Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107957.D
Acq On : 4 Aug 2018 00:04
Operator : JU/SJ
Sample : J4298-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 04:08:37 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	123475	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	556403	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	218889	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	375784	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	363656	20.00	ng		-0.01
86) Perylene-d12	15.68	264	339891	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	292151	40.21	ng		0.00
7) Phenol-d6	6.61	99	436385	45.58	ng		0.00
23) Nitrobenzene-d5	7.52	82	288523	29.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	108465	36.47	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	607986	38.71	ng		-0.02
78) Terphenyl-d14	13.07	244	490513	29.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	1385	6.151	ng	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	28605	4.709	ng	#	78
25) Isophorone	7.52	82	288523	18.199	ng	#	64
49) Dimethylphthalate	9.70	163	76678	4.664	ng		98
50) 2,6-Dinitrotoluene	9.99	165	26258	7.350	ng	#	26
55) 4-Nitrophenol	10.21	139	2617	10.404	ng	#	9
56) 2,4-Dinitrotoluene	9.99	165	27068	5.765	ng	#	24
70) Phenanthrene	11.51	178	206124	11.552	ng		98
71) Anthracene	11.57	178	66708	3.241	ng		96
74) Fluoranthene	12.71	202	488528	23.305	ng		96
77) Pyrene	12.94	202	433789	16.566	ng		97
80) Benzo(a)anthracene	14.13	228	233684	11.344	ng		98
82) Chrysene	14.17	228	223989	10.081	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	124540	8.639	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	95425	5.646	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	400443	23.888	ng		99
88) Benzo(k)fluoranthene	15.22	252	400443	19.457	ng		97
89) Benzo(a)pyrene	15.61	252	190820	11.026	ng		96
91) Benzo(g,h,i)perylene	17.74	276	90706	6.210	ng		94

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

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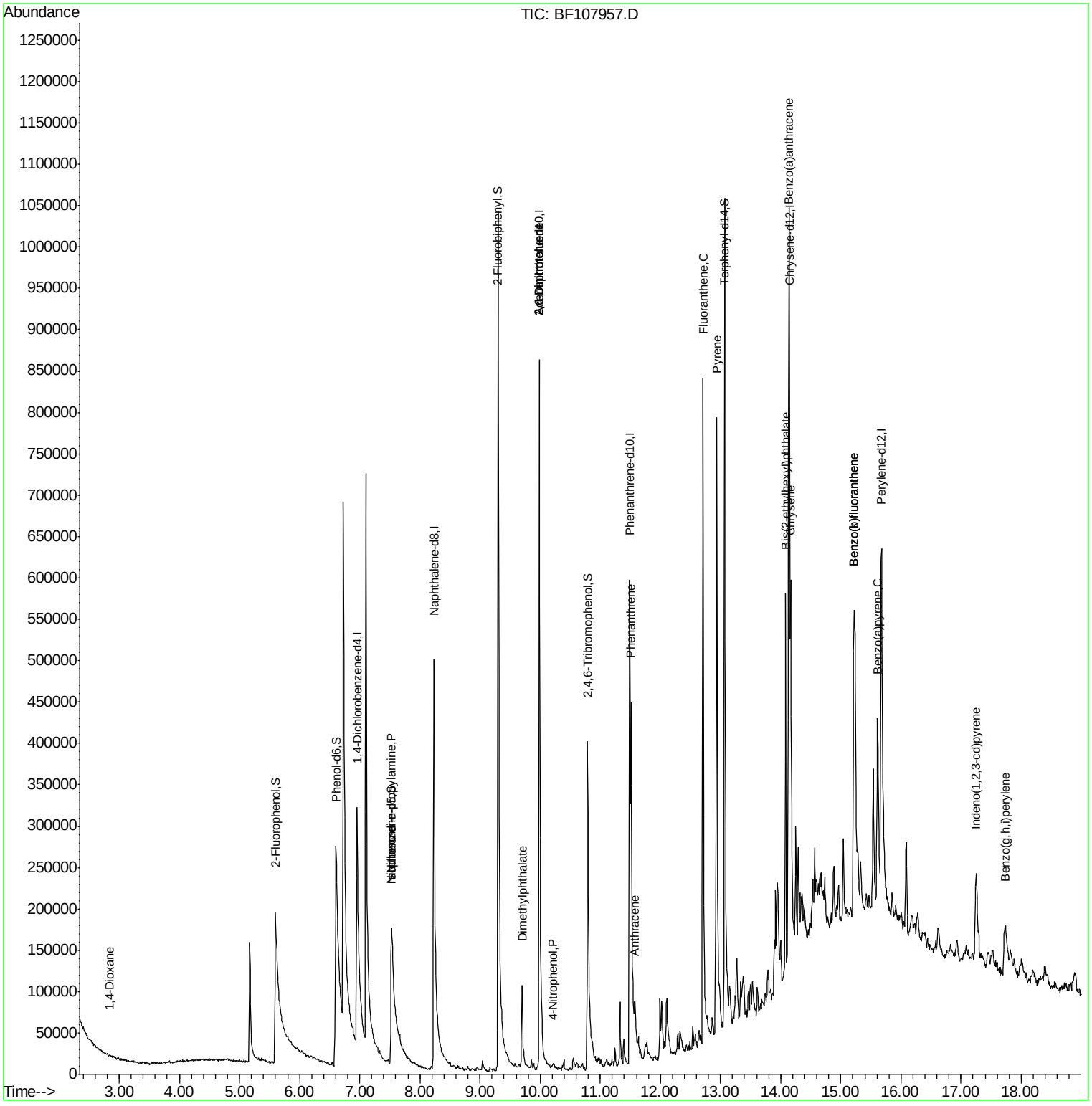
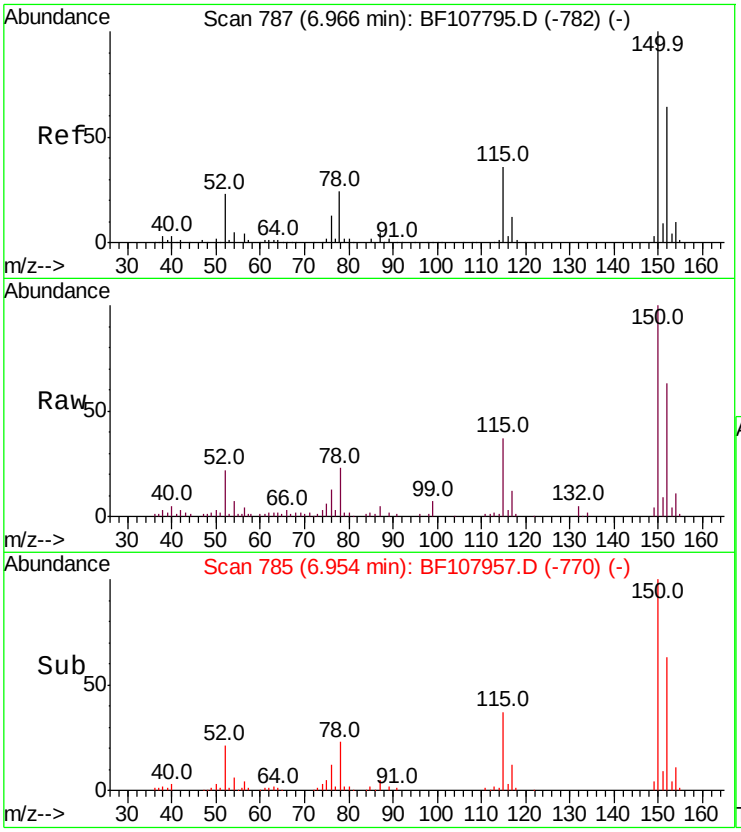


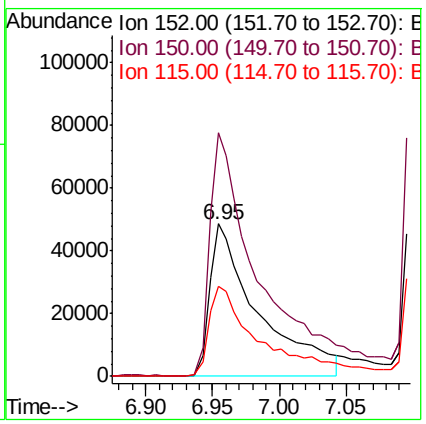


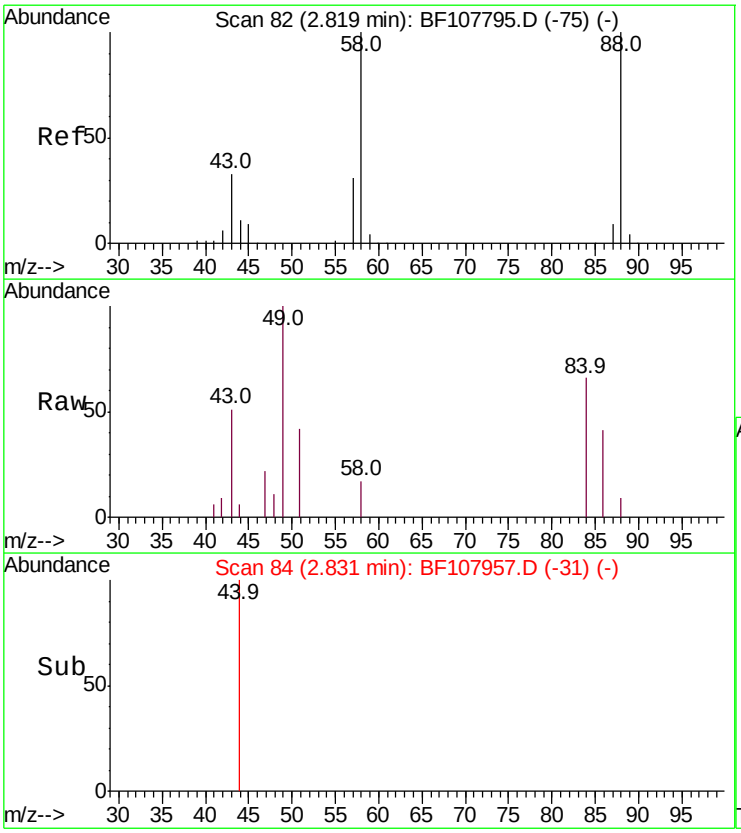
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123475

