Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107448.D
Acq On : 17 Jul 2018 14:43
Operator : JU/SJ
Sample : J3829-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-071318-B

Quant Time: Jul 17 18:06:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	127805	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	483675	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	245984	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	498228	20.00	ng		0.00
75) Chrysene-d12	14.18	240	399631	20.00	ng		0.00
86) Perylene-d12	15.72	264	267222	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	346002	41.12	ng		0.00
7) Phenol-d6	6.61	99	431141	39.63	ng		0.00
23) Nitrobenzene-d5	7.54	82	312161	34.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	95669	44.27	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	540051	29.53	ng		0.00
78) Terphenyl-d14	13.11	244	548347	34.09	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	48912	6.279	ng	#	74
25) Isophorone	7.54	82	313978	17.464	ng	#	64
37) 2-Methylnaphthalene	8.98	142	41968	2.710	ng	#	89
48) Acenaphthylene	9.89	152	102081	4.355	ng	#	92
49) Dimethylphthalate	9.73	163	84676	4.333	ng	#	96
51) Acenaphthene	10.06	154	92000	5.920	ng		98
53) 2,4-Dinitrophenol	9.98	184	146	2.409	ng	#	32
54) Dibenzofuran	10.23	168	138426	5.764	ng	#	89
57) Fluorene	10.58	166	141446	8.893	ng	#	94
64) 4,6-Dinitro-2-methylphenol	10.63	198	164	7.541	ng	#	1
70) Phenanthrene	11.55	178	1291481	52.014	ng		97
71) Anthracene	11.60	178	428881	17.342	ng		98
72) Carbazole	11.75	167	57712	2.465	ng		97
74) Fluoranthene	12.75	202	1491771	52.860	ng		93
77) Pyrene	12.98	202	1337567	49.219	ng		97
80) Benzo(a)anthracene	14.17	228	748438	30.609	ng		95
82) Chrysene	14.20	228	629469	26.949	ng		97
85) Indeno(1,2,3-cd)pyrene	17.30	276	190494	11.457	ng	#	86
87) Benzo(b)fluoranthene	15.26	252	827699	52.919	ng		94
88) Benzo(k)fluoranthene	15.26	252	827699	54.225	ng	#	95
89) Benzo(a)pyrene	15.65	252	405841	28.270	ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	55580	5.130	ng	#	87
91) Benzo(g,h,i)perylene	17.78	276	182378	16.566	ng	#	92

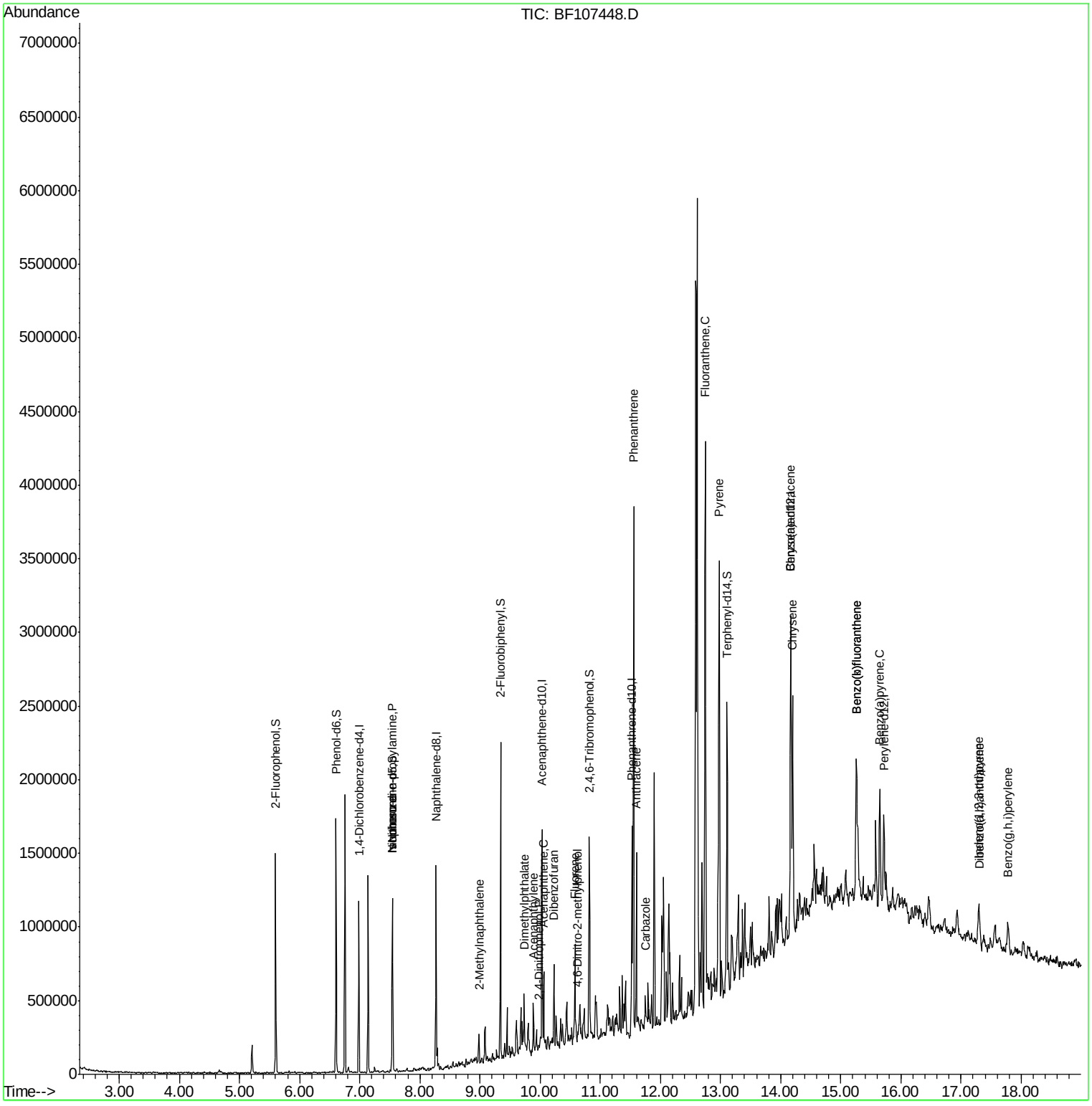
(#) = qualifier out of range (m) = manual integration (+) = signals summed

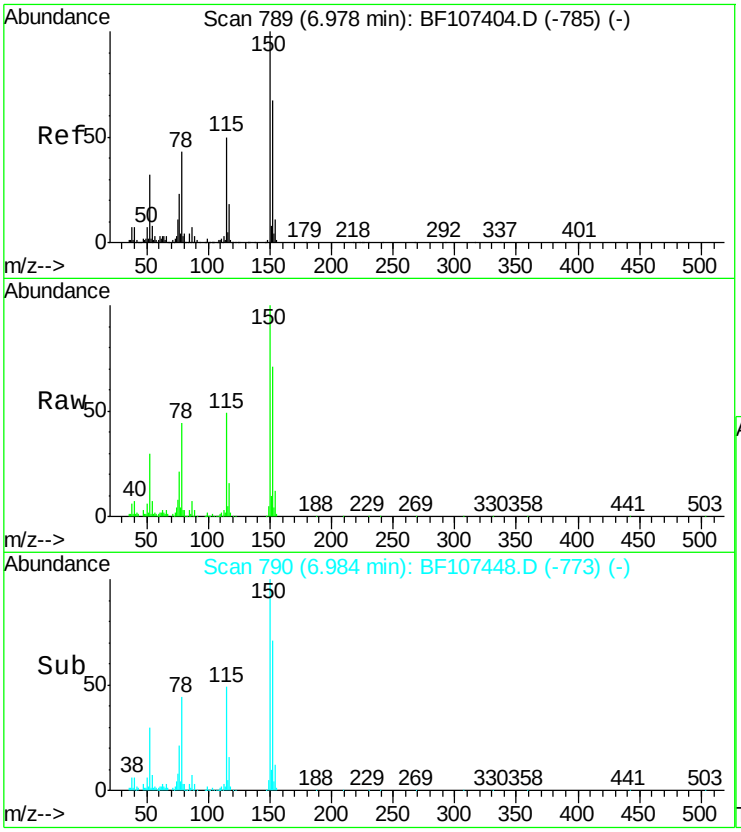
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107448.D
Acq On : 17 Jul 2018 14:43
Operator : JU/SJ
Sample : J3829-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Quant Time: Jul 17 18:06:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration



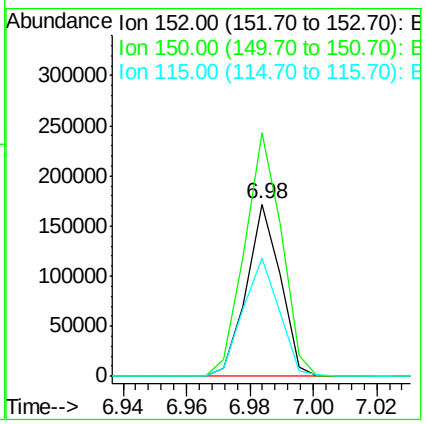


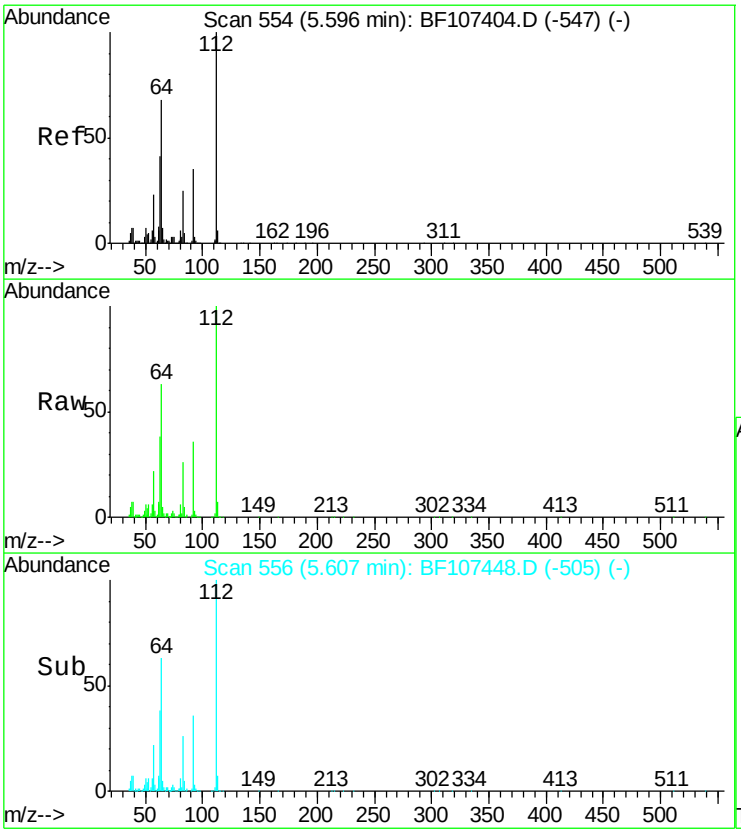
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:152 Resp: 127805

Ion	Ratio	Lower	Upper
152	100		
150	141.3	124.6	186.8
115	68.7	50.1	75.1

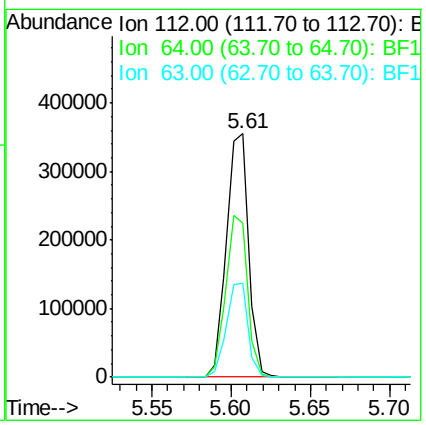


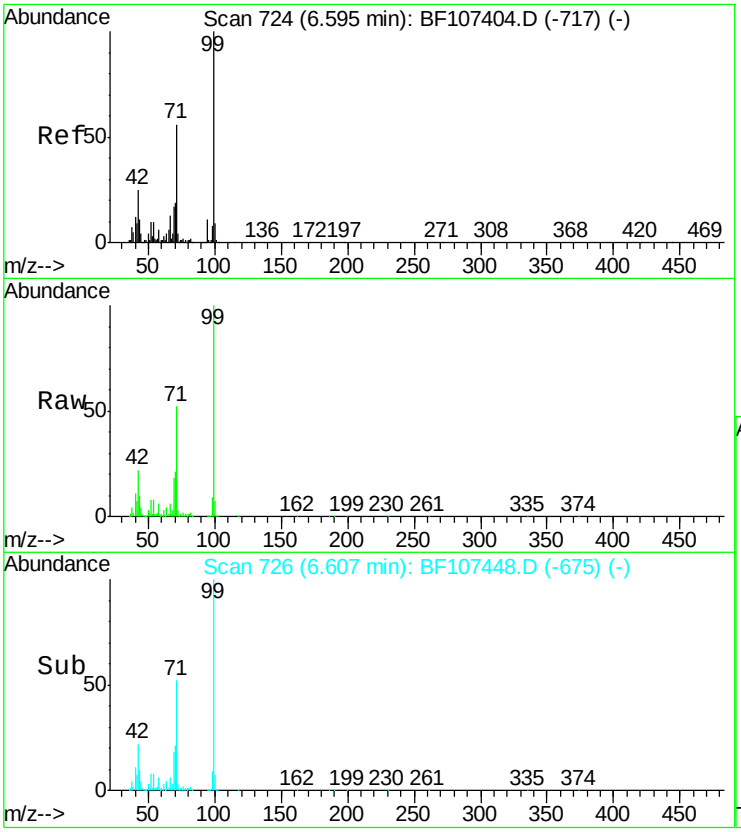


#5
2-Fluorophenol
Concen: 41.116 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:112 Resp: 346002

