Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
Data File : BF107913.D
Acq On : 2 Aug 2018 17:01
Operator : JU/SJ
Sample : J4285-13 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KG-PIT-4

Quant Time: Aug 02 17:53:02 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	110026	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	518220	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	181177	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	326364	20.00	ng		0.00
75) Chrysene-d12	14.15	240	342445	20.00	ng		0.00
86) Perylene-d12	15.68	264	355684	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	5124	0.79	ng		0.07
7) Phenol-d6	6.66	99	25014	2.93	ng		0.05
23) Nitrobenzene-d5	7.55	82	8672	0.96	ng		0.01
41) 2,4,6-Tribromophenol	10.80	330	13552	5.50	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	75139	5.78	ng		-0.01
78) Terphenyl-d14	13.07	244	81012	5.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	500	5.938	ng	#	84
3) Pyridine	3.57	79	113	6.267	ng	#	1
31) Naphthalene	8.26	128	145103	6.024	ng		99
37) 2-Methylnaphthalene	8.95	142	30688	2.028	ng		97
48) Acenaphthylene	9.86	152	45578	2.364	ng		97
50) 2,6-Dinitrotoluene	9.99	165	24732	8.364	ng	#	27
51) Acenaphthene	10.02	154	53528	4.780	ng		97
54) Dibenzofuran	10.21	168	50216	2.901	ng		99
55) 4-Nitrophenol	10.21	139	17985	18.374	ng	#	11
57) Fluorene	10.55	166	59172	4.399	ng		99
70) Phenanthrene	11.52	178	869909	56.135	ng		99
71) Anthracene	11.57	178	266643	14.918	ng		97
72) Carbazole	11.74	167	136441	7.724	ng		98
74) Fluoranthene	12.71	202	1537359	84.444	ng		97
77) Pyrene	12.95	202	1433439	58.131	ng		98
80) Benzo(a)anthracene	14.14	228	977046	50.368	ng		98
82) Chrysene	14.18	228	908737	43.432	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	334069	20.991	ng	#	91
87) Benzo(b)fluoranthene	15.23	252	1430791	81.562	ng		97
88) Benzo(k)fluoranthene	15.23	252	1430791	66.433	ng		97
89) Benzo(a)pyrene	15.62	252	680134	37.556	ng		96
90) Dibenzo(a,h)anthracene	17.46	278	59181	3.746	ng		94
91) Benzo(g,h,i)perylene	17.75	276	314695	20.588	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
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Acq On : 2 Aug 2018 17:01
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Quant Time: Aug 02 17:53:02 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
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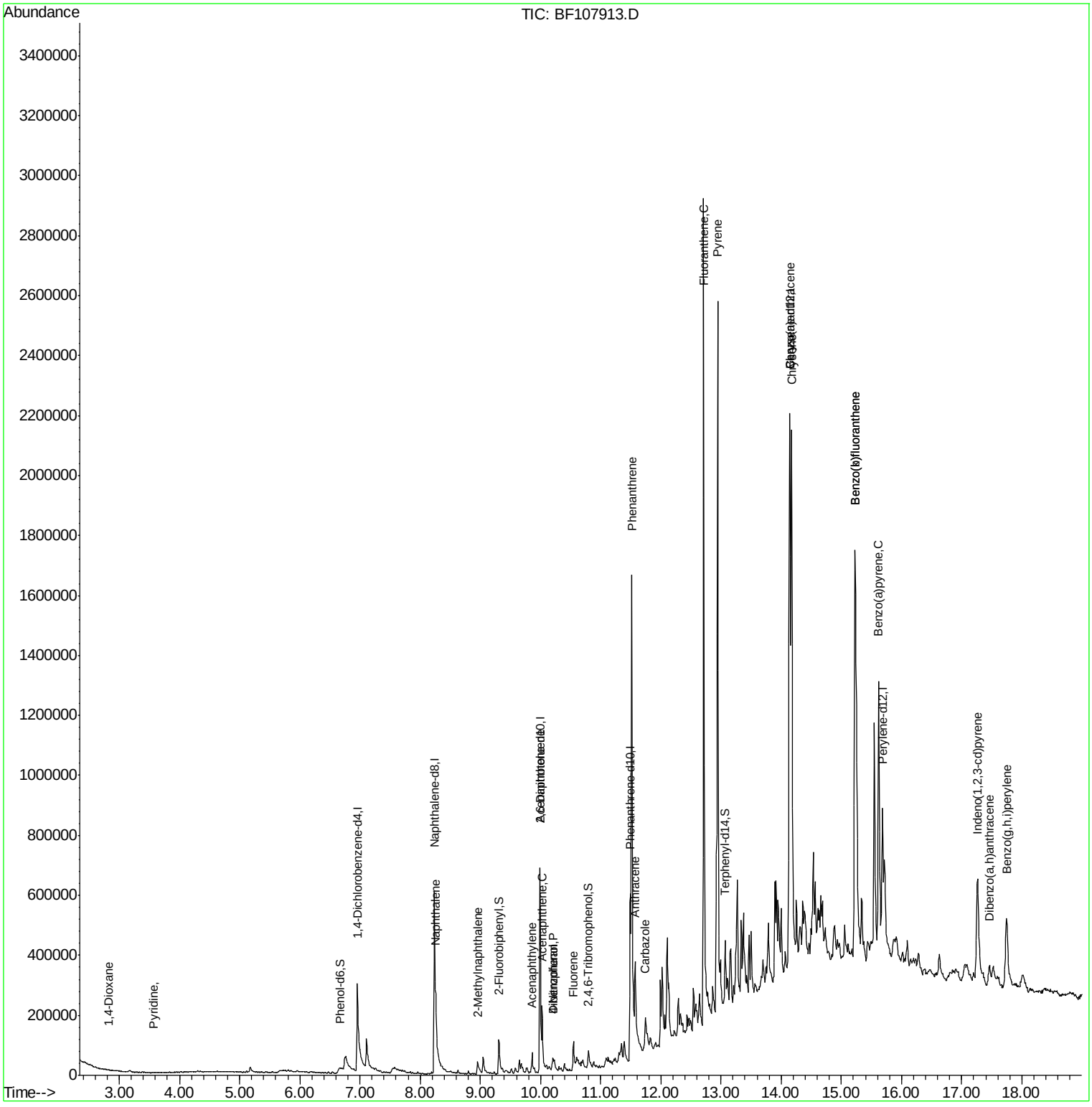
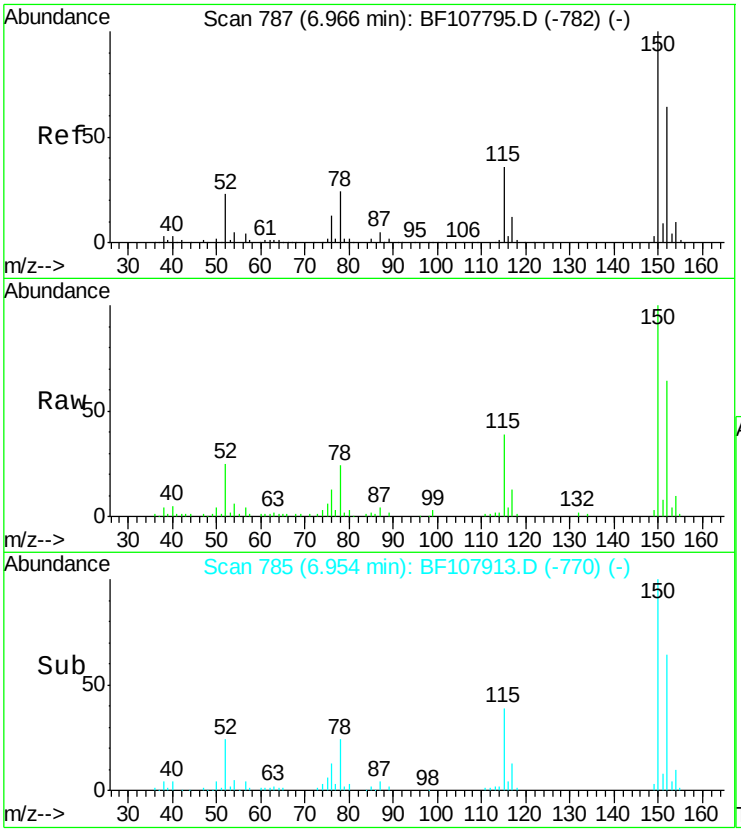


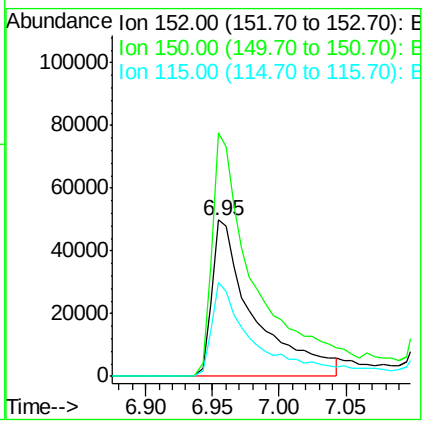


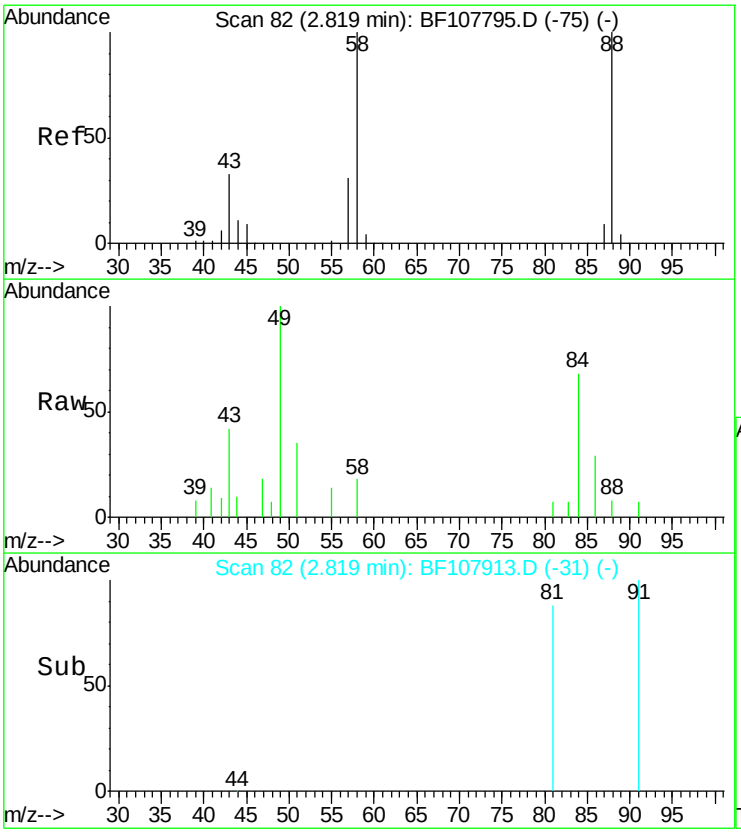
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:152 Resp: 110026

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	60.1	50.1	75.1

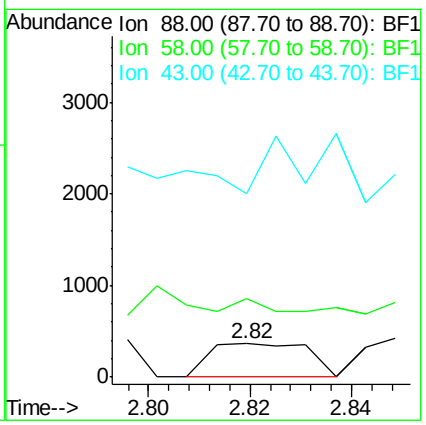


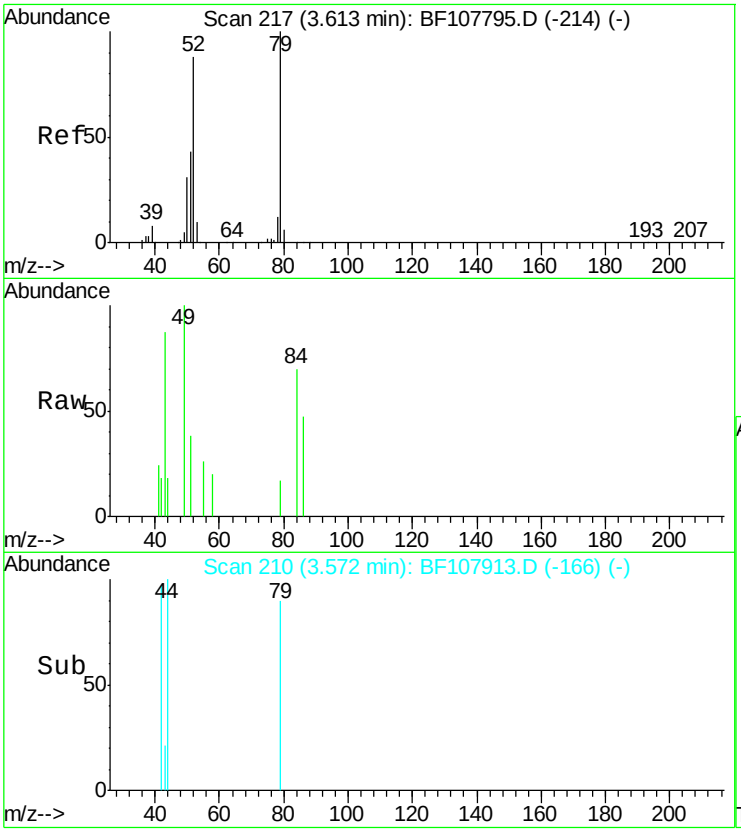


#2
1,4-Dioxane
Concen: 5.938 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion: 88 Resp: 500

