Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Time: Oct 06 05:56:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99000	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	401723	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	182135	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	297890	20.00	ng		0.00
75) Chrysene-d12	13.83	240	220889	20.00	ng		-0.01
86) Perylene-d12	15.24	264	223882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	485794	80.82	ng		0.01
7) Phenol-d6	6.35	99	670092	87.37	ng		0.00
23) Nitrobenzene-d5	7.26	82	429978	63.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	149652	83.35	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	794738	65.81	ng		-0.02
78) Terphenyl-d14	12.79	244	555001	61.66	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.36	94	18257	2.102	ng	#	47
19) n-Nitroso-di-n-propylamine	7.26	70	57336	11.409	ng	#	75
25) Isophorone	7.26	82	416760	34.009	ng	#	64
49) Dimethylphthalate	9.45	163	77107	5.821	ng		99
50) 2,6-Dinitrotoluene	9.73	165	23199	8.842	ng	#	26
56) 2,4-Dinitrotoluene	9.73	165	23199	6.988	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.52	198	145	6.625	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	8872	2.682	ng	#	1
70) Phenanthrene	11.23	178	160579	10.796	ng		99
71) Anthracene	11.29	178	40907	2.712	ng		98
74) Fluoranthene	12.42	202	259785	16.344	ng		95
77) Pyrene	12.64	202	225848	14.266	ng		99
80) Benzo(a)anthracene	13.83	228	101277	7.612	ng		98
82) Chrysene	13.86	228	101169	7.672	ng		97
85) Indeno(1,2,3-cd)pyrene	16.59	276	41508	3.883	ng	#	87
87) Benzo(b)fluoranthene	14.84	252	162622	13.219	ng		97
88) Benzo(k)fluoranthene	14.84	252	162622	13.931	ng		99
89) Benzo(a)pyrene	15.18	252	87279	7.873	ng		98

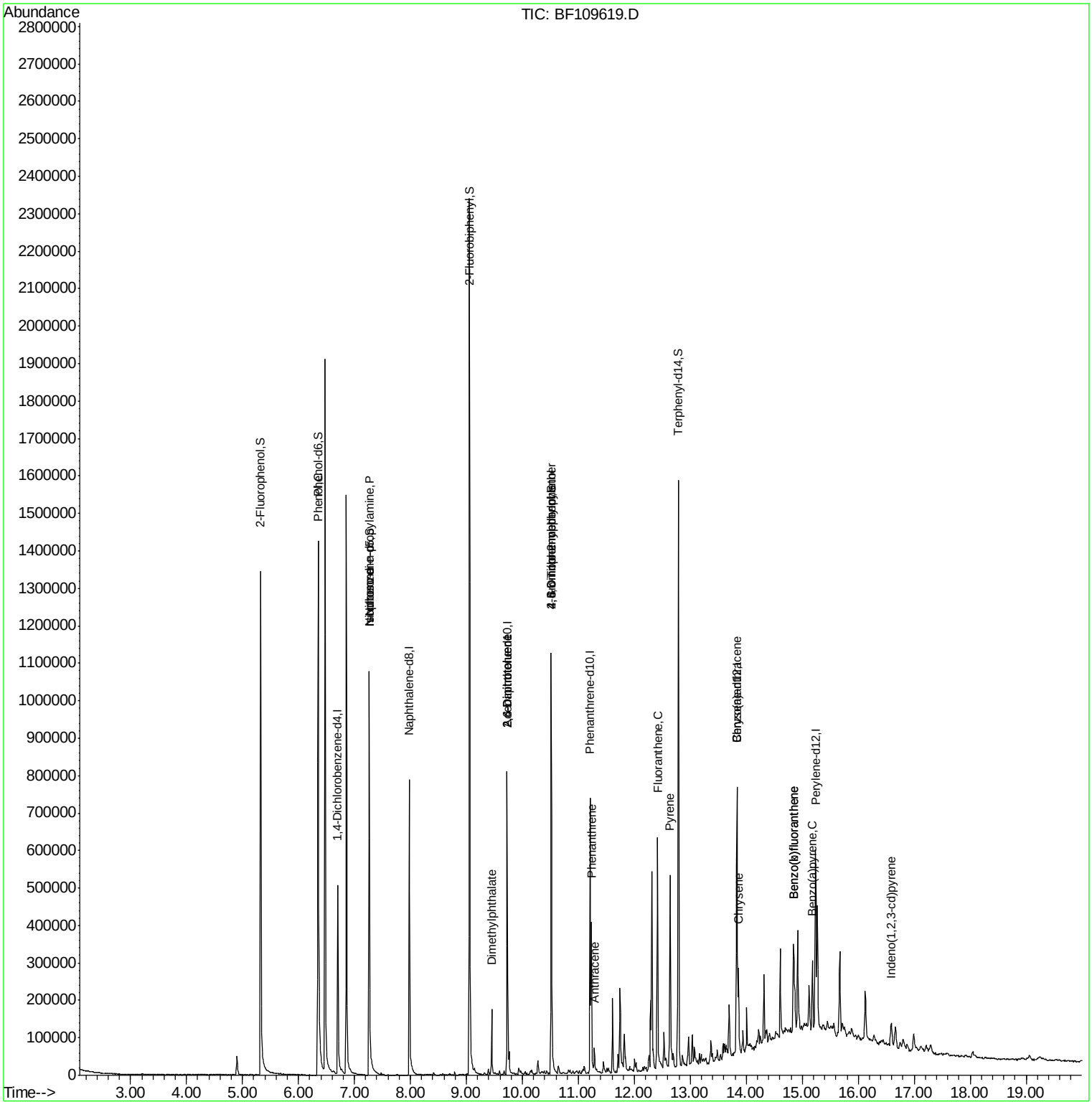
(#) = qualifier out of range (m) = manual integration (+) = signals summed

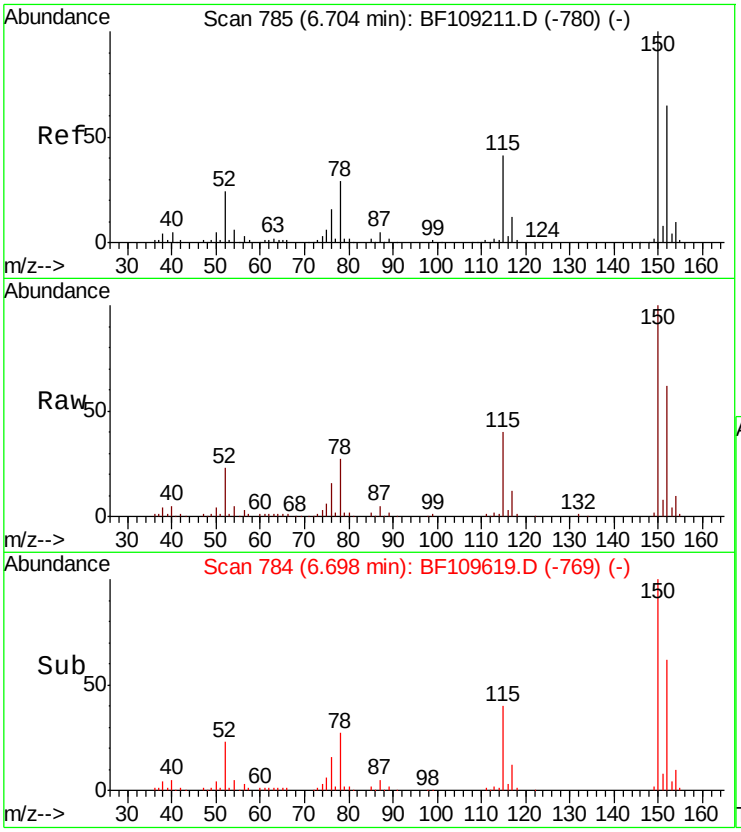
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Quant Time: Oct 06 05:56:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



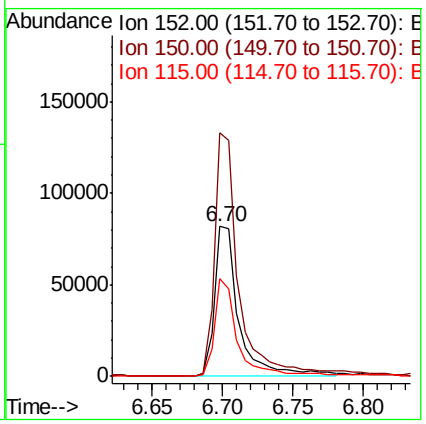


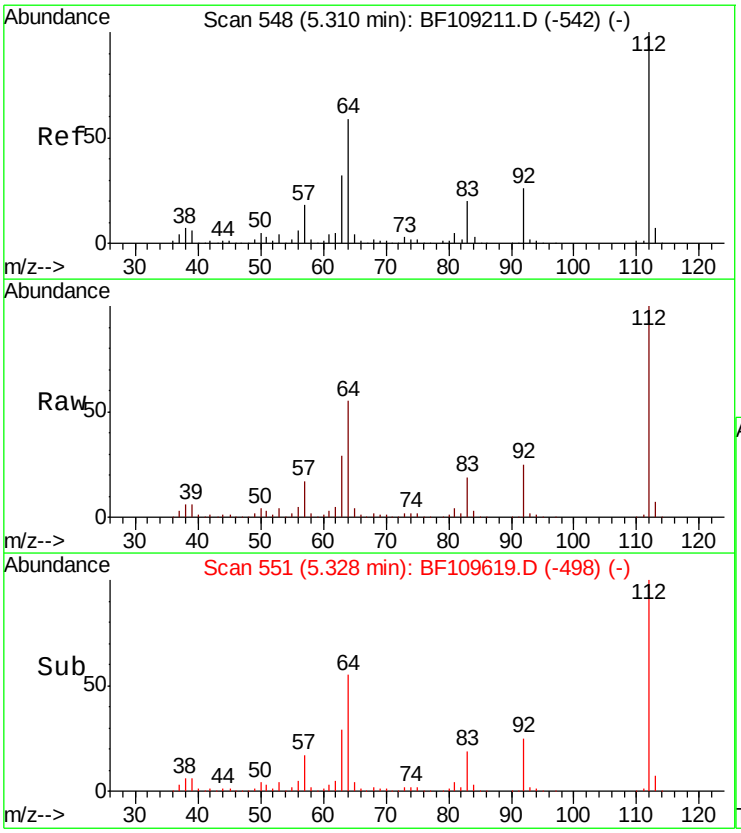
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:152 Resp: 99000

Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	65.1	50.1	75.1

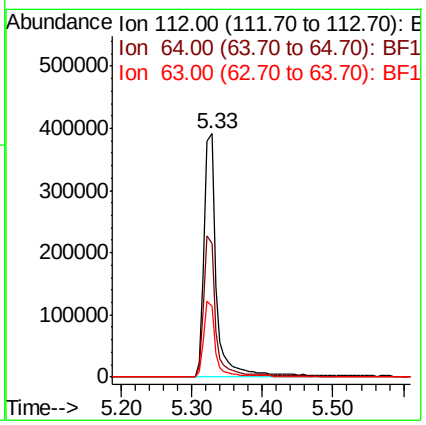


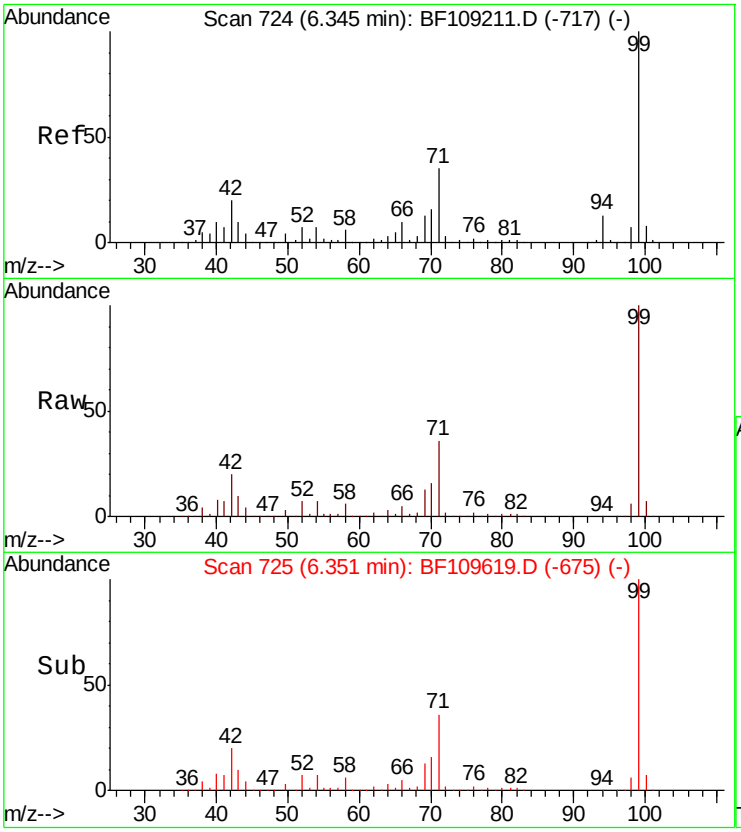


#5
2-Fluorophenol
Concen: 80.822 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:112 Resp: 485794

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	29.3	23.7	35.5



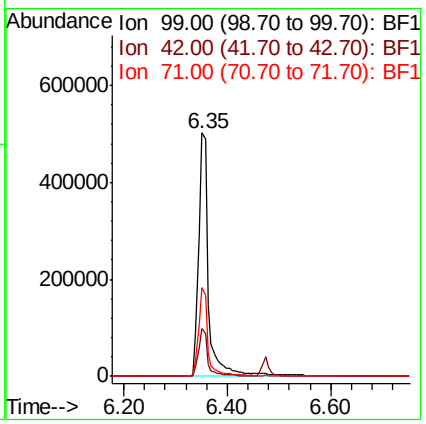


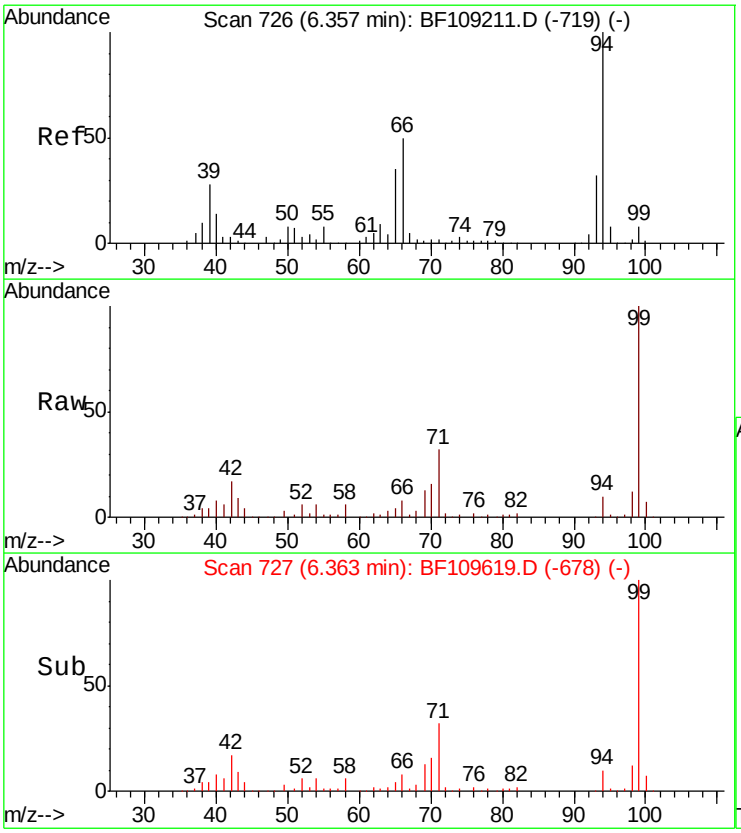
#7
Phenol-d6
Concen: 87.368 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion: 99 Resp: 670092

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	36.4	25.4	38.0

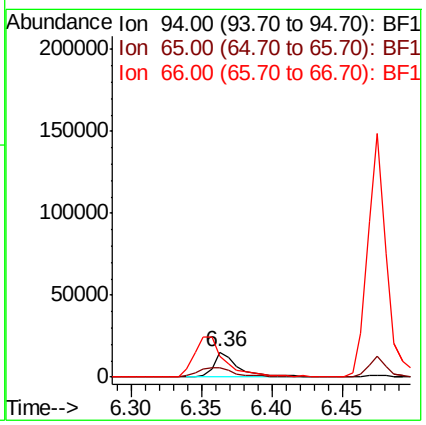


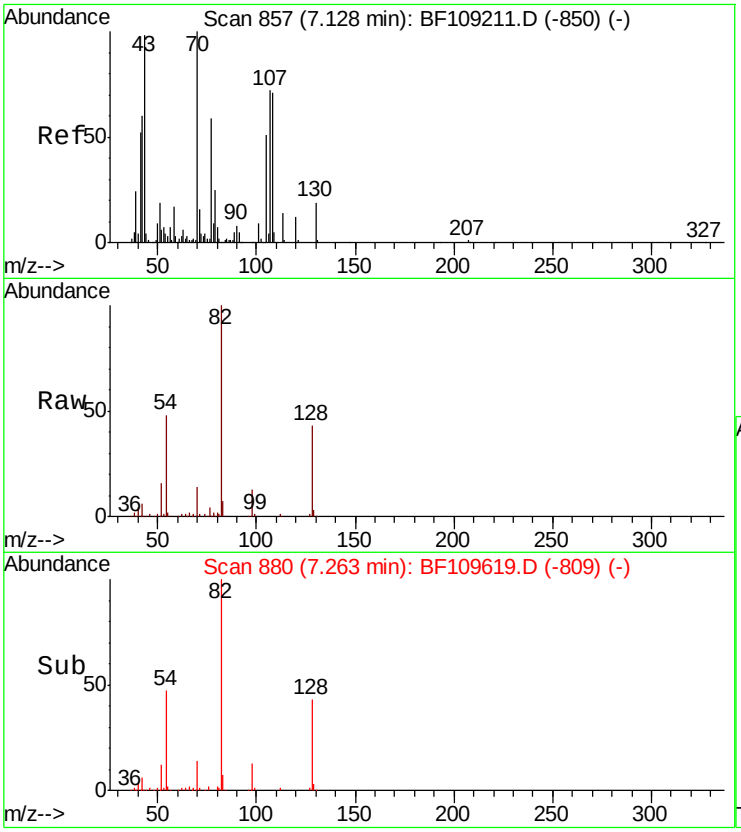


#10
Phenol
Concen: 2.102 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion: 94 Resp: 18257

Ion	Ratio	Lower	Upper
94	100		
65	37.6	7.9	47.9
66	83.3	16.2	56.2#



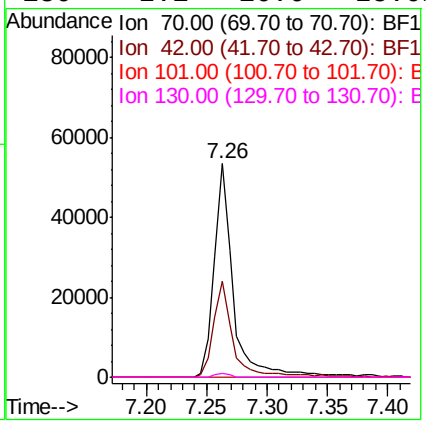


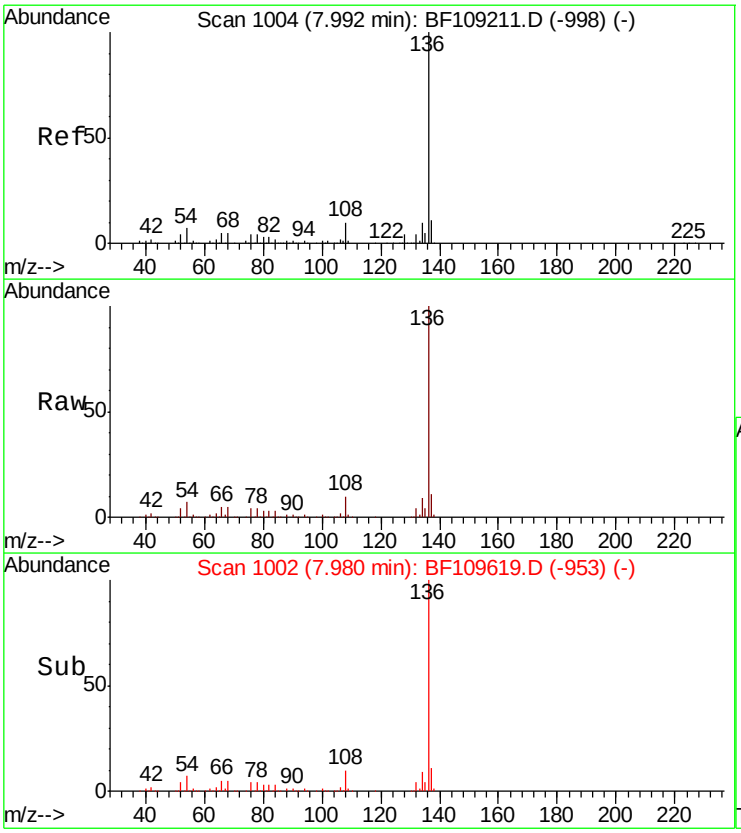
#19
n-Nitroso-di-n-propylamine
Concen: 11.409 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion: 70 Resp: 57336

