Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109433.D
Acq On : 28 Sep 2018 16:46
Operator : JU/SJ
Sample : J4776-09 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 28 18:17:50 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	127334	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	461708	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	186943	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	312383	20.00	ng		0.00
75) Chrysene-d12	13.84	240	256611	20.00	ng		0.00
86) Perylene-d12	15.25	264	206876	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	113188	14.64	ng		0.00
7) Phenol-d6	6.34	99	144918	14.69	ng		-0.02
23) Nitrobenzene-d5	7.26	82	87045	11.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	20429	11.09	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	155417	12.54	ng		-0.01
78) Terphenyl-d14	12.80	244	119410	11.42	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.26	82	81723	5.802	ng	#	65
50) 2,6-Dinitrotoluene	9.74	165	24697	9.171	ng	#	26
56) 2,4-Dinitrotoluene	9.74	165	24697	7.248	ng	#	24
70) Phenanthrene	11.24	178	61107	3.918	ng		98
74) Fluoranthene	12.42	202	89234	5.354	ng		97
77) Pyrene	12.65	202	86641	4.711	ng		99
80) Benzo(a)anthracene	13.83	228	38158	2.469	ng		95
82) Chrysene	13.87	228	34045	2.222	ng		97
87) Benzo(b)fluoranthene	14.85	252	45011	3.960	ng	#	77
88) Benzo(k)fluoranthene	14.85	252	45011	4.173	ng	#	80
89) Benzo(a)pyrene	15.19	252	23003	2.246	ng	#	80

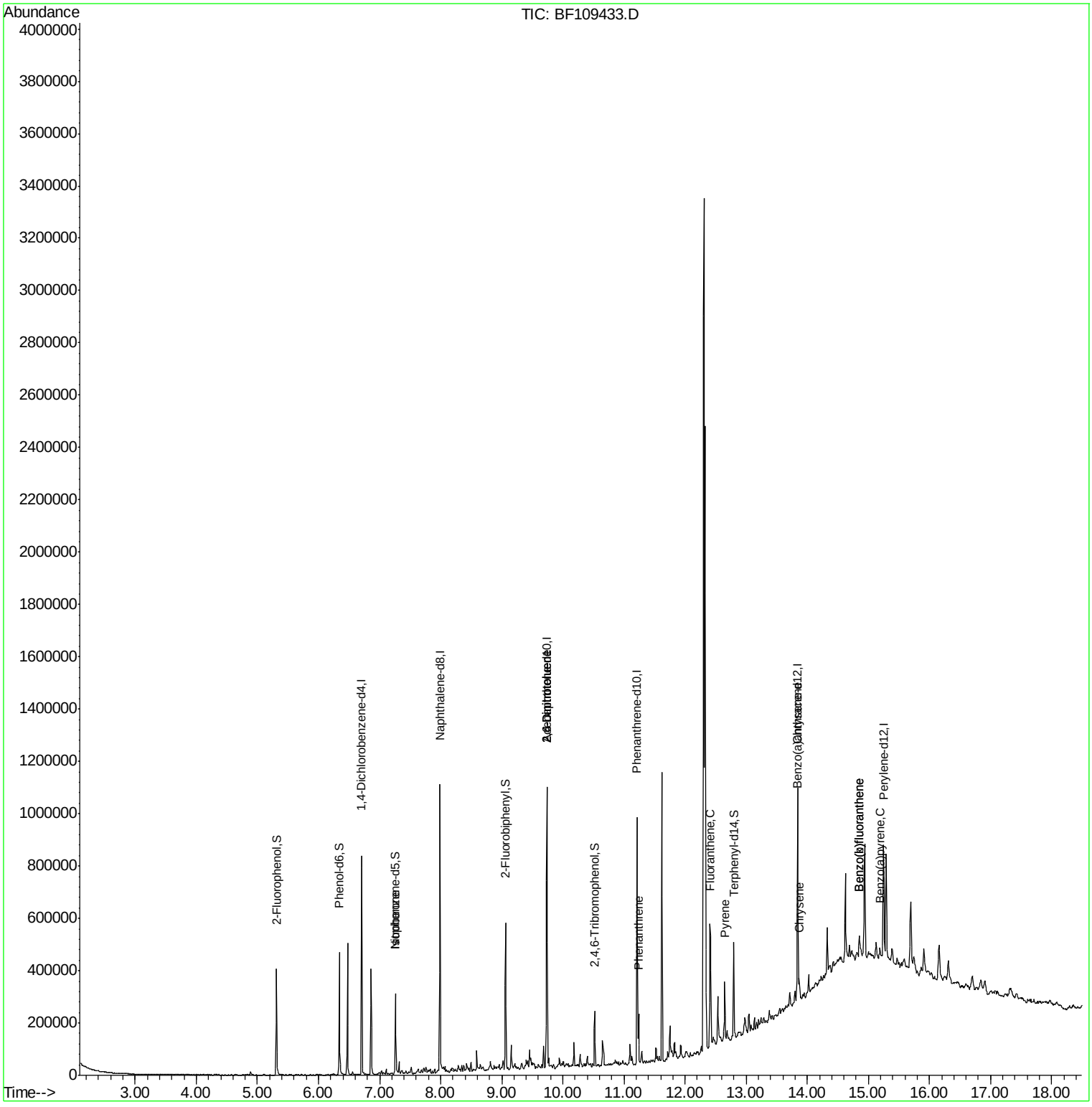
(#) = qualifier out of range (m) = manual integration (+) = signals summed

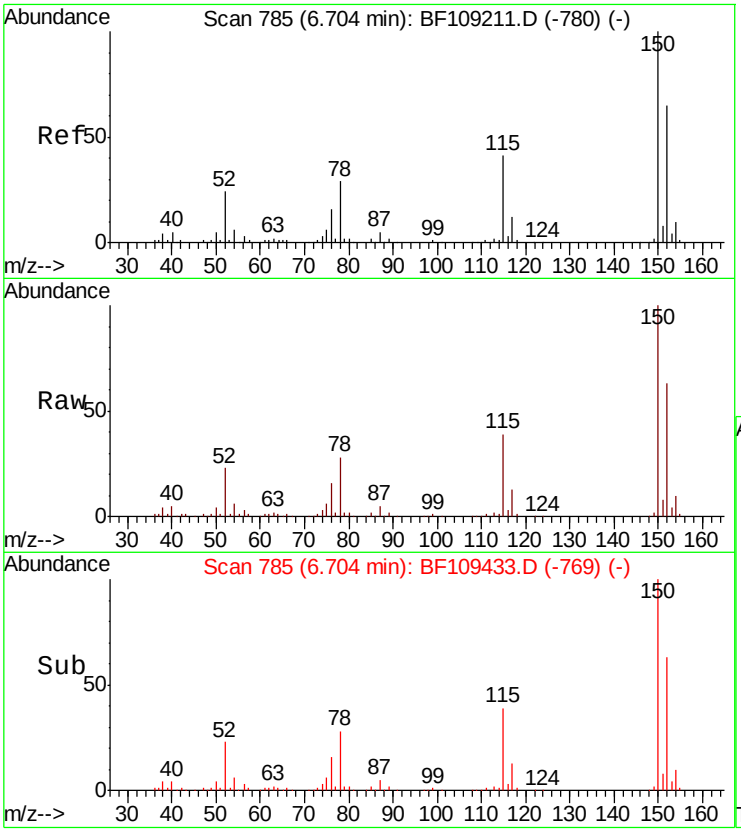
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109433.D
Acq On : 28 Sep 2018 16:46
Operator : JU/SJ
Sample : J4776-09 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 28 18:17:50 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



