Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107446.D
Acq On : 17 Jul 2018 13:48
Operator : JU/SJ
Sample : J3829-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 17 14:56:55 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	135272	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	540805	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	284398	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	569768	20.00	ng		0.00
75) Chrysene-d12	14.18	240	370970	20.00	ng		0.00
86) Perylene-d12	15.72	264	342026	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	317877	35.69	ng		0.00
7) Phenol-d6	6.60	99	422561	36.69	ng		0.00
23) Nitrobenzene-d5	7.54	82	287184	28.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	89495	35.82	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	500455	21.20	ng		0.00
78) Terphenyl-d14	13.11	244	490058	32.82	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	47833	5.801	ng	#	70
25) Isophorone	7.54	82	287177	14.286	ng	#	64
31) Naphthalene	8.29	128	151526	5.768	ng		99
37) 2-Methylnaphthalene	8.98	142	77203	4.459	ng	#	87
48) Acenaphthylene	9.89	152	196315	7.243	ng		100
49) Dimethylphthalate	9.73	163	98638	4.365	ng		97
51) Acenaphthene	10.06	154	81560	4.539	ng		97
53) 2,4-Dinitrophenol	10.14	184	162	2.403	ng	#	30
54) Dibenzofuran	10.23	168	111358	4.011	ng		97
57) Fluorene	10.58	166	189889	10.327	ng		99
64) 4,6-Dinitro-2-methylphenol	10.59	198	360	7.589	ng	#	1
70) Phenanthrene	11.55	178	1128335	39.737	ng		98
71) Anthracene	11.59	178	424120	14.996	ng		99
72) Carbazole	11.75	167	74795	2.793	ng		98
74) Fluoranthene	12.75	202	2014325	62.415	ng		93
77) Pyrene	12.98	202	1859298	73.704	ng		98
80) Benzo(a)anthracene	14.21	228	950289	41.866	ng		93
82) Chrysene	14.21	228	950289	43.828	ng		97
85) Indeno(1,2,3-cd)pyrene	17.31	276	403687	26.156	ng	#	85
87) Benzo(b)fluoranthene	15.27	252	1649688	82.405	ng	#	92
88) Benzo(k)fluoranthene	15.27	252	1649688	84.439	ng	#	93
89) Benzo(a)pyrene	15.59	252	548319	29.841	ng		93
91) Benzo(g,h,i)perylene	17.79	276	374175	26.554	ng	#	85

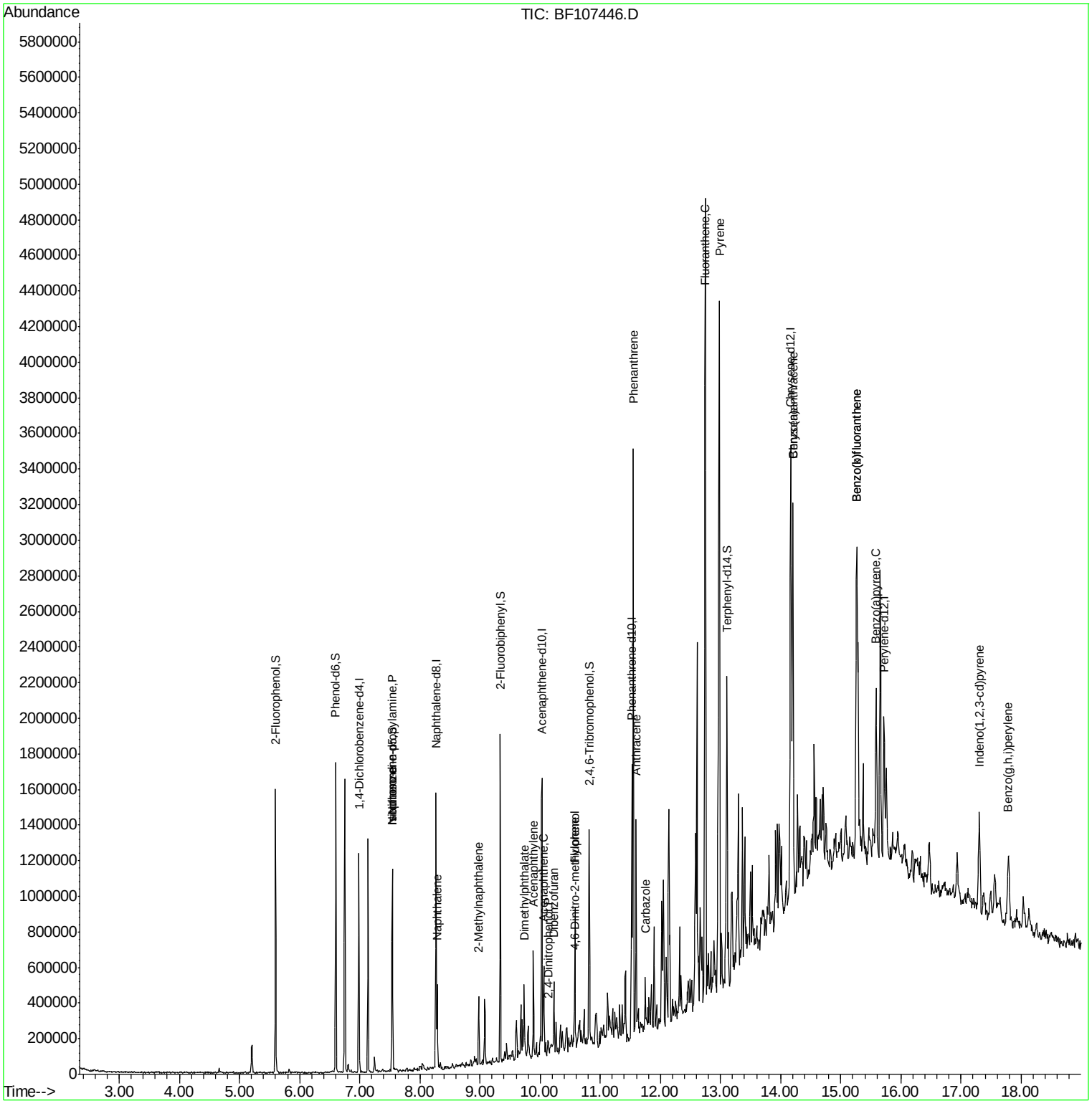
(#) = qualifier out of range (m) = manual integration (+) = signals summed

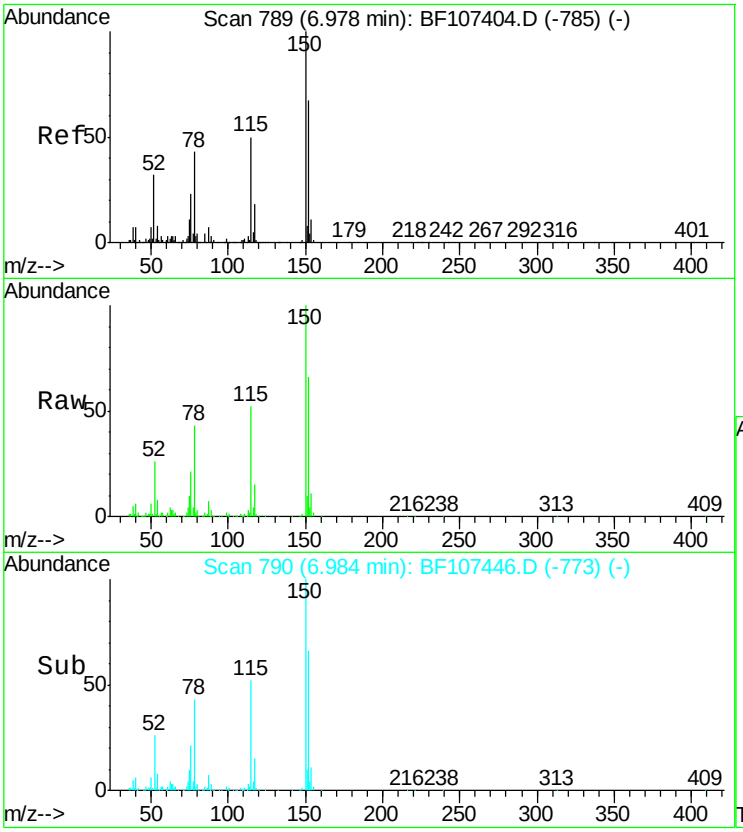
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107446.D
Acq On : 17 Jul 2018 13:48
Operator : JU/SJ
Sample : J3829-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 17 14:56:55 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



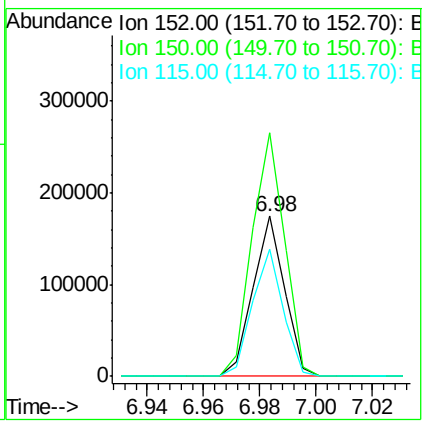


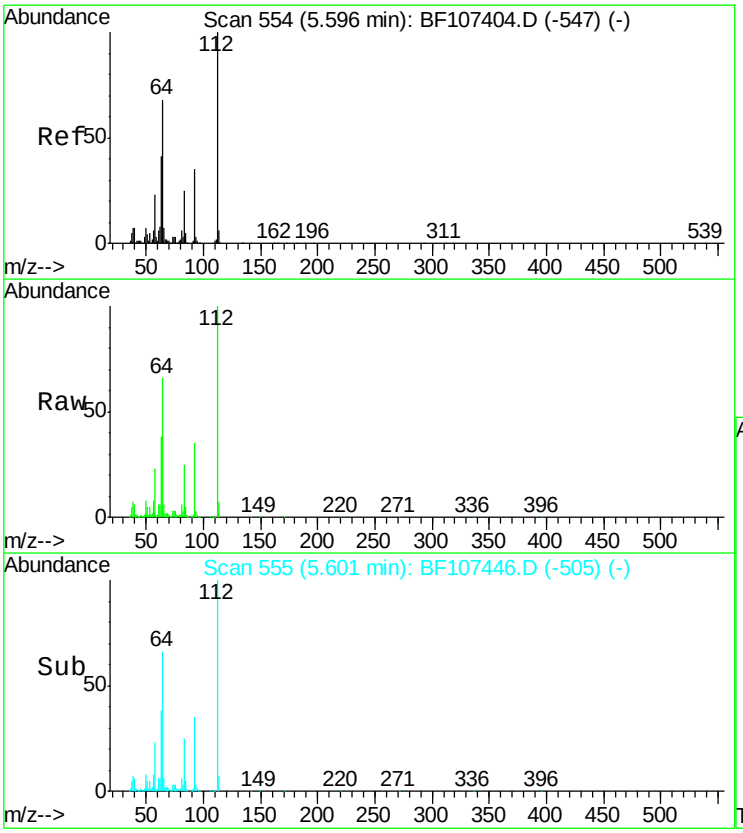
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:152 Resp: 135272

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	79.1	50.1	75.1#

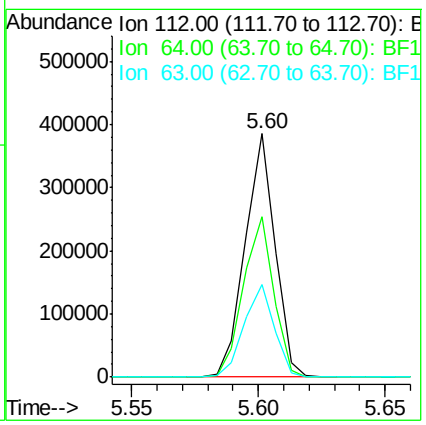


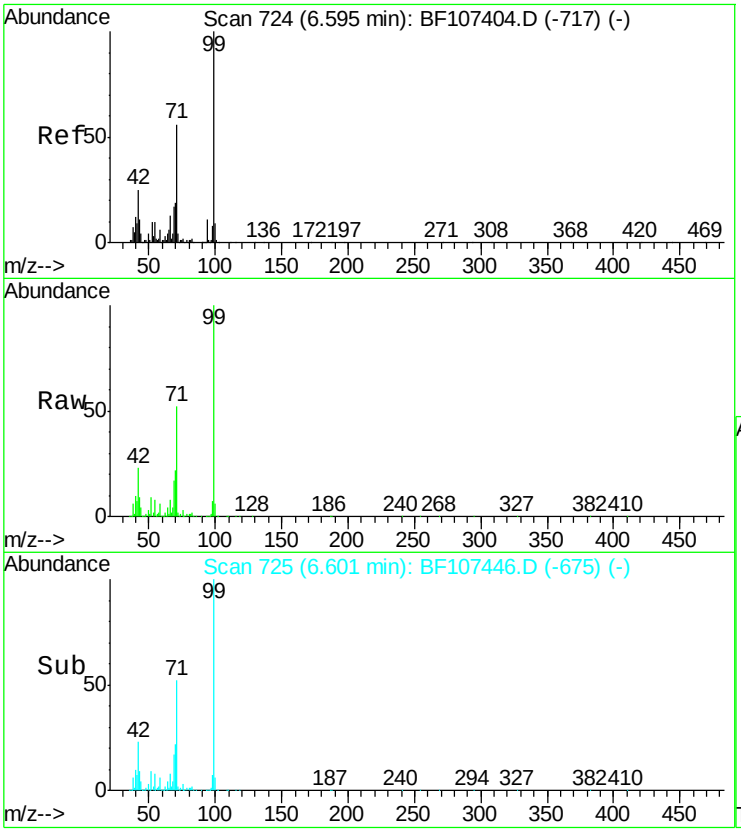


#5
2-Fluorophenol
Concen: 35.689 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:112 Resp: 317877

Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	38.1	23.7	35.5#



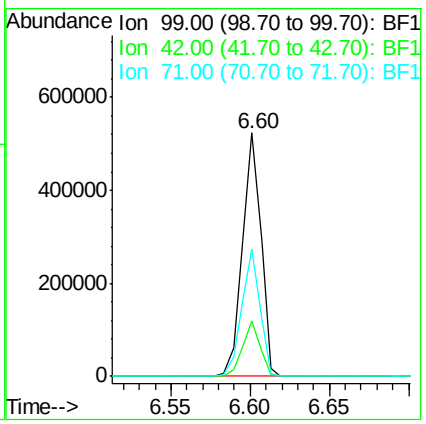


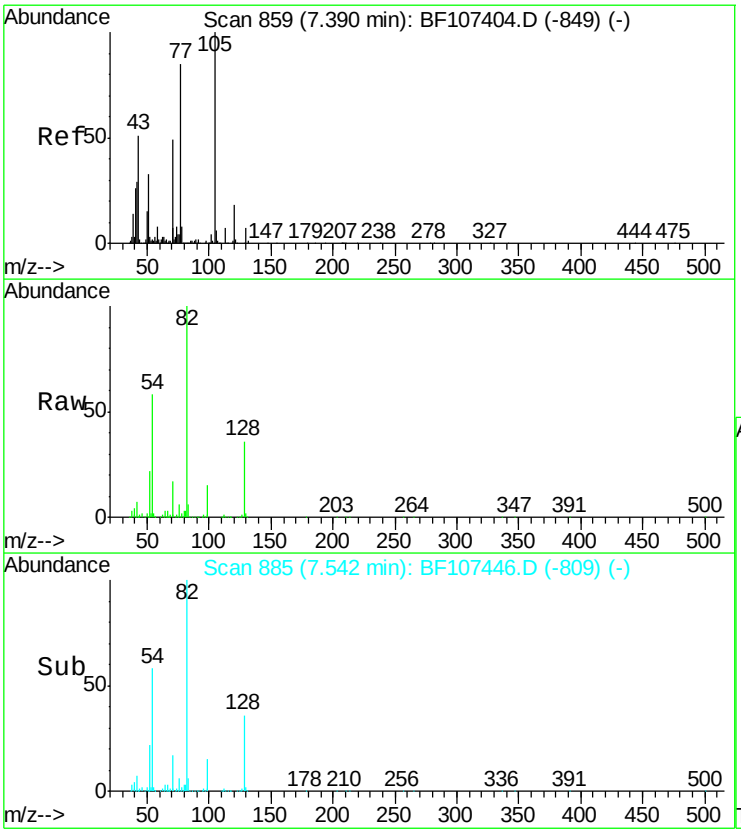
#7
Phenol-d6
Concen: 36.695 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion: 99 Resp: 422561

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	52.1	25.4	38.0#

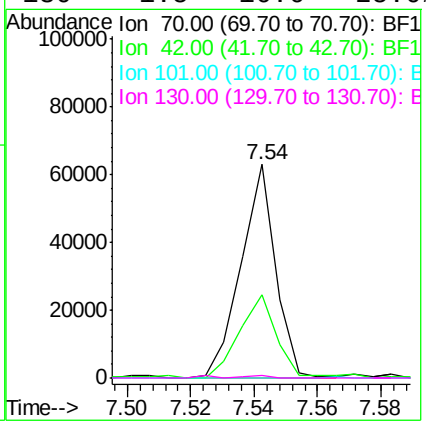


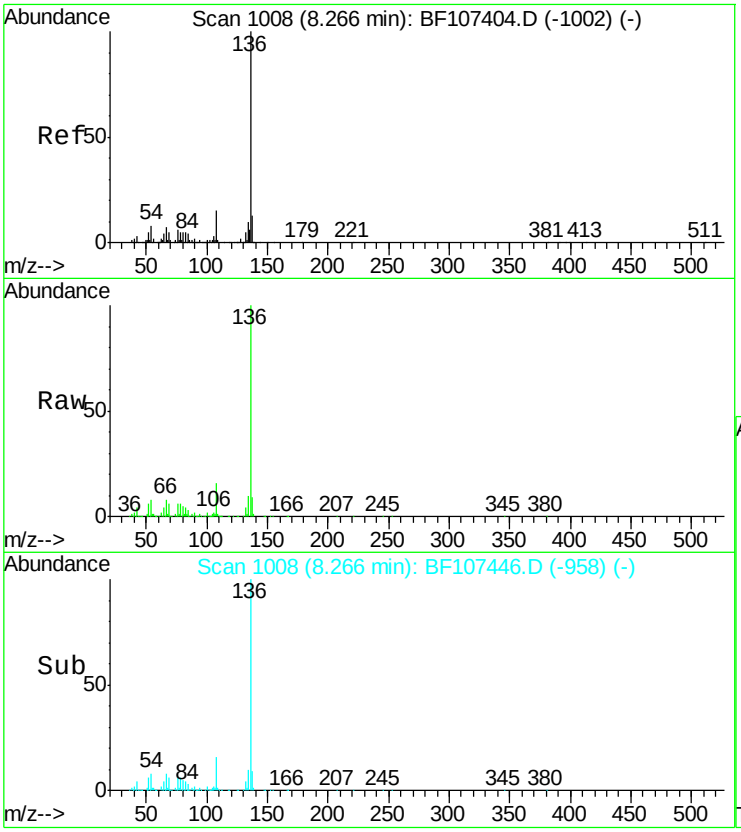


#19
n-Nitroso-di-n-propylamine
Concen: 5.801 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion: 70 Resp: 47833

Ion	Ratio	Lower	Upper
70	100		
42	38.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.5	16.6	25.0#



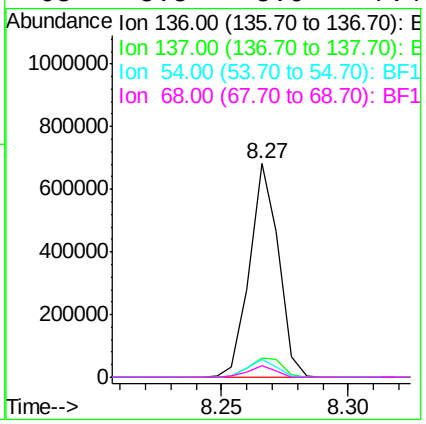


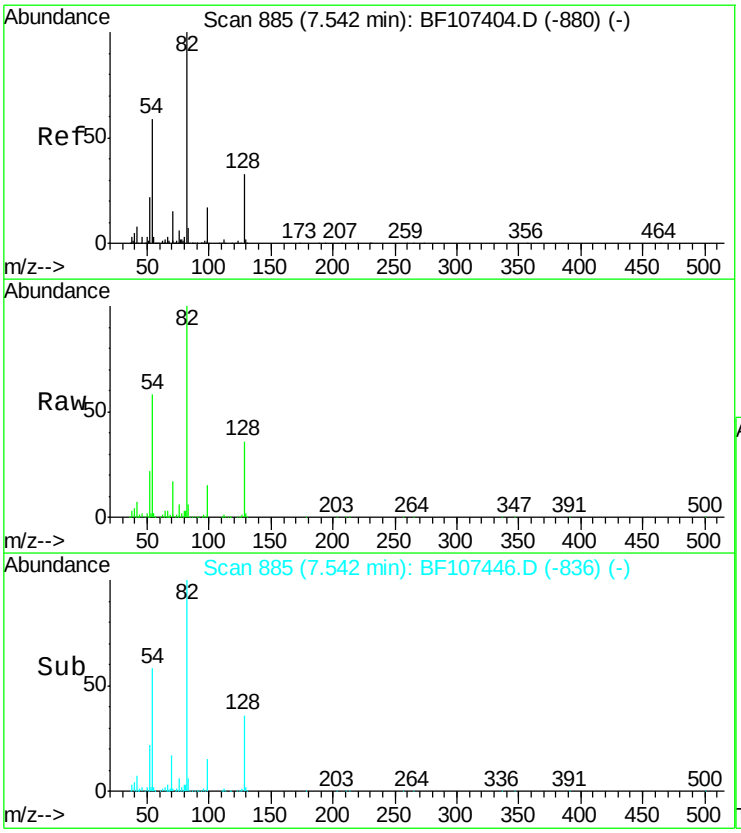
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:136 Resp: 540805

Ion	Ratio	Lower	Upper
136	100		
137	9.2	8.9	13.3
54	8.2	6.6	9.8
68	5.5	5.0	7.4

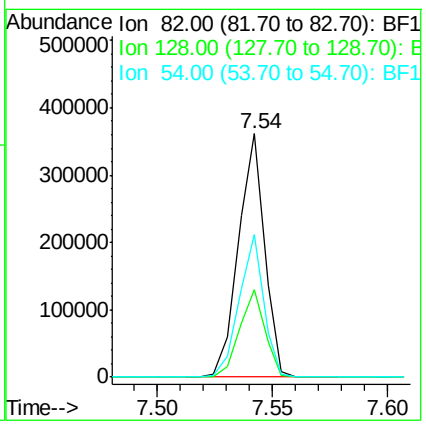


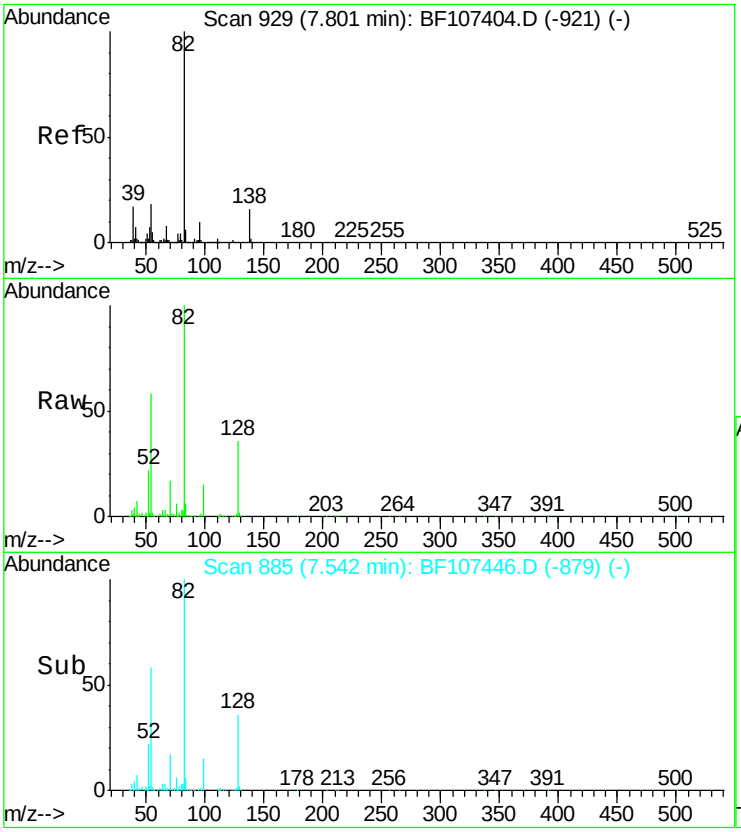


#23
Nitrobenzene-d5
Concen: 28.317 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion: 82 Resp: 287184

Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.1	54.1#
54	58.3	41.4	62.2



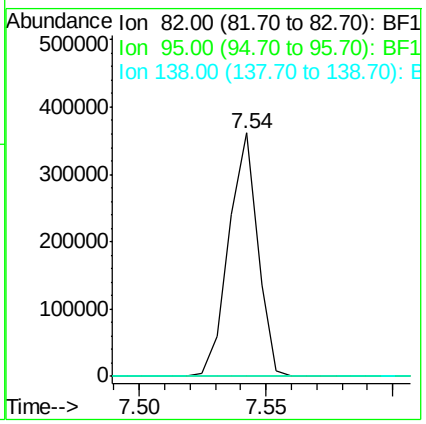


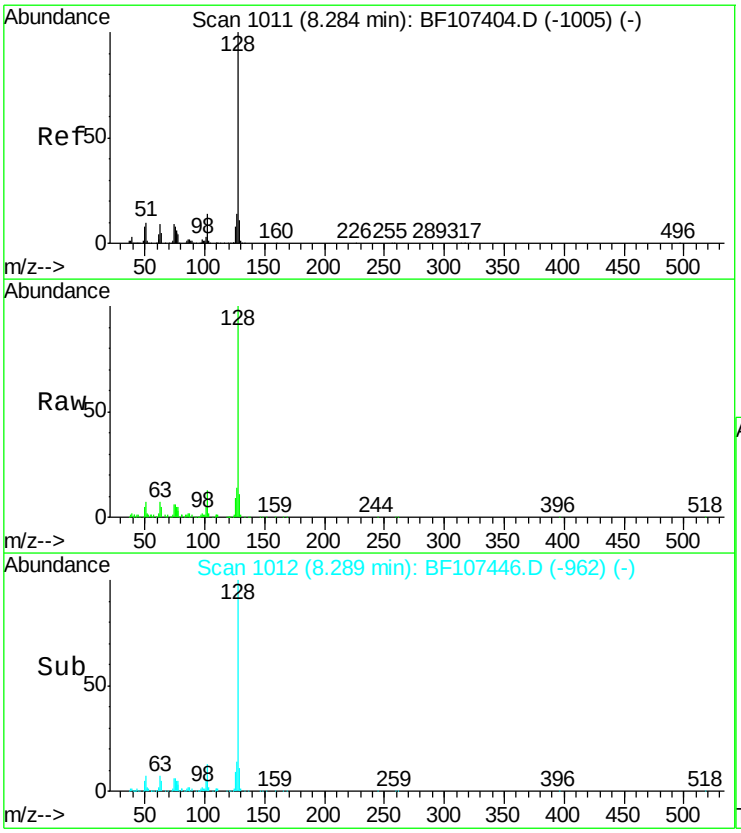
#25
Isophorone
Concen: 14.286 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion: 82 Resp: 287177

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

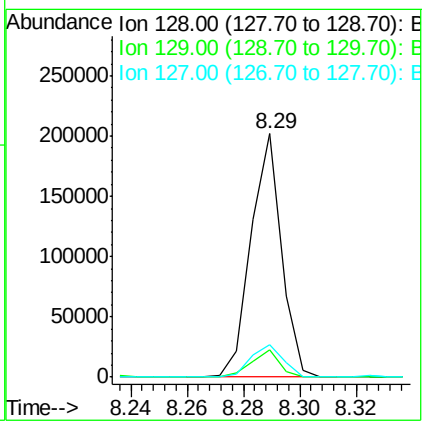


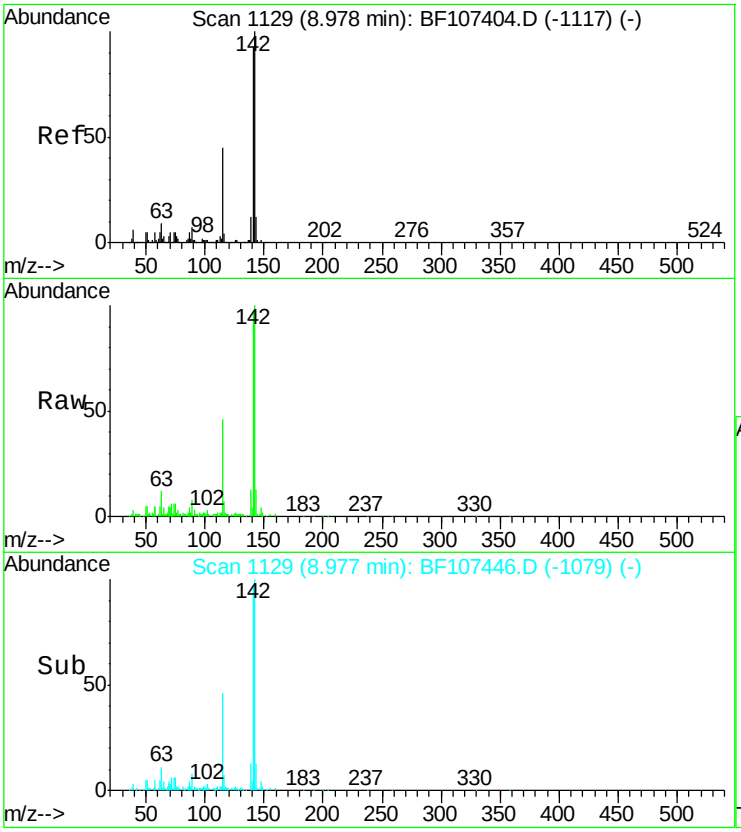


#31
Naphthalene
Concen: 5.768 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:128 Resp: 151526

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3



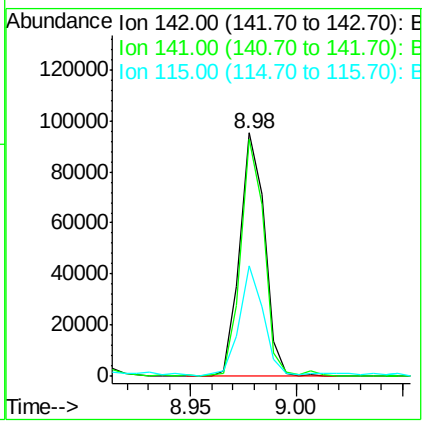


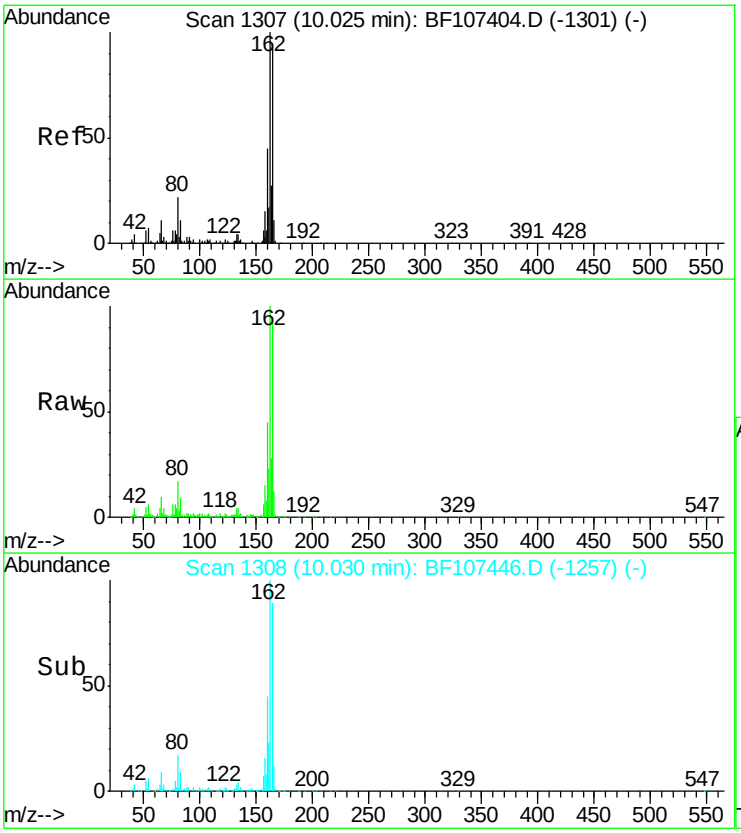
#37
2-Methylnaphthalene
Concen: 4.459 ng
RT: 8.98 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:142 Resp: 77203

Ion	Ratio	Lower	Upper
142	100		
141	97.4	70.8	106.2
115	45.6	26.1	39.1#

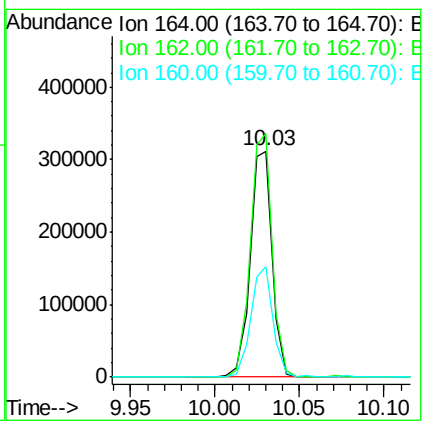


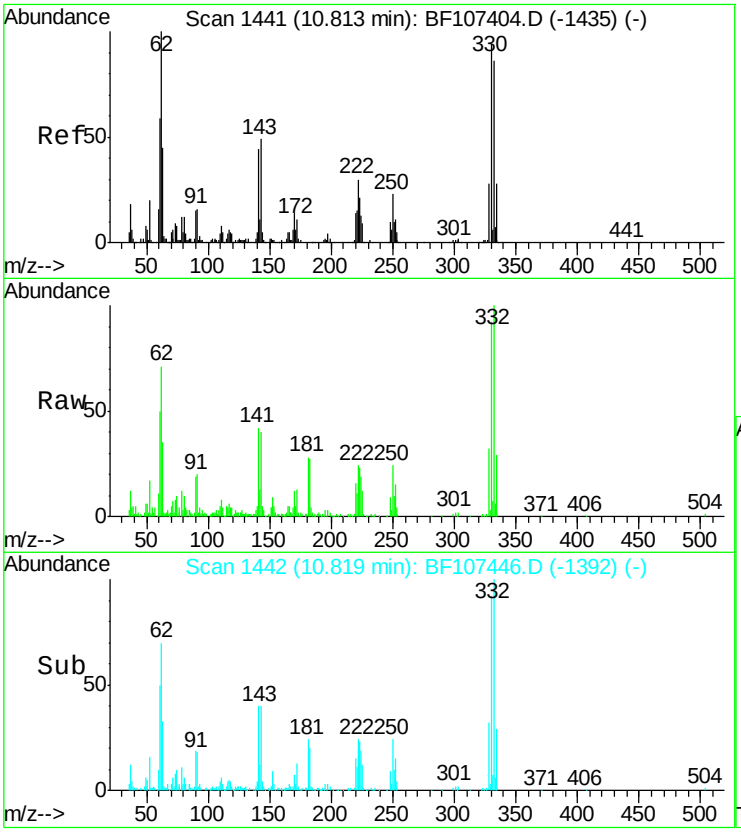


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:164 Resp: 284398

Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.1	129.1
160	48.8	38.3	57.5



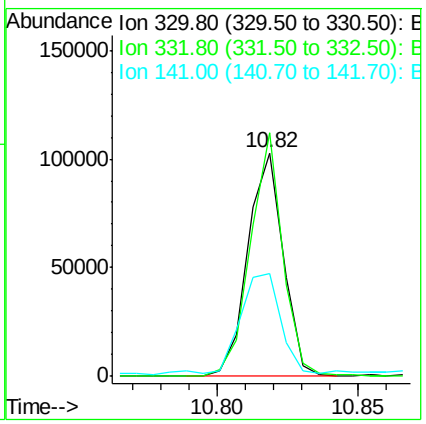


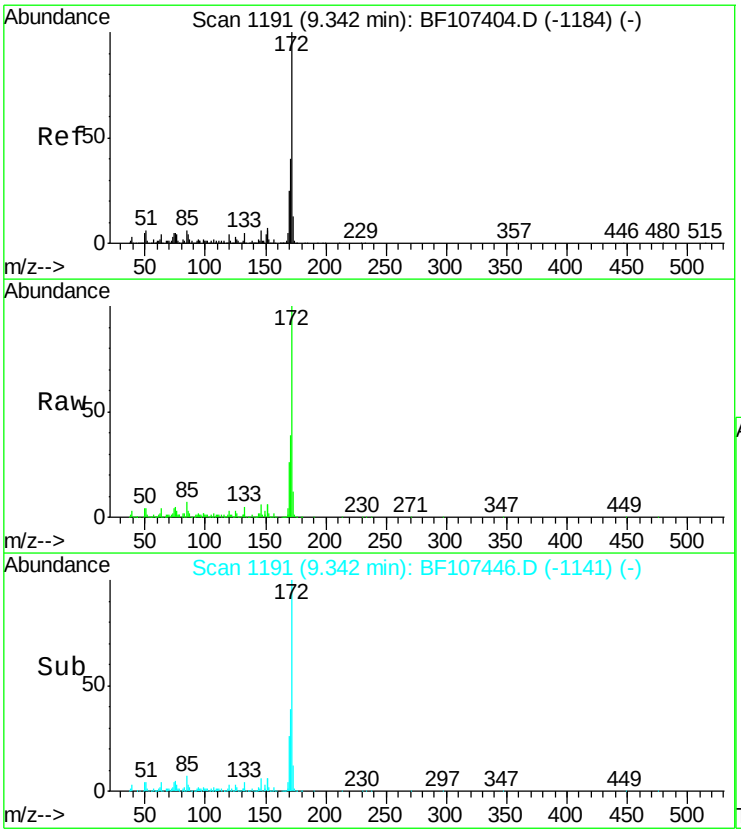
#41
2,4,6-Tribromophenol
Concen: 35.816 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:330 Resp: 89495

