Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107138.D
Acq On : 5 Jul 2018 20:26
Operator : JU/SJ
Sample : J3814-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 06 04:13:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57468	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	210500	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	93896	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	171050	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	174195	20.00	ng		-0.03
86) Perylene-d12	15.68	264	128211	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	330125	97.27	ng		0.00
7) Phenol-d6	6.60	99	402858	95.05	ng		-0.02
23) Nitrobenzene-d5	7.51	82	244110	64.45	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	108523	99.72	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	457930	82.03	ng		-0.02
78) Terphenyl-d14	13.07	244	508407	70.70	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	31361	11.226	ng	#	75
25) Isophorone	7.51	82	244106	36.572	ng	#	64
49) Dimethylphthalate	9.70	163	77921	11.065	ng		98
56) 2,4-Dinitrotoluene	9.99	165	11771	6.047	ng	#	21
66) 4-Bromophenyl-phenylether	10.79	248	6838	3.350	ng	#	1
70) Phenanthrene	11.51	178	80112	9.710	ng		99
71) Anthracene	11.56	178	22702	2.696	ng		99
74) Fluoranthene	12.71	202	225296	24.776	ng		95
77) Pyrene	12.94	202	194951	16.972	ng		98
80) Benzo(a)anthracene	14.13	228	113710	10.710	ng		99
82) Chrysene	14.17	228	108248	11.083	ng		97
83) Bis(2-ethylhexyl)phthalate	14.08	149	28202	4.671	ng		95
85) Indeno(1,2,3-cd)pyrene	17.25	276	41234	4.975	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	159935	20.081	ng		97
88) Benzo(k)fluoranthene	15.34	252	17729	2.338	ng		95
89) Benzo(a)pyrene	15.61	252	74937	10.584	ng		96
91) Benzo(g,h,i)perylene	17.74	276	40256	6.864	ng	#	89

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

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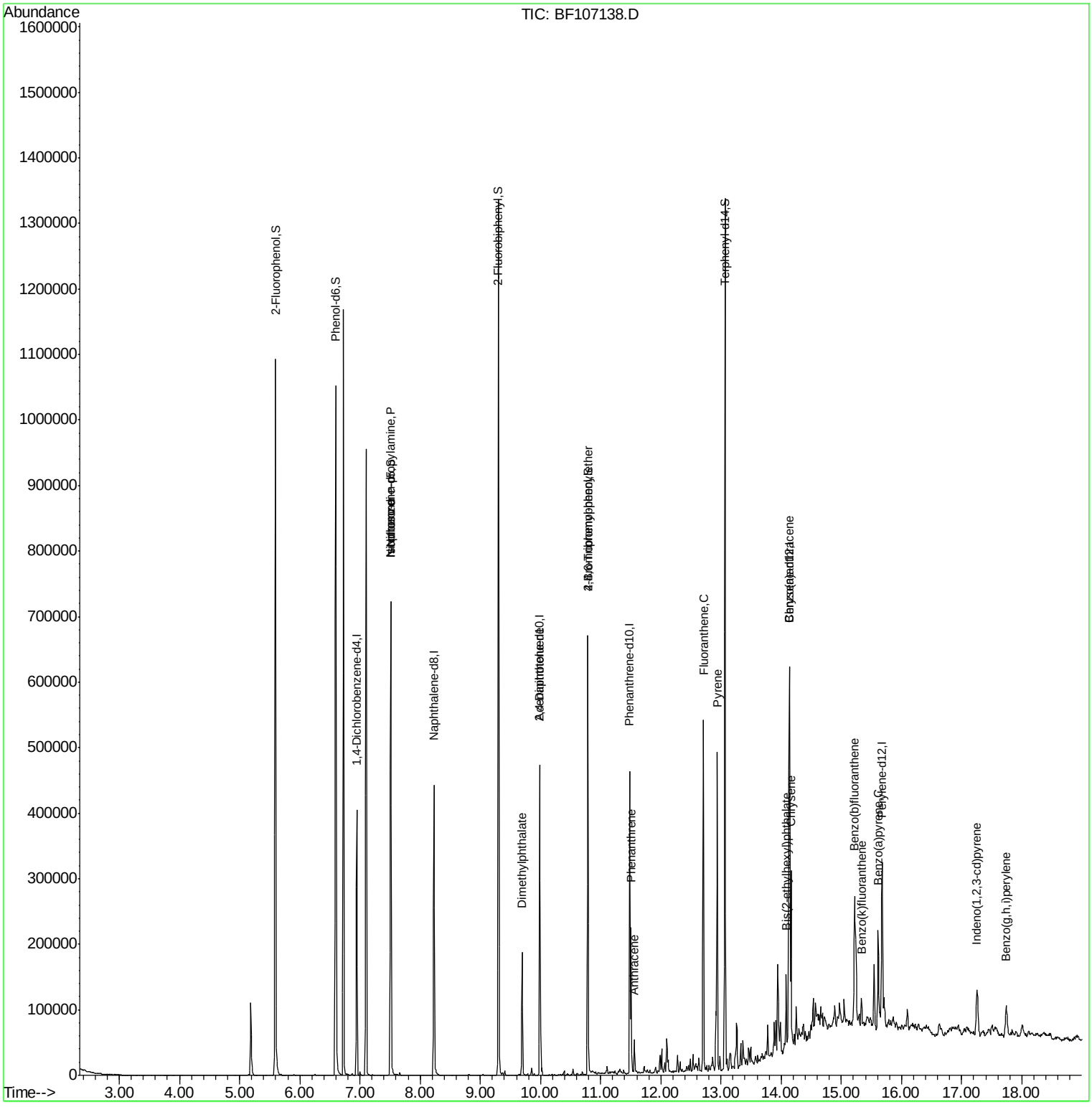
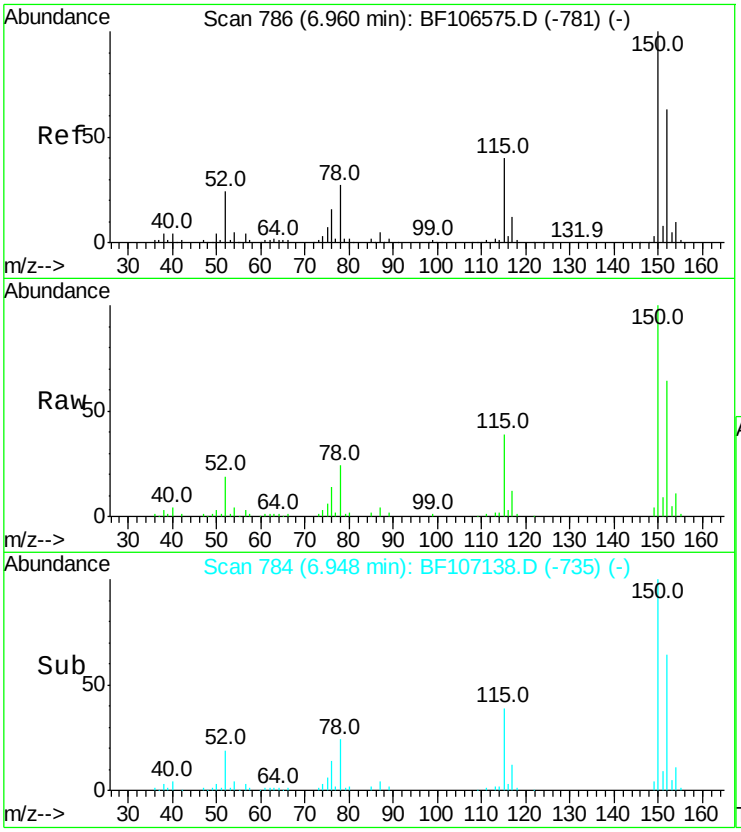


