Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107956.D
Acq On : 3 Aug 2018 23:37
Operator : JU/SJ
Sample : J4310-03 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 04:08:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	93197	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	480619	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	195733	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	336825	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	334140	20.00	ng		-0.01
86) Perylene-d12	15.67	264	341713	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	12294	2.24	ng		0.15
7) Phenol-d6	6.70	99	41154	5.69	ng		0.09
23) Nitrobenzene-d5	7.59	82	19591	2.35	ng		0.05
41) 2,4,6-Tribromophenol	10.80	330	22729	8.55	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	142343	10.13	ng		-0.01
78) Terphenyl-d14	13.07	244	142519	9.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	207	5.864	ng	#	73
50) 2,6-Dinitrotoluene	9.99	165	24036	7.524	ng	#	25
51) Acenaphthene	10.02	154	34426	2.846	ng		97
55) 4-Nitrophenol	10.22	139	8080	13.081	ng	#	9
56) 2,4-Dinitrotoluene	9.99	165	24593	5.857	ng	#	22
57) Fluorene	10.55	166	41951	2.887	ng	#	91
70) Phenanthrene	11.51	178	572902	35.821	ng		98
71) Anthracene	11.57	178	239395	12.977	ng		98
72) Carbazole	11.76	167	44602	2.447	ng		96
74) Fluoranthene	12.71	202	934767	49.750	ng		97
77) Pyrene	12.94	202	760646	31.613	ng		97
80) Benzo(a)anthracene	14.13	228	455766	24.079	ng		98
82) Chrysene	14.17	228	412438	20.202	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	141995	9.144	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	649253	38.524	ng		97
88) Benzo(k)fluoranthene	15.33	252	78944	3.815	ng		98
89) Benzo(a)pyrene	15.61	252	321105	18.456	ng		97
91) Benzo(g,h,i)perylene	17.73	276	126716	8.629	ng	#	90

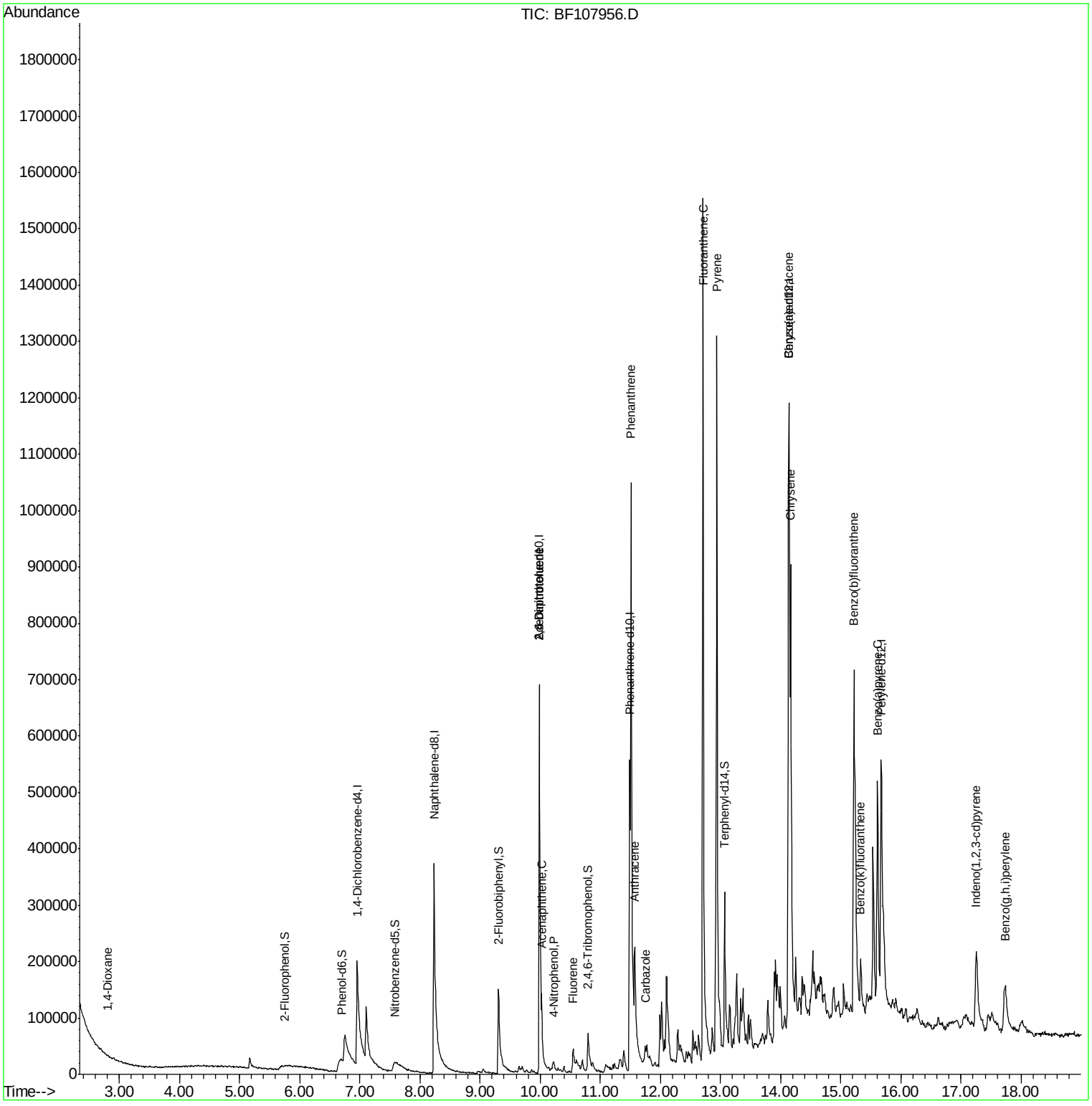
(#) = qualifier out of range (m) = manual integration (+) = signals summed

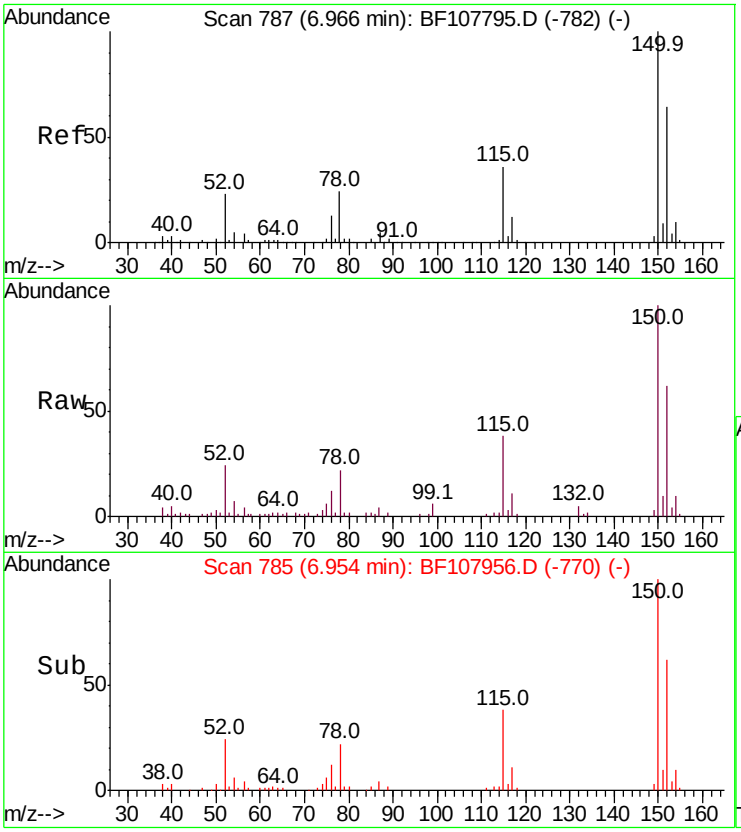
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107956.D
Acq On : 3 Aug 2018 23:37
Operator : JU/SJ
Sample : J4310-03 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 04 04:08:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration



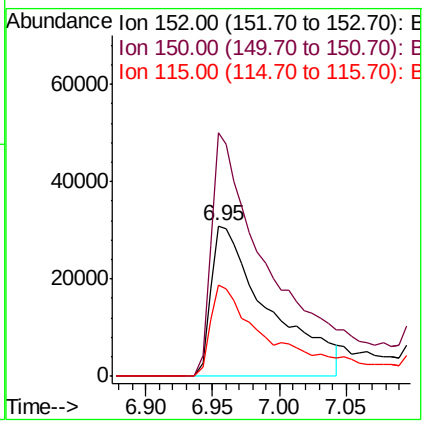


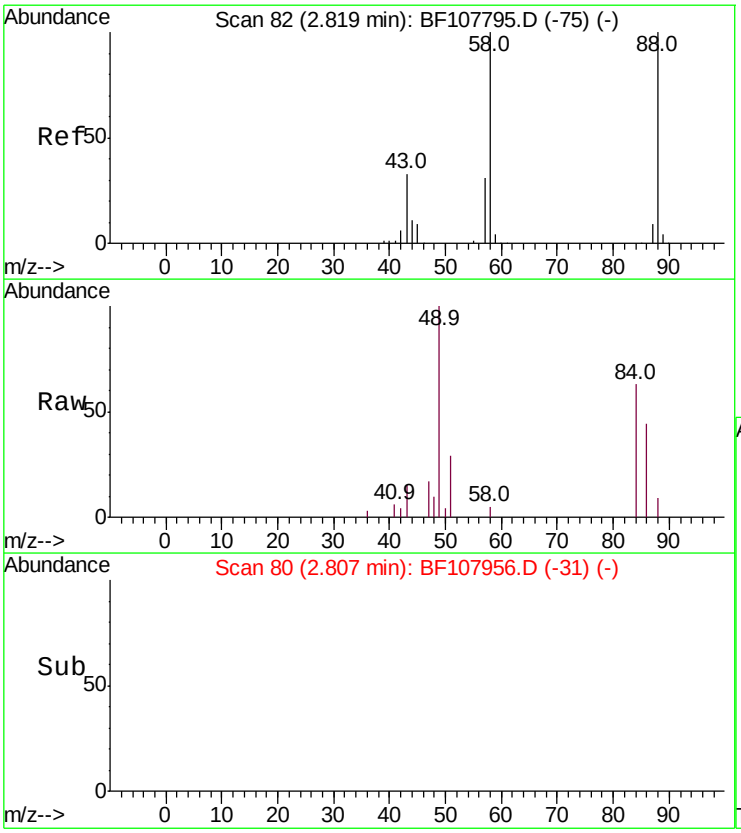
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93197