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.0	115.6
141	53.6	29.9	44.9#

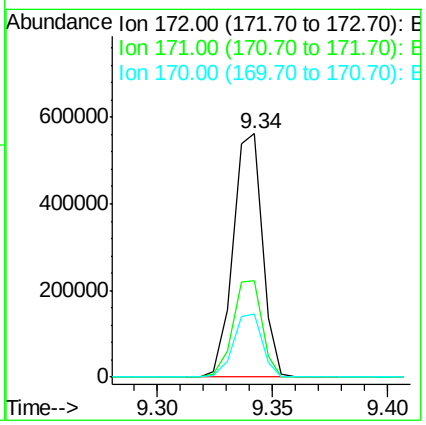


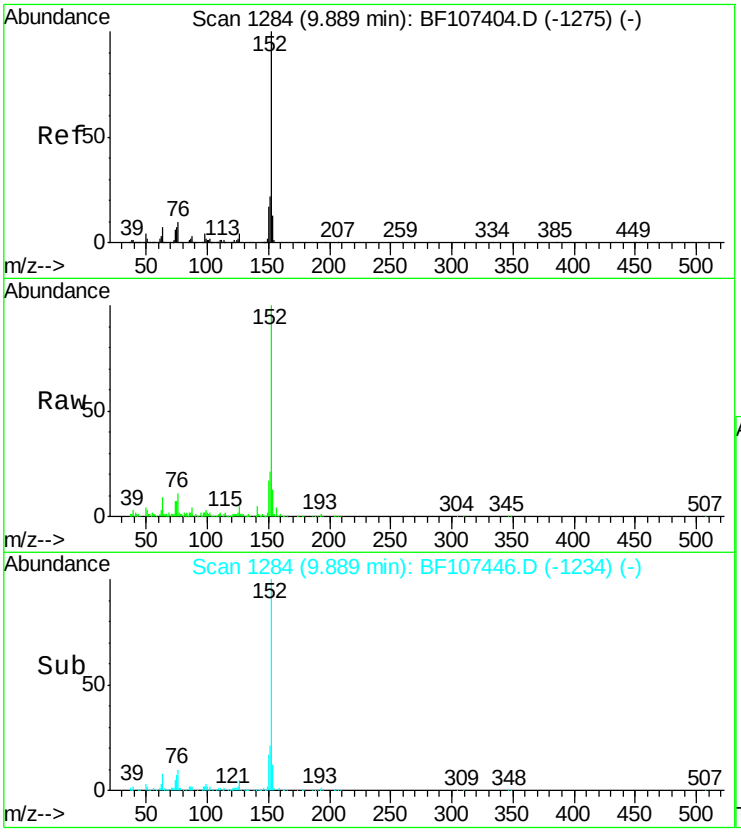


#44
2-Fluorobiphenyl
Concen: 21.205 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:172 Resp: 500455

Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.7	44.5
170	25.7	19.6	29.4



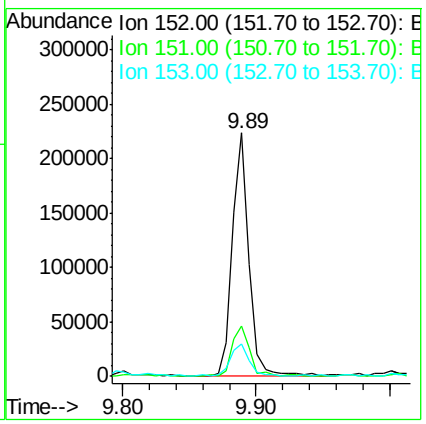


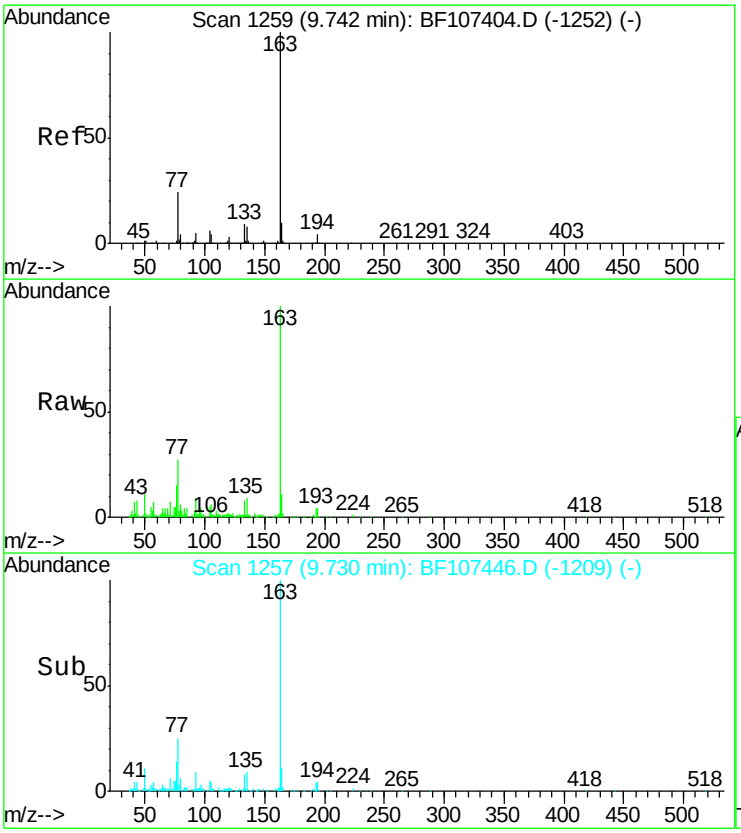
#48
Acenaphthylene
Concen: 7.243 ng
RT: 9.89 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:152 Resp: 196315

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.4	10.7	16.1

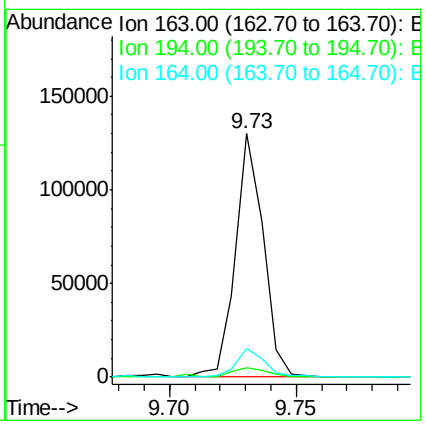


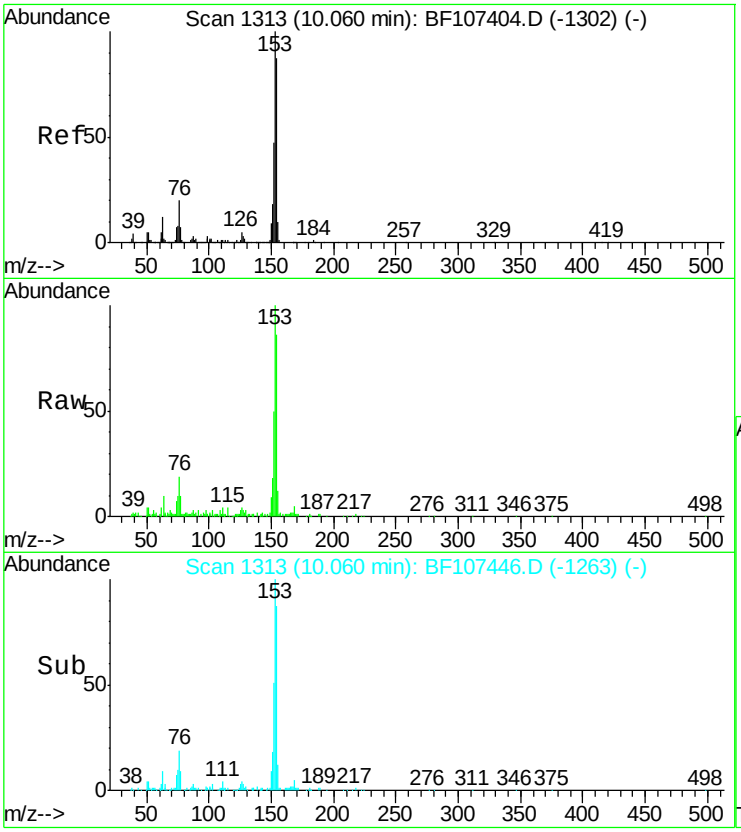


#49
Dimethylphthalate
Concen: 4.365 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:163 Resp: 98638

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.5	8.2	12.2



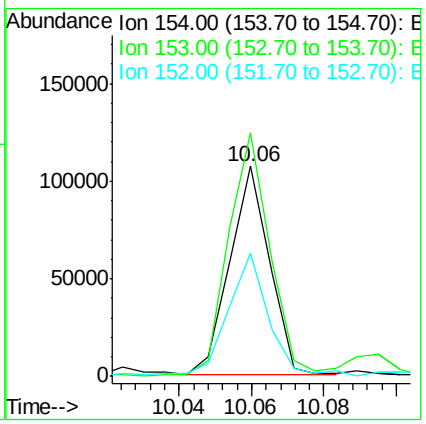


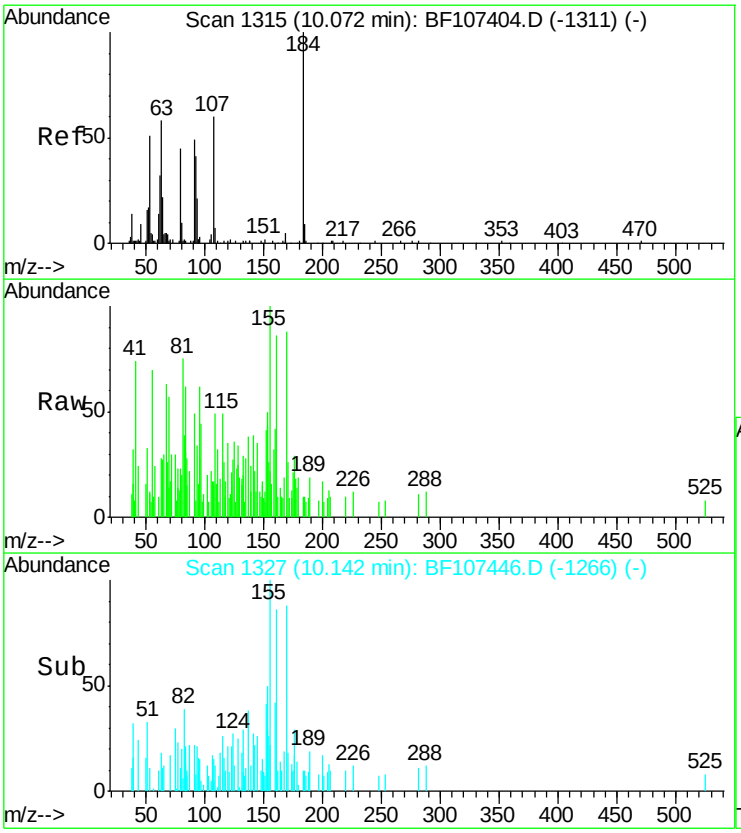
#51
Acenaphthene
Concen: 4.539 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:154 Resp: 81560

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.2	136.8
152	58.5	43.8	65.8

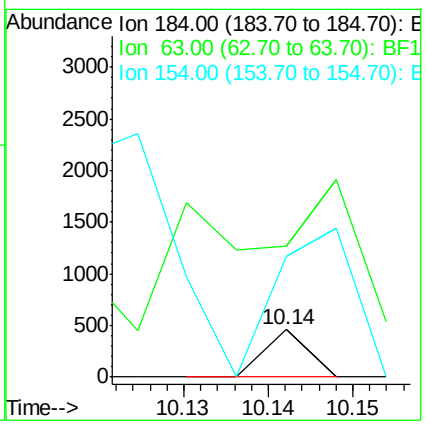


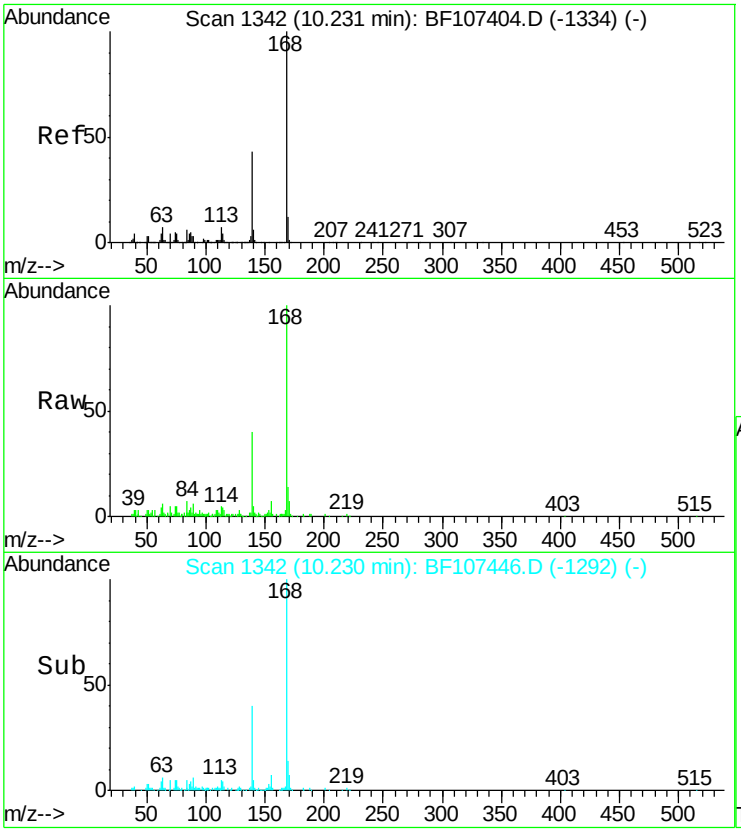


#53
2,4-Dinitrophenol
Concen: 2.403 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.06 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:184 Resp: 162