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

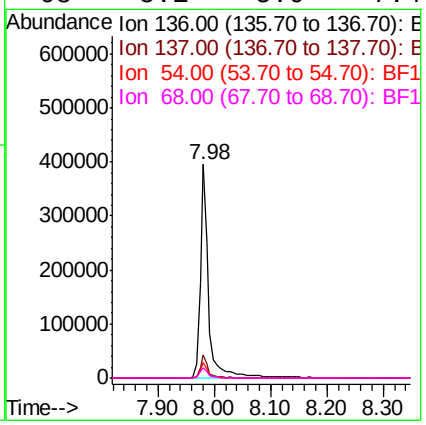


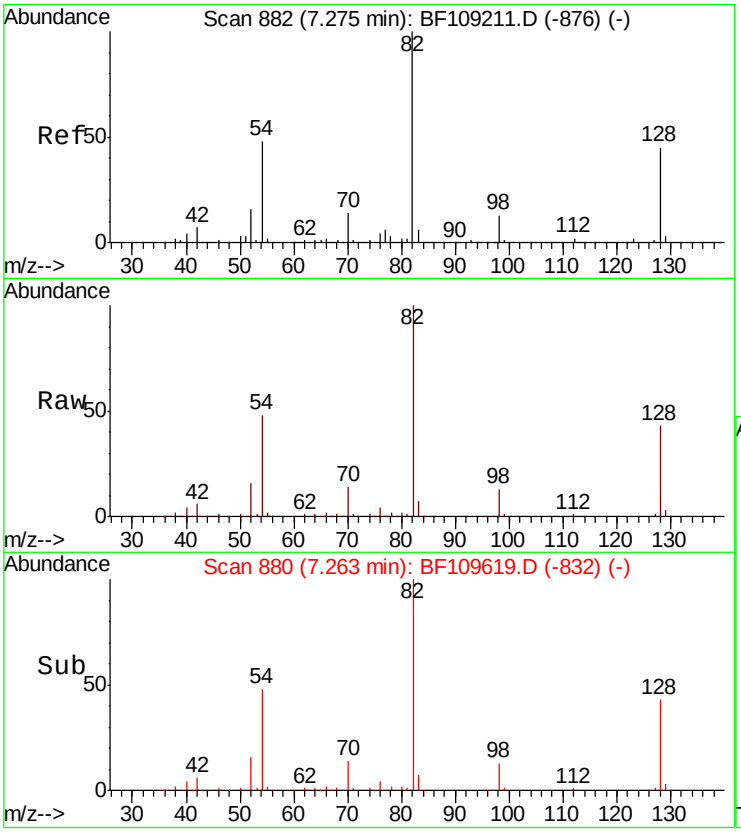


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:136 Resp: 401723

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.1	5.0	7.4



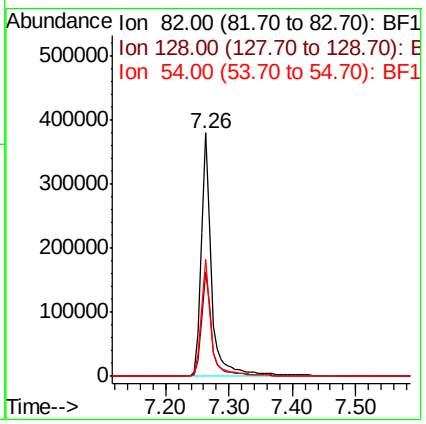


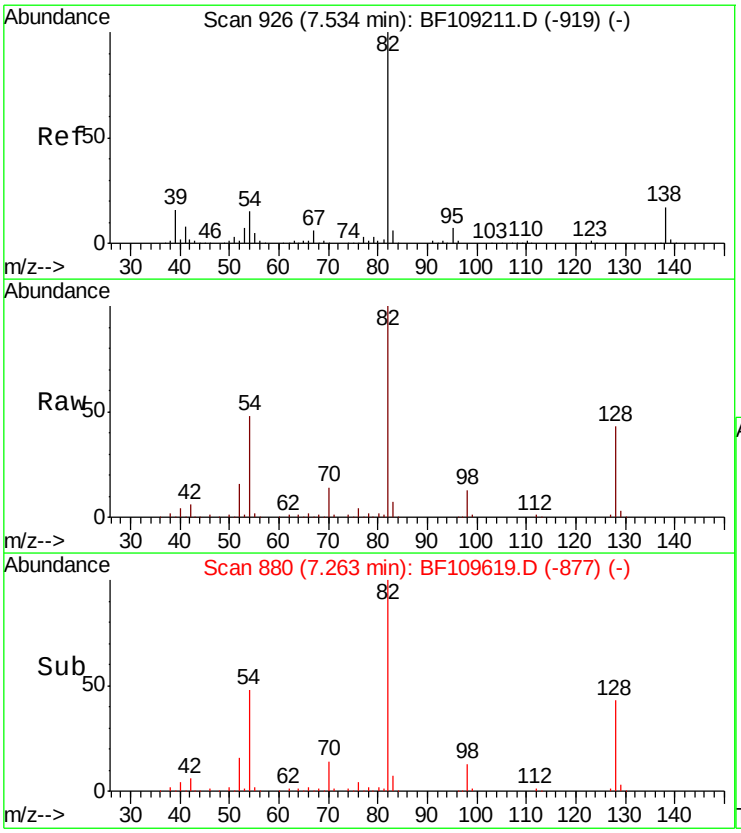
#23
Nitrobenzene-d5
Concen: 63.183 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion: 82 Resp: 429978

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	48.1	41.4	62.2

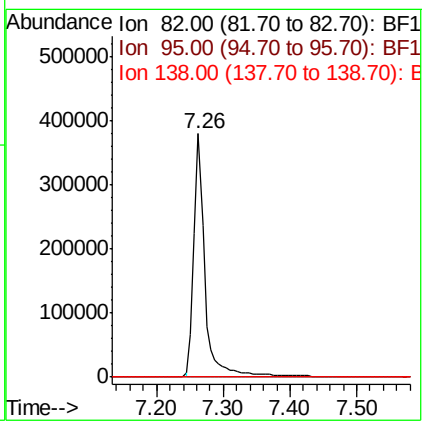


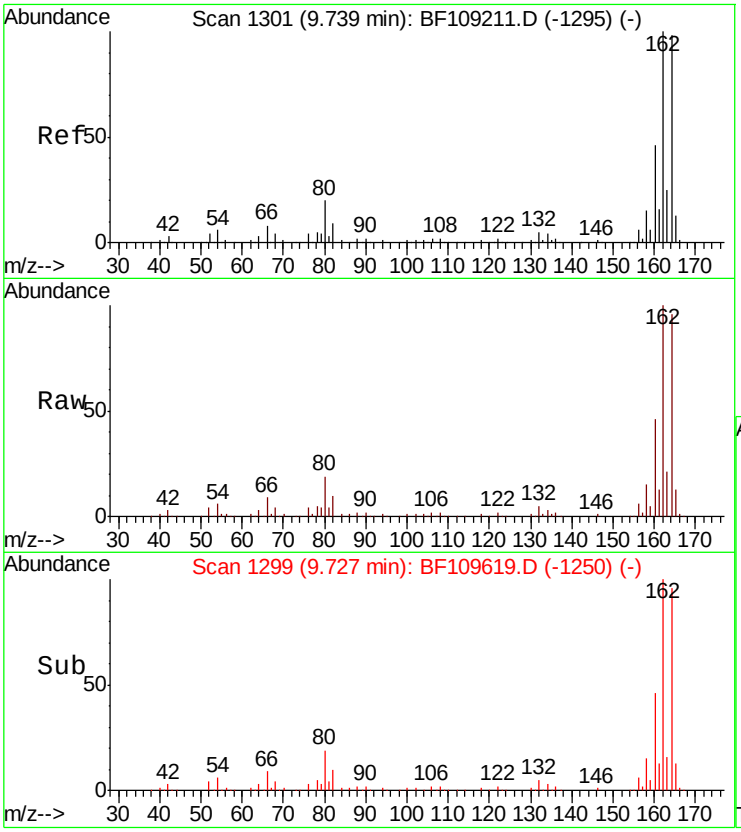


#25
Isophorone
Concen: 34.009 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion: 82 Resp: 416760

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



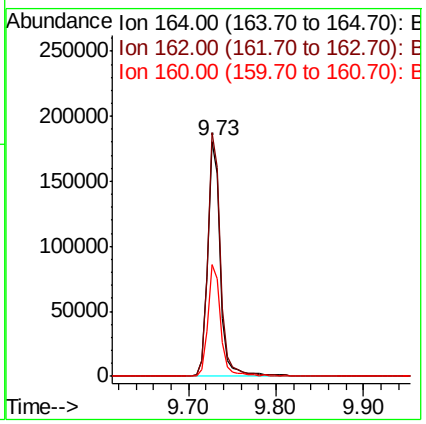


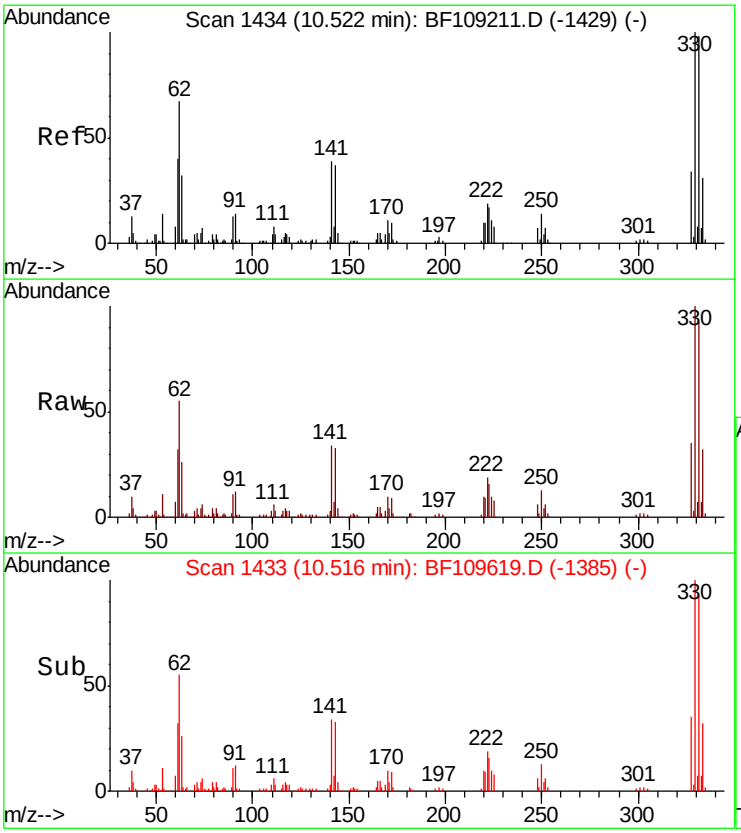
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:164 Resp: 182135