Ion	Ratio	Lower	Upper
88	100		
58	78.4	62.6	93.8
43	0.0	24.6	37.0#



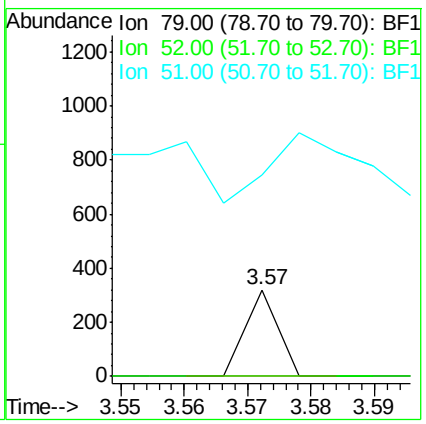


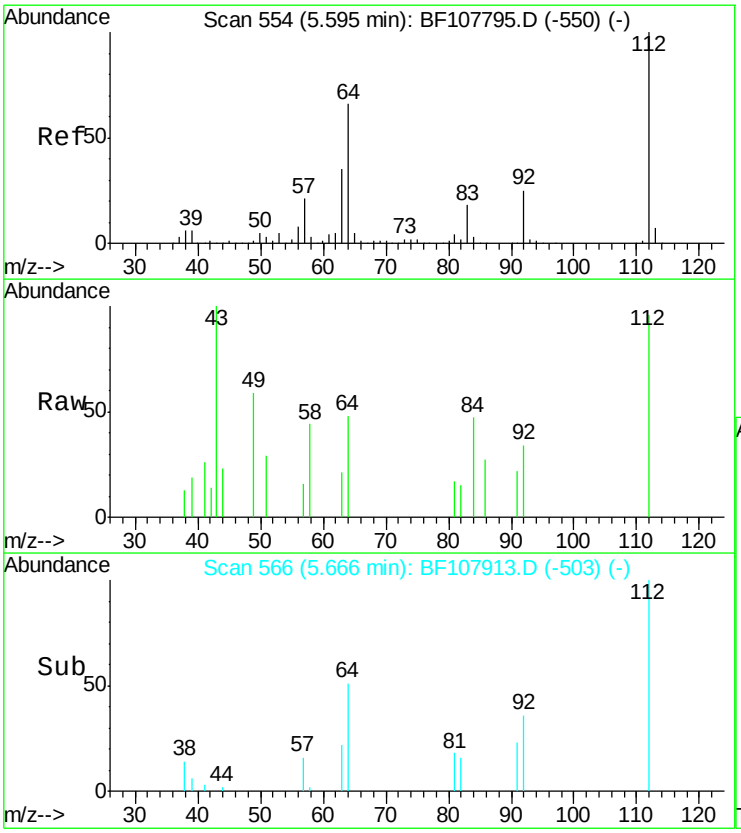
#3
Pyridine
Concen: 6.267 ng
RT: 3.57 min Scan# 210
Delta R.T. -0.04 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion: 79 Resp: 113

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	232.1	29.8	44.8#

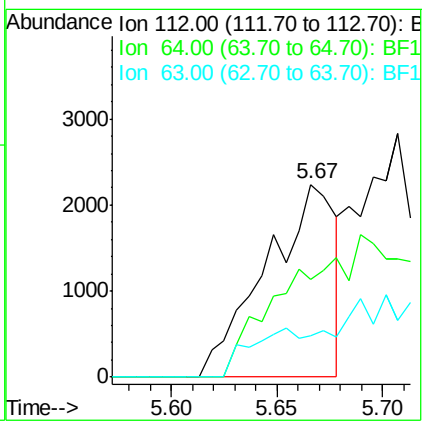


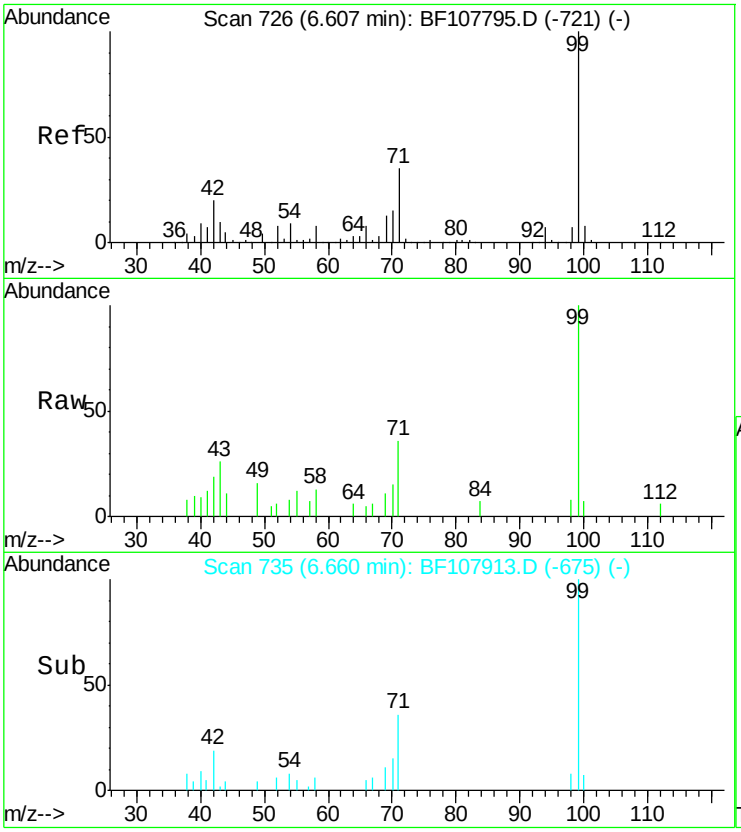


#5
2-Fluorophenol
Concen: 0.791 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.07 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:112 Resp: 5124

Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	21.8	23.7	35.5#



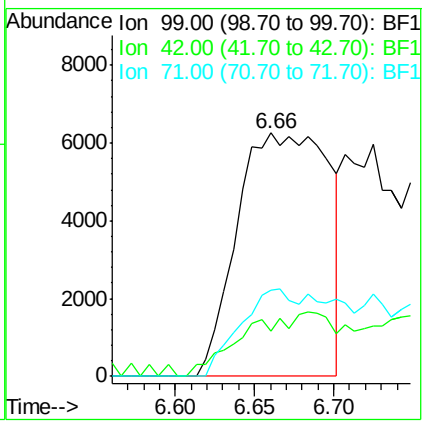


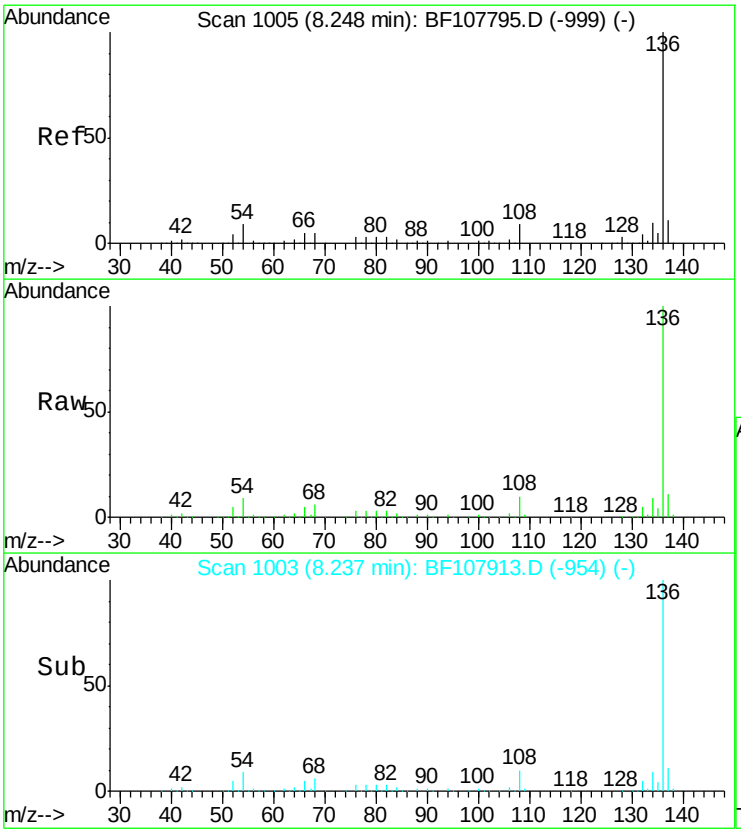
#7
Phenol-d6
Concen: 2.932 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.05 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion: 99 Resp: 25014

