Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109681.D
Acq On : 9 Oct 2018 7:29
Operator : JU/SJ
Sample : J5309-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-9

Quant Time: Oct 09 08:21:11 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	6.70	152	89024	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	336246	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	137145	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	229440	20.00	ng		0.00
75) Chrysene-d12	13.83	240	201087	20.00	ng		0.00
86) Perylene-d12	15.23	264	169723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	375144	74.80	ng		0.00
7) Phenol-d6	6.35	99	522851	78.04	ng		-0.01
23) Nitrobenzene-d5	7.26	82	335237	54.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	98744	66.08	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	588394	59.09	ng		0.00
78) Terphenyl-d14	12.78	244	471465	45.39	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	43475	9.253	ng	#	80
25) Isophorone	7.26	82	335237	33.096	ng	#	67
49) Dimethylphthalate	9.45	163	39575	3.935	ng		97
50) 2,6-Dinitrotoluene	9.72	165	17113	7.849	ng	#	21
55) 4-Nitrophenol	9.94	139	3070	2.295	ng	#	6
56) 2,4-Dinitrotoluene	9.72	165	17113	6.289	ng	#	17
66) 4-Bromophenyl-phenylether	10.51	248	5717	2.169	ng	#	1
70) Phenanthrene	11.23	178	369146	32.150	ng		99
71) Anthracene	11.28	178	86530	7.290	ng		97
72) Carbazole	11.45	167	58392	5.072	ng		98
74) Fluoranthene	12.41	202	538282	44.875	ng		98
77) Pyrene	12.63	202	441639	29.976	ng		99
80) Benzo(a)anthracene	13.82	228	237945	21.443	ng		98
82) Chrysene	13.86	228	245590	21.070	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	68436	8.203	ng		95
87) Benzo(b)fluoranthene	14.83	252	302244	32.225	ng		99
88) Benzo(k)fluoranthene	14.83	252	302244	32.072	ng		98
89) Benzo(a)pyrene	15.17	252	145792	17.129	ng		97
90) Dibenzo(a,h)anthracene	16.57	278	19335	2.766	ng		99
91) Benzo(g,h,i)perylene	16.97	276	63867	9.150	ng		97

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

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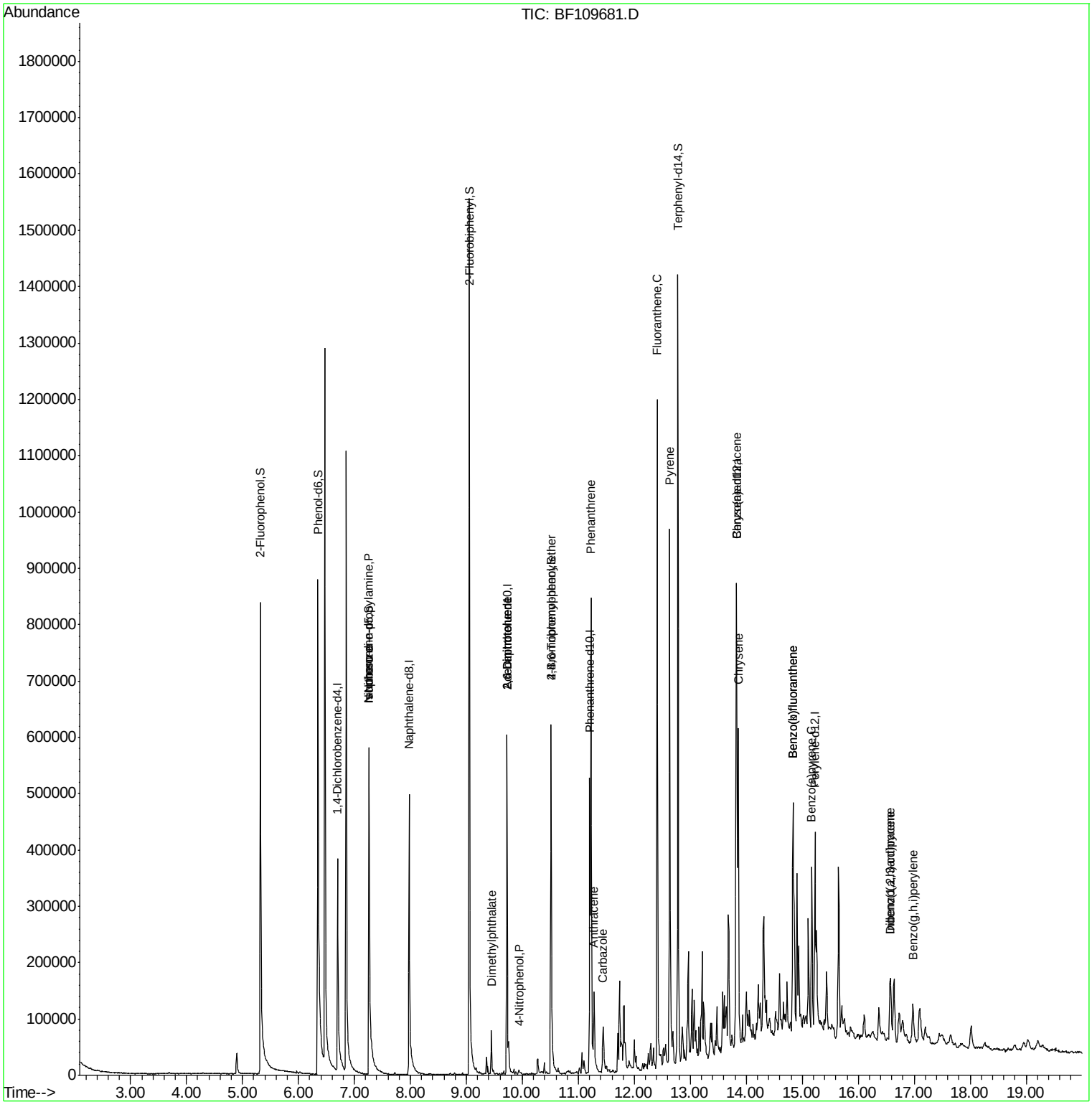
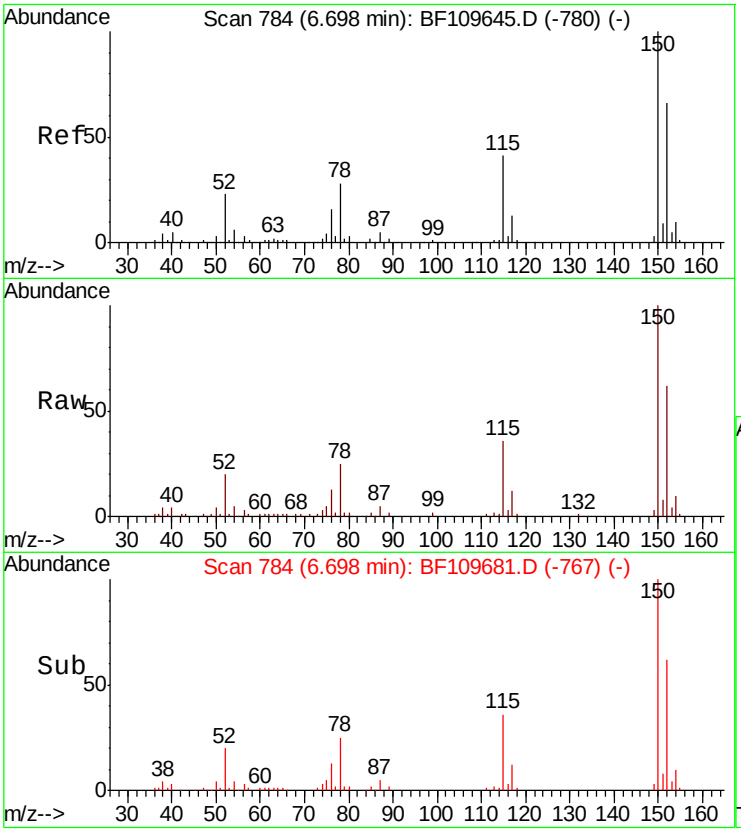


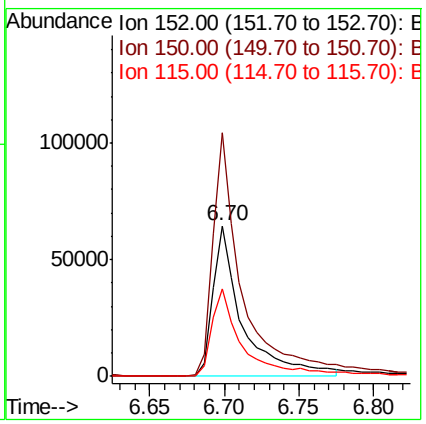


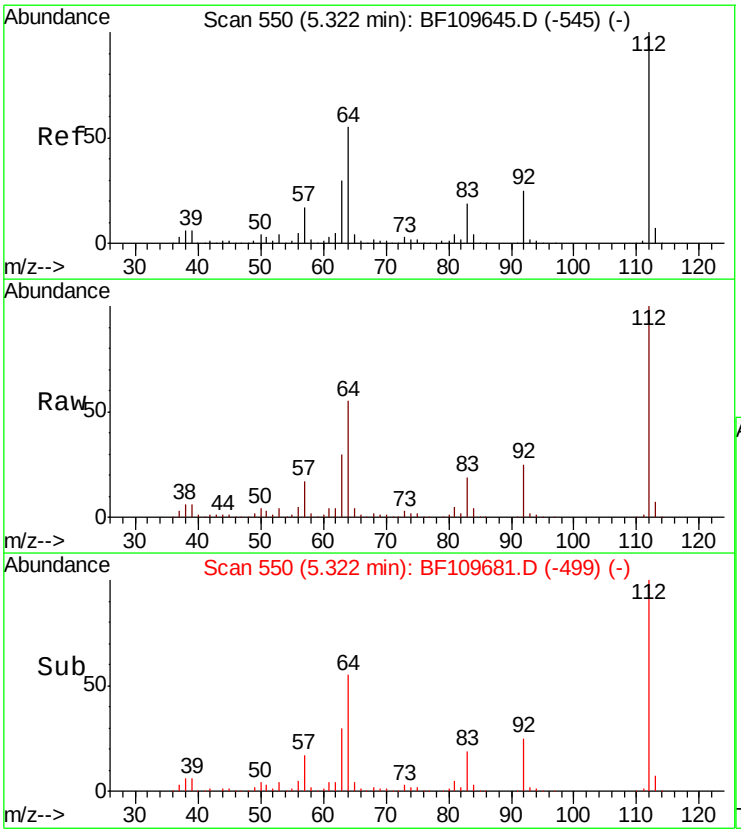
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:152 Resp: 89024