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	38.3	23.7	35.5#



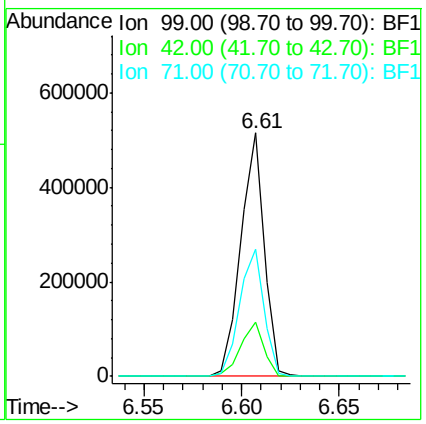


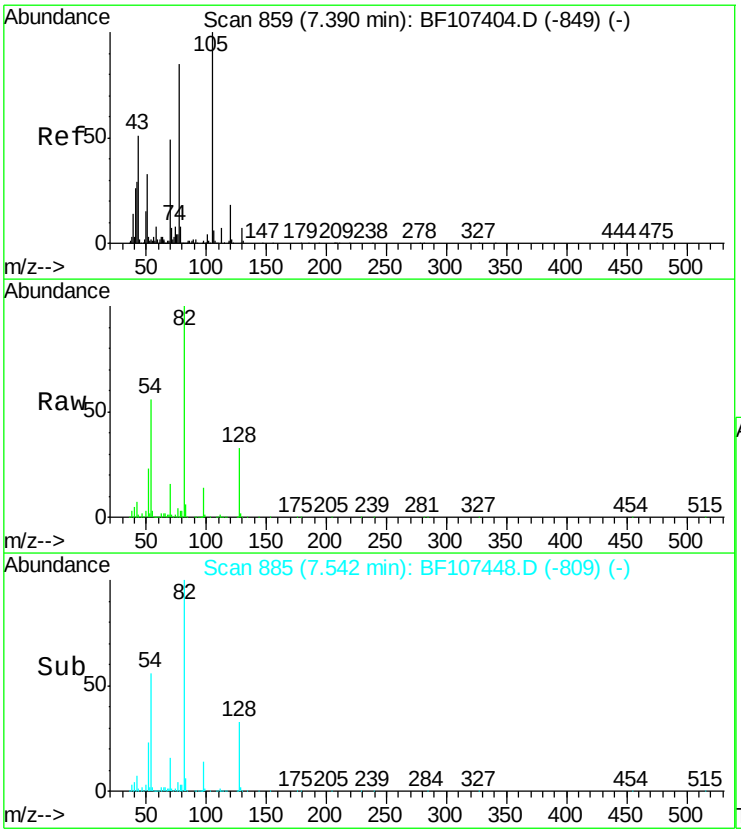
#7
Phenol-d6
Concen: 39.627 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion: 99 Resp: 431141

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	52.3	25.4	38.0#

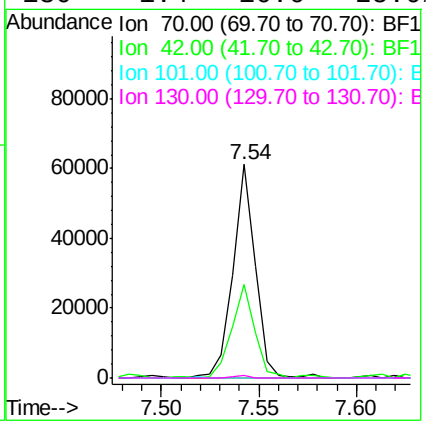


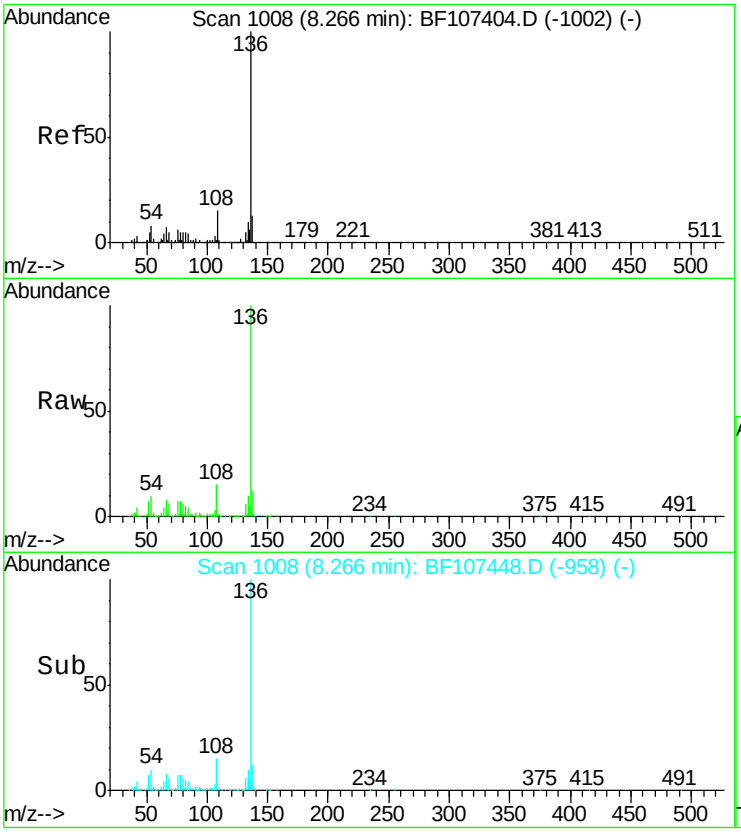


#19
n-Nitroso-di-n-propylamine
Concen: 6.279 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion: 70 Resp: 48912

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.4	16.6	25.0#



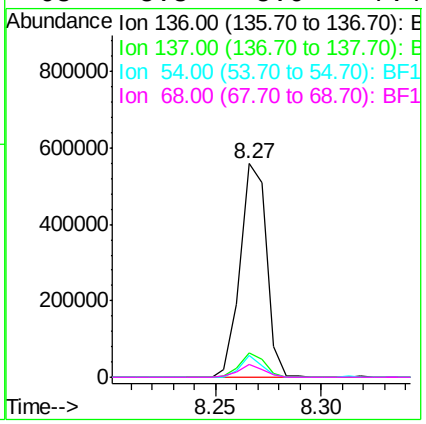


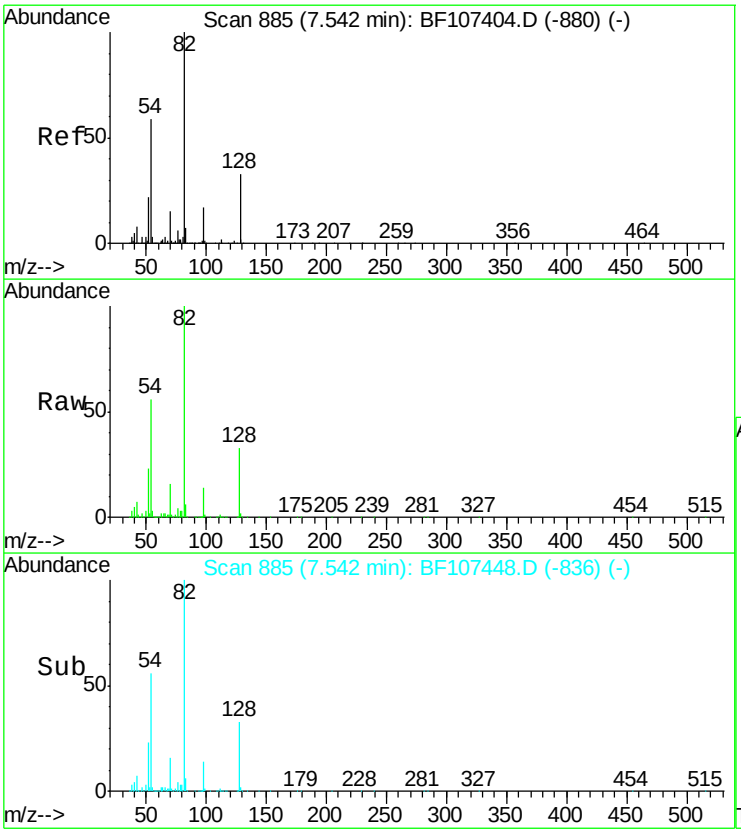
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:136 Resp: 483675

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.3	6.6	9.8#
68	5.8	5.0	7.4

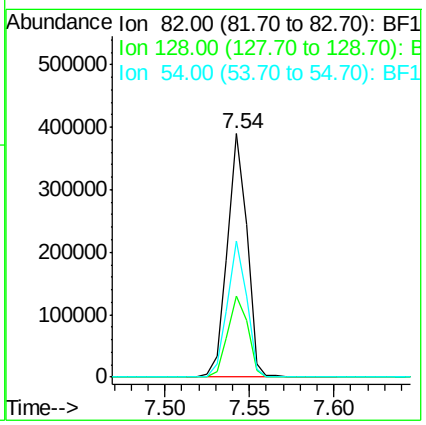


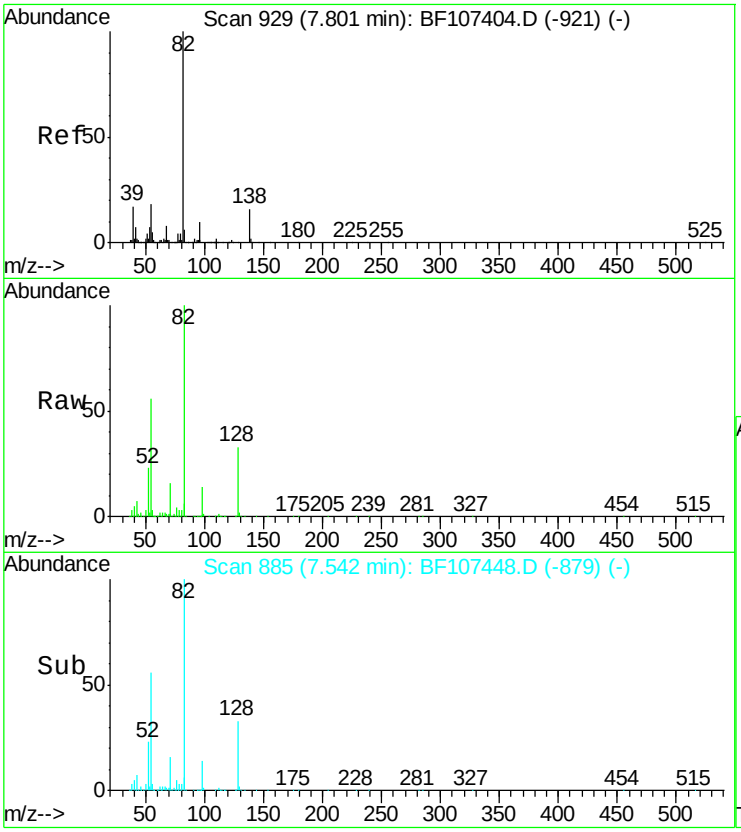


#23
Nitrobenzene-d5
Concen: 34.415 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion: 82 Resp: 312161