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	60.7	50.1	75.1

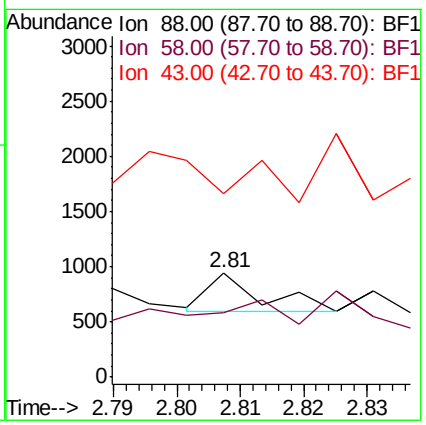


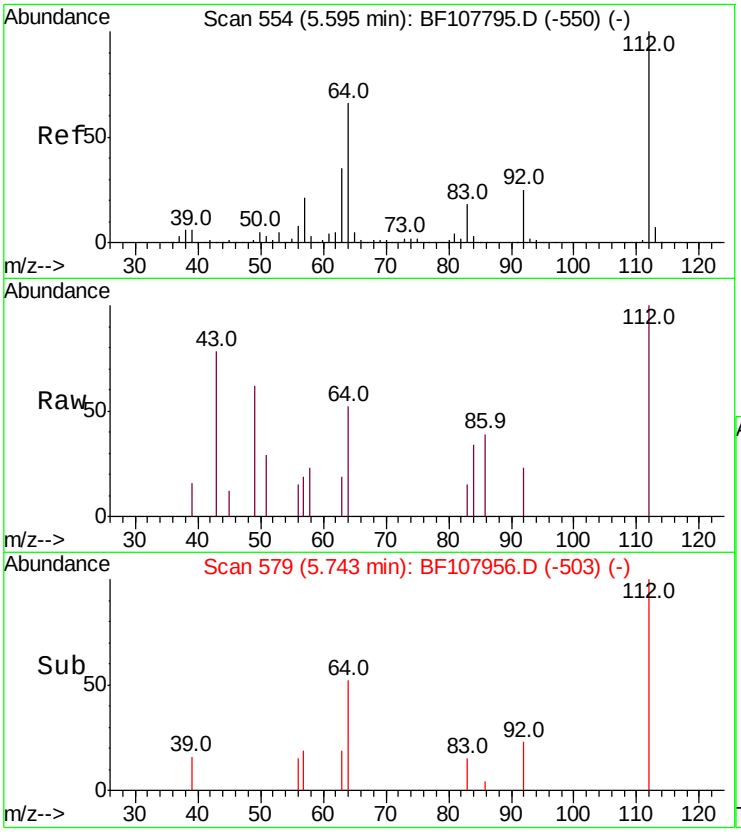


#2
1,4-Dioxane
Concen: 5.864 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion: 88 Resp: 207

Ion	Ratio	Lower	Upper
88	100		
58	91.8	62.6	93.8
43	0.0	24.6	37.0#



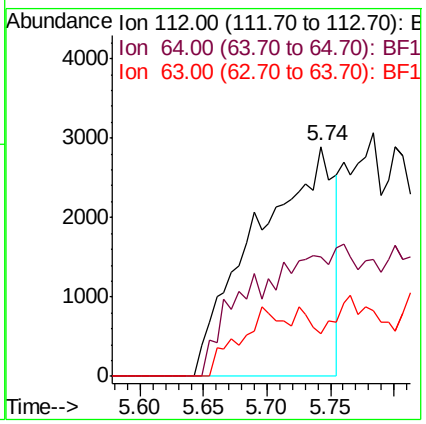


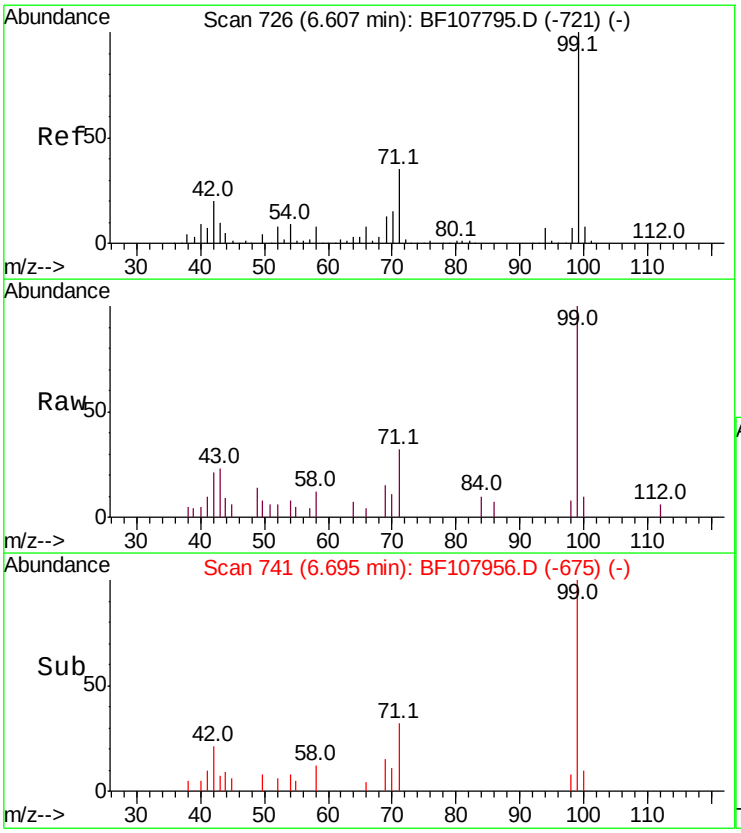
#5
2-Fluorophenol
Concen: 2.242 ng
RT: 5.74 min Scan# 579
Delta R.T. 0.15 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 12294

Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	18.8	23.7	35.5#

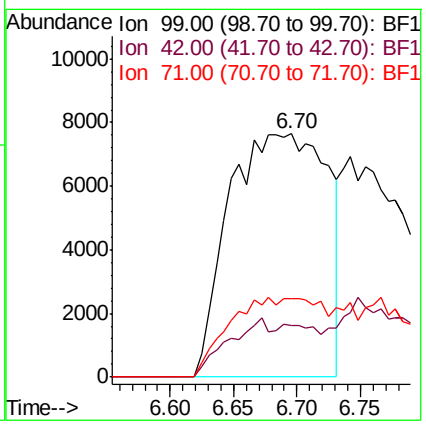


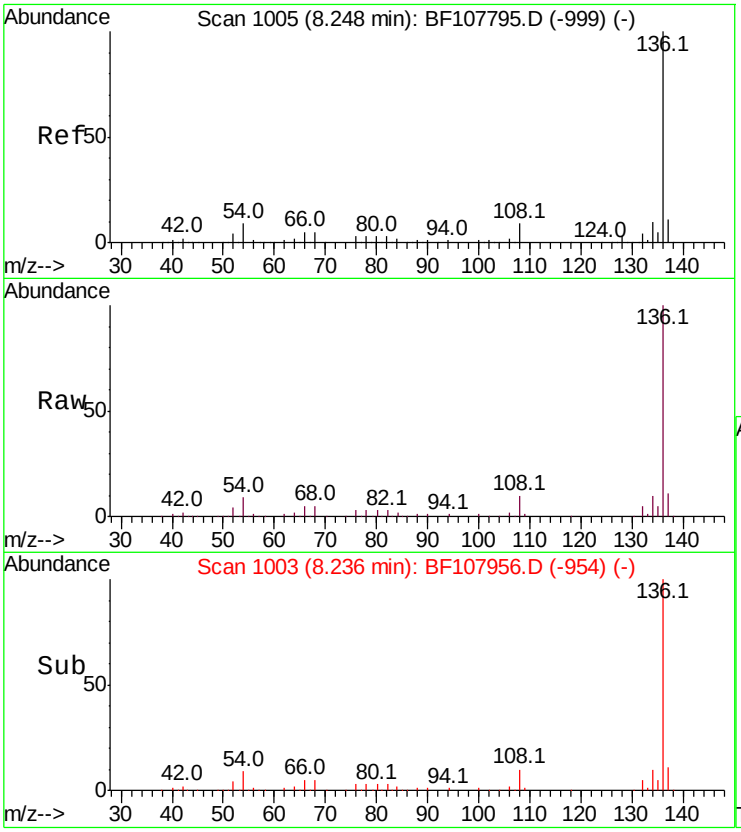


#7
Phenol-d6
Concen: 5.694 ng
RT: 6.70 min Scan# 741
Delta R.T. 0.09 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion: 99 Resp: 41154

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	32.2	25.4	38.0



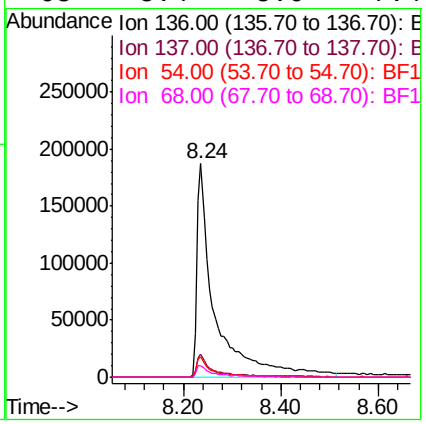


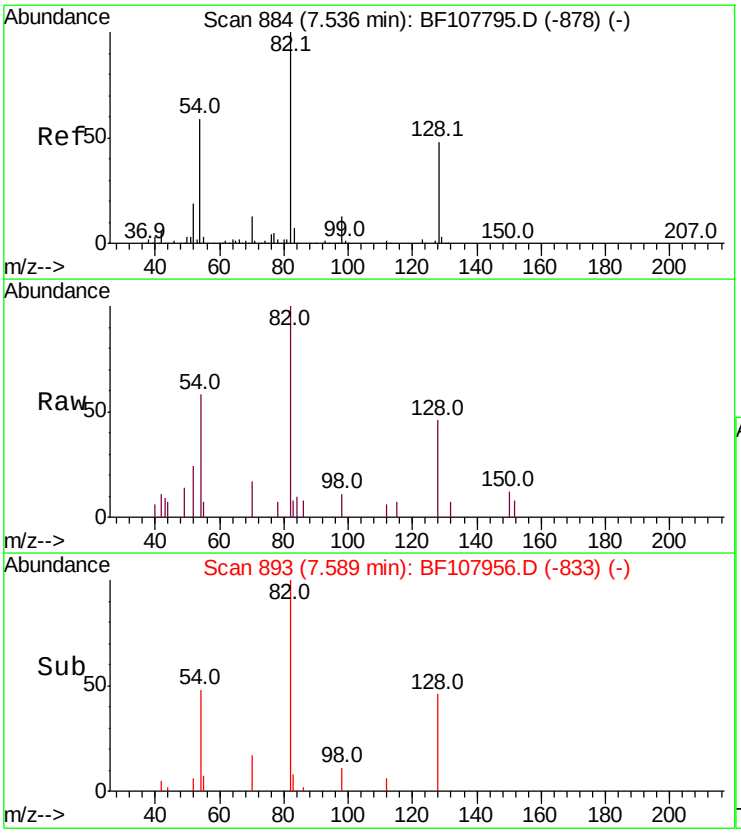
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 480619