Ion	Ratio	Lower	Upper
184	100		
63	276.4	54.2	81.2#
154	254.1	184.0	276.0



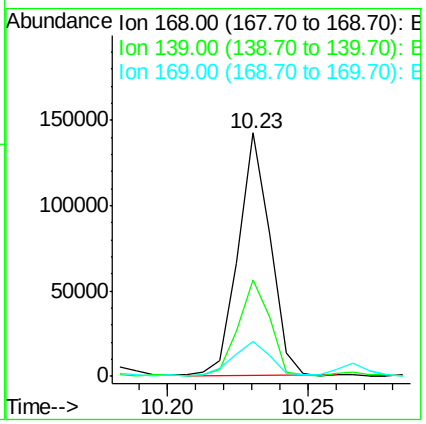


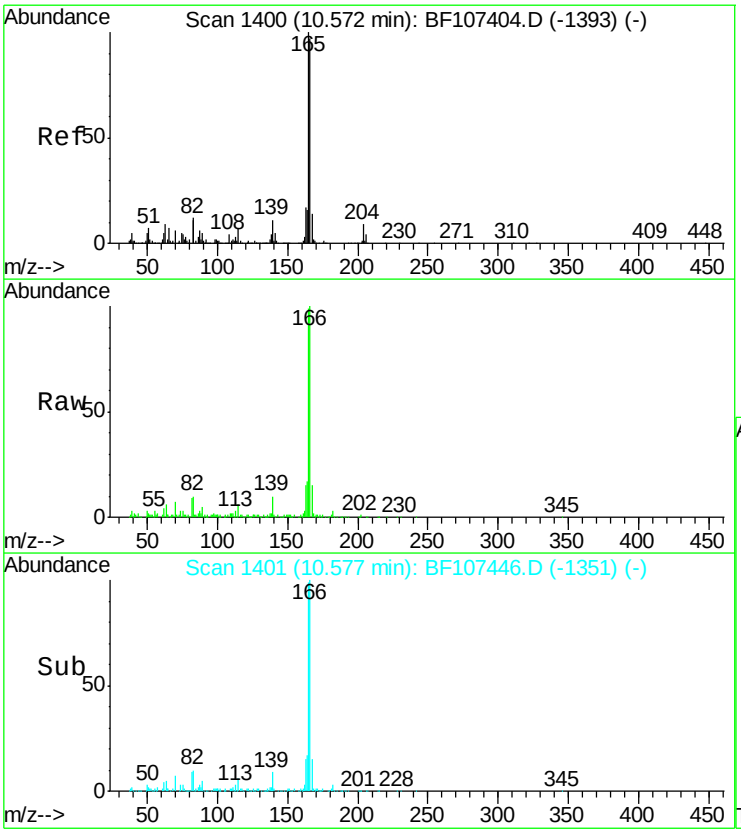
#54
Dibenzofuran
Concen: 4.011 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:168 Resp: 111358

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	14.5	10.9	16.3

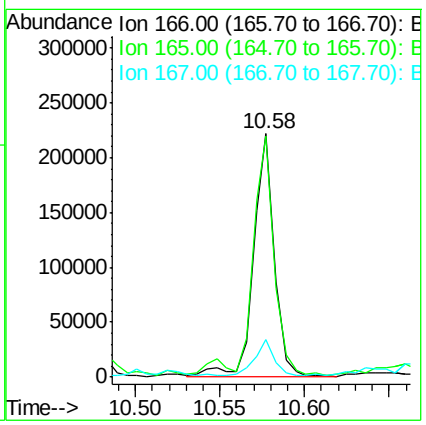


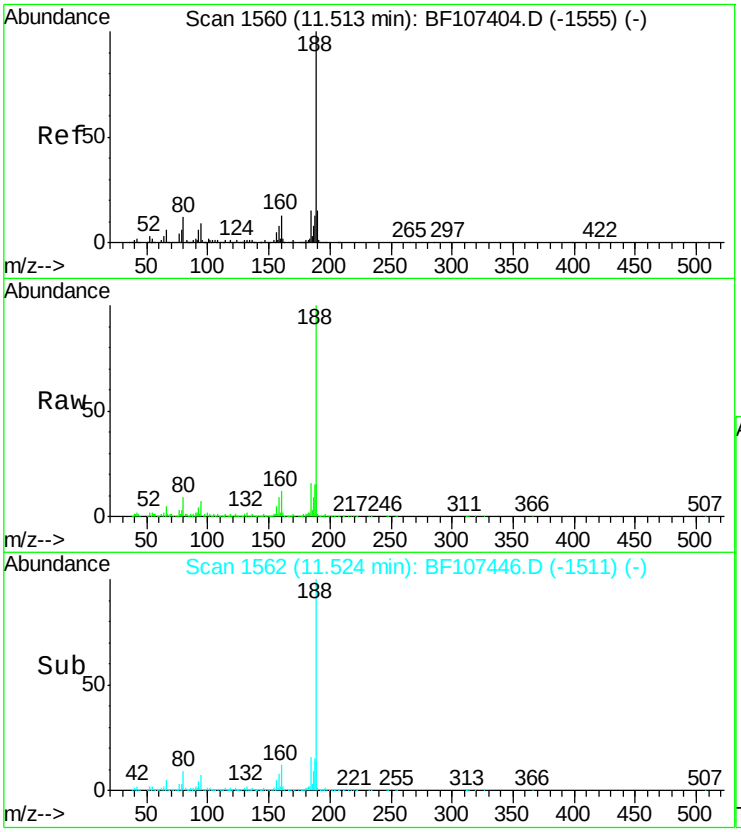


#57
Fluorene
Concen: 10.327 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:166 Resp: 189889

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	15.4	10.6	16.0



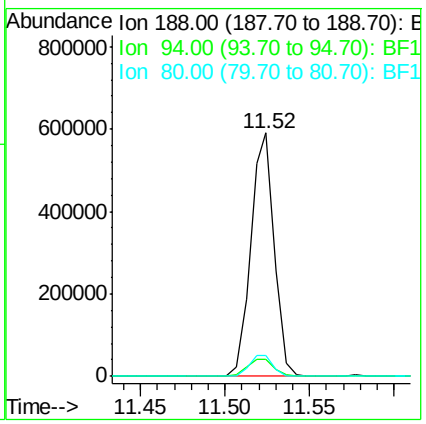


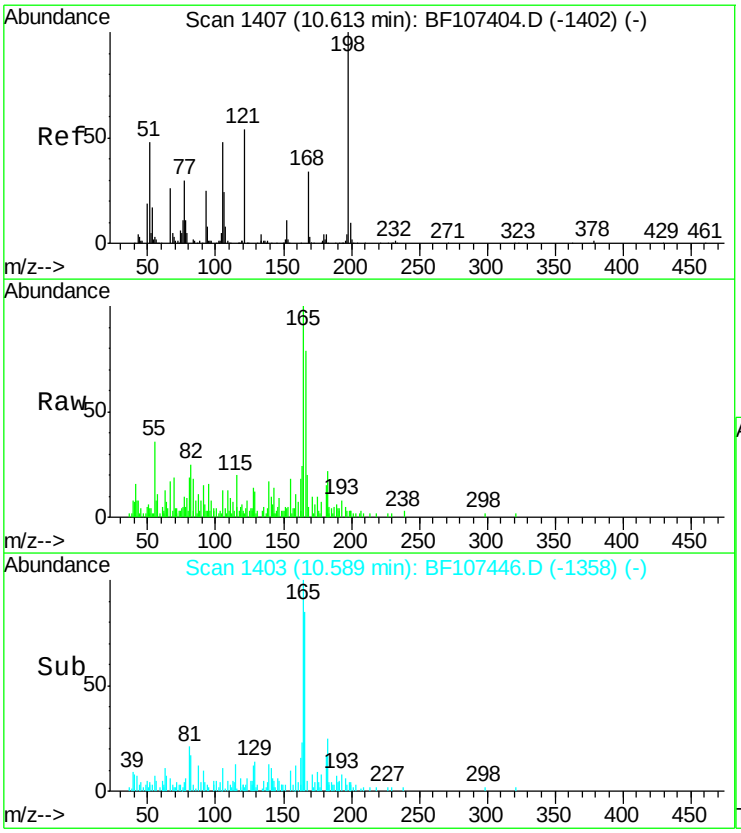
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:188 Resp: 569768

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	8.7	9.2	13.8#

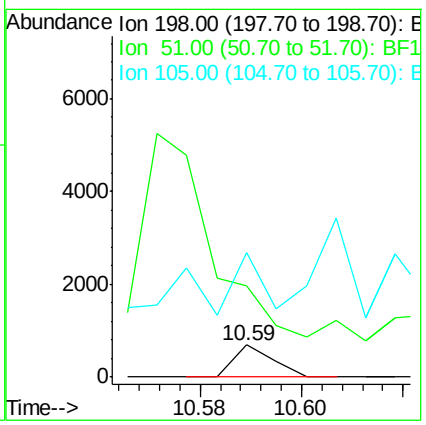


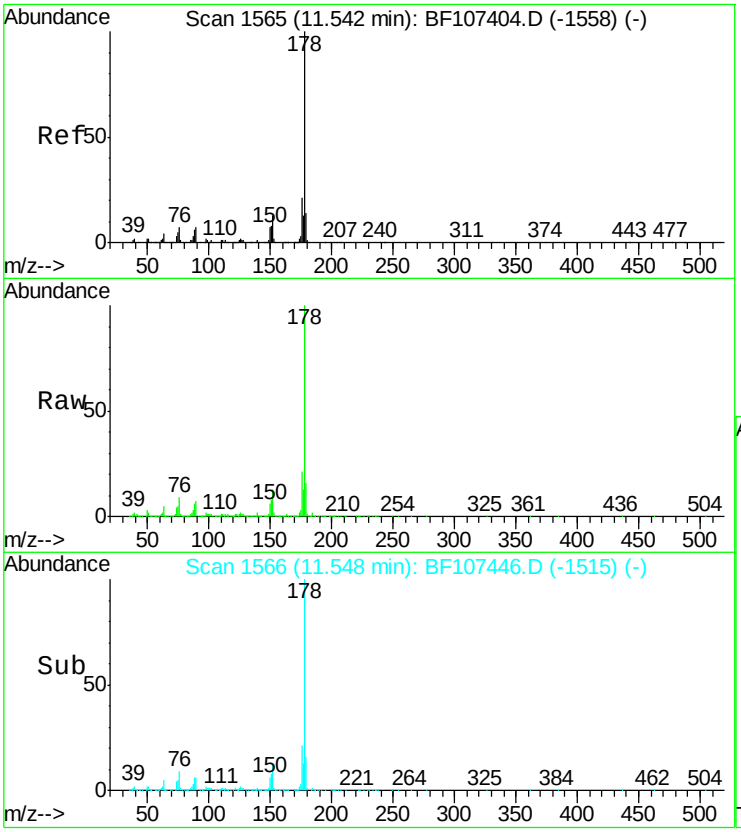


#64
4,6-Dinitro-2-methylphenol
Concen: 7.589 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.04 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:198 Resp: 360

