Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
Data File : BF109846.D
Acq On : 12 Oct 2018 20:56
Operator : JU/SJ
Sample : J5205-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101118

Quant Time: Oct 12 22:22:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	83956	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	366015	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	159960	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	251191	20.00	ng		0.00
75) Chrysene-d12	13.83	240	186637	20.00	ng		0.00
86) Perylene-d12	15.23	264	165497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	59355	12.55	ng		-0.01
7) Phenol-d6	6.35	99	106252	16.82	ng		-0.01
23) Nitrobenzene-d5	7.26	82	57160	8.61	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	22507	12.91	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	139172	11.98	ng		-0.01
78) Terphenyl-d14	12.78	244	99559	10.33	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.26	82	57160	5.184	ng	#	67
50) 2,6-Dinitrotoluene	9.72	165	19343	7.606	ng	#	21
56) 2,4-Dinitrotoluene	9.72	165	19343	6.095	ng	#	17
70) Phenanthrene	11.22	178	73131	5.818	ng		100
74) Fluoranthene	12.41	202	124784	9.502	ng		98
77) Pyrene	12.64	202	102204	7.474	ng		98
80) Benzo(a)anthracene	13.82	228	53368	5.182	ng		95
82) Chrysene	13.86	228	51424	4.753	ng		95
85) Indeno(1,2,3-cd)pyrene	16.59	276	16607	2.145	ng		94
87) Benzo(b)fluoranthene	14.84	252	77428	8.466	ng	#	92
88) Benzo(k)fluoranthene	14.84	252	77428	8.426	ng	#	91
89) Benzo(a)pyrene	15.17	252	37389	4.505	ng	#	89
91) Benzo(g,h,i)perylene	16.99	276	17616	2.588	ng	#	90

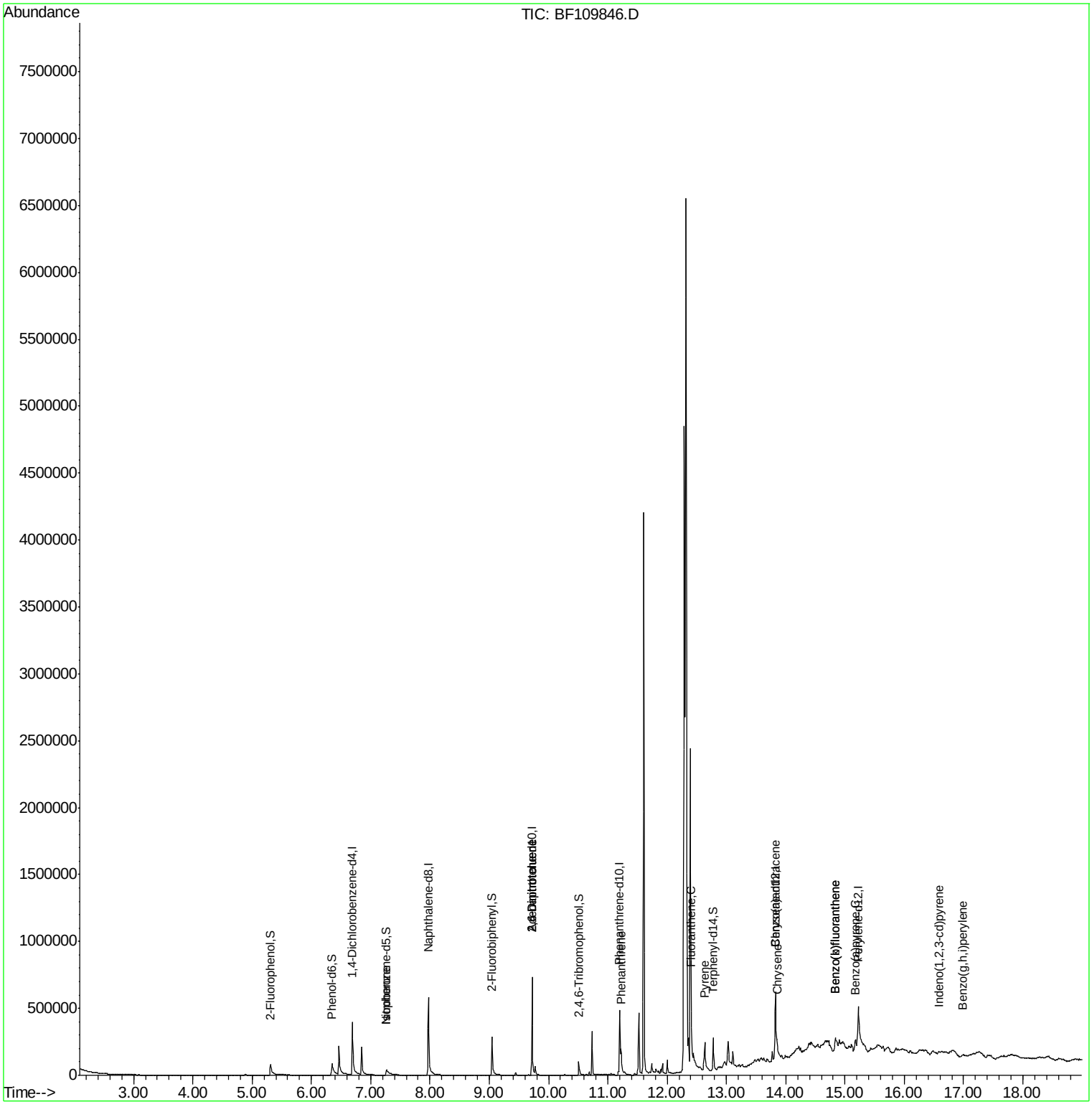
(#) = qualifier out of range (m) = manual integration (+) = signals summed

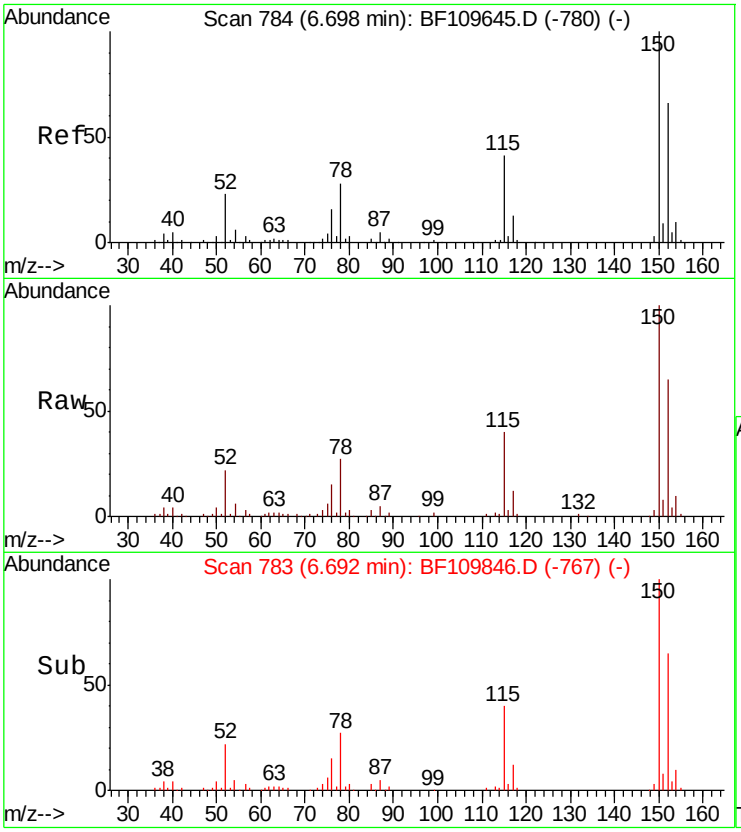
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
Data File : BF109846.D
Acq On : 12 Oct 2018 20:56
Operator : JU/SJ
Sample : J5205-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Quant Time: Oct 12 22:22:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



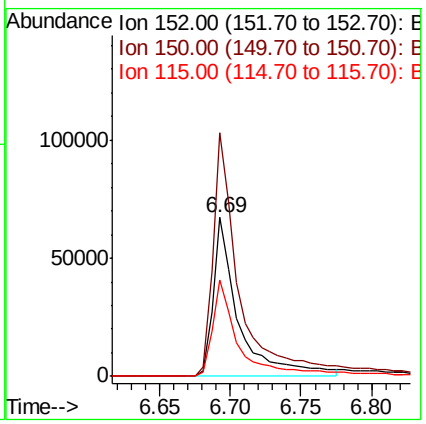


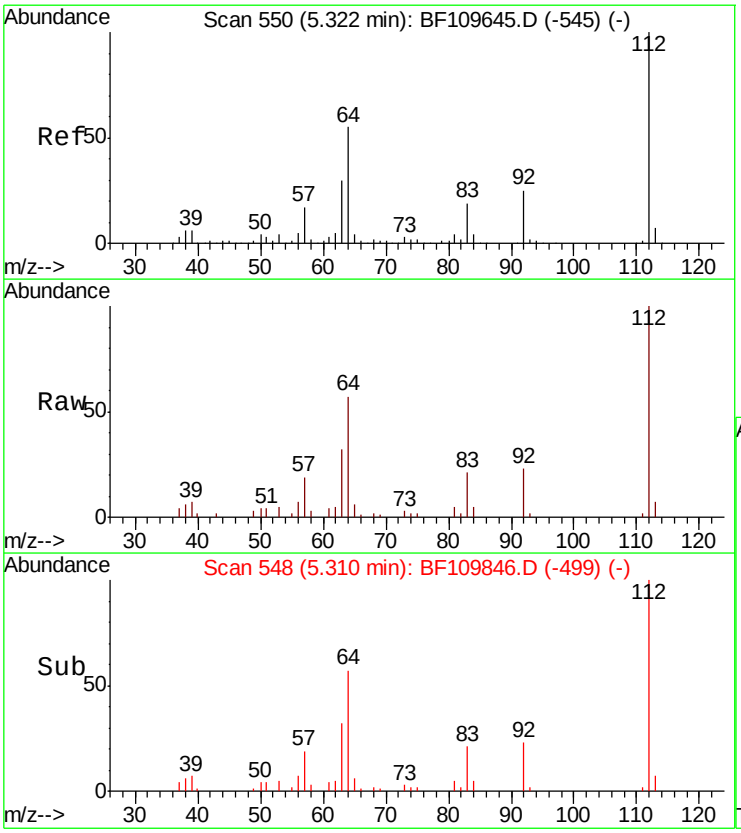
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:152 Resp: 83956