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.4	5.0	7.4

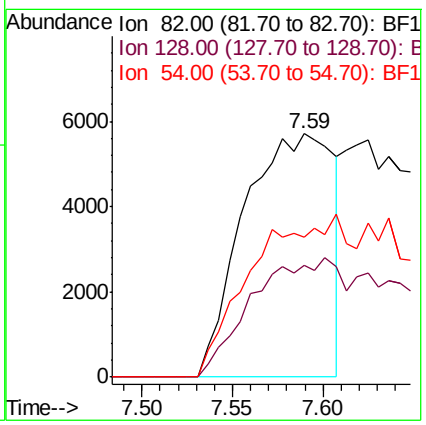


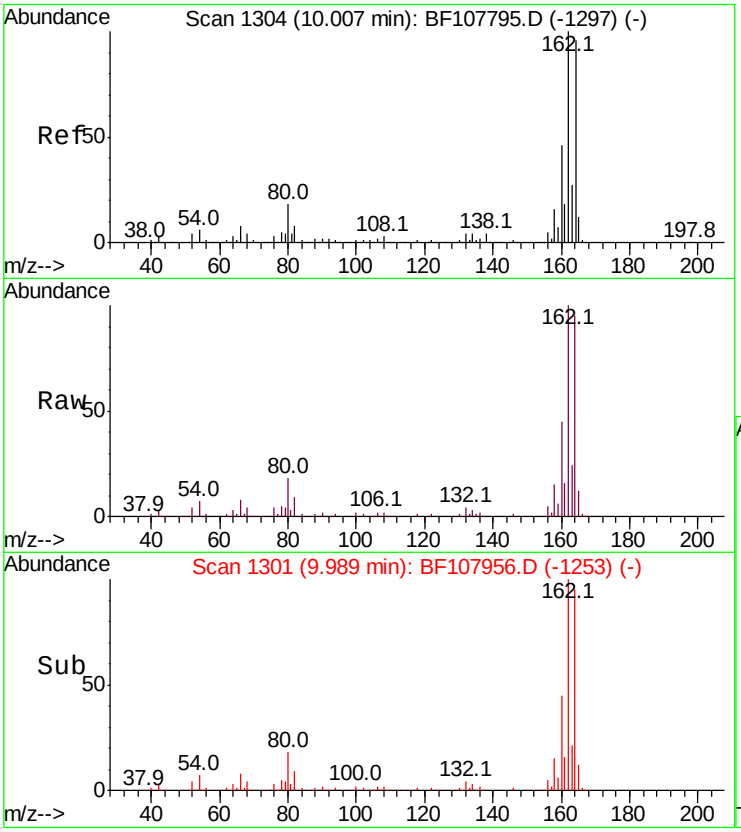


#23
Nitrobenzene-d5
Concen: 2.348 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.05 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion: 82 Resp: 19591

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	57.6	41.4	62.2



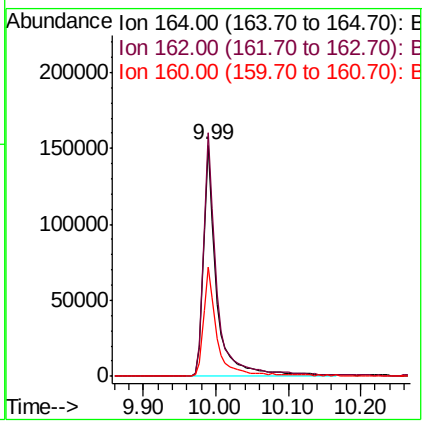


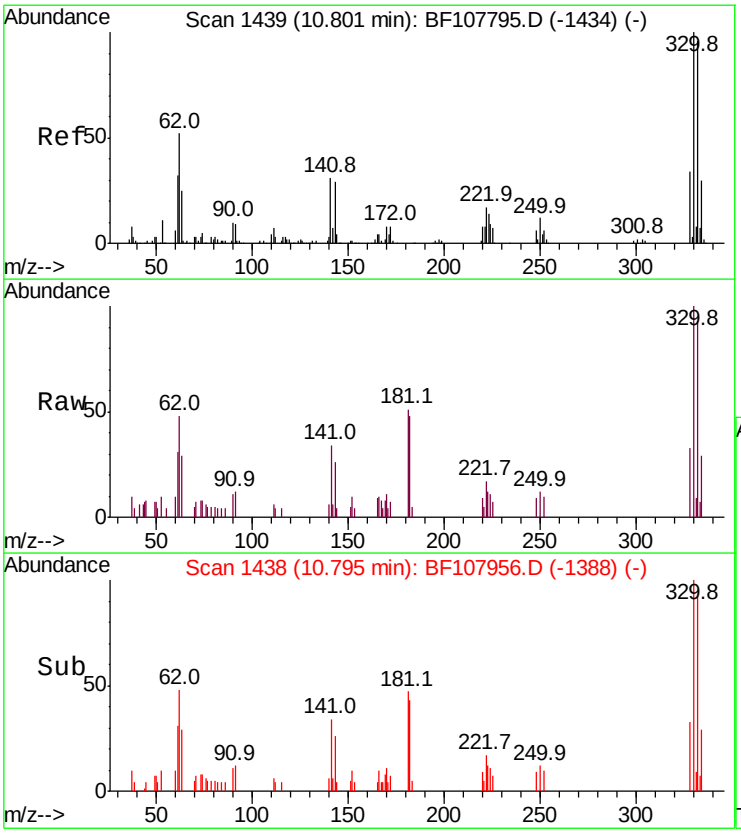
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 195733

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.2	38.3	57.5

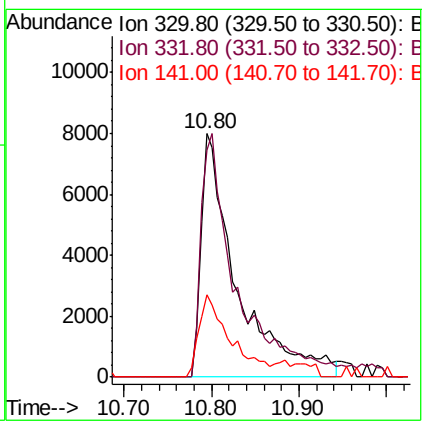


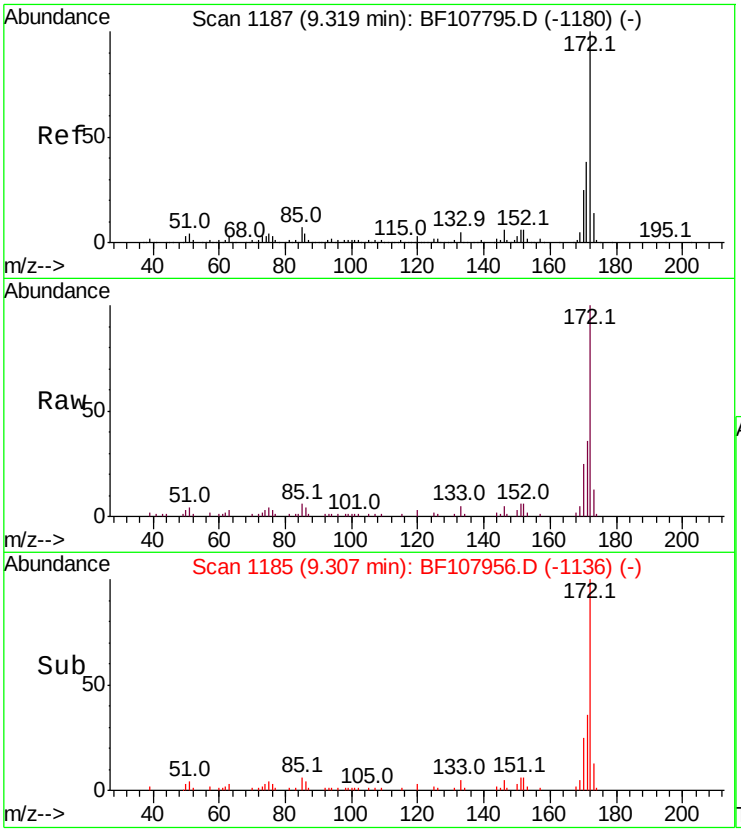


#41
2,4,6-Tribromophenol
Concen: 8.546 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:330 Resp: 22729

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	29.7	29.9	44.9#



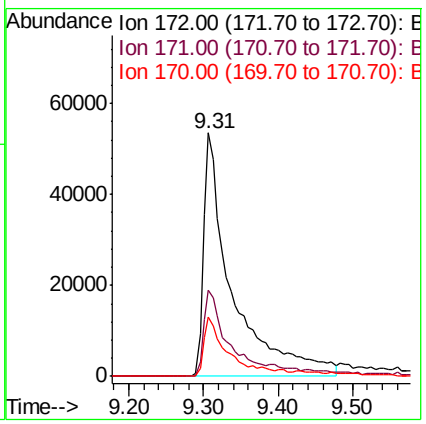


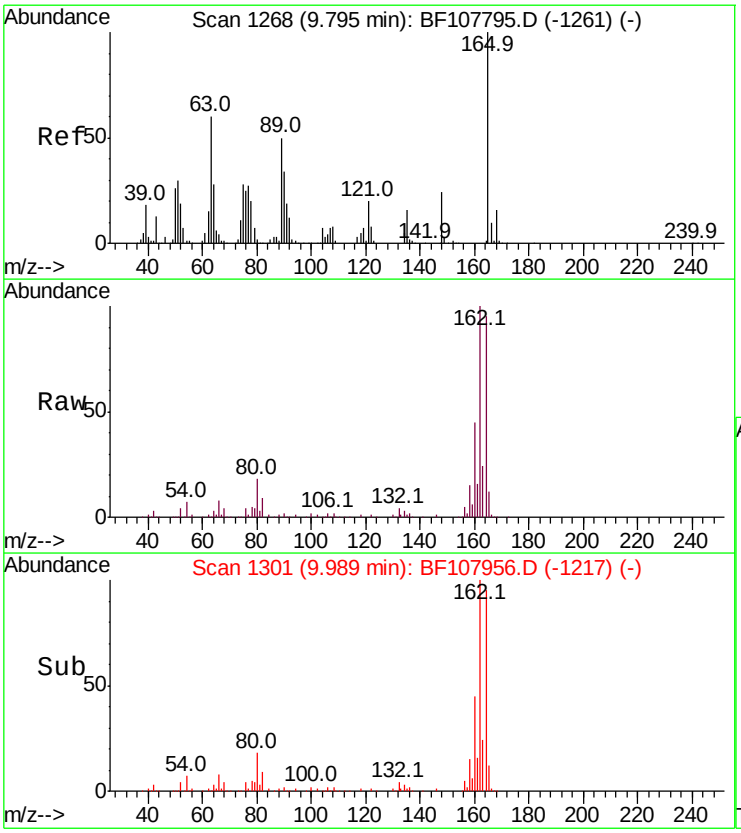
#44
2-Fluorobiphenyl
Concen: 10.134 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 142343

