Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107958.D
Acq On : 4 Aug 2018 00:31
Operator : JU/SJ
Sample : J4298-02 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 04:08:49 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	112422	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	505676	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	213876	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	366029	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	343001	20.00	ng	-0.01
86) Perylene-d12	15.68	264	310081	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	229175	34.65	ng	0.01
7) Phenol-d6	6.61	99	361167	41.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	234054	26.67	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	88040	30.29	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	467097	30.43	ng	-0.02
78) Terphenyl-d14	13.07	244	359795	22.75	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.85	88	803	6.021	ng	# 45
19) n-Nitroso-di-n-propylamine	7.53	70	25368	4.587	ng	# 80
25) Isophorone	7.53	82	234054	16.244	ng	# 64
49) Dimethylphthalate	9.70	163	60325	3.756	ng	97
50) 2,6-Dinitrotoluene	9.99	165	25615	7.338	ng	# 27
51) Acenaphthene	10.02	154	30808	2.331	ng	97
55) 4-Nitrophenol	10.21	139	6962	12.284	ng	# 9
56) 2,4-Dinitrotoluene	9.99	165	26667	5.812	ng	# 24
70) Phenanthrene	11.51	178	370212	21.301	ng	97
71) Anthracene	11.57	178	132238	6.596	ng	96
72) Carbazole	11.75	167	46771	2.361	ng	96
74) Fluoranthene	12.71	202	745368	36.505	ng	96
77) Pyrene	12.94	202	634759	25.700	ng	96
80) Benzo(a)anthracene	14.13	228	347459	17.883	ng	96
82) Chrysene	14.17	228	321017	15.318	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	66864	4.917	ng	95
87) Benzo(b)fluoranthene	15.22	252	541666	35.419	ng	97
88) Benzo(k)fluoranthene	15.22	252	541666	28.849	ng	98
89) Benzo(a)pyrene	15.61	252	266950	16.909	ng	96
91) Benzo(g,h,i)perylene	17.74	276	118993	8.930	ng	95

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

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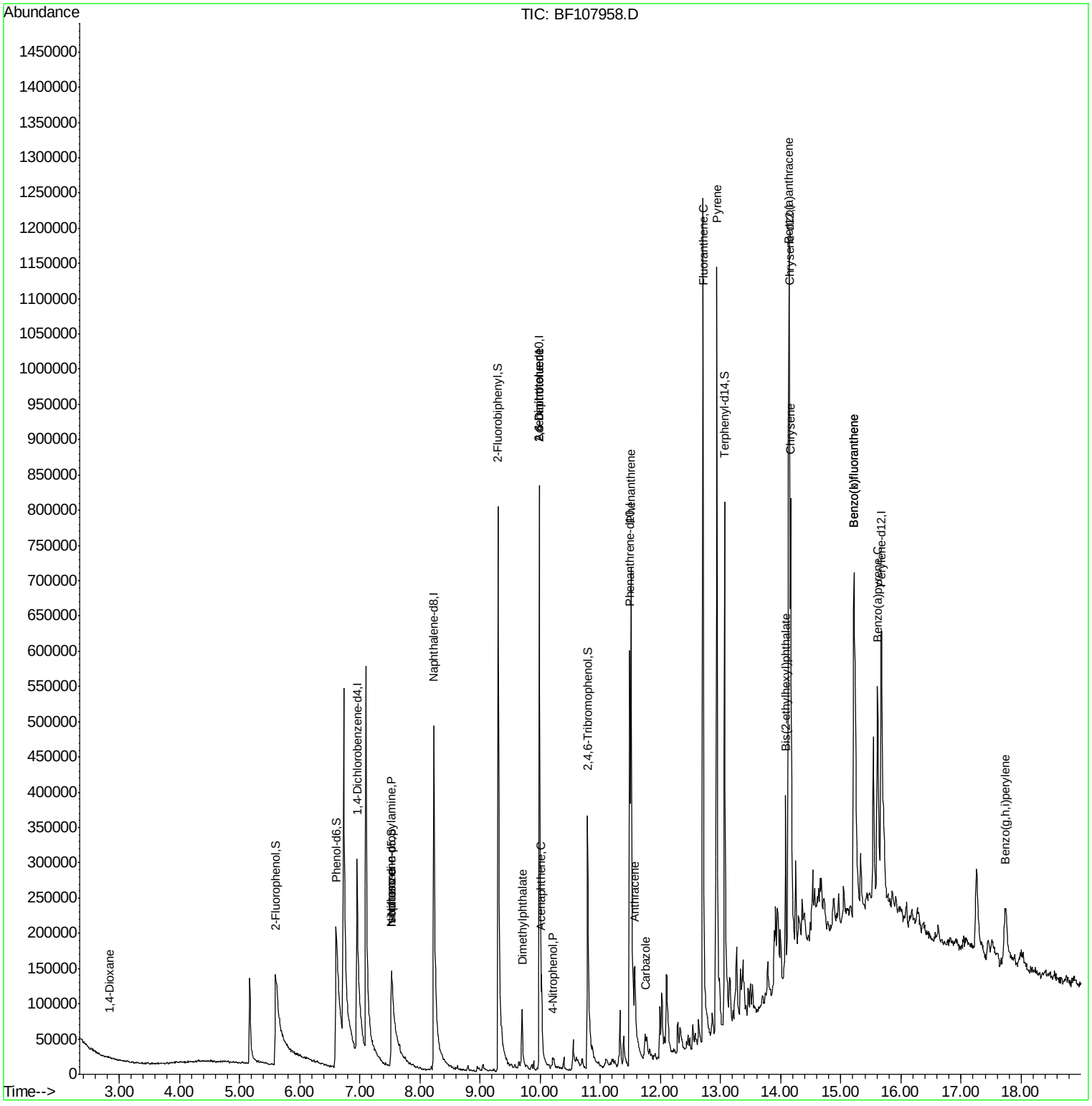
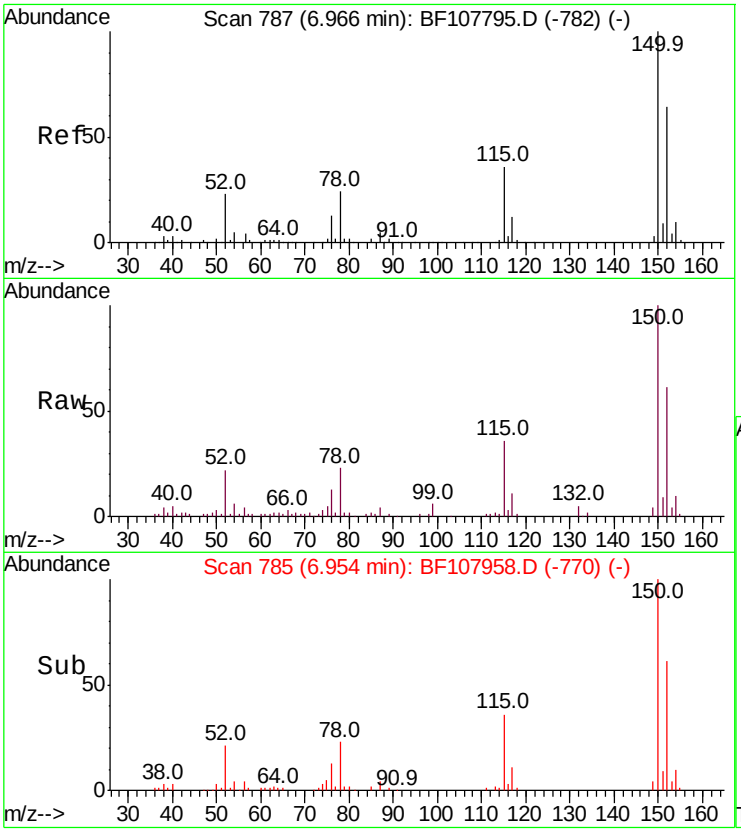


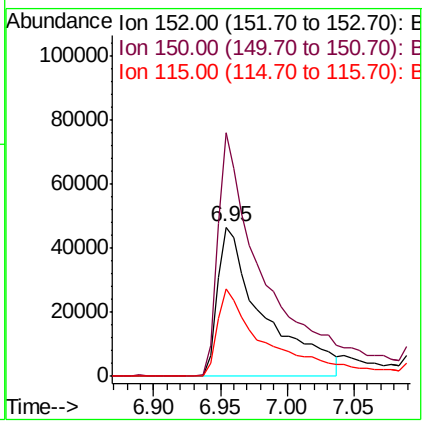


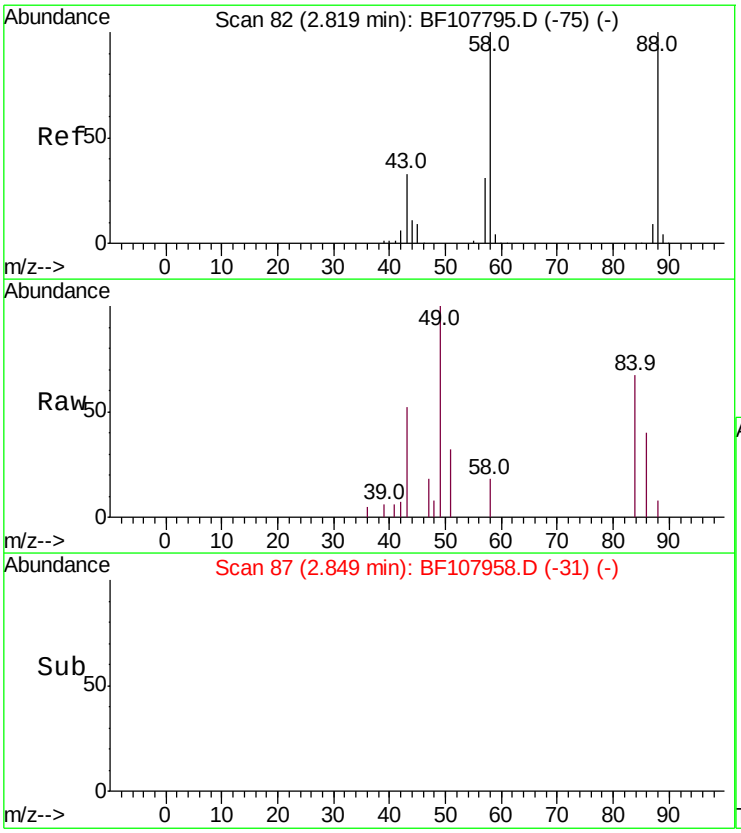
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112422

Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.6	186.8
115	58.8	50.1	75.1

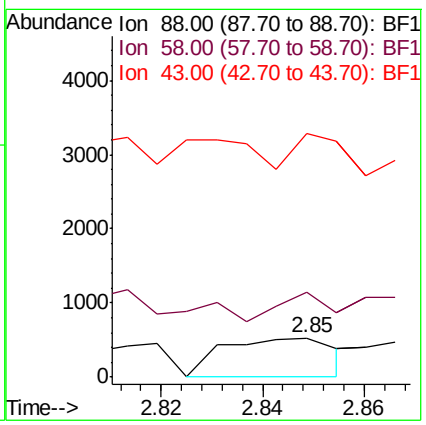


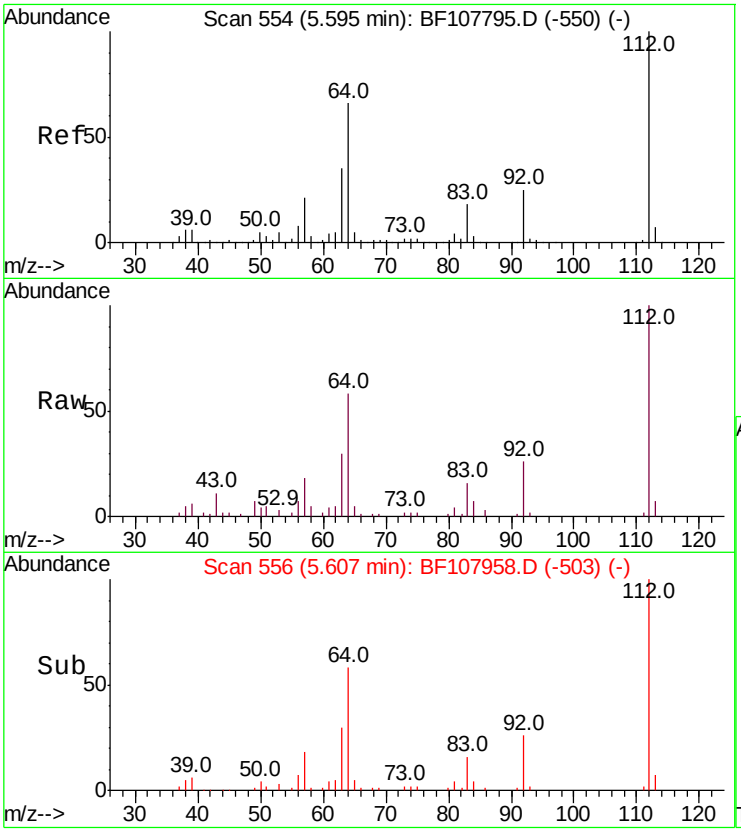


#2
1,4-Dioxane
Concen: 6.021 ng
RT: 2.85 min Scan# 87
Delta R.T. 0.03 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion: 88 Resp: 803

Ion	Ratio	Lower	Upper
88	100		
58	31.8	62.6	93.8#
43	63.9	24.6	37.0#



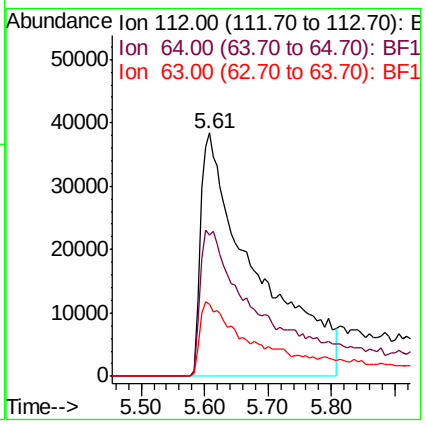


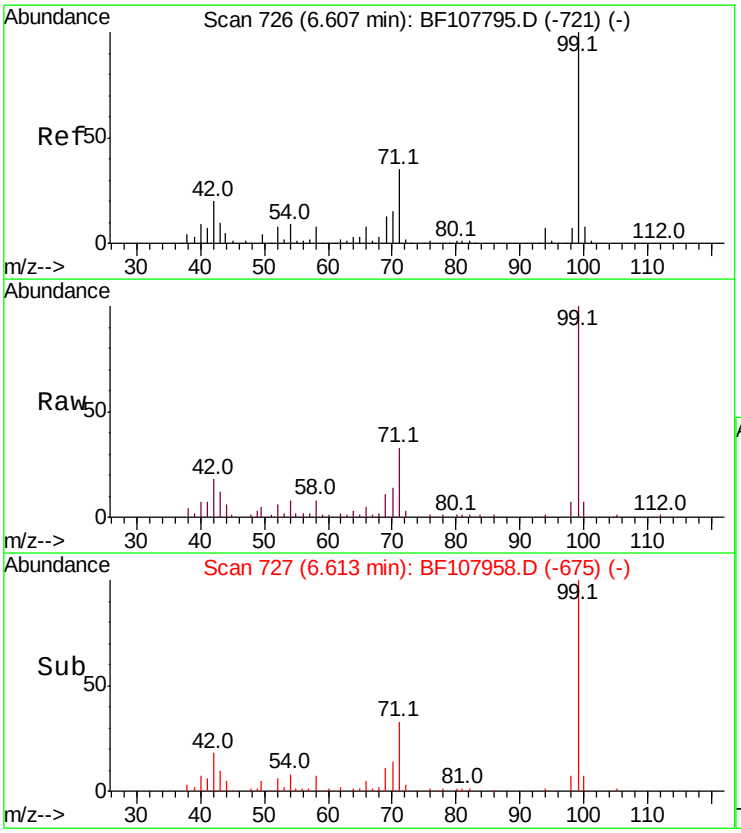
#5
2-Fluorophenol
Concen: 34.646 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 229175

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.6	23.7	35.5

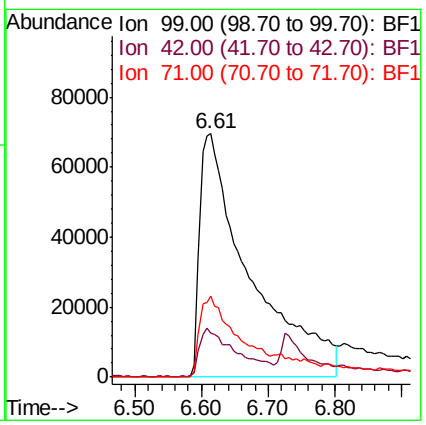


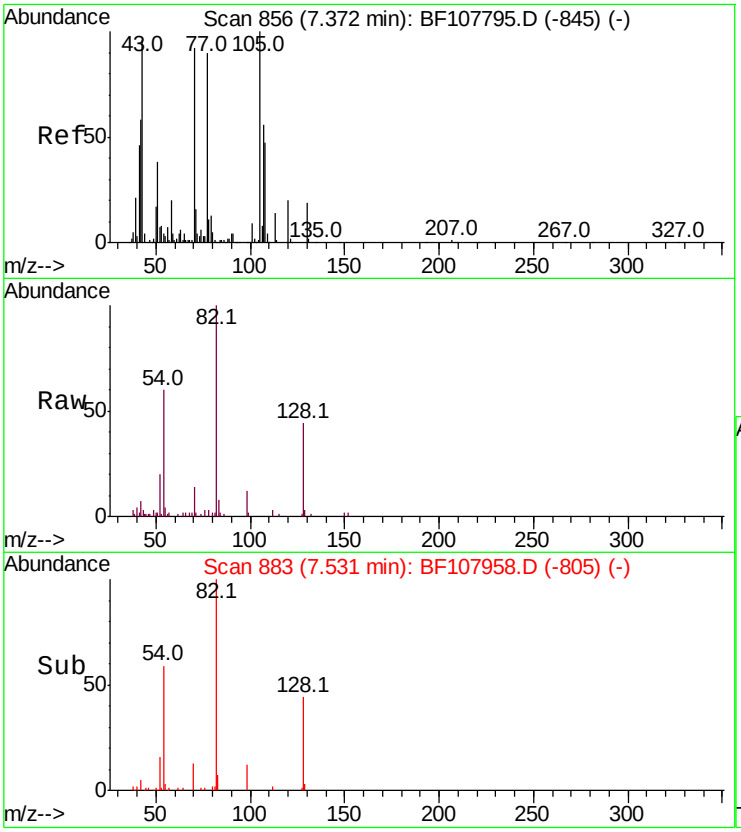


#7
Phenol-d6
Concen: 41.428 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion: 99 Resp: 361167

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	33.5	25.4	38.0



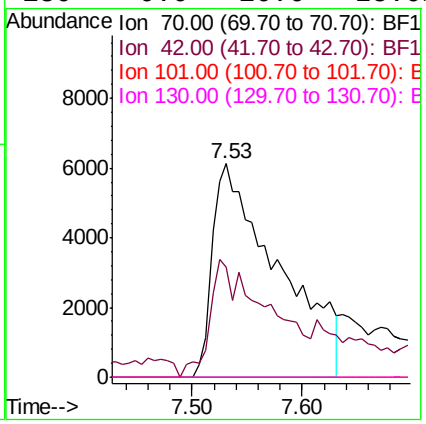


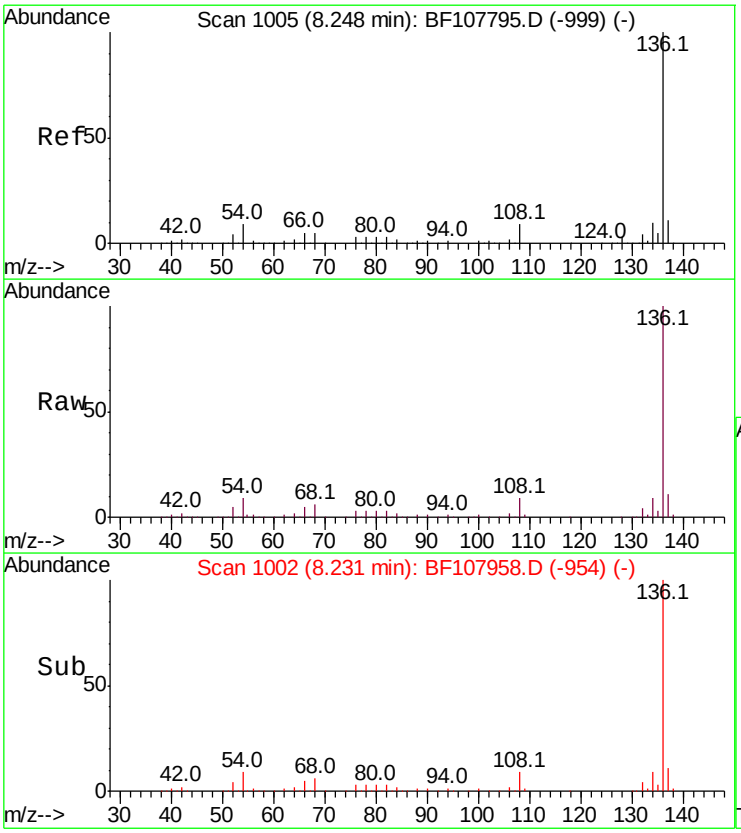
#19
n-Nitroso-di-n-propylamine
Concen: 4.587 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 25368