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	35.6	25.4	38.0

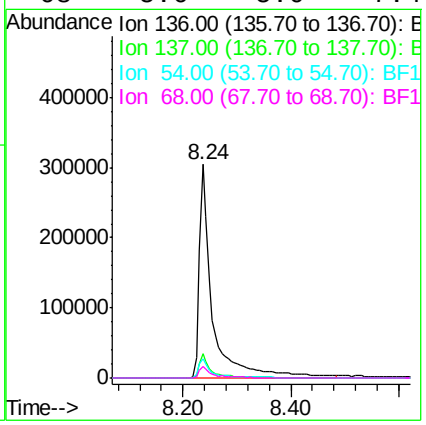


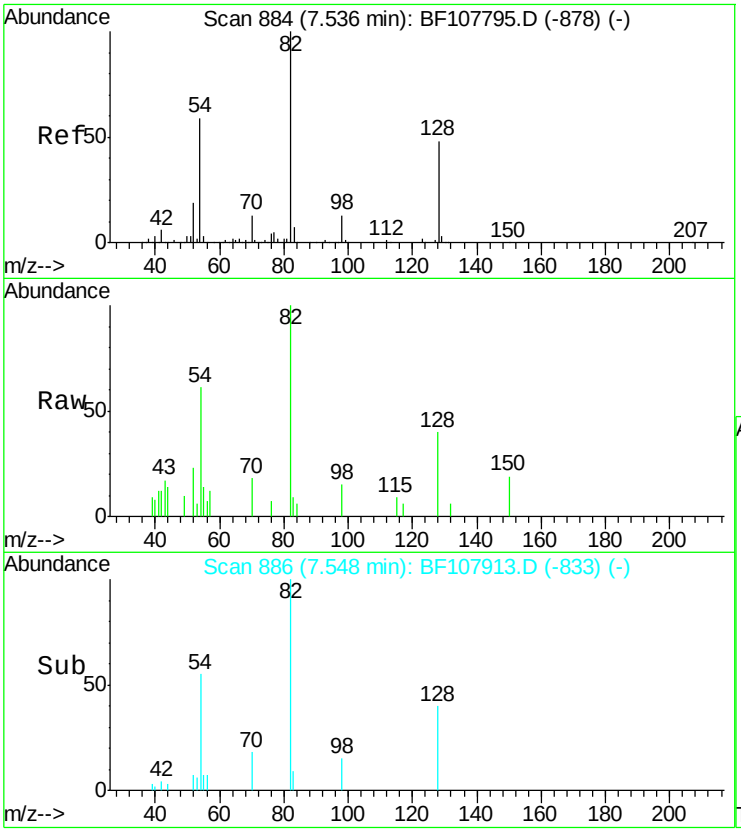


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:136 Resp: 518220

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.0	6.6	9.8
68	5.6	5.0	7.4



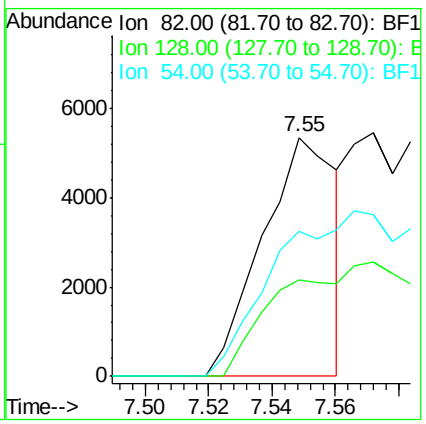


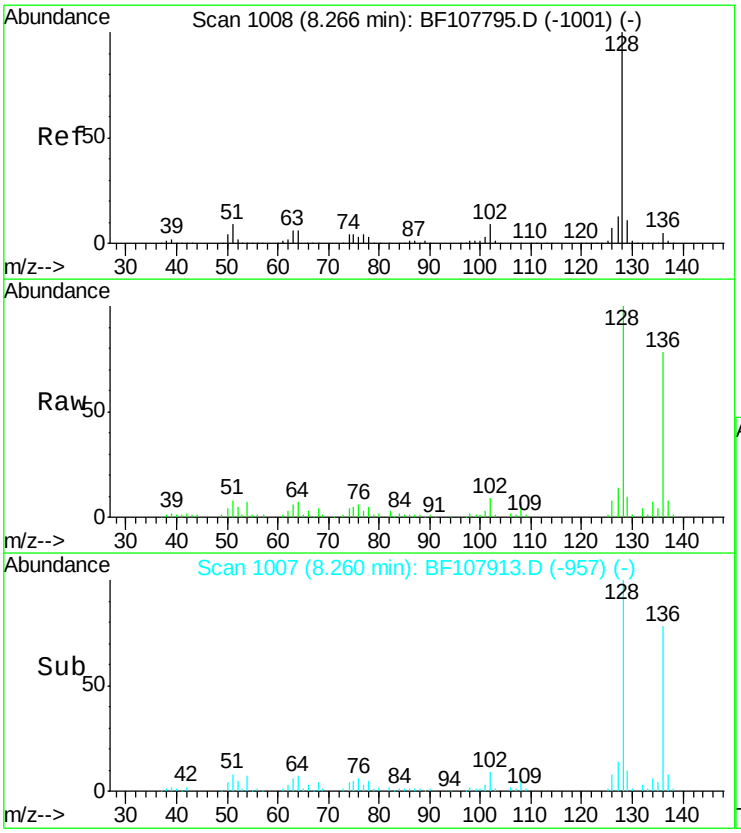
#23
Nitrobenzene-d5
Concen: 0.964 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion: 82 Resp: 8672

Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	60.8	41.4	62.2

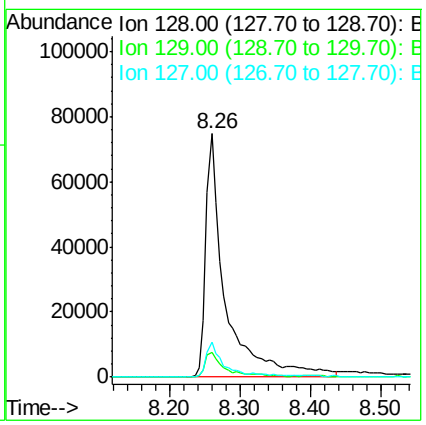


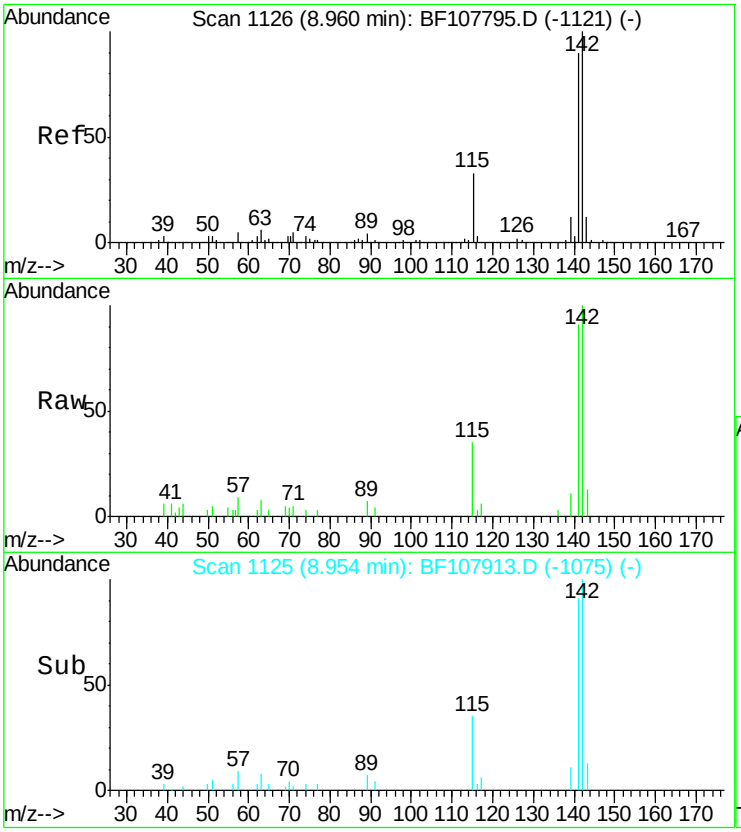


#31
Naphthalene
Concen: 6.024 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:128 Resp: 145103

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	14.2	10.9	16.3



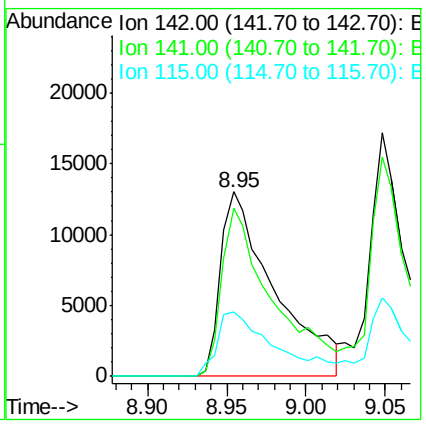


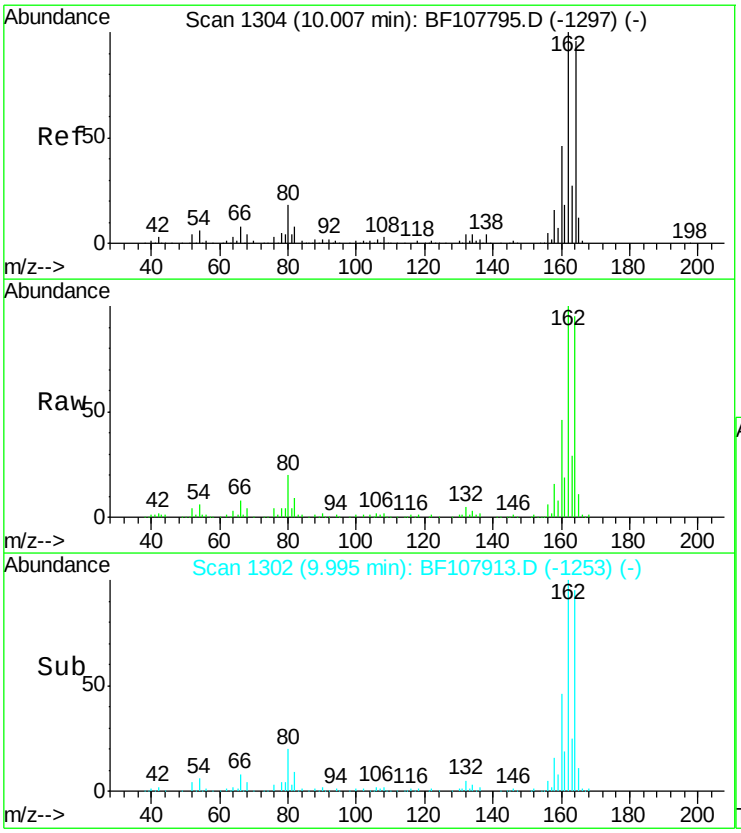
#37
2-Methylnaphthalene
Concen: 2.028 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:142 Resp: 30688

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	34.7	26.1	39.1

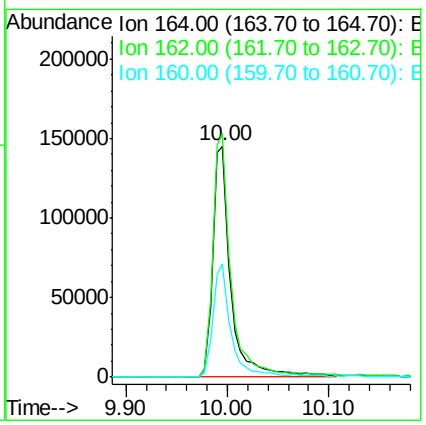


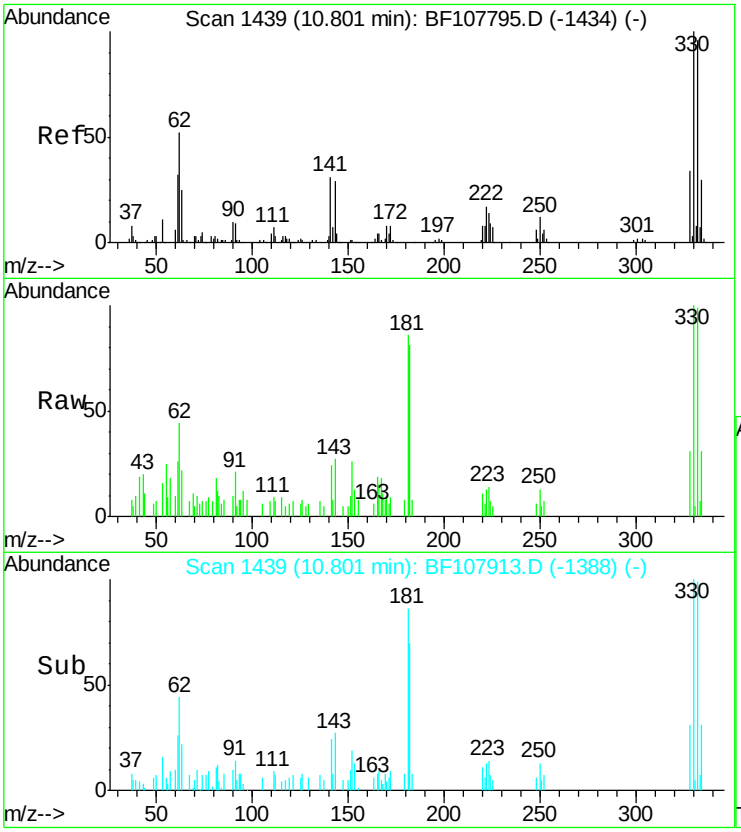


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:164 Resp: 181177

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	48.9	38.3	57.5



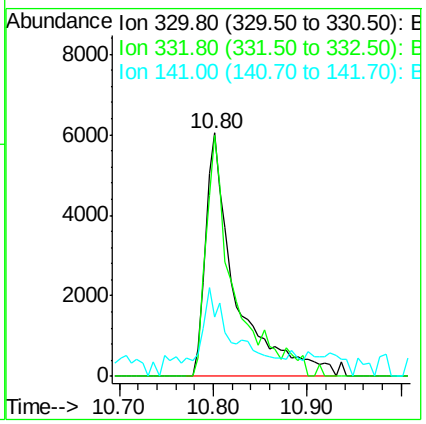


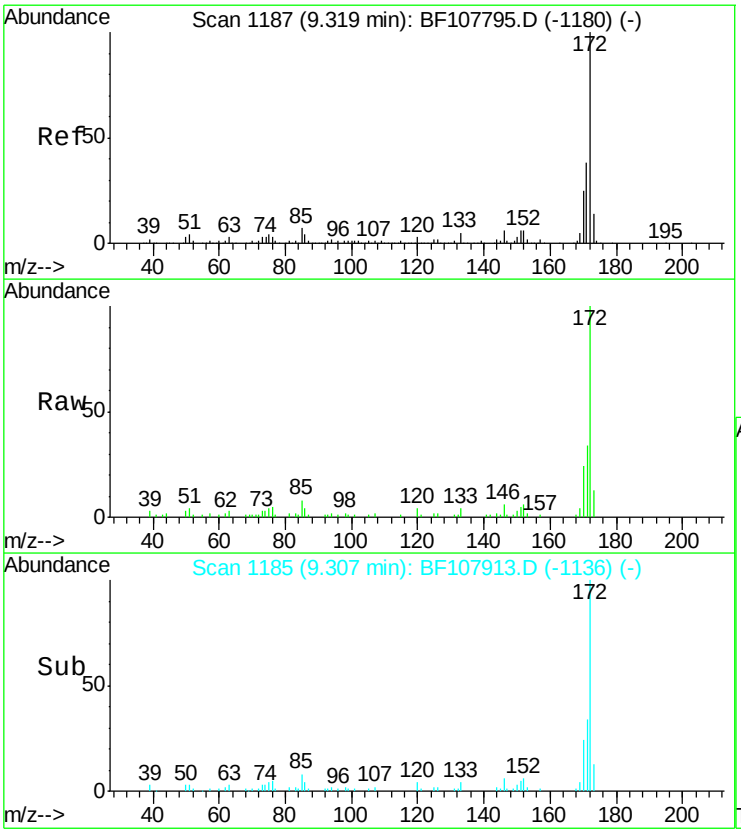
#41
2,4,6-Tribromophenol
Concen: 5.505 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:330 Resp: 13552