Ion	Ratio	Lower	Upper
82	100		
128	33.1	36.1	54.1#
54	56.1	41.4	62.2



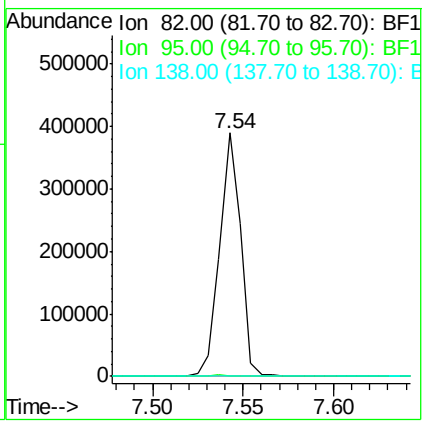


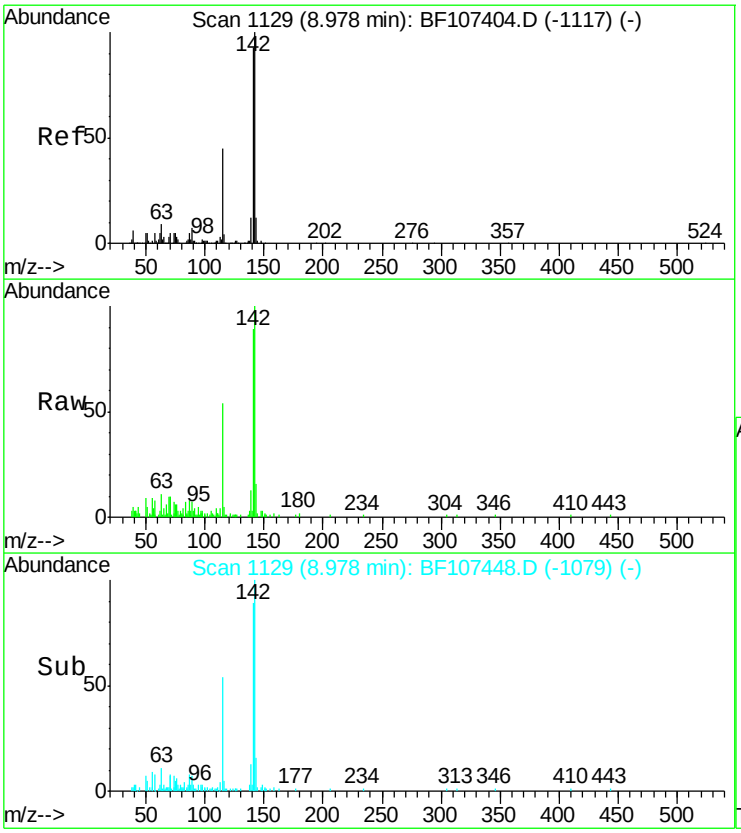
#25
Isophorone
Concen: 17.464 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion: 82 Resp: 313978

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

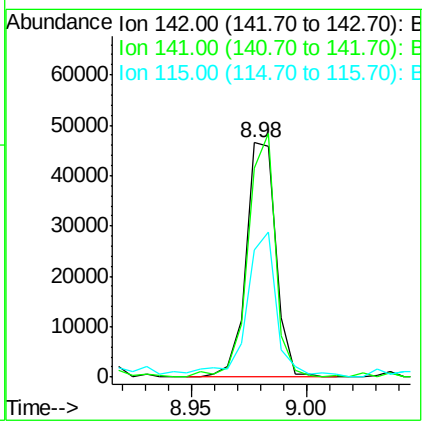


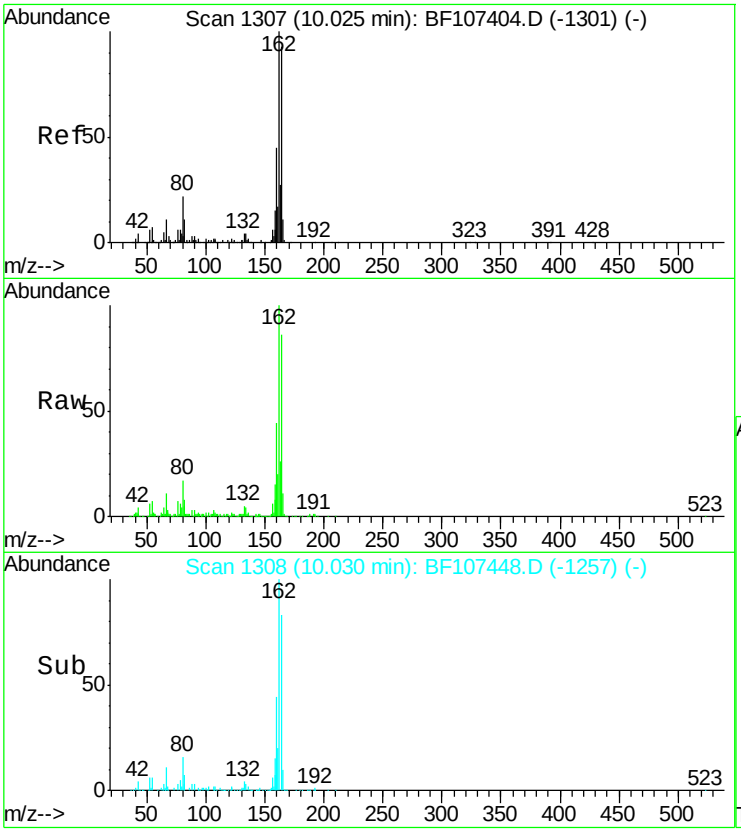


#37
2-Methylnaphthalene
Concen: 2.710 ng
RT: 8.98 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:142 Resp: 41968

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	54.3	26.1	39.1#



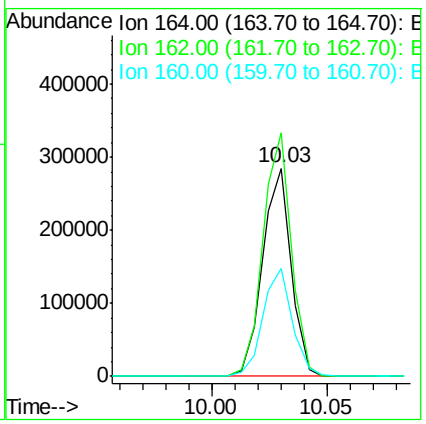


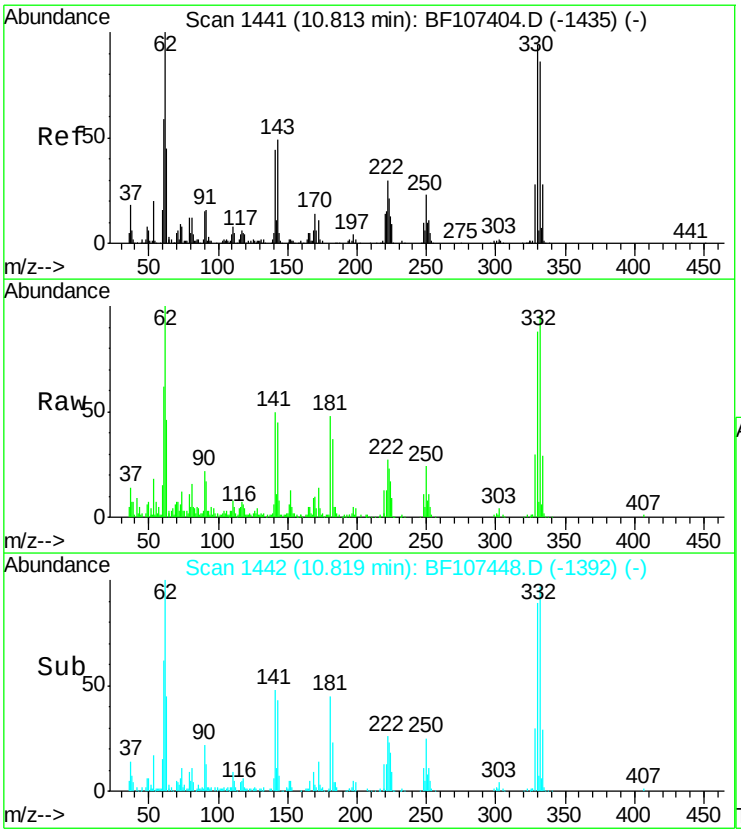
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:164 Resp: 245984

Ion	Ratio	Lower	Upper
164	100		
162	117.0	86.1	129.1
160	51.6	38.3	57.5

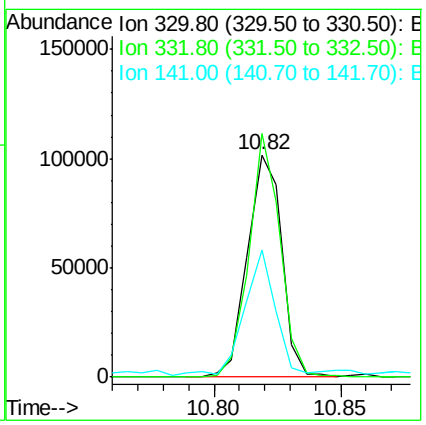


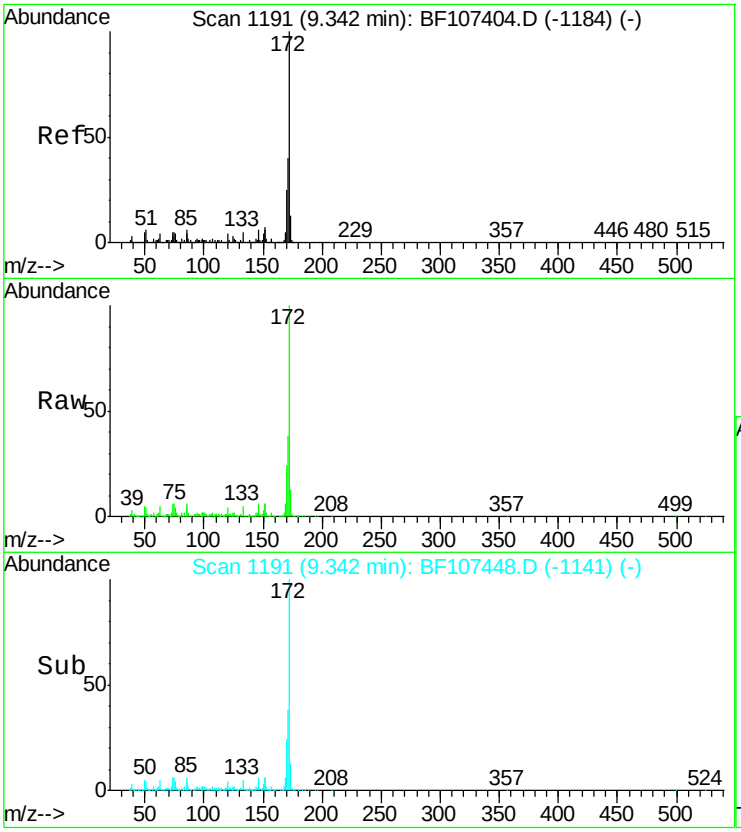


#41
2,4,6-Tribromophenol
Concen: 44.265 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:330 Resp: 95669

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	50.2	29.9	44.9#



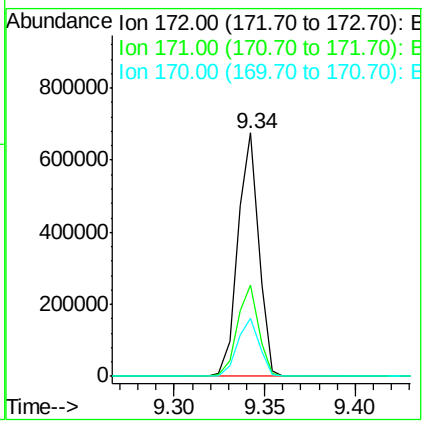


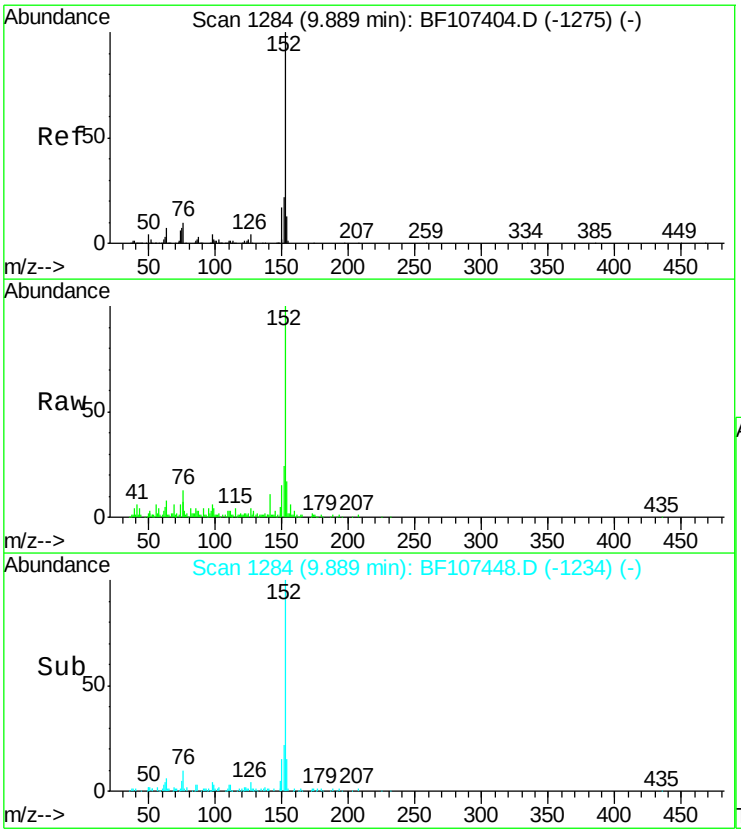
#44
2-Fluorobiphenyl
Concen: 29.533 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:172 Resp: 540051