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.5	38.3	57.5

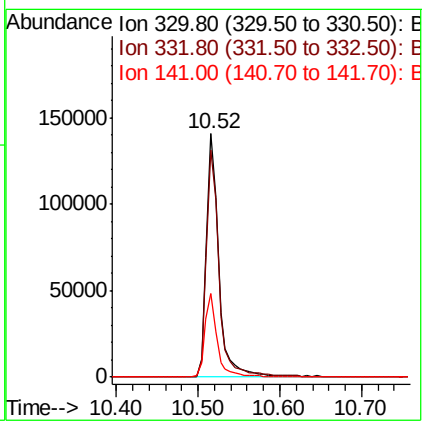


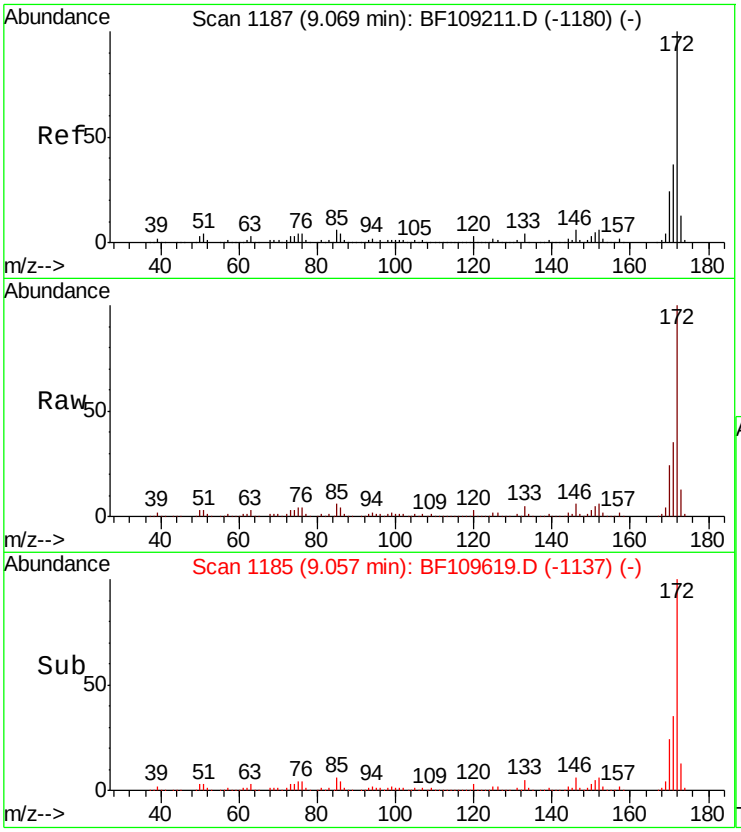


#41
2,4,6-Tribromophenol
Concen: 83.350 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:330 Resp: 149652

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.3	29.9	44.9



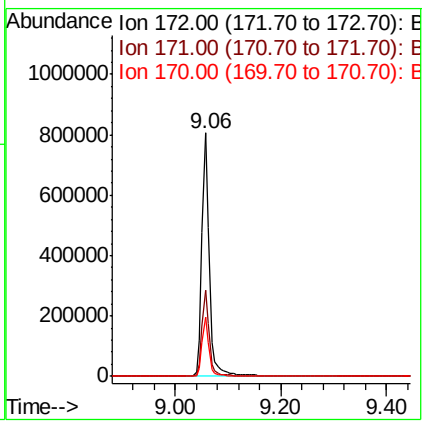


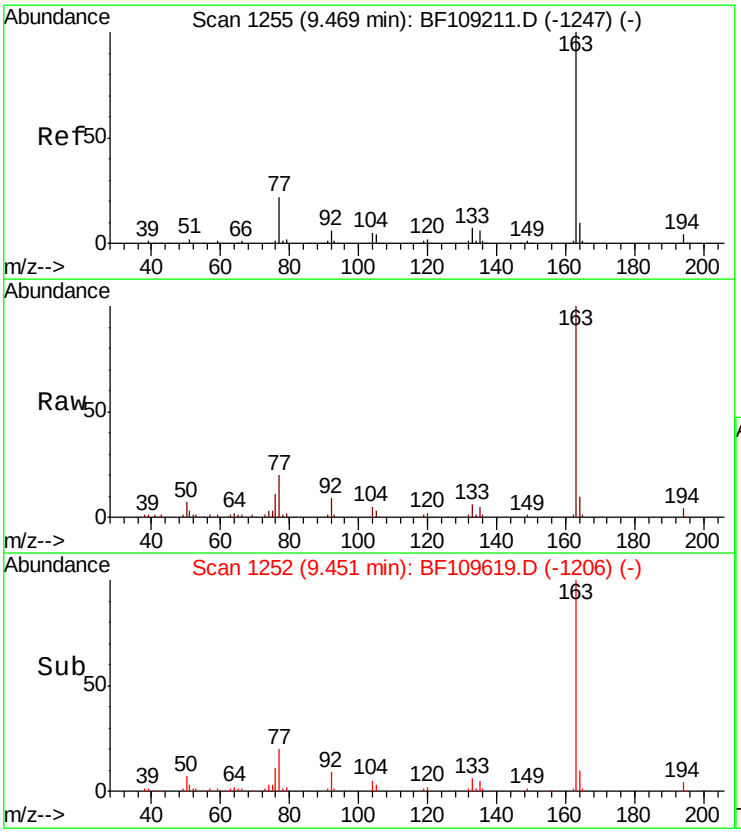
#44
2-Fluorobiphenyl
Concen: 65.809 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:172 Resp: 794738

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.3	19.6	29.4

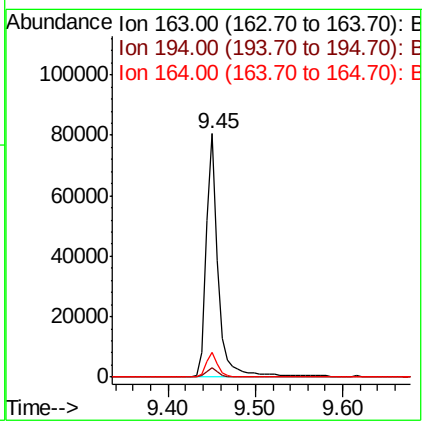


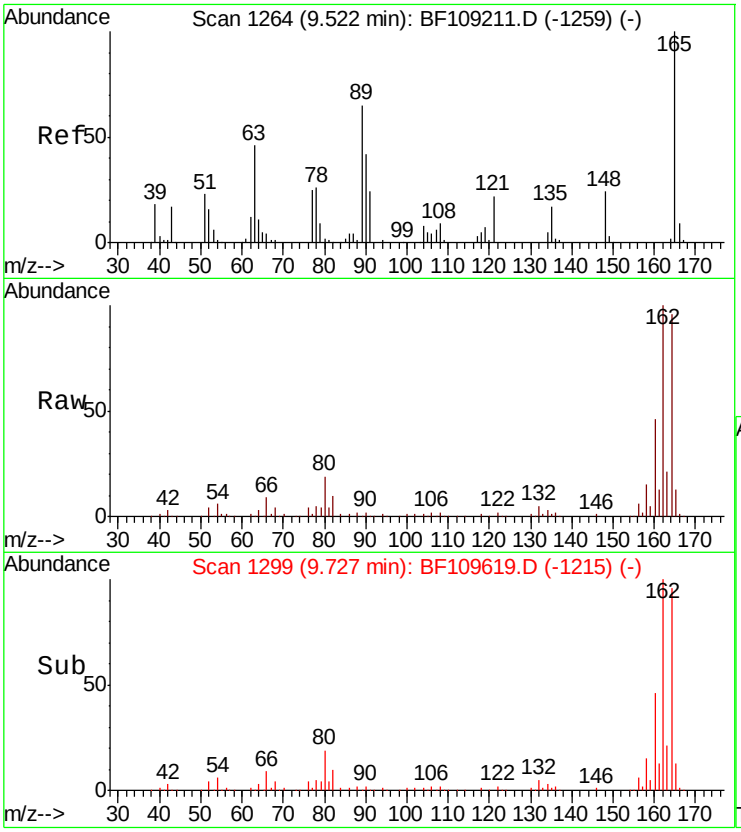


#49
Dimethylphthalate
Concen: 5.821 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:163 Resp: 77107

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2



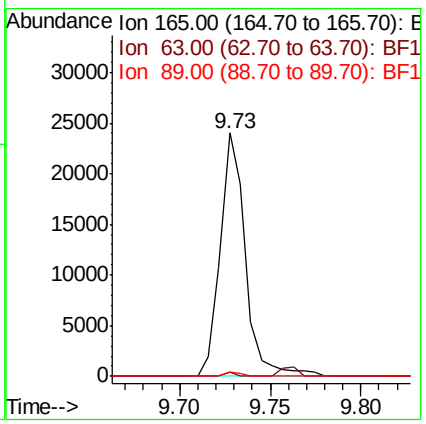


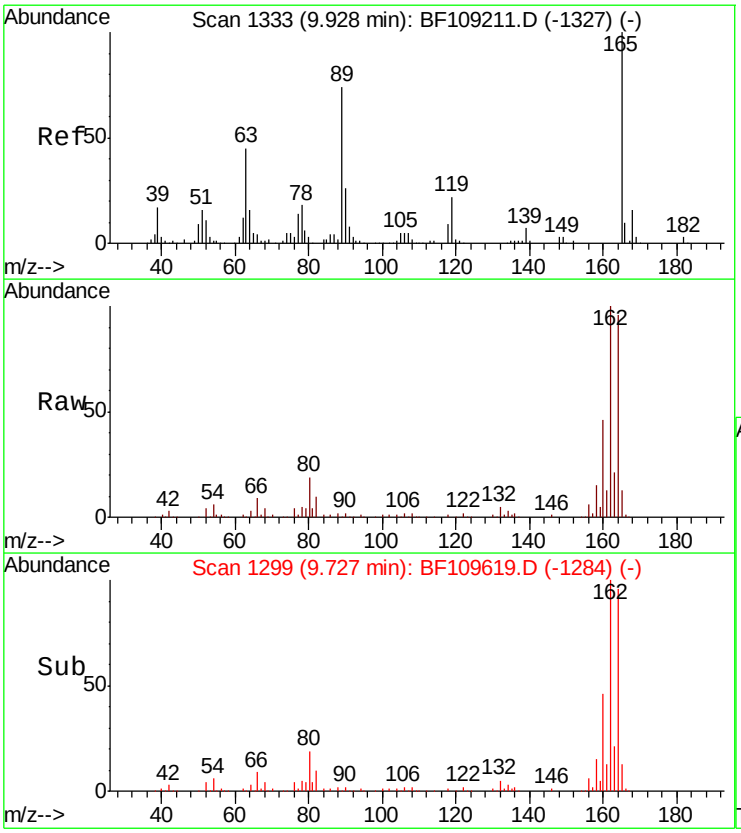
#50
2,6-Dinitrotoluene
Concen: 8.842 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:165 Resp: 23199