Ion	Ratio	Lower	Upper
330	100		
332	85.4	77.0	115.6
141	17.8	29.9	44.9#

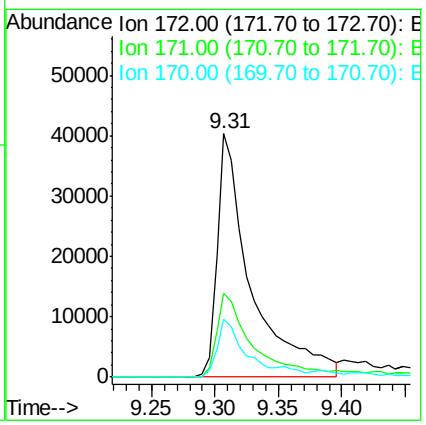


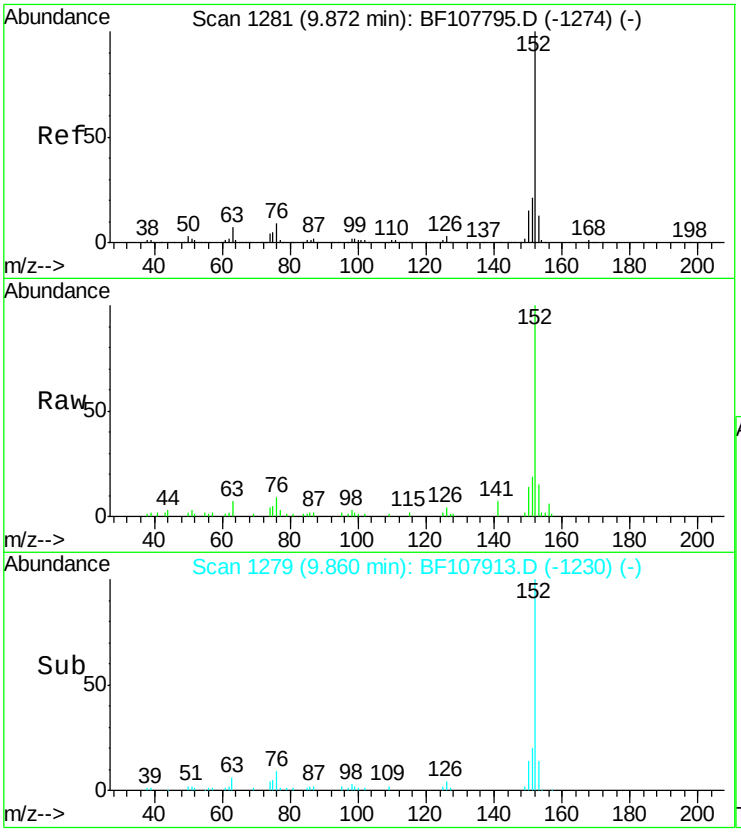


#44
2-Fluorobiphenyl
Concen: 5.779 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:172 Resp: 75139

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	24.0	19.6	29.4



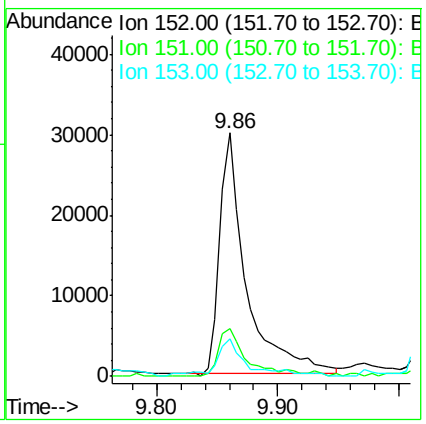


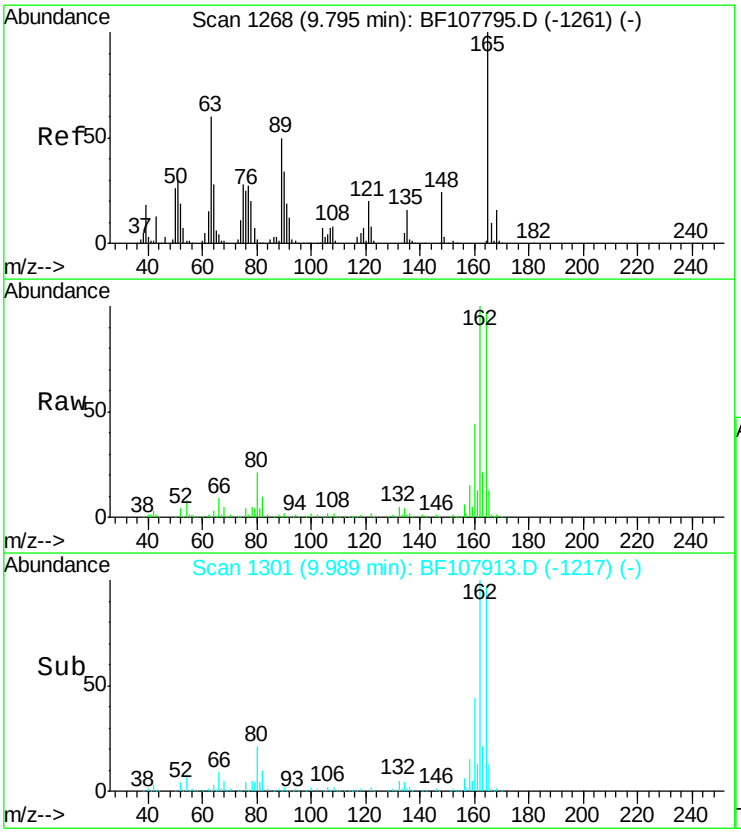
#48
Acenaphthylene
Concen: 2.364 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:152 Resp: 45578

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	15.3	10.7	16.1

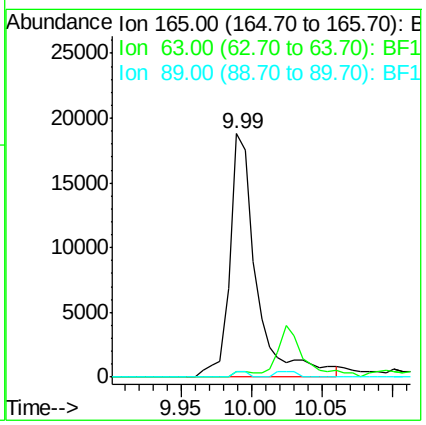


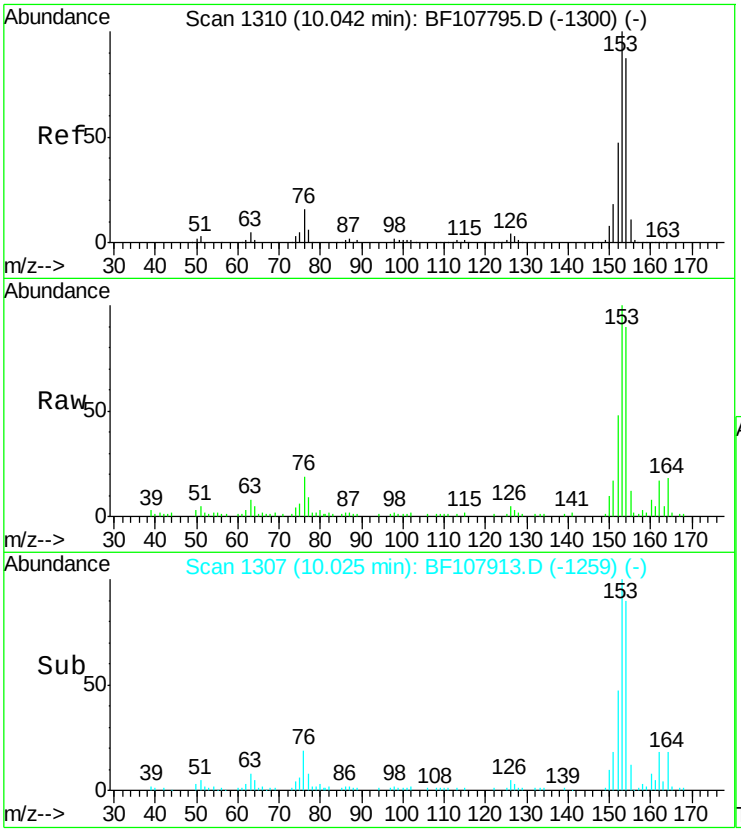


#50
2,6-Dinitrotoluene
Concen: 8.364 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:165 Resp: 24732

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	2.3	44.0	66.0#



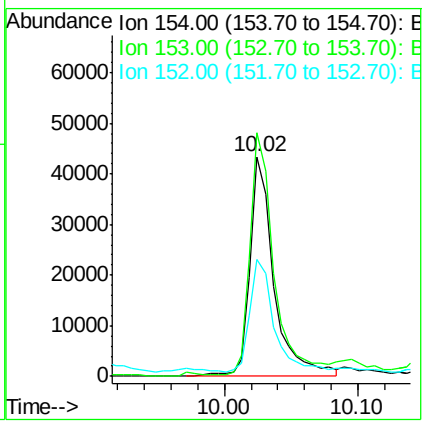


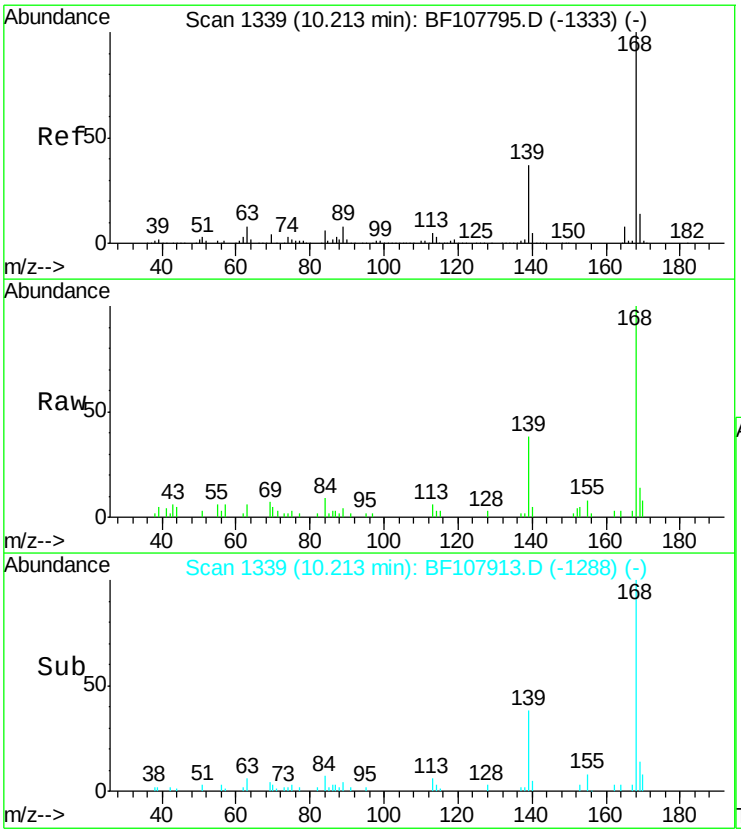
#51
Acenaphthene
Concen: 4.780 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:154 Resp: 53528