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	23.9	19.6	29.4

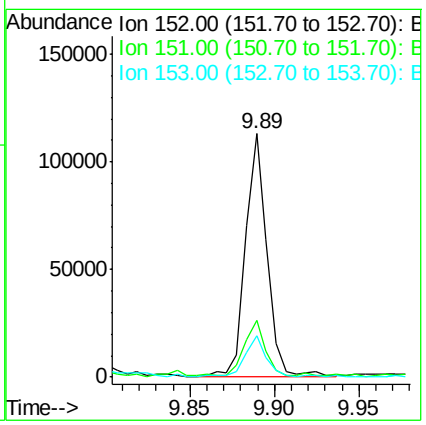


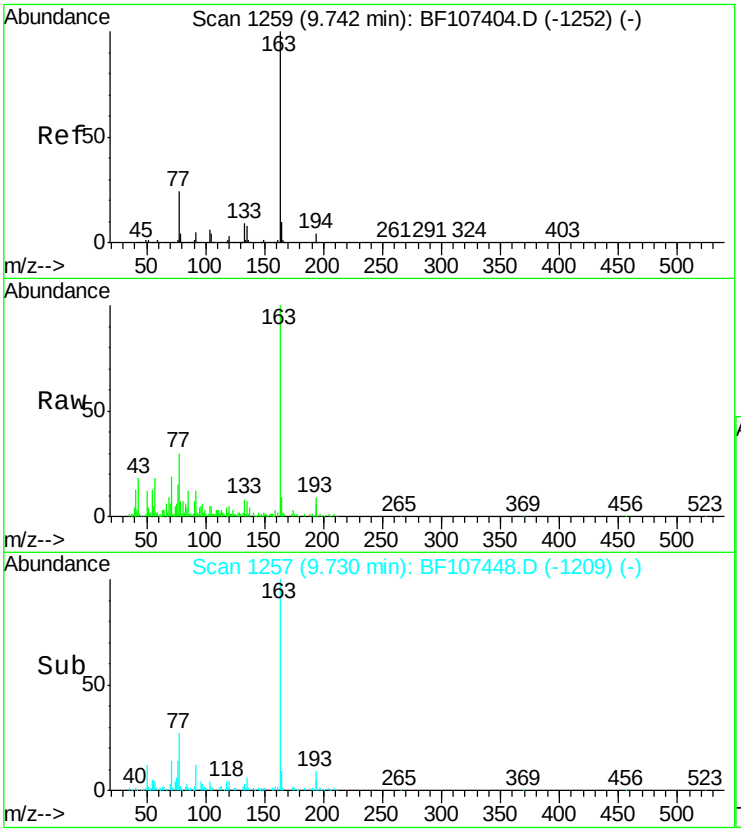


#48
Acenaphthylene
Concen: 4.355 ng
RT: 9.89 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:152 Resp: 102081

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.3	24.5
153	17.1	10.7	16.1#



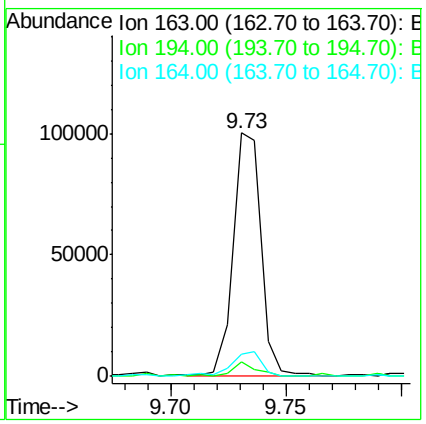


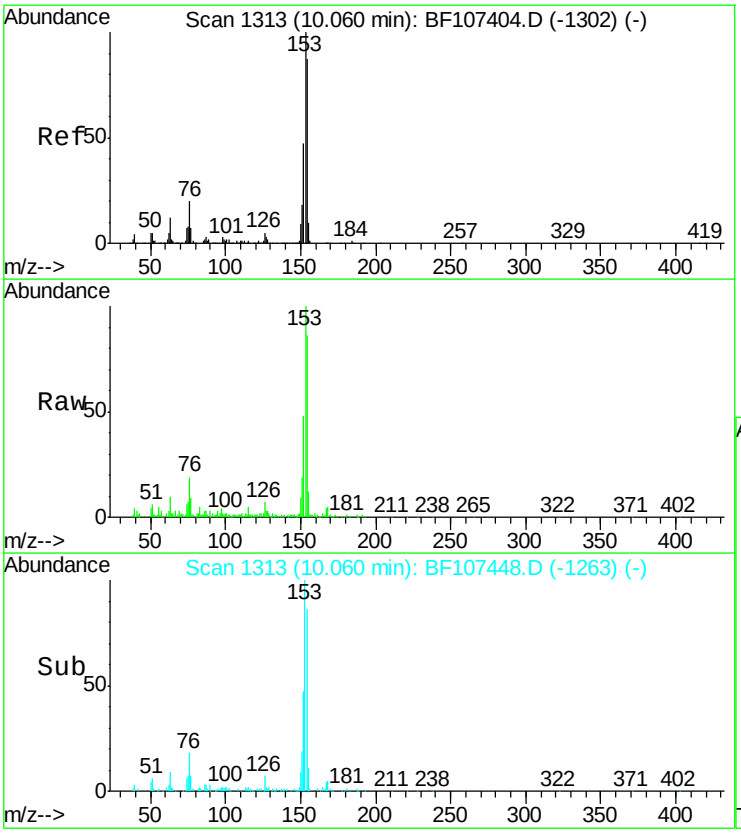
#49
Dimethylphthalate
Concen: 4.333 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:163 Resp: 84676

Ion	Ratio	Lower	Upper
163	100		
194	6.1	2.7	4.1#
164	9.1	8.2	12.2

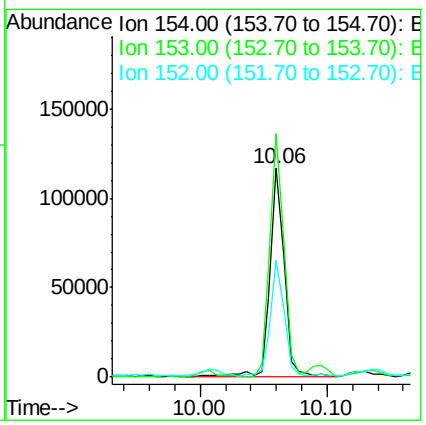


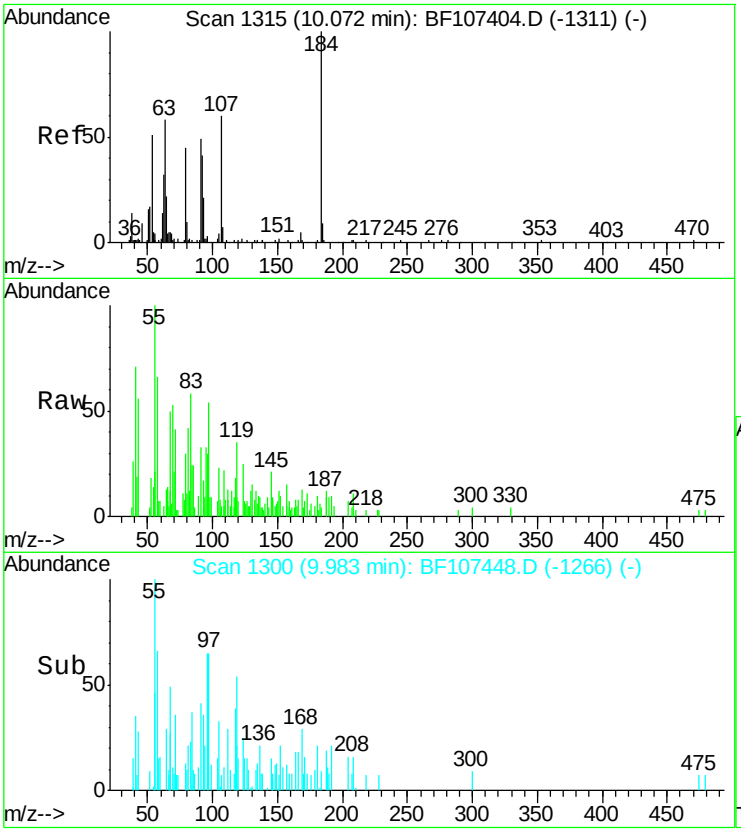


#51
Acenaphthene
Concen: 5.920 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:154 Resp: 92000

Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.2	136.8
152	55.7	43.8	65.8



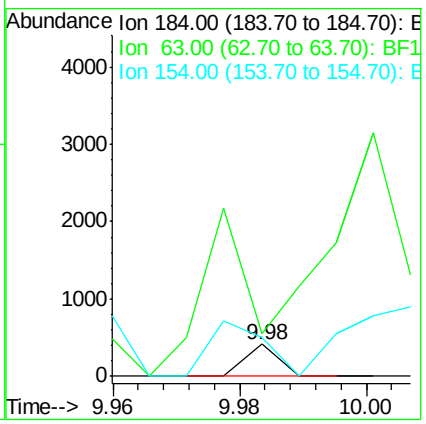


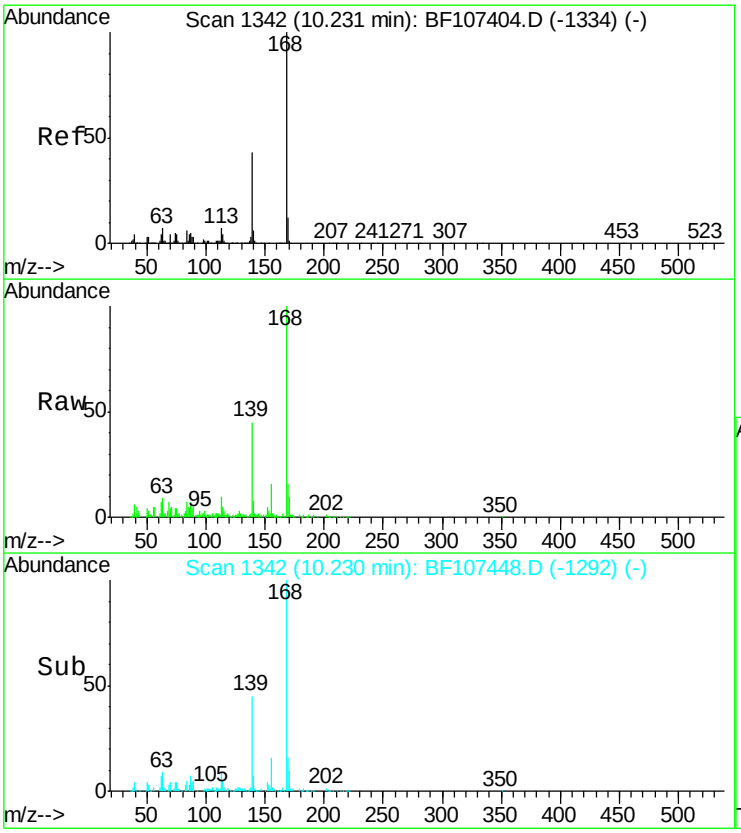
#53
2,4-Dinitrophenol
Concen: 2.409 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.10 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:184 Resp: 146

Ion	Ratio	Lower	Upper
184	100		
63	132.6	54.2	81.2#
154	123.2	184.0	276.0#

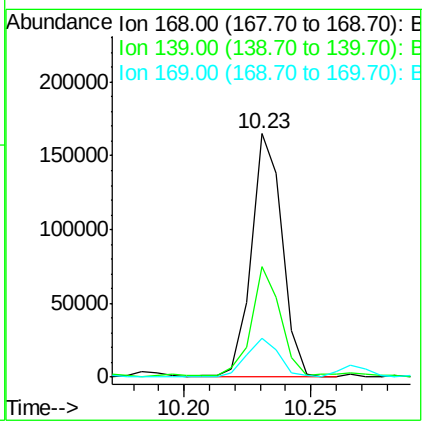


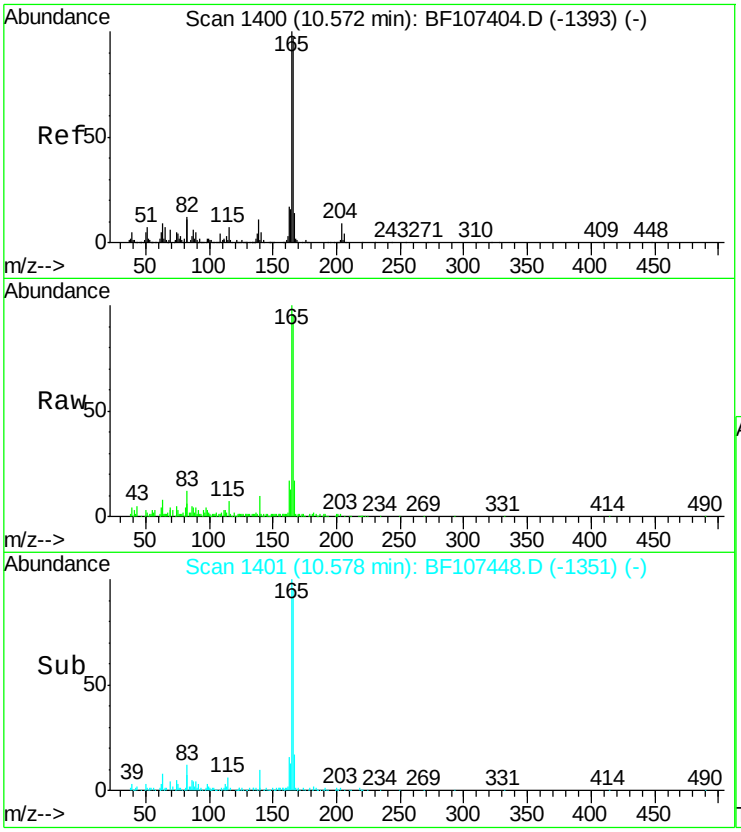


#54
Dibenzofuran
Concen: 5.764 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:168 Resp: 138426