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.7	184.1
115	60.7	49.1	73.7

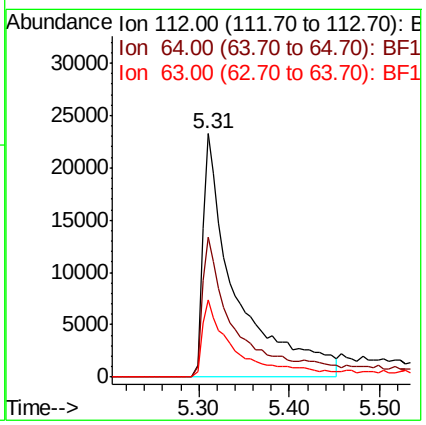


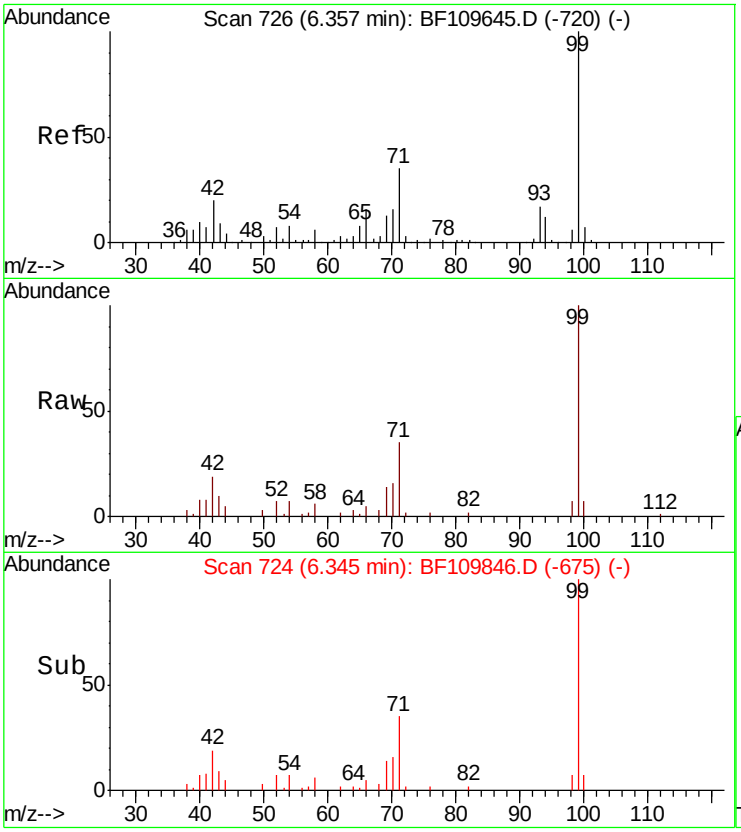


#5
2-Fluorophenol
Concen: 12.549 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:112 Resp: 59355

Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	31.7	23.7	35.5



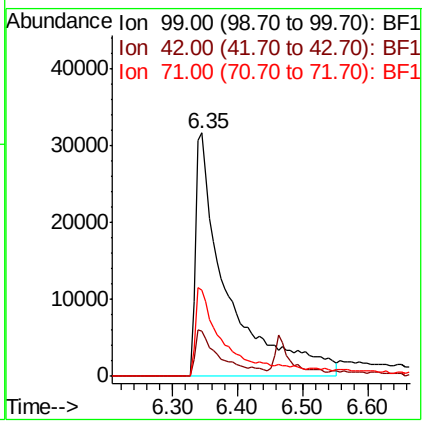


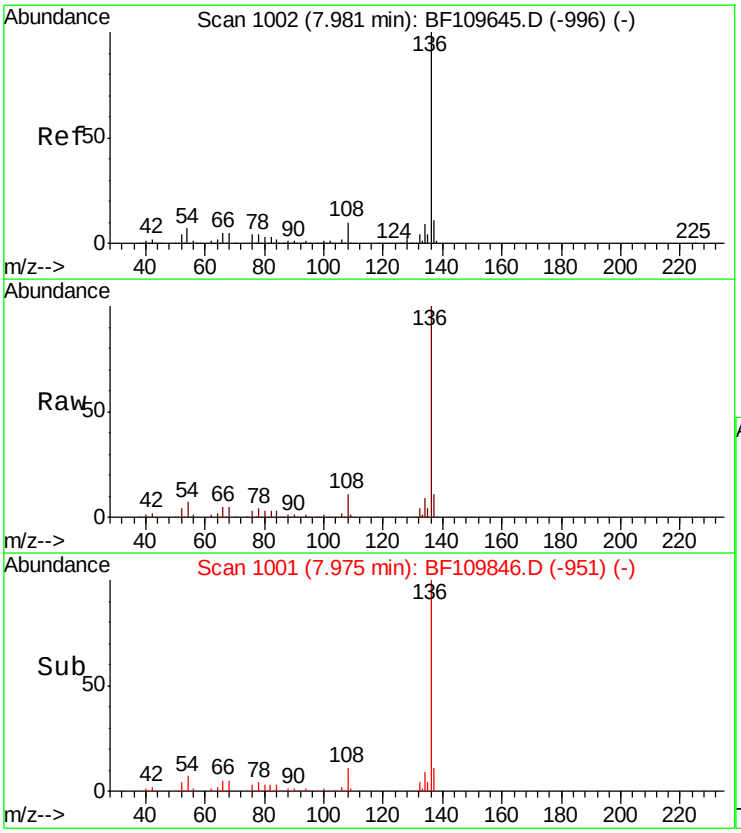
#7
Phenol-d6
Concen: 16.816 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion: 99 Resp: 106252