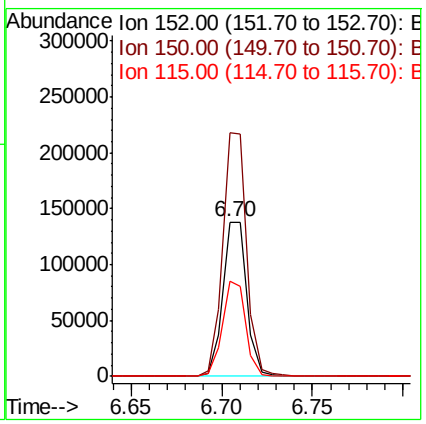


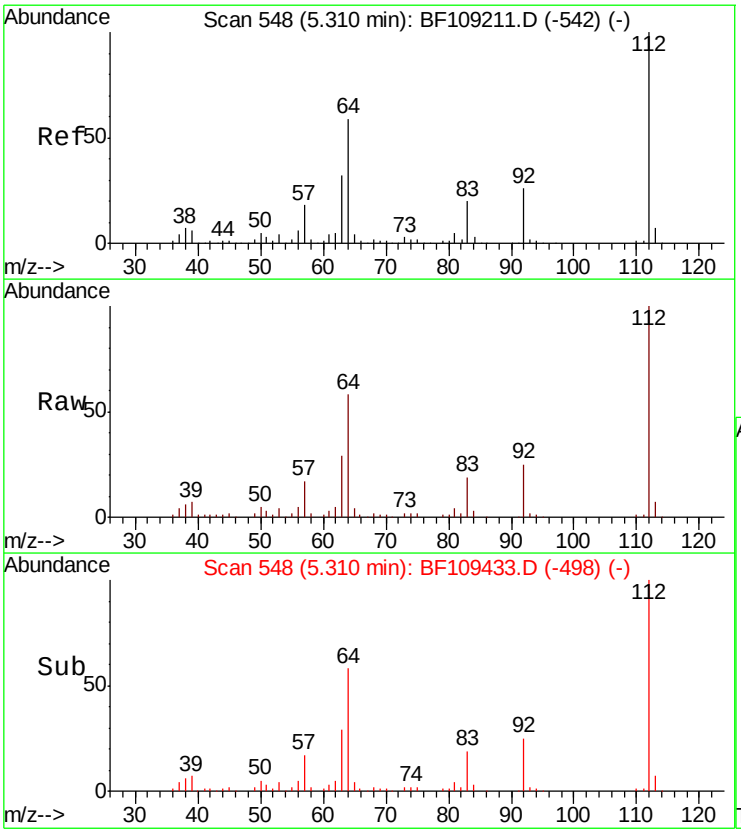
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 127334

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	61.8	50.1	75.1

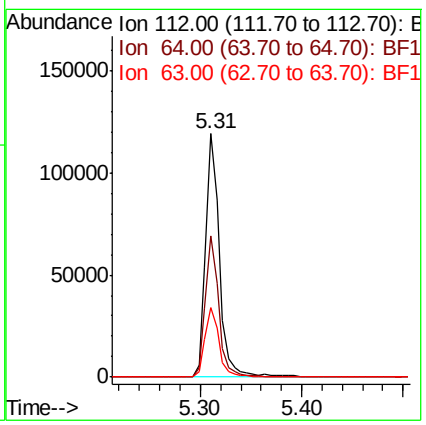


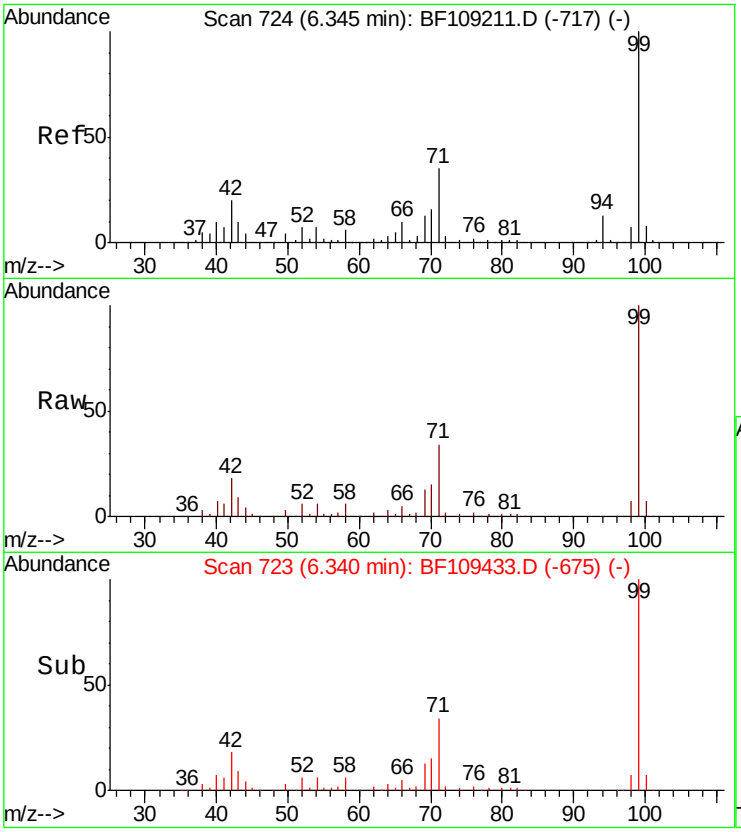


#5
2-Fluorophenol
Concen: 14.641 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:112 Resp: 113188

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	28.7	23.7	35.5



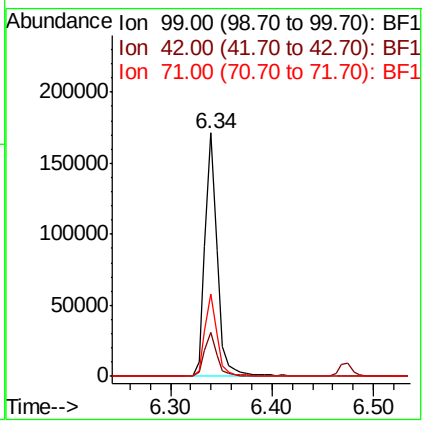


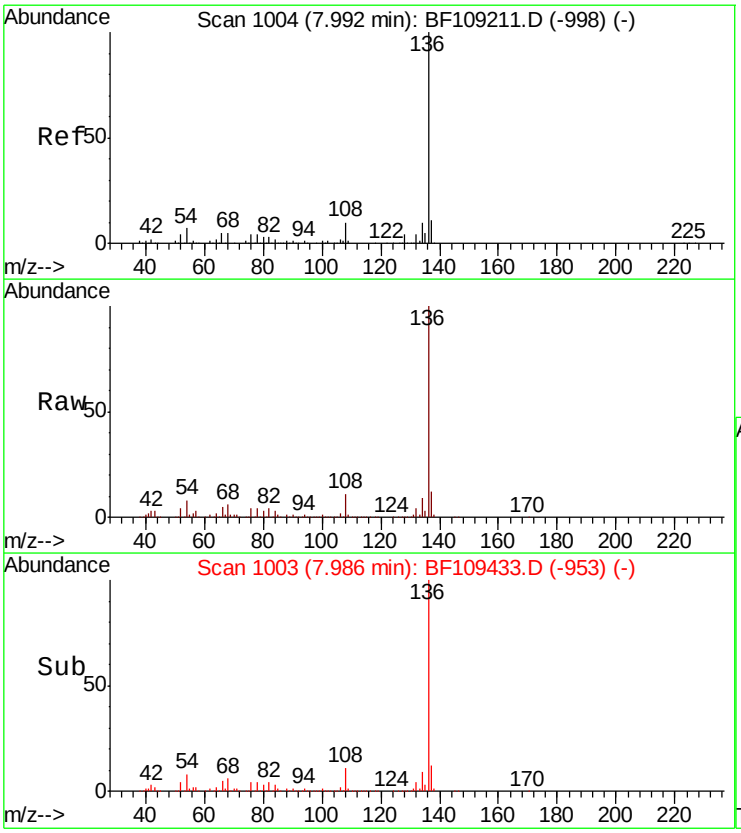
#7
Phenol-d6
Concen: 14.690 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 144918