Ion	Ratio	Lower	Upper
168	100		
139	45.2	30.1	45.1#
169	15.9	10.9	16.3



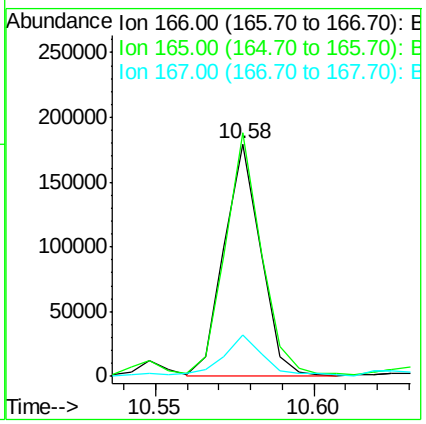


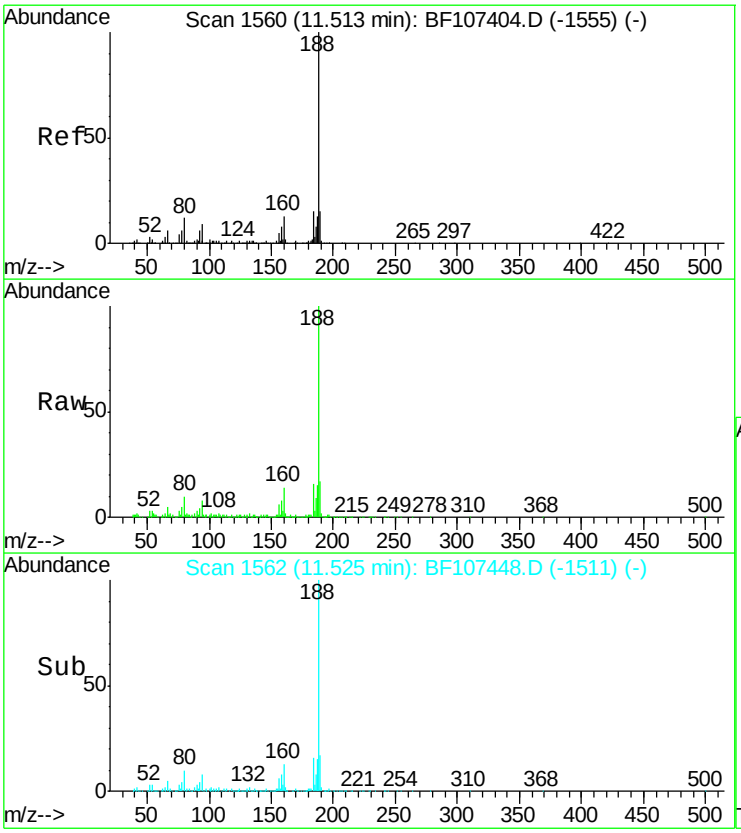
#57
Fluorene
Concen: 8.893 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:166 Resp: 141446

Ion	Ratio	Lower	Upper
166	100		
165	104.6	79.8	119.8
167	17.7	10.6	16.0#

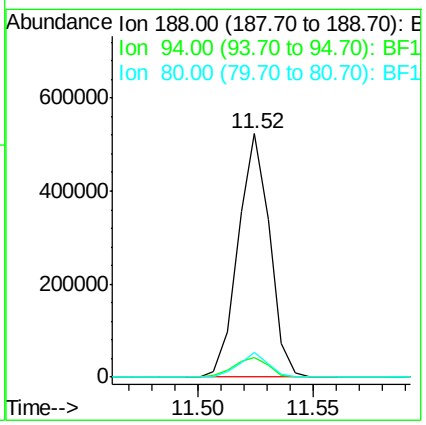


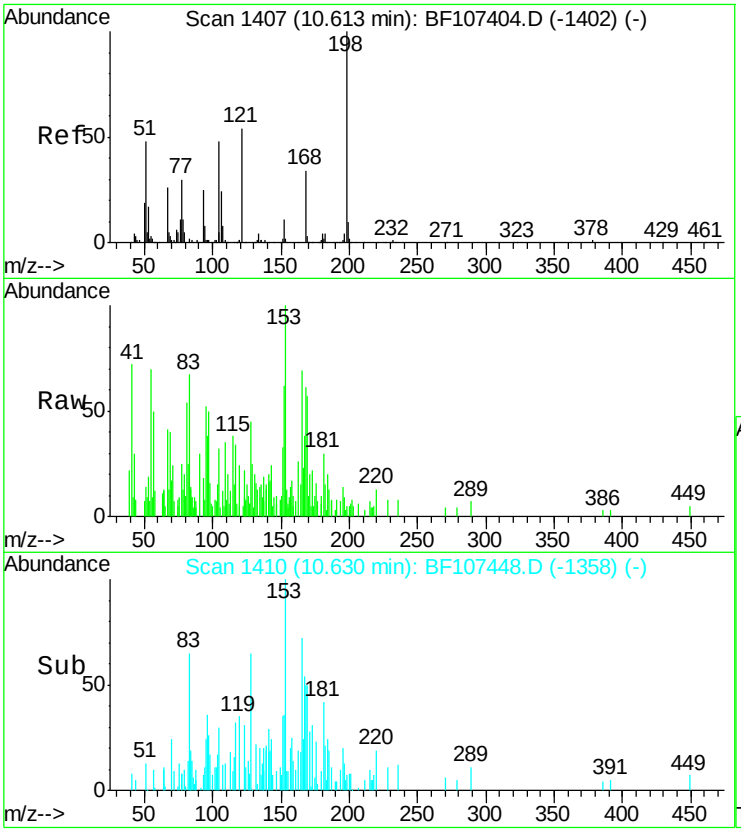


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:188 Resp: 498228

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	10.3	9.2	13.8



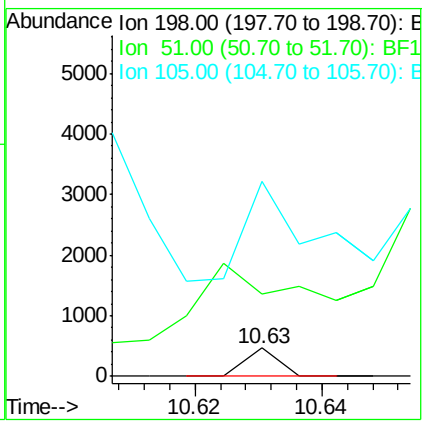


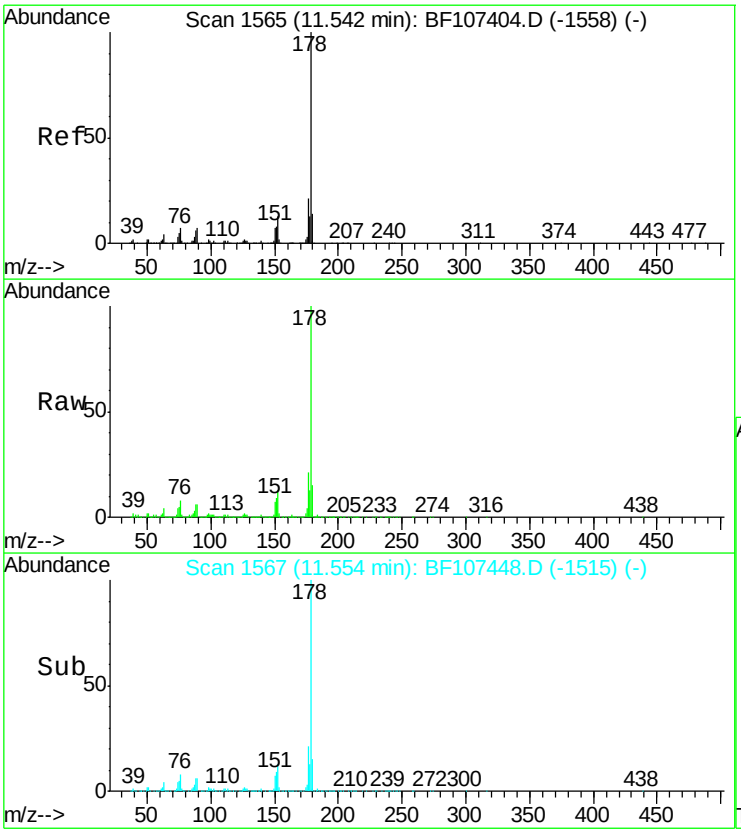
#64
4,6-Dinitro-2-methylphenol
Concen: 7.541 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:198 Resp: 164

Ion	Ratio	Lower	Upper
198	100		
51	294.4	37.7	77.7#
105	695.5	36.3	76.3#

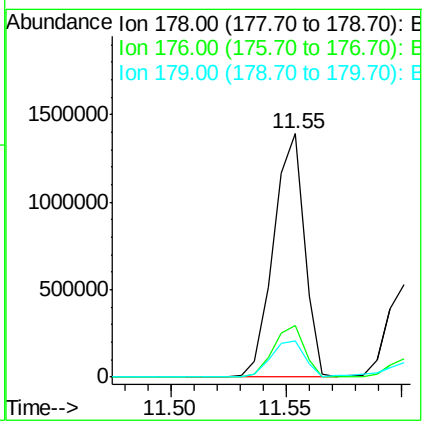


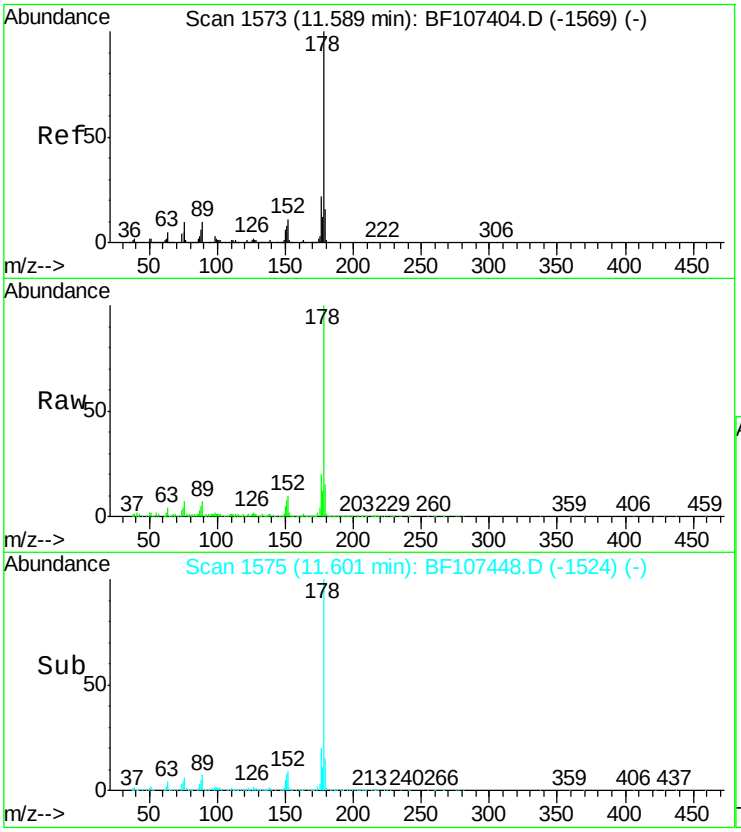


#70
Phenanthrene
Concen: 52.014 ng
RT: 11.55 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:178 Resp: 1291481