Ion	Ratio	Lower	Upper
152	100		
150	161.7	122.7	184.1
115	58.4	49.1	73.7

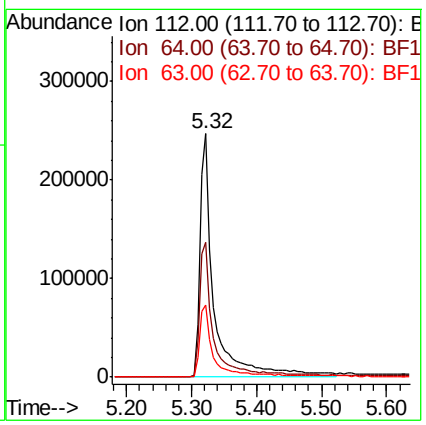


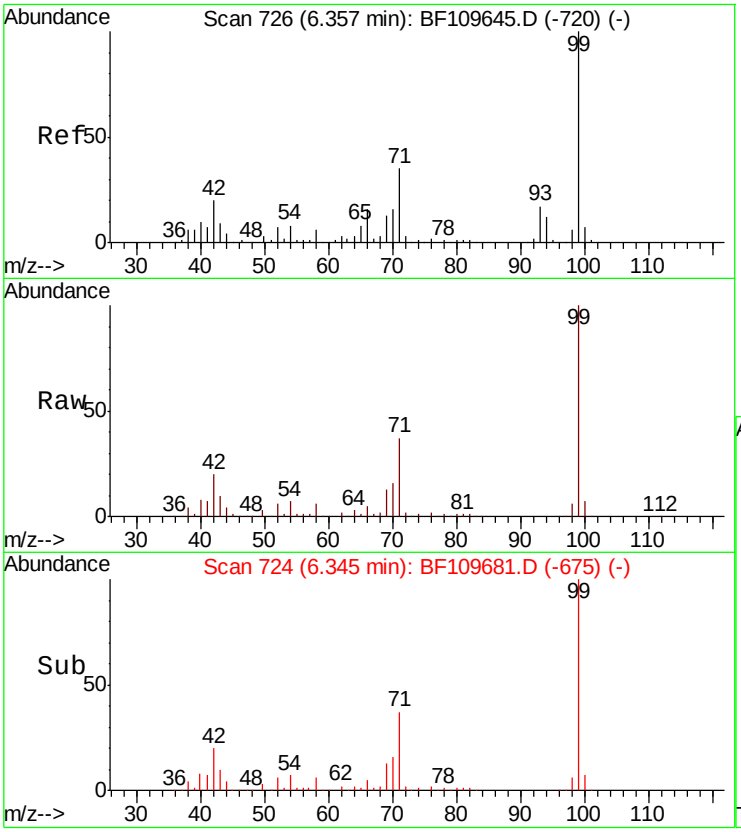


#5
2-Fluorophenol
Concen: 74.799 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:112 Resp: 375144

Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.1	66.1
63	29.8	23.7	35.5



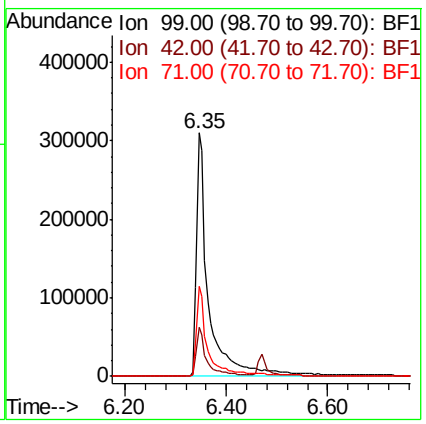


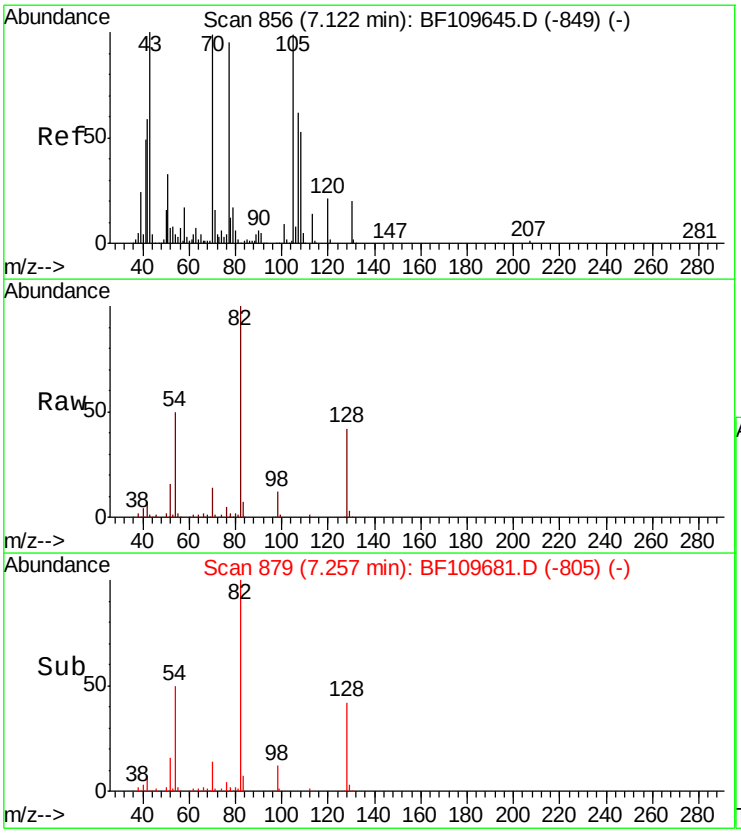
#7
Phenol-d6
Concen: 78.038 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion: 99 Resp: 522851

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	36.8	28.0	42.0

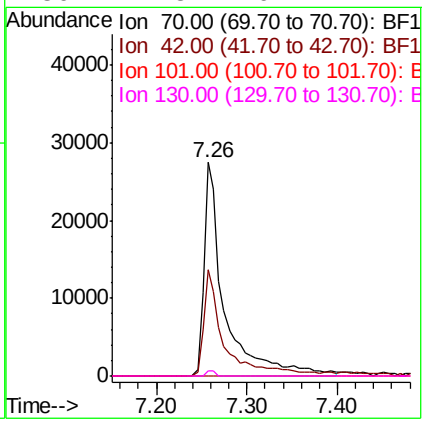


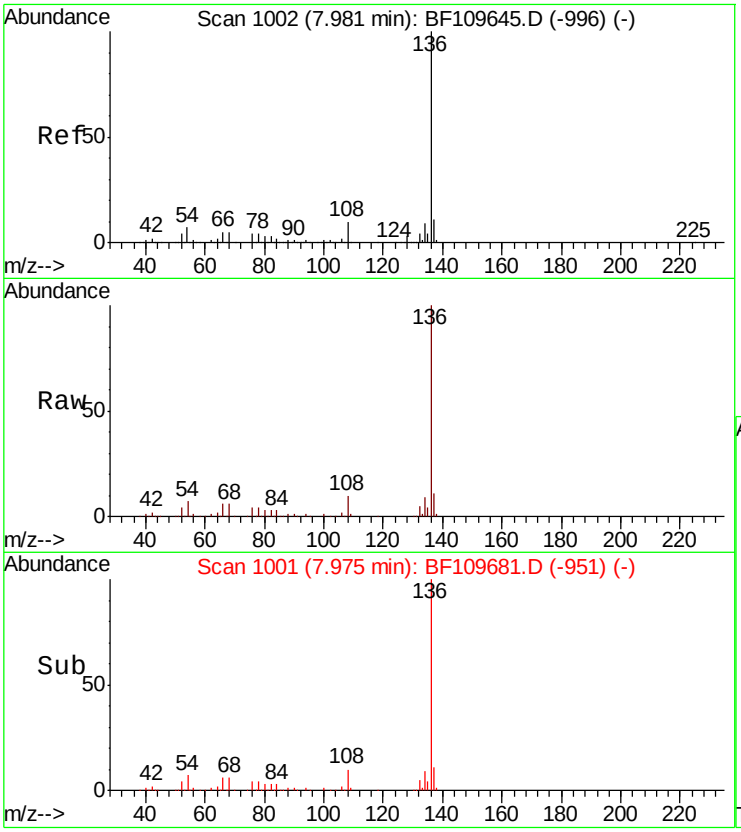


#19
n-Nitroso-di-n-propylamine
Concen: 9.253 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion: 70 Resp: 43475

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



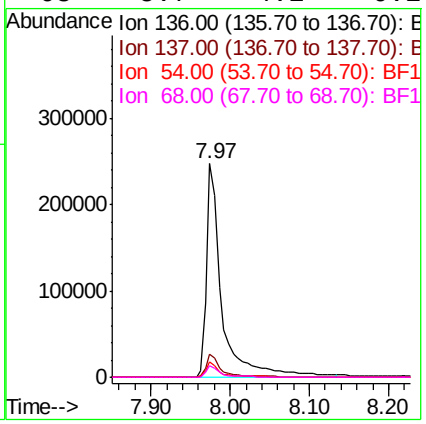


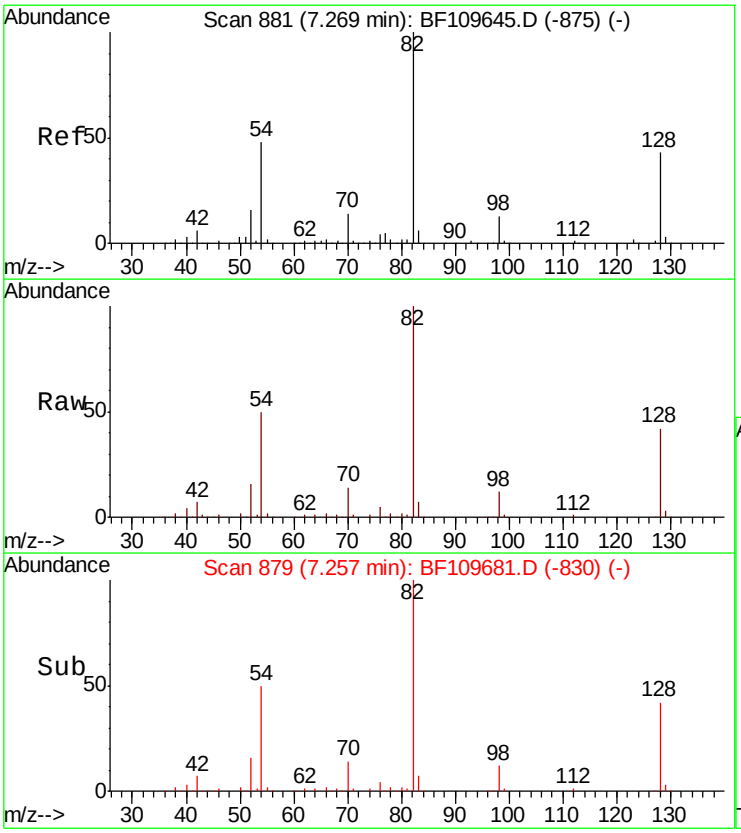
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:136 Resp: 336246

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.2	5.4	8.2
68	5.7	4.2	6.2

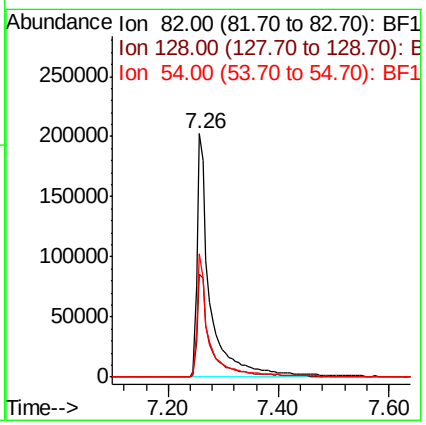


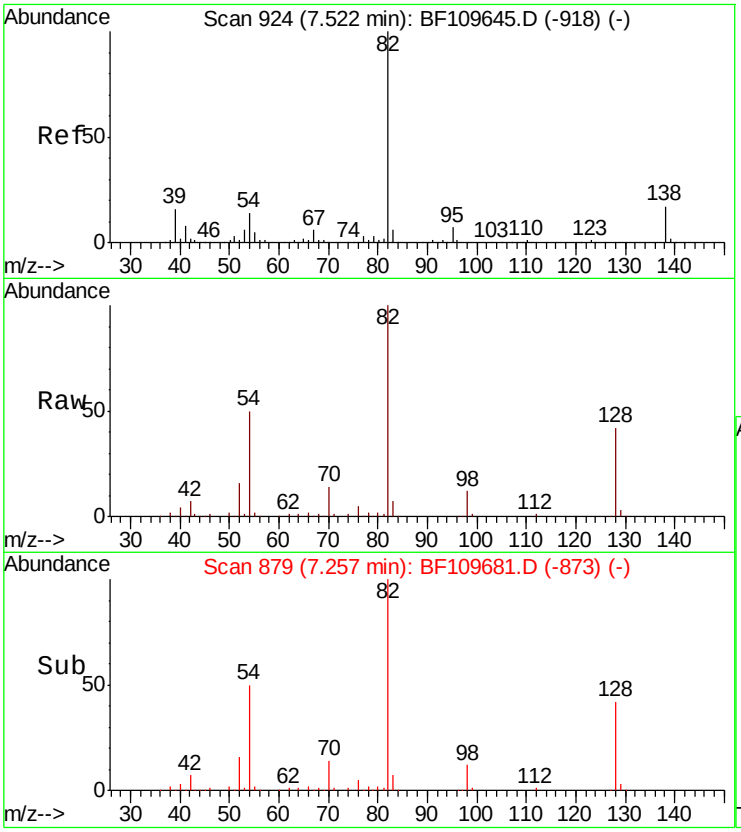


#23
Nitrobenzene-d5
Concen: 54.958 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion: 82 Resp: 335237