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	59.2	50.1	75.1

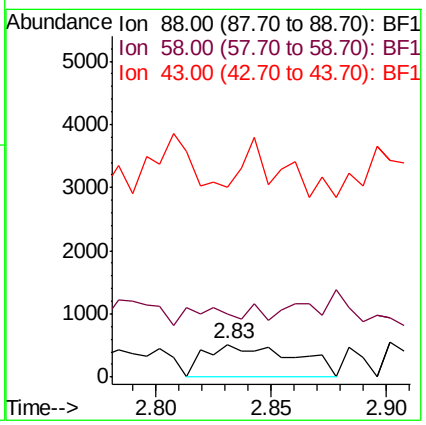


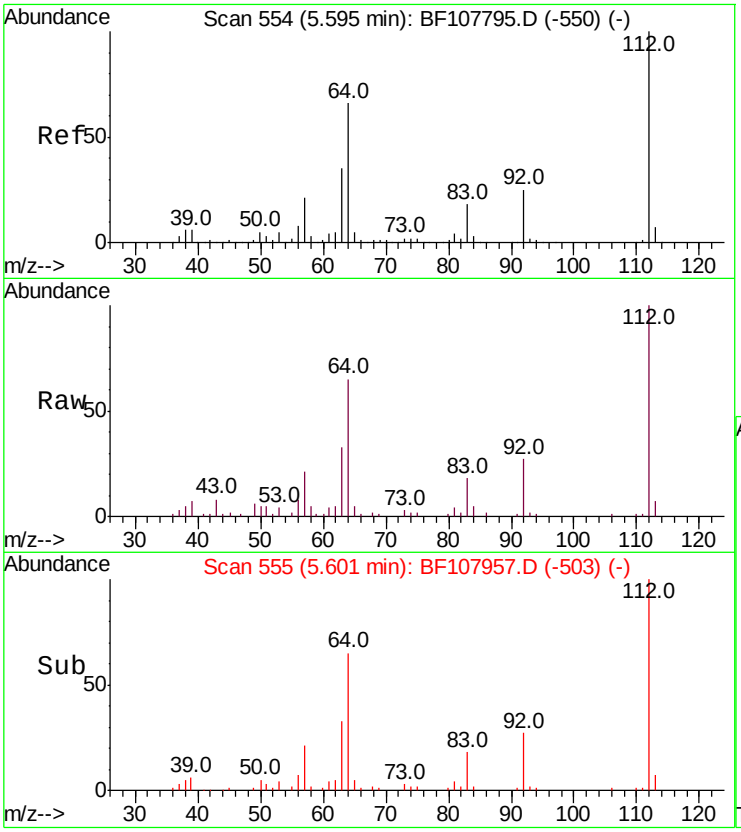


#2
1,4-Dioxane
Concen: 6.151 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion: 88 Resp: 1385

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	100.1	24.6	37.0#



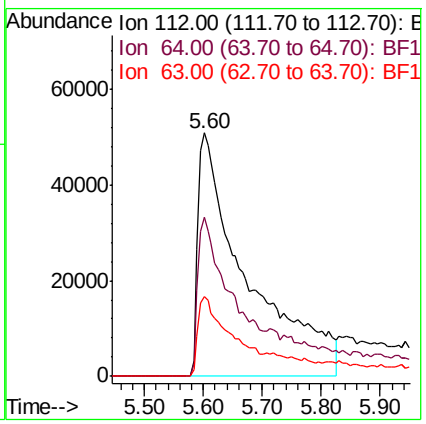


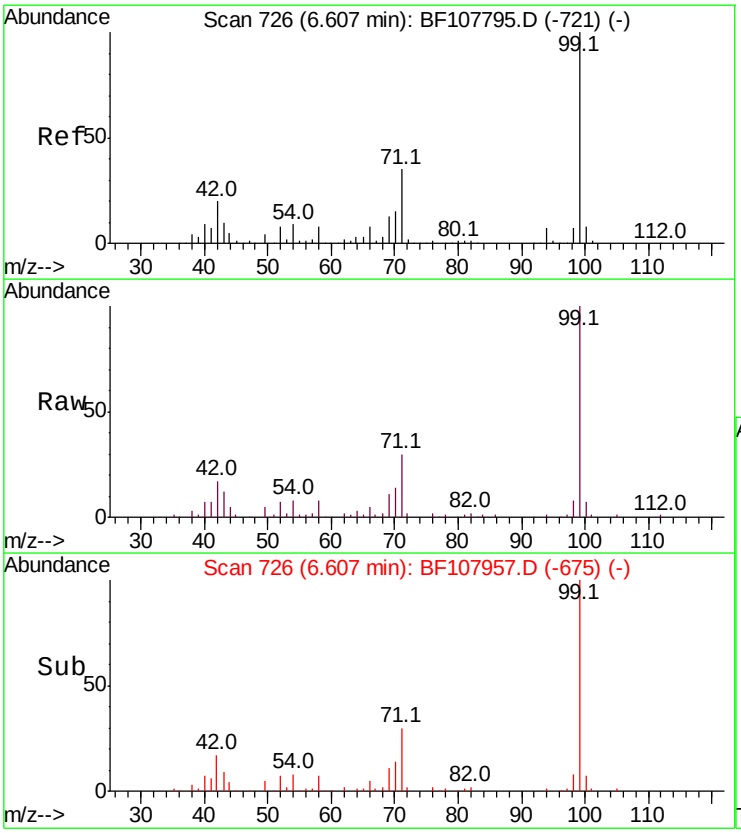
#5
2-Fluorophenol
Concen: 40.213 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 292151

Ion	Ratio	Lower	Upper
112	100		
64	65.1	47.9	71.9
63	32.5	23.7	35.5

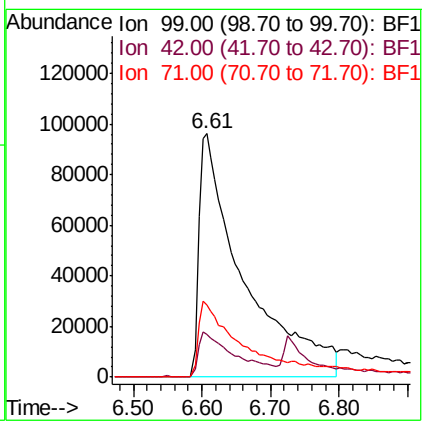


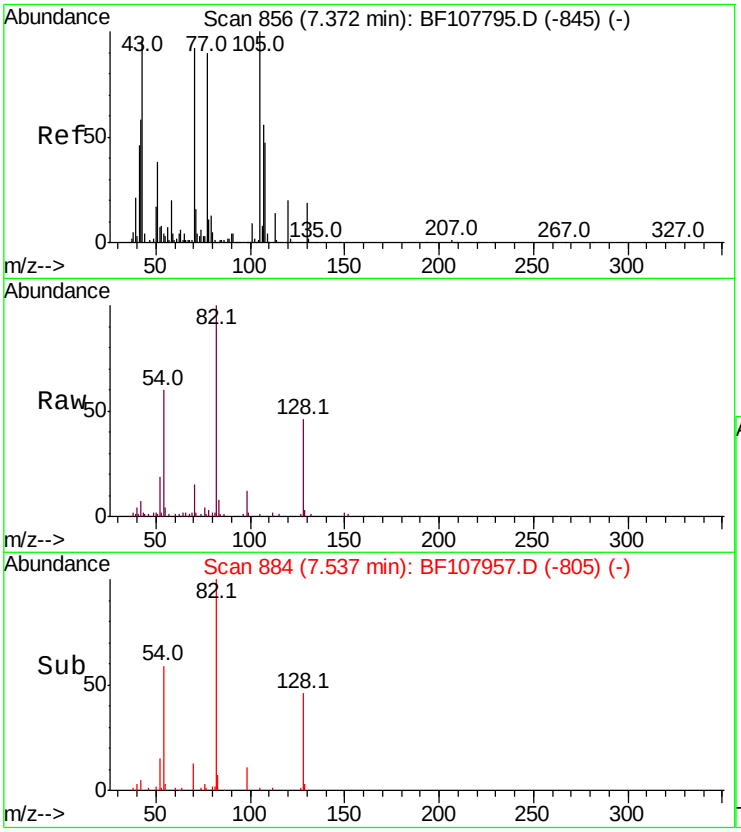


#7
Phenol-d6
Concen: 45.575 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion: 99 Resp: 436385

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	29.6	25.4	38.0



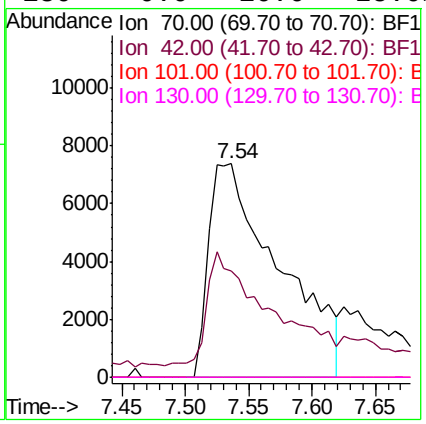


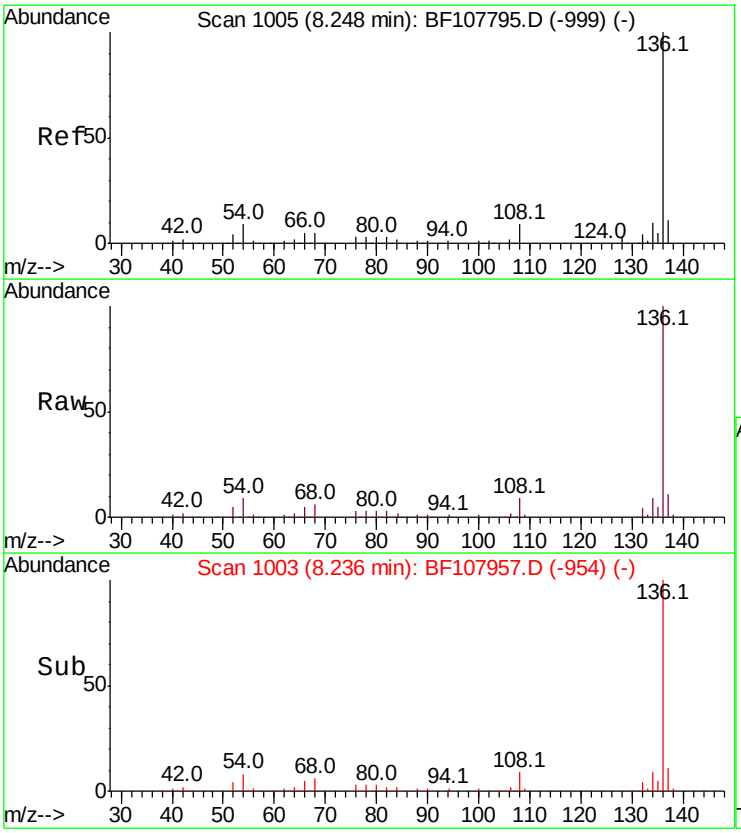
#19
n-Nitroso-di-n-propylamine
Concen: 4.709 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.16 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 28605