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	15.0	13.0	19.6



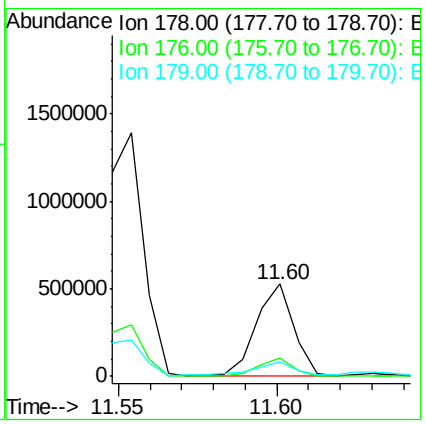


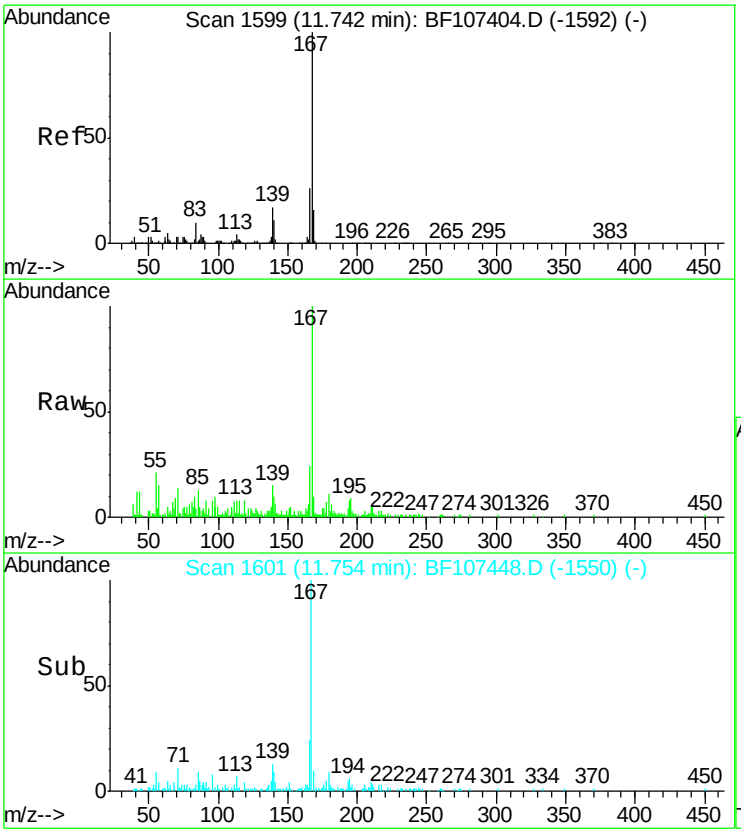
#71
Anthracene
Concen: 17.342 ng
RT: 11.60 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:178 Resp: 428881

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	15.5	12.6	19.0

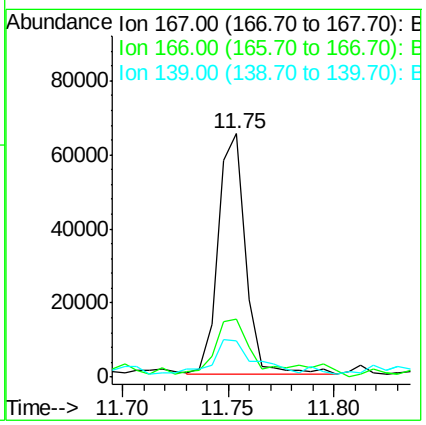


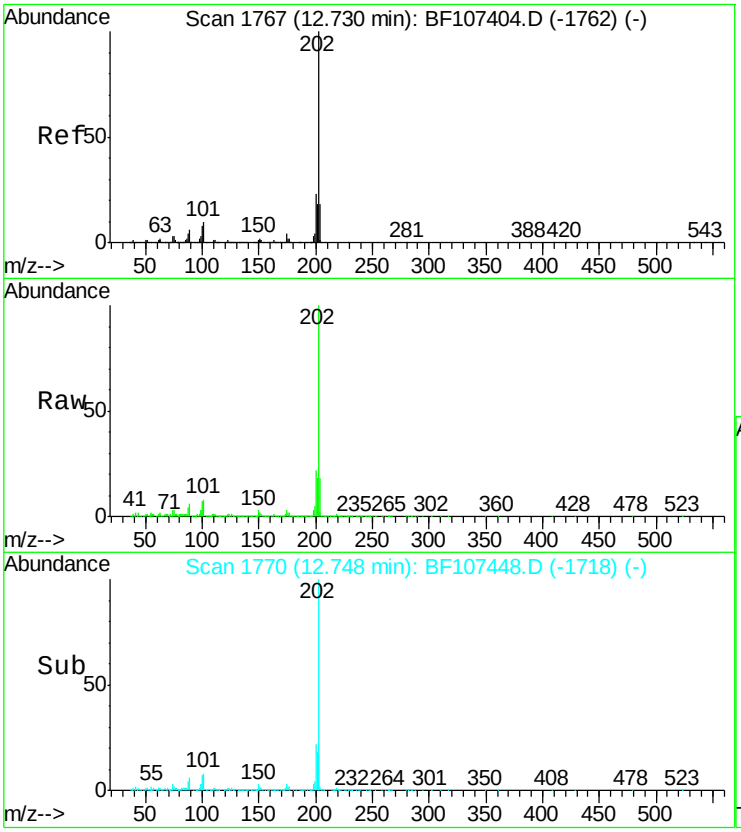


#72
Carbazole
Concen: 2.465 ng
RT: 11.75 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:167 Resp: 57712

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.6	26.4
139	15.0	10.9	16.3



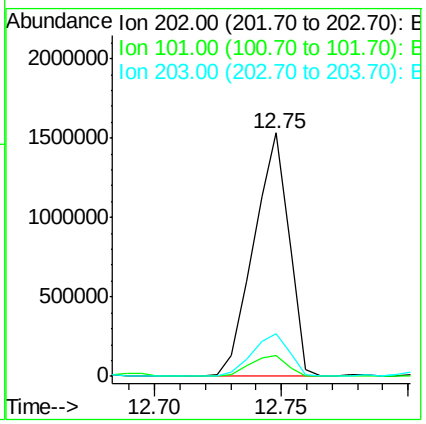


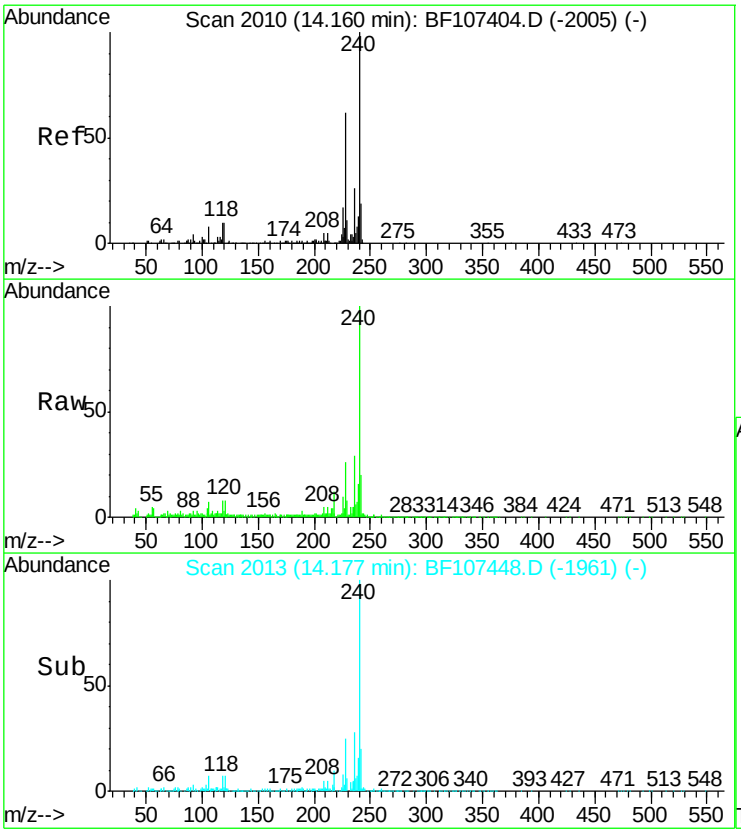
#74
Fluoranthene
Concen: 52.860 ng
RT: 12.75 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:202 Resp: 1491771

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	34.1
203	17.6	0.0	38.1

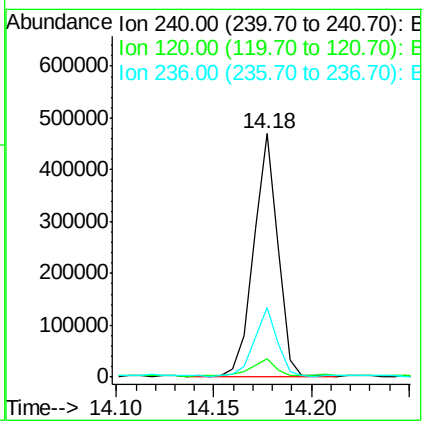


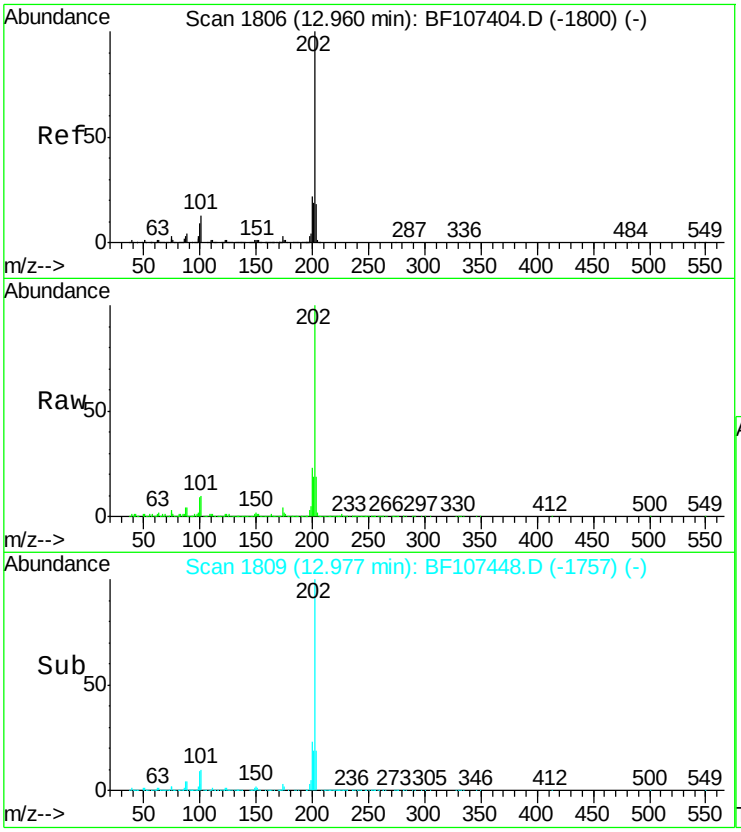


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:240 Resp: 399631

Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	28.8	20.7	31.1



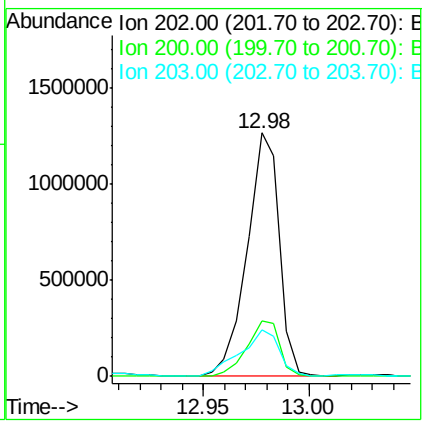


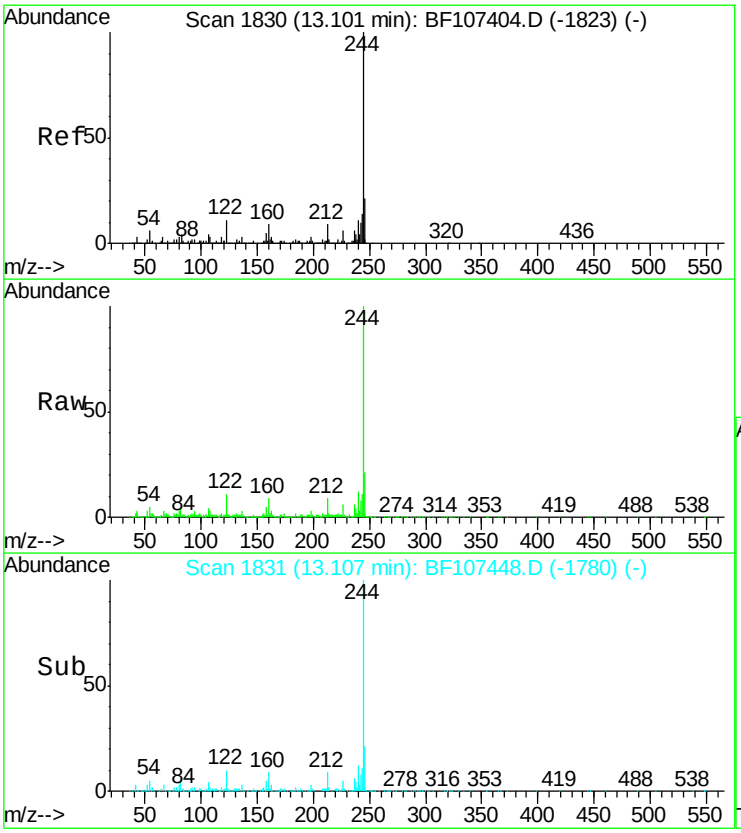
#77
Pyrene
Concen: 49.219 ng
RT: 12.98 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:202 Resp: 1337567