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.2	51.2
54	50.5	38.6	58.0



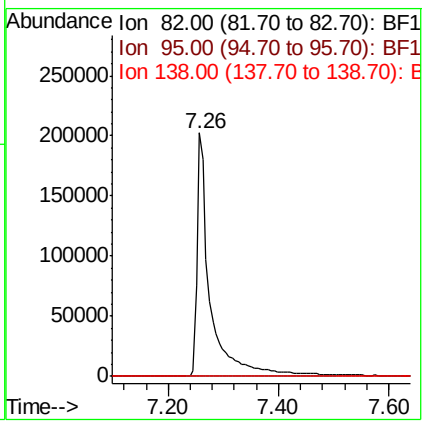


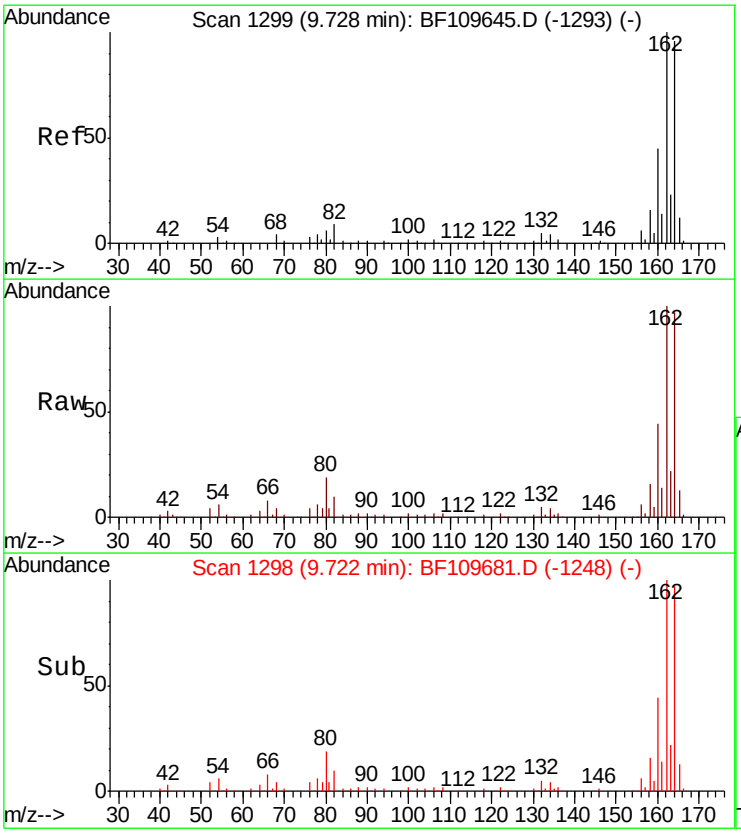
#25
Isophorone
Concen: 33.096 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion: 82 Resp: 335237

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

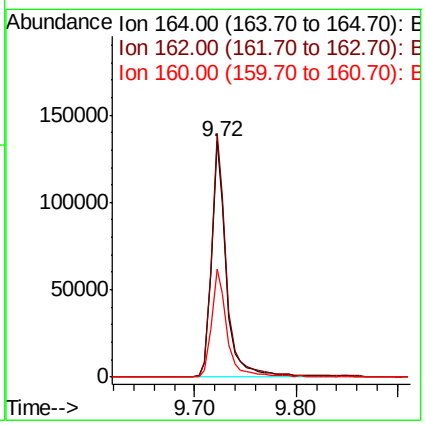


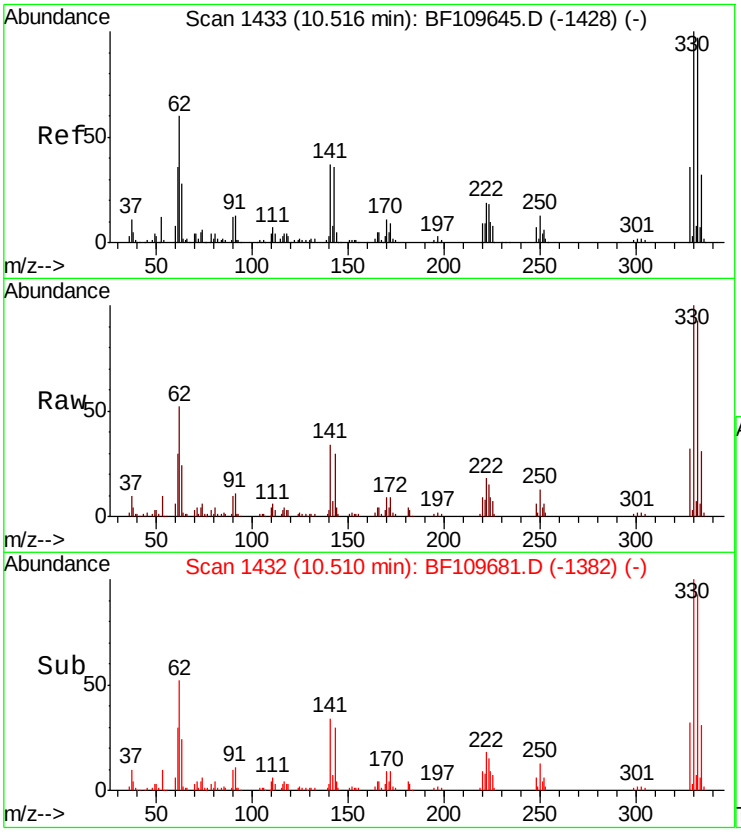


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:164 Resp: 137145

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	45.7	37.0	55.6



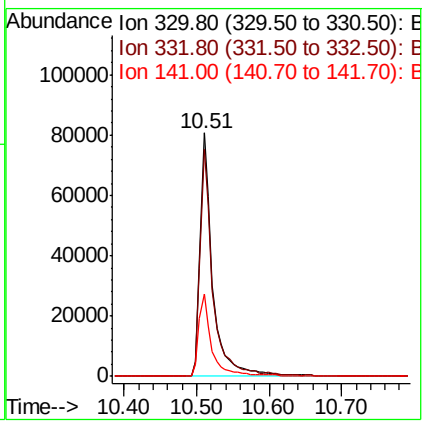


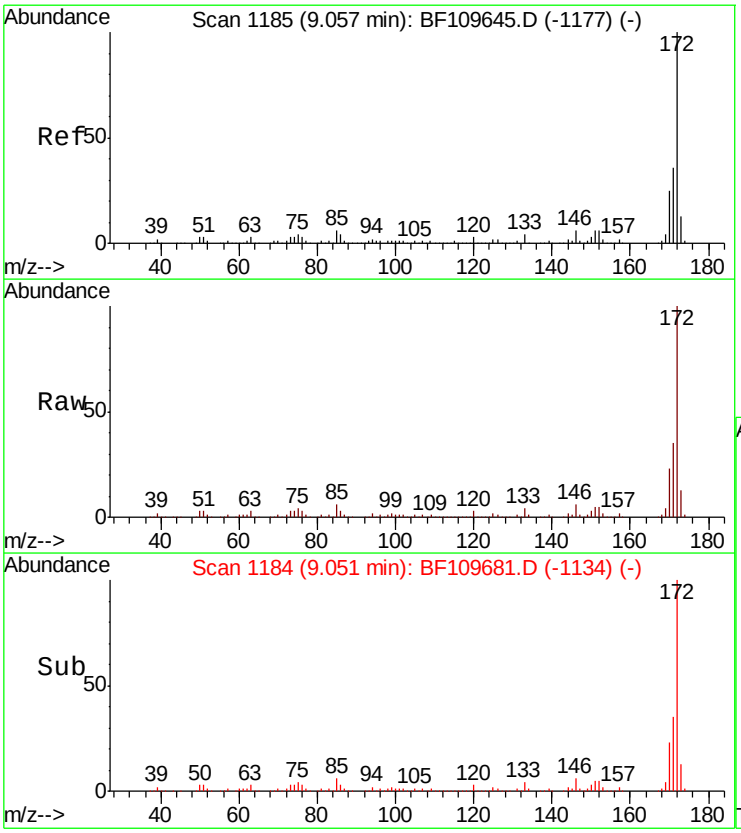
#41
2,4,6-Tribromophenol
Concen: 66.079 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:330 Resp: 98744

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.1	115.7
141	34.4	27.0	40.4

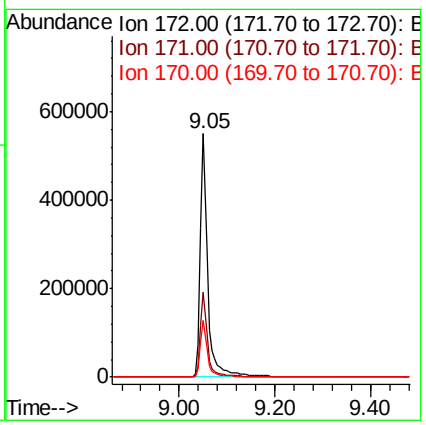


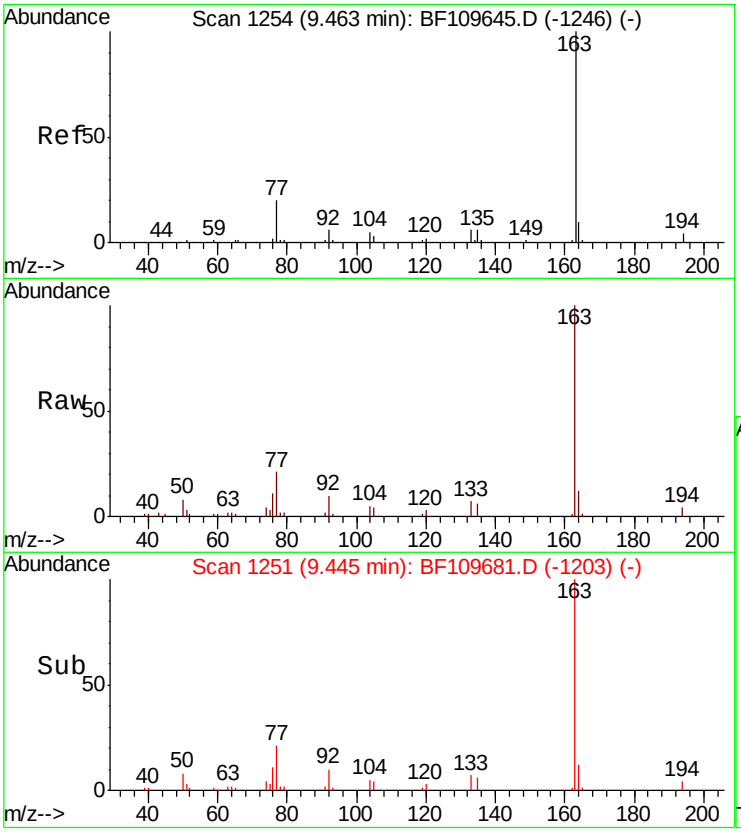


#44
2-Fluorobiphenyl
Concen: 59.088 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:172 Resp: 588394