Ion	Ratio	Lower	Upper
198	100		
51	285.4	37.7	77.7#
105	392.1	36.3	76.3#



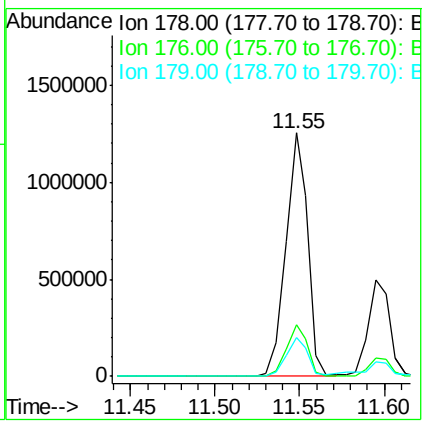


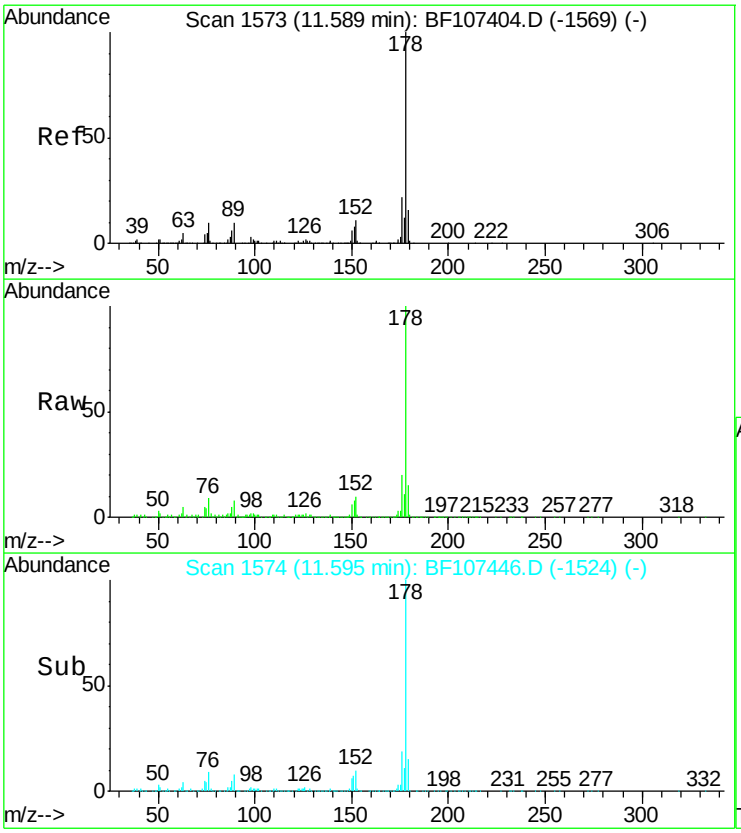
#70
Phenanthrene
Concen: 39.737 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:178 Resp: 1128335

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.8	23.8
179	15.8	13.0	19.6

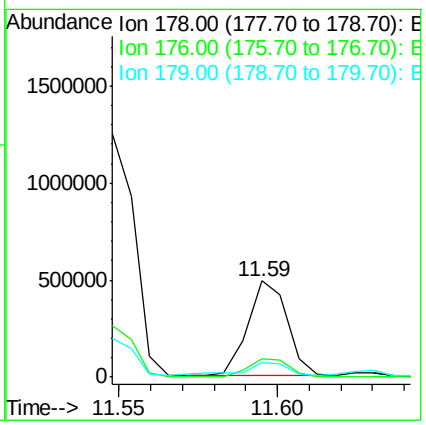


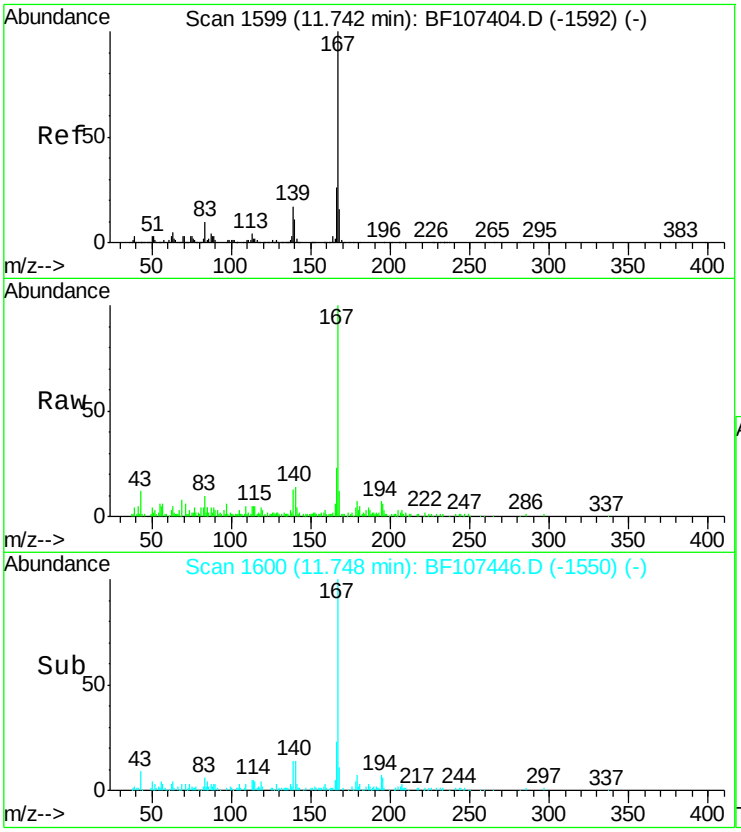


#71
Anthracene
Concen: 14.996 ng
RT: 11.59 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:178 Resp: 424120

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.3	12.6	19.0



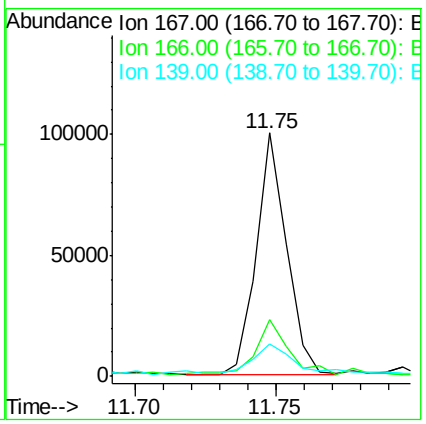


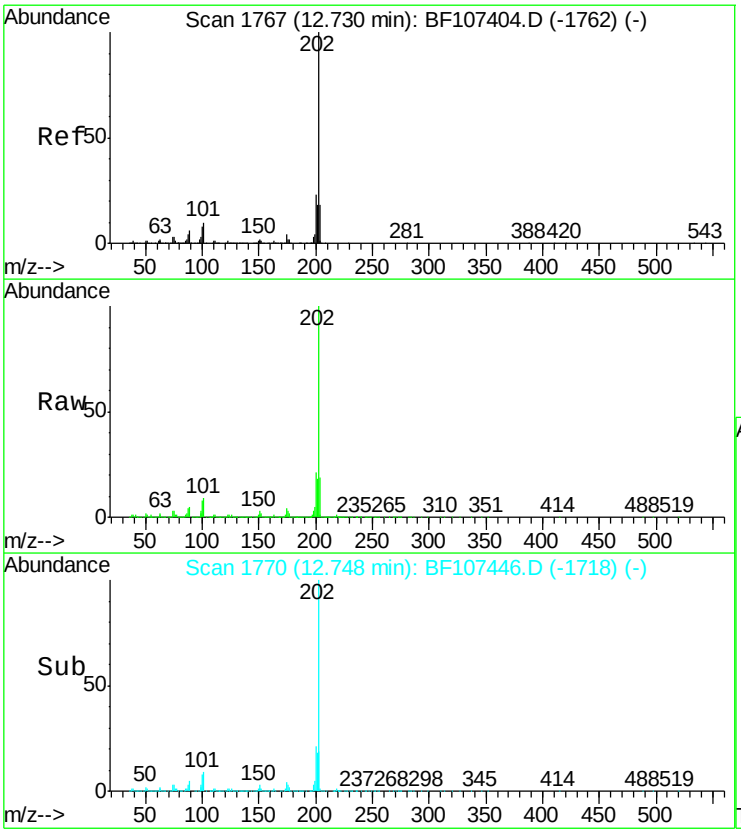
#72
Carbazole
Concen: 2.793 ng
RT: 11.75 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:167 Resp: 74795

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	13.4	10.9	16.3

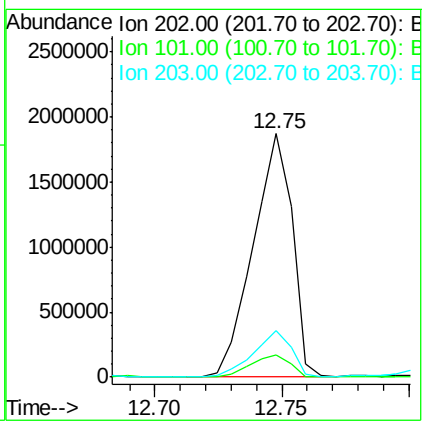


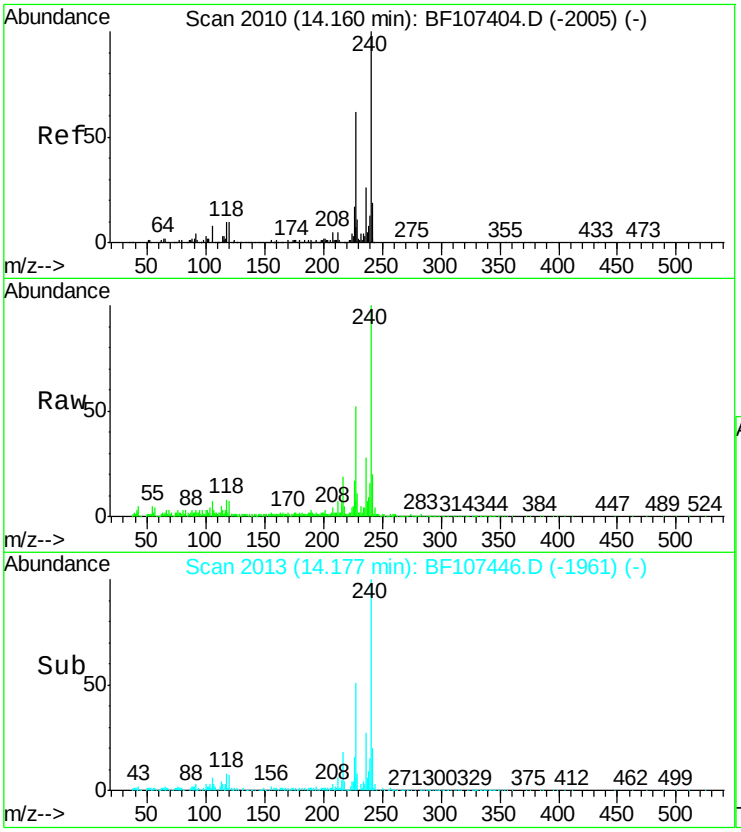


#74
Fluoranthene
Concen: 62.415 ng
RT: 12.75 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:202 Resp: 2014325

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	34.1
203	19.1	0.0	38.1



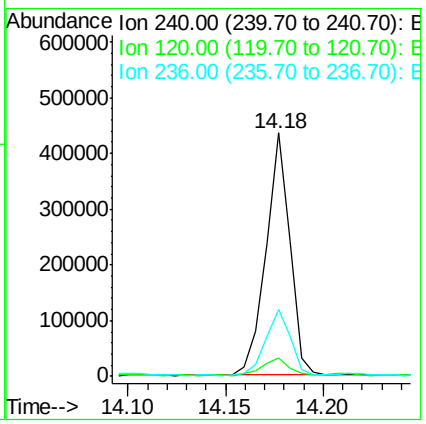


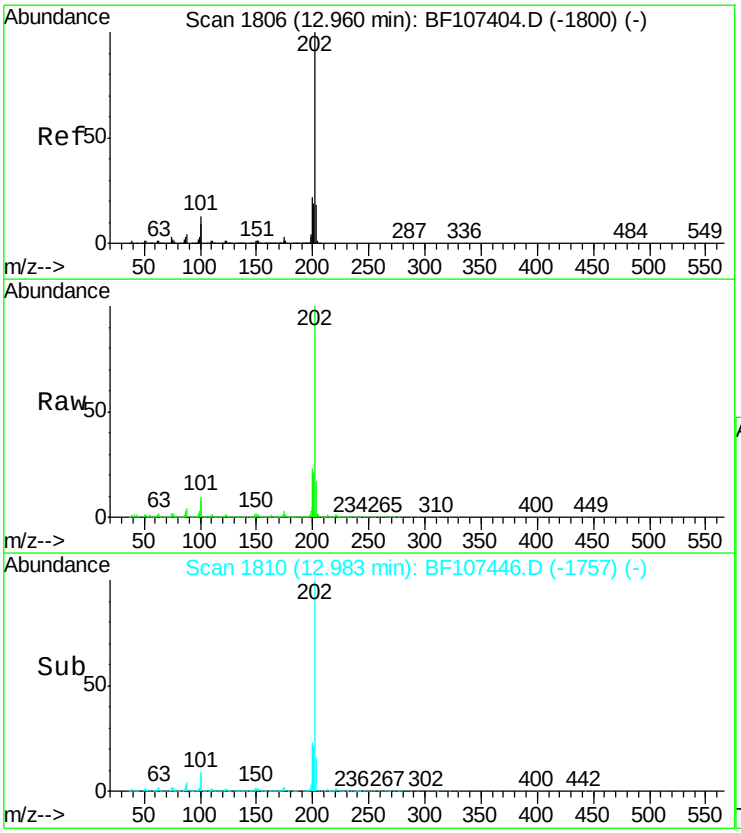
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:240 Resp: 370970

Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	27.5	20.7	31.1

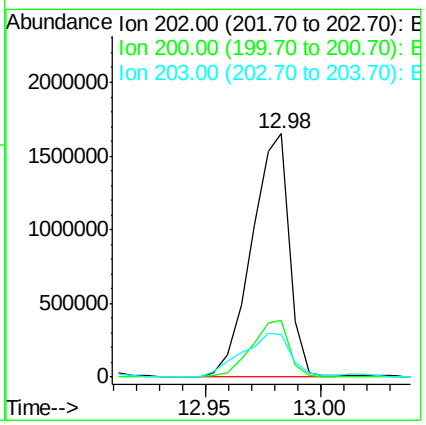


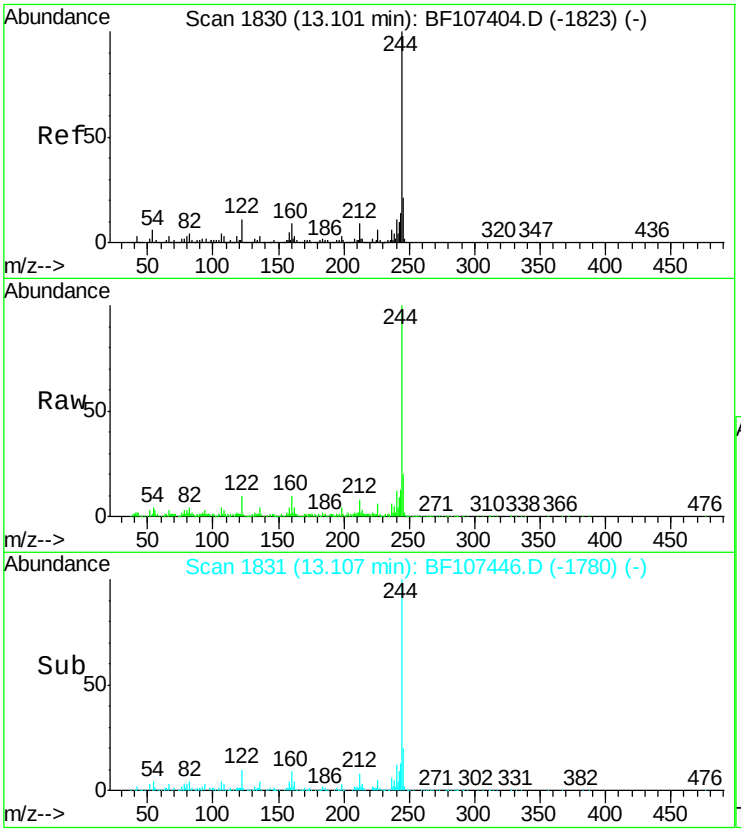


#77
Pyrene
Concen: 73.704 ng
RT: 12.98 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:202 Resp: 1859298

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	17.4	14.3	21.5



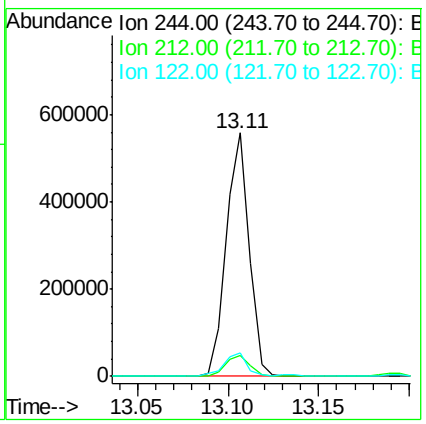


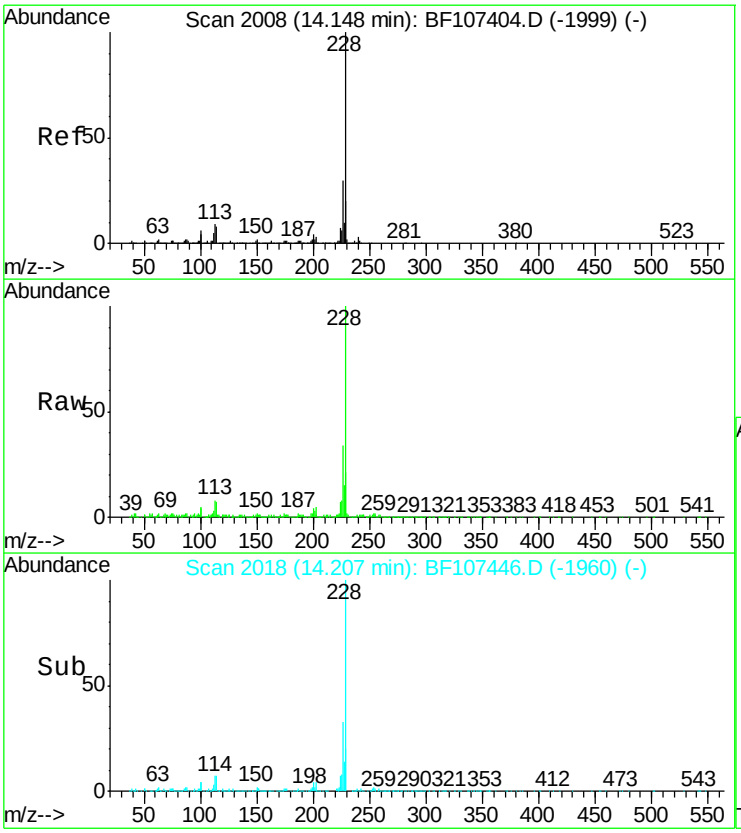
#78
Terphenyl-d14
Concen: 32.822 ng
RT: 13.11 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:244 Resp: 490058

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	9.8	11.0	16.4#

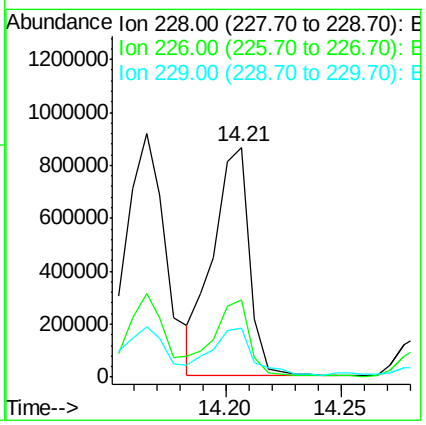


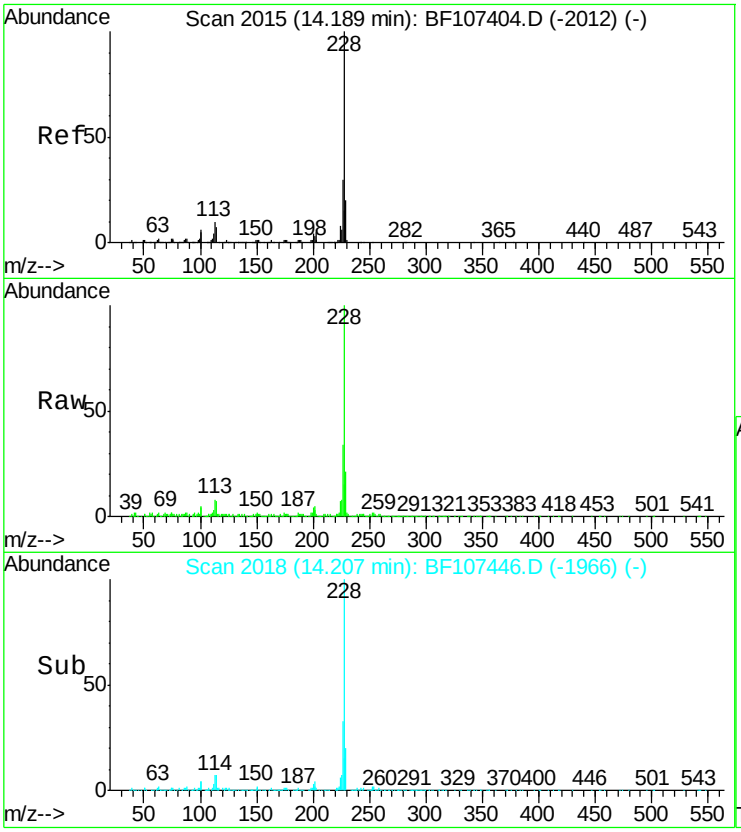


#80
Benzo(a)anthracene
Concen: 41.866 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.04 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:228 Resp: 950289

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	21.3	15.8	23.6



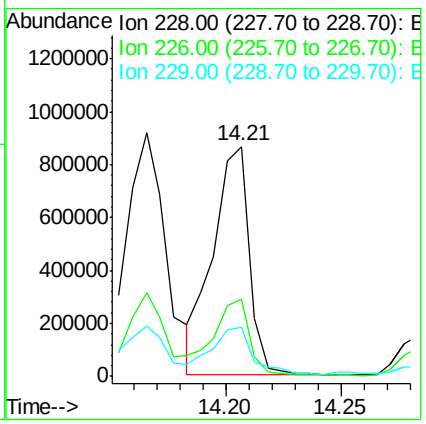


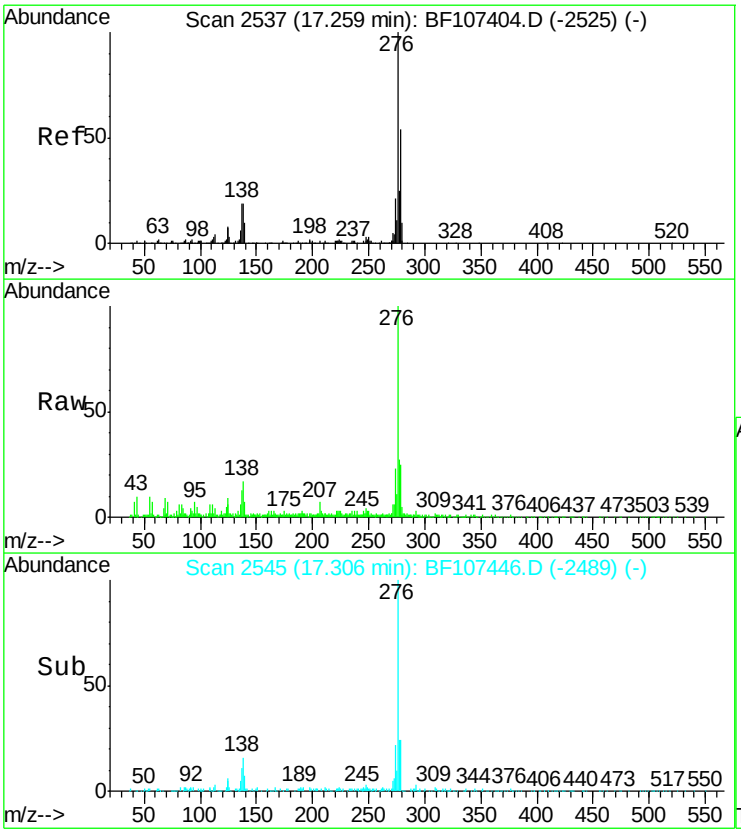
#82
Chrysene
Concen: 43.828 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:228 Resp: 950289

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.0	37.6
229	21.3	16.2	24.4

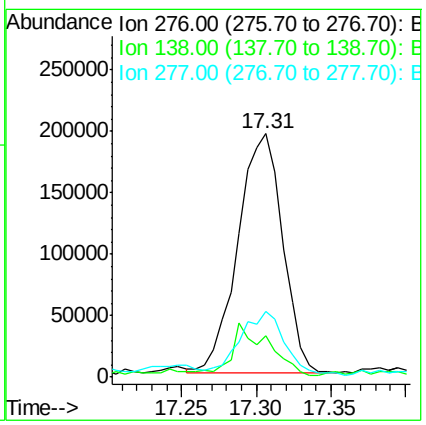


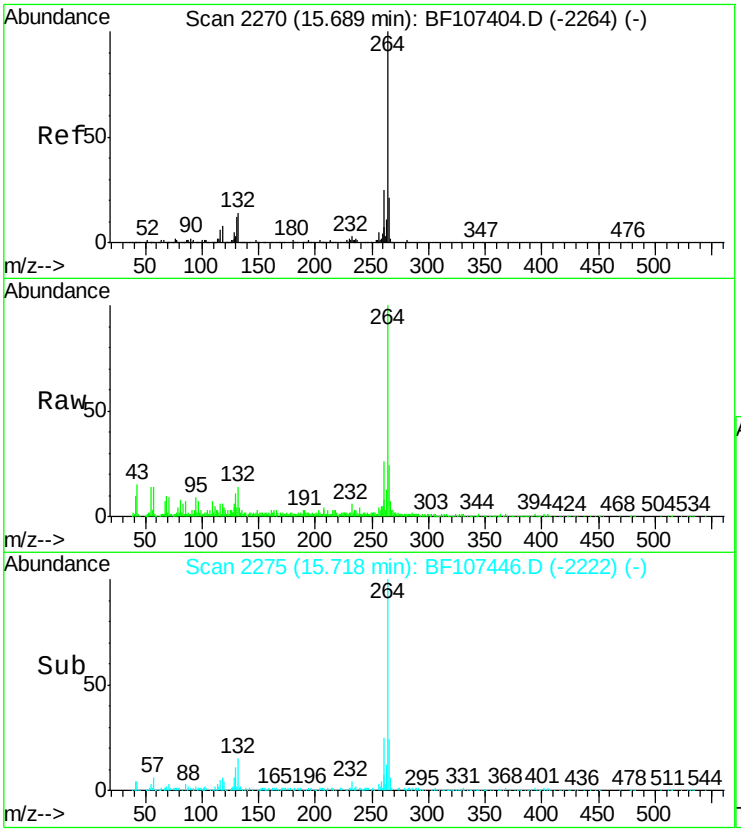


#85
Indeno(1,2,3-cd)pyrene
Concen: 26.156 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.03 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:276 Resp: 403687

