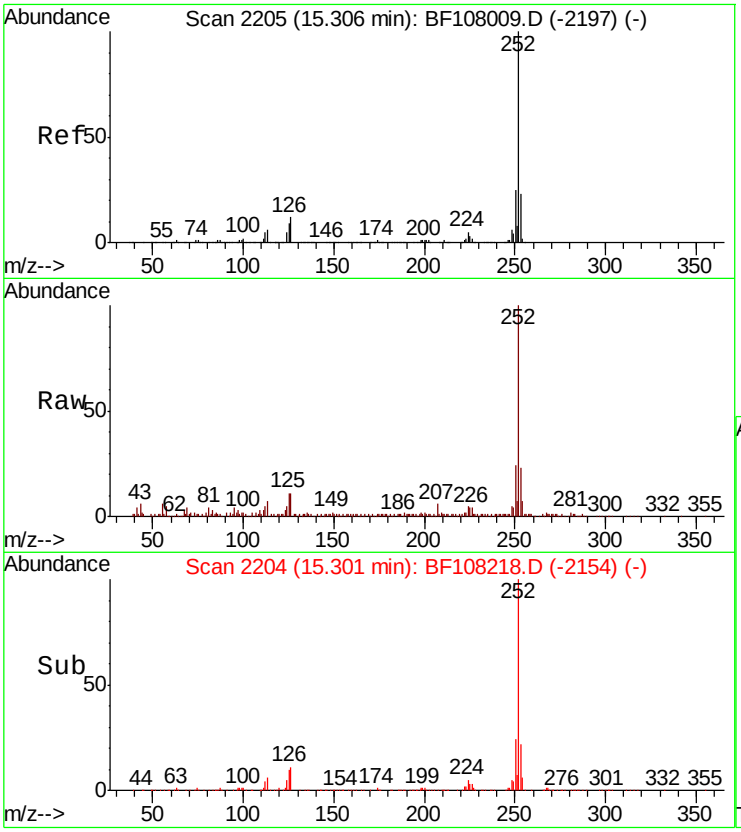


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:264 Resp: 280524

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



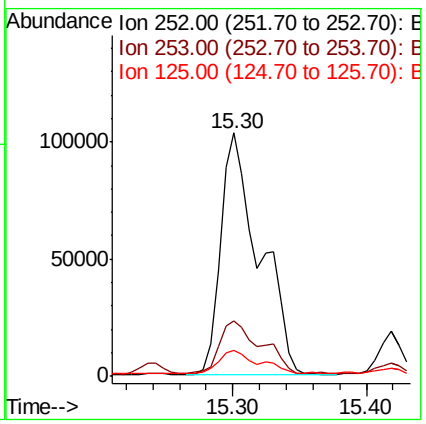


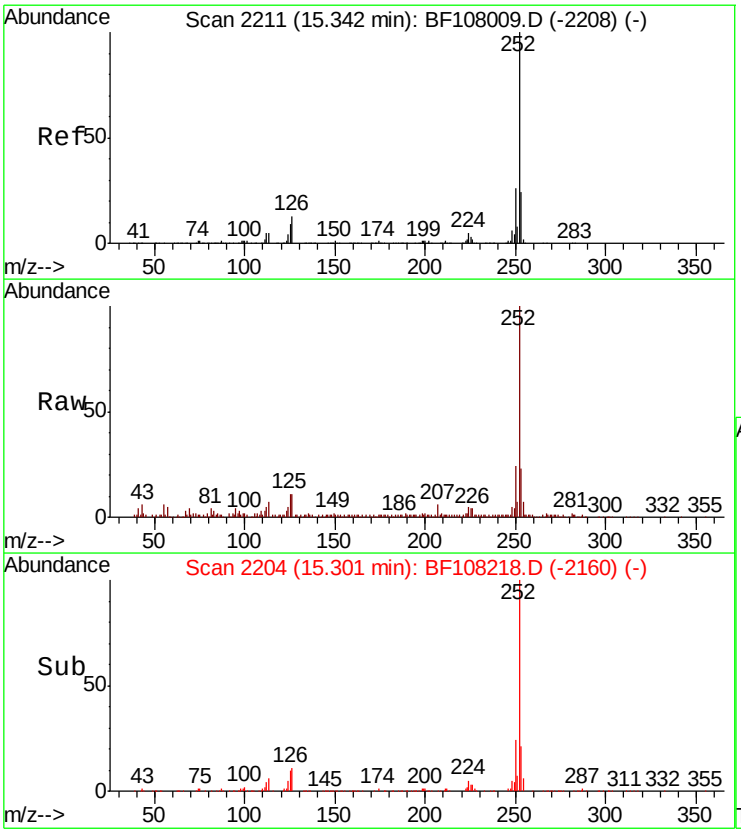
#87
Benzo(b)fluoranthene
Concen: 12.521 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:252 Resp: 209891