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

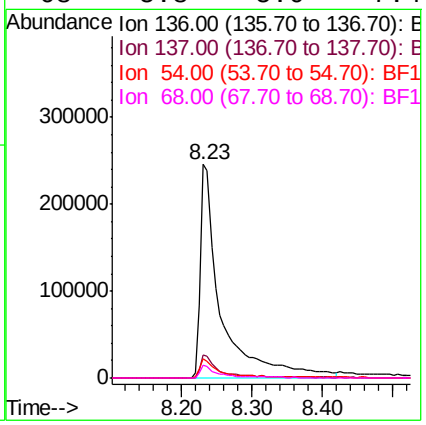


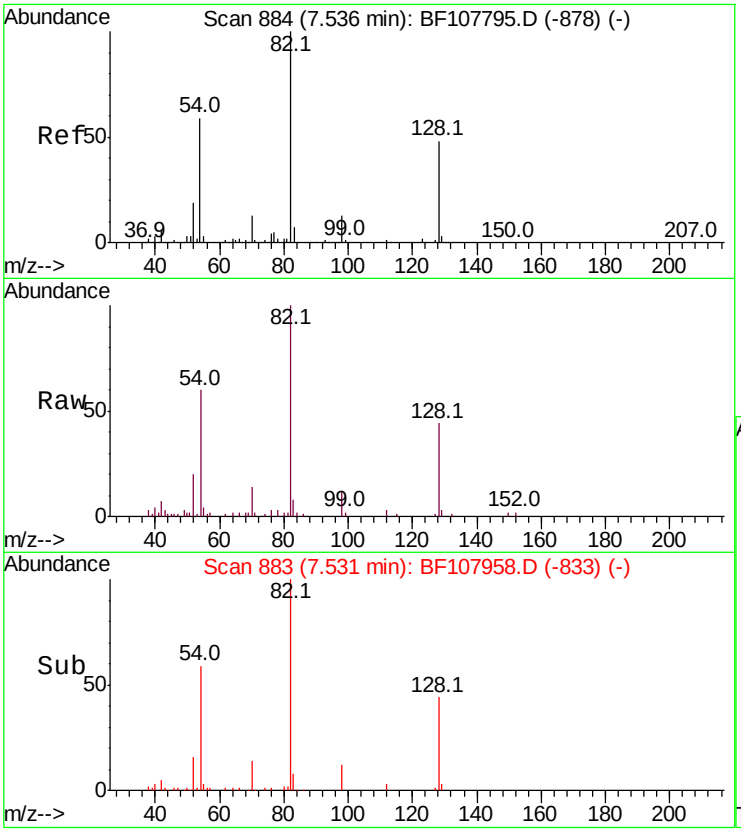


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:136 Resp: 505676

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.1	6.6	9.8
68	5.8	5.0	7.4



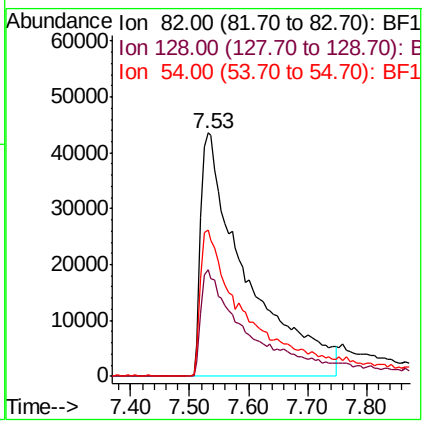


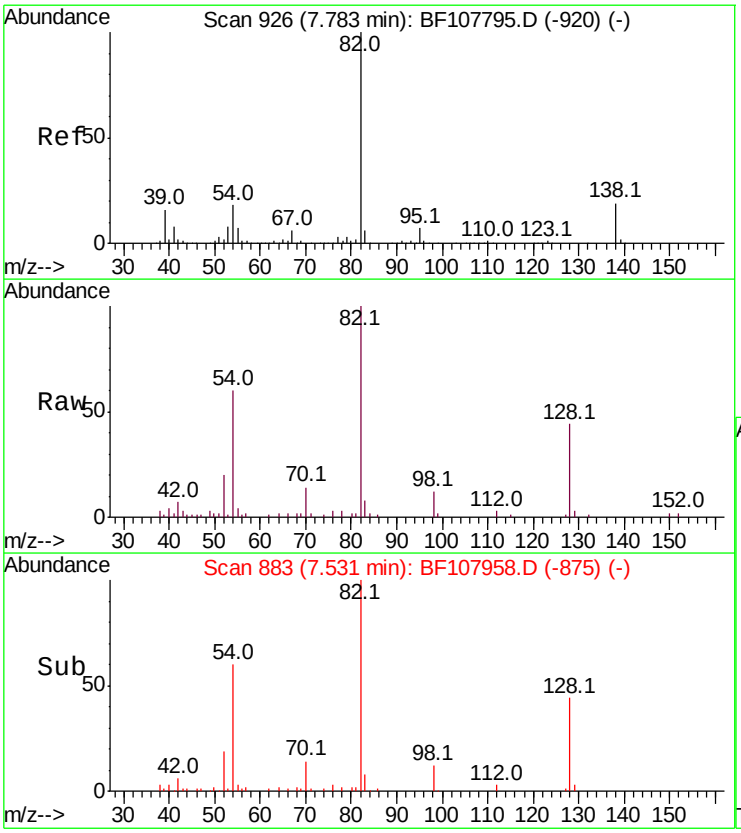
#23
Nitrobenzene-d5
Concen: 26.665 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 234054

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	60.3	41.4	62.2

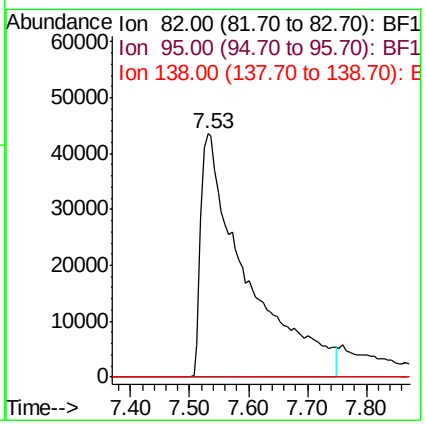


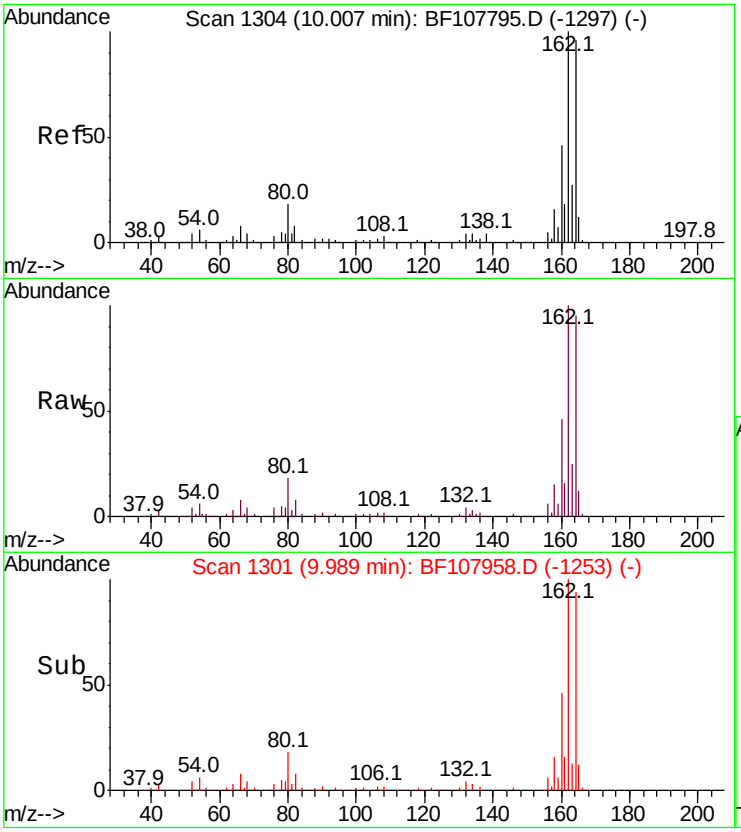


#25
Isophorone
Concen: 16.244 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion: 82 Resp: 234054

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



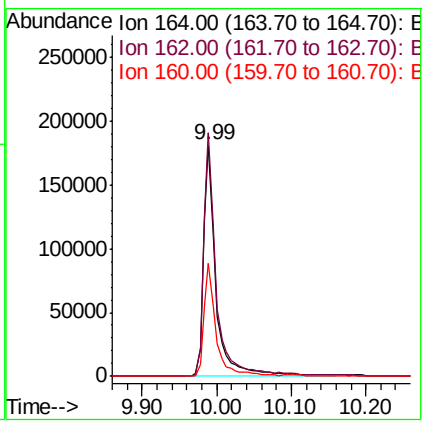


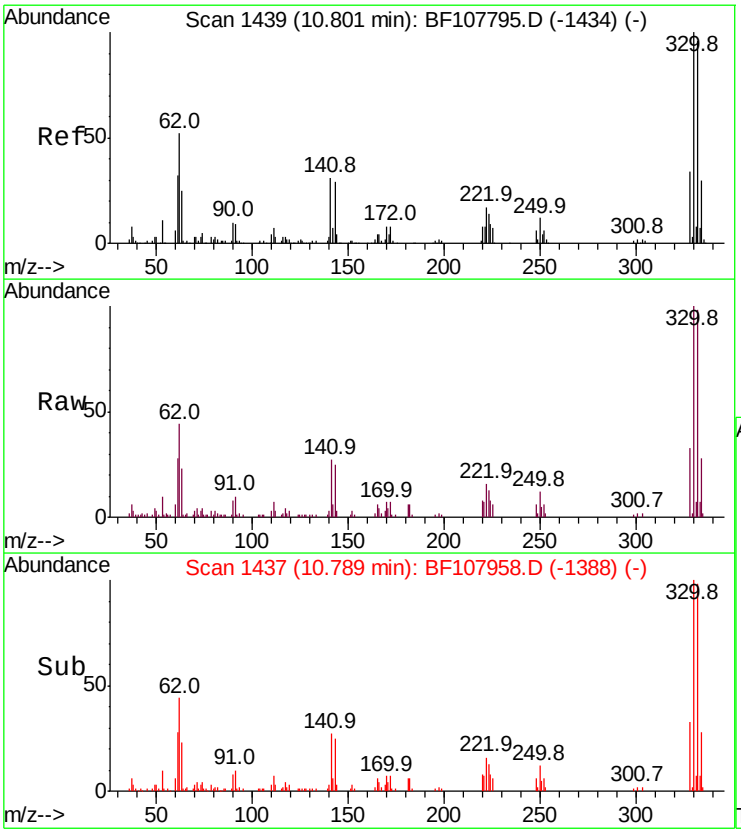
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 213876

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	48.6	38.3	57.5

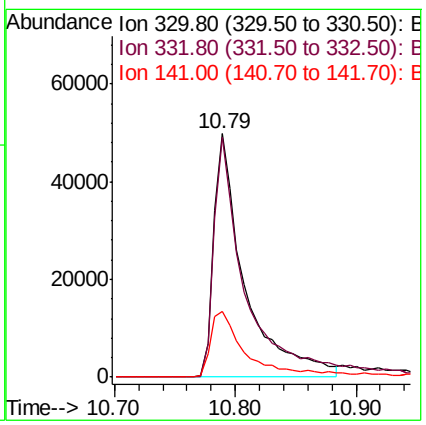


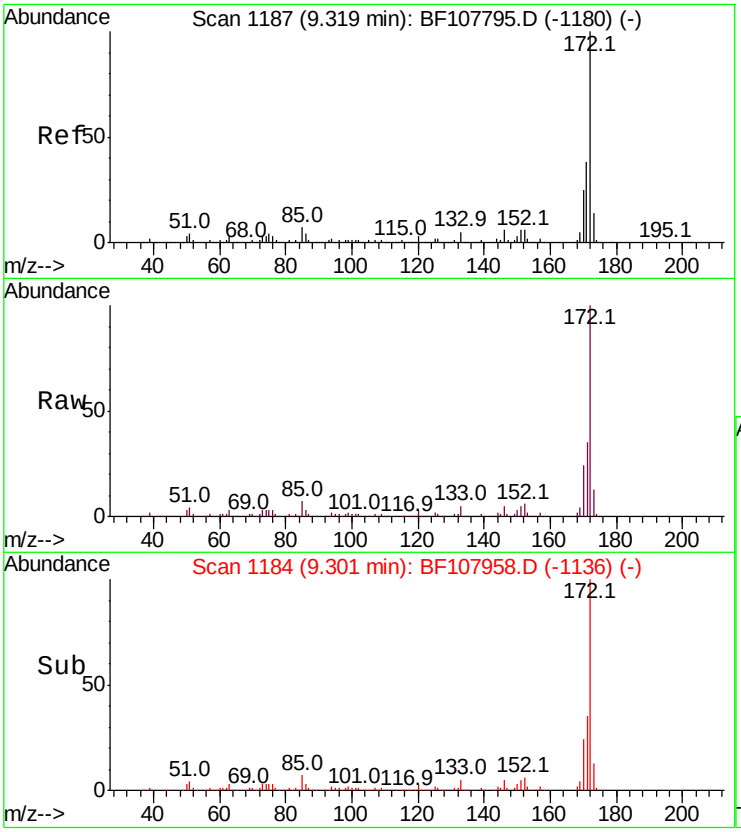


#41
2,4,6-Tribromophenol
Concen: 30.294 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:330 Resp: 88040