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	35.3	28.0	42.0

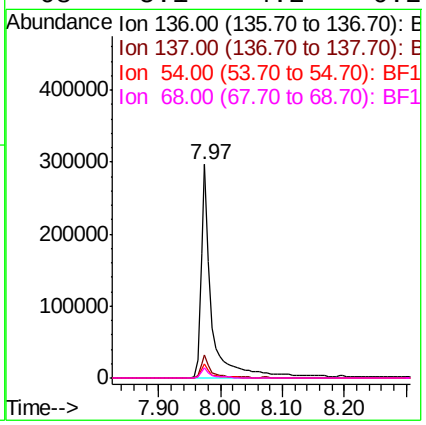


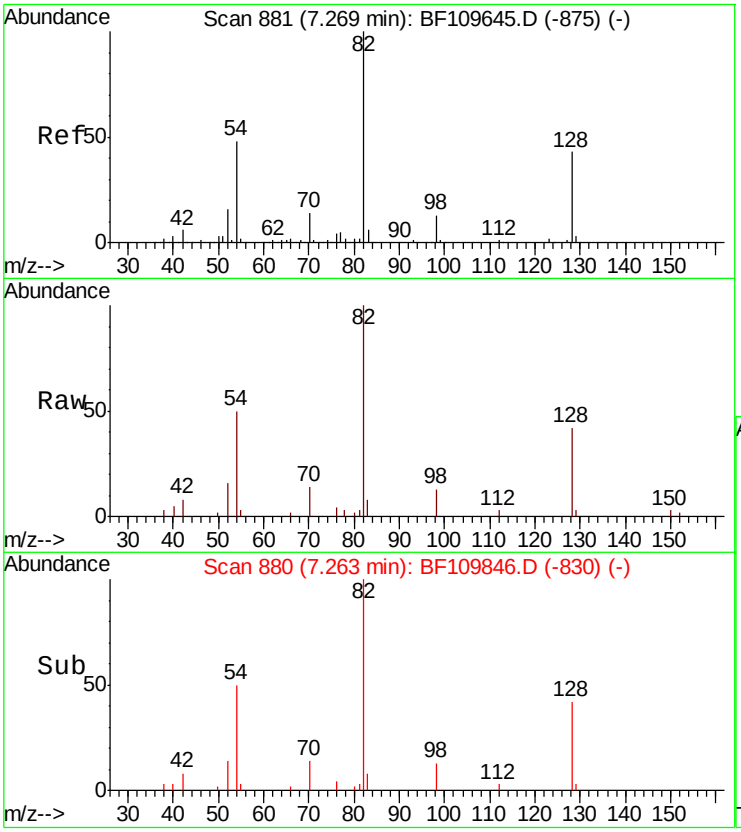


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:136 Resp: 366015

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.4	8.2
68	5.1	4.2	6.2



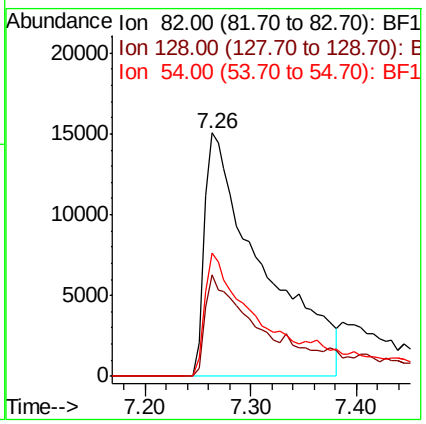


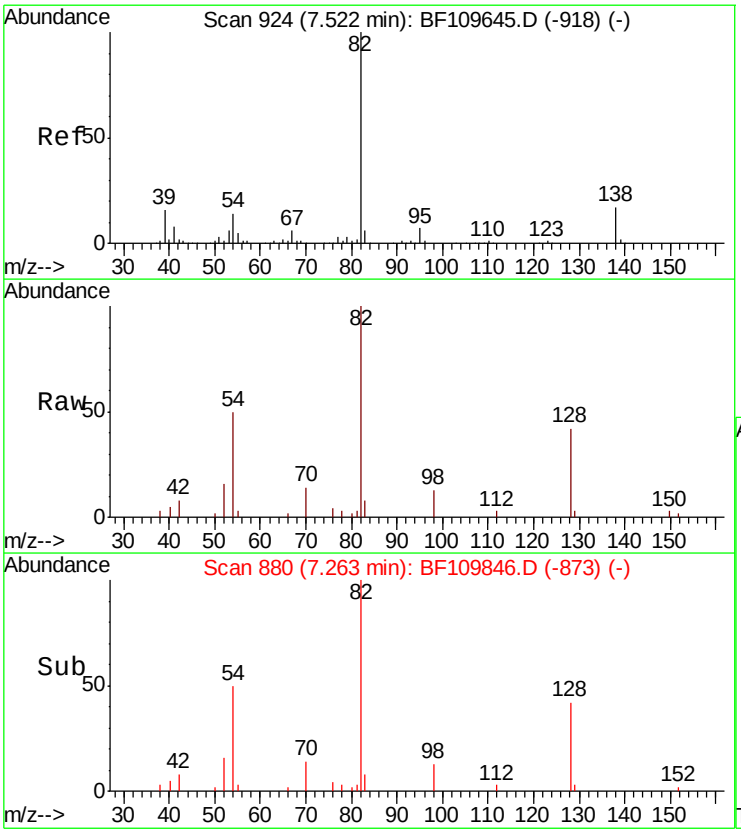
#23
Nitrobenzene-d5
Concen: 8.609 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion: 82 Resp: 57160

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.2	51.2
54	50.5	38.6	58.0

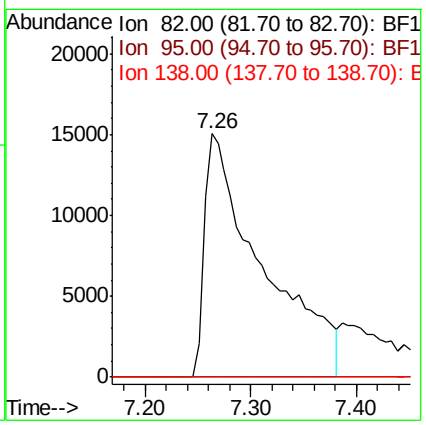


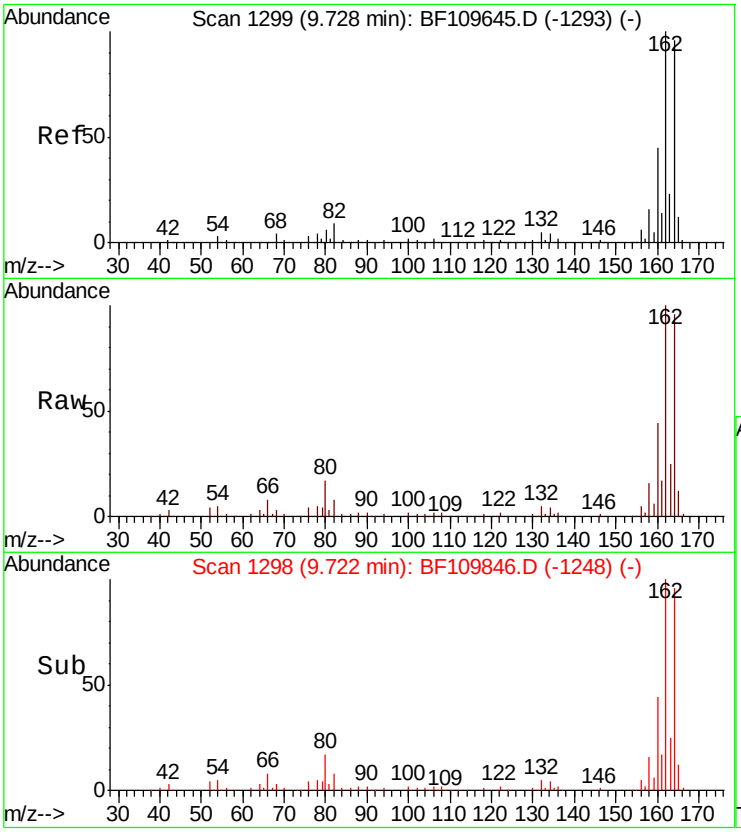


#25
Isophorone
Concen: 5.184 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion: 82 Resp: 57160

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



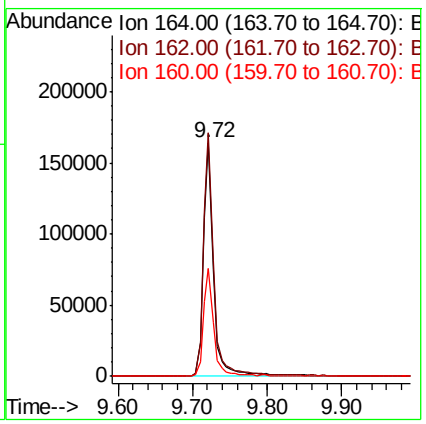


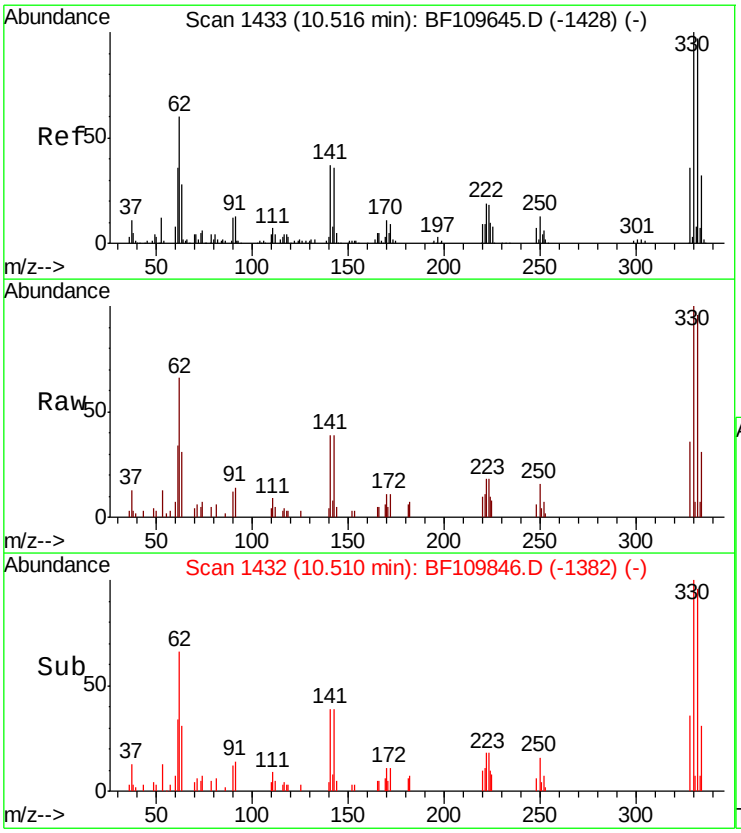
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:164 Resp: 159960