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.5	19.6	29.4

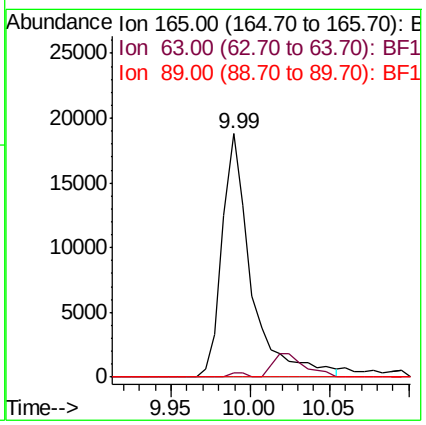


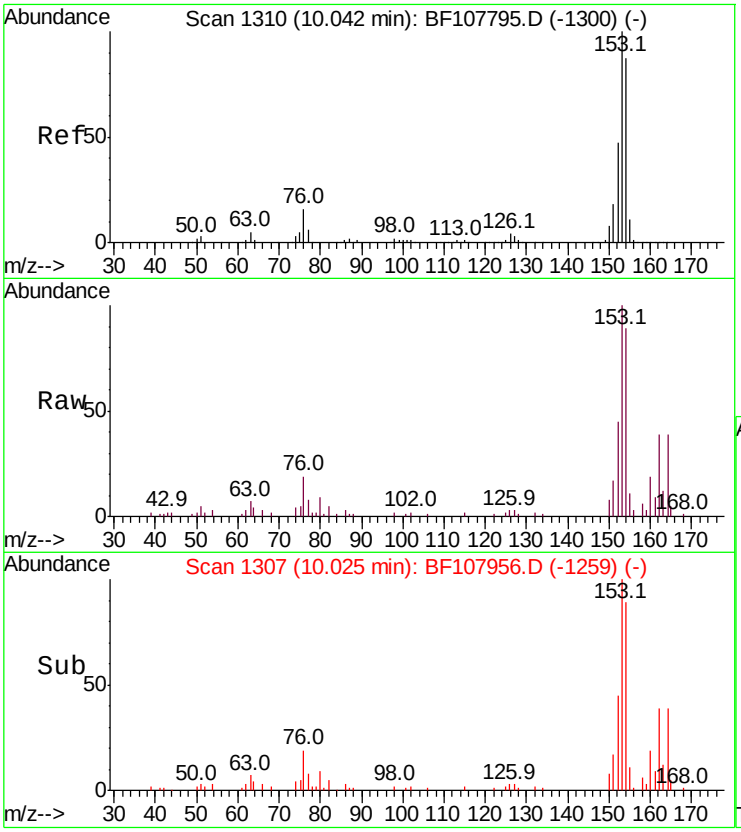


#50
2,6-Dinitrotoluene
Concen: 7.524 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:165 Resp: 24036

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#



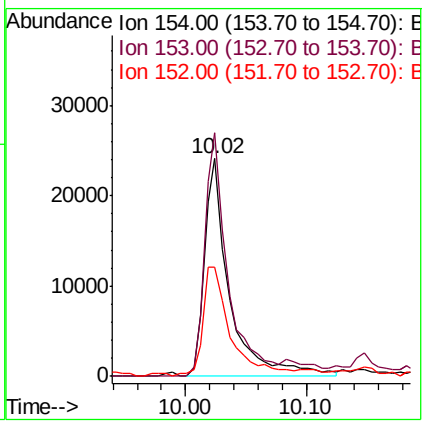


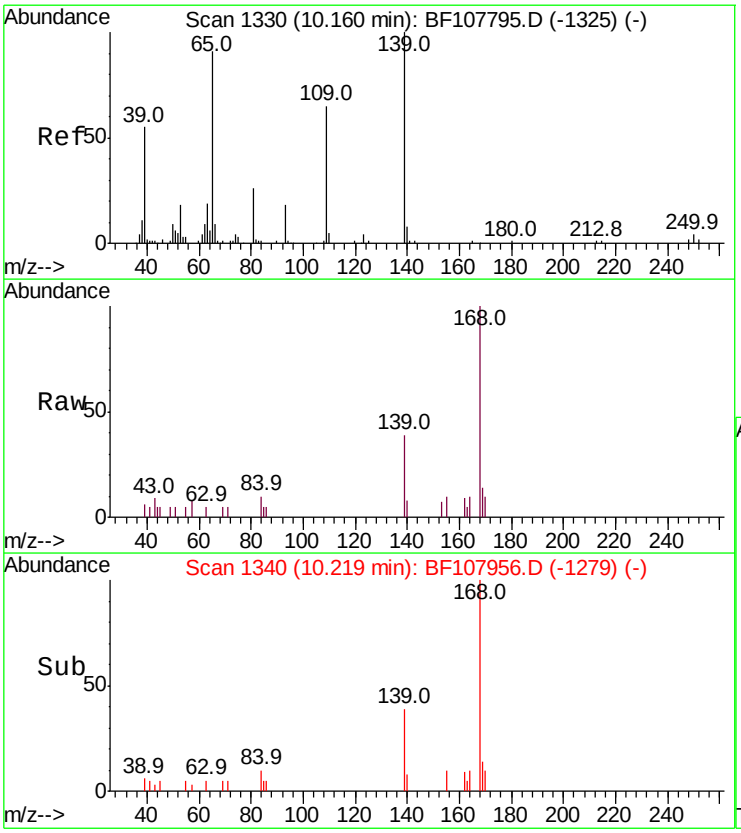
#51
Acenaphthene
Concen: 2.846 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 34426

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	50.3	43.8	65.8

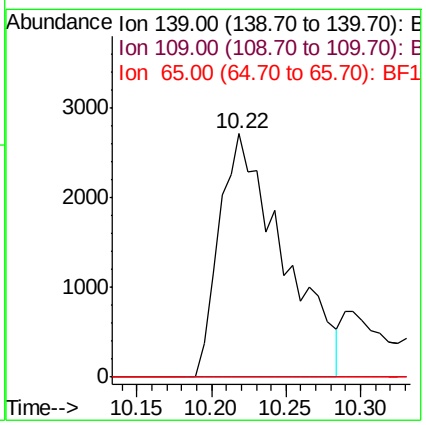


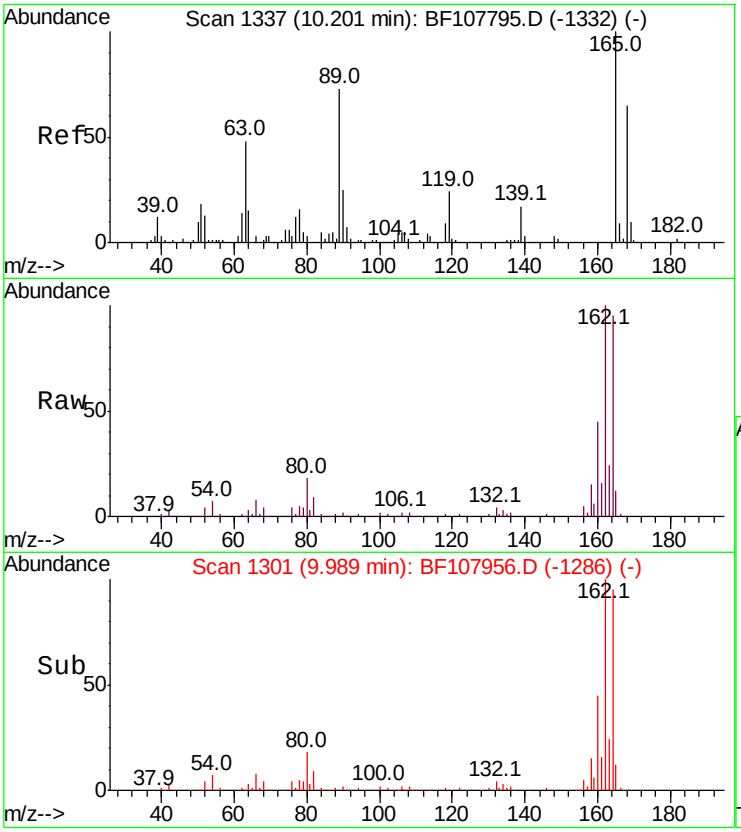


#55
4-Nitrophenol
Concen: 13.081 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:139 Resp: 8080

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



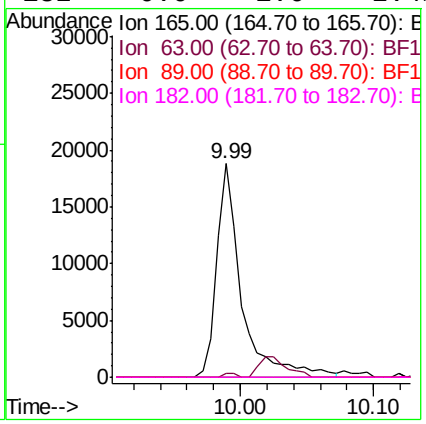


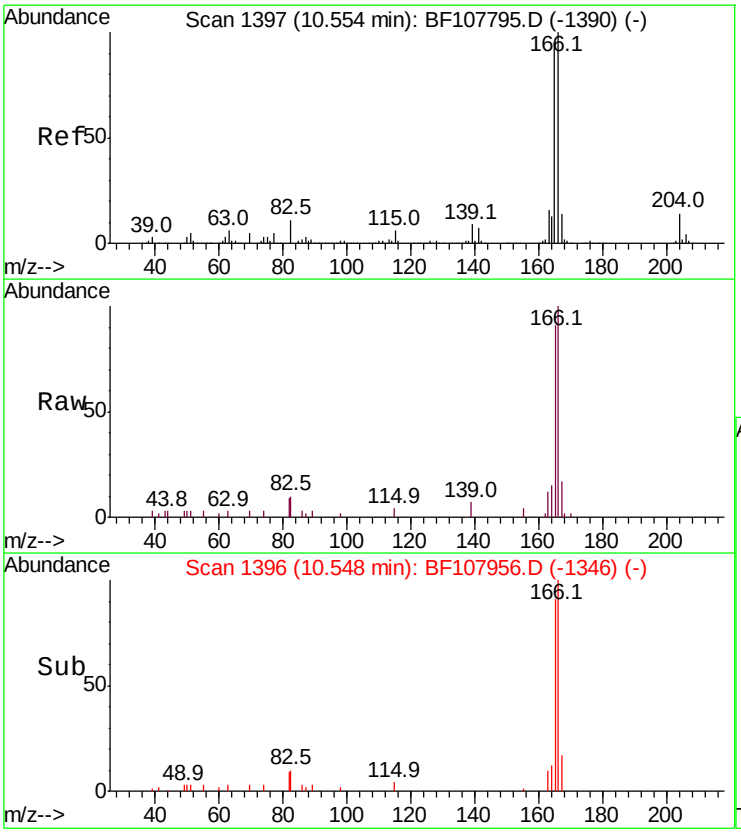
#56
2,4-Dinitrotoluene
Concen: 5.857 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24593