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	33.8	25.4	38.0

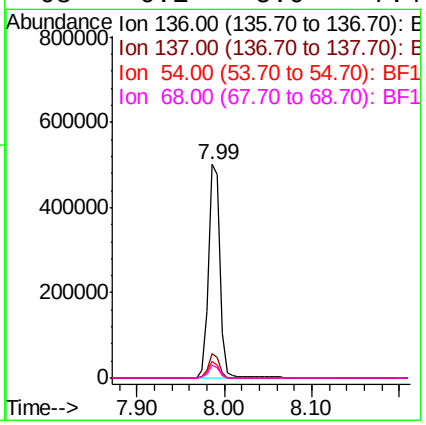


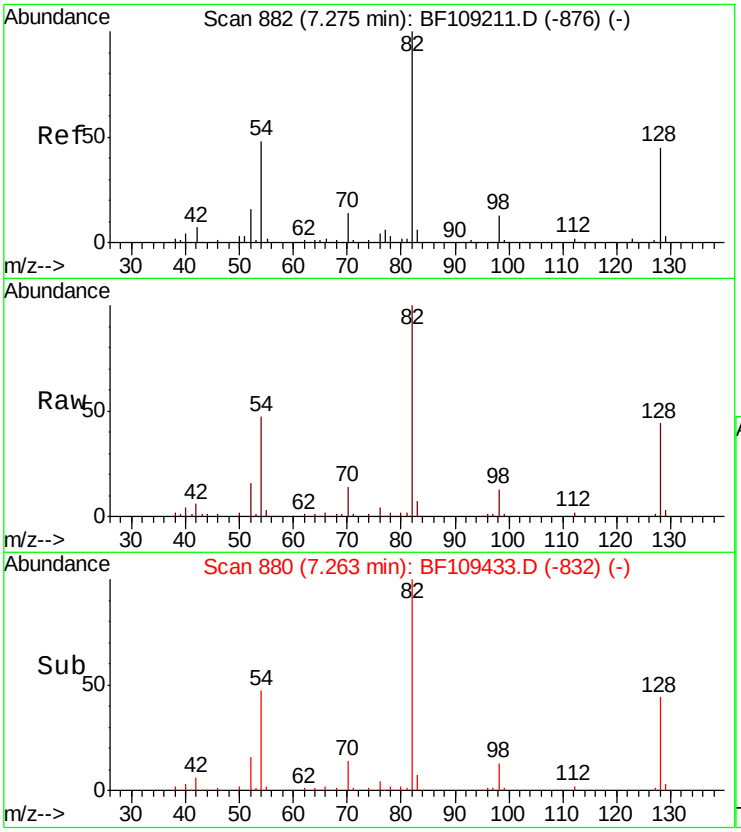


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:136 Resp: 461708

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4



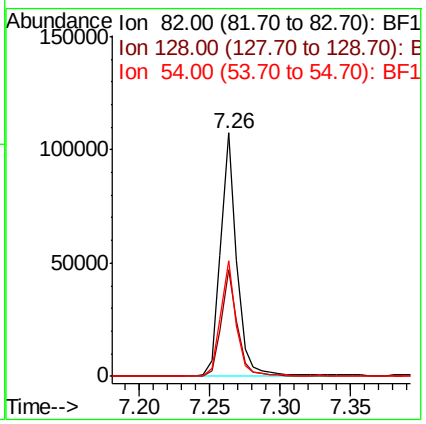


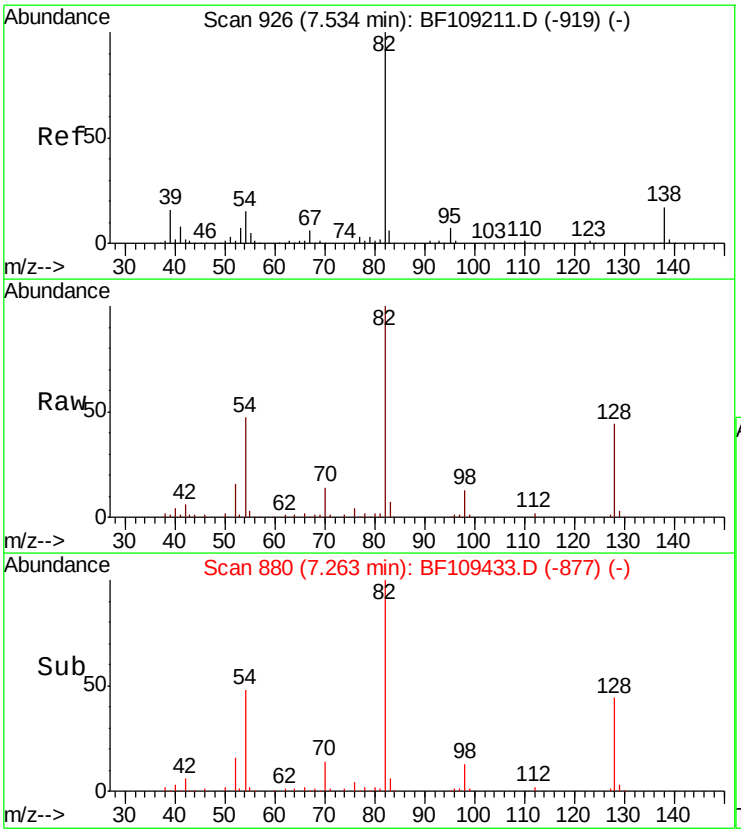
#23
Nitrobenzene-d5
Concen: 11.129 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 87045

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	47.5	41.4	62.2

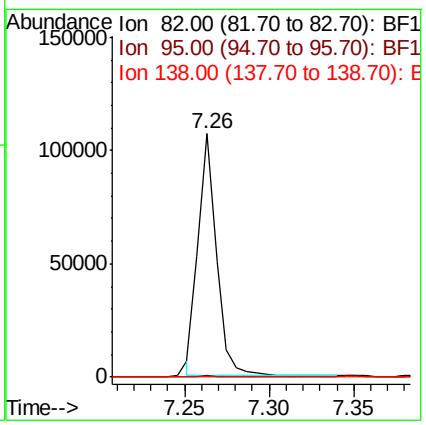


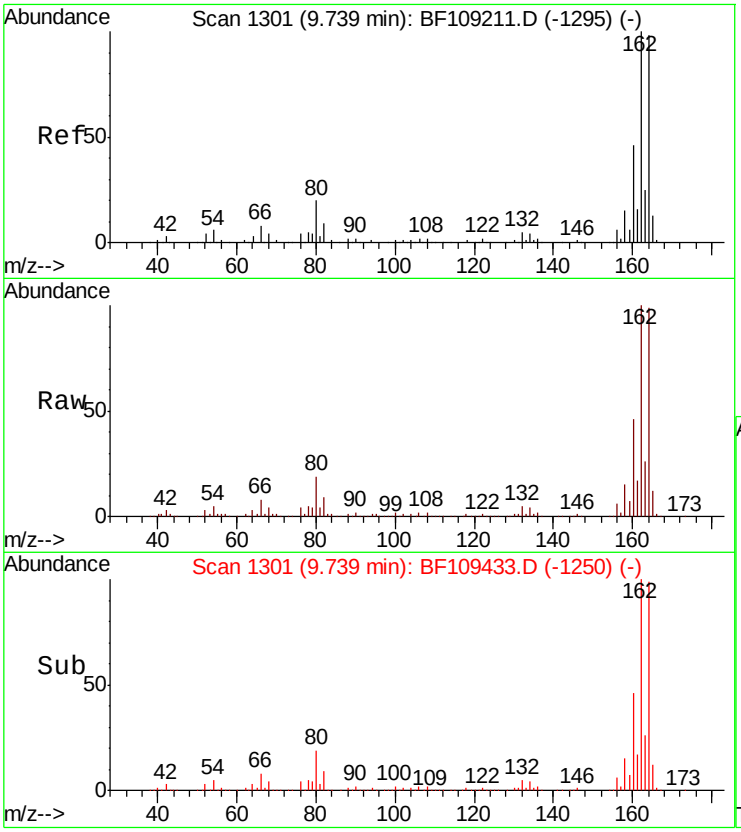


#25
Isophorone
Concen: 5.802 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion: 82 Resp: 81723

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#



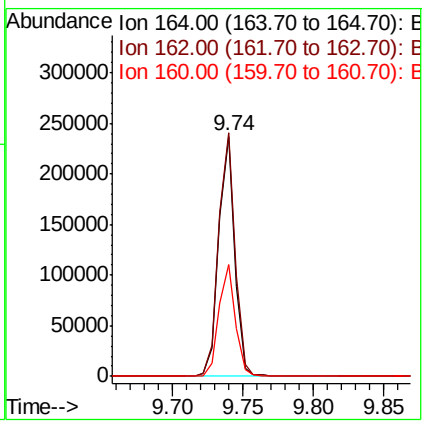


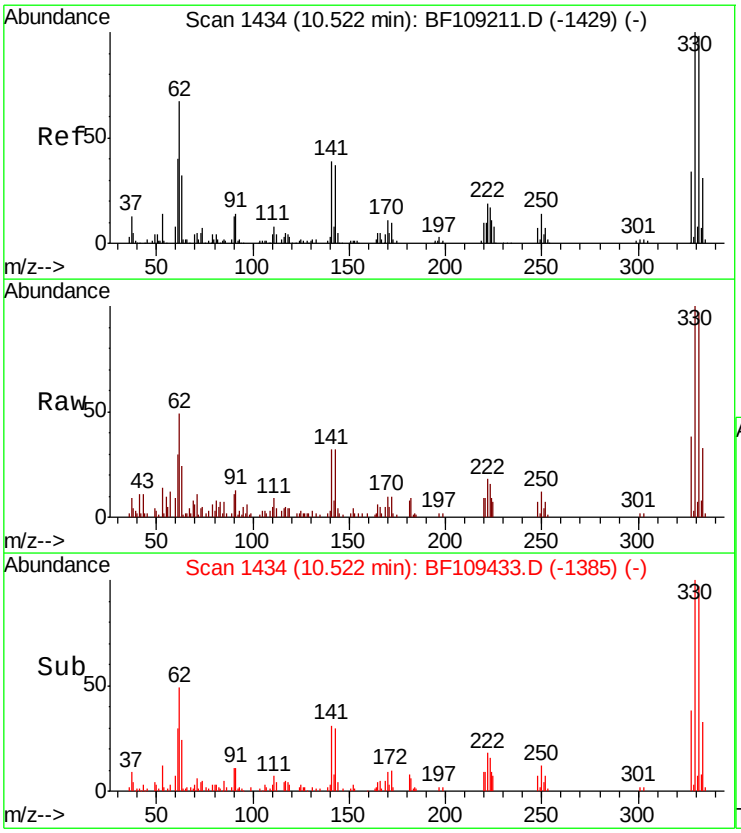
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 186943