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	46.2	37.0	55.6

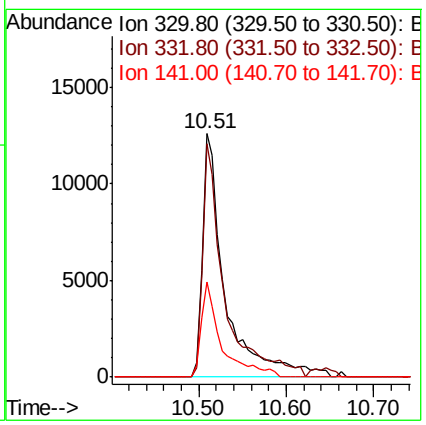


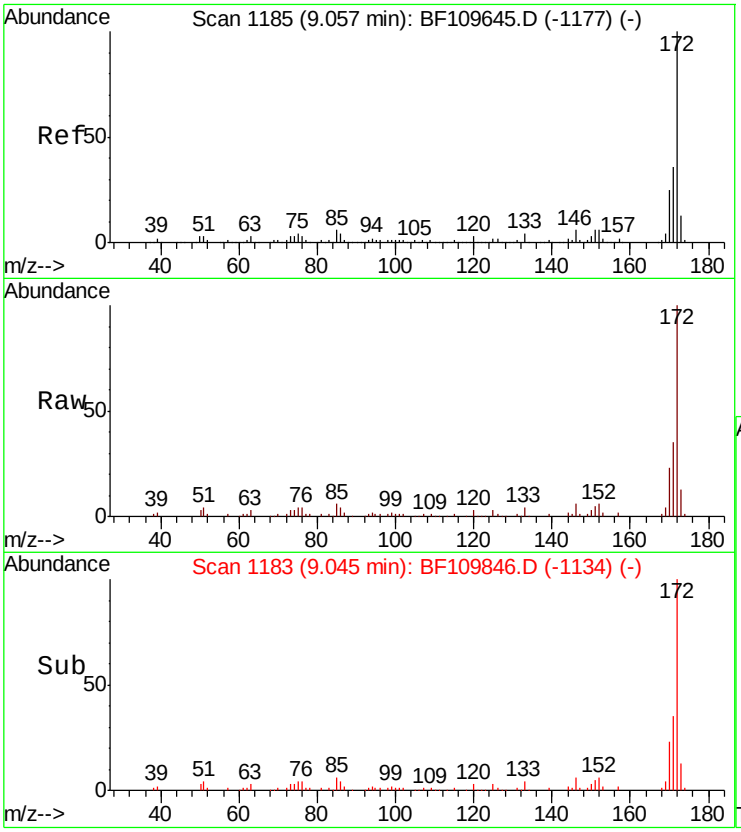


#41
2,4,6-Tribromophenol
Concen: 12.913 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:330 Resp: 22507

Ion	Ratio	Lower	Upper
330	100		
332	91.7	77.1	115.7
141	34.8	27.0	40.4



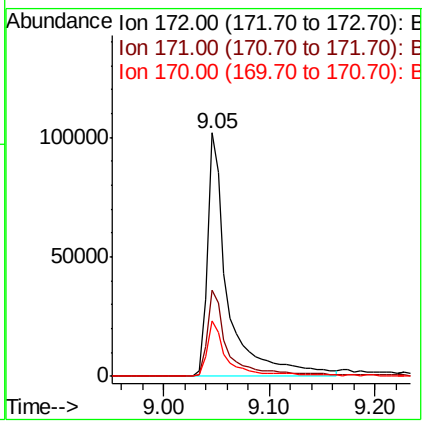


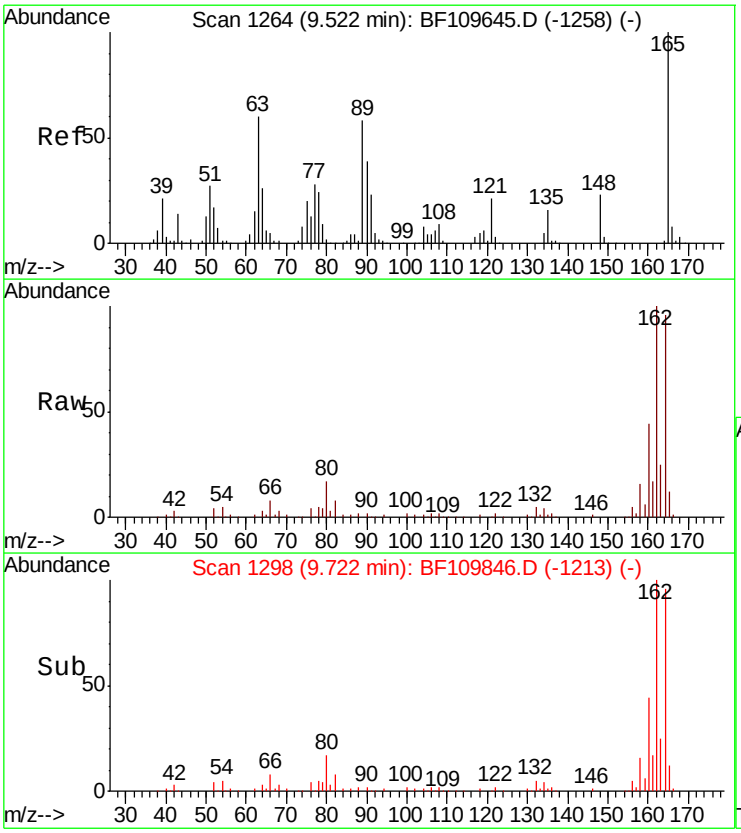
#44
2-Fluorobiphenyl
Concen: 11.983 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:172 Resp: 139172

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	22.6	19.7	29.5

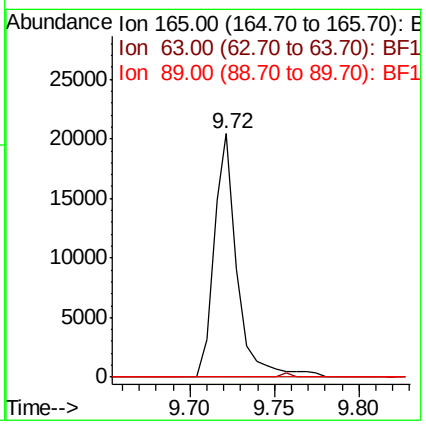


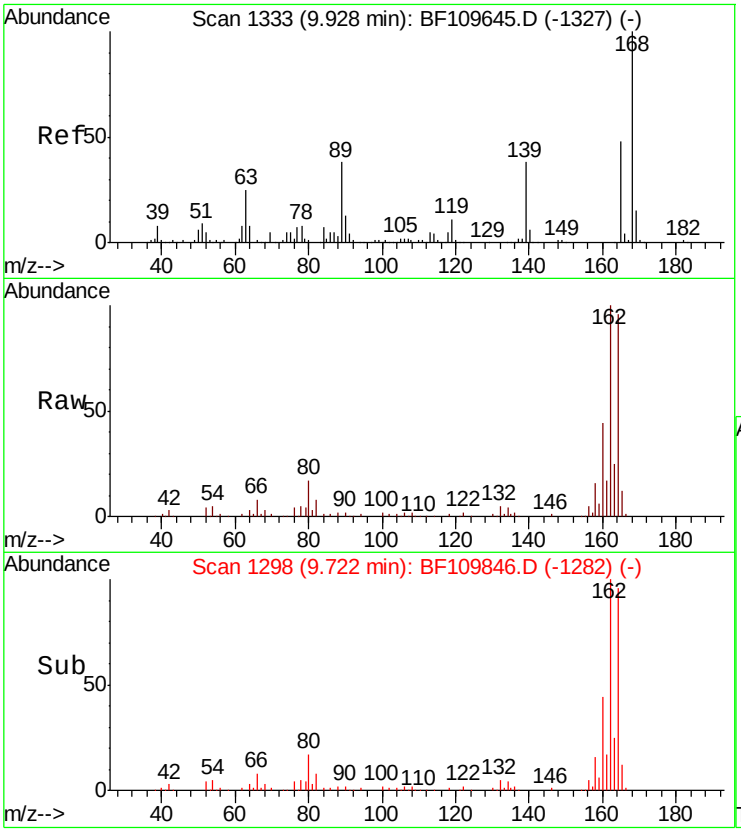


#50
2,6-Dinitrotoluene
Concen: 7.606 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:165 Resp: 19343

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



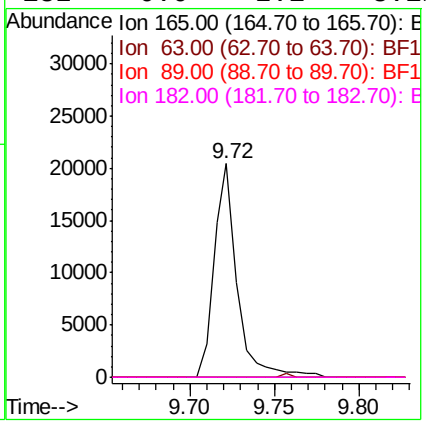


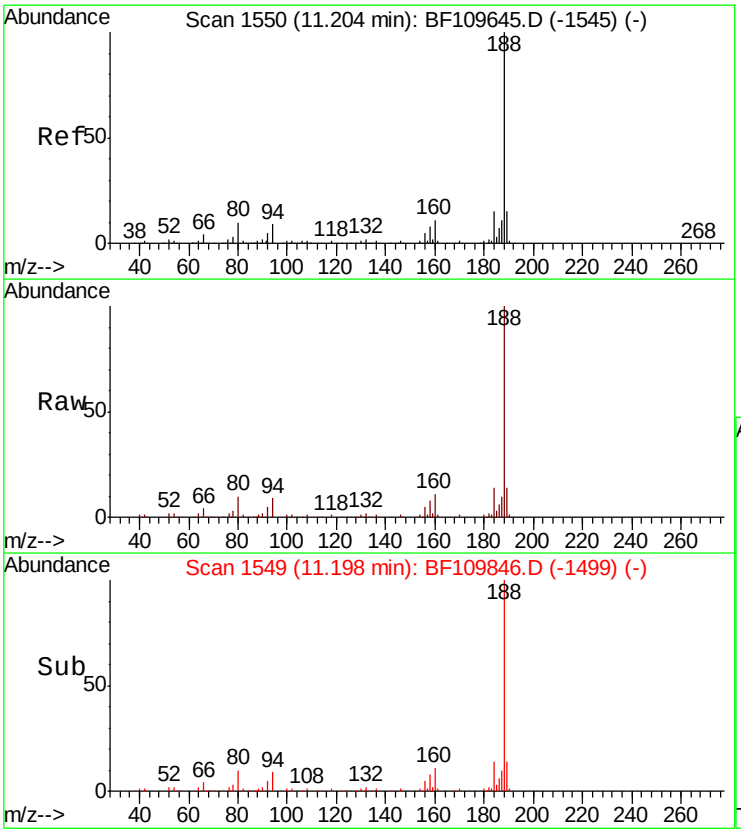
#56
2,4-Dinitrotoluene
Concen: 6.095 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:165 Resp: 19343