Ion	Ratio	Lower	Upper
154	100		
153	110.8	91.2	136.8
152	53.0	43.8	65.8

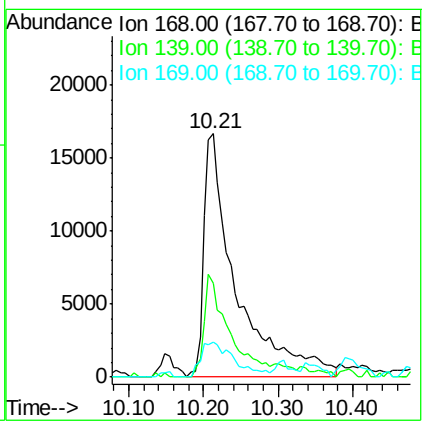


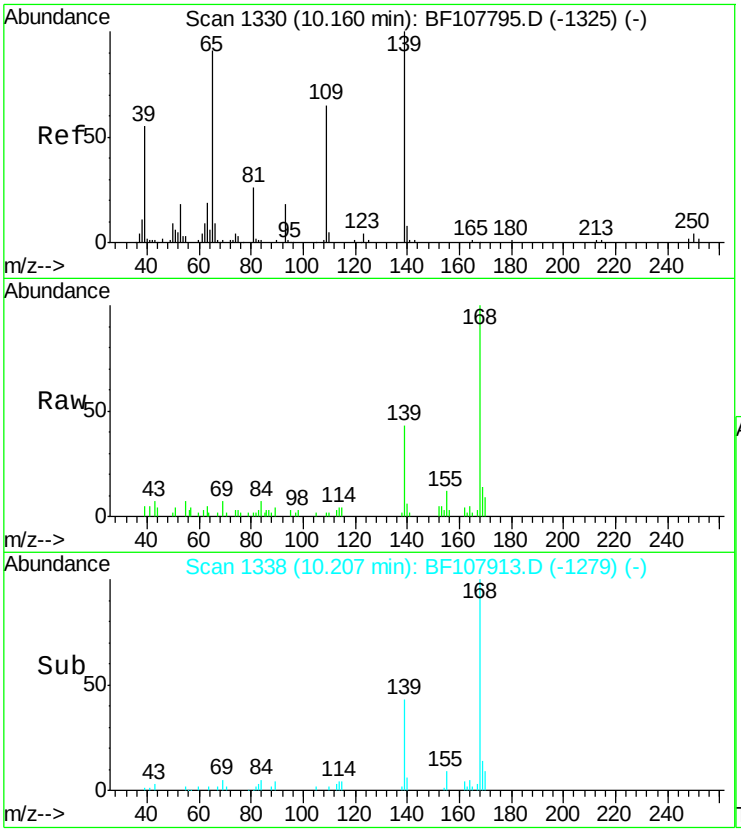


#54
Dibenzofuran
Concen: 2.901 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:168 Resp: 50216

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	14.4	10.9	16.3



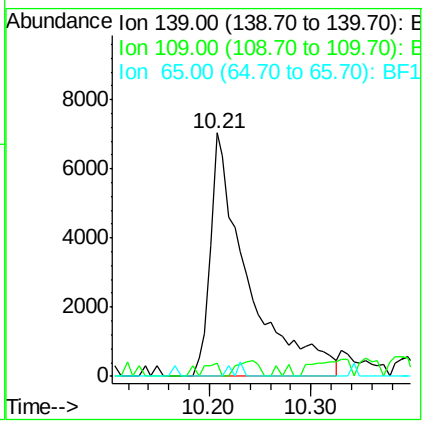


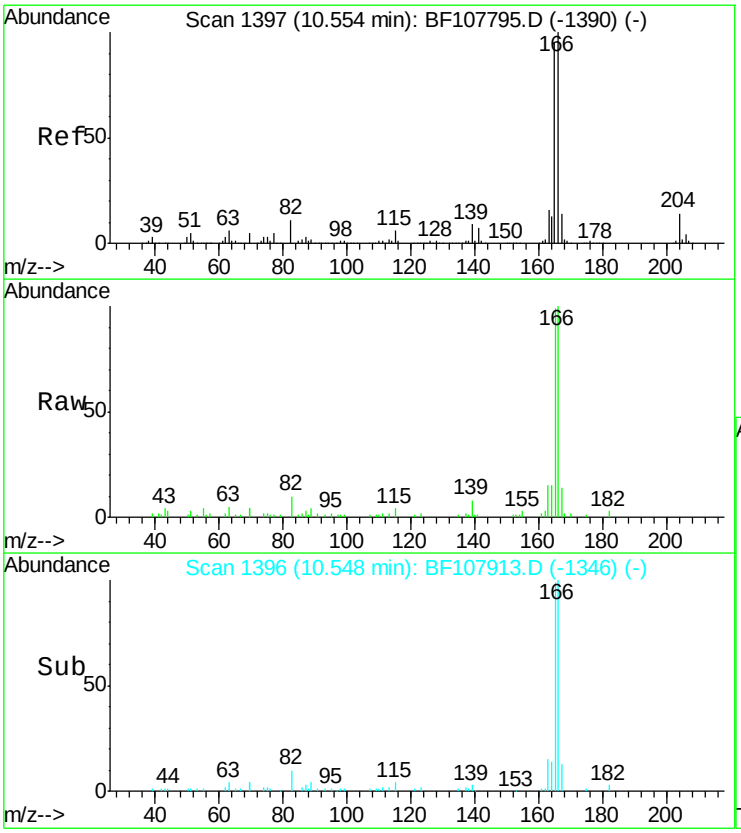
#55
4-Nitrophenol
Concen: 18.374 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.05 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:139 Resp: 17985

Ion	Ratio	Lower	Upper
139	100		
109	5.3	48.4	88.4#
65	0.0	72.6	112.6#

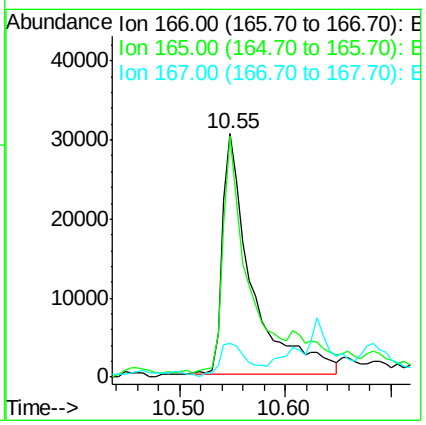


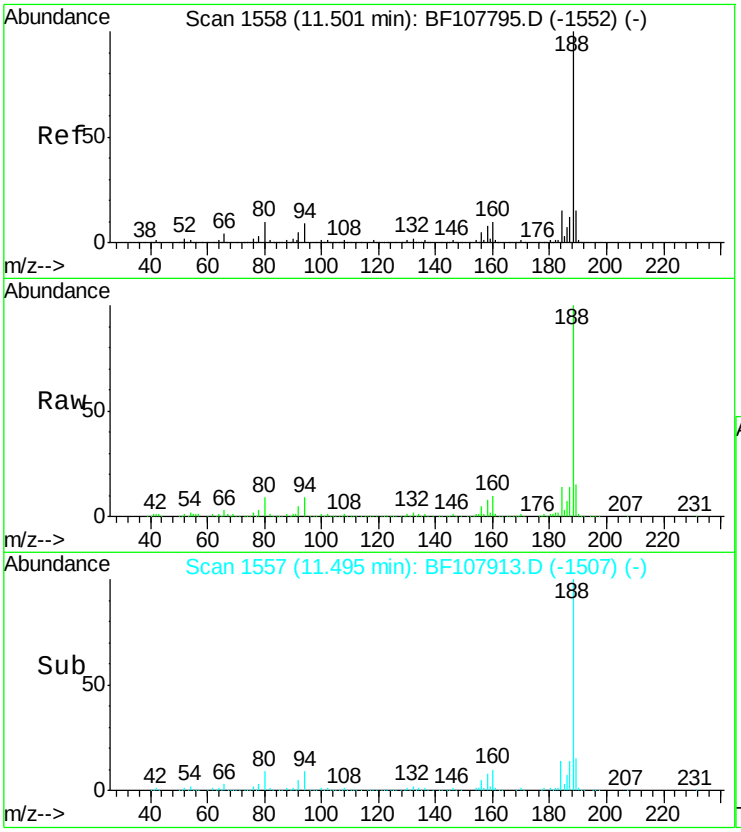


#57
Fluorene
Concen: 4.399 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:166 Resp: 59172

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.9	10.6	16.0



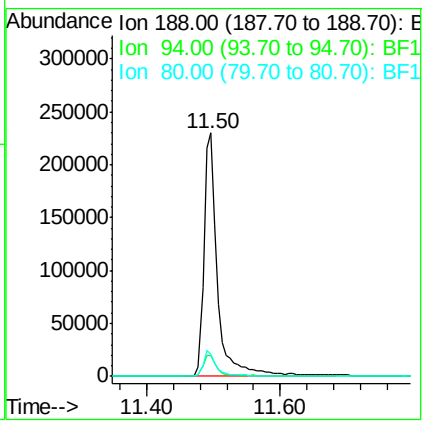


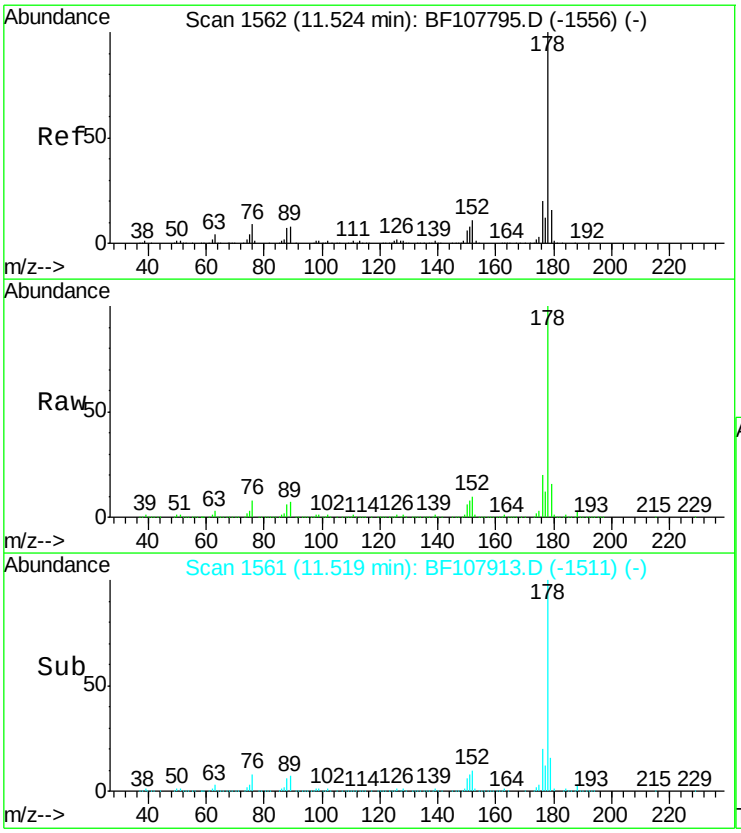
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:188 Resp: 326364

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

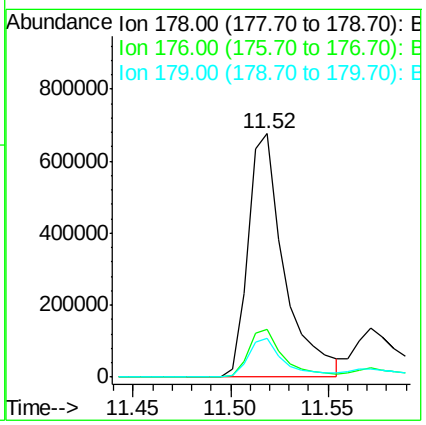


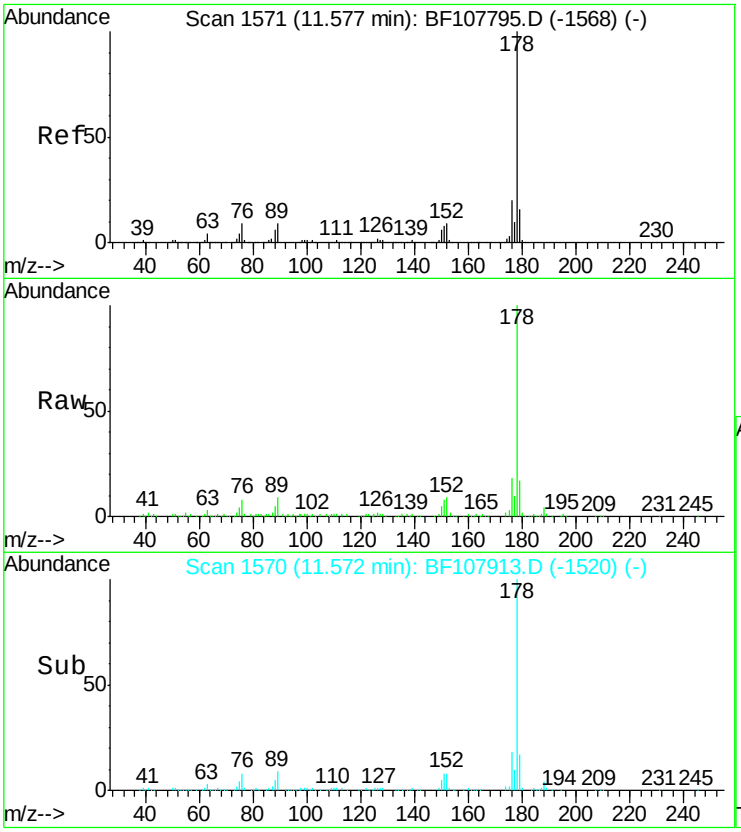


#70
Phenanthrene
Concen: 56.135 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:178 Resp: 869909