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#

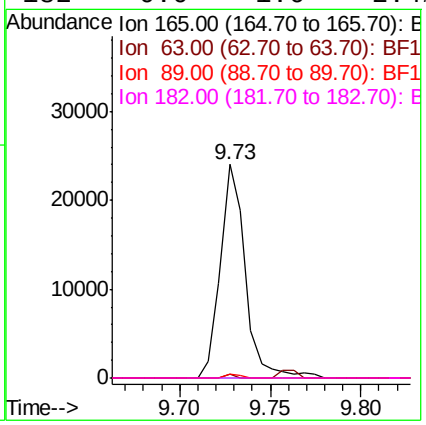


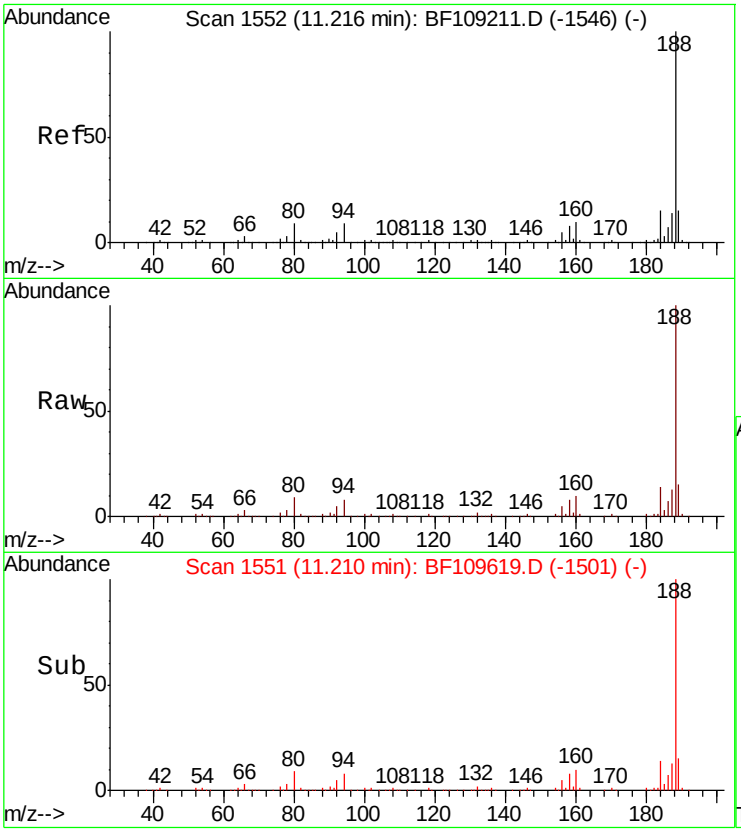


#56
2,4-Dinitrotoluene
Concen: 6.988 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:165 Resp: 23199

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



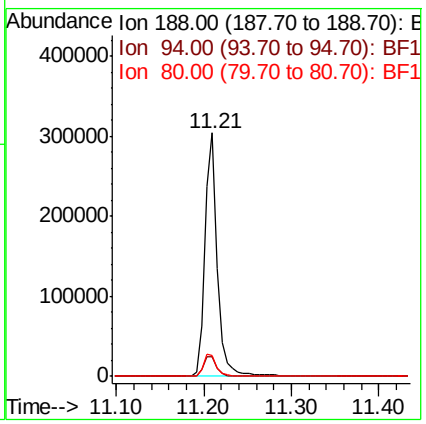


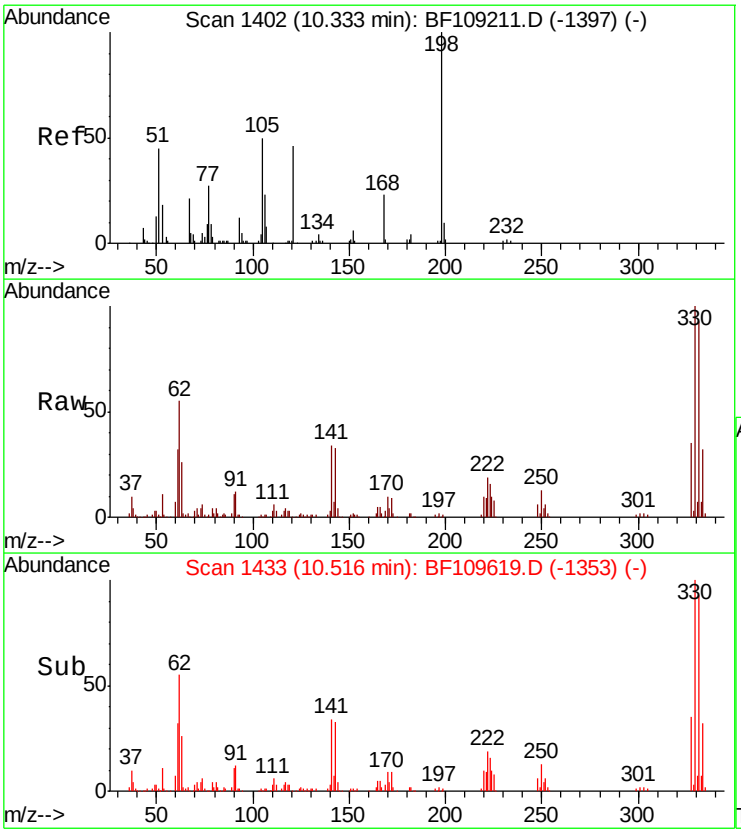
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:188 Resp: 297890

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.8	9.2	13.8#

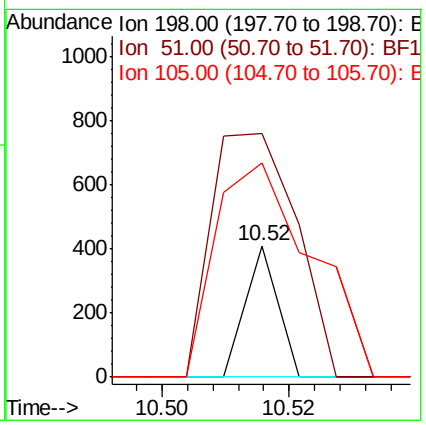


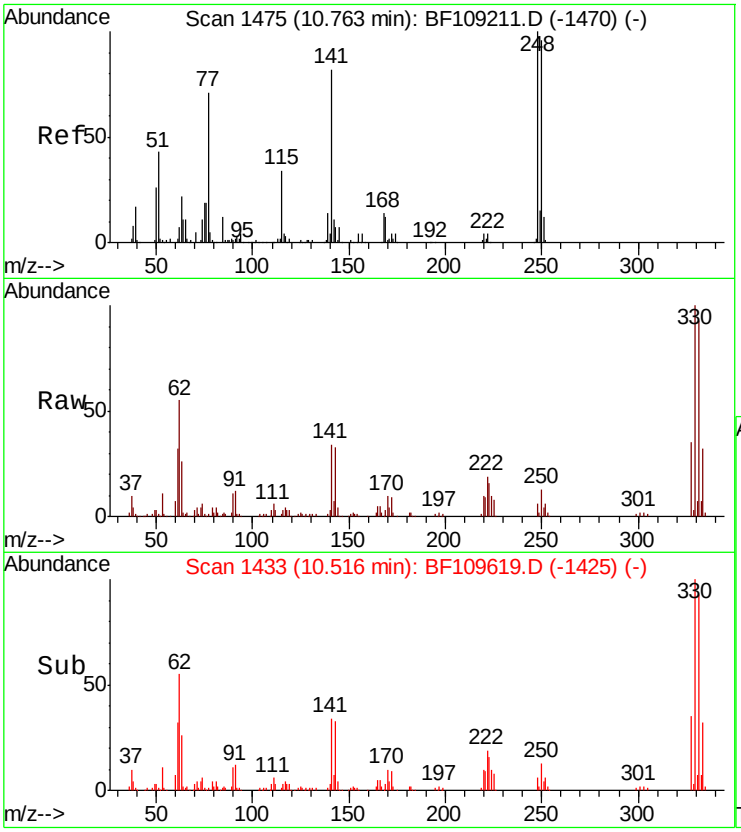


#64
4,6-Dinitro-2-methylphenol
Concen: 6.625 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:198 Resp: 145

Ion	Ratio	Lower	Upper
198	100		
51	185.2	37.7	77.7#
105	163.0	36.3	76.3#



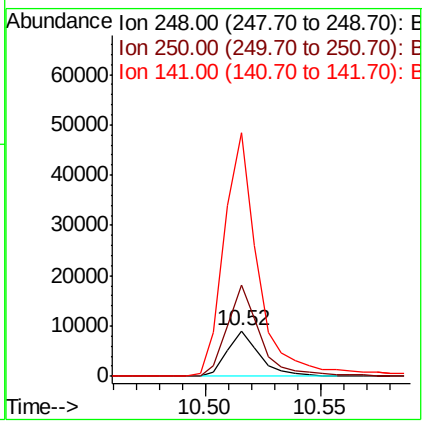


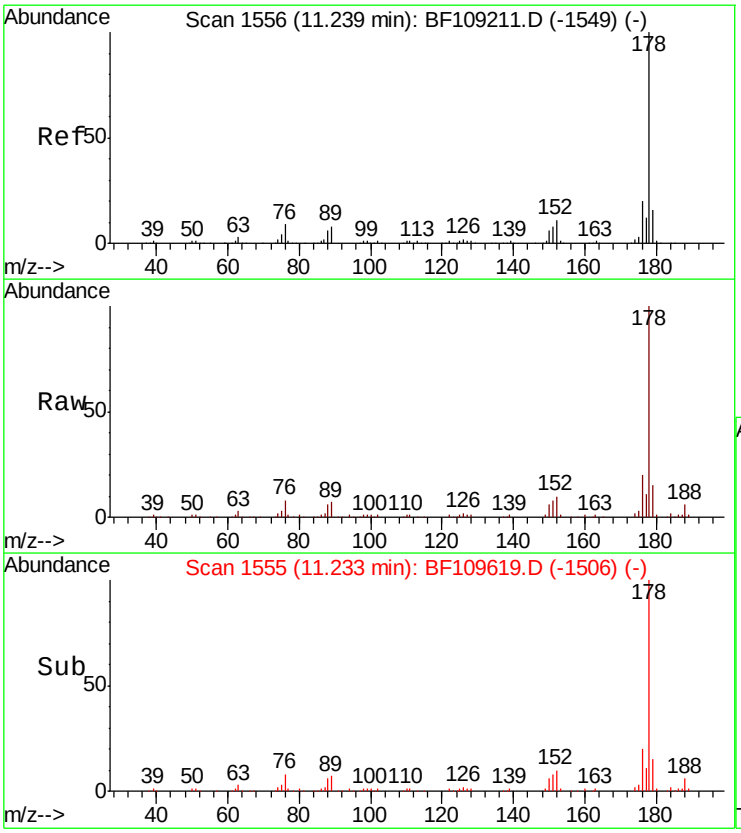
#66
4-Bromophenyl-phenylether
Concen: 2.682 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:248 Resp: 8872