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

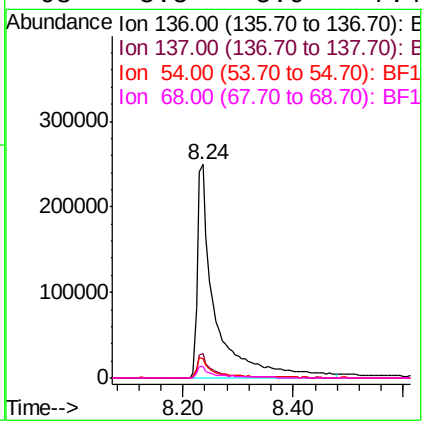


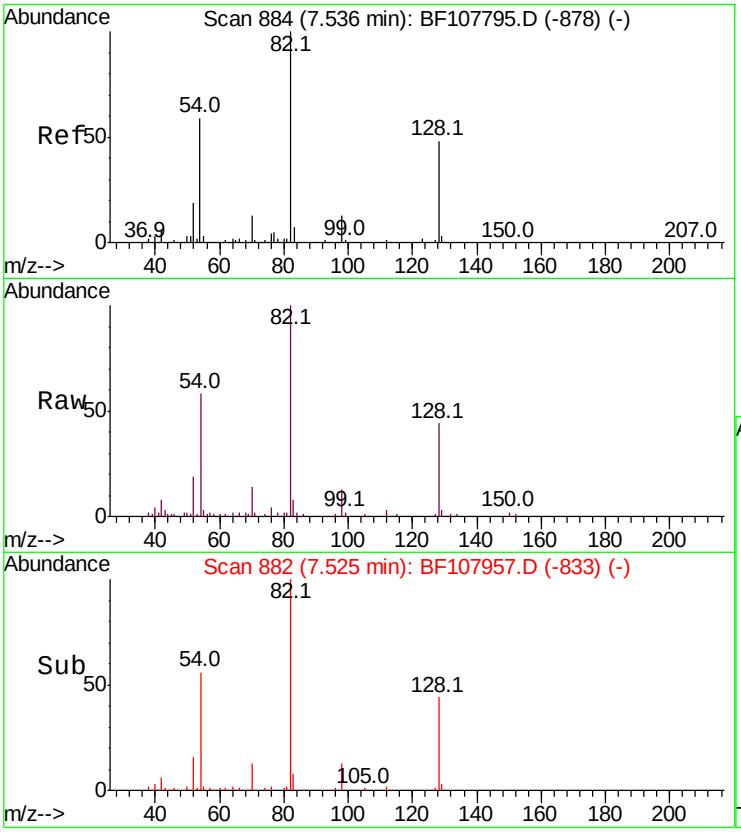


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:136 Resp: 556403

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.9	6.6	9.8
68	5.5	5.0	7.4



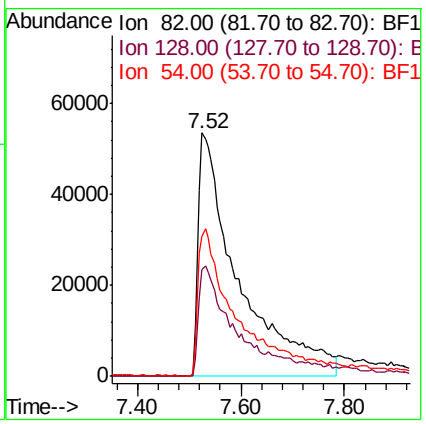


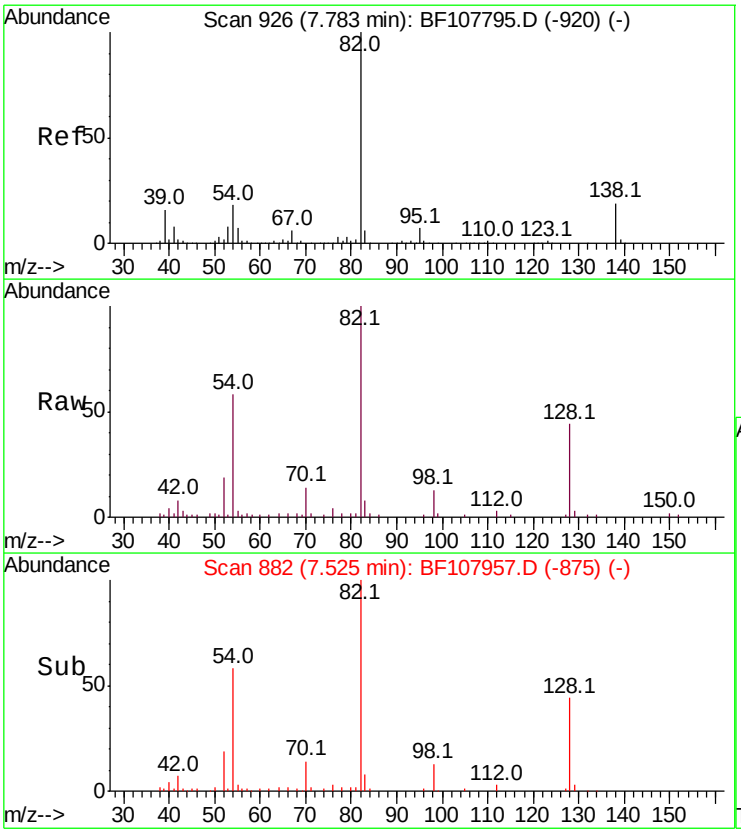
#23
Nitrobenzene-d5
Concen: 29.874 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 288523

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	57.6	41.4	62.2

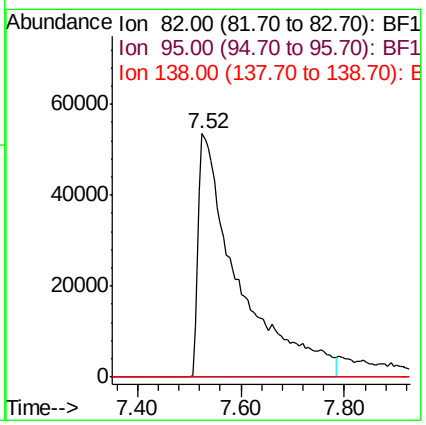


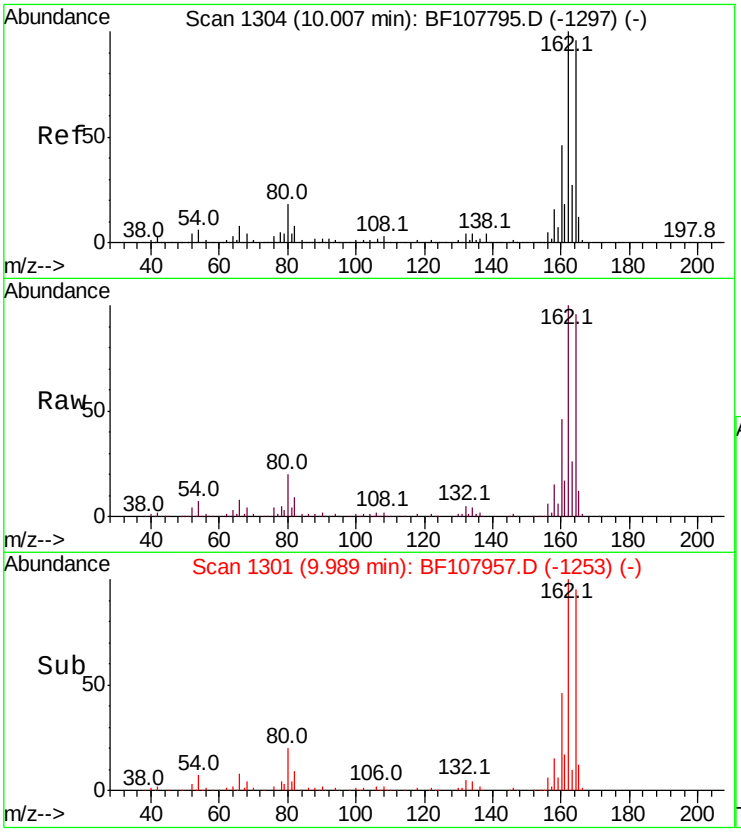


#25
Isophorone
Concen: 18.199 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion: 82 Resp: 288523

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



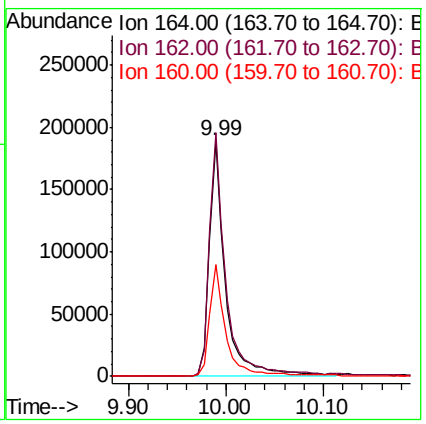


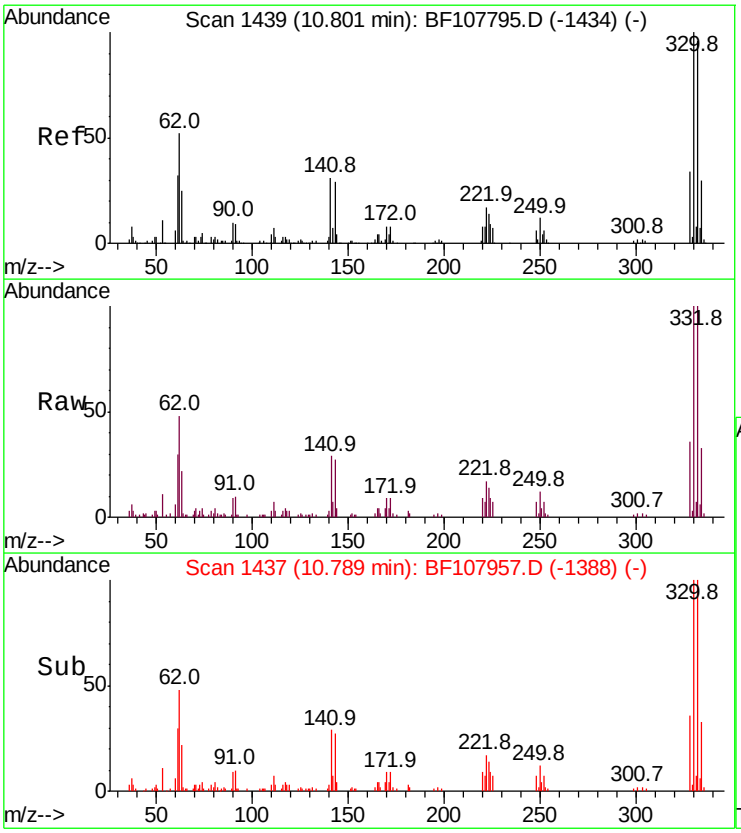
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 218889

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.5	38.3	57.5

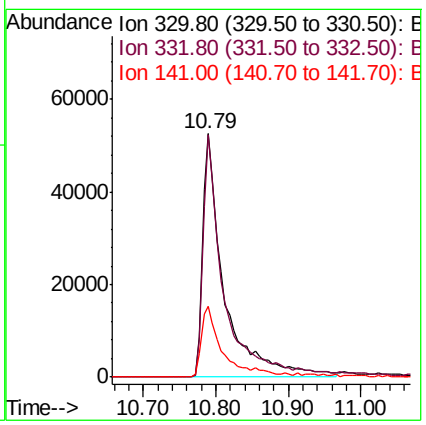


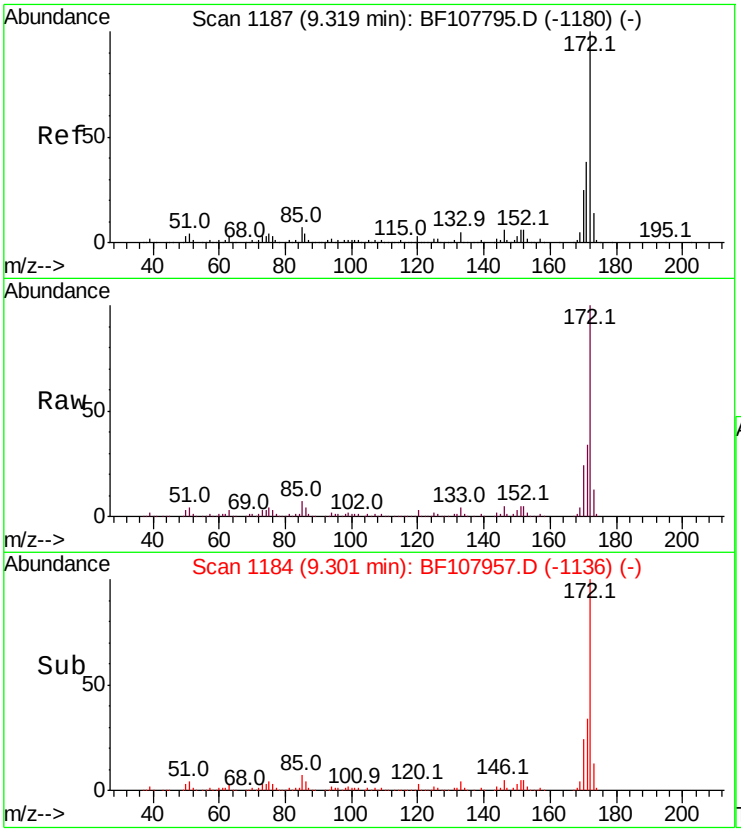


#41
2,4,6-Tribromophenol
Concen: 36.468 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:330 Resp: 108465