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

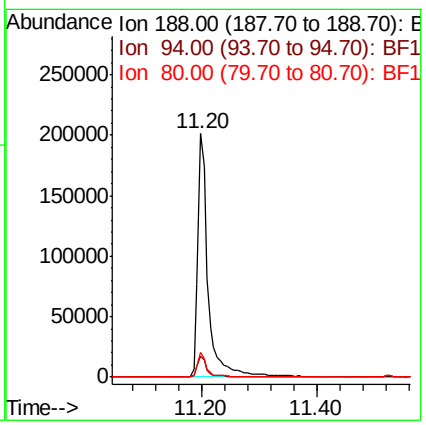


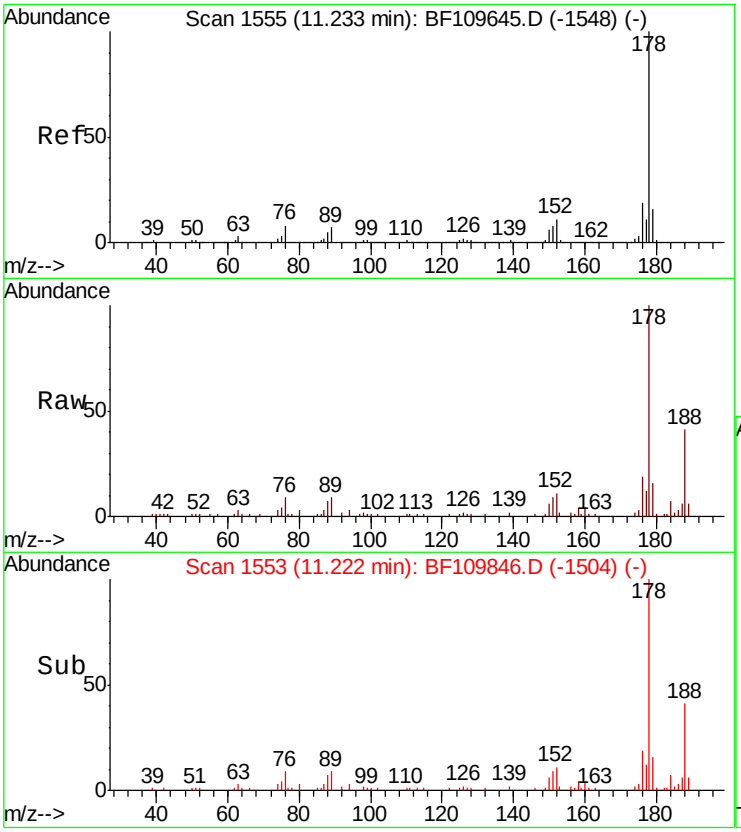


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:188 Resp: 251191

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.9	7.9	11.9



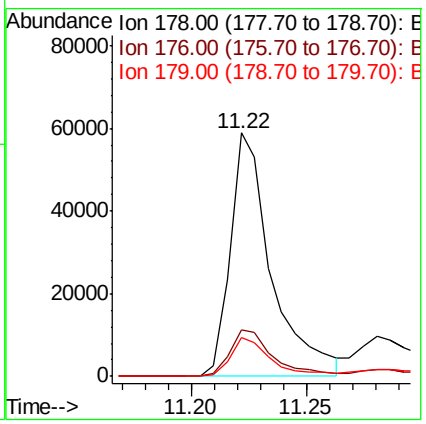


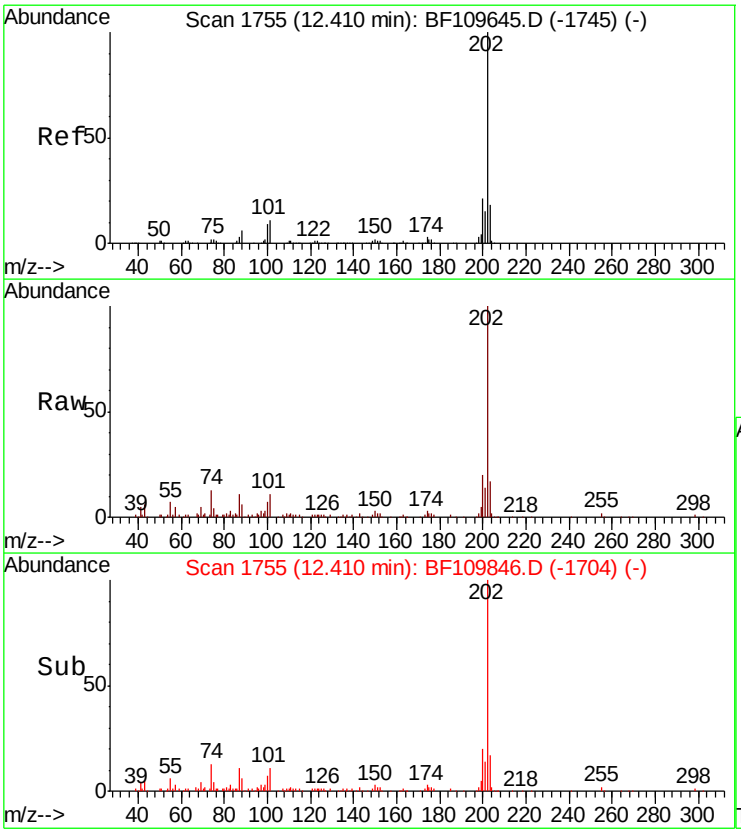
#70
Phenanthrene
Concen: 5.818 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:178 Resp: 73131

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.7	12.5	18.7

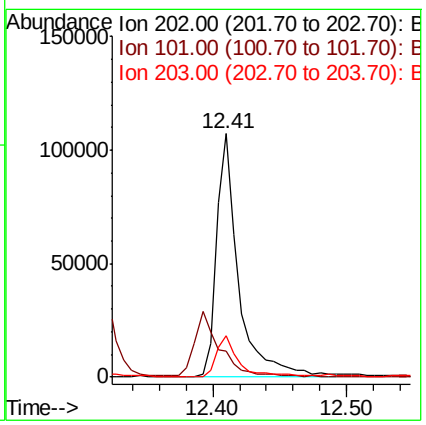


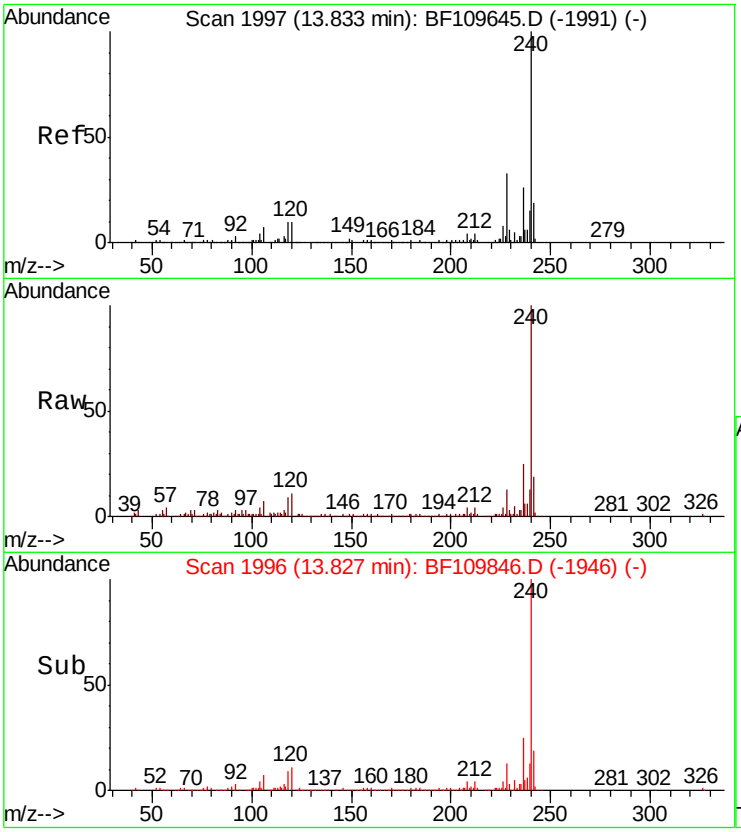


#74
Fluoranthene
Concen: 9.502 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:202 Resp: 124784