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	532.0	74.4	111.6#

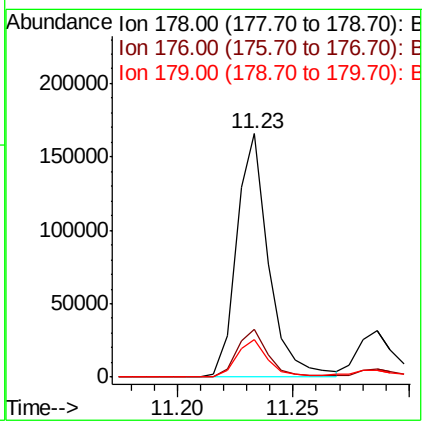


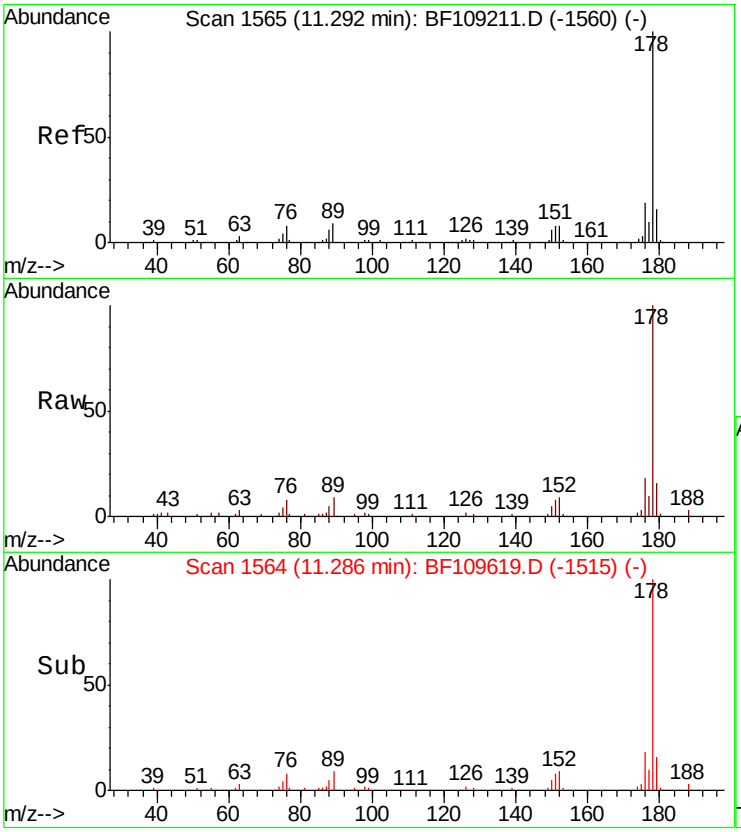


#70
Phenanthrene
Concen: 10.796 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:178 Resp: 160579

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6



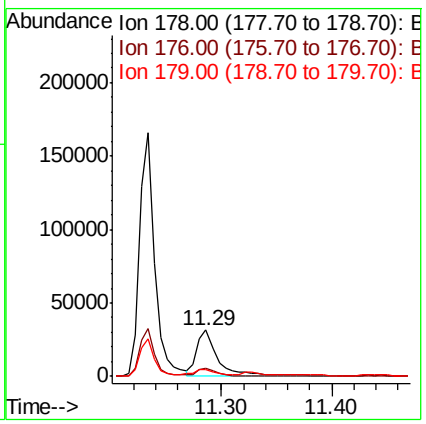


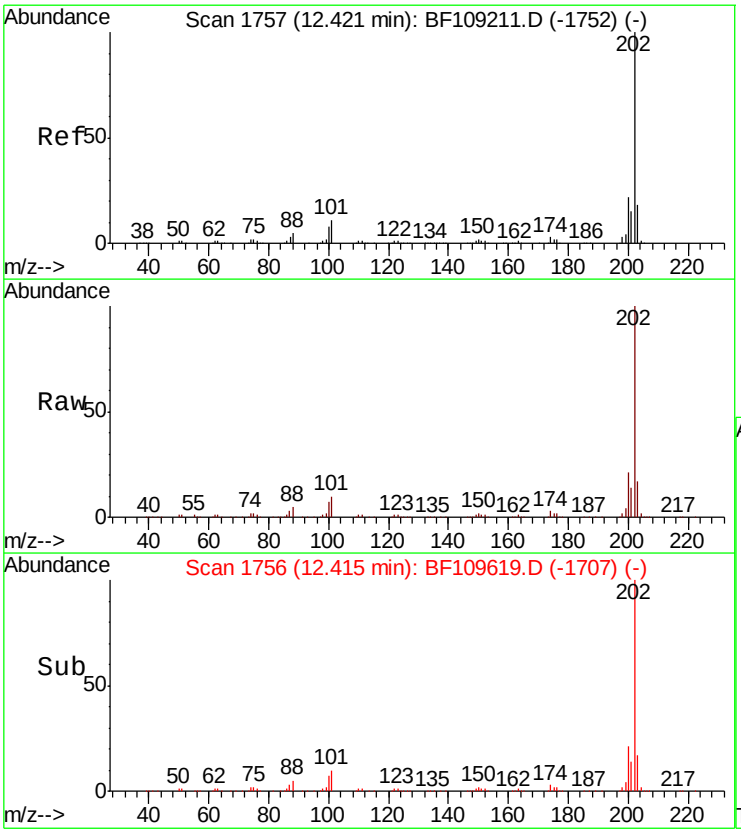
#71
Anthracene
Concen: 2.712 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:178 Resp: 40907

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.8	12.6	19.0

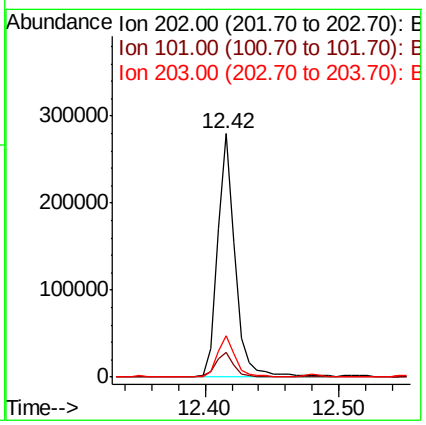


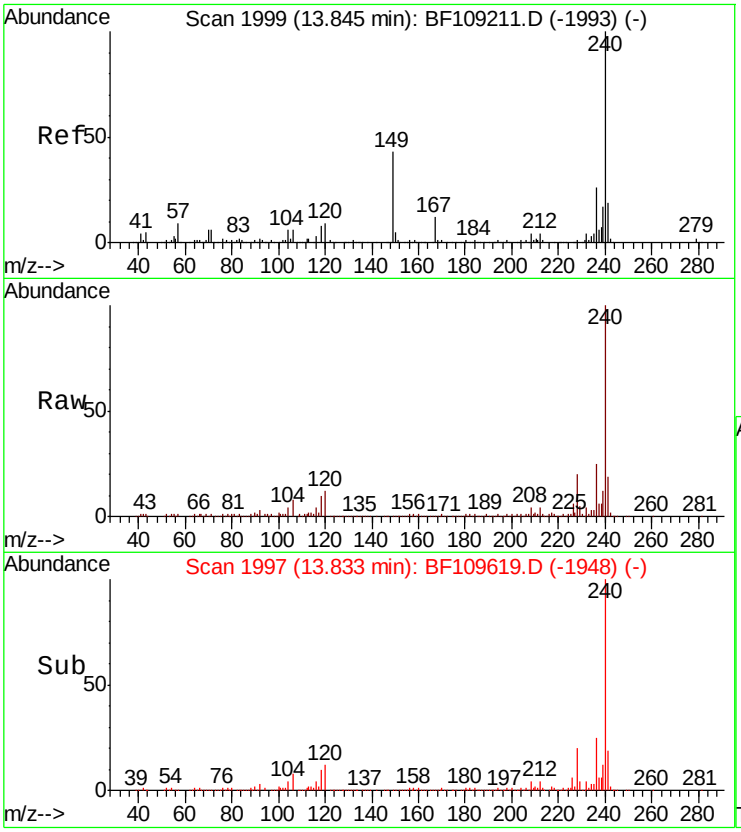


#74
Fluoranthene
Concen: 16.344 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:202 Resp: 259785

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.1	0.0	38.1



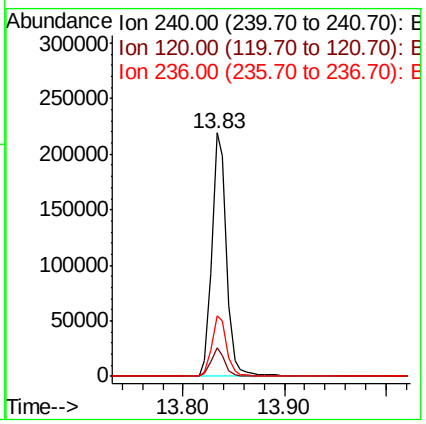


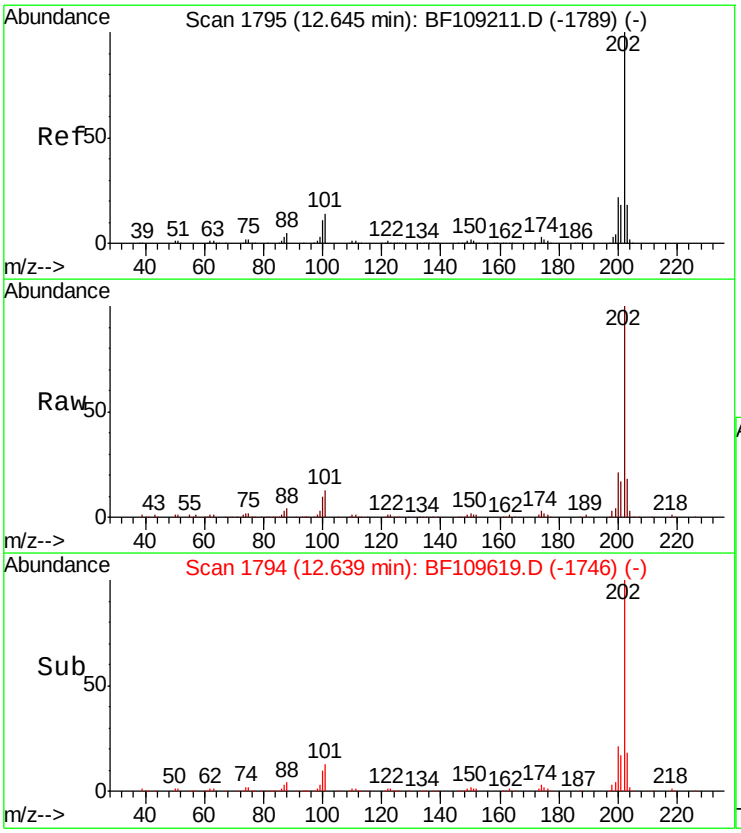
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:240 Resp: 220889