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.7	38.3	57.5

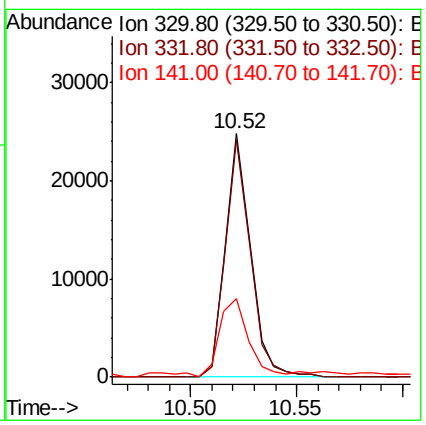


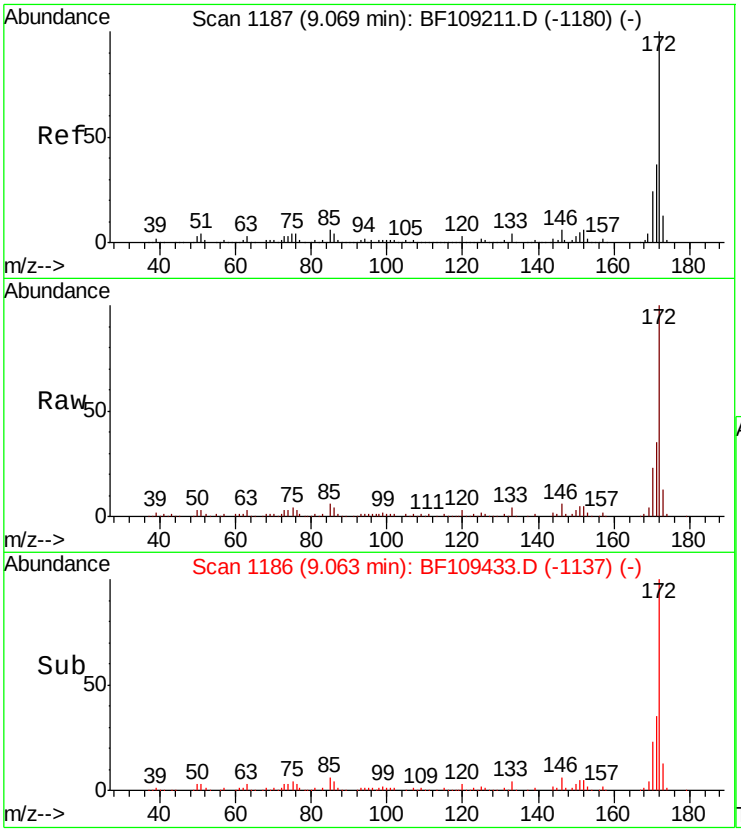


#41
2,4,6-Tribromophenol
Concen: 11.085 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:330 Resp: 20429

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	34.5	29.9	44.9



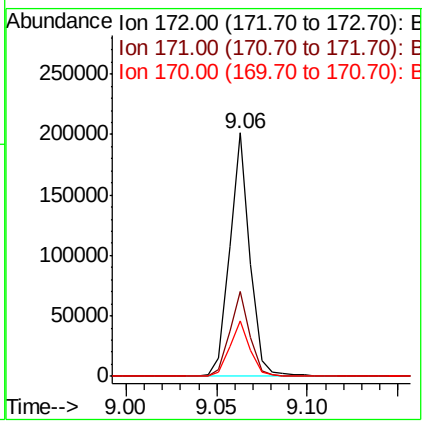


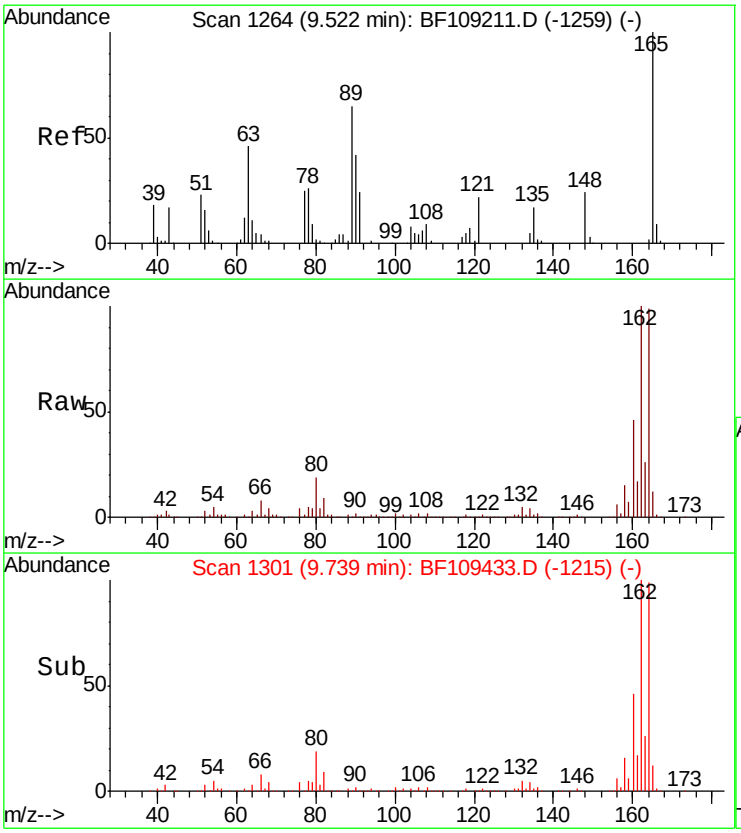
#44
2-Fluorobiphenyl
Concen: 12.539 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 155417

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.5	19.6	29.4

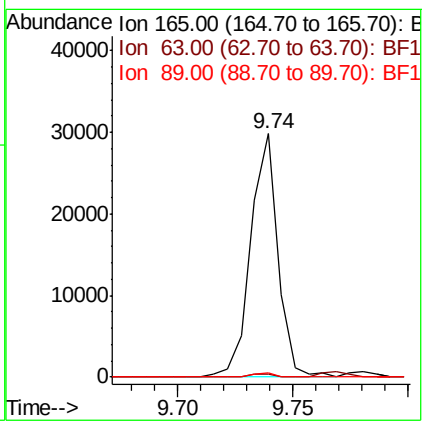


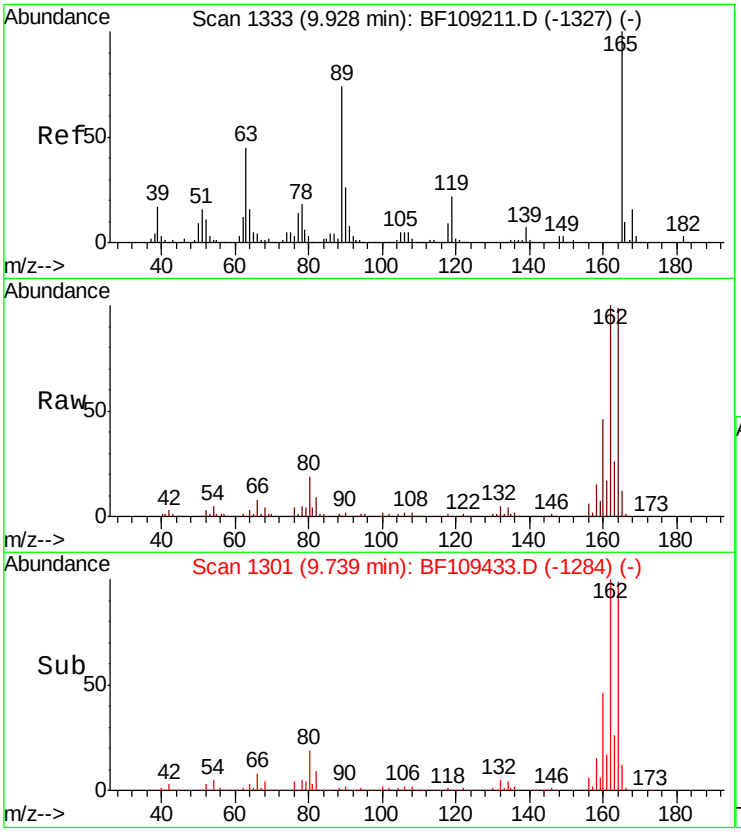


#50
2,6-Dinitrotoluene
Concen: 9.171 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:165 Resp: 24697