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.4	19.7	29.5



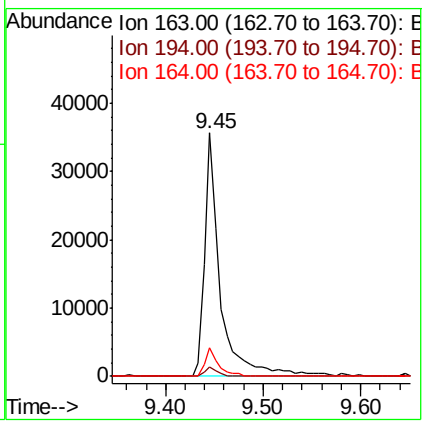


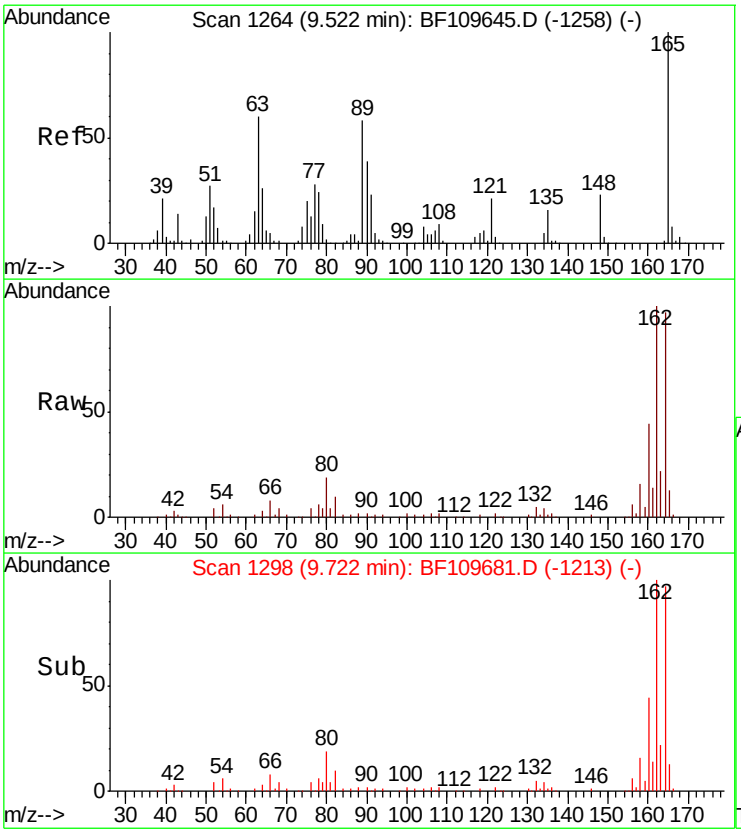
#49
Dimethylphthalate
Concen: 3.935 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:163 Resp: 39575

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	11.7	8.1	12.1

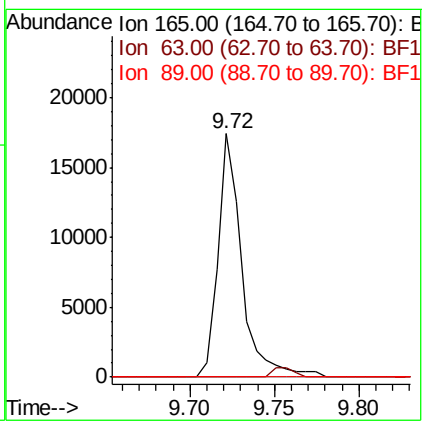


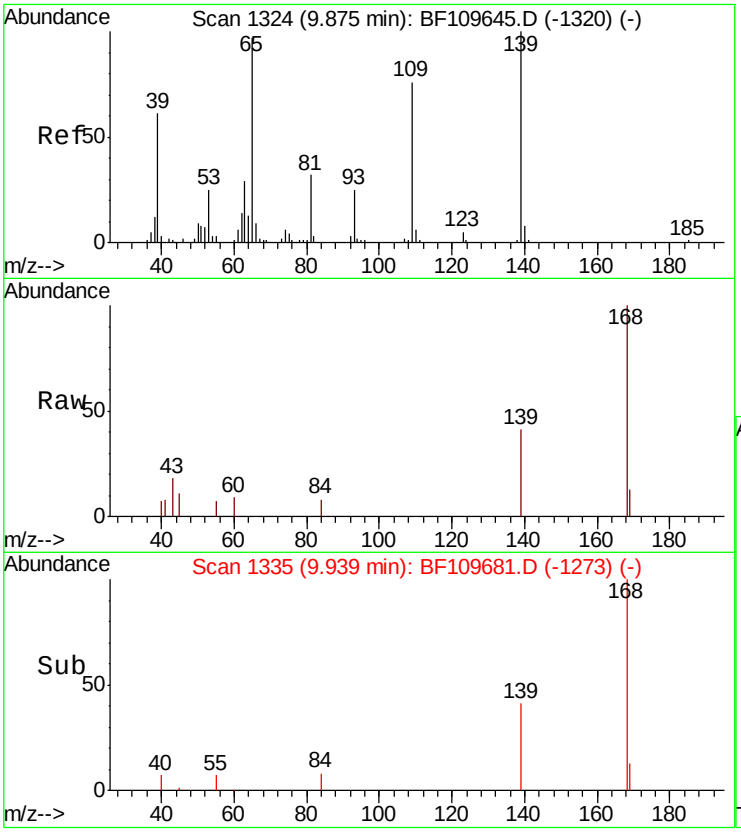


#50
2,6-Dinitrotoluene
Concen: 7.849 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:165 Resp: 17113

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



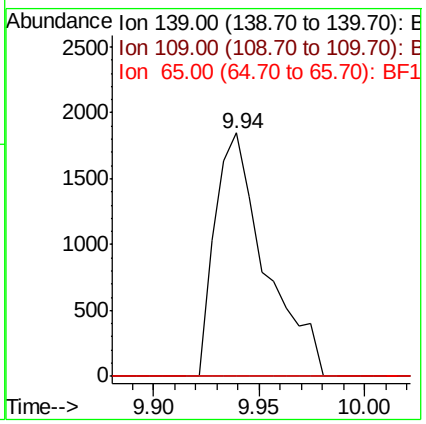


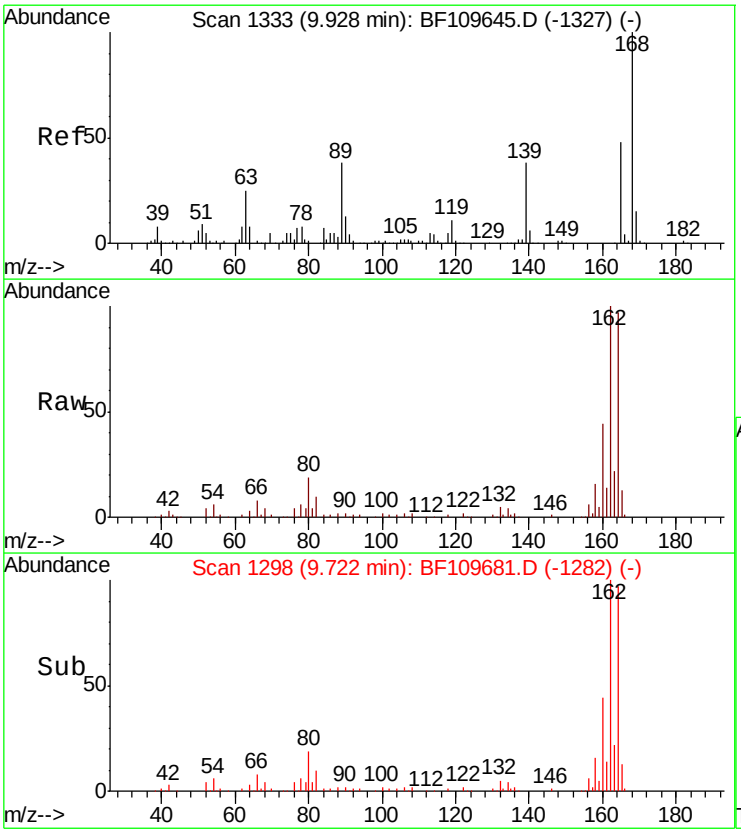
#55
4-Nitrophenol
Concen: 2.295 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.06 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:139 Resp: 3070

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#

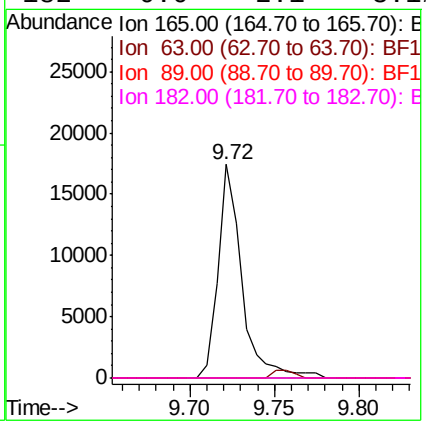


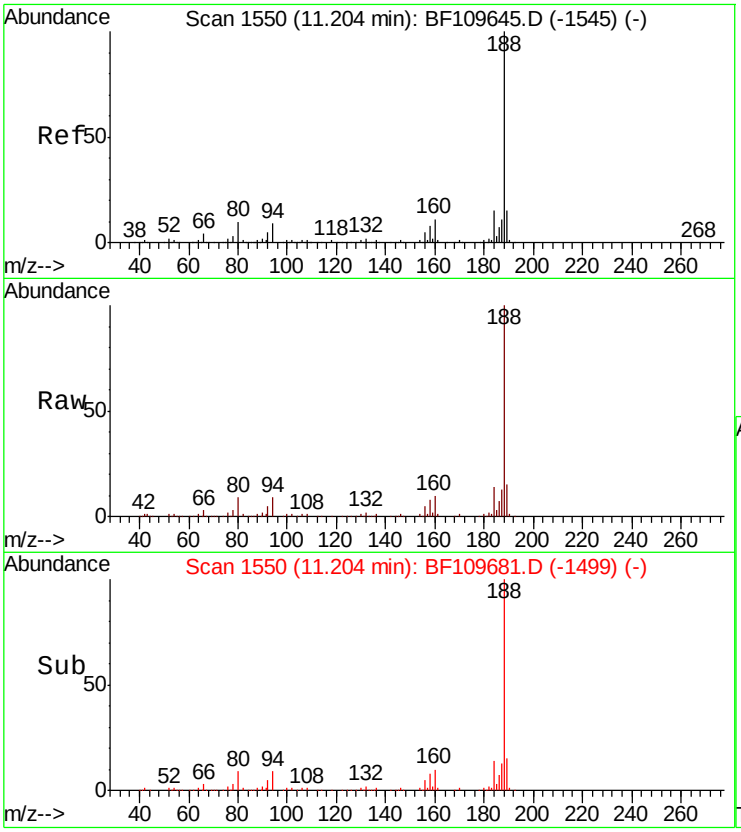


#56
2,4-Dinitrotoluene
Concen: 6.289 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:165 Resp: 17113