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6



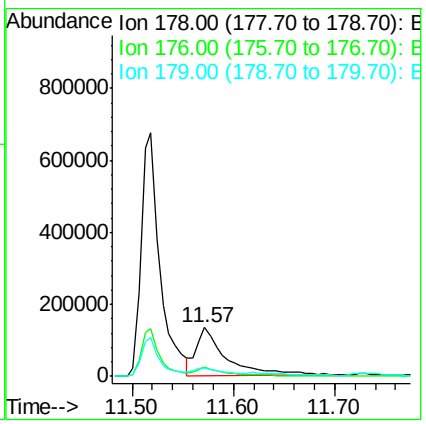


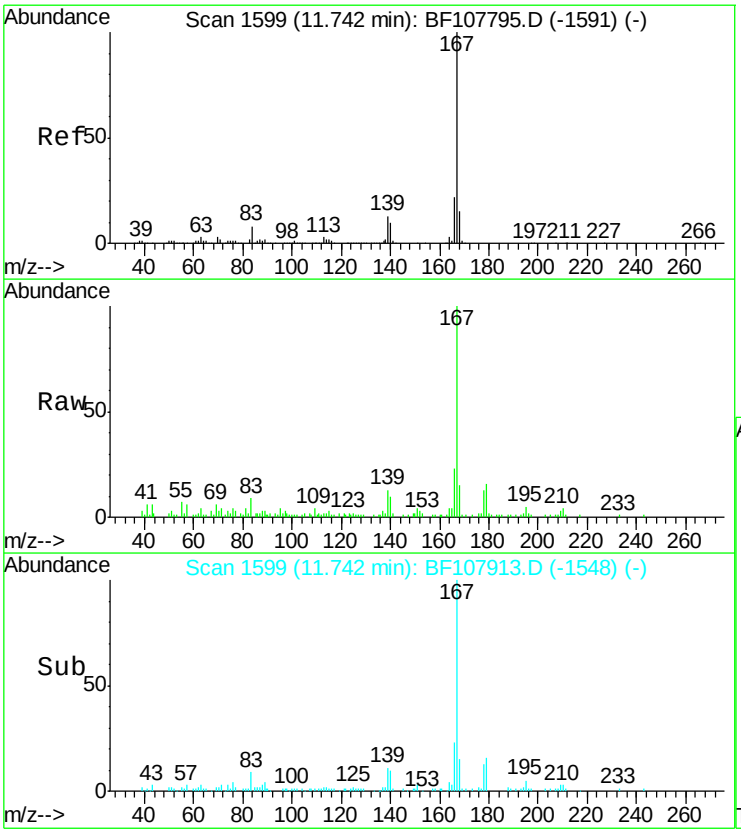
#71
Anthracene
Concen: 14.918 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:178 Resp: 266643

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.3	12.6	19.0

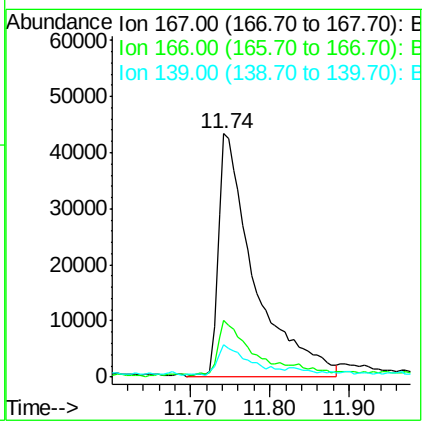


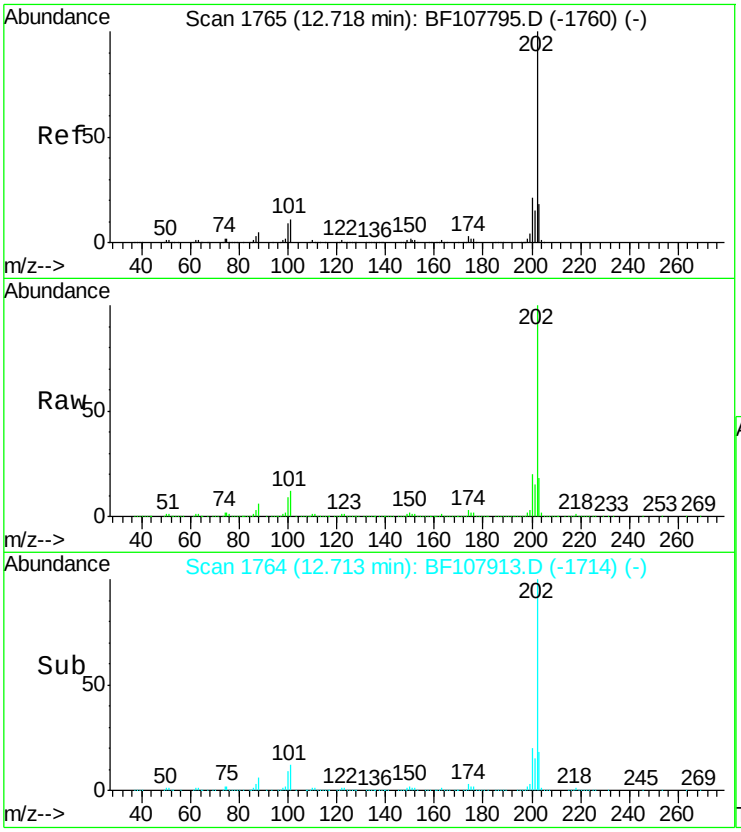


#72
Carbazole
Concen: 7.724 ng
RT: 11.74 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:167 Resp: 136441

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	13.4	10.9	16.3



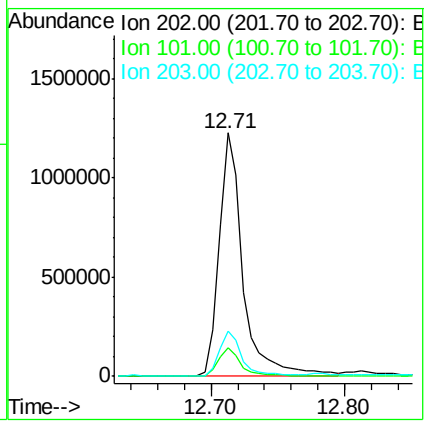


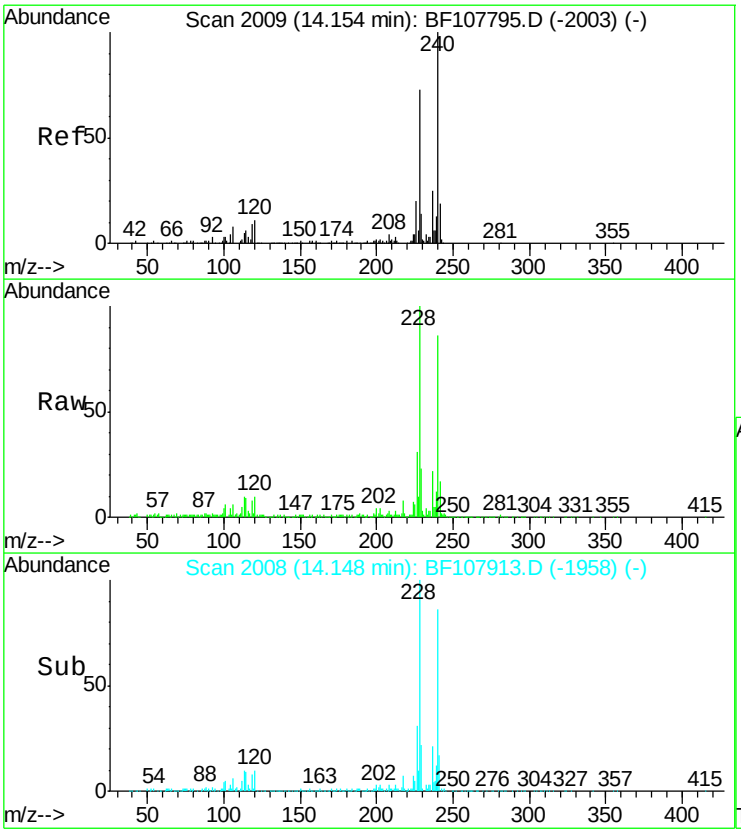
#74
Fluoranthene
Concen: 84.444 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:202 Resp: 1537359

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	18.4	0.0	38.1

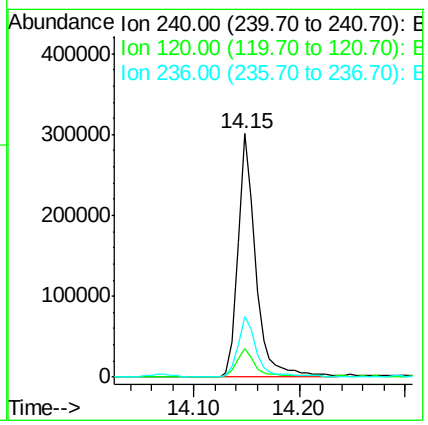


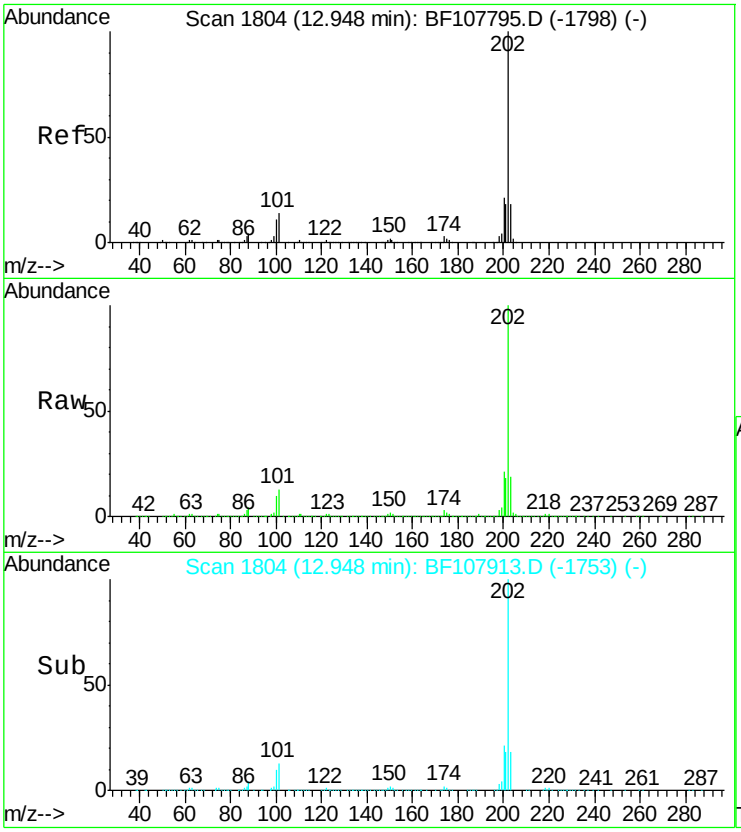


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:240 Resp: 342445

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.1	20.7	31.1



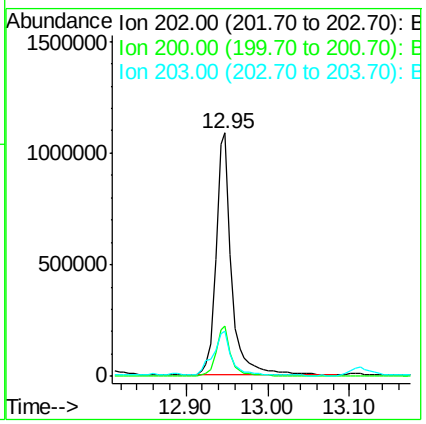


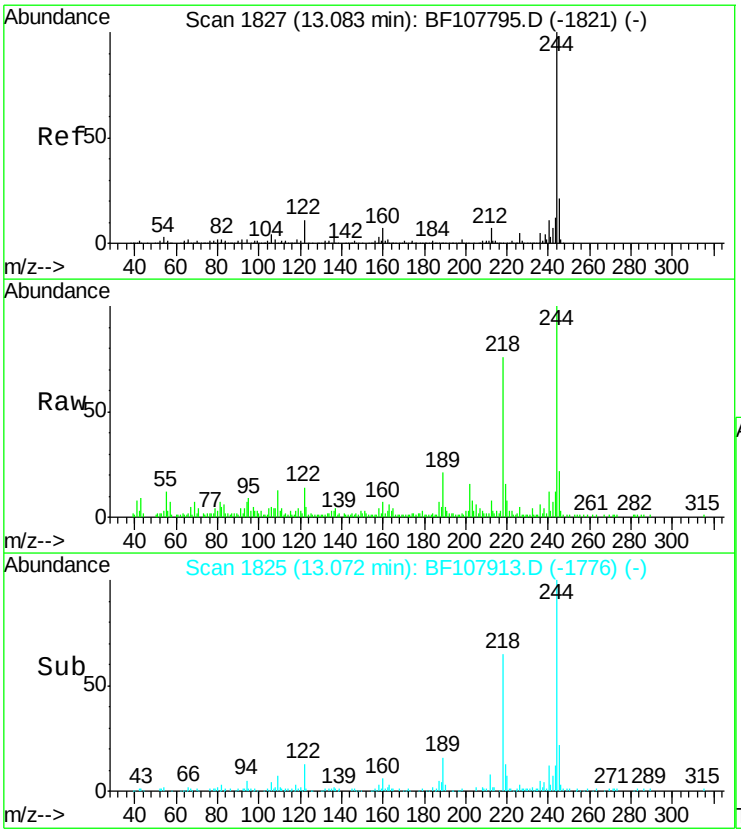
#77
Pyrene
Concen: 58.131 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:202 Resp: 1433439