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.8	44.0	66.0#



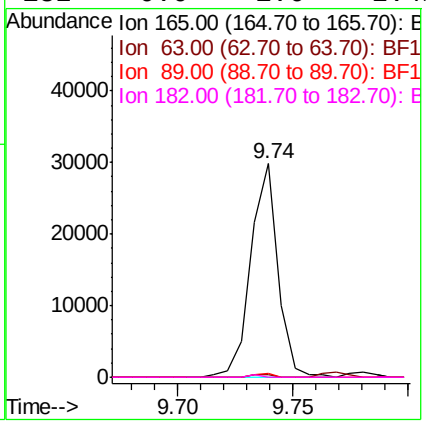


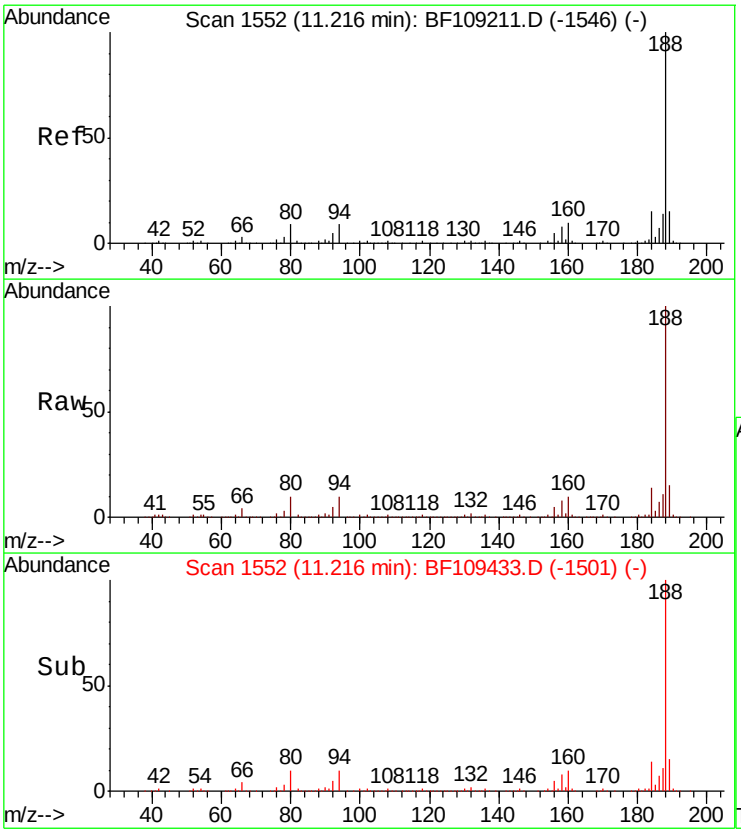
#56
2,4-Dinitrotoluene
Concen: 7.248 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24697

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

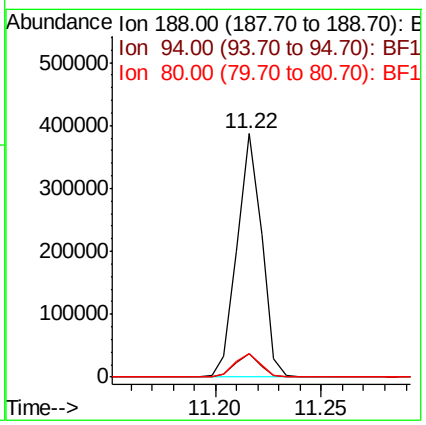


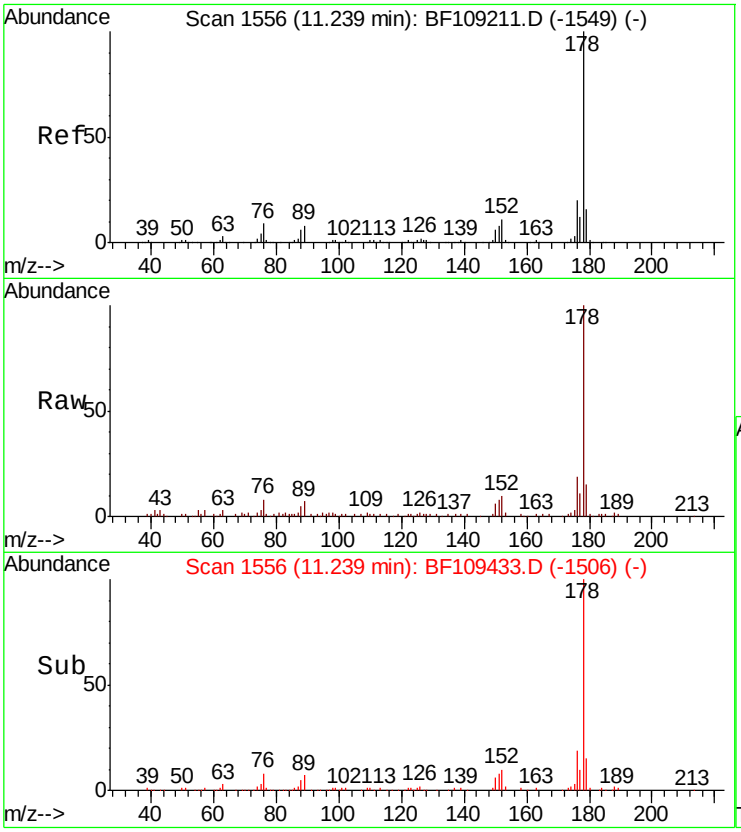


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:188 Resp: 312383

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.9	9.2	13.8



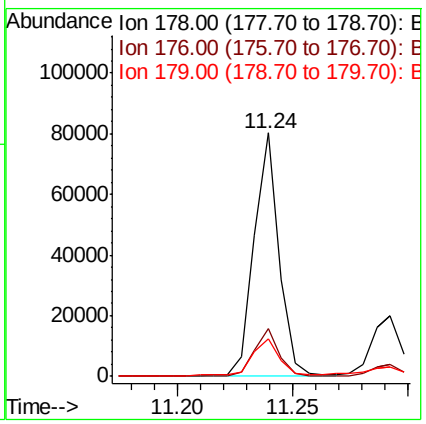


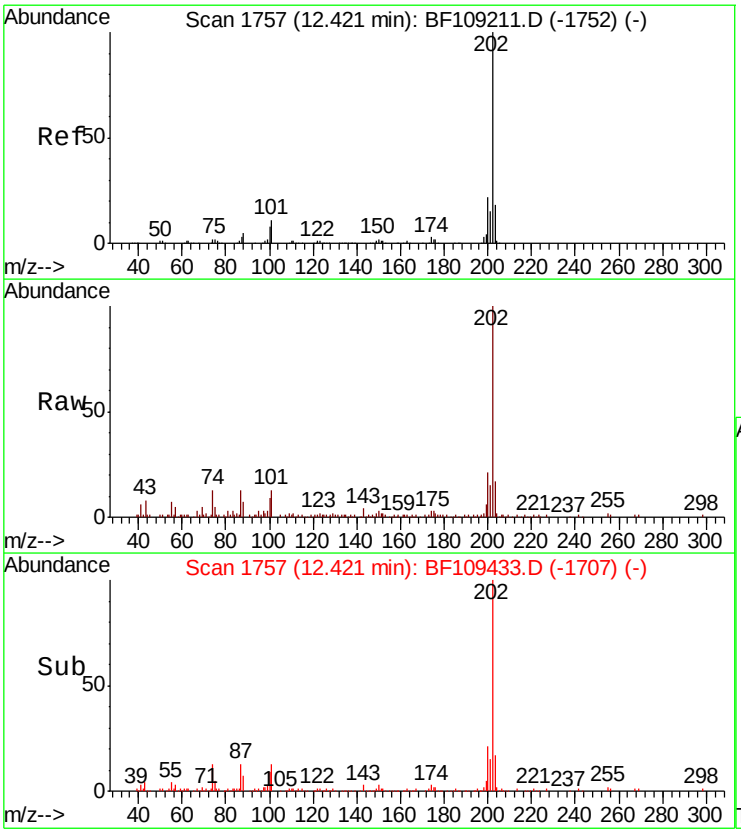
#70
Phenanthrene
Concen: 3.918 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 61107