Ion	Ratio	Lower	Upper
330	100		
332	106.1	77.0	115.6
141	31.5	29.9	44.9



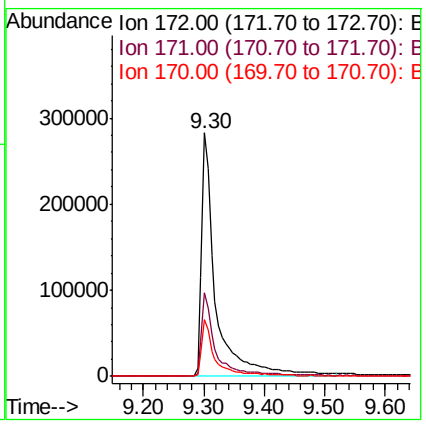


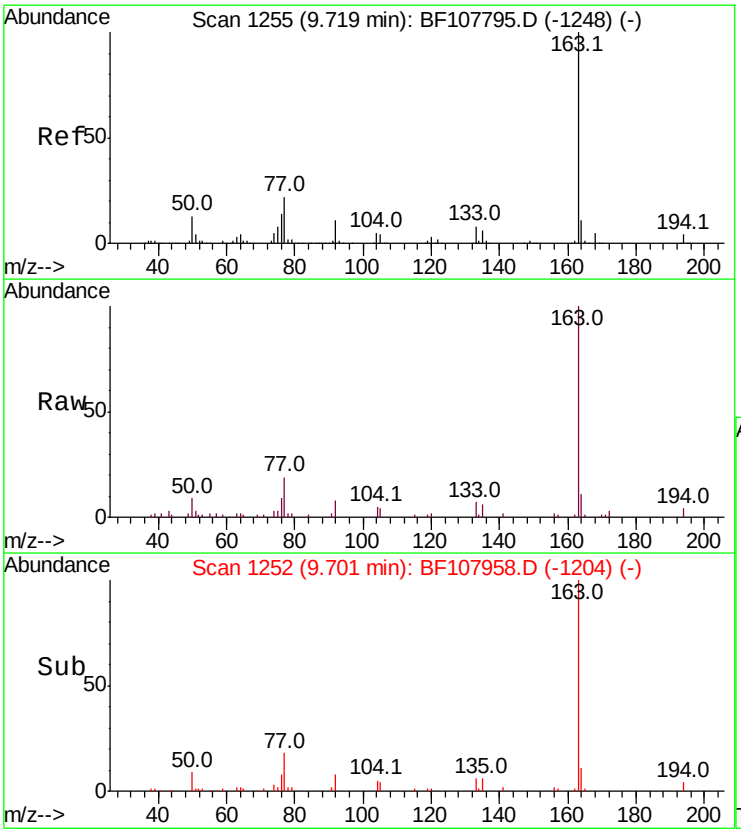
#44
2-Fluorobiphenyl
Concen: 30.433 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 467097

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.6	19.6	29.4

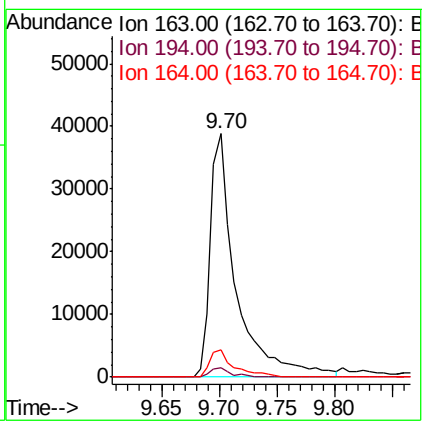


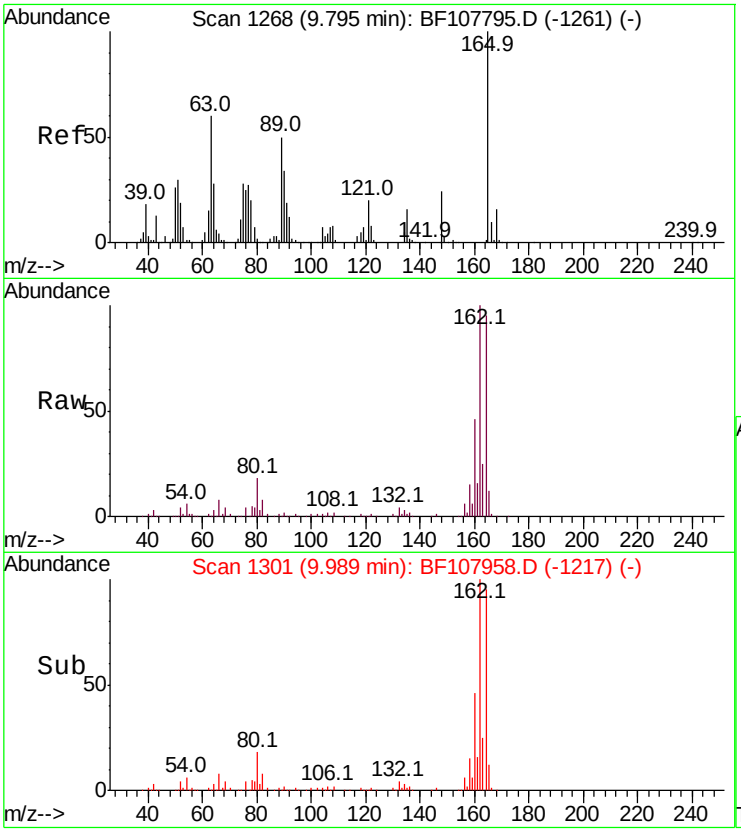


#49
Dimethylphthalate
Concen: 3.756 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:163 Resp: 60325

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.4	8.2	12.2



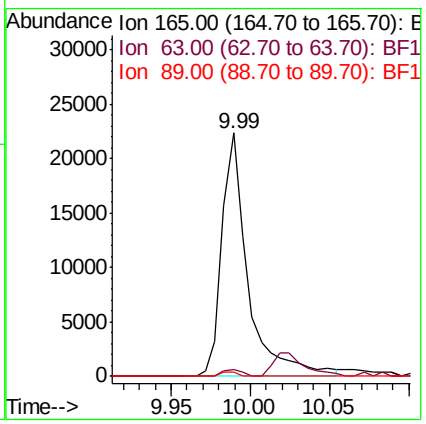


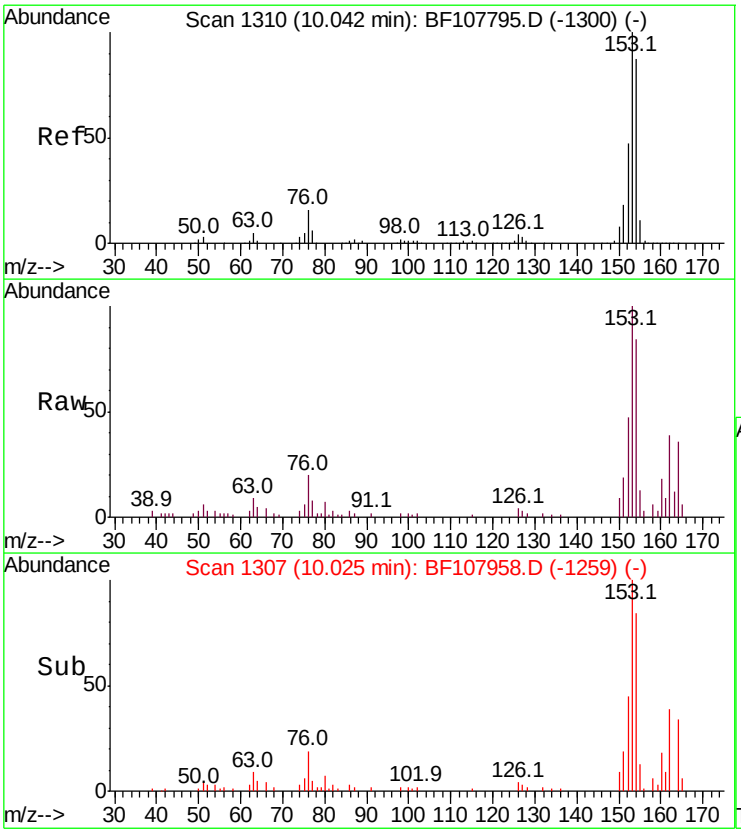
#50
2,6-Dinitrotoluene
Concen: 7.338 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25615

Ion	Ratio	Lower	Upper
165	100		
63	2.7	44.7	67.1#
89	2.0	44.0	66.0#

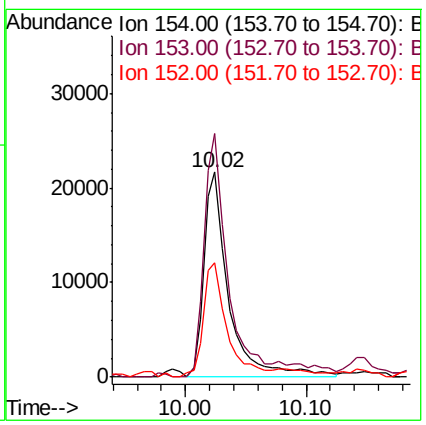


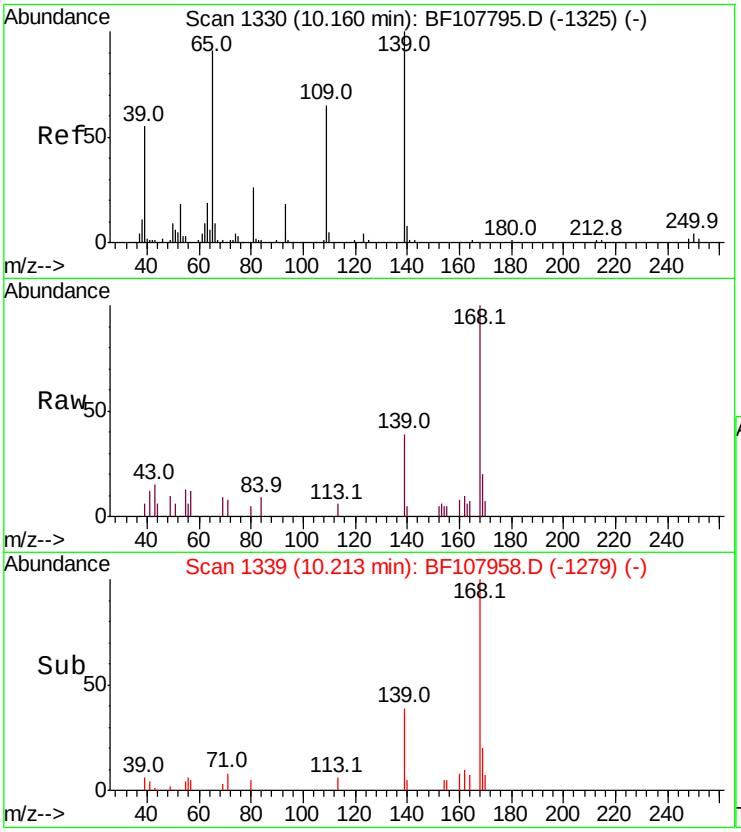


#51
Acenaphthene
Concen: 2.331 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:154 Resp: 30808