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.5	14.3	21.5

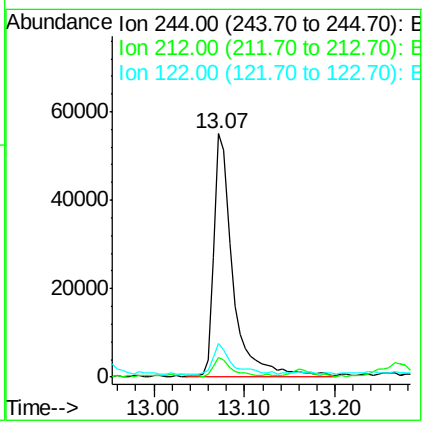


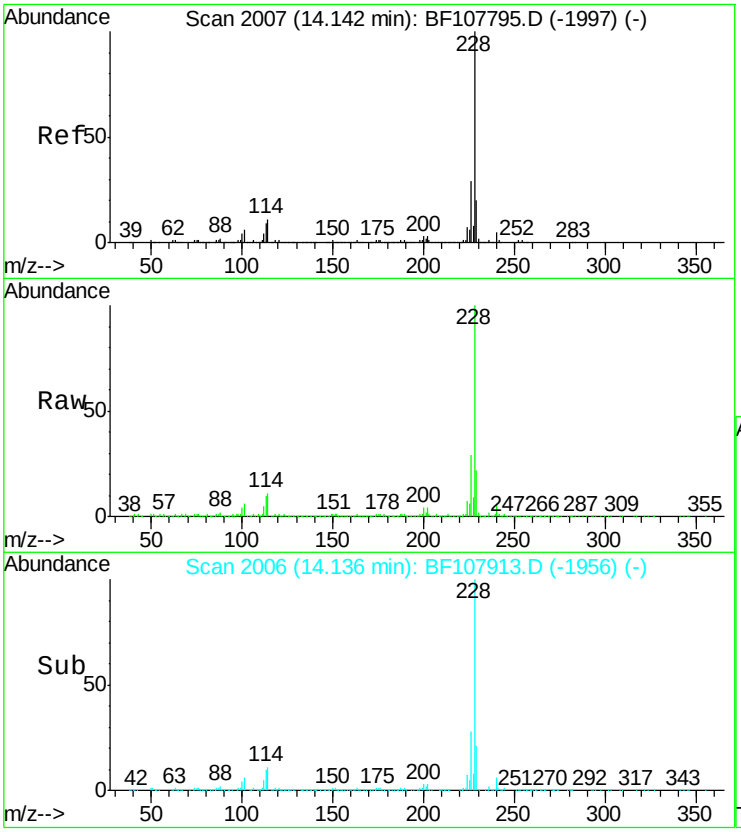


#78
Terphenyl-d14
Concen: 5.130 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:244 Resp: 81012

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	13.9	11.0	16.4



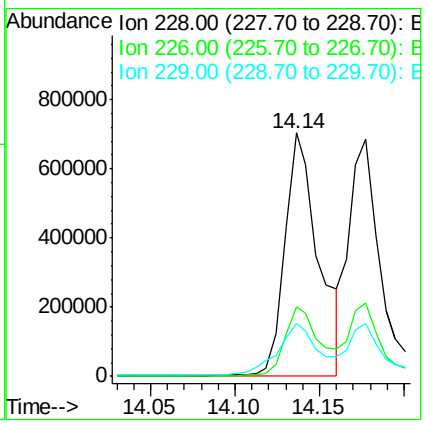


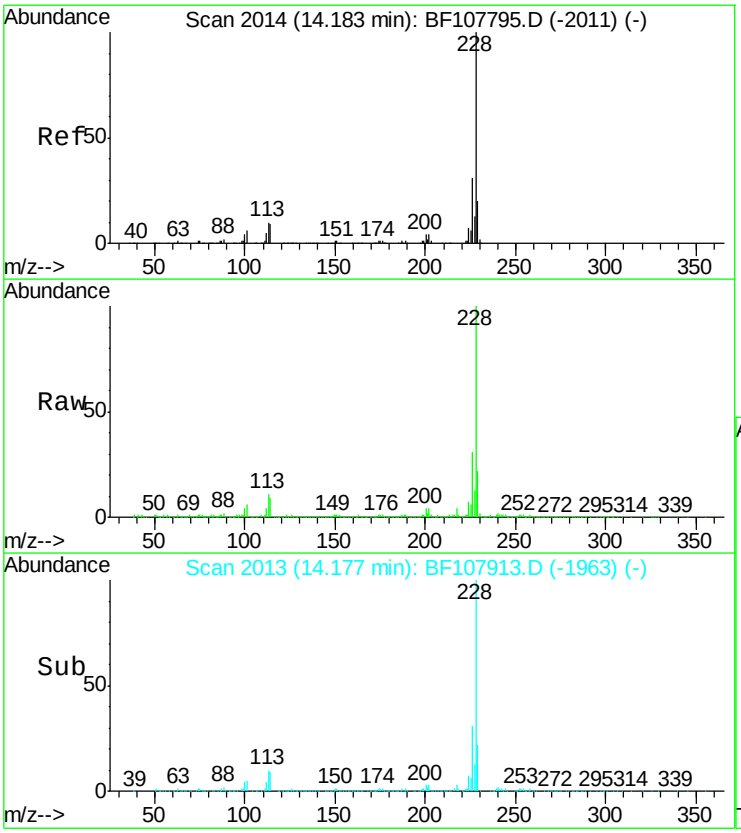
#80
Benzo(a)anthracene
Concen: 50.368 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:228 Resp: 977046

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.9	15.8	23.6

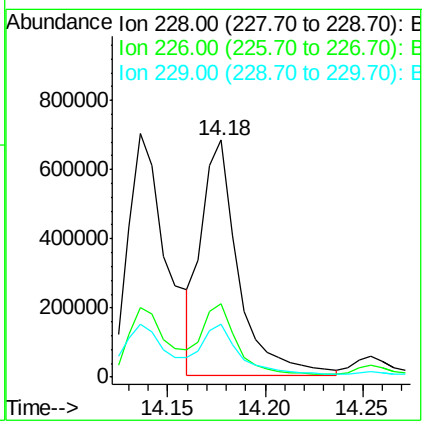


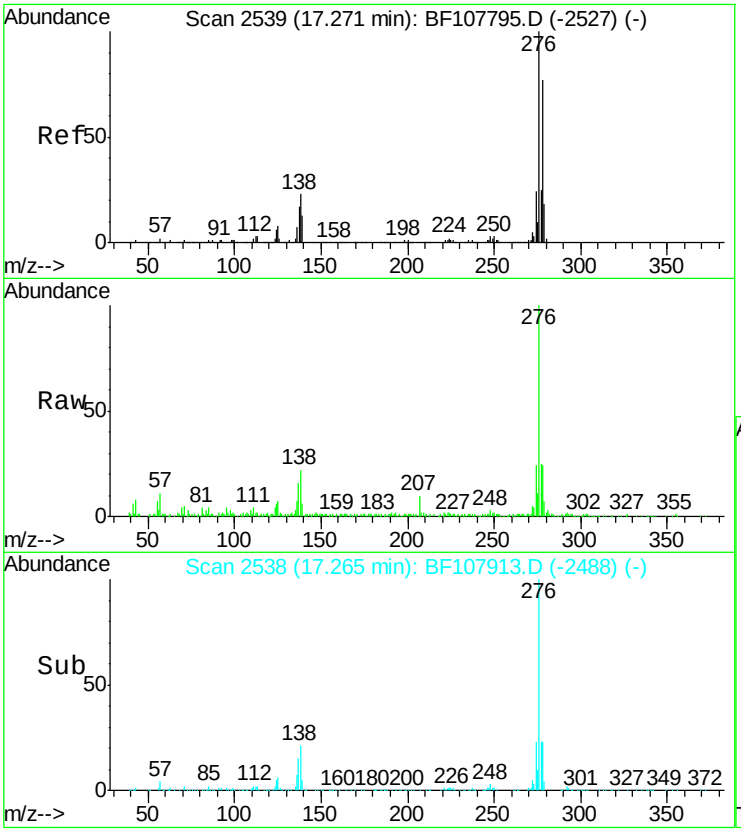


#82
Chrysene
Concen: 43.432 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:228 Resp: 908737

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.2	16.2	24.4



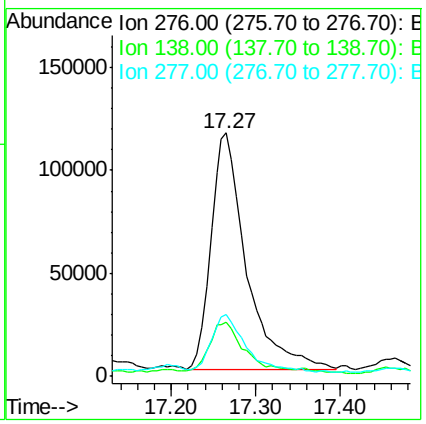


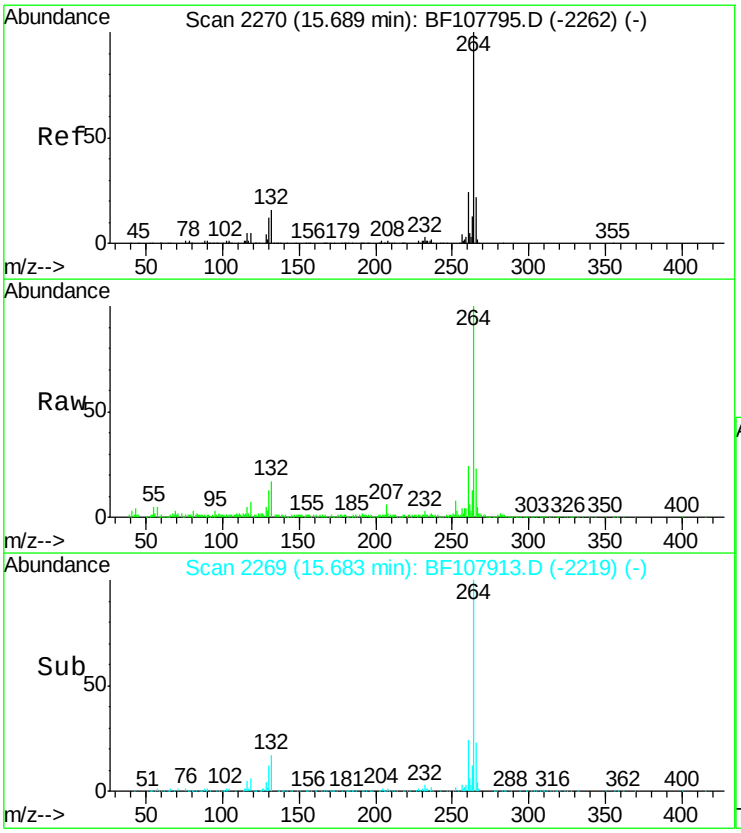
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.991 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:276 Resp: 334069

Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	23.9	20.1	30.1

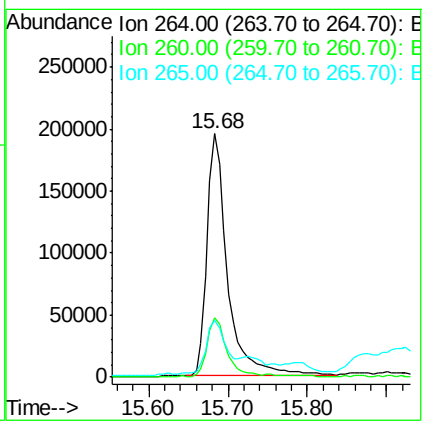


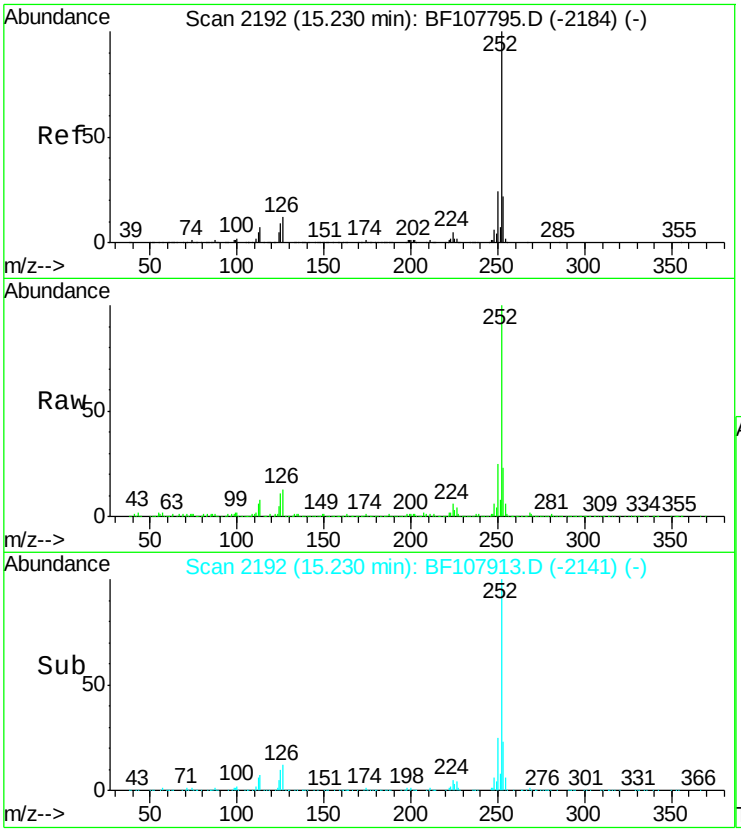


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:264 Resp: 355684

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.3	17.5	26.3



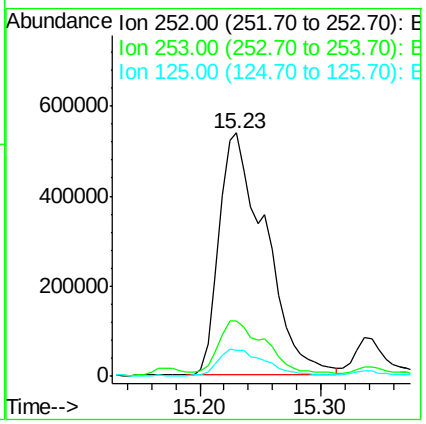


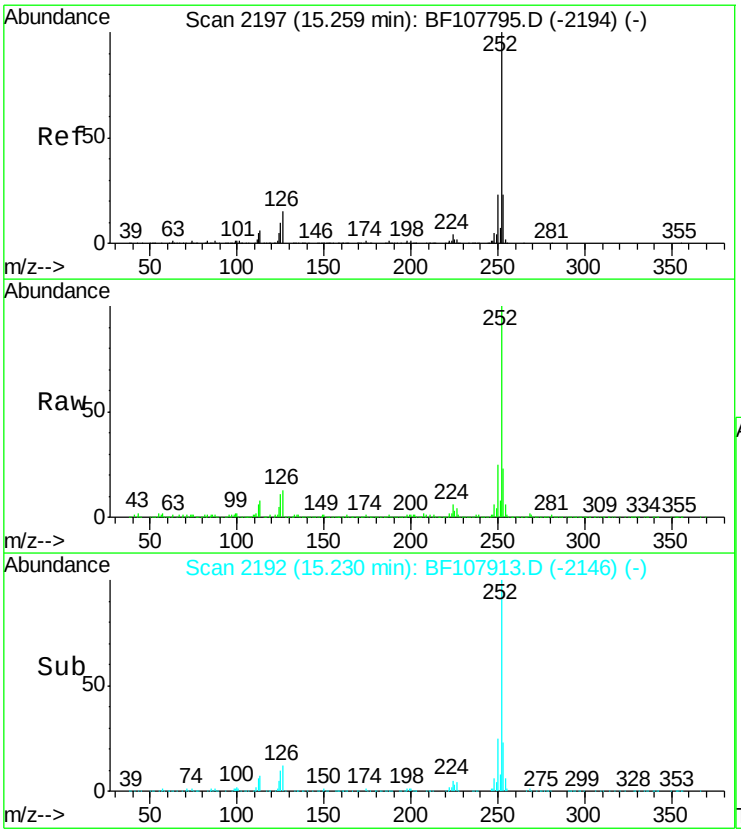
#87
Benzo(b)fluoranthene
Concen: 81.562 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:252 Resp: 1430791

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.8	9.0	13.6

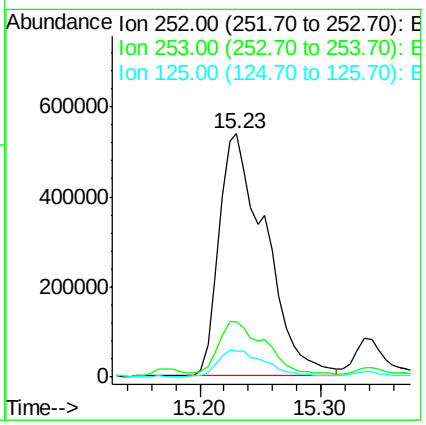


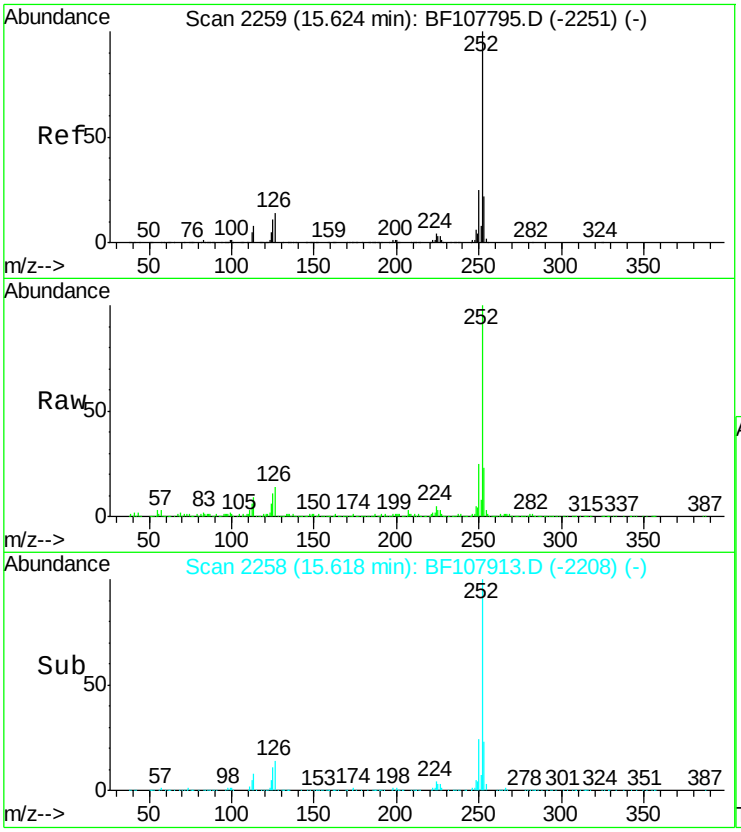


#88
Benzo(k)fluoranthene
Concen: 66.433 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:252 Resp: 1430791

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.8	10.2	15.2



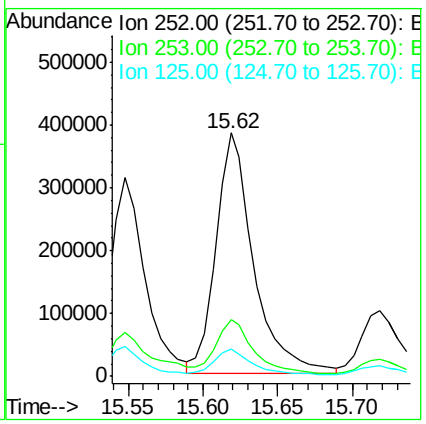


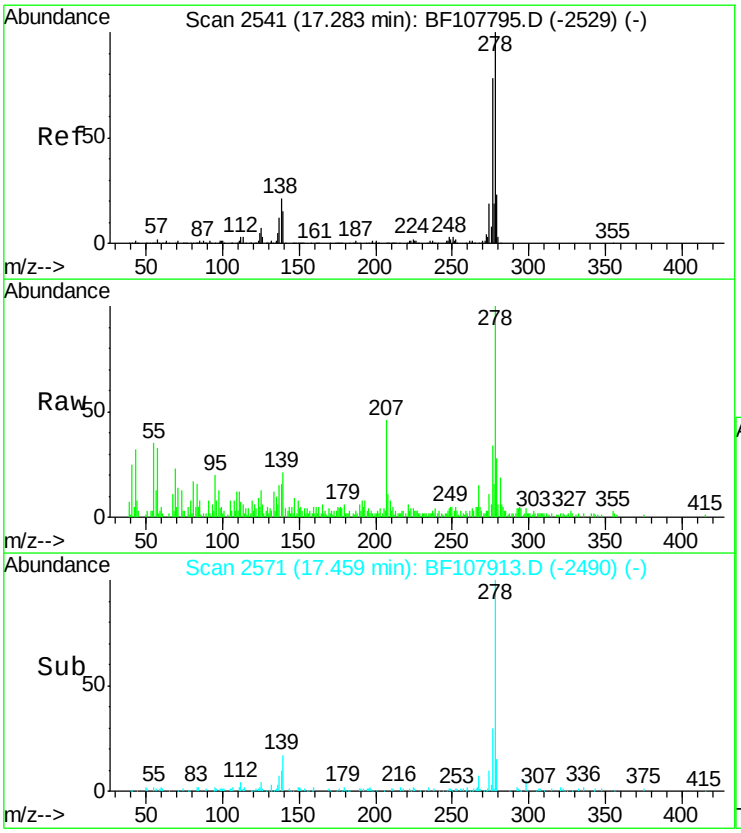
#89
Benzo(a)pyrene
Concen: 37.556 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:252 Resp: 680134

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.4	9.8	14.6

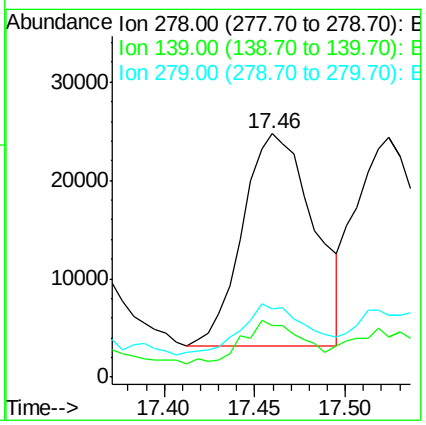


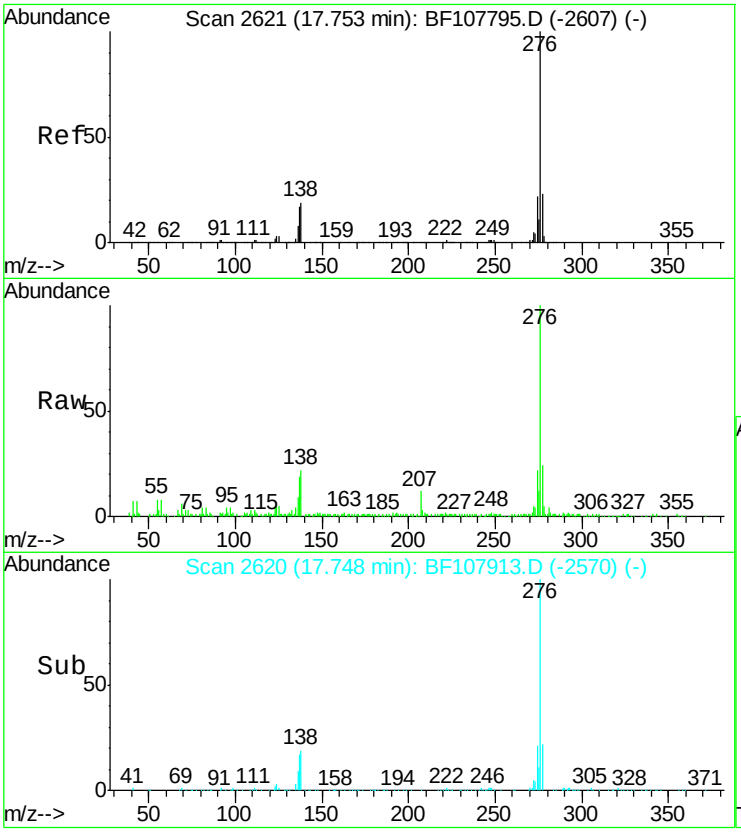


#90
Dibenzo(a,h)anthracene
Concen: 3.746 ng
RT: 17.46 min Scan# 2571
Delta R.T. 0.18 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Tgt Ion:278 Resp: 59181

Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	28.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 20.588 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107913.D
Acq: 2 Aug 2018 17:01

Instrument :
BNA_F
ClientSampleId :
KG-PIT-4

Tgt Ion:276 Resp: 314695

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	21.6	21.8	32.8#