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6

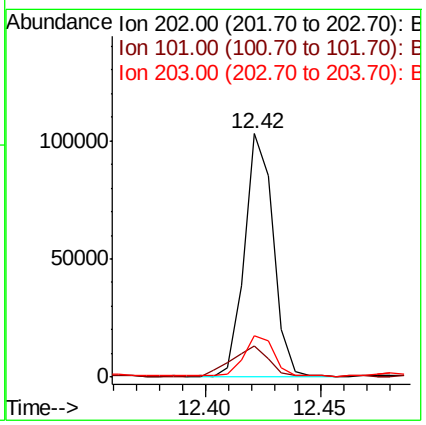


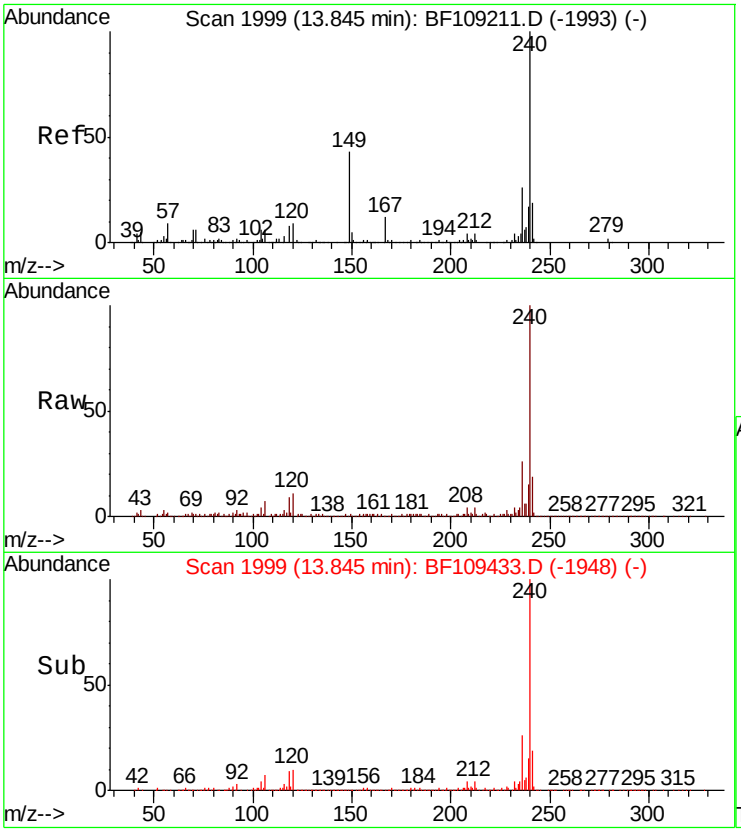


#74
Fluoranthene
Concen: 5.354 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:202 Resp: 89234

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.2	0.0	38.1



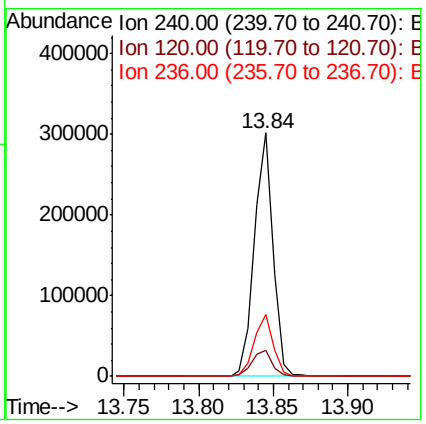


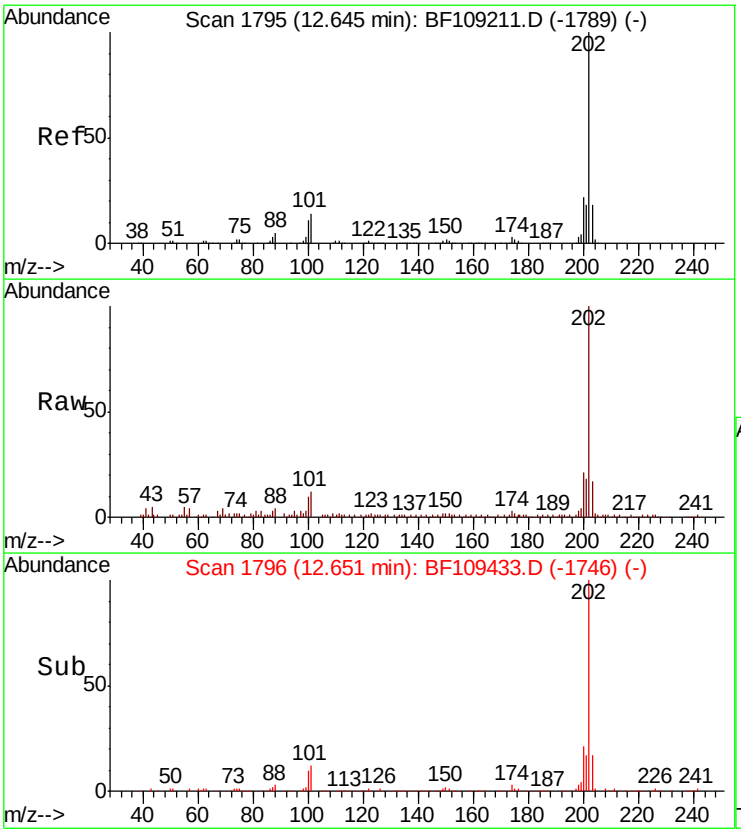
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 256611

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.6	20.7	31.1

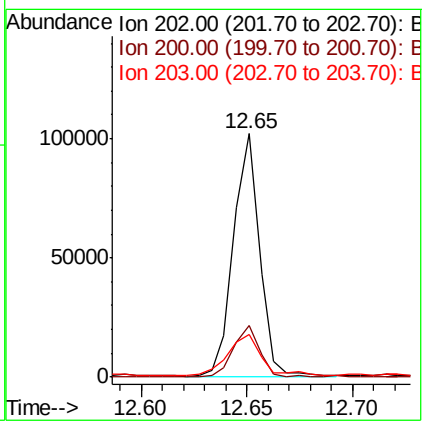


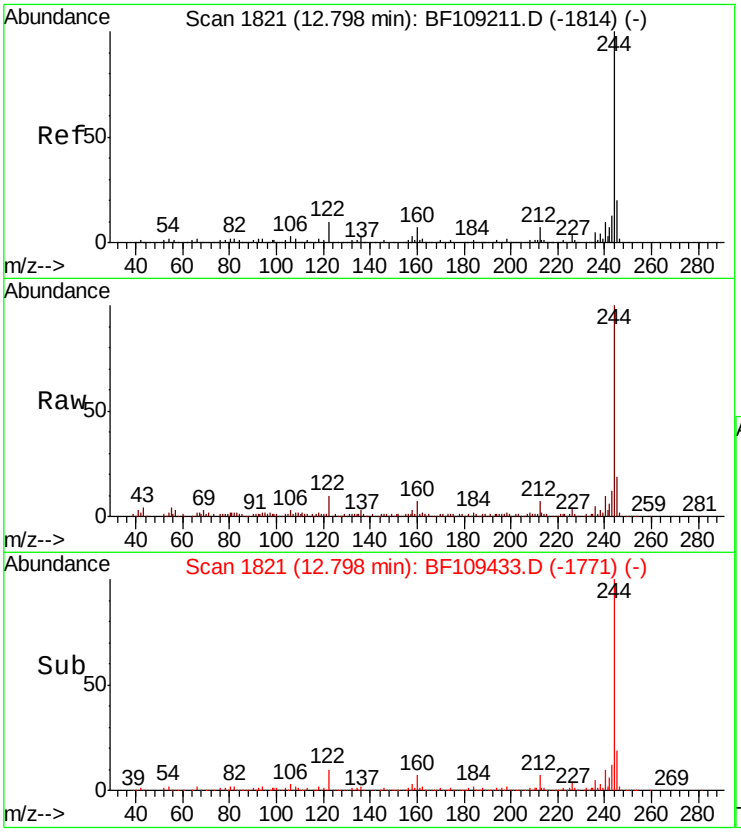


#77
Pyrene
Concen: 4.711 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:202 Resp: 86641