Ion	Ratio	Lower	Upper
330	100		
332	92.5	77.0	115.6
141	28.5	29.9	44.9#



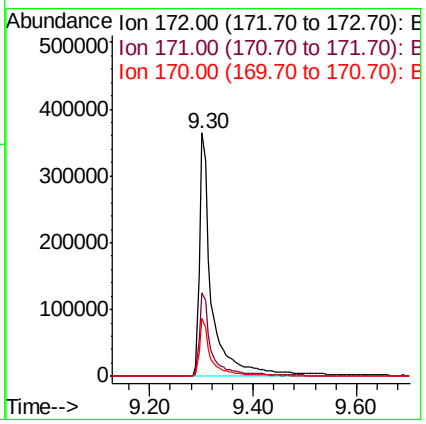


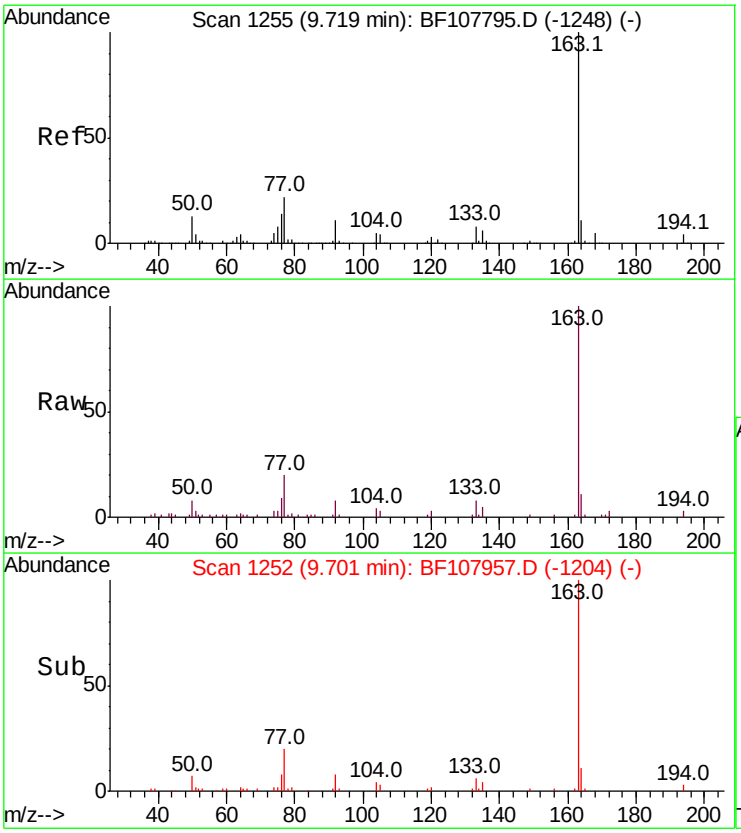
#44
2-Fluorobiphenyl
Concen: 38.706 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 607986

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.8	19.6	29.4

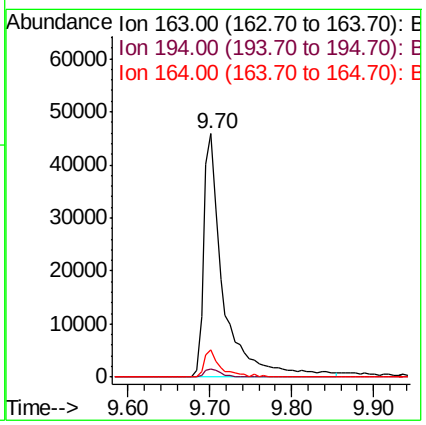


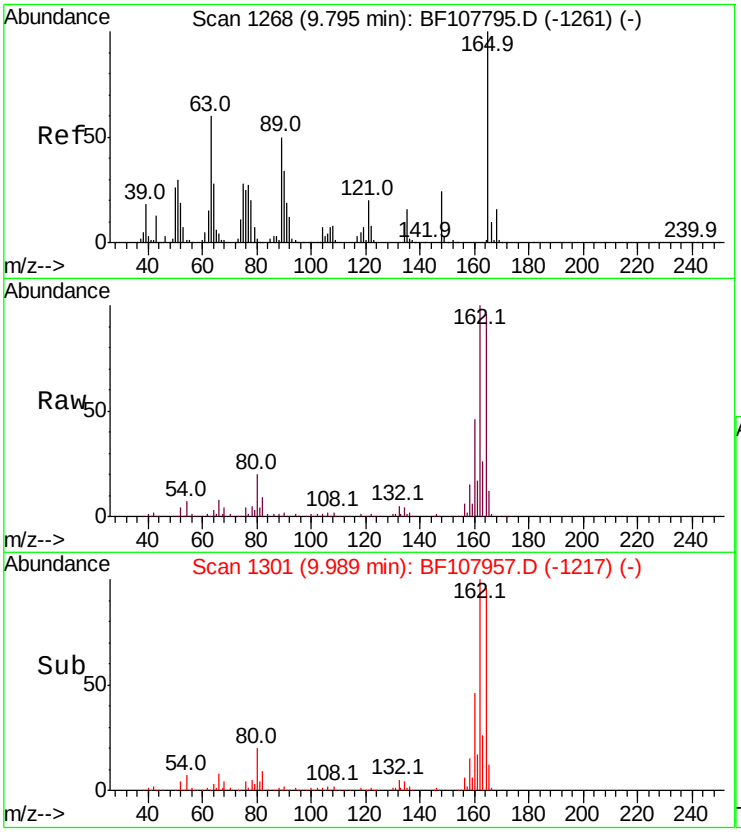


#49
Dimethylphthalate
Concen: 4.664 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:163 Resp: 76678

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.1	8.2	12.2



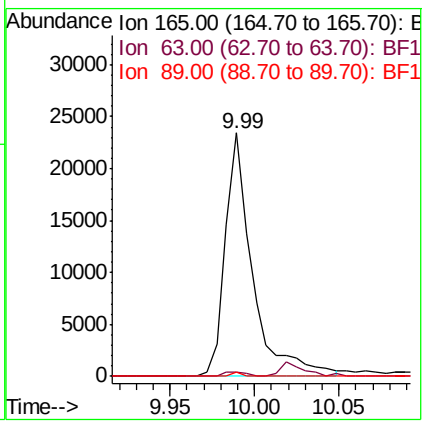


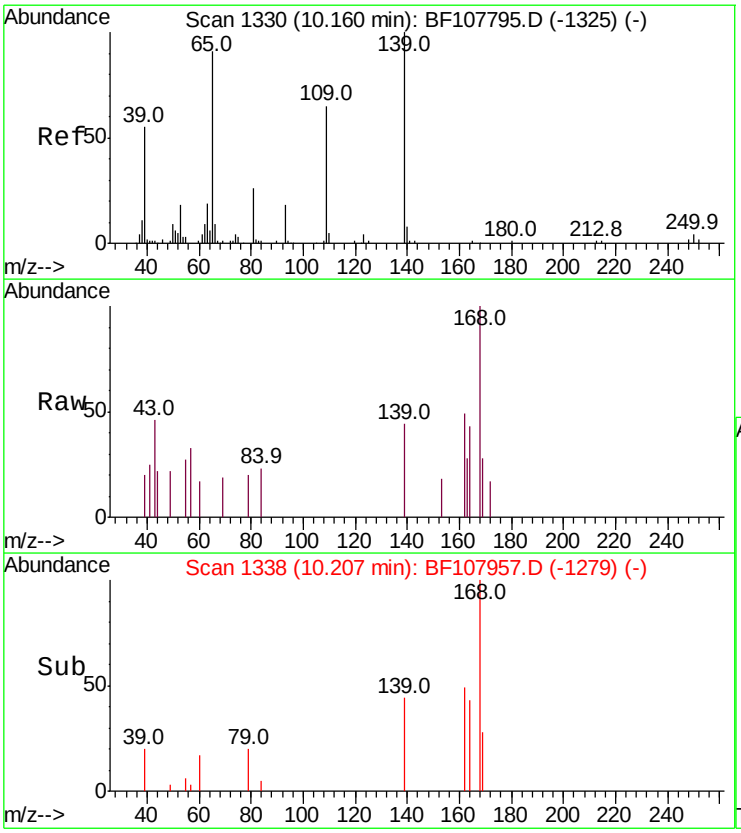
#50
2,6-Dinitrotoluene
Concen: 7.350 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26258

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.6	44.0	66.0#

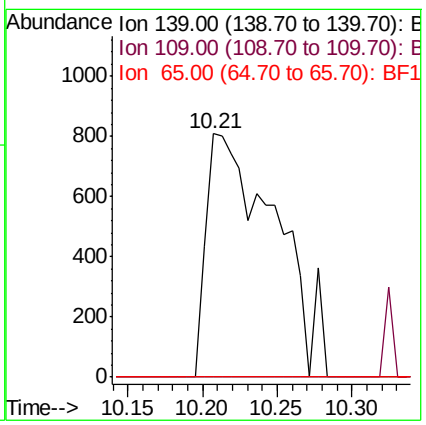


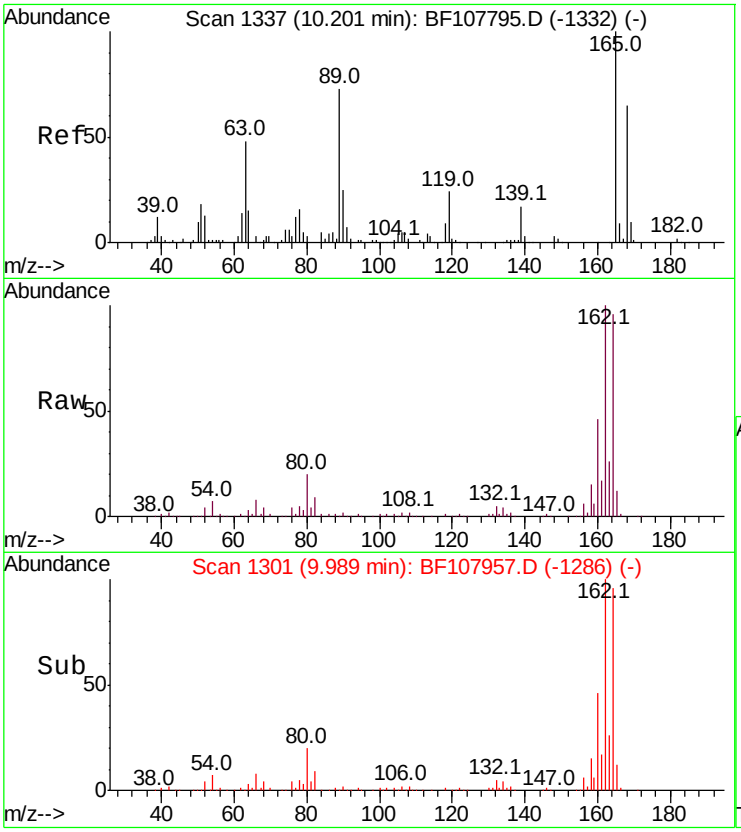


#55
4-Nitrophenol
Concen: 10.404 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.05 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:139 Resp: 2617