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.1	20.7	31.1

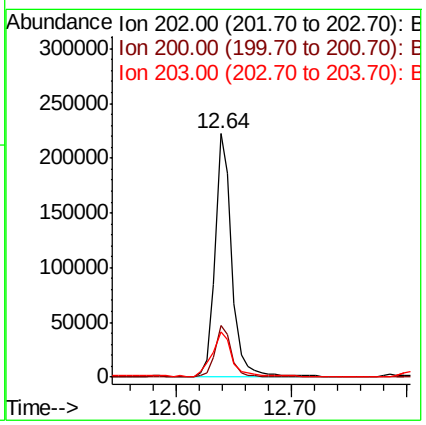


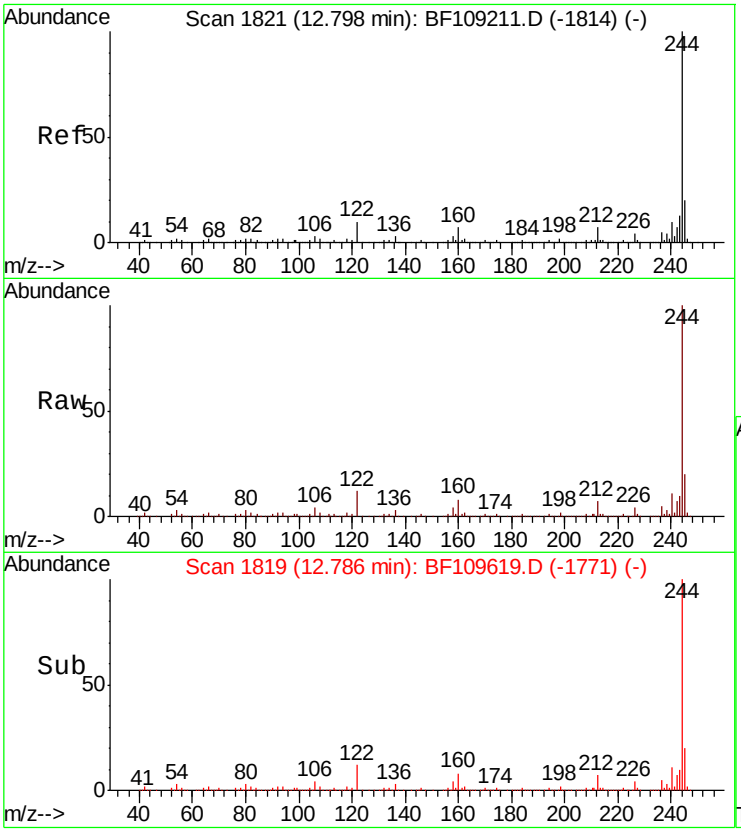


#77
Pyrene
Concen: 14.266 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:202 Resp: 225848

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.4	14.3	21.5



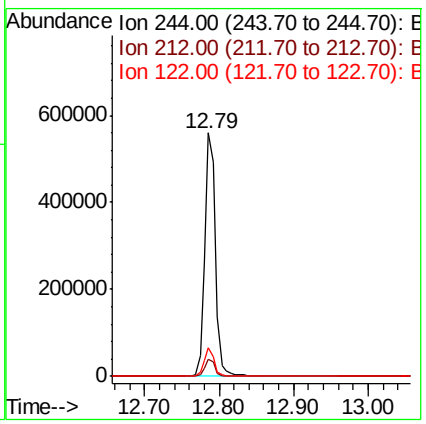


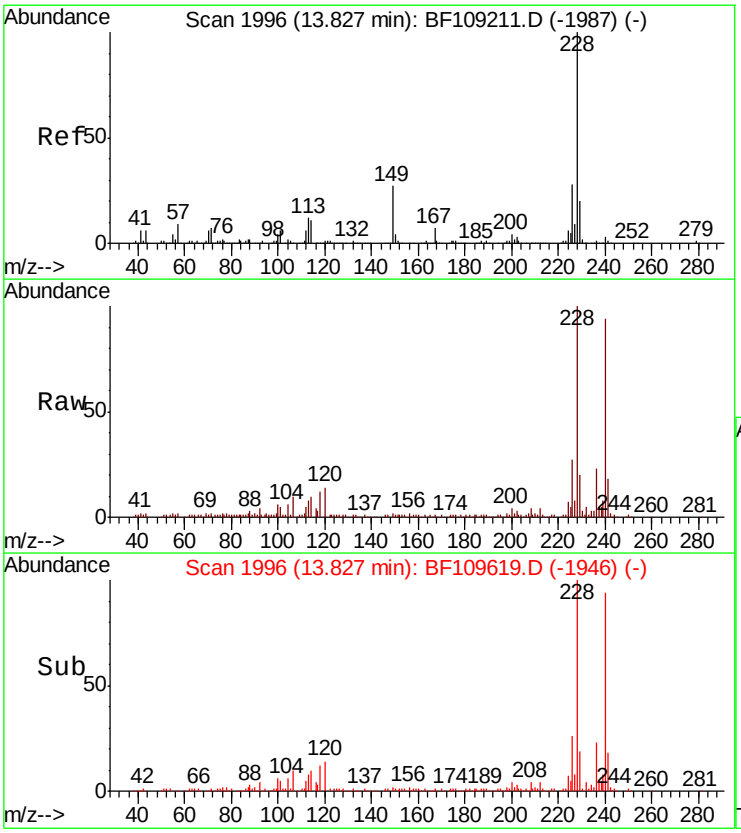
#78
Terphenyl-d14
Concen: 61.663 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:244 Resp: 555001

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4

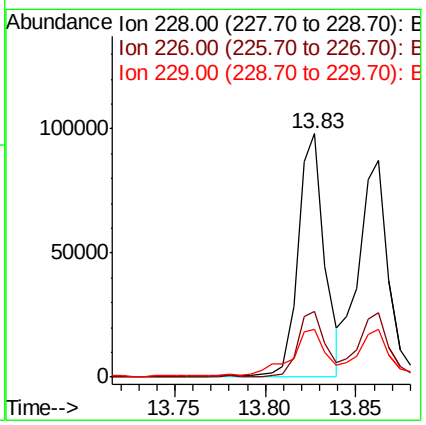


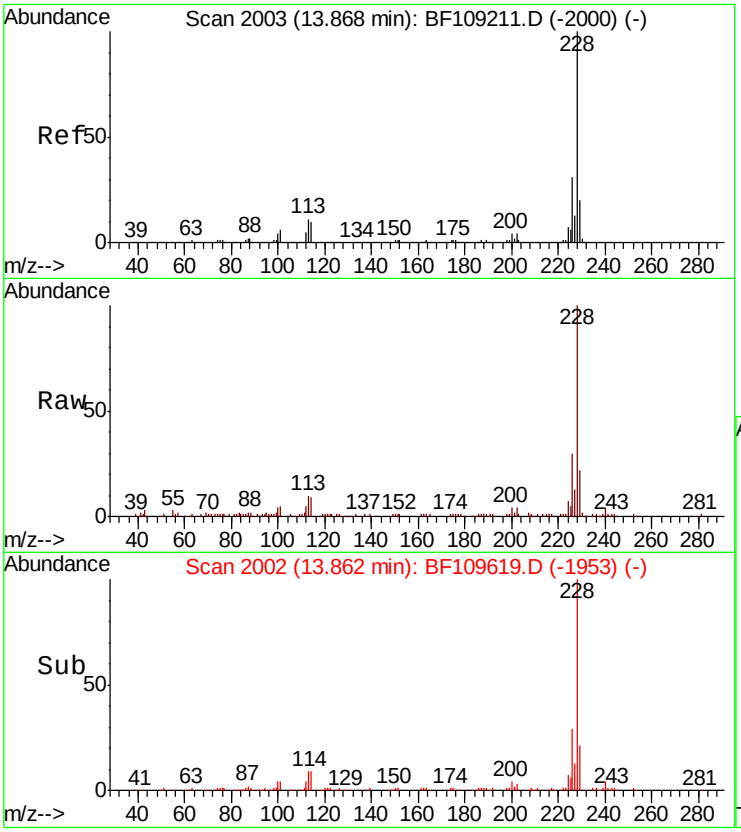


#80
Benzo(a)anthracene
Concen: 7.612 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:228 Resp: 101277

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.7	15.8	23.6



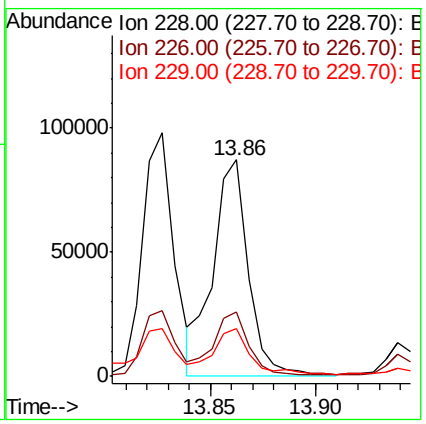


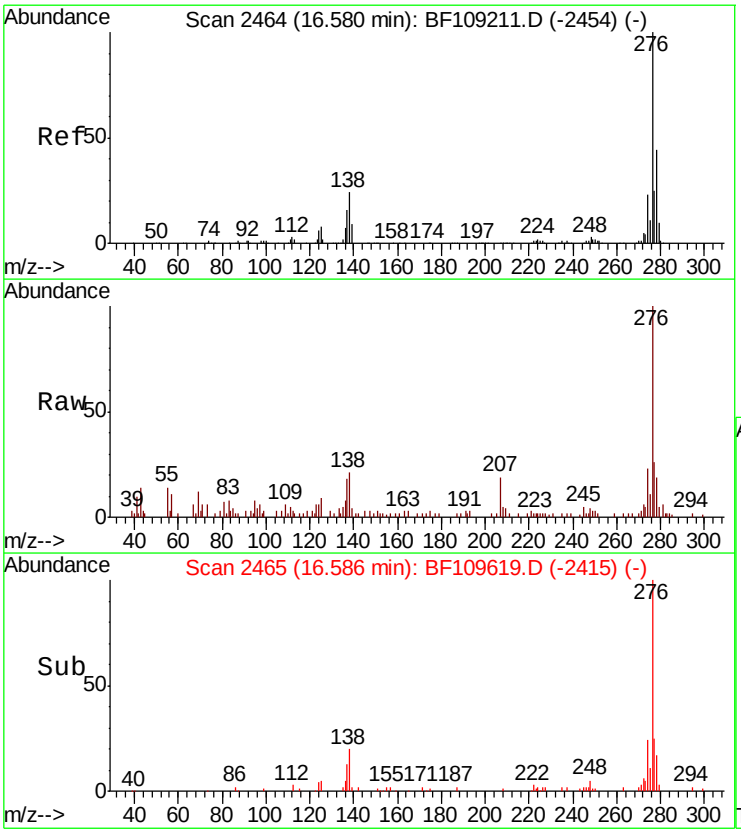
#82
Chrysene
Concen: 7.672 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:228 Resp: 101169