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.8	9.0	13.6

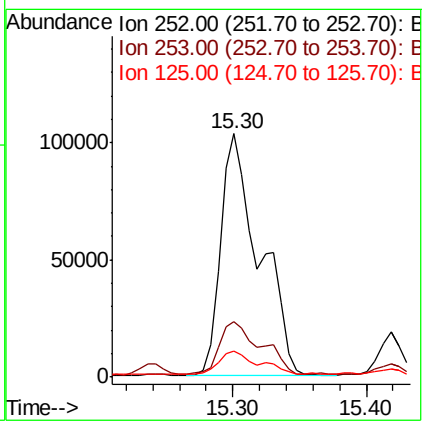


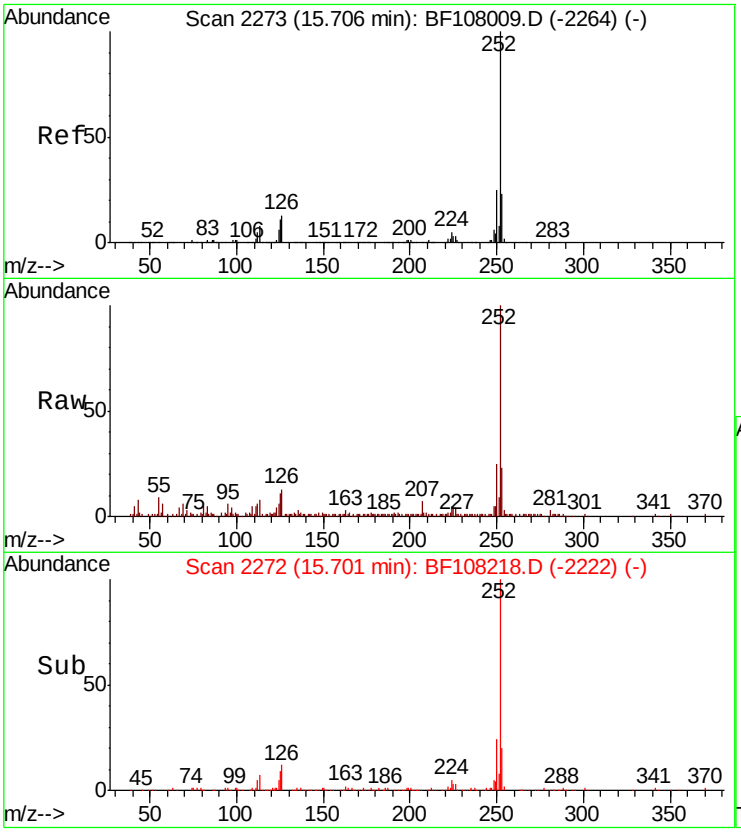


#88
Benzo(k)fluoranthene
Concen: 13.622 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:252 Resp: 209891

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.8	10.2	15.2



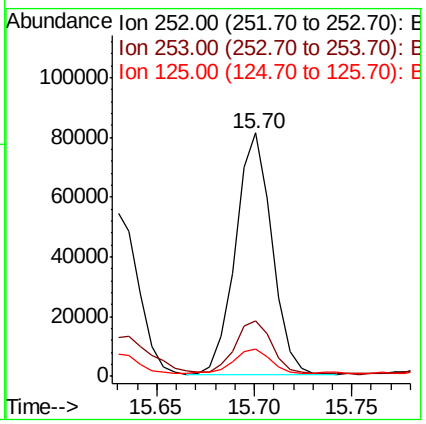


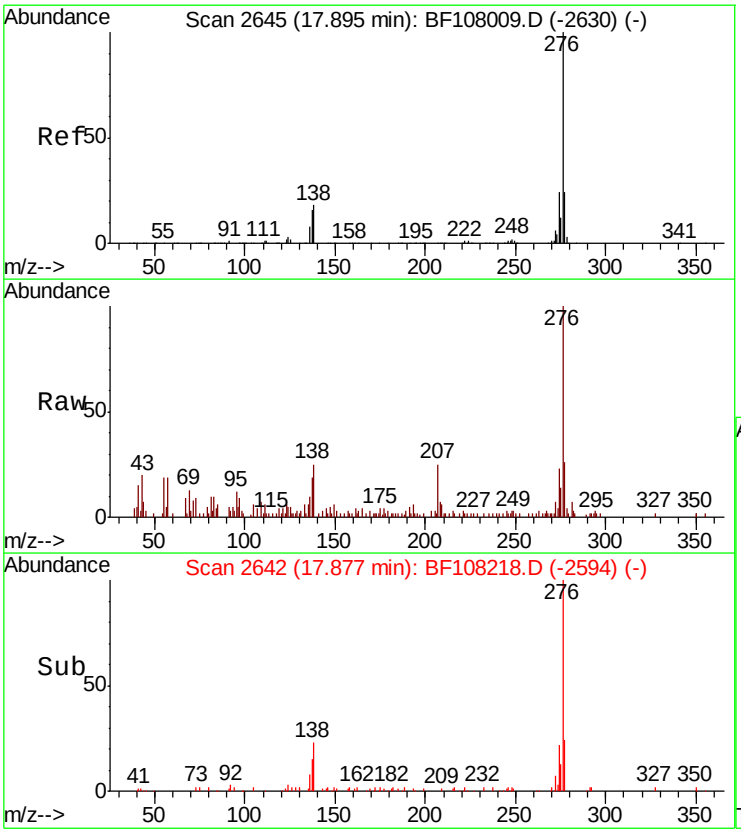
#89
Benzo(a)pyrene
Concen: 6.964 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Instrument :
BNA_F
ClientSampleId :
RA-081318-FL-017

Tgt Ion:252 Resp: 104526

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.104 ng
RT: 17.88 min Scan# 2642
Delta R.T. -0.02 min
Lab File: BF108218.D
Acq: 17 Aug 2018 1:53

Tgt Ion:276 Resp: 50190

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	24.5	21.8	32.8