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



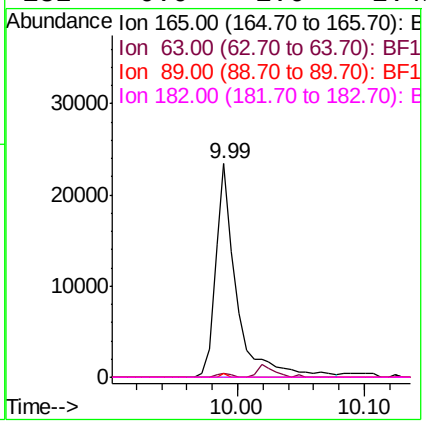


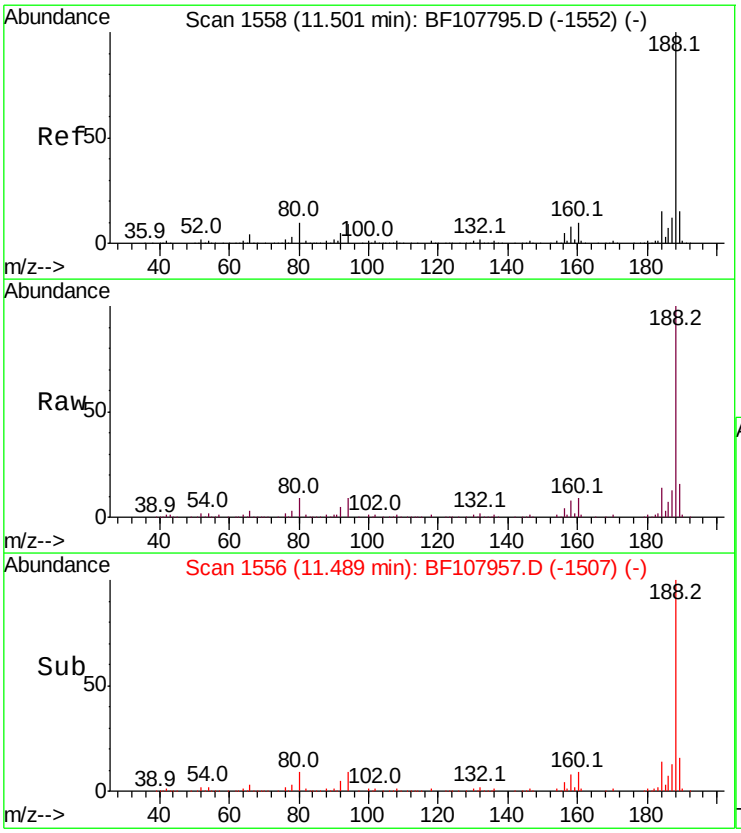
#56
2,4-Dinitrotoluene
Concen: 5.765 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27068

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

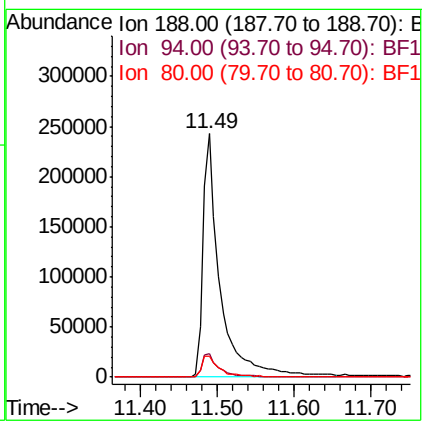


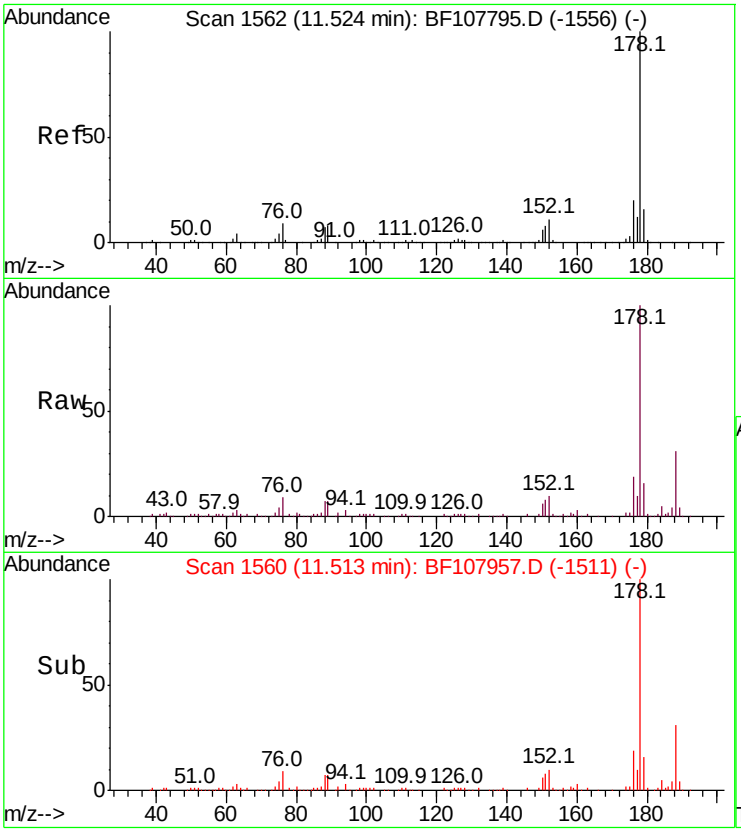


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:188 Resp: 375784

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	8.7	9.2	13.8#



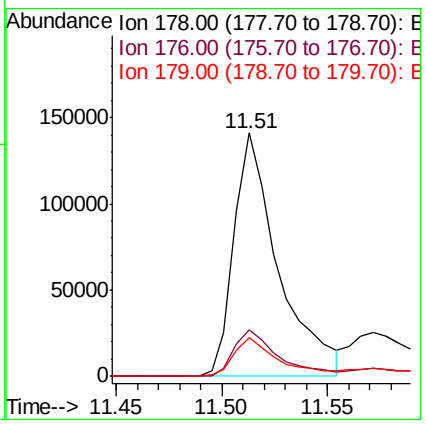


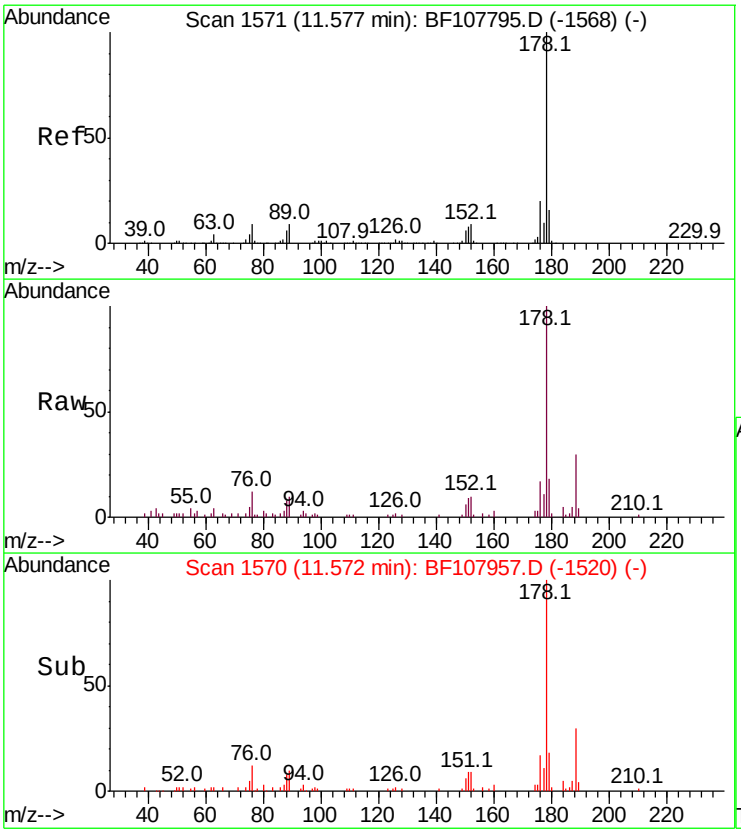
#70
Phenanthrene
Concen: 11.552 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 206124

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.7	13.0	19.6

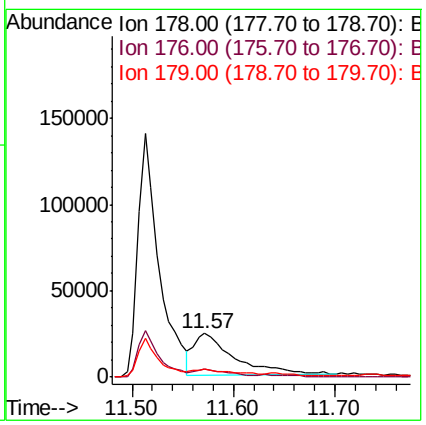


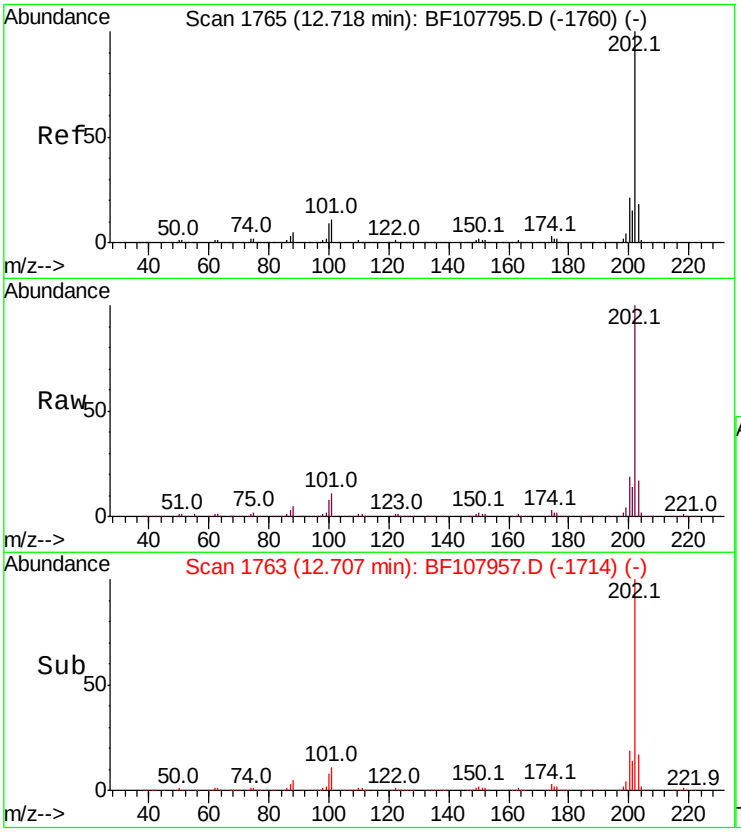


#71
Anthracene
Concen: 3.241 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:178 Resp: 66708