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5



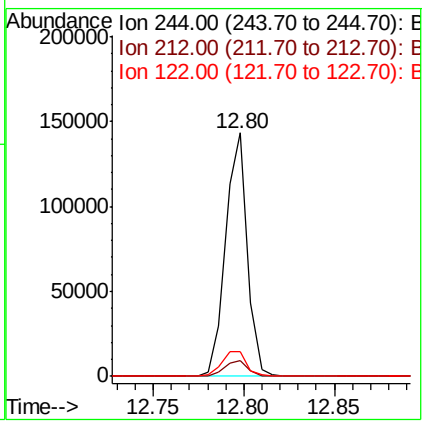


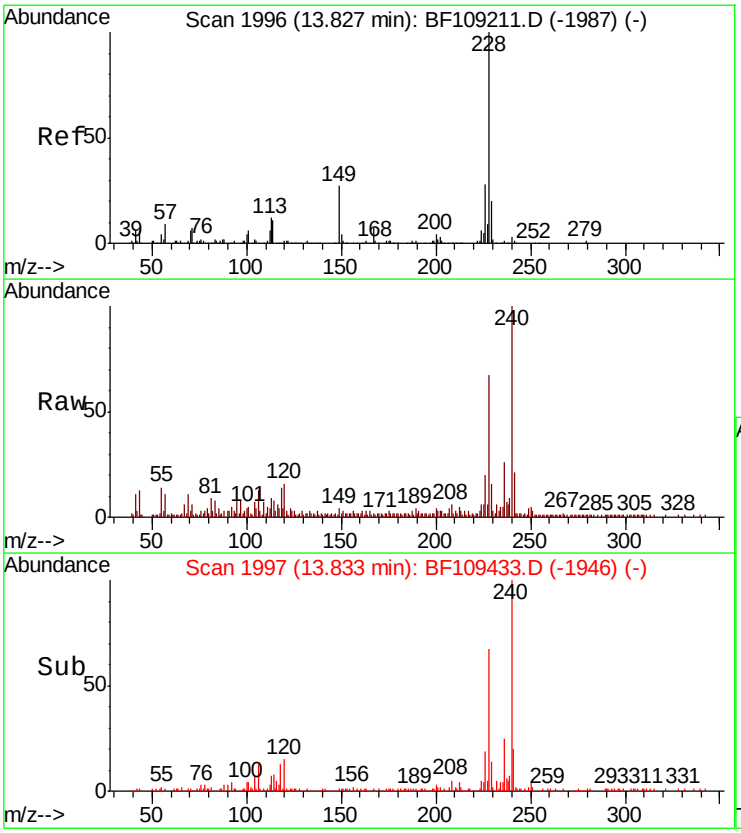
#78
Terphenyl-d14
Concen: 11.420 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 119410

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.1	11.0	16.4#

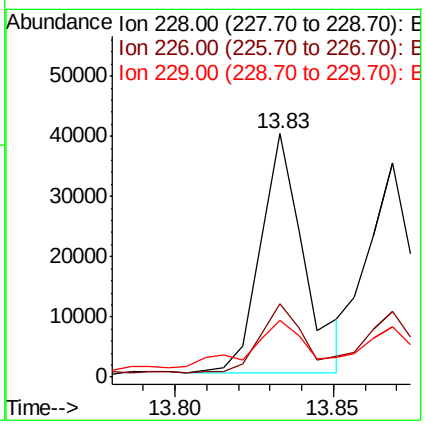


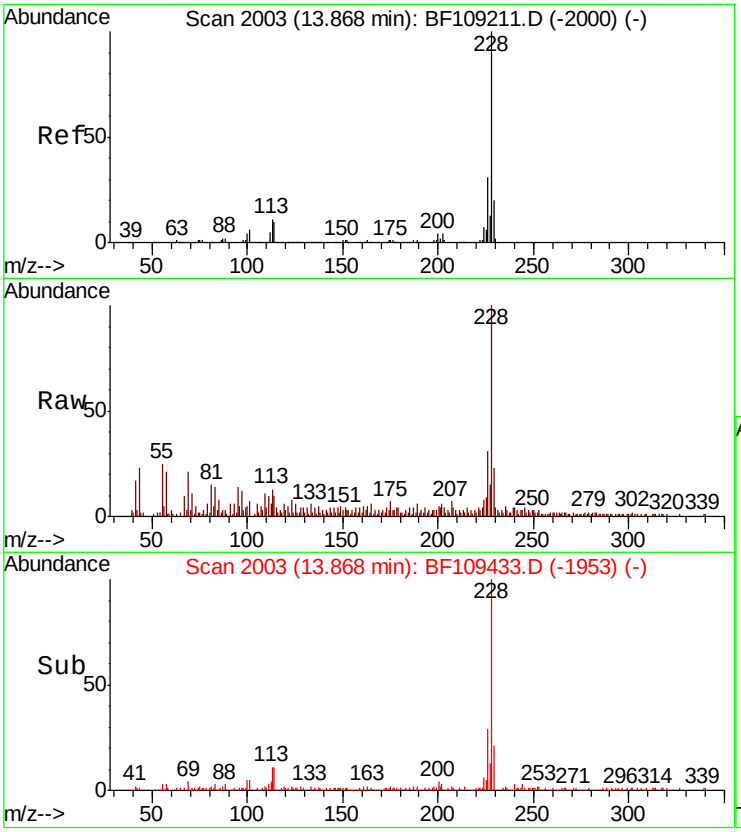


#80
Benzo(a)anthracene
Concen: 2.469 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:228 Resp: 38158

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	23.3	15.8	23.6



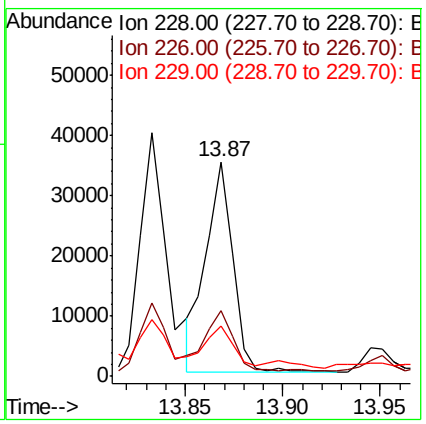


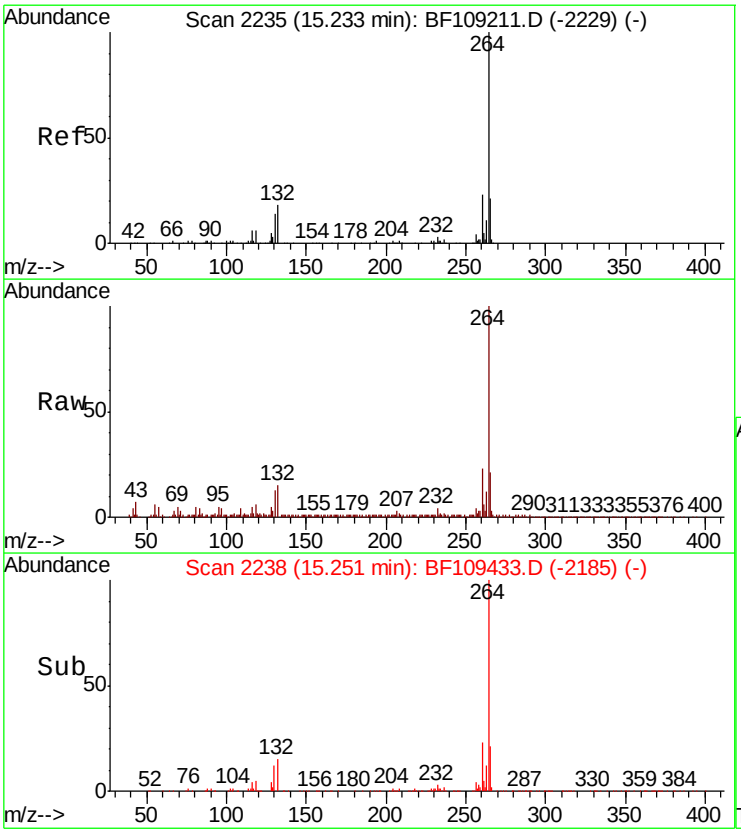
#82
Chrysene
Concen: 2.222 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 34045