Ion	Ratio	Lower	Upper
154	100		
153	118.7	91.2	136.8
152	55.6	43.8	65.8



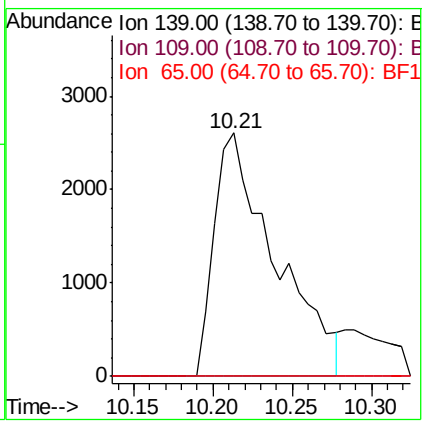


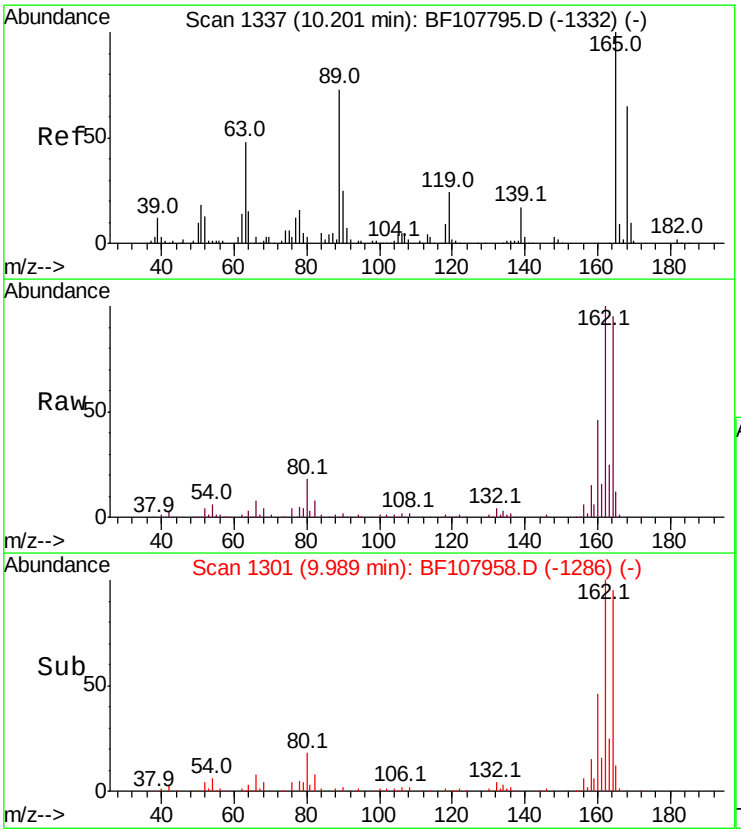
#55
4-Nitrophenol
Concen: 12.284 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6962

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

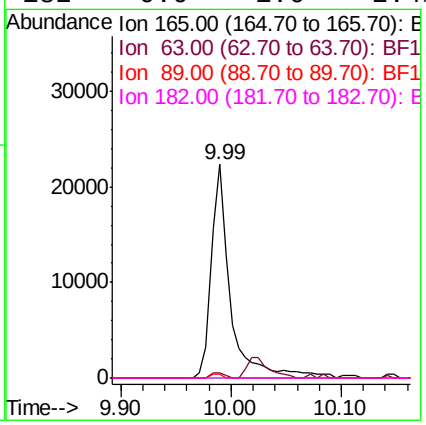


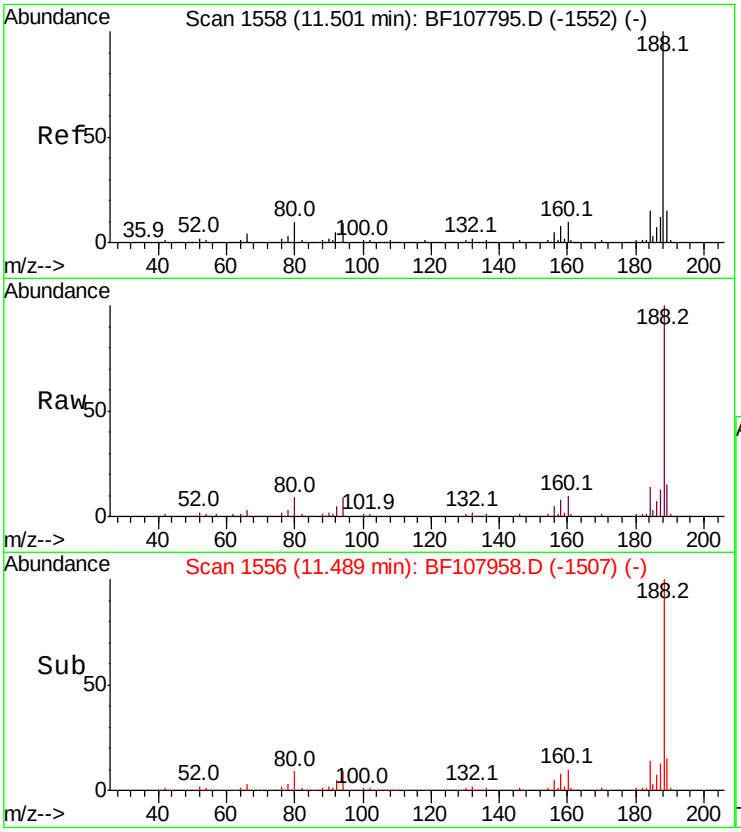


#56
2,4-Dinitrotoluene
Concen: 5.812 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:165 Resp: 26667

Ion	Ratio	Lower	Upper
165	100		
63	2.7	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



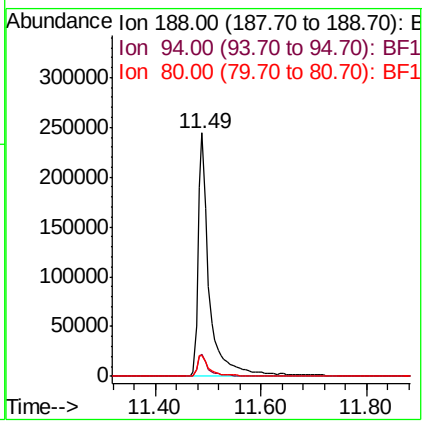


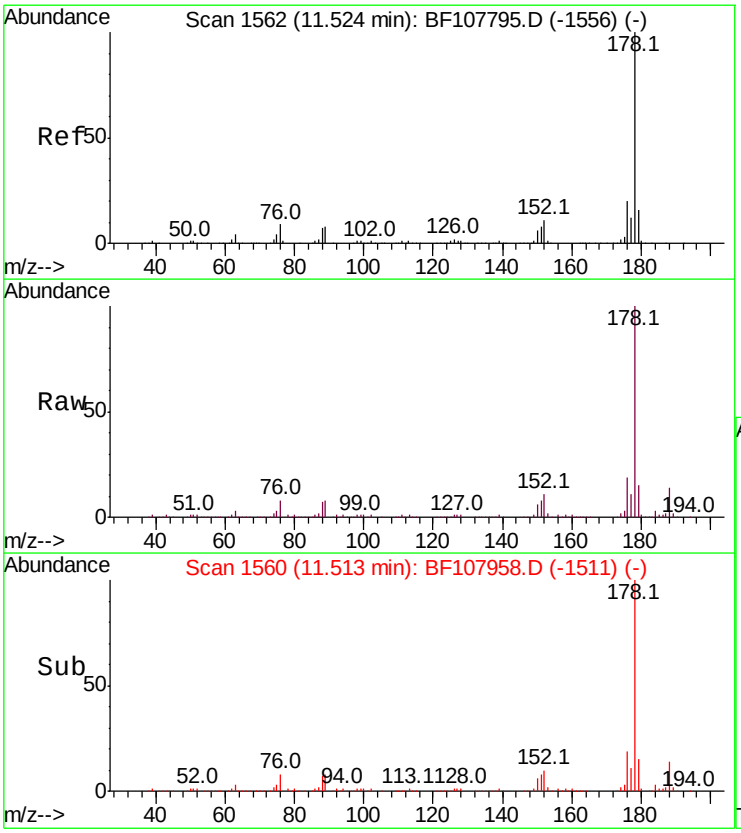
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 366029

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	8.7	9.2	13.8#

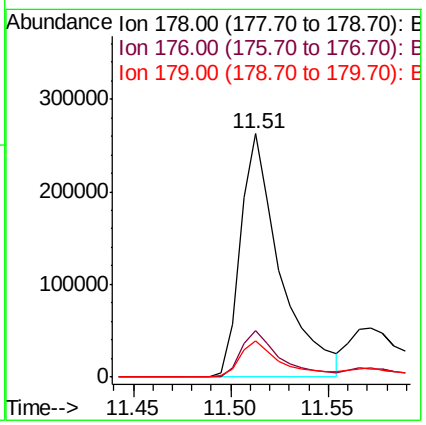


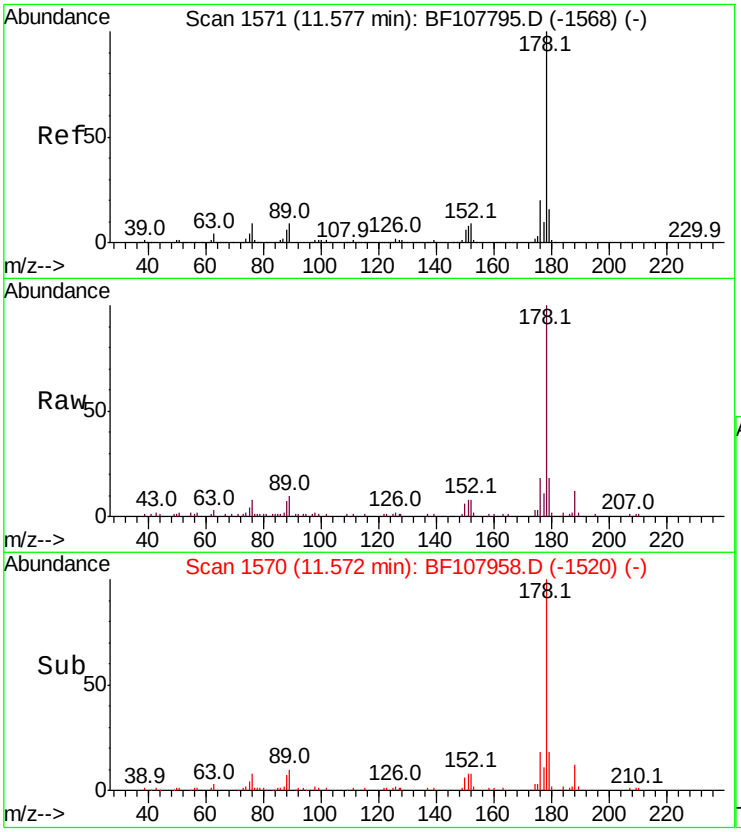


#70
Phenanthrene
Concen: 21.301 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:178 Resp: 370212