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

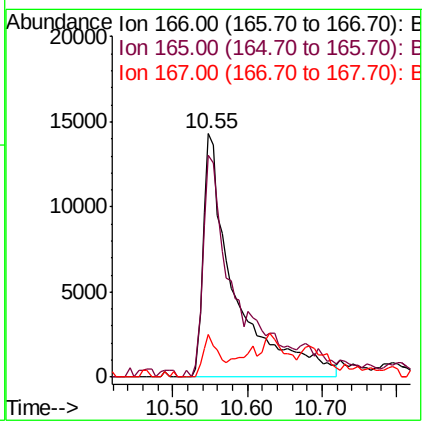


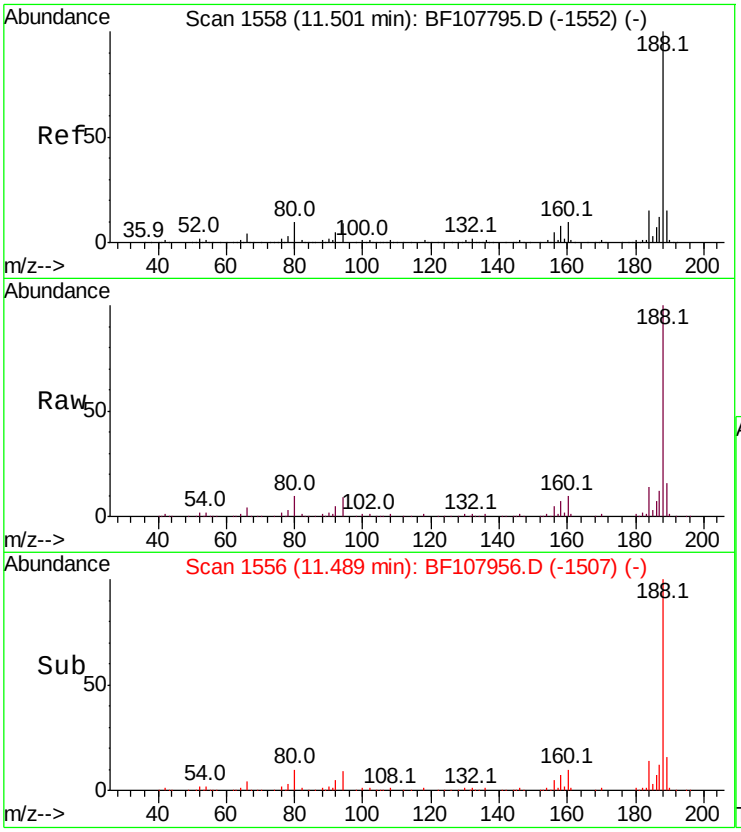


#57
Fluorene
Concen: 2.887 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:166 Resp: 41951

Ion	Ratio	Lower	Upper
166	100		
165	91.0	79.8	119.8
167	17.5	10.6	16.0#



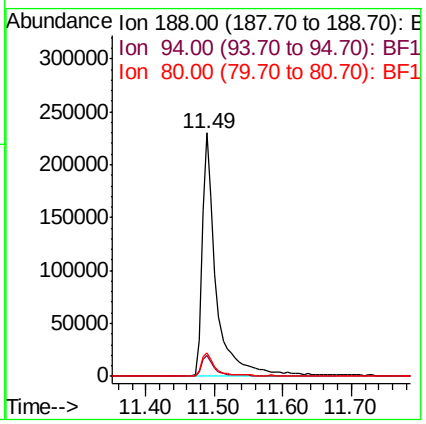


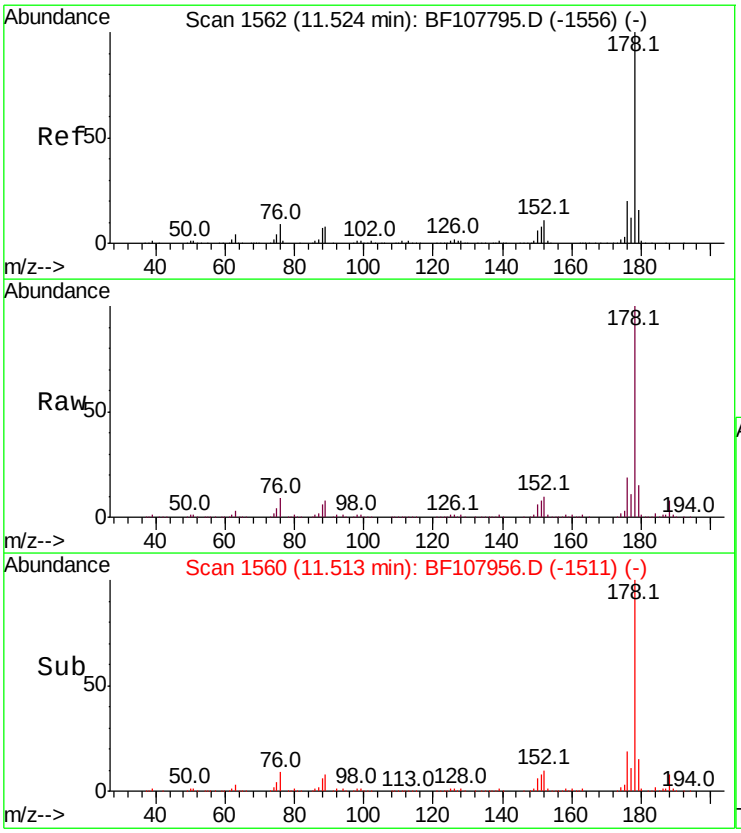
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 336825

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.7	9.2	13.8

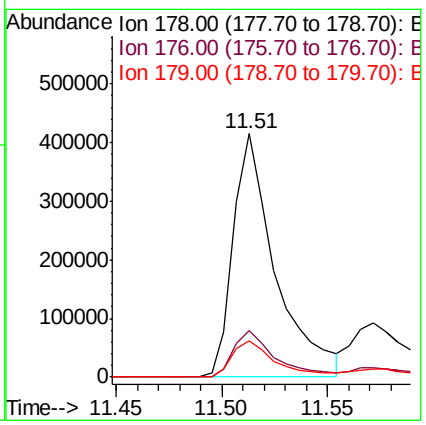


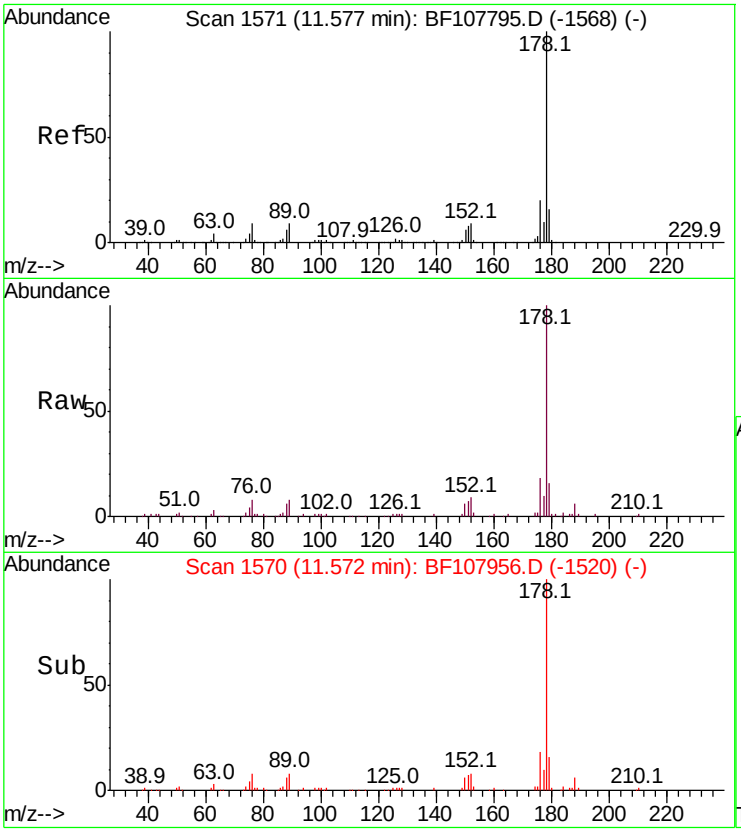


#70
Phenanthrene
Concen: 35.821 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:178 Resp: 572902

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.0	13.0	19.6



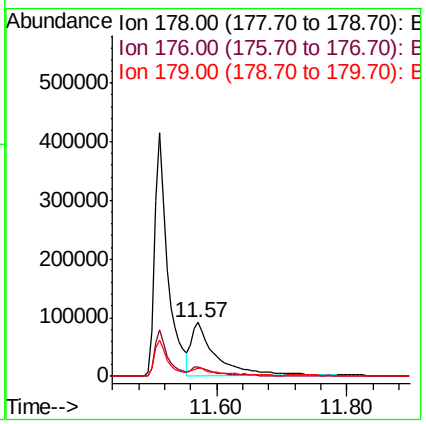


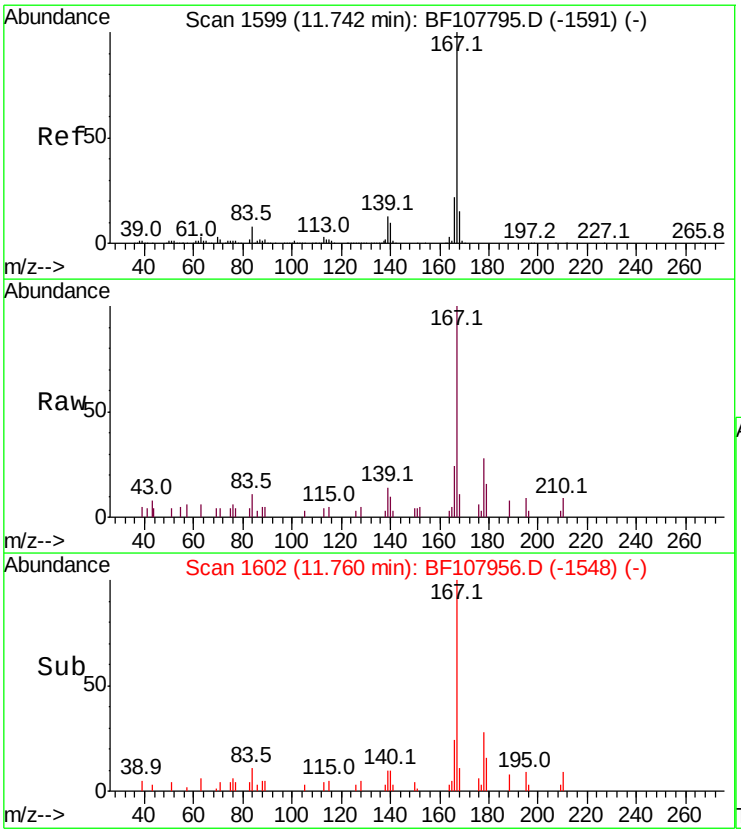
#71
Anthracene
Concen: 12.977 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 239395