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	19.3	14.3	21.5

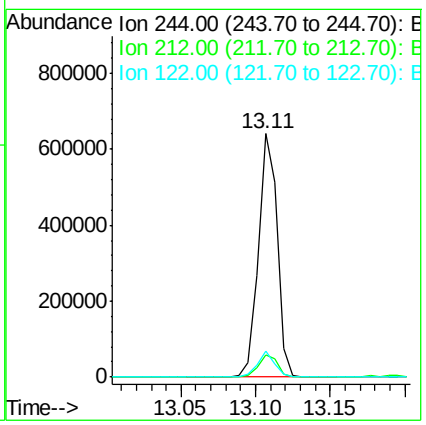


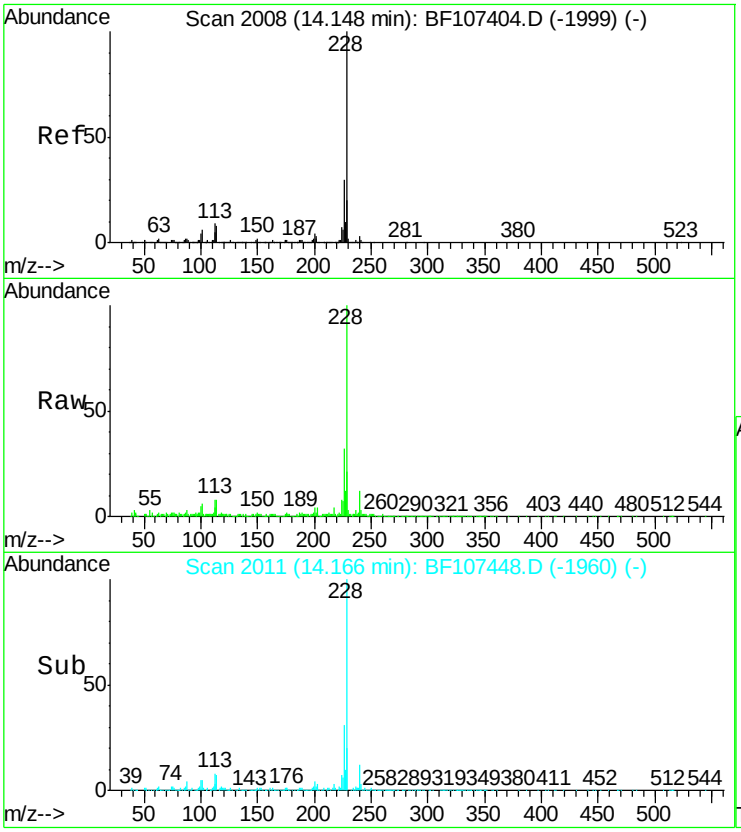


#78
Terphenyl-d14
Concen: 34.092 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:244 Resp: 548347

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.4	8.0#
122	10.5	11.0	16.4#



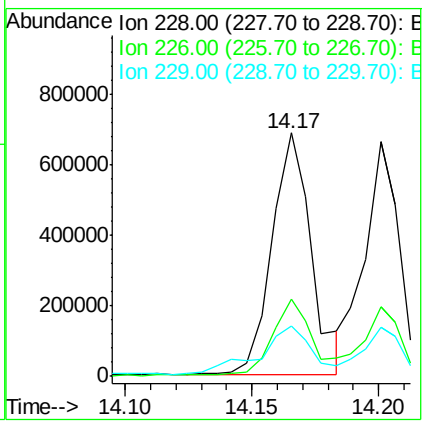


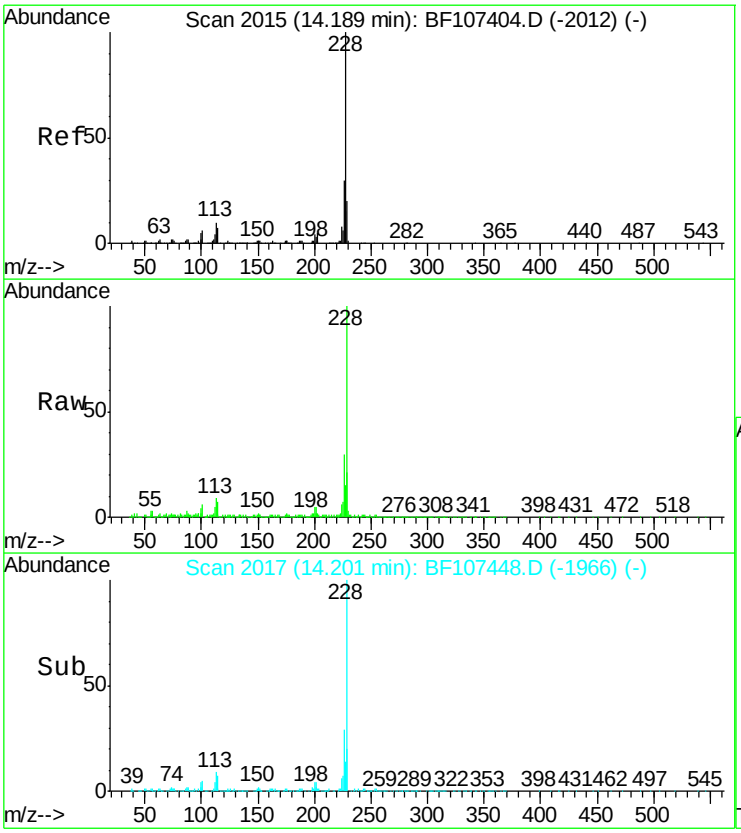
#80
Benzo(a)anthracene
Concen: 30.609 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:228 Resp: 748438

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	20.5	15.8	23.6

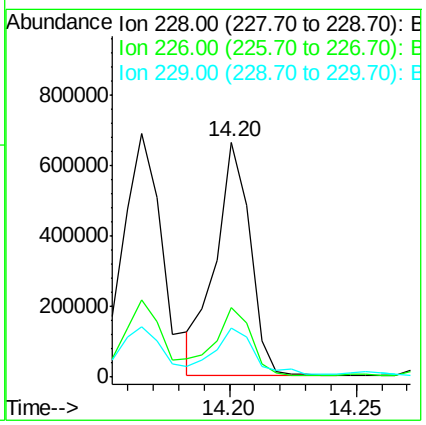


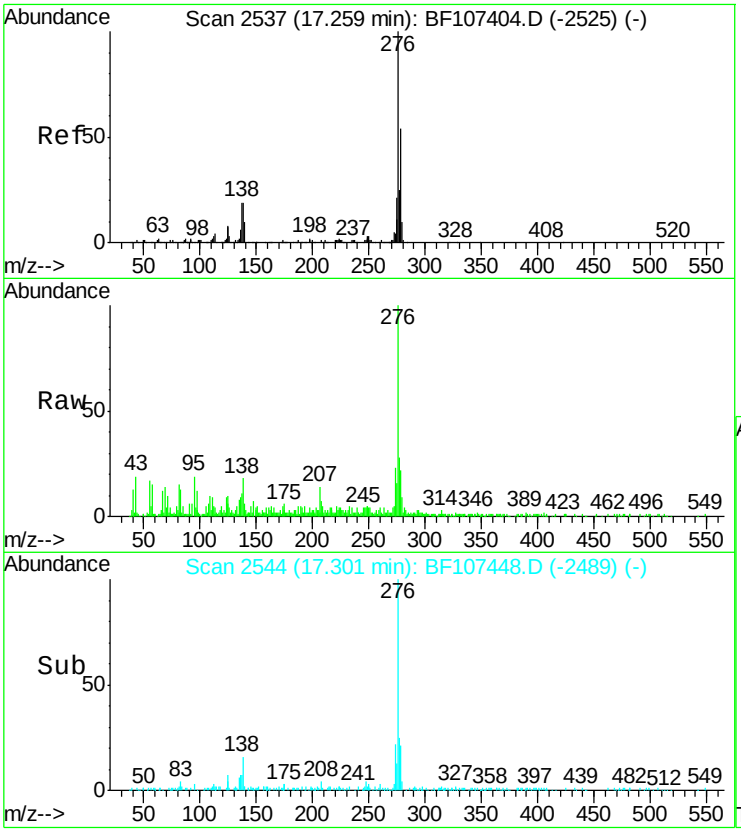


#82
Chrysene
Concen: 26.949 ng
RT: 14.20 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:228 Resp: 629469

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.1	16.2	24.4



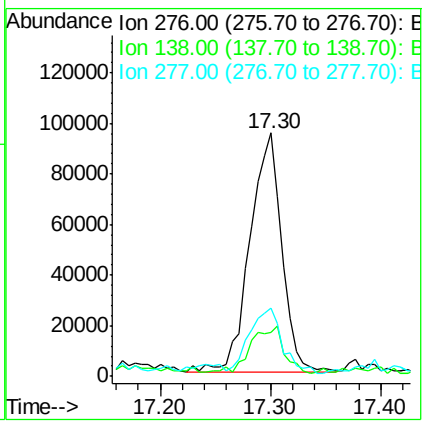


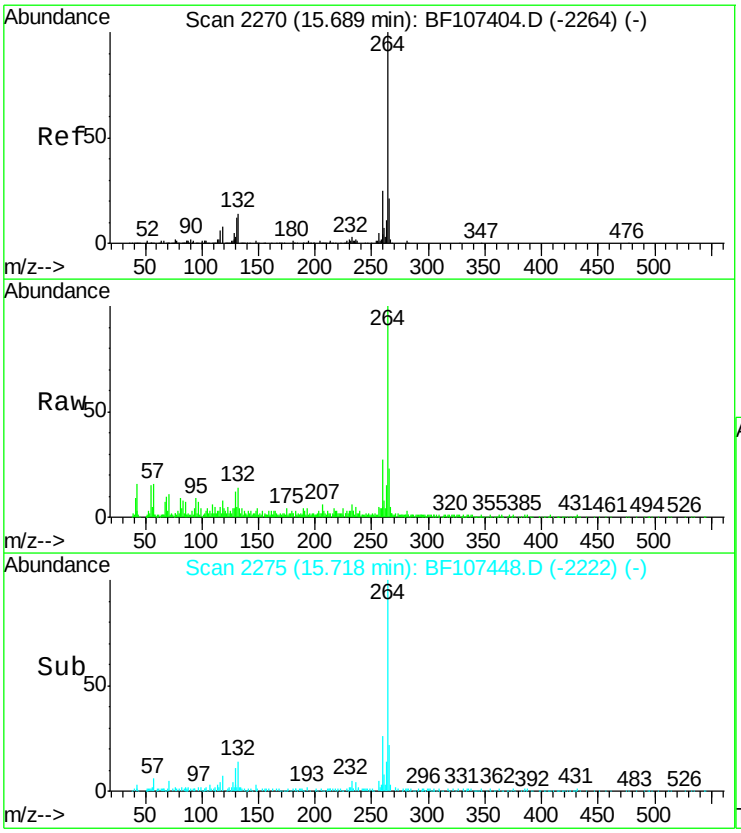
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.457 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:276 Resp: 190494

Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	29.0	20.1	30.1

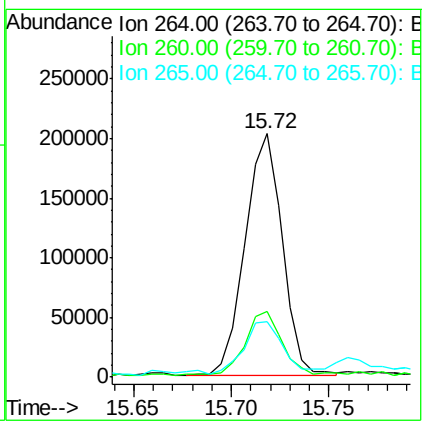


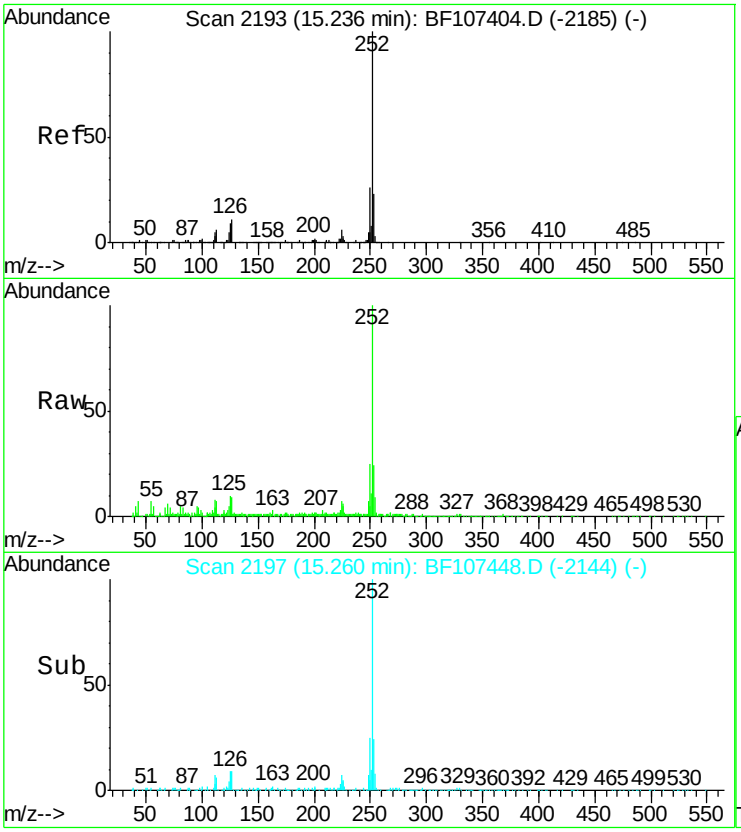


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:264 Resp: 267222

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.2	28.8
265	23.0	17.5	26.3



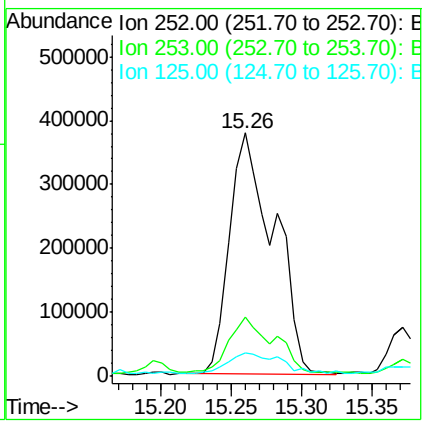


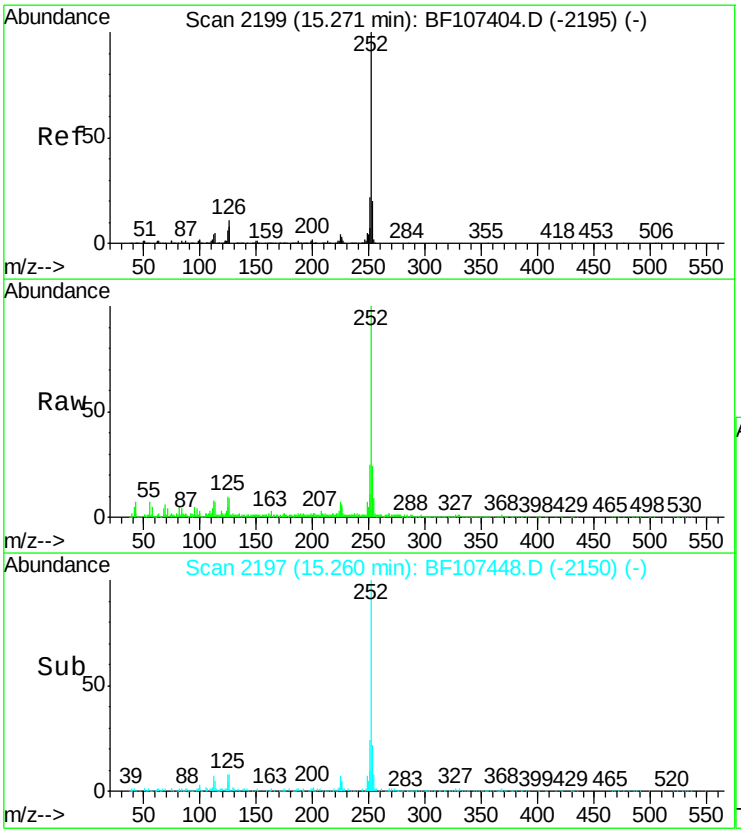
#87
Benzo(b)fluoranthene
Concen: 52.919 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:252 Resp: 827699

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	9.7	9.0	13.6

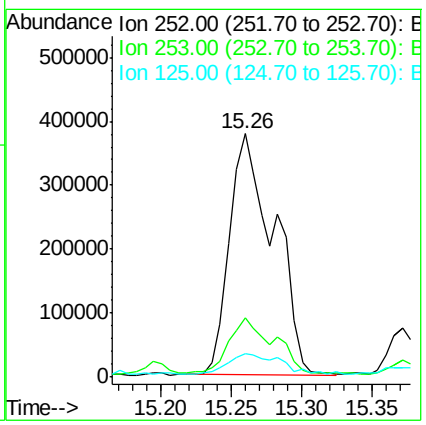


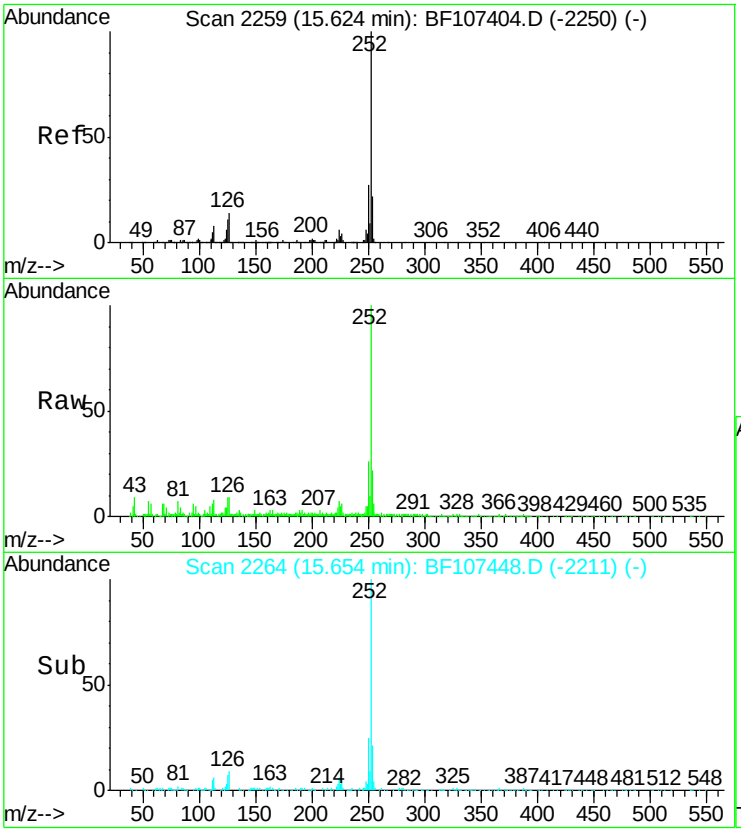


#88
Benzo(k)fluoranthene
Concen: 54.225 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:252 Resp: 827699

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	9.7	10.2	15.2#



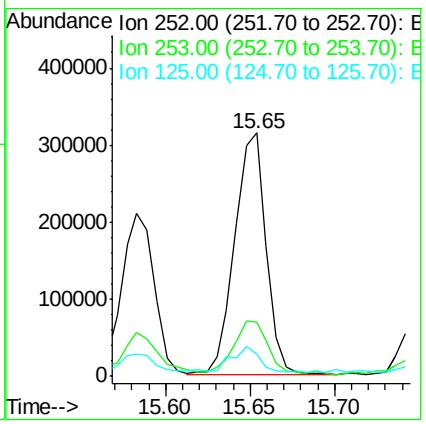


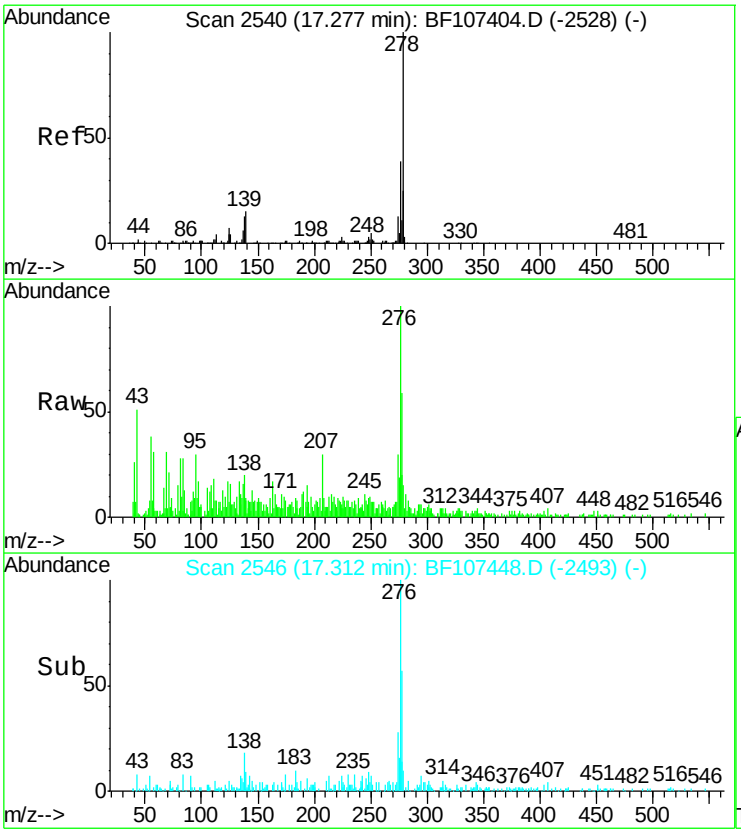
#89
Benzo(a)pyrene
Concen: 28.270 ng
RT: 15.65 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:252 Resp: 405841

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.9	9.8	14.6#

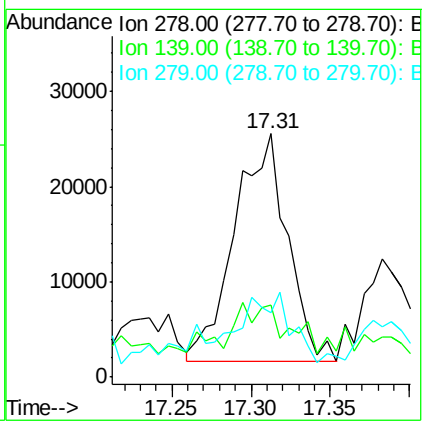


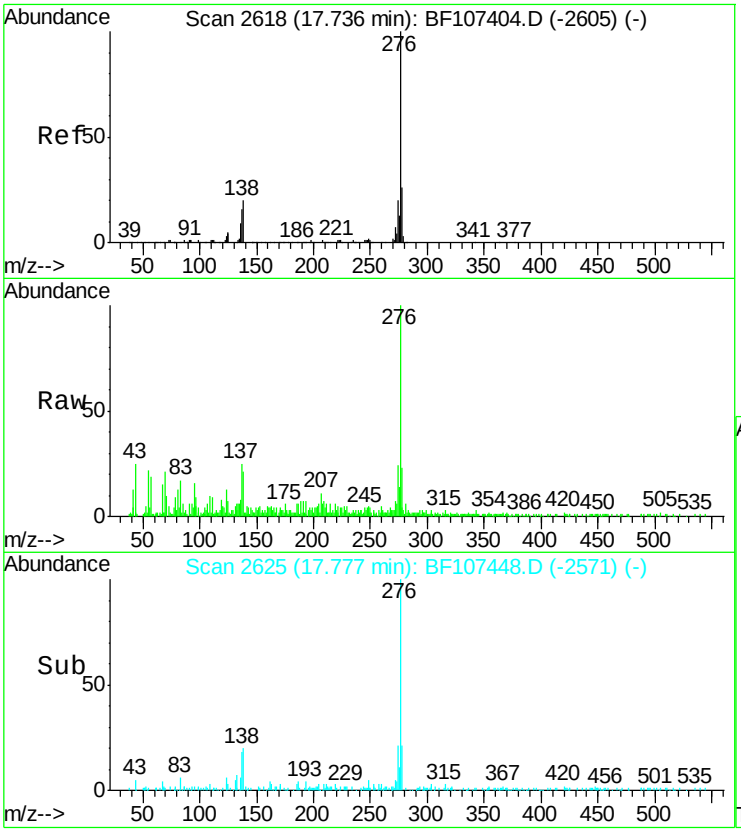


#90
Dibenzo(a,h)anthracene
Concen: 5.130 ng
RT: 17.31 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Tgt Ion:278 Resp: 55580

Ion	Ratio	Lower	Upper
278	100		
139	29.7	15.9	23.9#
279	26.3	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 16.566 ng
RT: 17.78 min Scan# 2625
Delta R.T. 0.02 min
Lab File: BF107448.D
Acq: 17 Jul 2018 14:43

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-B

Tgt Ion:276 Resp: 182378

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.0	21.8	32.8#