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.8	13.0	19.6



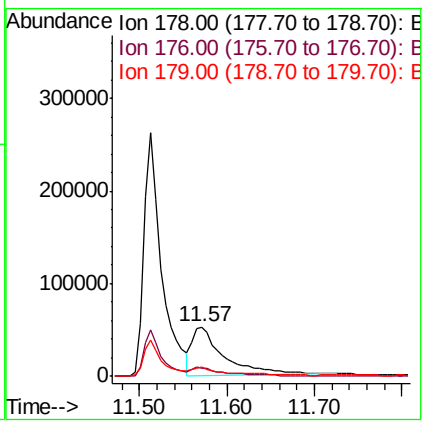


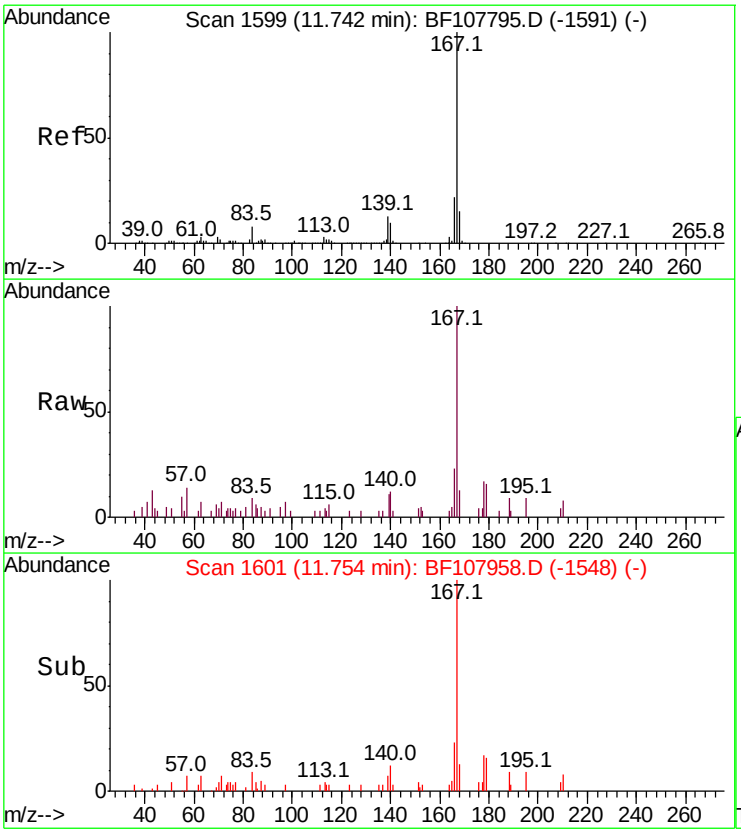
#71
Anthracene
Concen: 6.596 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 132238

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	17.9	12.6	19.0

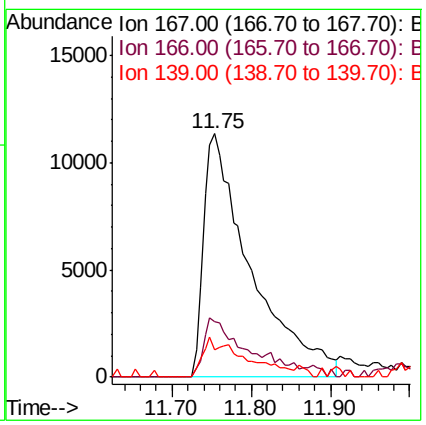


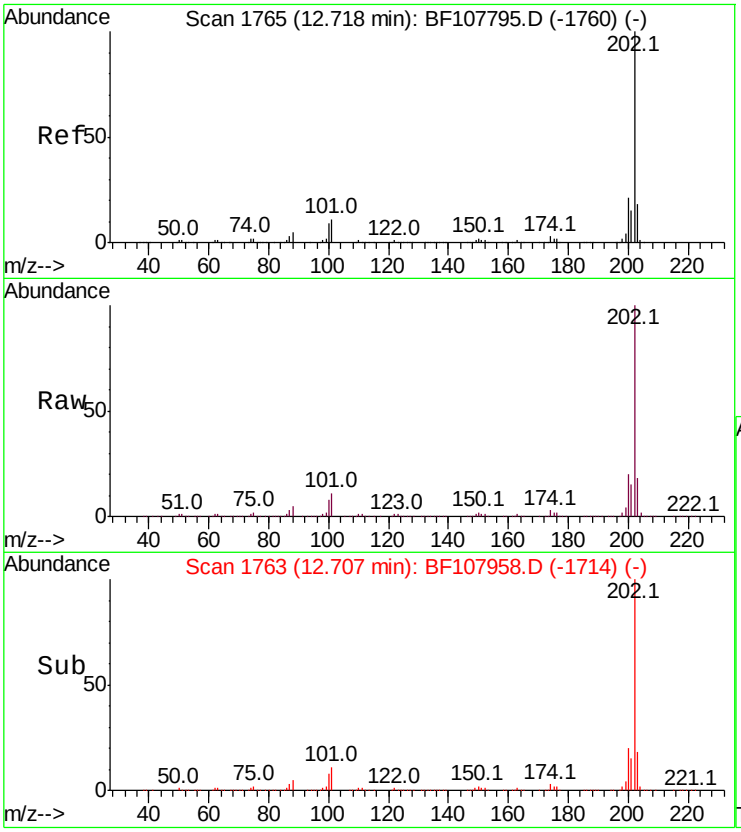


#72
Carbazole
Concen: 2.361 ng
RT: 11.75 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:167 Resp: 46771

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	10.9	10.9	16.3



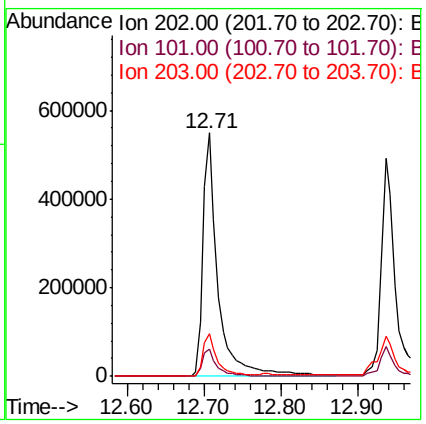


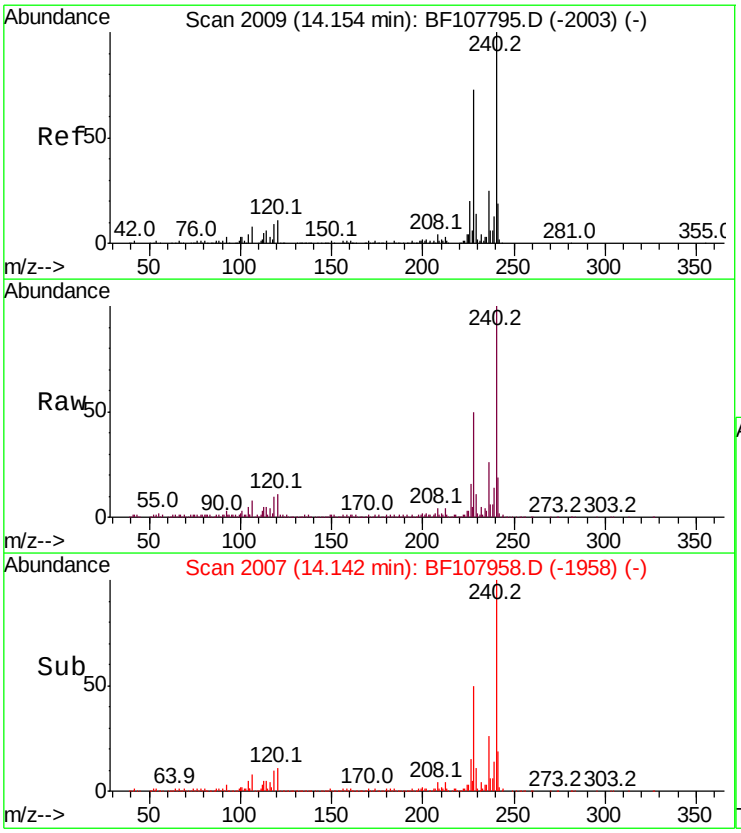
#74
Fluoranthene
Concen: 36.505 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 745368

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.7	0.0	38.1

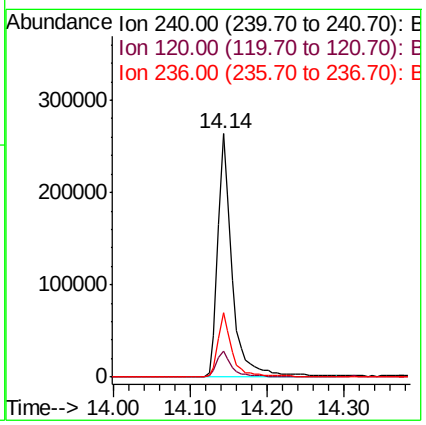


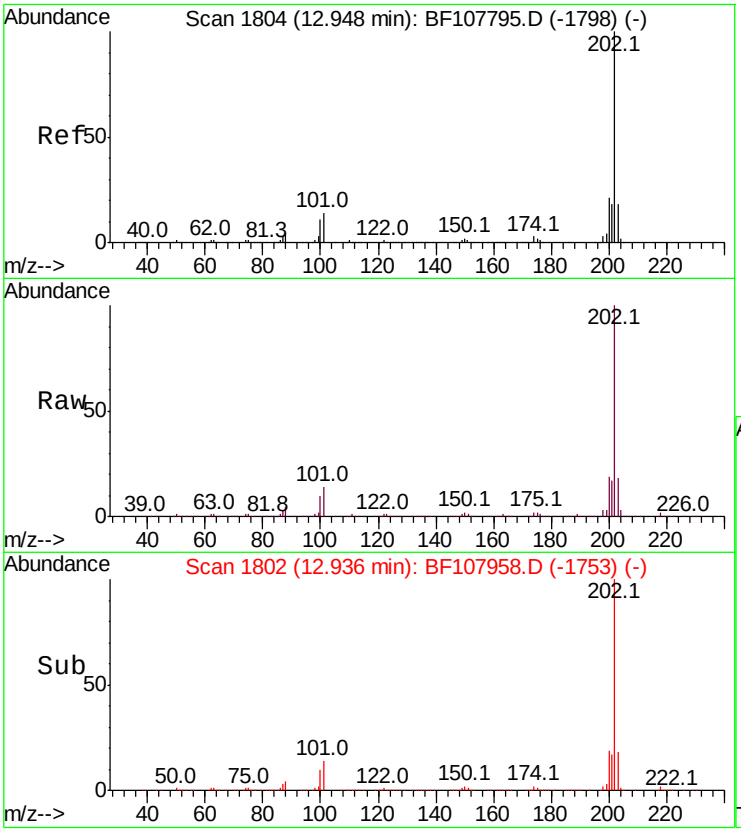


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:240 Resp: 343001

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.4	20.7	31.1



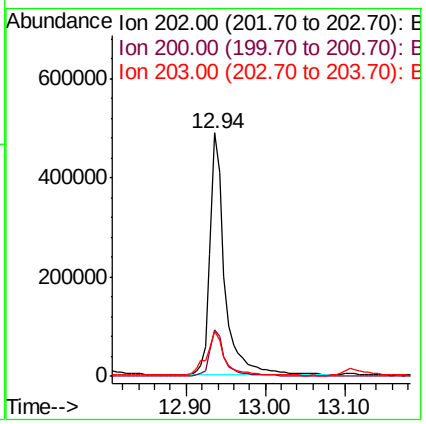


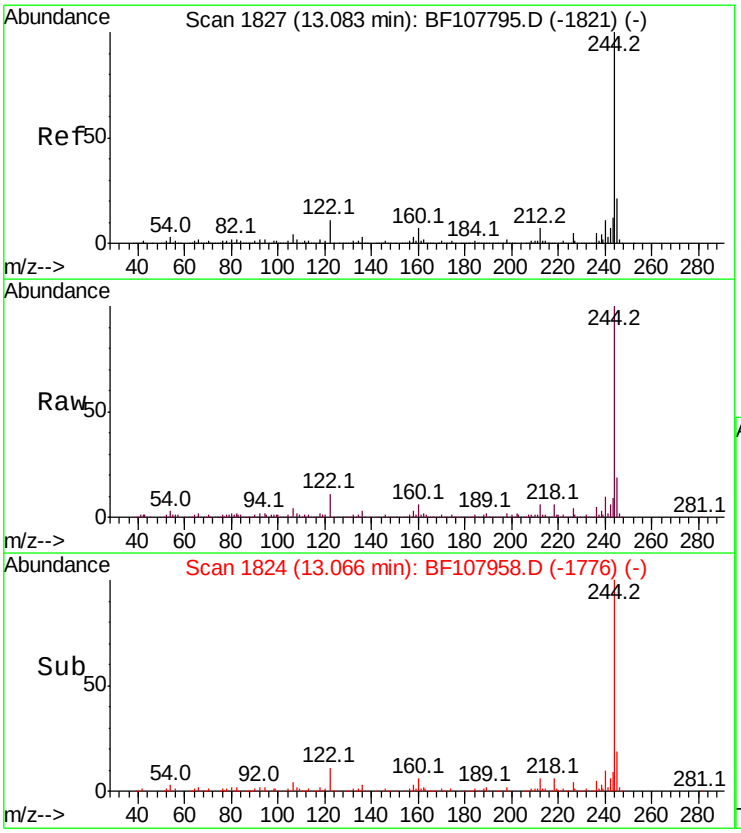
#77
Pyrene
Concen: 25.700 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 634759

Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.4	26.2
203	18.4	14.3	21.5

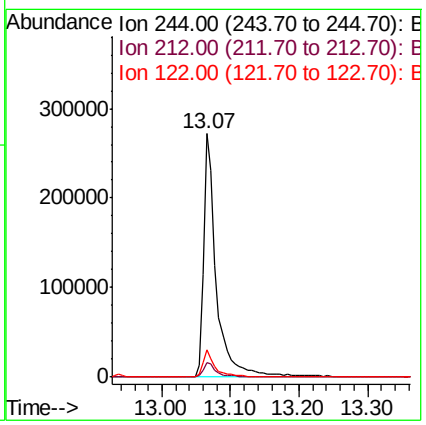


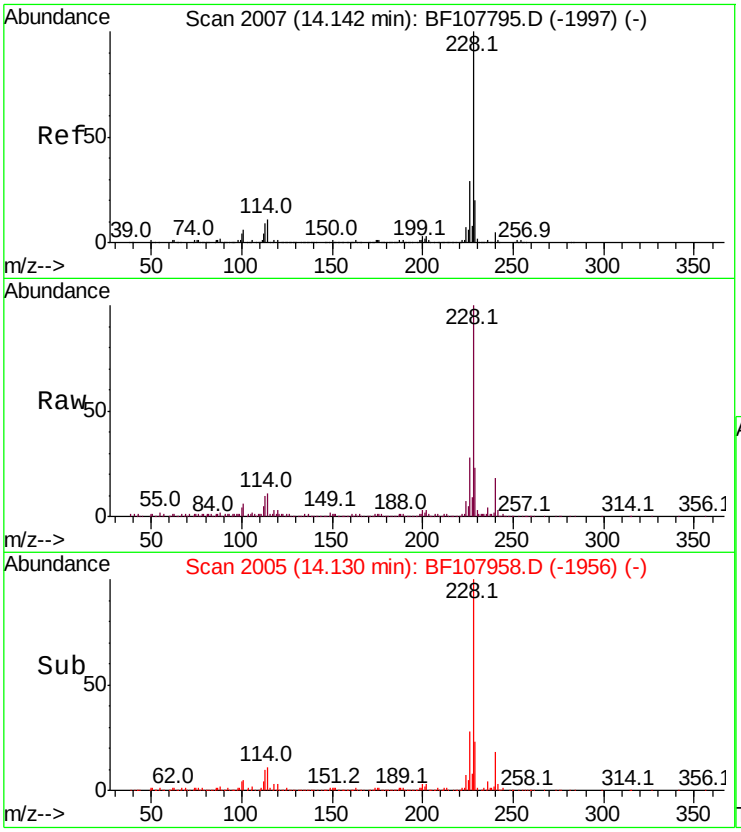


#78
Terphenyl-d14
Concen: 22.746 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:244 Resp: 359795

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	11.1	11.0	16.4



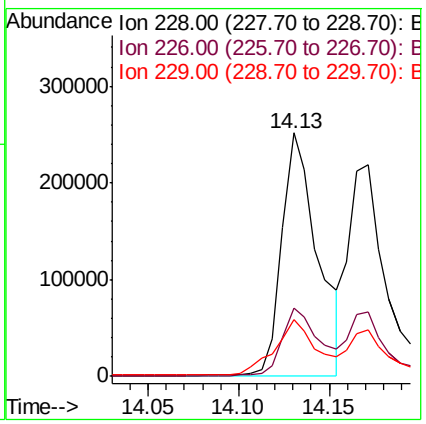


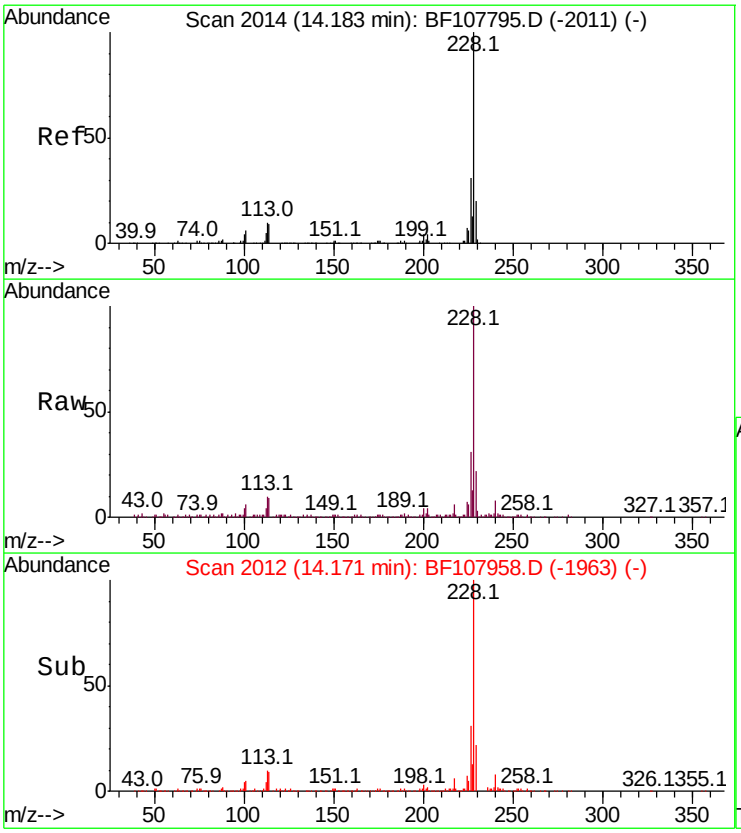
#80
Benzo(a)anthracene
Concen: 17.883 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 347459

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	23.5	15.8	23.6

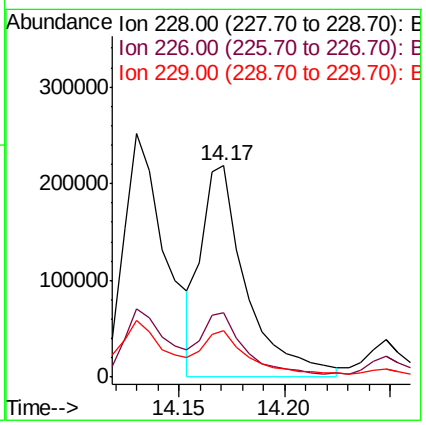


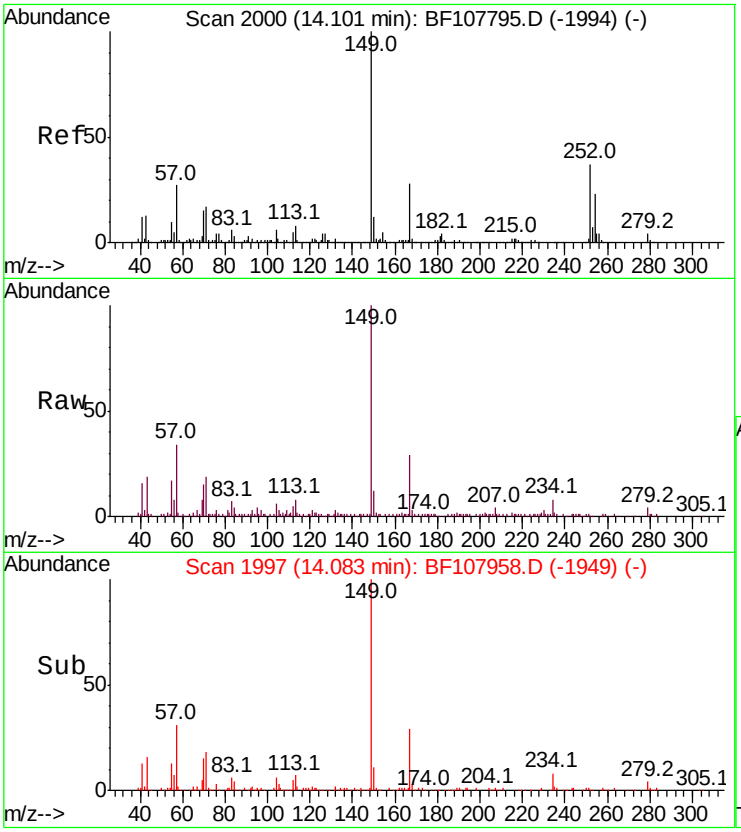


#82
Chrysene
Concen: 15.318 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:228 Resp: 321017

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.1	16.2	24.4



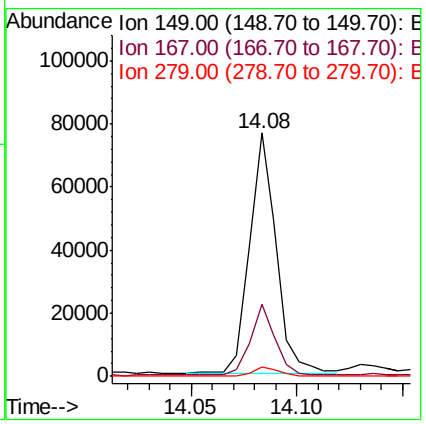


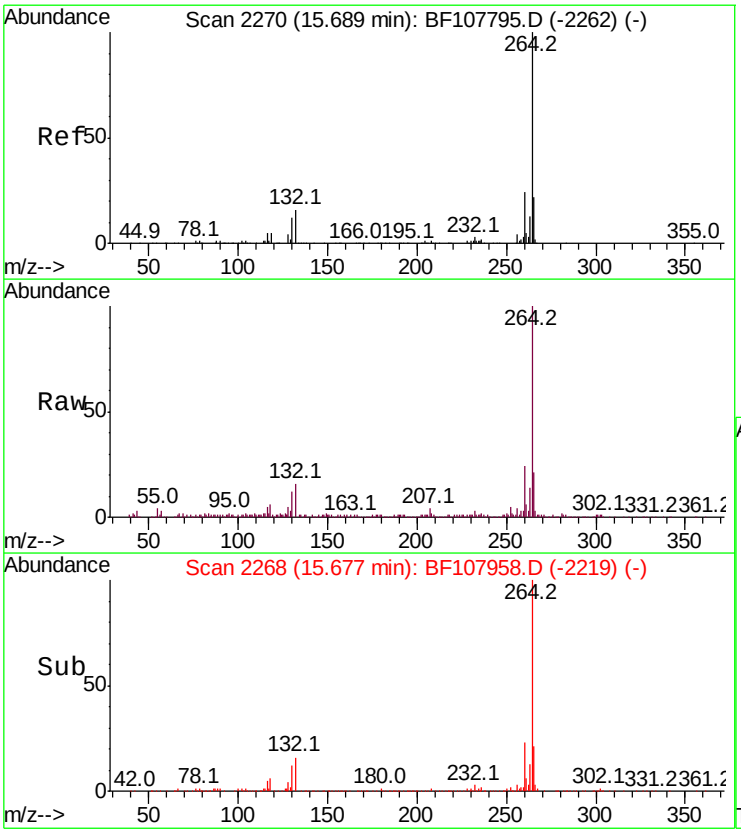
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.917 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 66864

Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.3	31.9
279	3.7	3.0	4.4

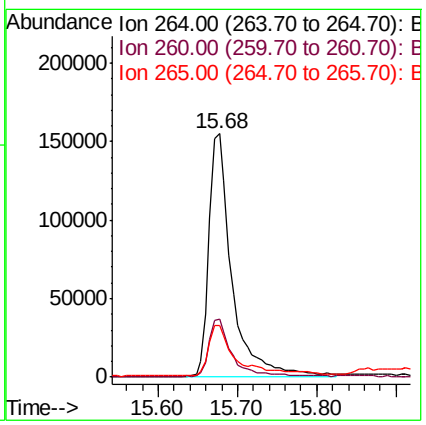


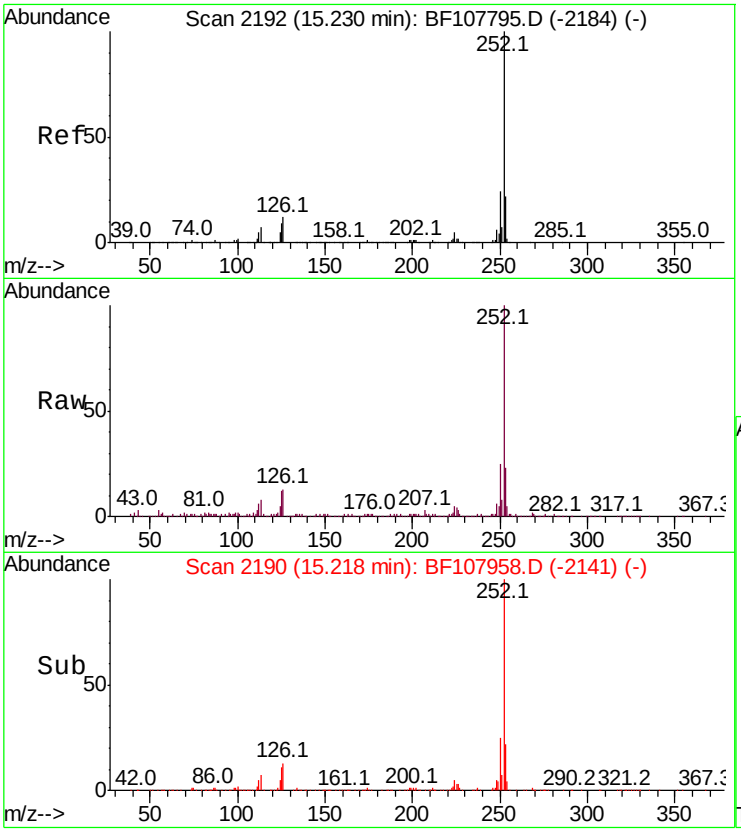


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:264 Resp: 310081

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3



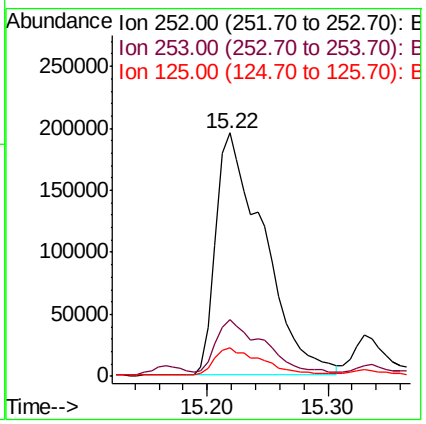


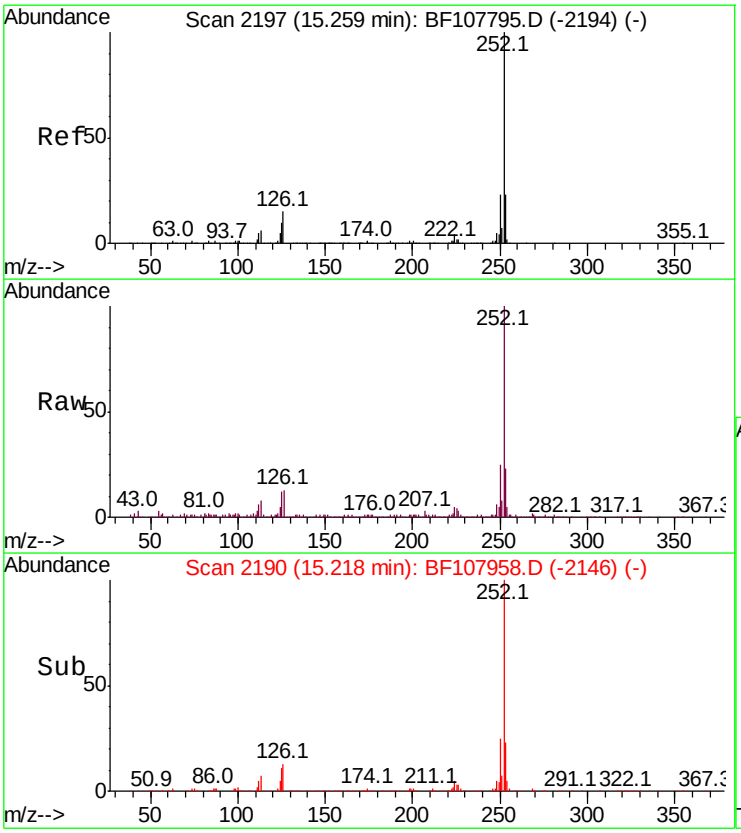
#87
Benzo(b)fluoranthene
Concen: 35.419 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 541666

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.7	9.0	13.6

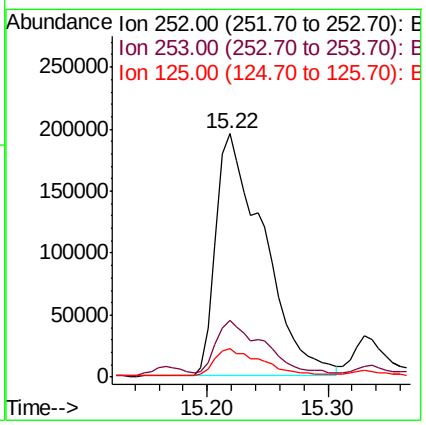


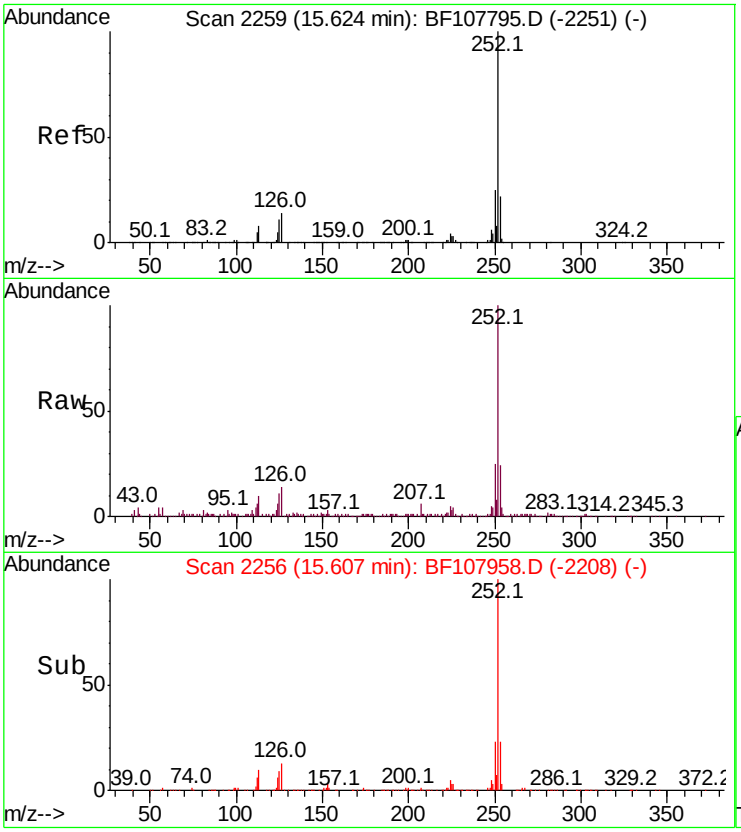


#88
Benzo(k)fluoranthene
Concen: 28.849 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:252 Resp: 541666

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.7	10.2	15.2



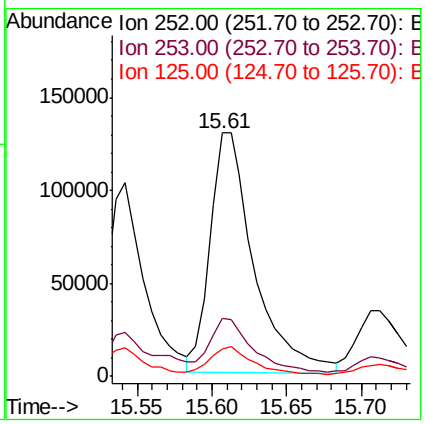


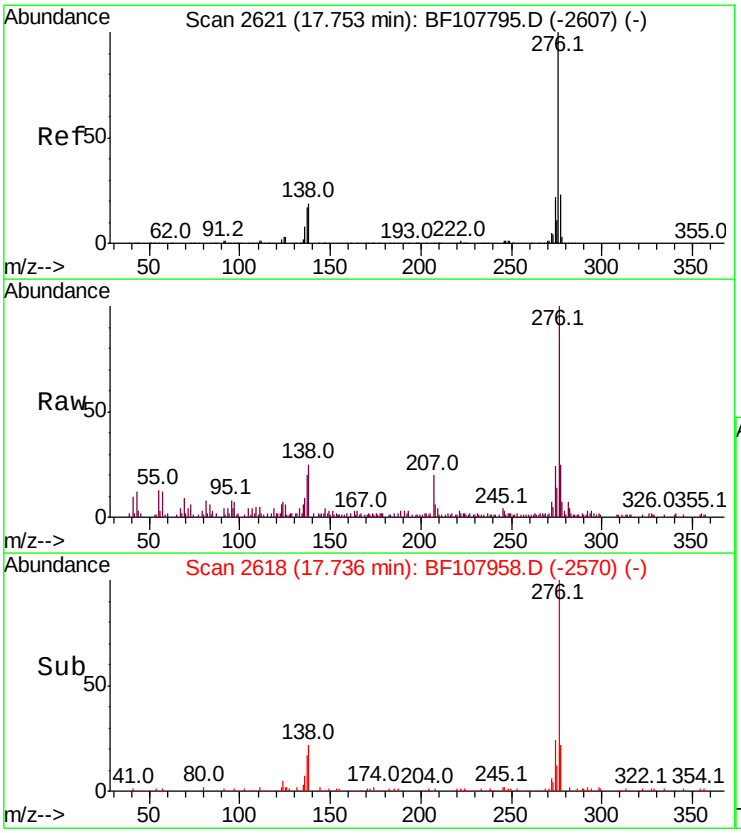
#89
Benzo(a)pyrene
Concen: 16.909 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 266950

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.930 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:276 Resp: 118993

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	24.7	21.8	32.8