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	17.6	12.6	19.0



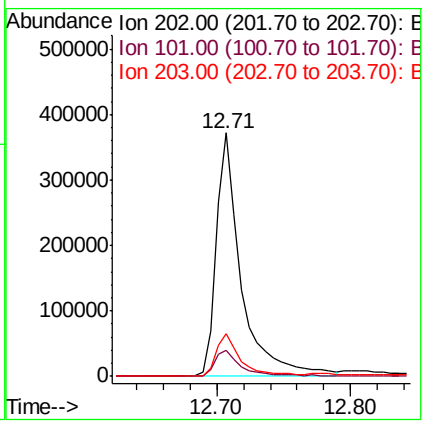


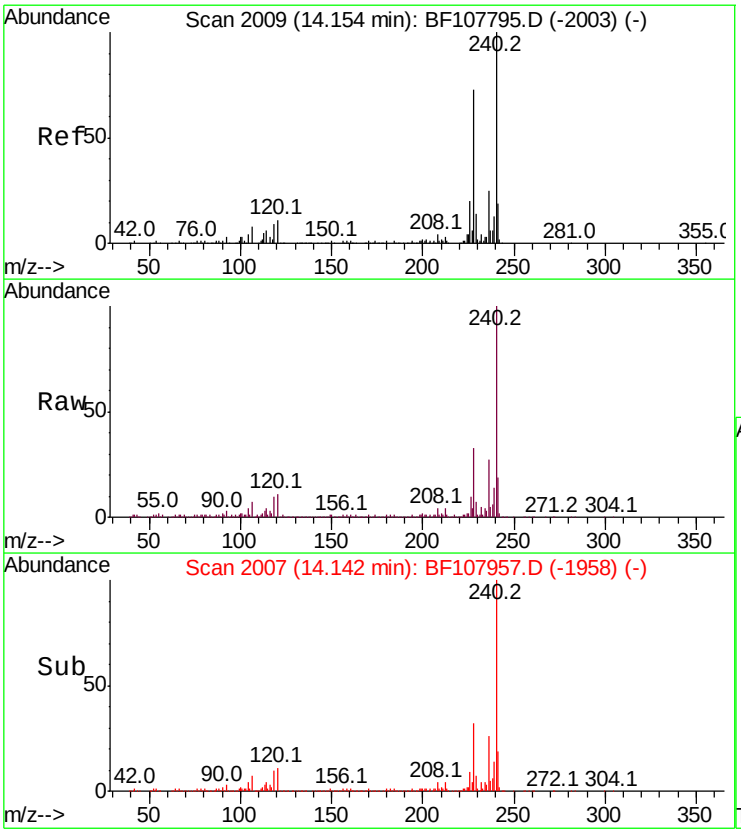
#74
Fluoranthene
Concen: 23.305 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 488528

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.4	0.0	38.1

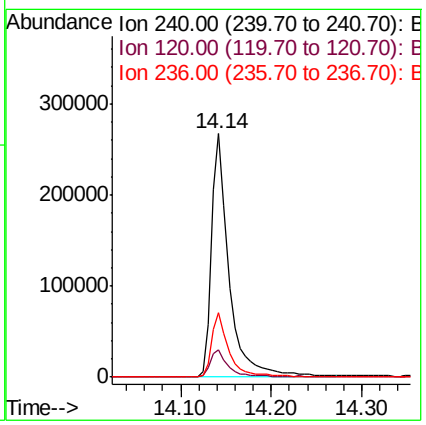


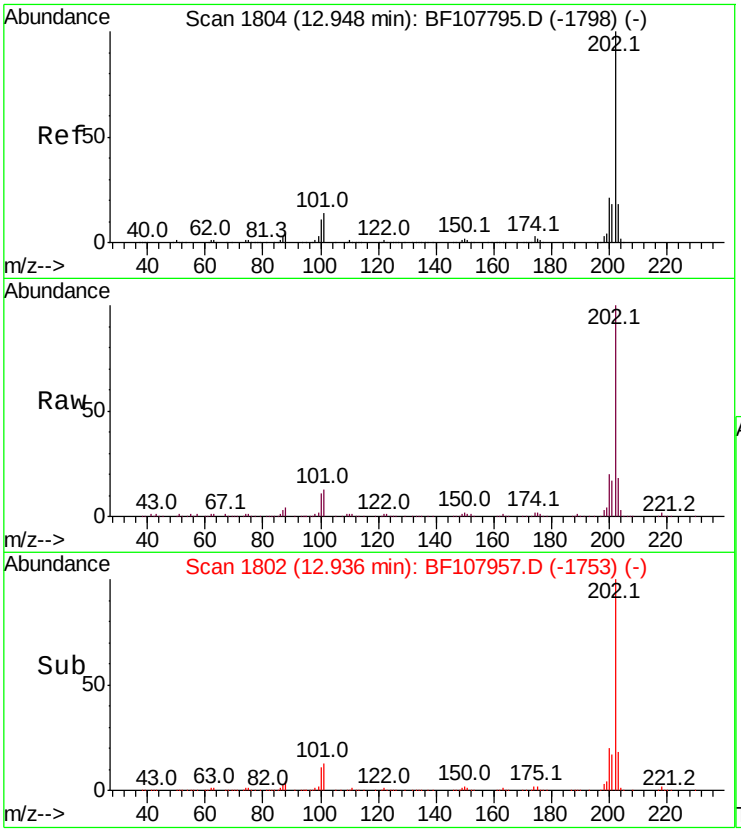


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:240 Resp: 363656

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.6	20.7	31.1



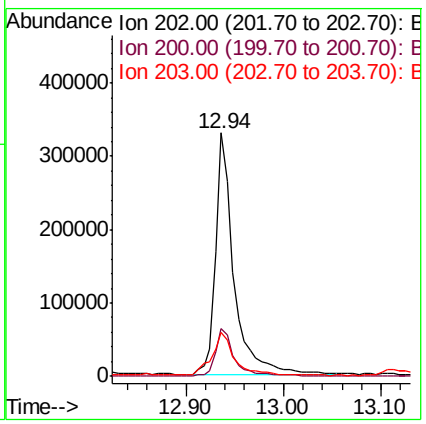


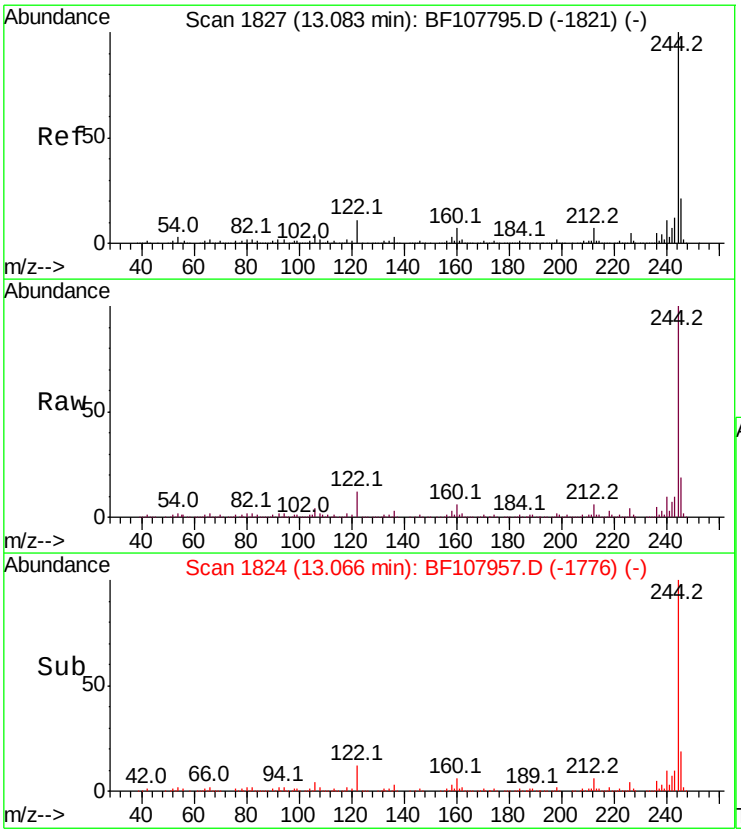
#77
Pyrene
Concen: 16.566 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 433789

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	18.2	14.3	21.5

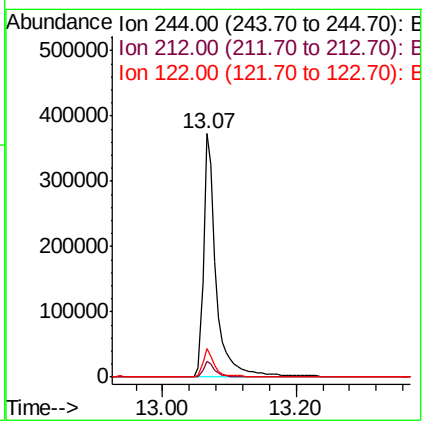


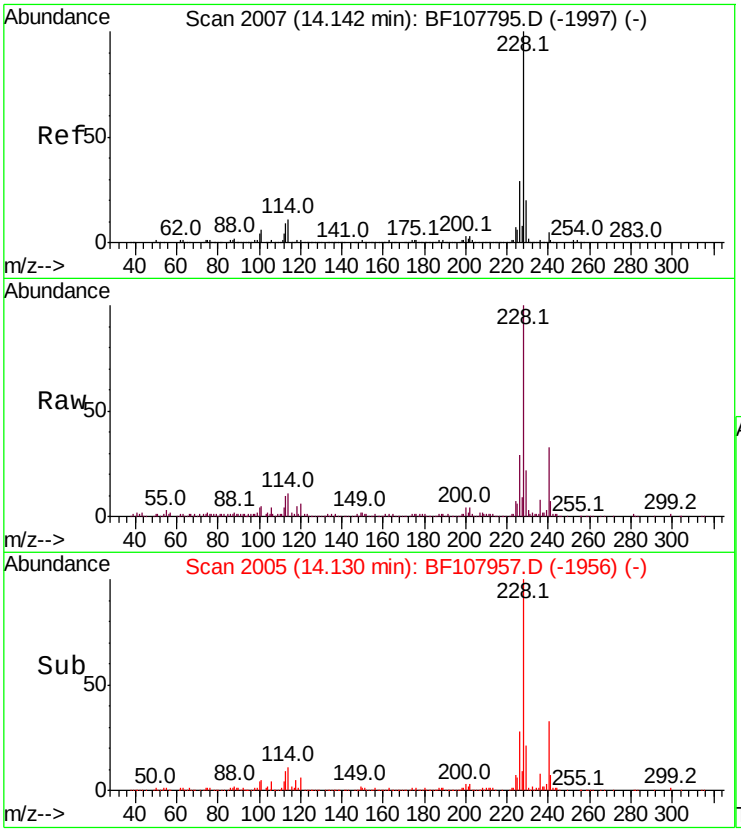


#78
Terphenyl-d14
Concen: 29.249 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:244 Resp: 490513