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#



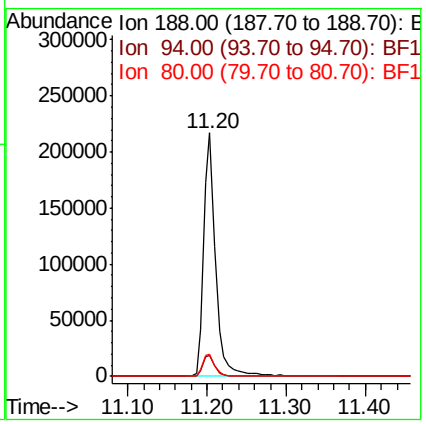


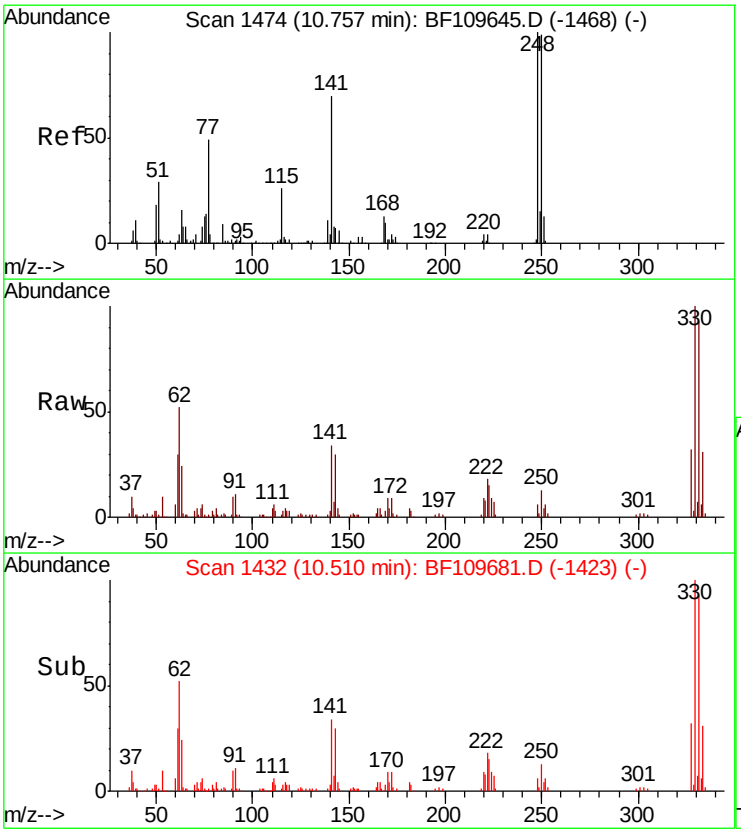
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:188 Resp: 229440

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.0	7.9	11.9

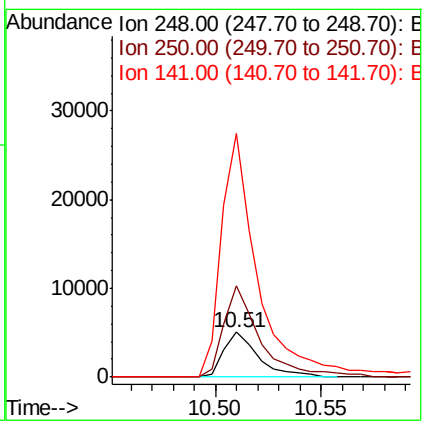


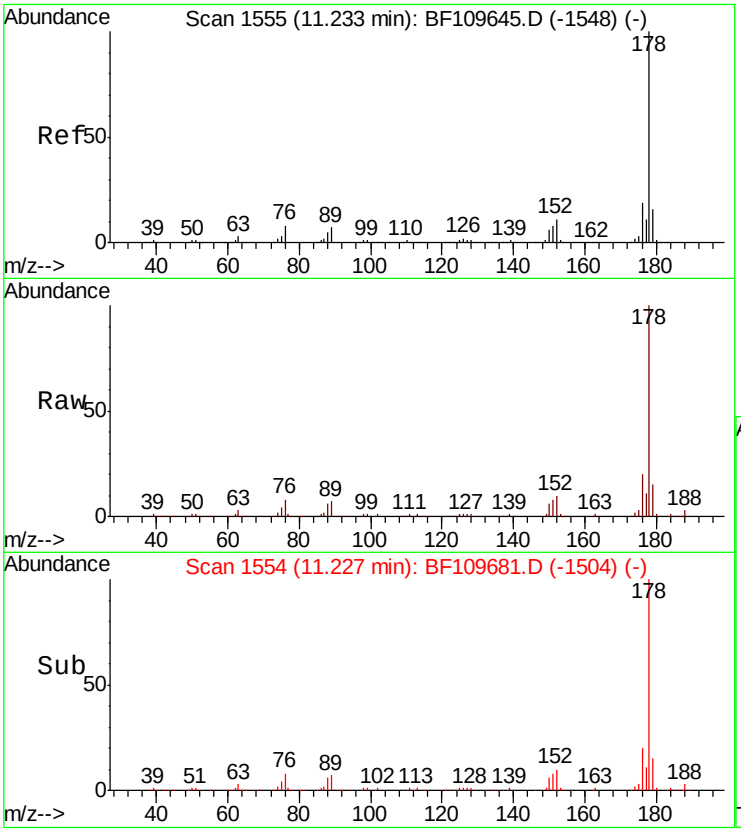


#66
4-Bromophenyl-phenylether
Concen: 2.169 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:248 Resp: 5717

Ion	Ratio	Lower	Upper
248	100		
250	201.9	79.4	119.2#
141	540.6	55.9	83.9#



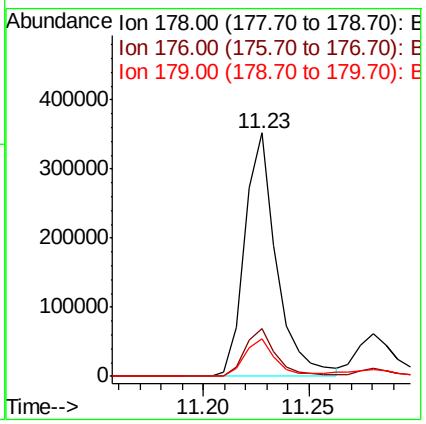


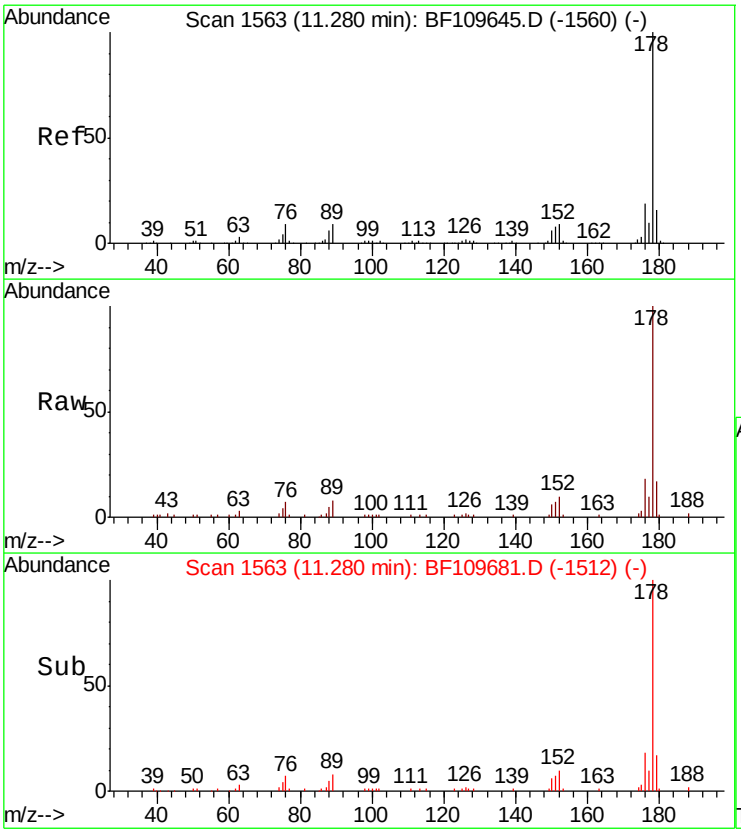
#70
Phenanthrene
Concen: 32.150 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:178 Resp: 369146

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.4	12.5	18.7

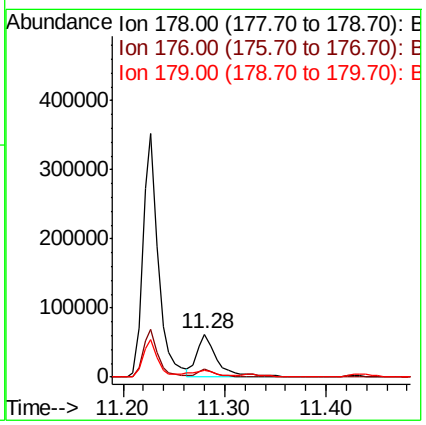


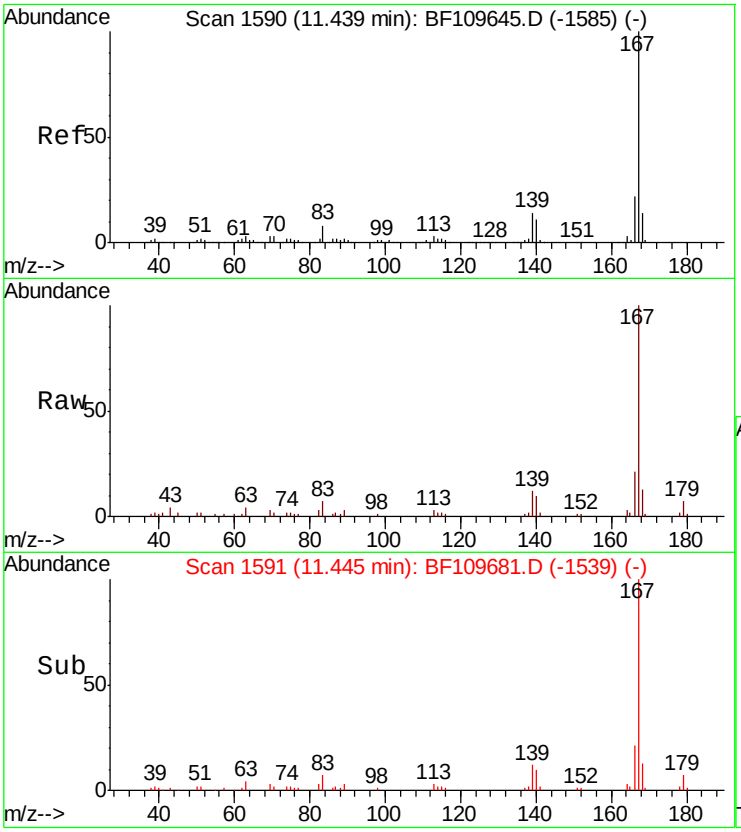


#71
Anthracene
Concen: 7.290 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:178 Resp: 86530