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	16.9	0.0	37.7



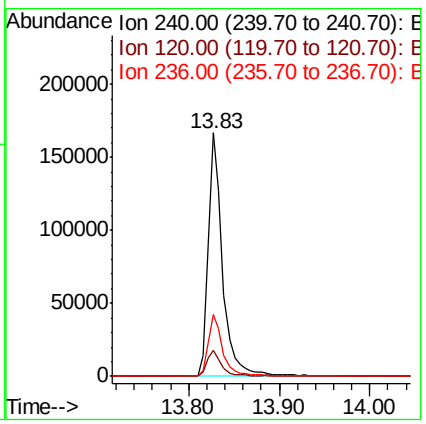


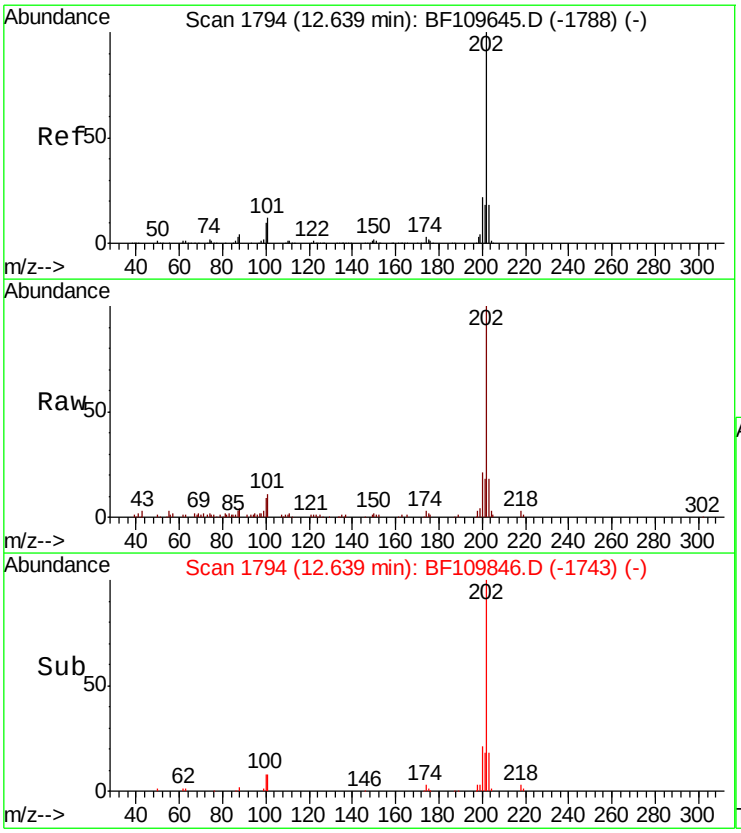
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:240 Resp: 186637

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.4	21.2	31.8

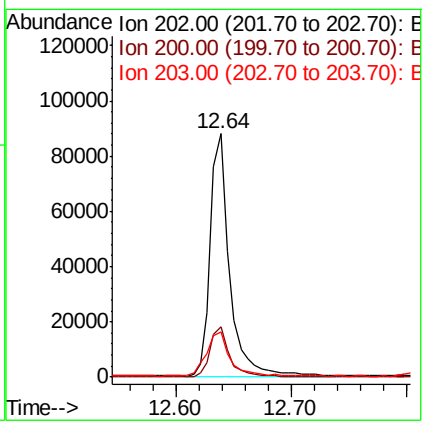


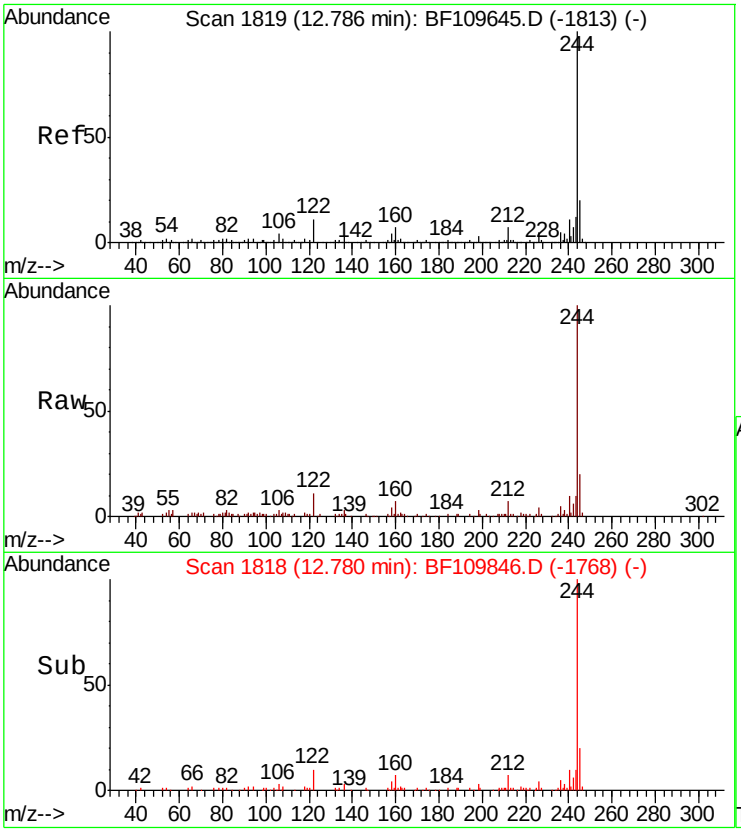


#77
Pyrene
Concen: 7.474 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:202 Resp: 102204

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.4	14.2	21.4



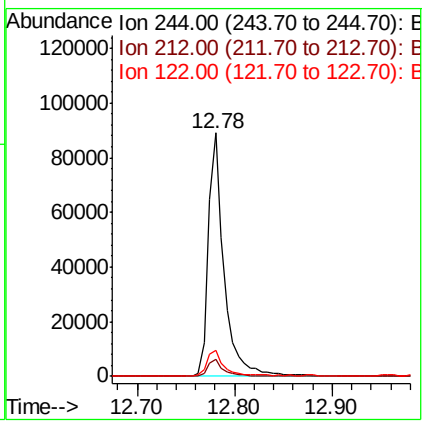


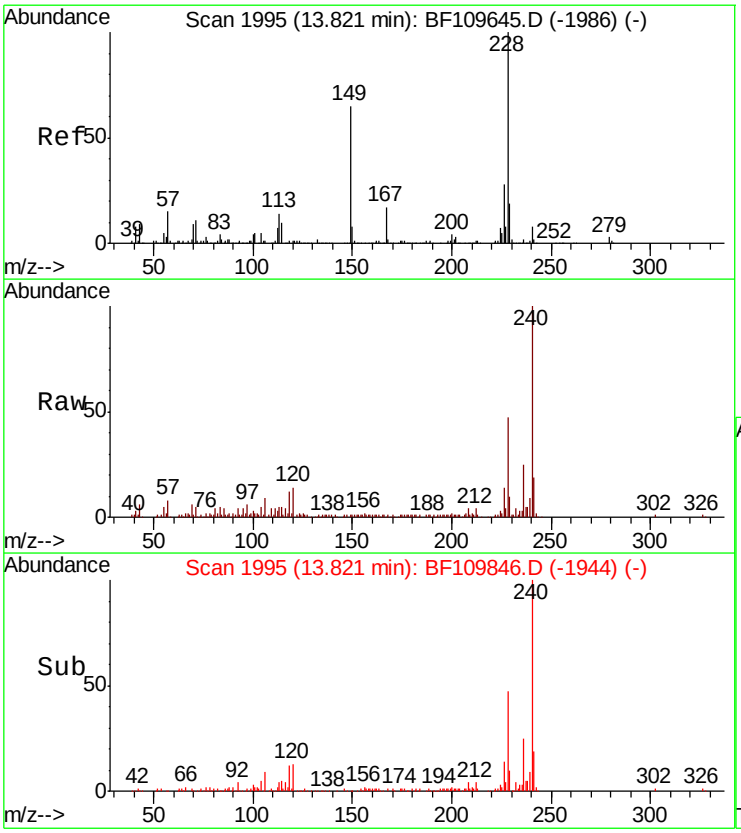
#78
Terphenyl-d14
Concen: 10.326 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:244 Resp: 99559