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.9	16.2	24.4

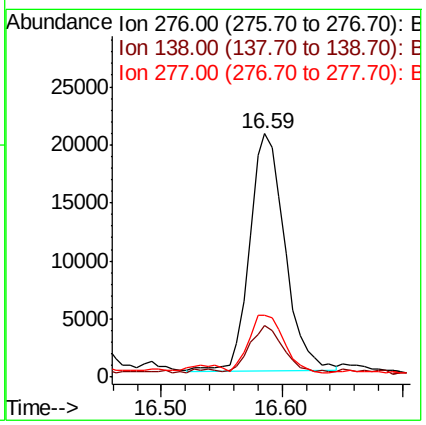


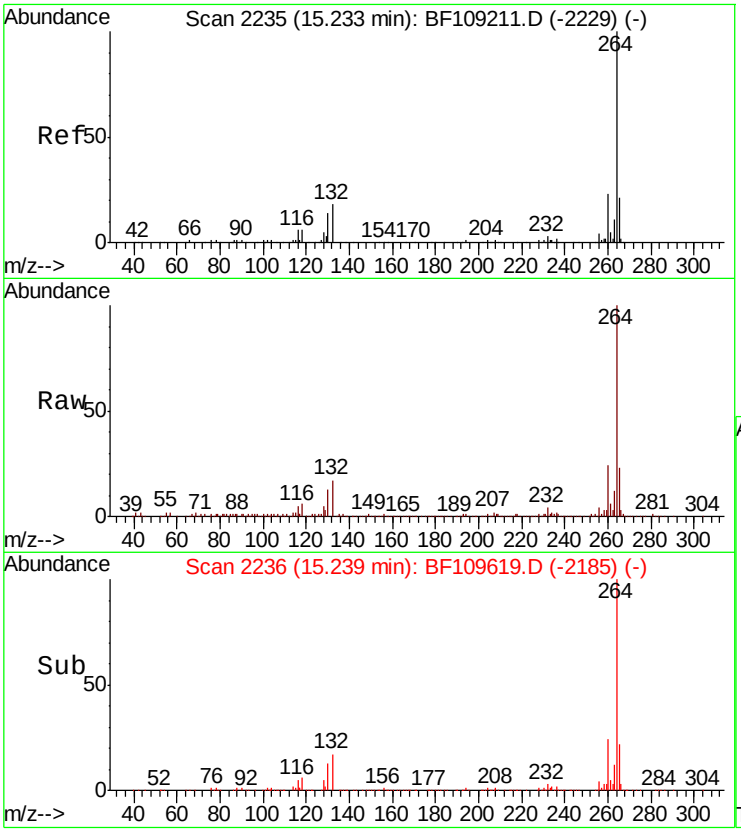


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.883 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:276 Resp: 41508

Ion	Ratio	Lower	Upper
276	100		
138	18.5	25.0	37.6#
277	25.1	20.1	30.1



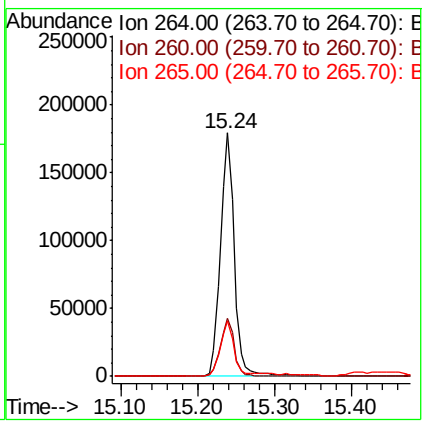


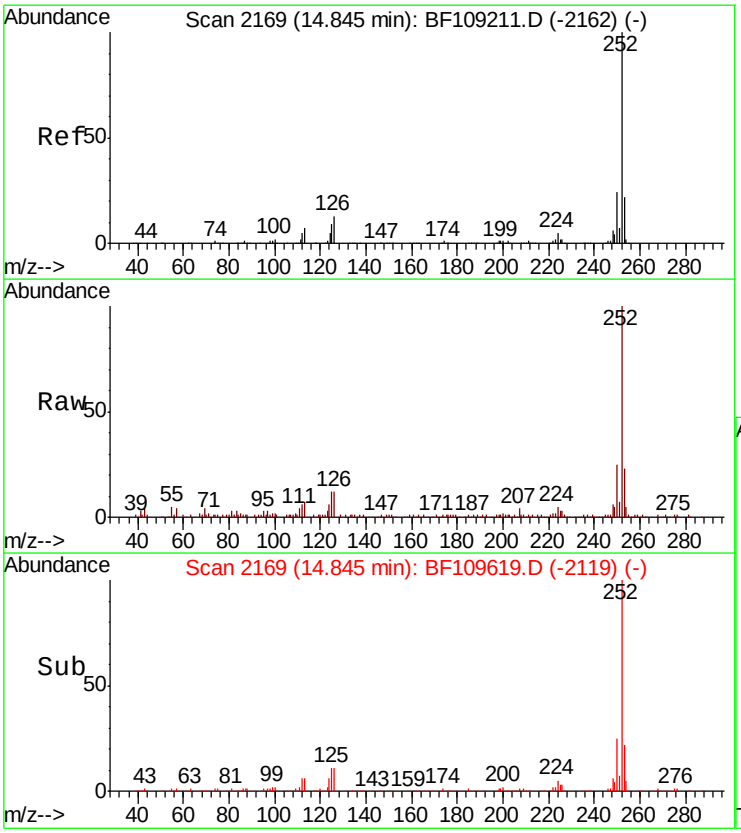
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:264 Resp: 223882

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	17.5	26.3

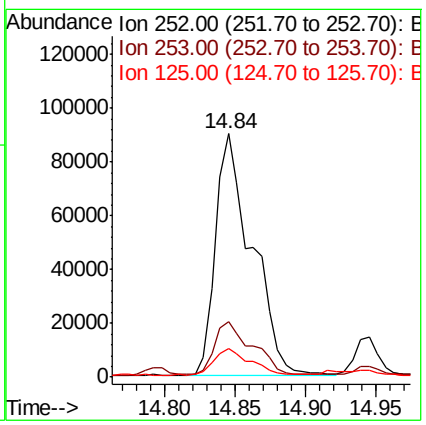


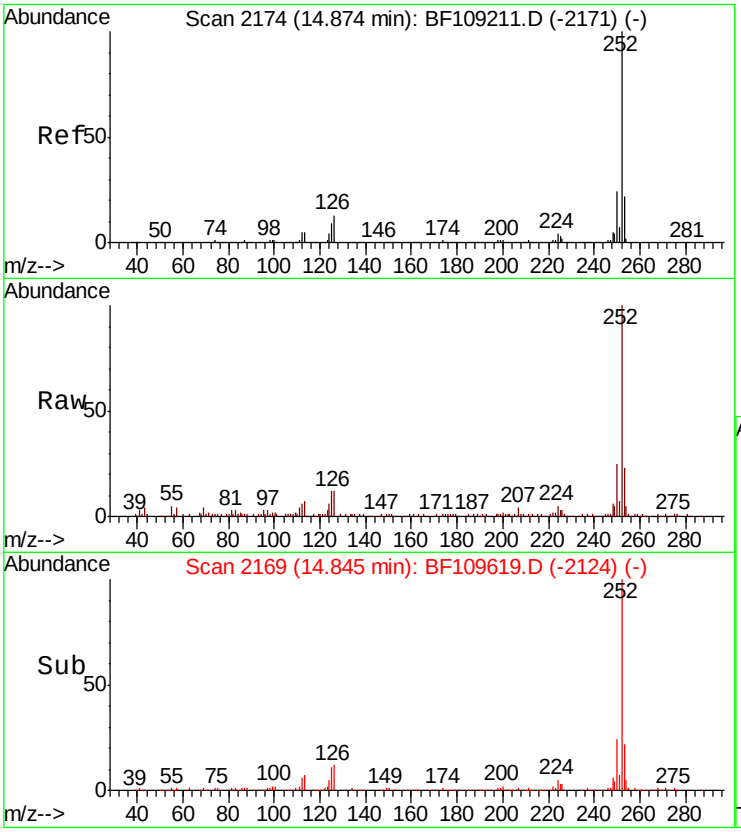


#87
Benzo(b)fluoranthene
Concen: 13.219 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:252 Resp: 162622

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.9	9.0	13.6



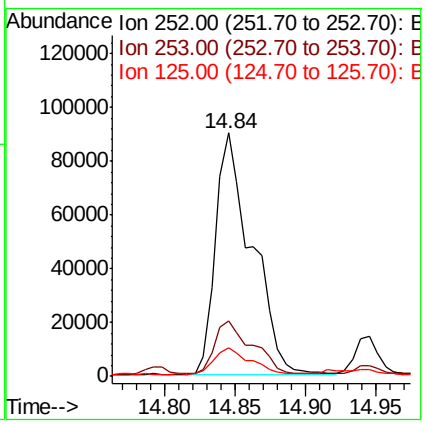


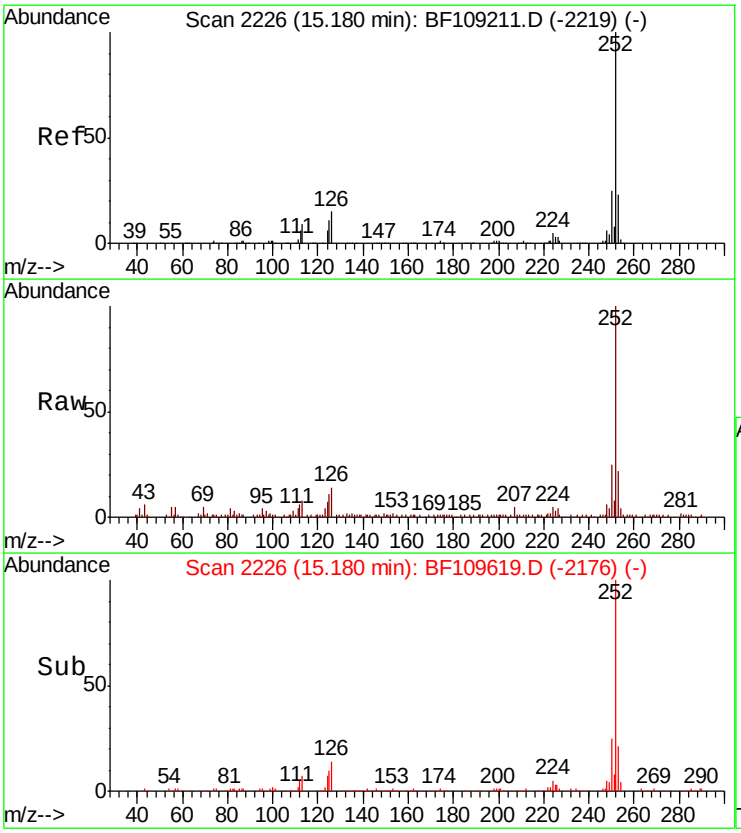
#88
Benzo(k)fluoranthene
Concen: 13.931 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tgt Ion:252 Resp: 162622

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.9	10.2	15.2





#89
Benzo(a)pyrene
Concen: 7.873 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion:252 Resp: 87279

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	11.3	9.8	14.6