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.0	12.6	18.8



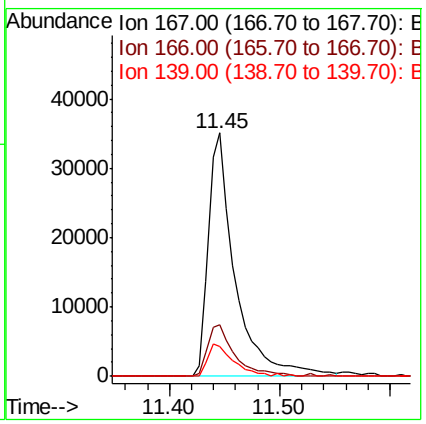


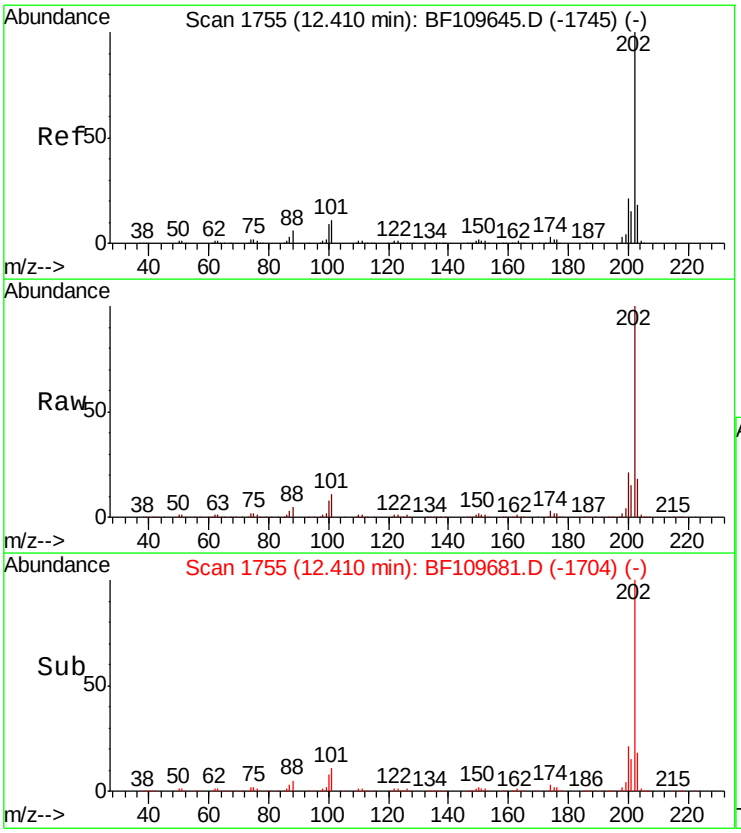
#72
Carbazole
Concen: 5.072 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:167 Resp: 58392

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.1	10.9	16.3

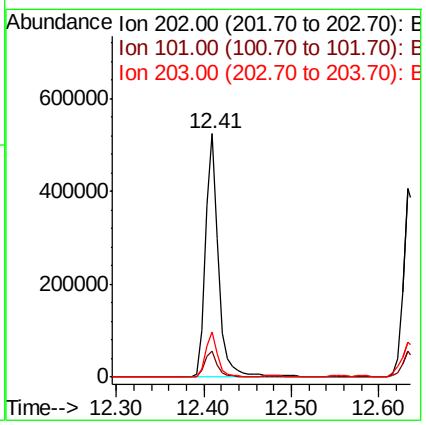


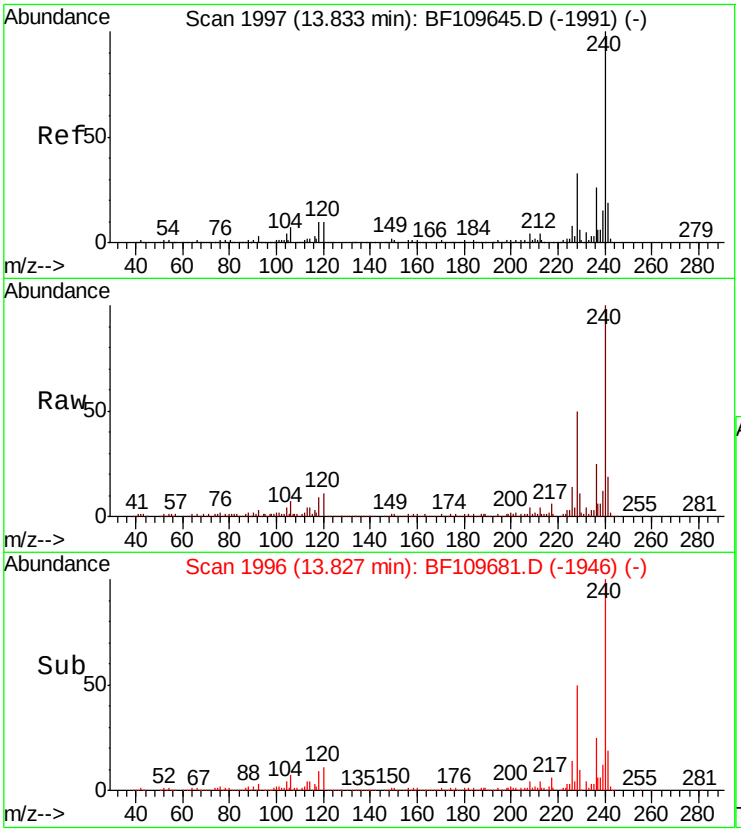


#74
Fluoranthene
Concen: 44.875 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:202 Resp: 538282

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	18.3	0.0	37.7



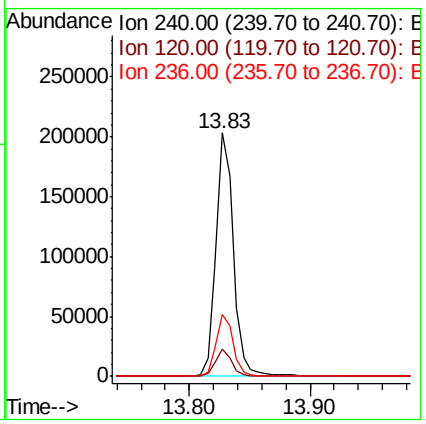


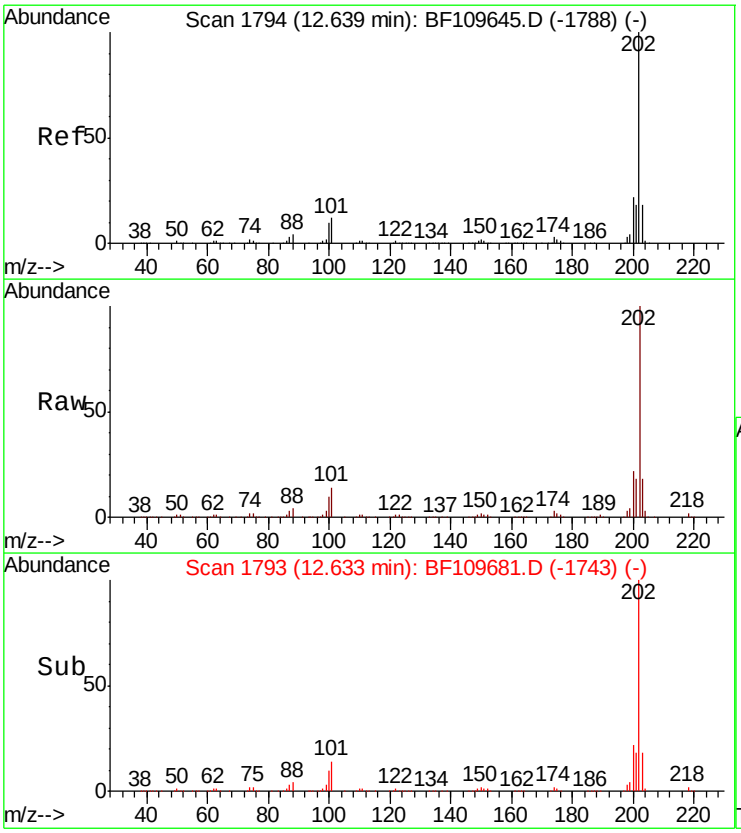
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:240 Resp: 201087

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.5	21.2	31.8

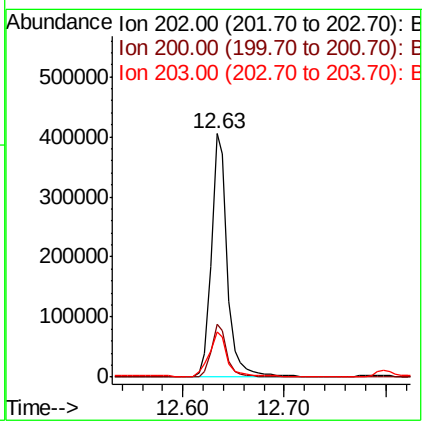


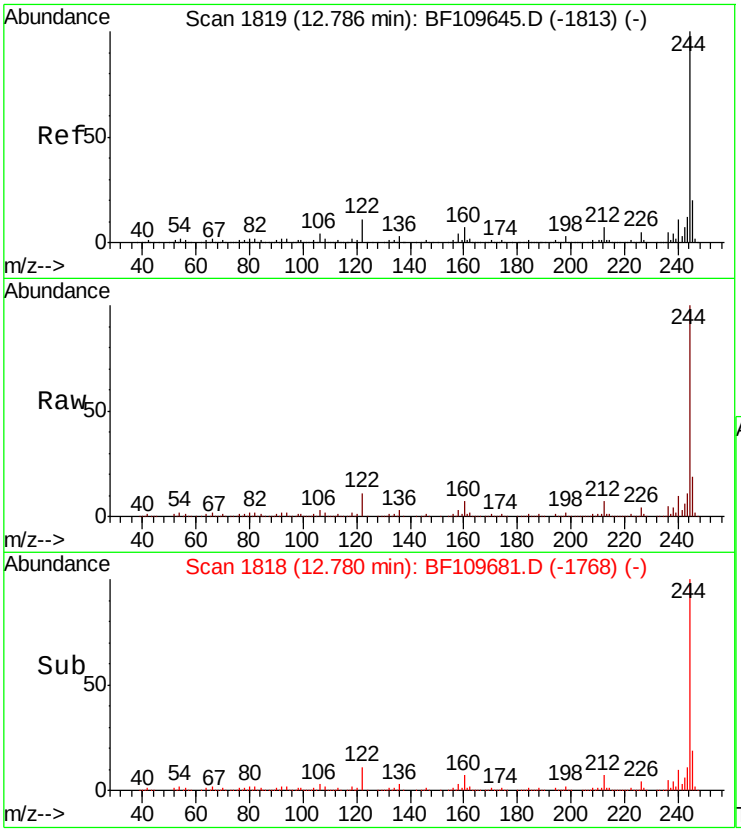


#77
Pyrene
Concen: 29.976 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:202 Resp: 441639

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	18.5	14.2	21.4



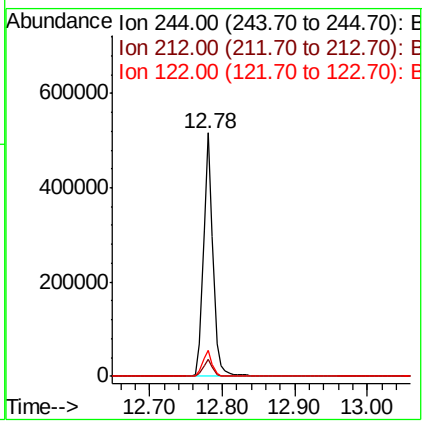


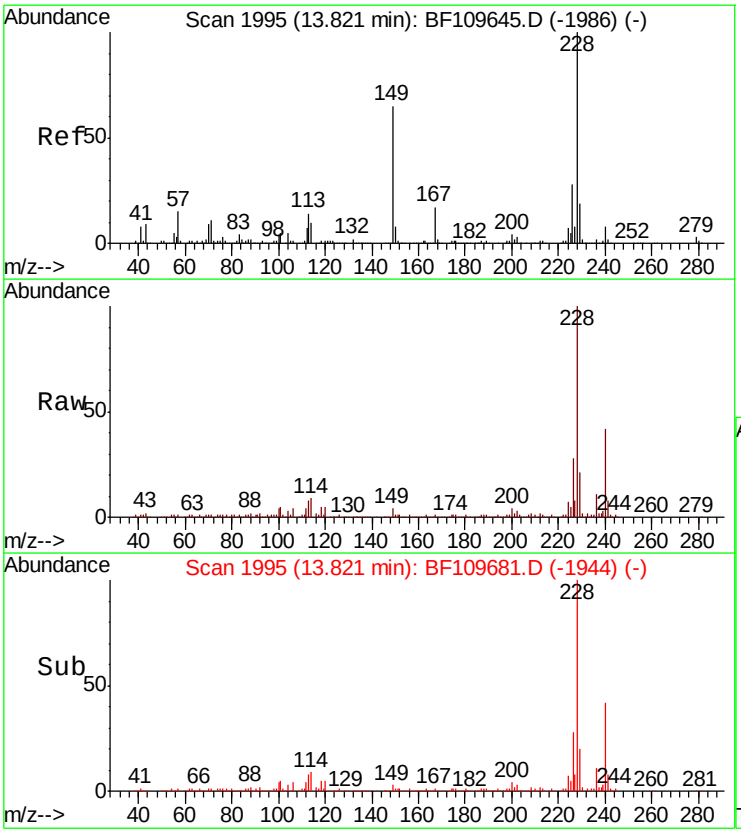
#78
Terphenyl-d14
Concen: 45.387 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:244 Resp: 471465