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	16.2	12.6	19.0

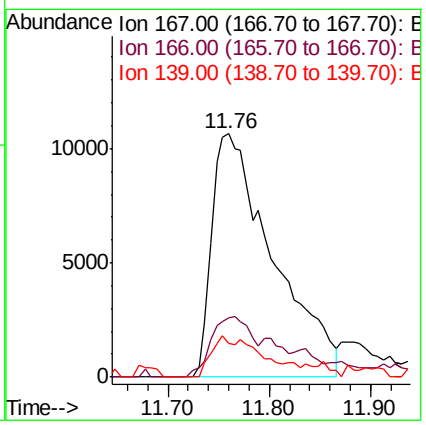


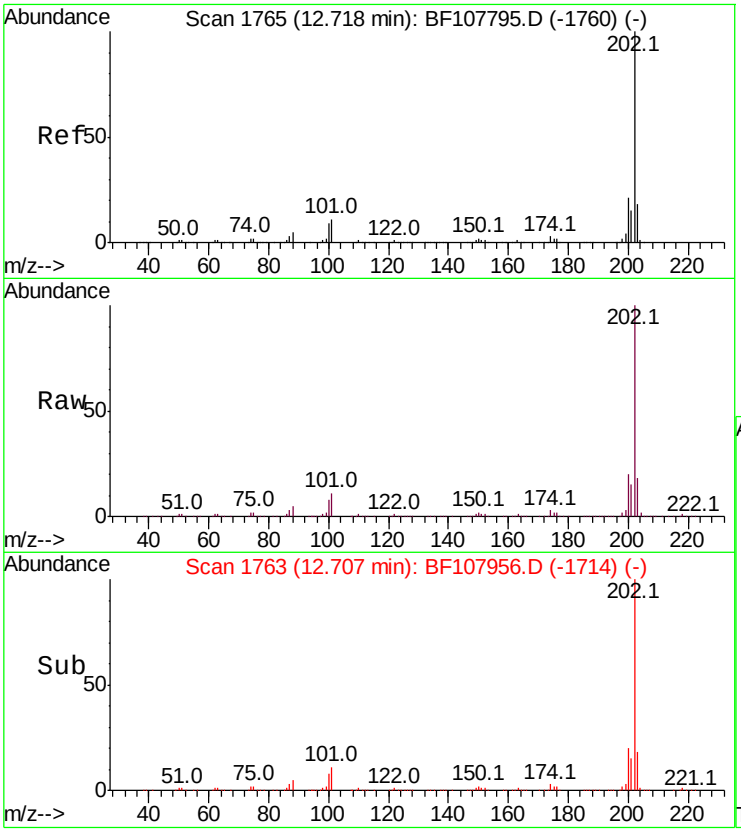


#72
Carbazole
Concen: 2.447 ng
RT: 11.76 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:167 Resp: 44602

Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.6	26.4
139	14.0	10.9	16.3



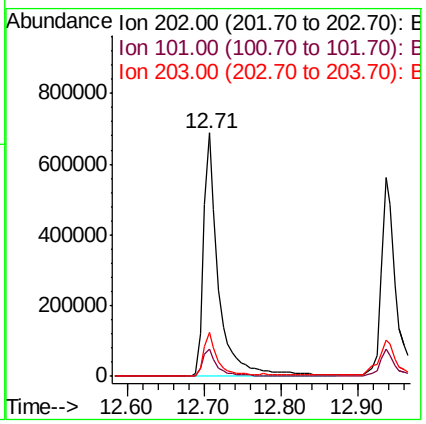


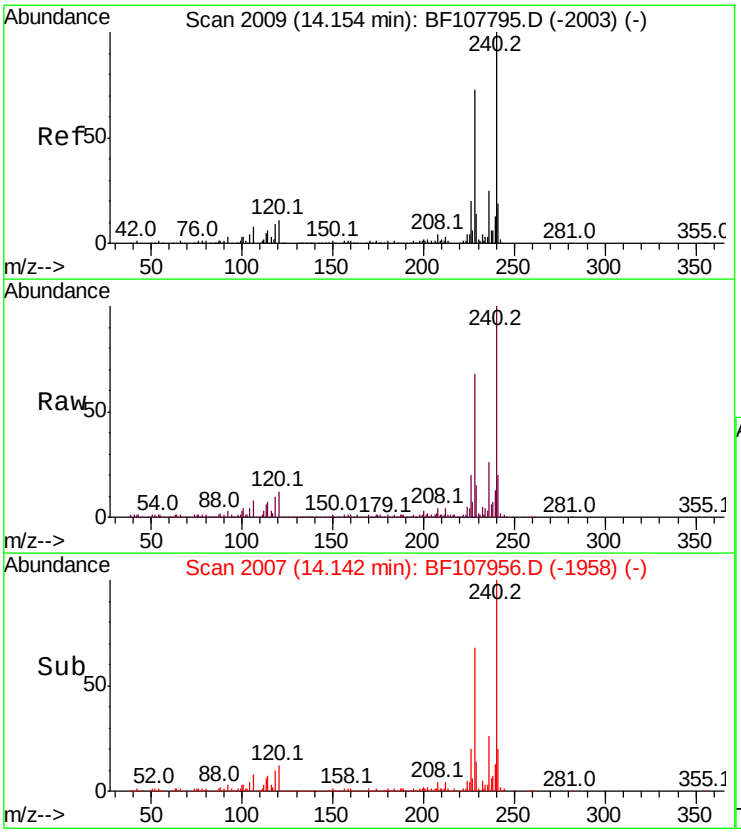
#74
Fluoranthene
Concen: 49.750 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 934767

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.3	0.0	38.1

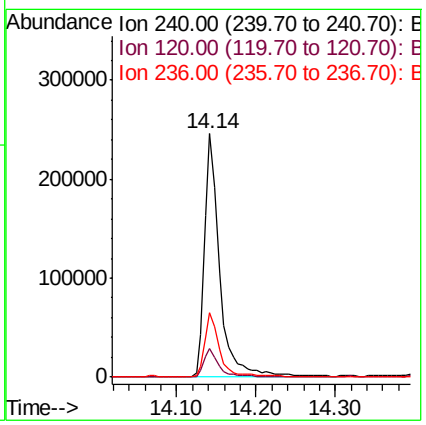


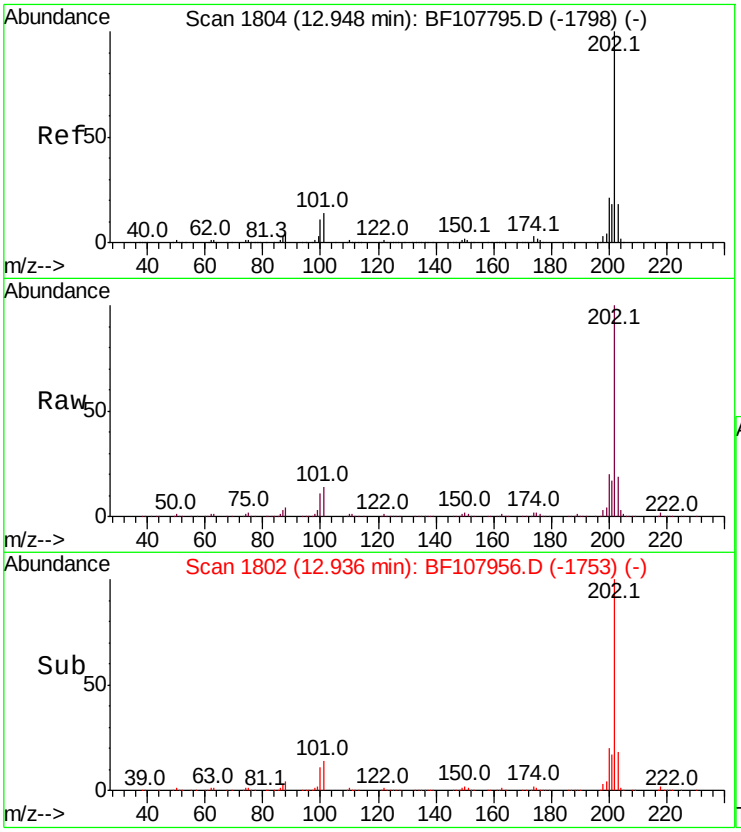


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:240 Resp: 334140

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.4	20.7	31.1



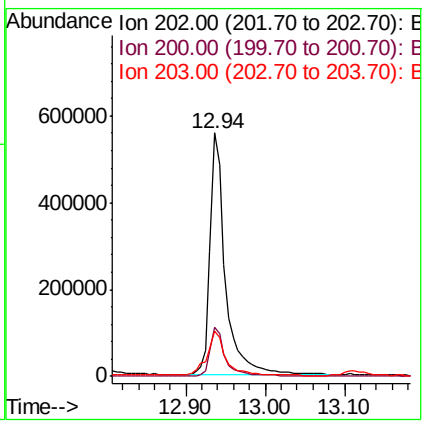


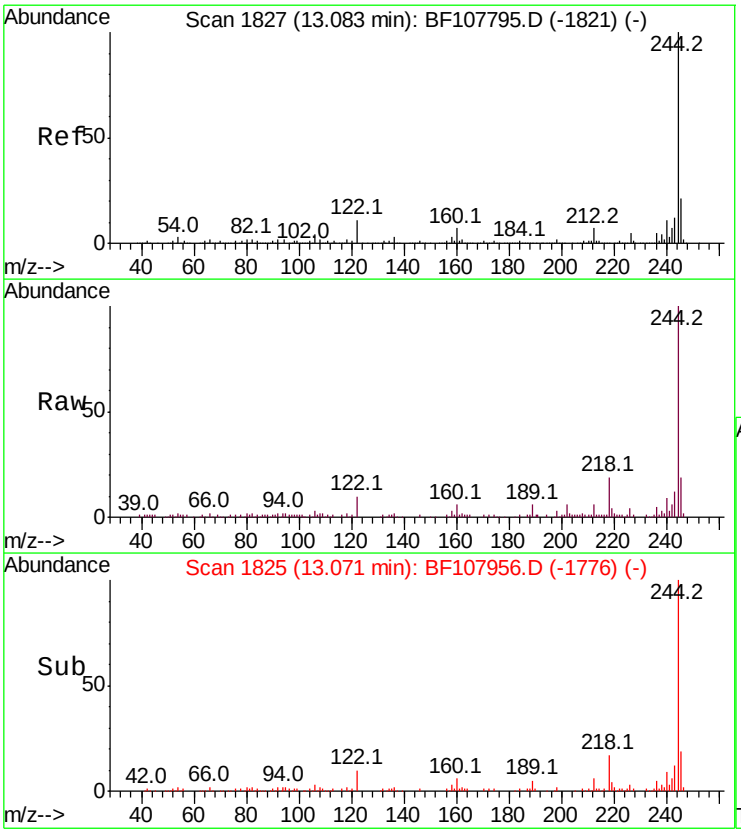
#77
Pyrene
Concen: 31.613 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 760646