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.6	8.7	13.1

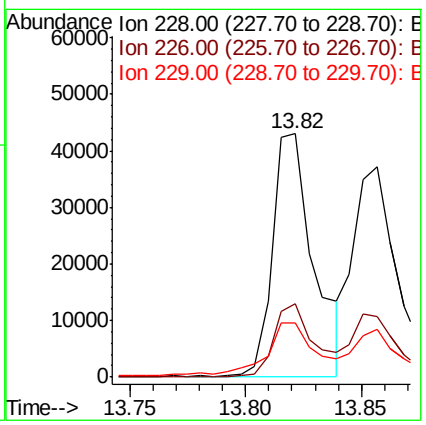


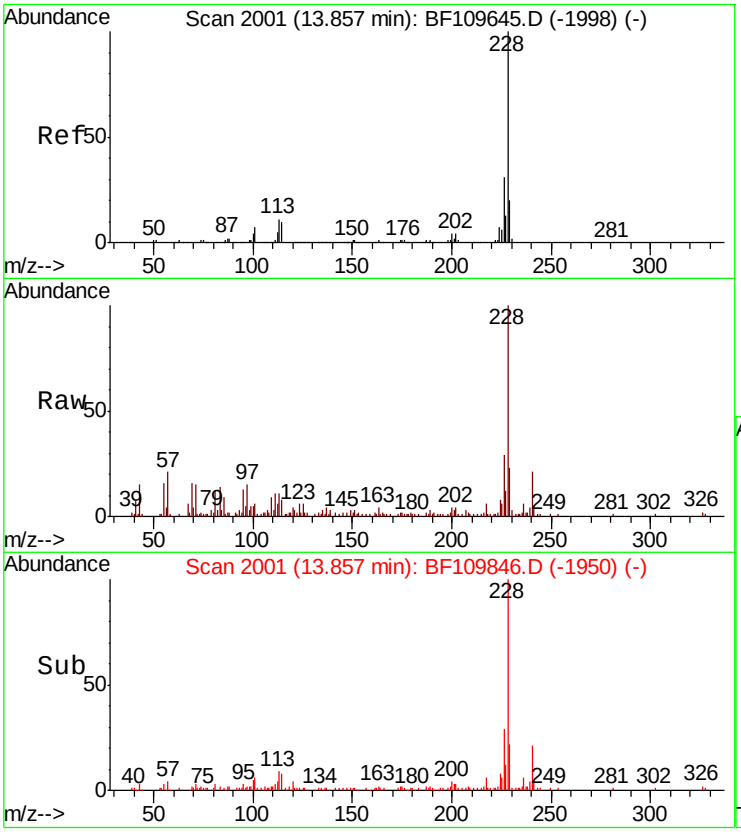


#80
Benzo(a)anthracene
Concen: 5.182 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:228 Resp: 53368

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.1	33.1
229	22.1	15.6	23.4



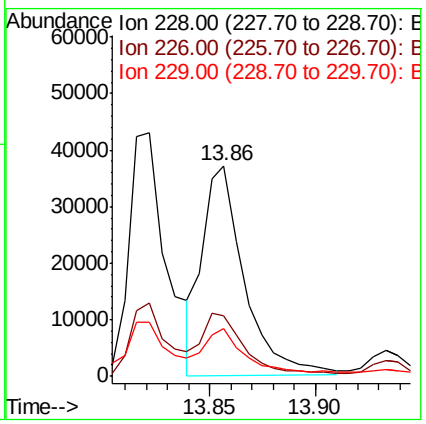


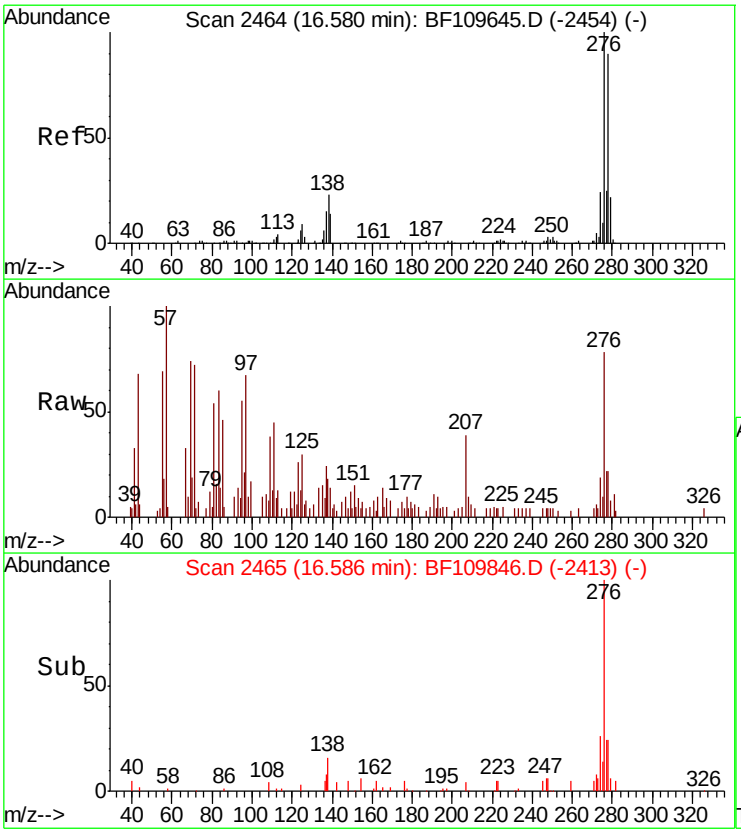
#82
Chrysene
Concen: 4.753 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:228 Resp: 51424

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	22.7	15.9	23.9

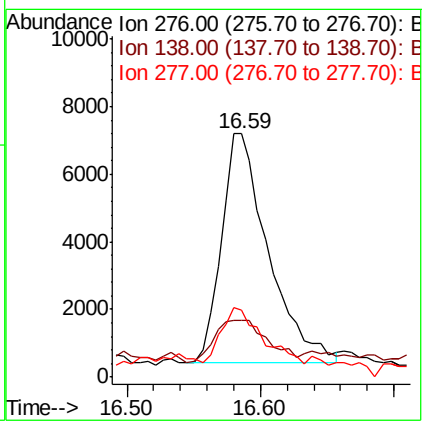


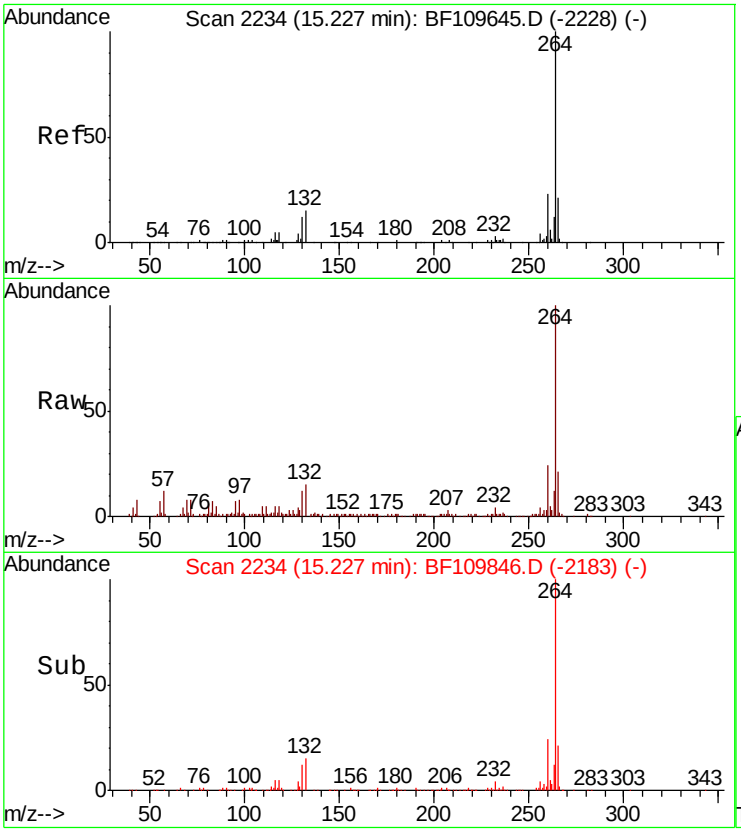


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.145 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:276 Resp: 16607

Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.5	27.7
277	21.1	20.0	30.0



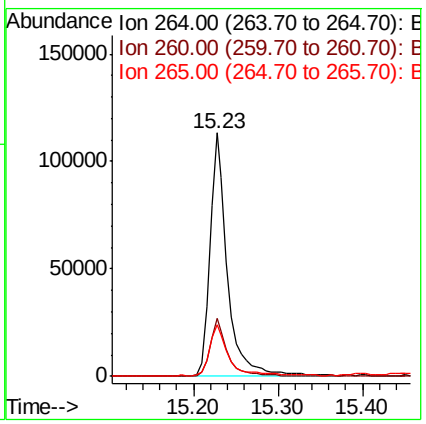


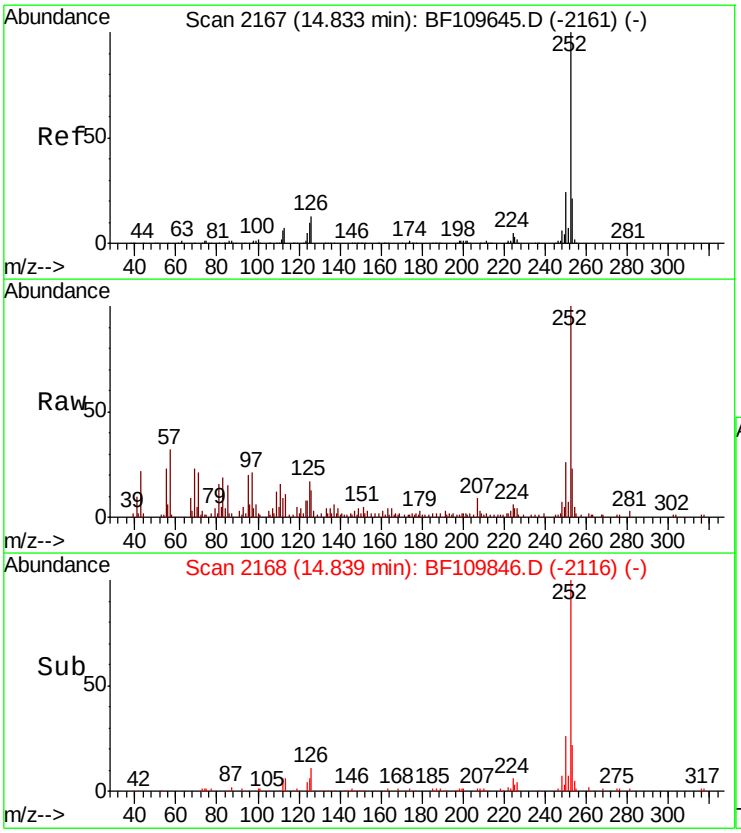
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:264 Resp: 165497