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.5	8.7	13.1

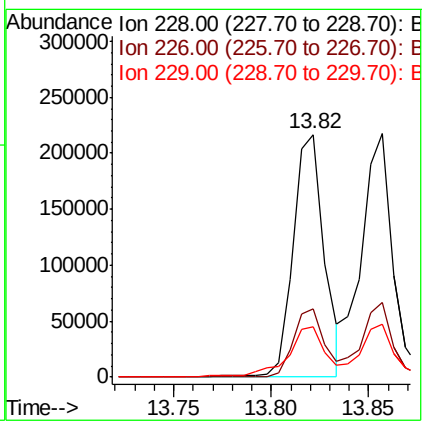


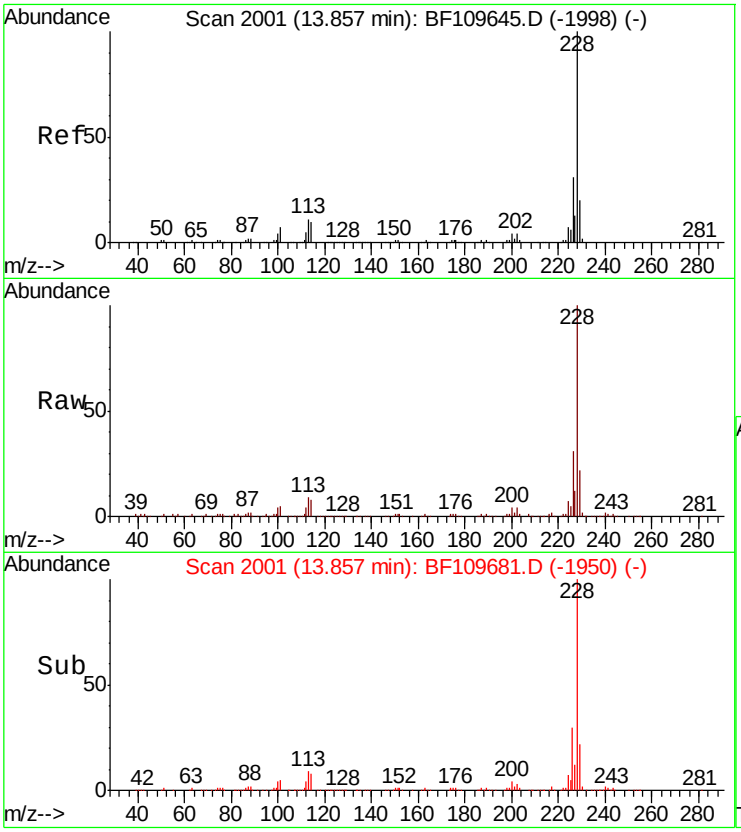


#80
Benzo(a)anthracene
Concen: 21.443 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:228 Resp: 237945

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.7	15.6	23.4



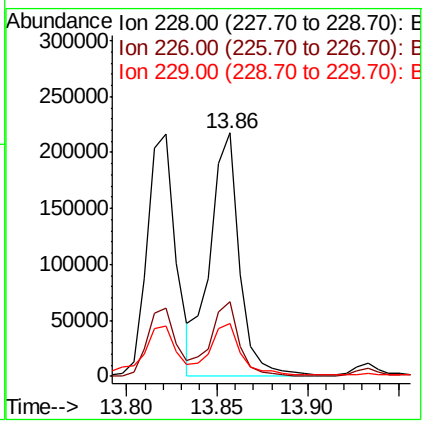


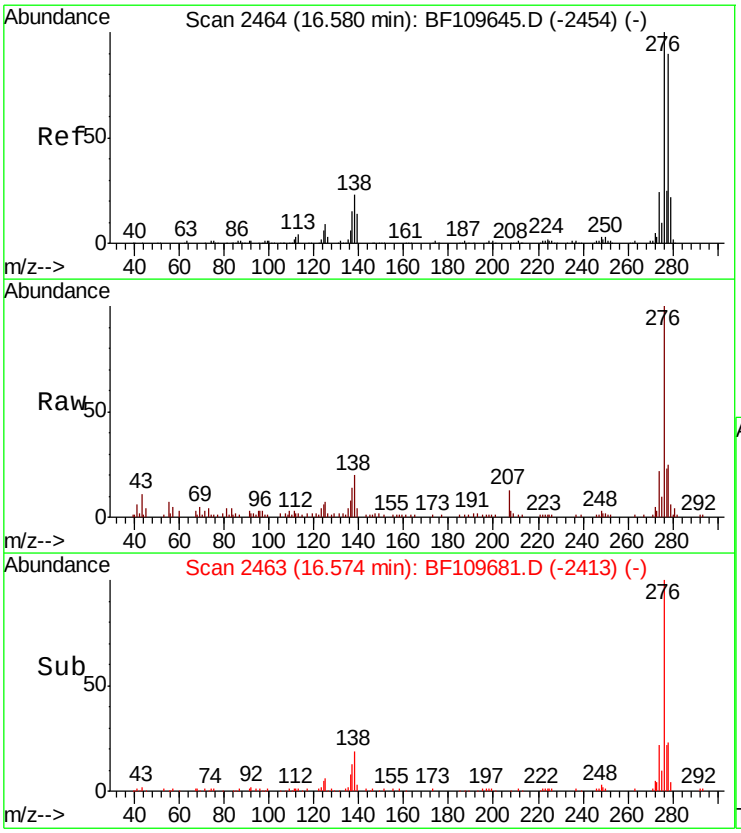
#82
Chrysene
Concen: 21.070 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:228 Resp: 245590

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	21.9	15.9	23.9

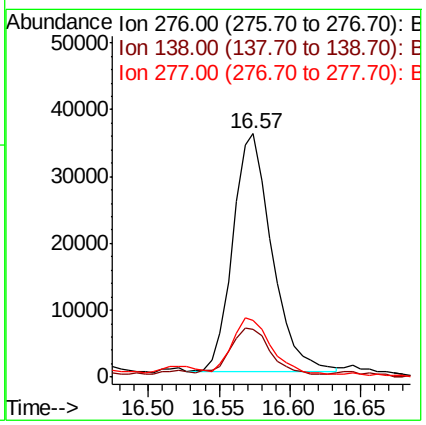


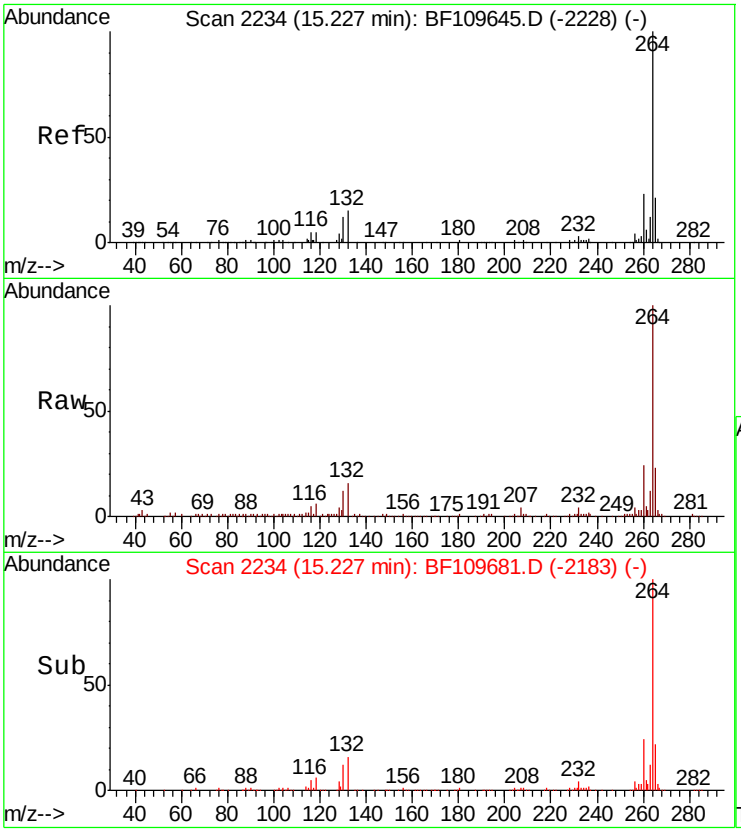


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.203 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:276 Resp: 68436

Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.5	27.7
277	23.2	20.0	30.0



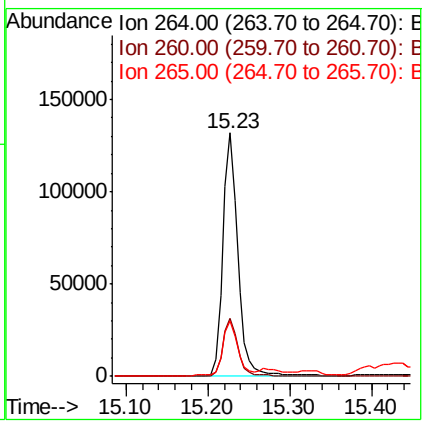


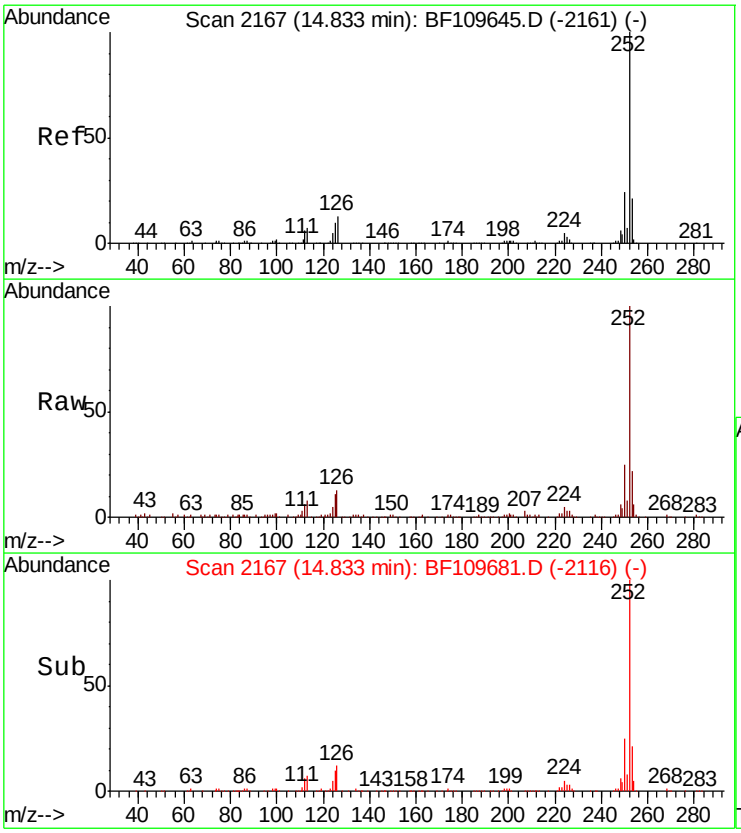
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:264 Resp: 169723