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.6	11.0	16.4



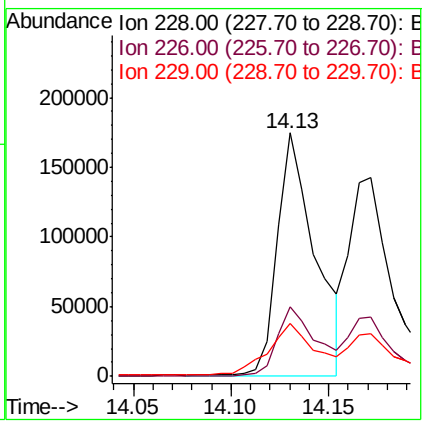


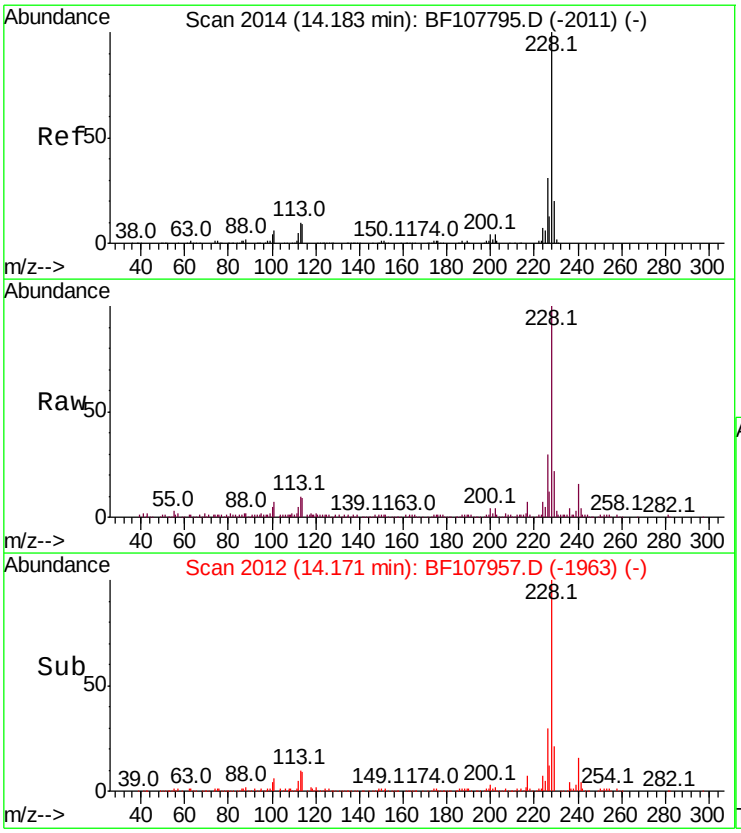
#80
Benzo(a)anthracene
Concen: 11.344 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 233684

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.5	15.8	23.6

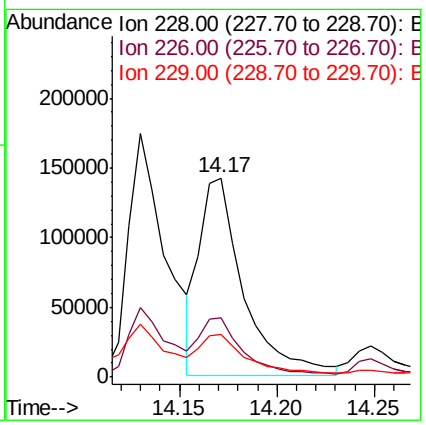


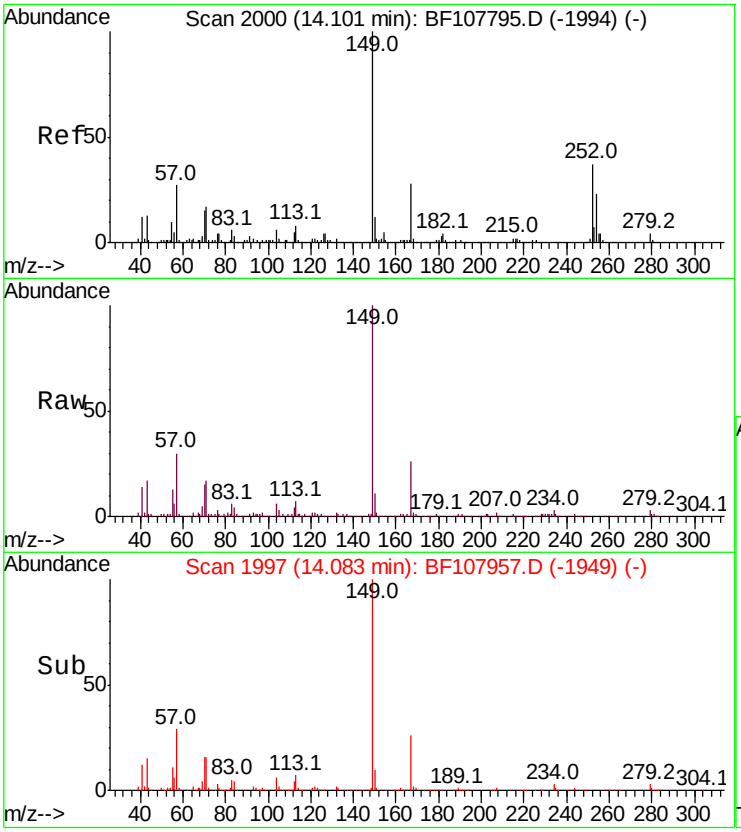


#82
Chrysene
Concen: 10.081 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:228 Resp: 223989

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.6	16.2	24.4



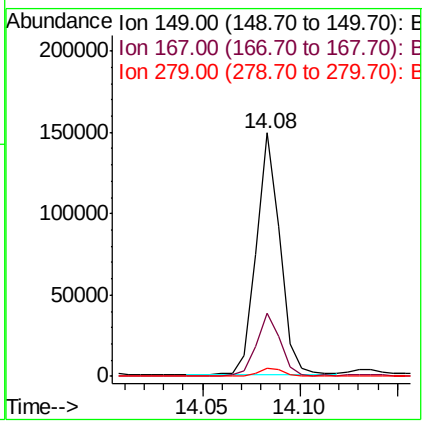


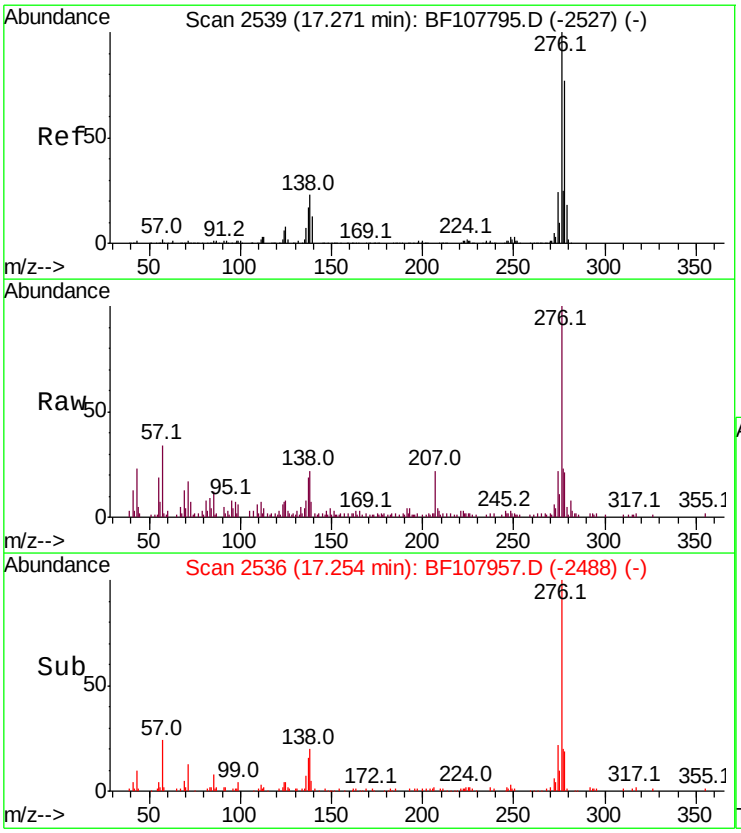
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.639 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 124540

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.1	3.0	4.4

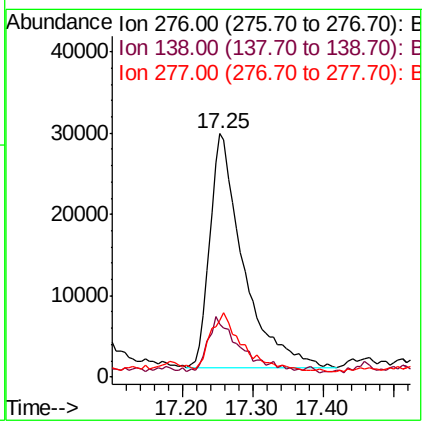


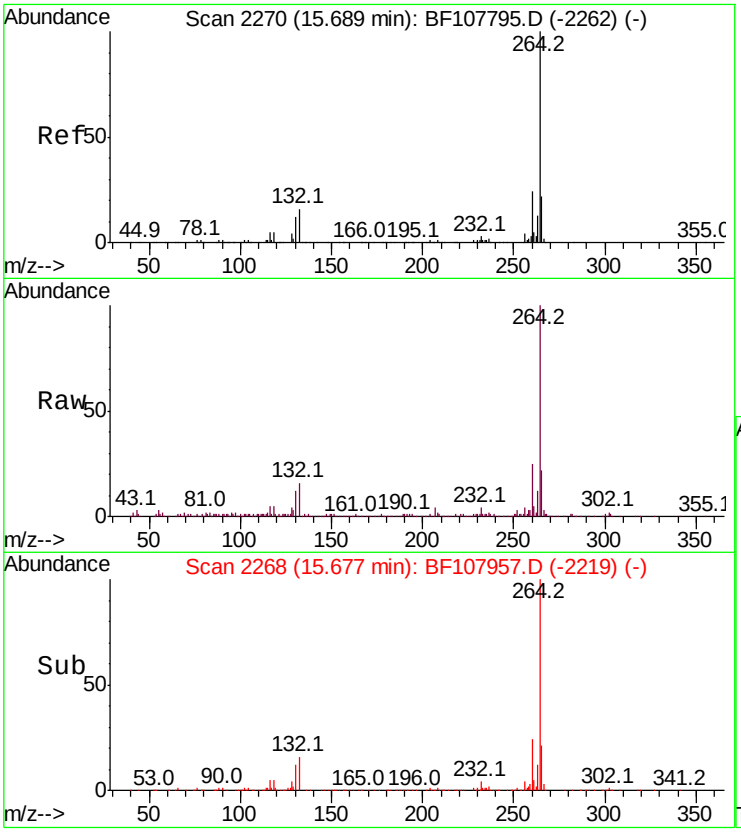


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.646 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:276 Resp: 95425

Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	23.7	20.1	30.1



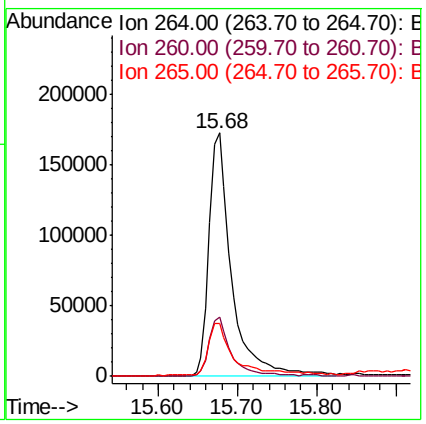


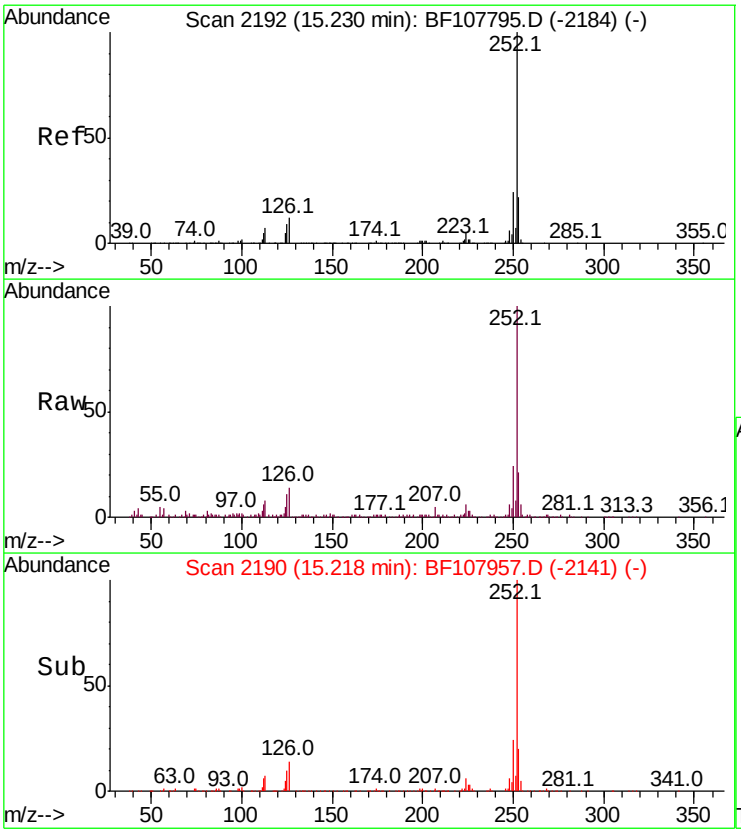
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 339891

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.5	26.3

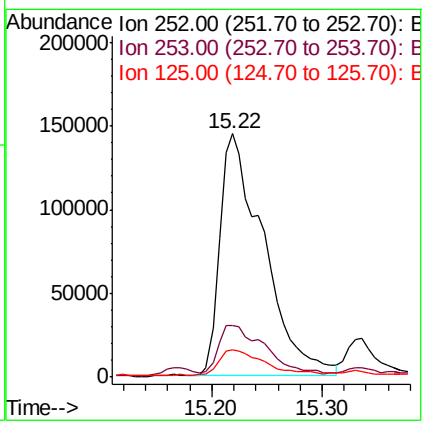


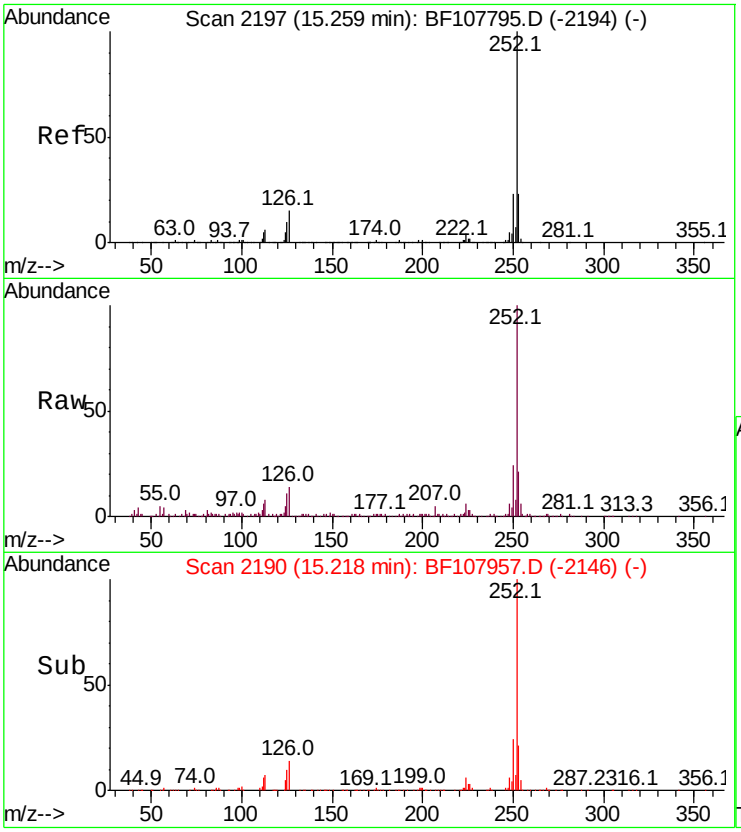


#87
Benzo(b)fluoranthene
Concen: 23.888 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:252 Resp: 400443

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.6
125	11.2	9.0	13.6



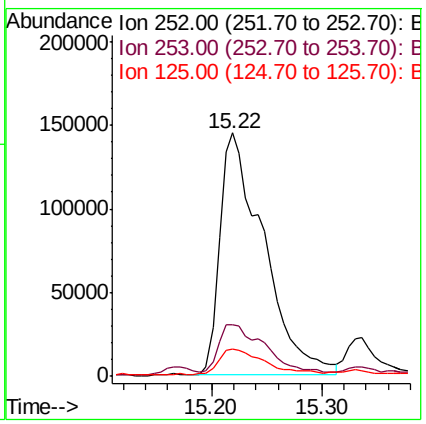


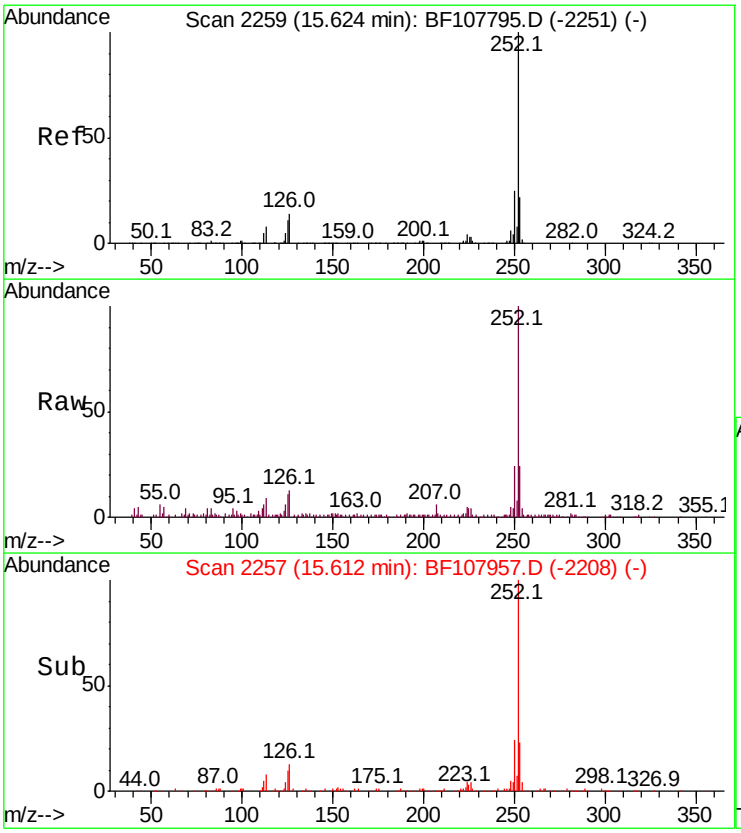
#88
Benzo(k)fluoranthene
Concen: 19.457 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 400443

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	11.2	10.2	15.2

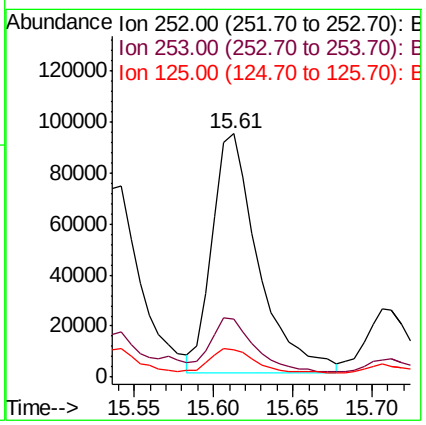


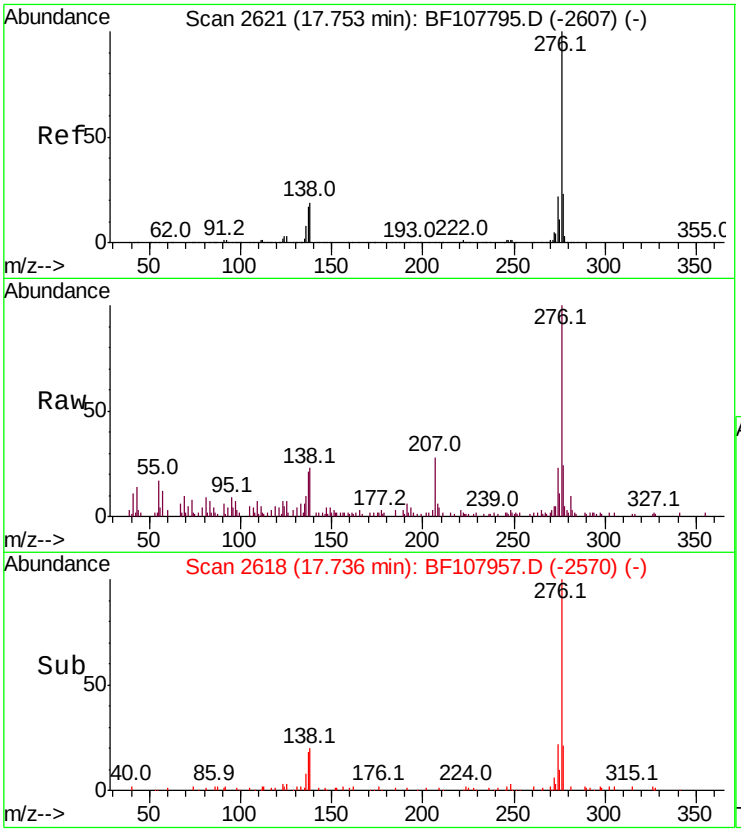


#89
Benzo(a)pyrene
Concen: 11.026 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Tgt Ion:252 Resp: 190820

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: 6.210 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.02 min
Lab File: BF107957.D
Acq: 4 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 90706

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	23.3	21.8	32.8