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.3	16.7	25.1

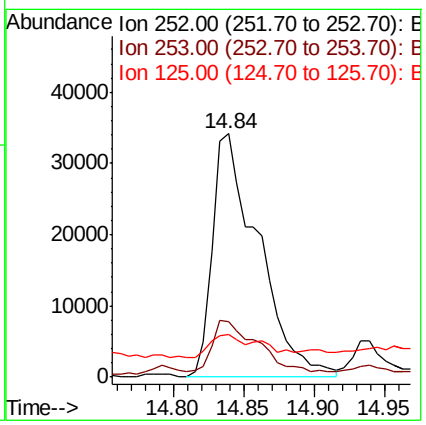


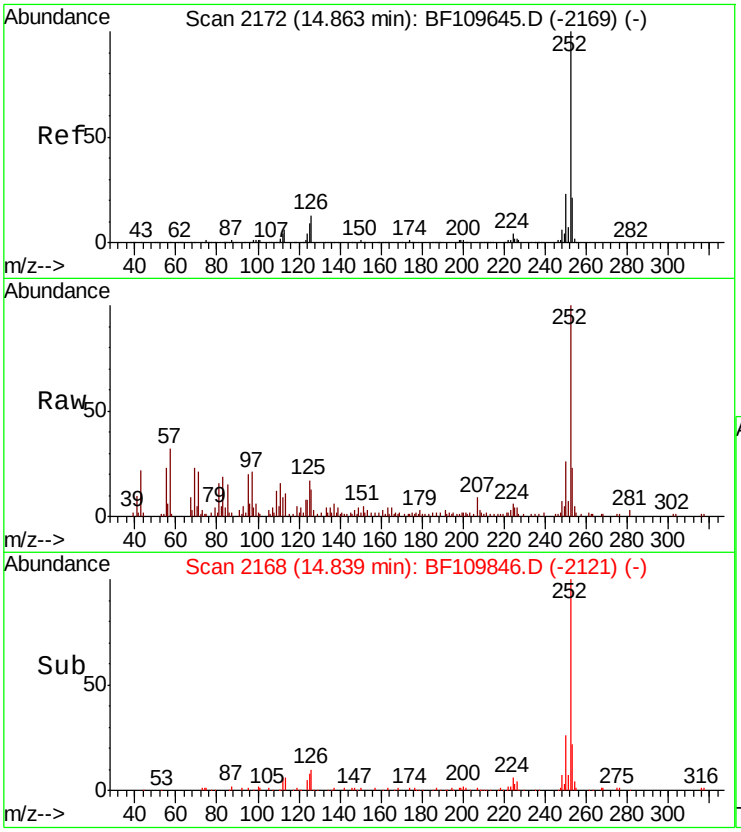


#87
Benzo(b)fluoranthene
Concen: 8.466 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:252 Resp: 77428

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	17.3	8.2	12.4#



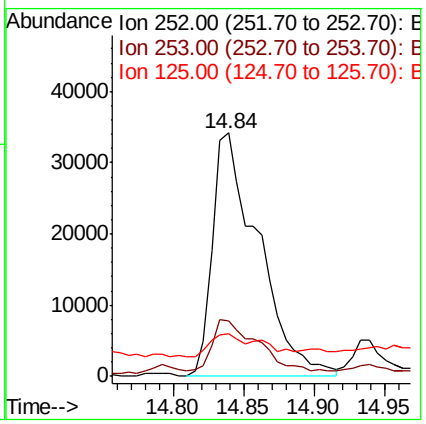


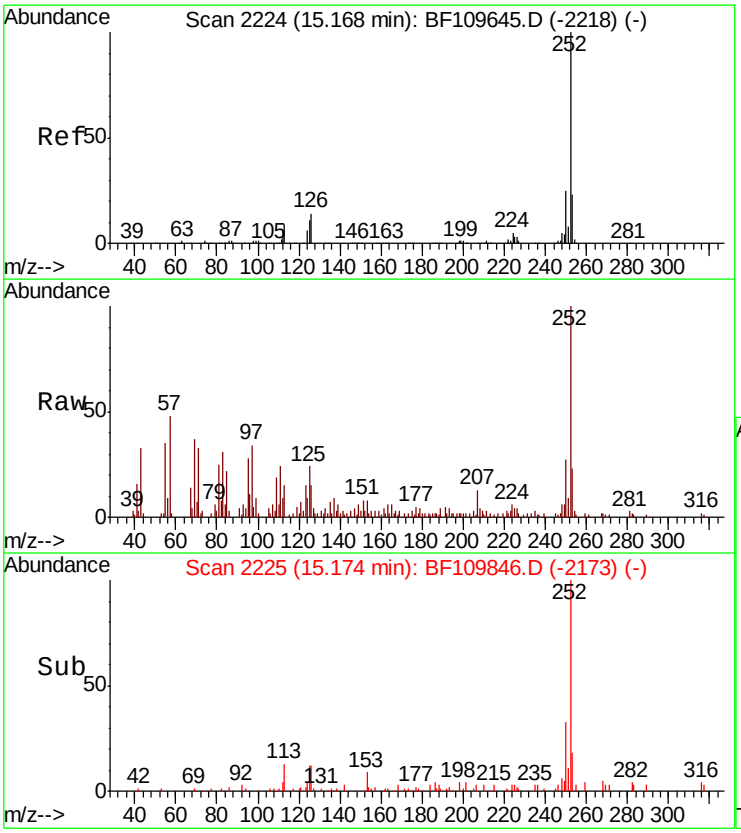
#88
Benzo(k)fluoranthene
Concen: 8.426 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:252 Resp: 77428

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	17.3	7.4	11.0#

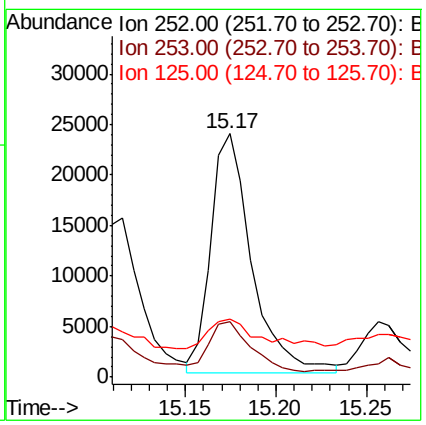


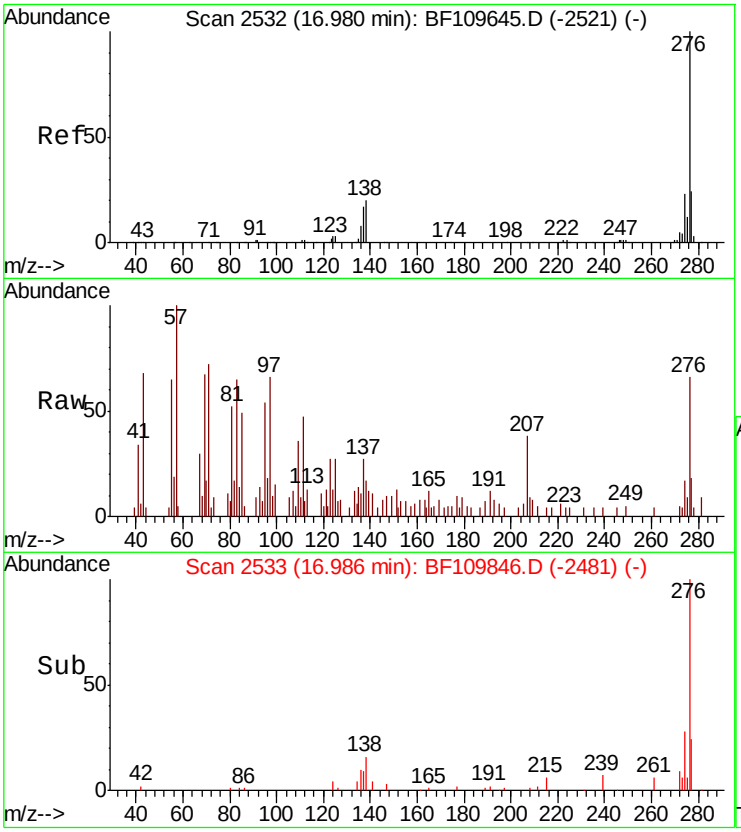


#89
Benzo(a)pyrene
Concen: 4.505 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion:252 Resp: 37389

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	23.6	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 2.588 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tgt Ion:276 Resp: 17616

Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.8	28.2
138	25.5	16.0	24.0#