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.3	16.2	24.4

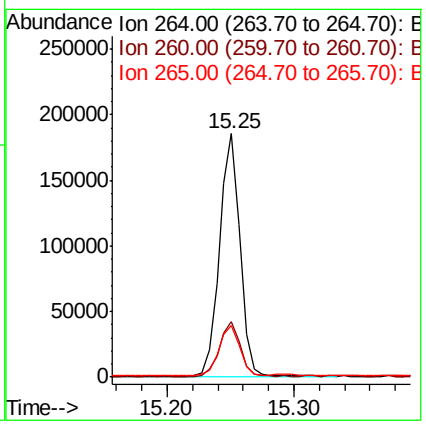


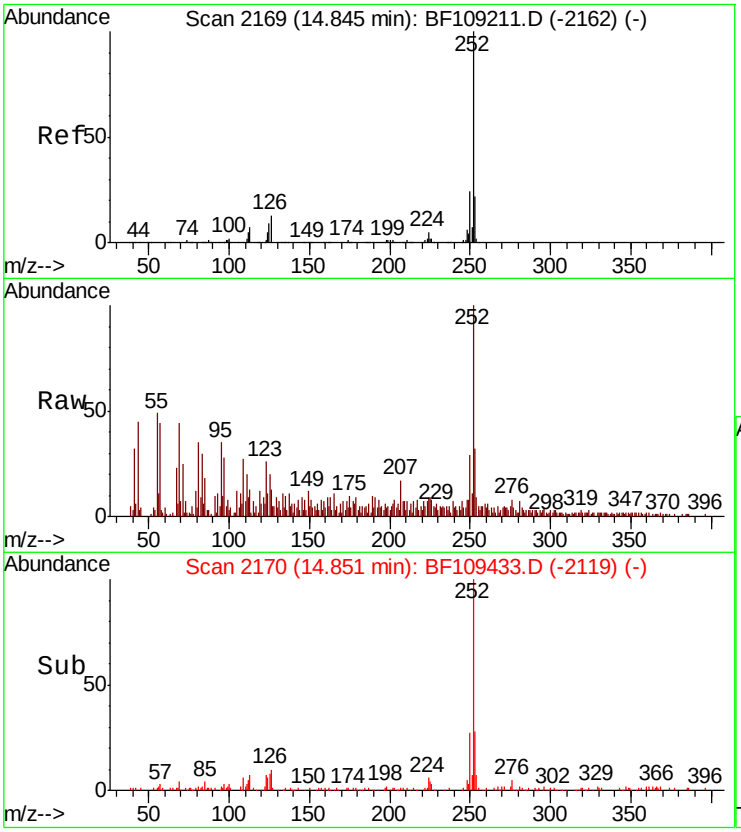


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:264 Resp: 206876

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	17.5	26.3



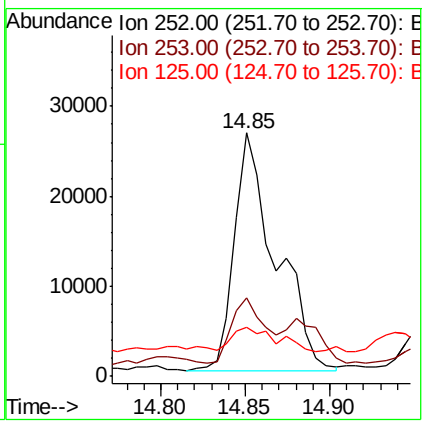


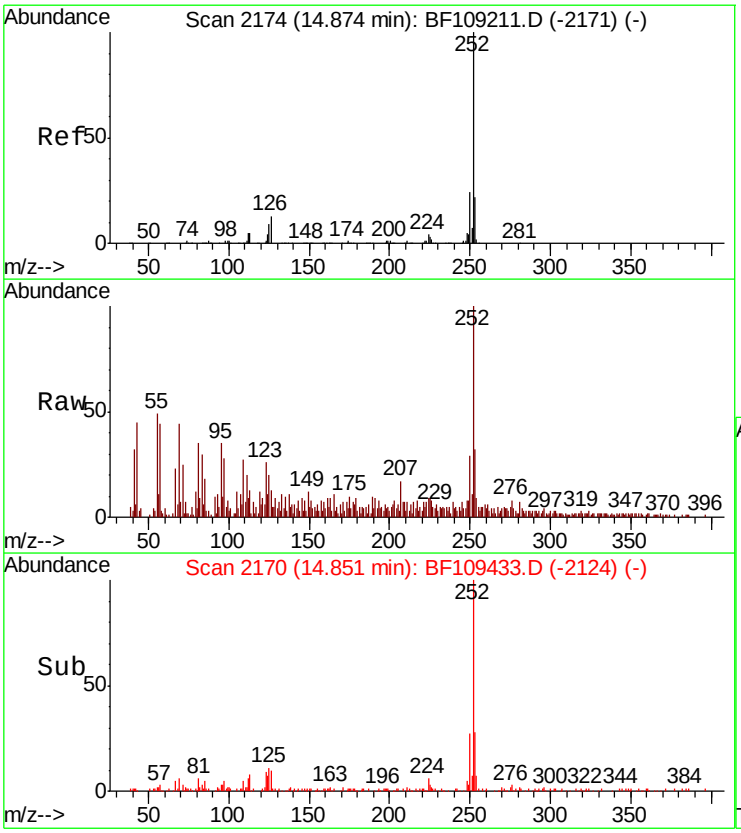
#87
Benzo(b)fluoranthene
Concen: 3.960 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 45011

Ion	Ratio	Lower	Upper
252	100		
253	32.3	17.0	25.6#
125	20.2	9.0	13.6#

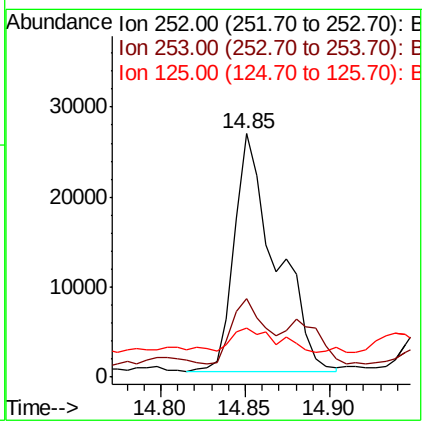


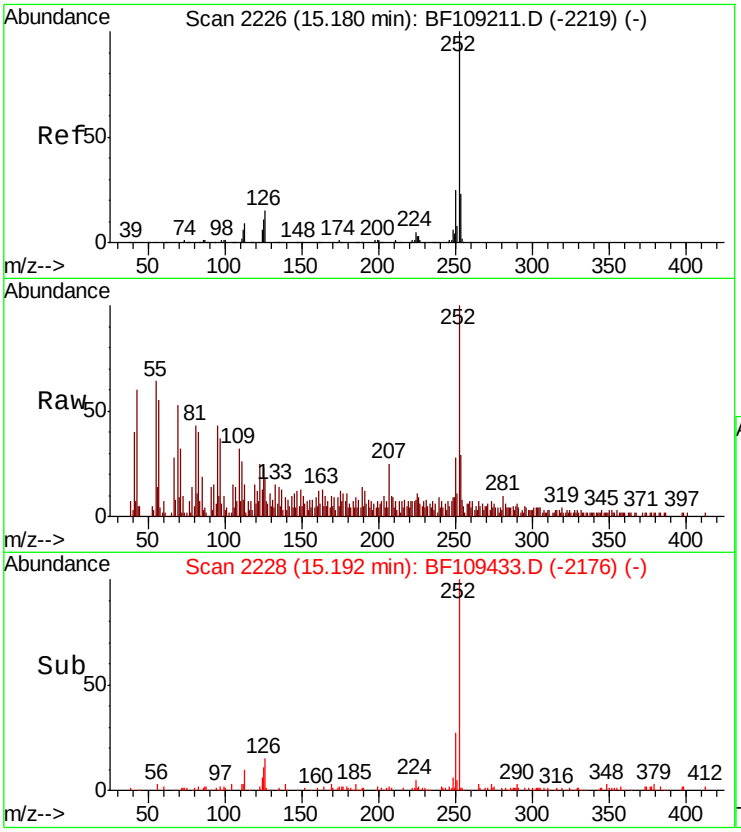


#88
Benzo(k)fluoranthene
Concen: 4.173 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Tgt Ion:252 Resp: 45011

Ion	Ratio	Lower	Upper
252	100		
253	32.3	17.9	26.9#
125	20.2	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.246 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109433.D
Acq: 28 Sep 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 23003

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.1	25.7#
125	23.3	9.8	14.6#