Ion	Ratio	Lower	Upper
276	100		
138	17.8	25.0	37.6#
277	26.3	20.1	30.1



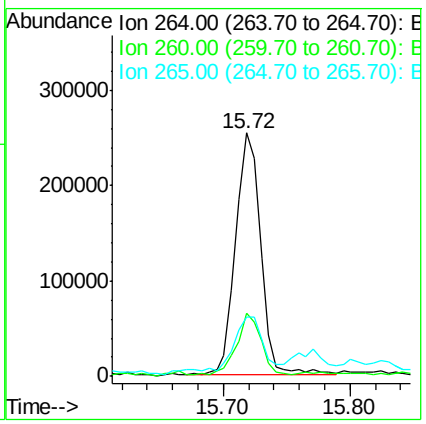


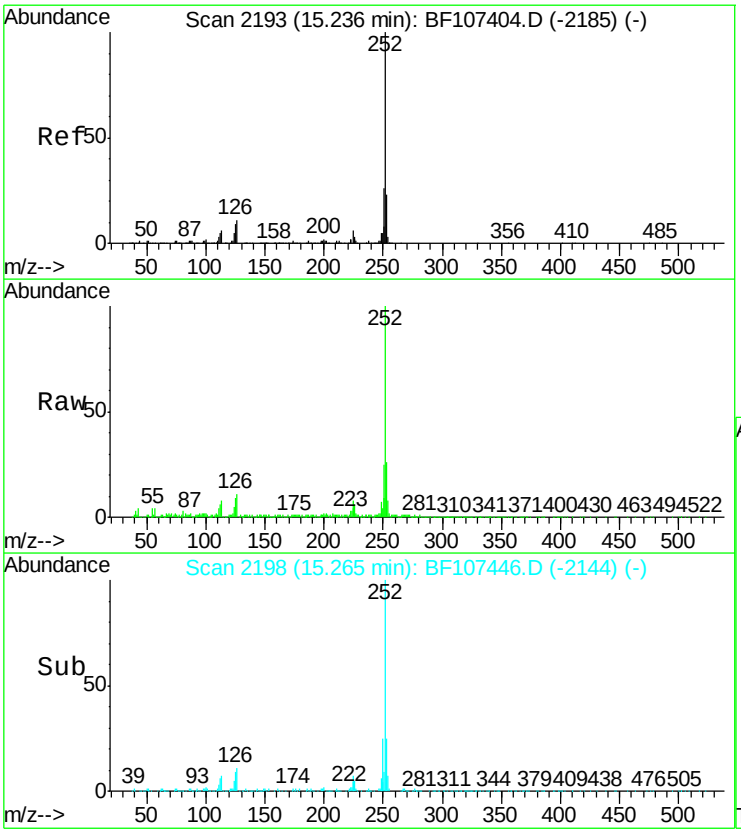
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:264 Resp: 342026

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	24.3	17.5	26.3

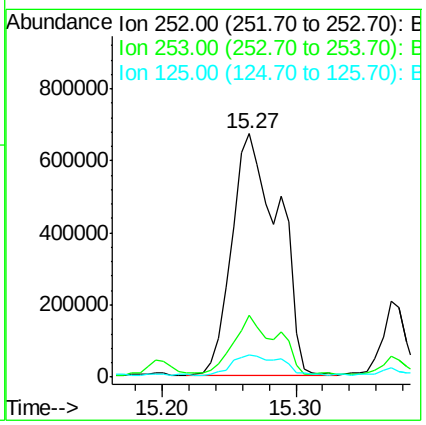


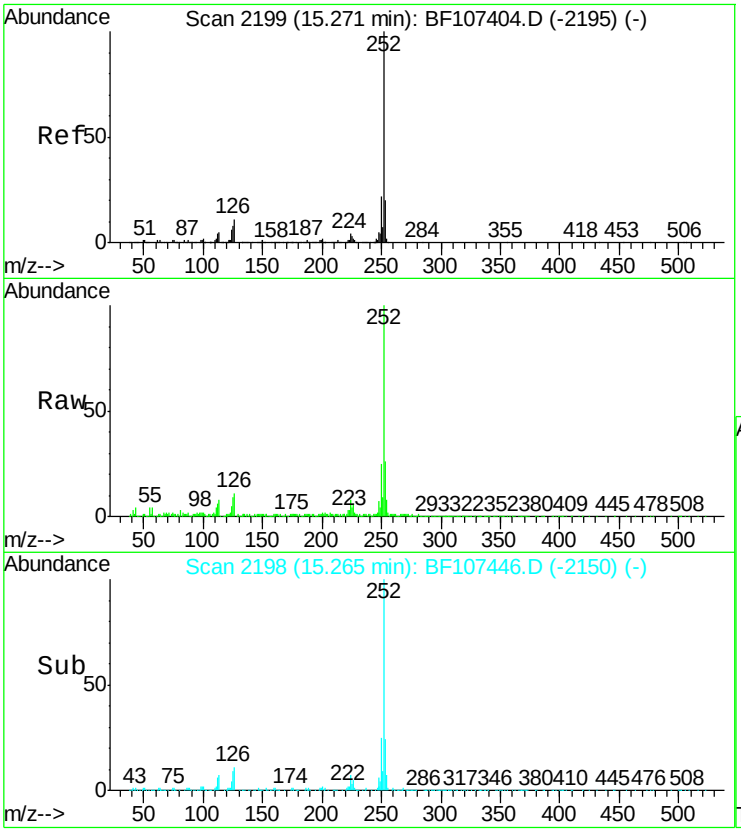


#87
Benzo(b)fluoranthene
Concen: 82.405 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.02 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:252 Resp: 1649688

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.6#
125	9.4	9.0	13.6



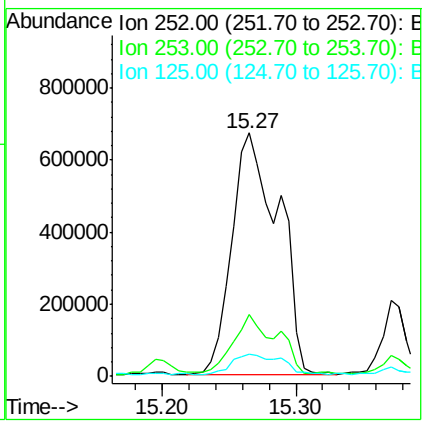


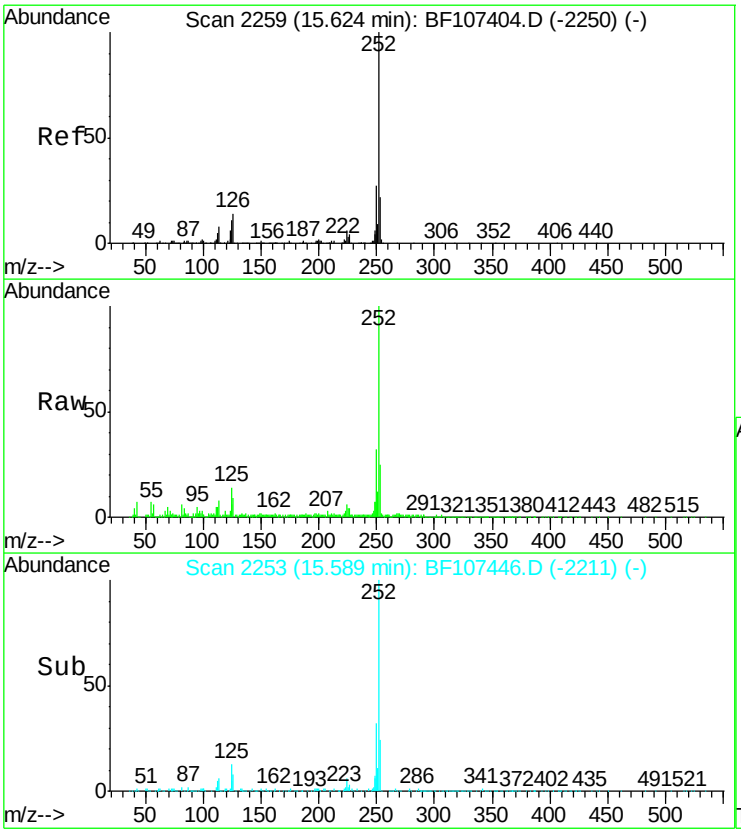
#88
Benzo(k)fluoranthene
Concen: 84.439 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:252 Resp: 1649688

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	9.4	10.2	15.2#

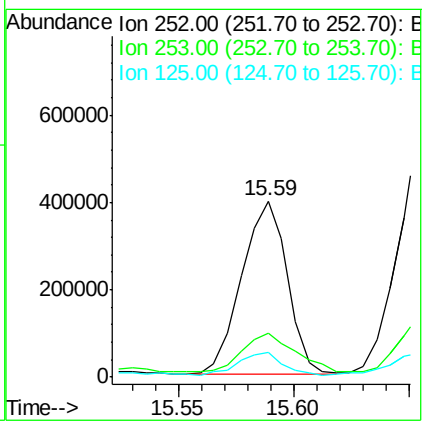


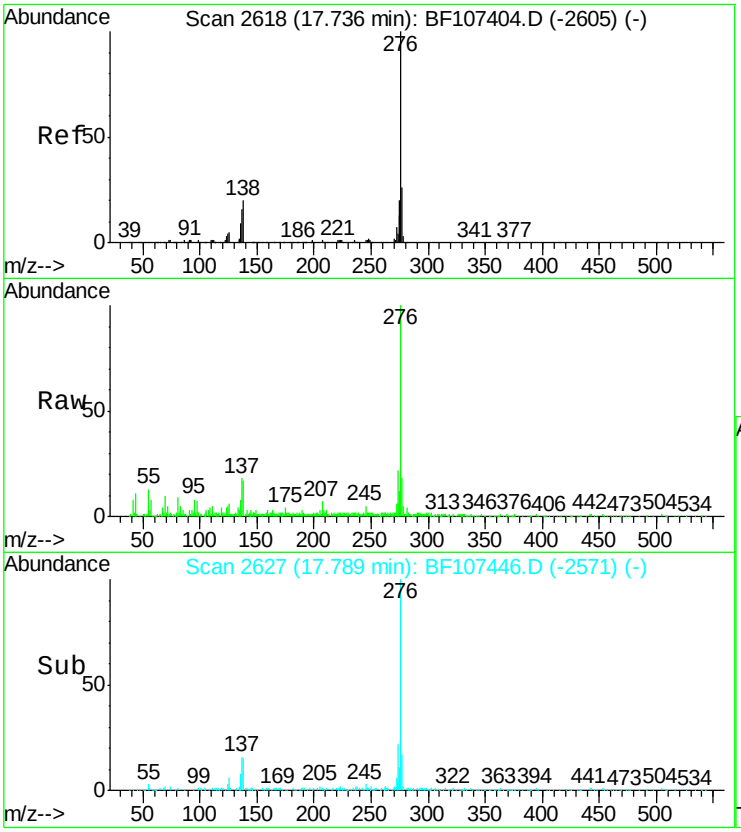


#89
Benzo(a)pyrene
Concen: 29.841 ng
RT: 15.59 min Scan# 2253
Delta R.T. -0.05 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

Tgt Ion:252 Resp: 548319

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	14.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 26.554 ng
RT: 17.79 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF107446.D
Acq: 17 Jul 2018 13:48

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

Tgt Ion:276 Resp: 374175

Ion	Ratio	Lower	Upper
276	100		
277	17.7	17.9	26.9#
138	17.0	21.8	32.8#