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.6	14.3	21.5

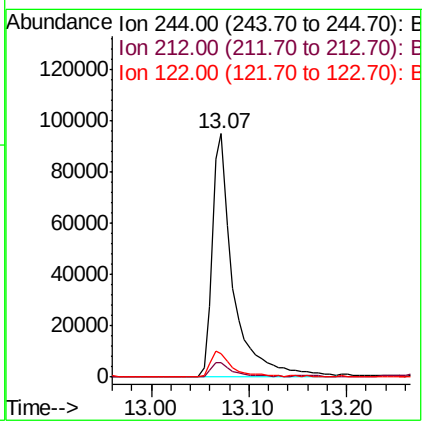


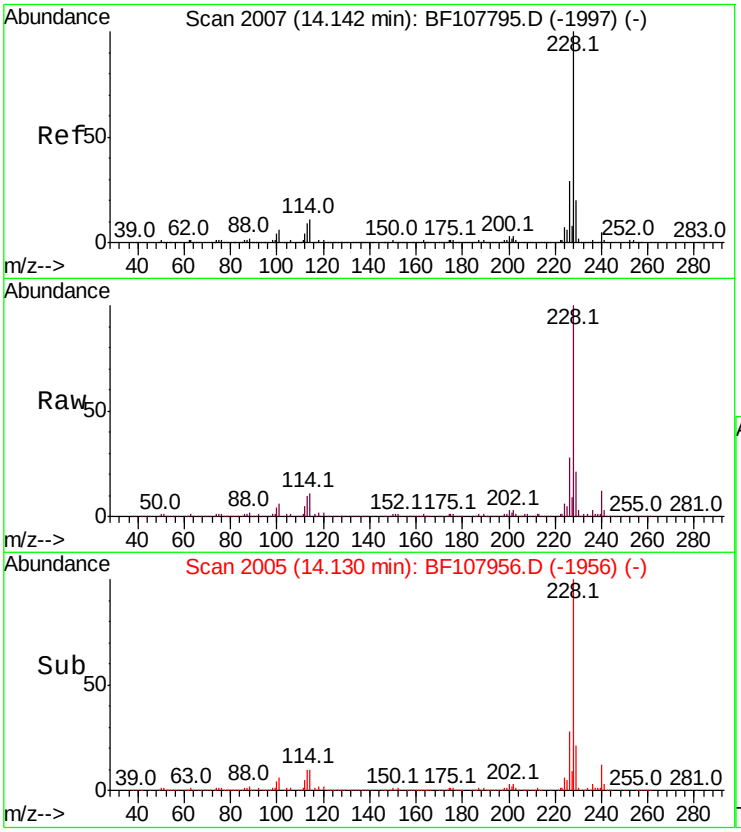


#78
Terphenyl-d14
Concen: 9.249 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:244 Resp: 142519

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	9.8	11.0	16.4#



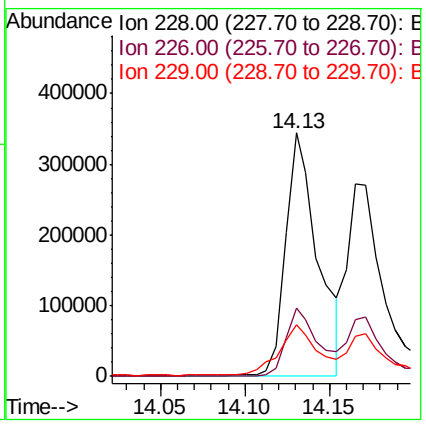


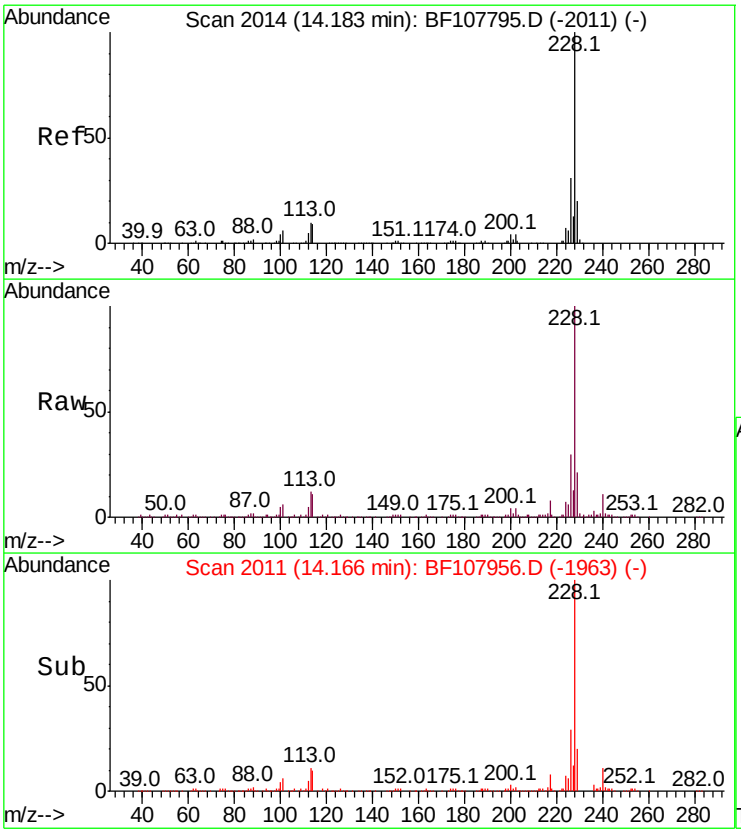
#80
Benzo(a)anthracene
Concen: 24.079 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 455766

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.2	15.8	23.6

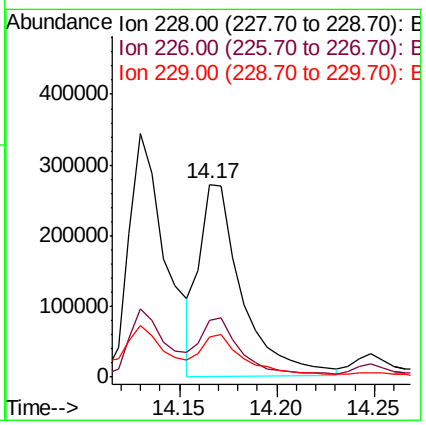


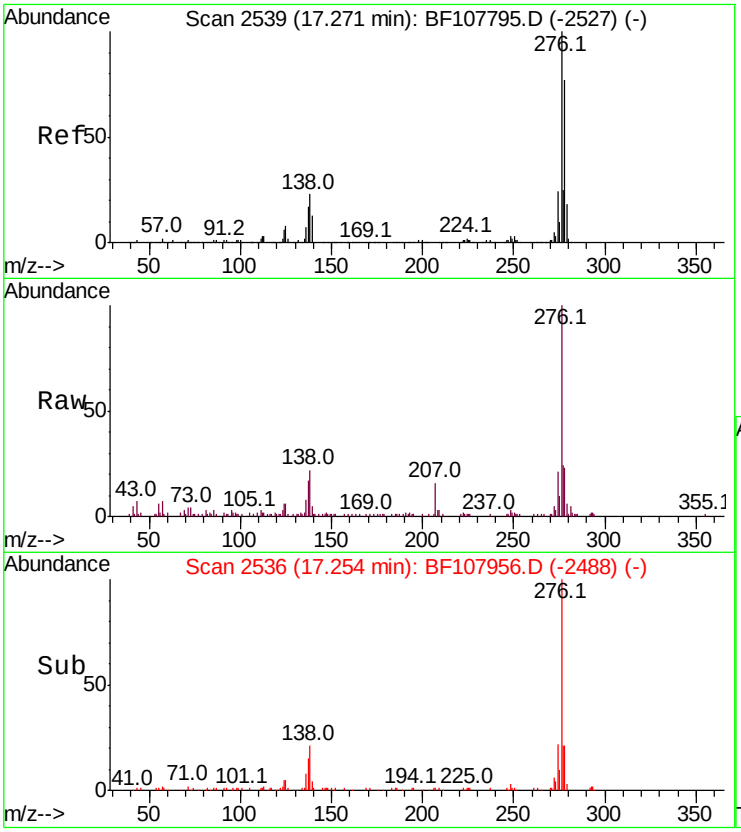


#82
Chrysene
Concen: 20.202 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:228 Resp: 412438

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.8	16.2	24.4



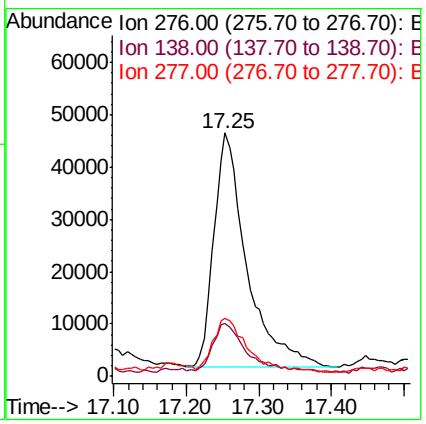


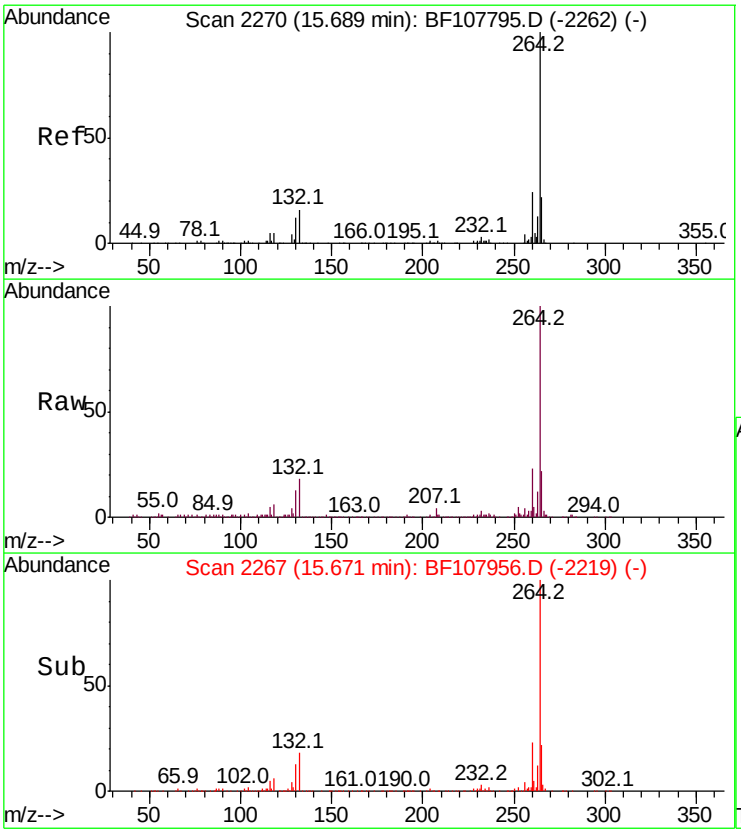
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.144 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 141995

Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	24.9	20.1	30.1

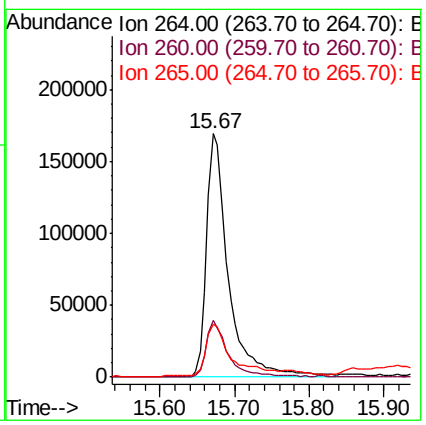


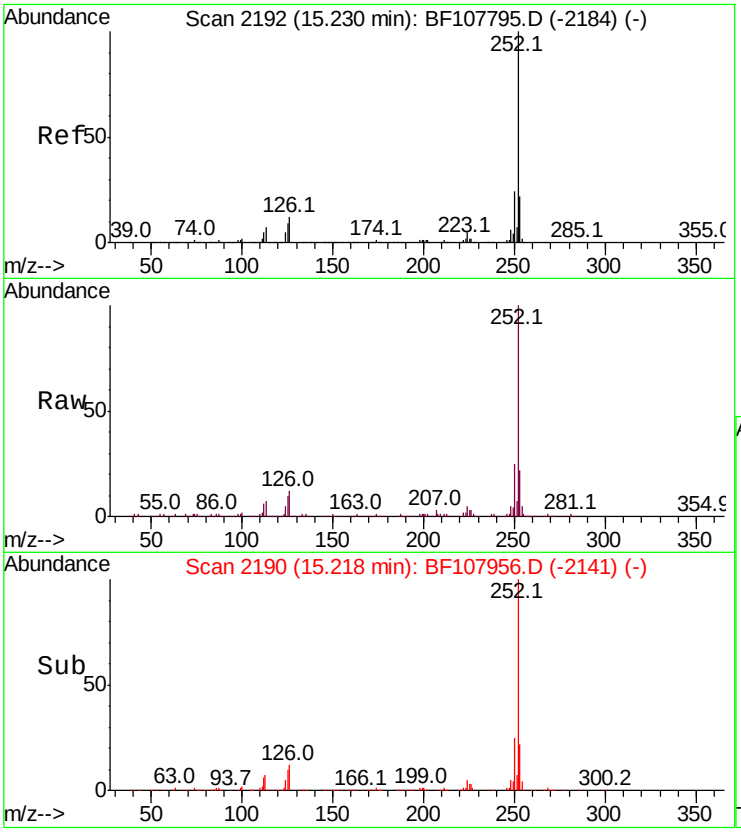


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:264 Resp: 341713

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3



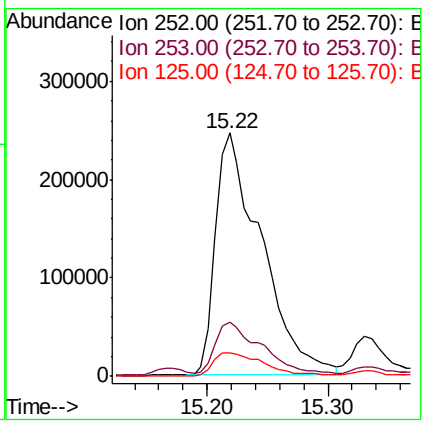


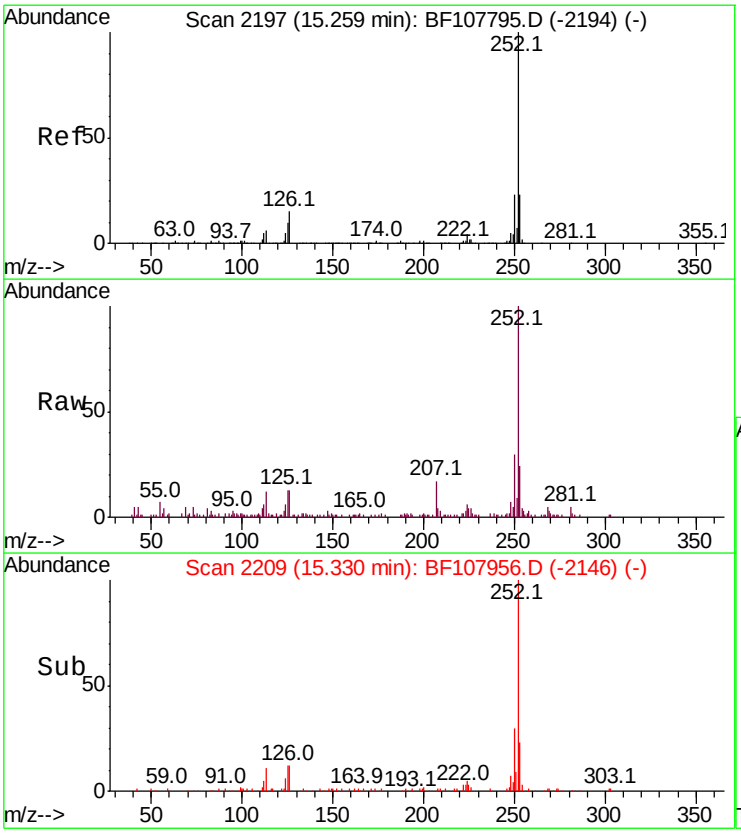
#87
Benzo(b)fluoranthene
Concen: 38.524 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 649253

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.9	9.0	13.6

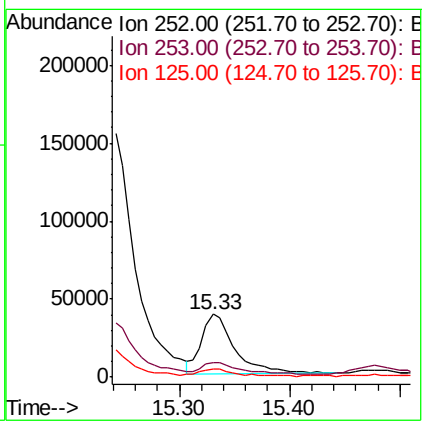


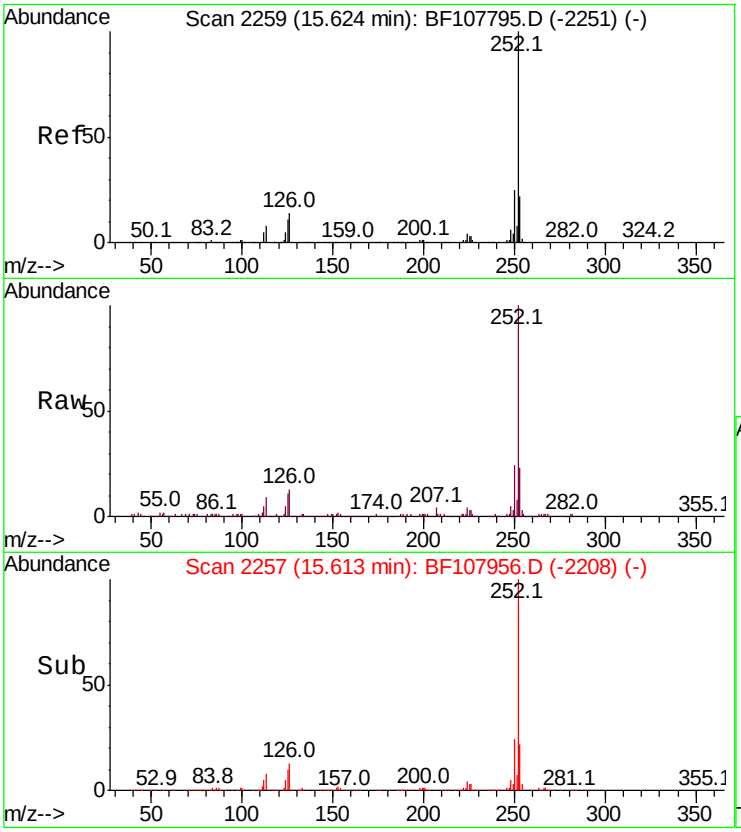


#88
Benzo(k)fluoranthene
Concen: 3.815 ng
RT: 15.33 min Scan# 2209
Delta R.T. 0.07 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:252 Resp: 78944

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	12.7	10.2	15.2



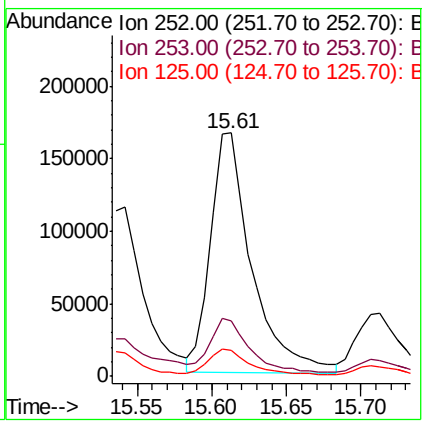


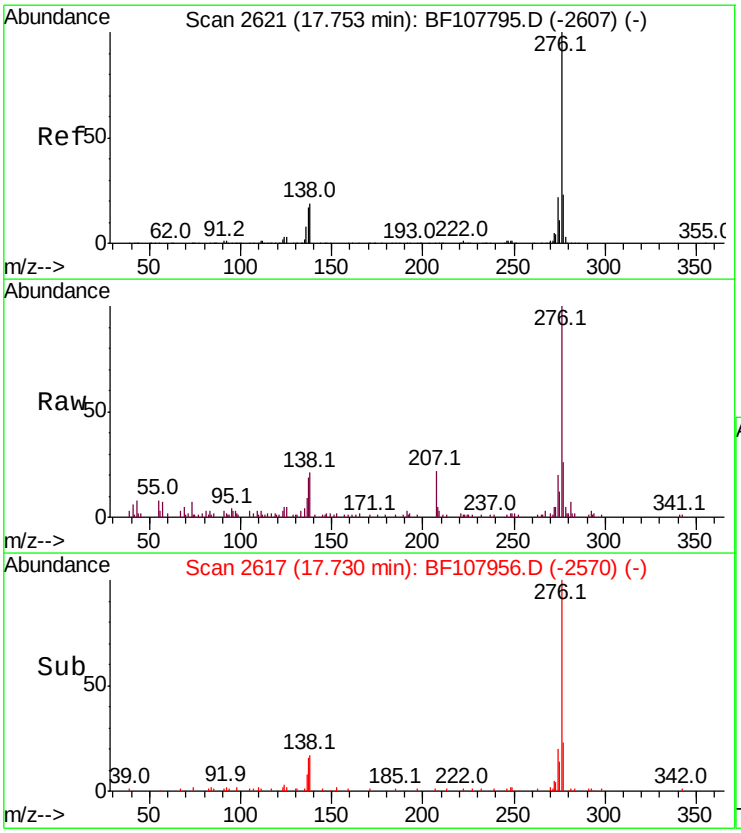
#89
Benzo(a)pyrene
Concen: 18.456 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 321105

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.629 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF107956.D
Acq: 3 Aug 2018 23:37

Tgt Ion:276 Resp: 126716

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.9	26.9
138	20.8	21.8	32.8#