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.7	16.7	25.1

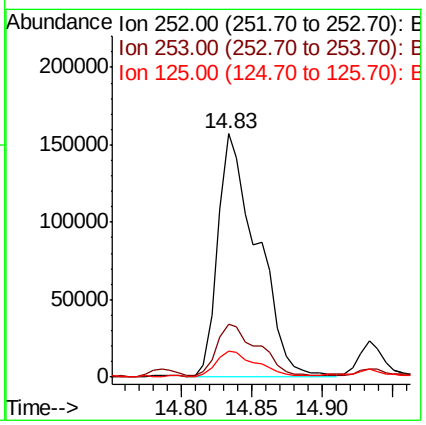


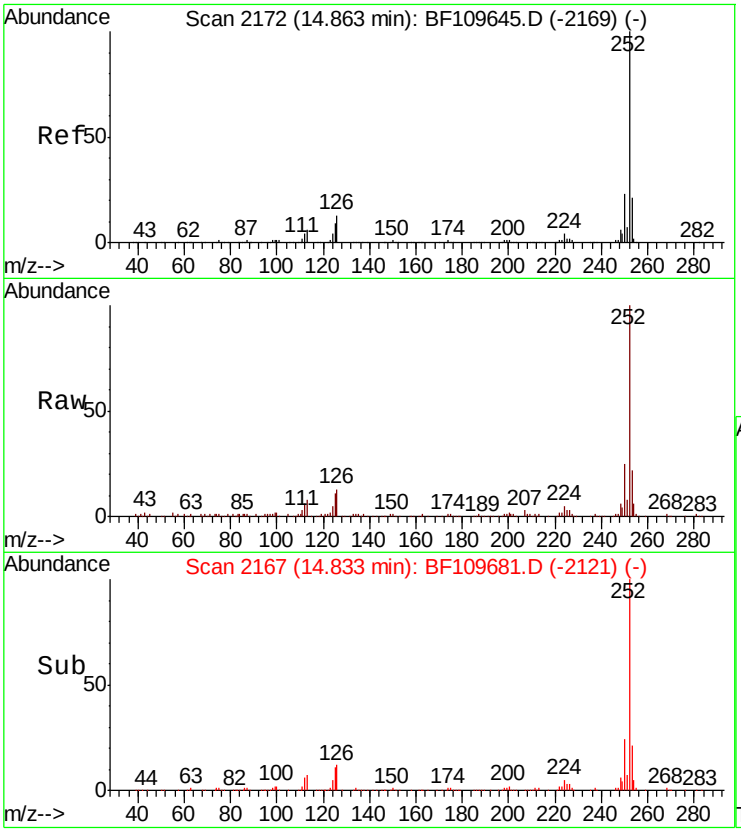


#87
Benzo(b)fluoranthene
Concen: 32.225 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:252 Resp: 302244

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.9	8.2	12.4



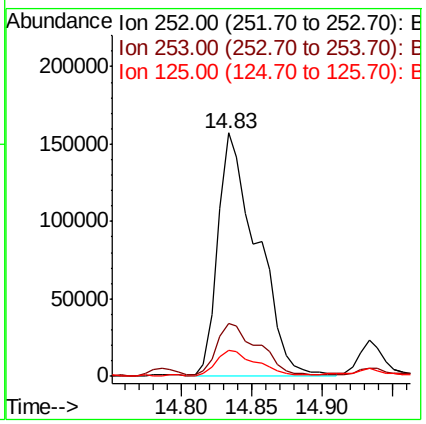


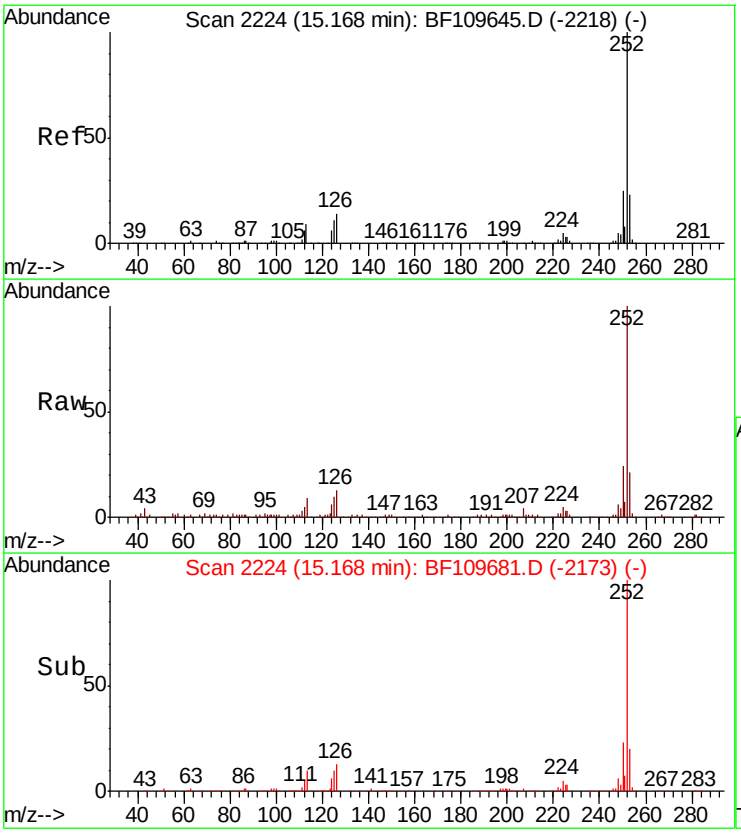
#88
Benzo(k)fluoranthene
Concen: 32.072 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:252 Resp: 302244

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.9	7.4	11.0

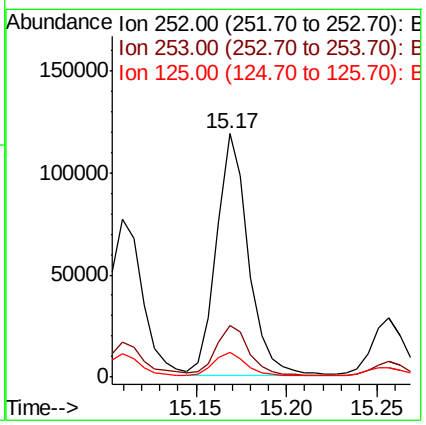


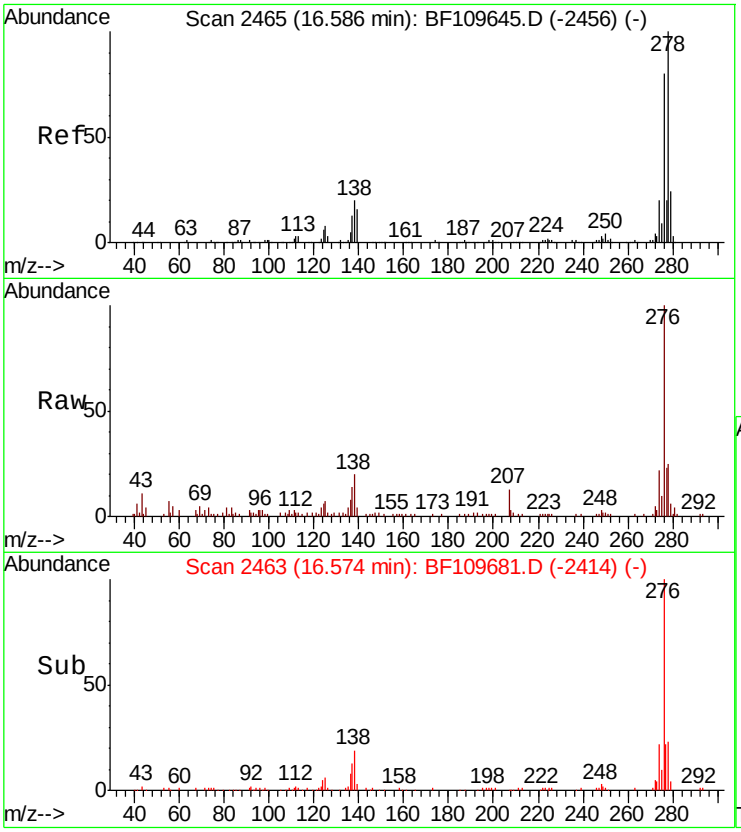


#89
Benzo(a)pyrene
Concen: 17.129 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:252 Resp: 145792

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	10.4	9.0	13.6



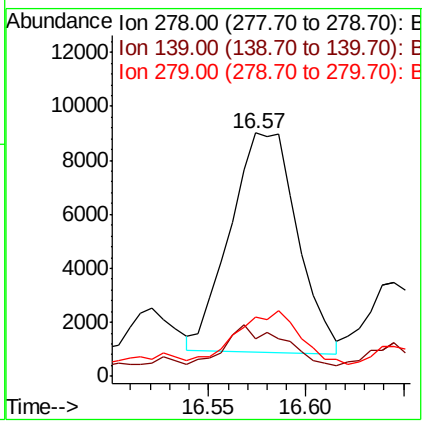


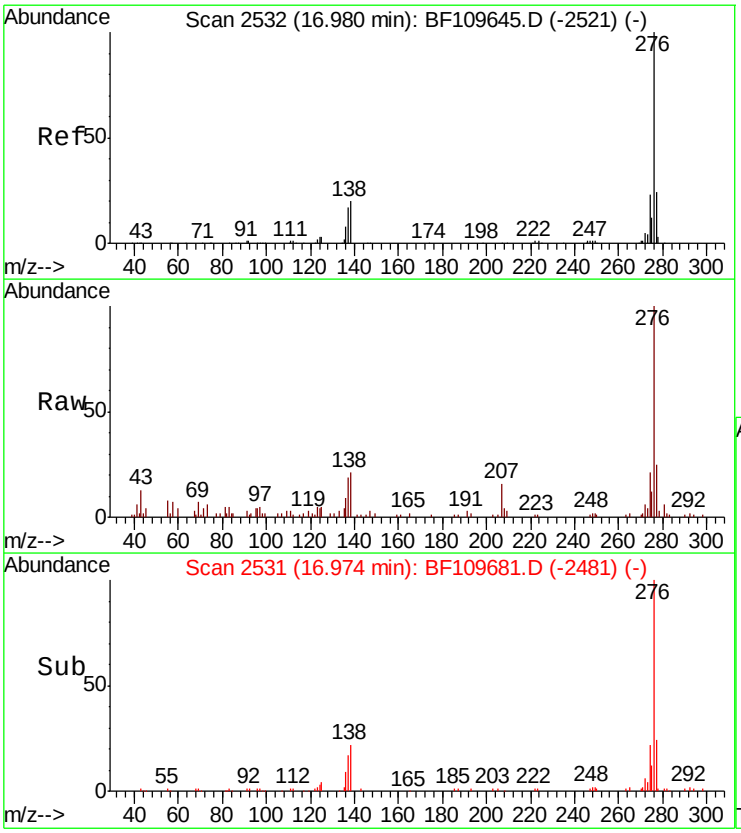
#90
Dibenzo(a,h)anthracene
Concen: 2.766 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Instrument :
BNA_F
ClientSampleId :
S-9

Tgt Ion:278 Resp: 19335

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	24.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 9.150 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF109681.D
Acq: 9 Oct 2018 7:29

Tgt Ion:276 Resp: 63867

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	21.3	16.0	24.0