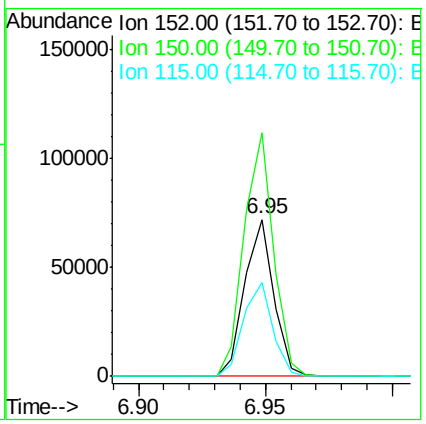


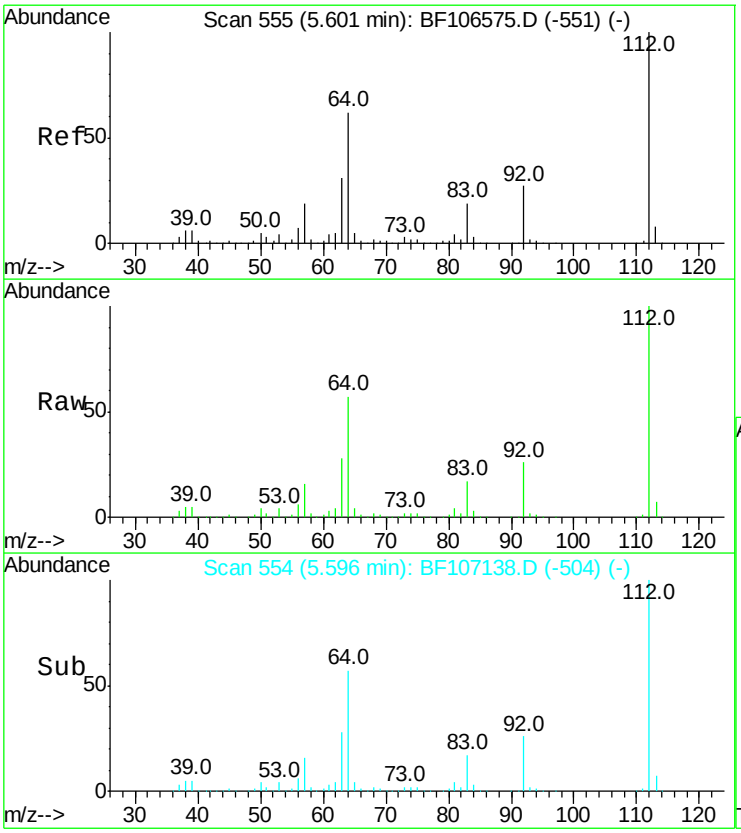
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57468

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.2	50.1	75.1

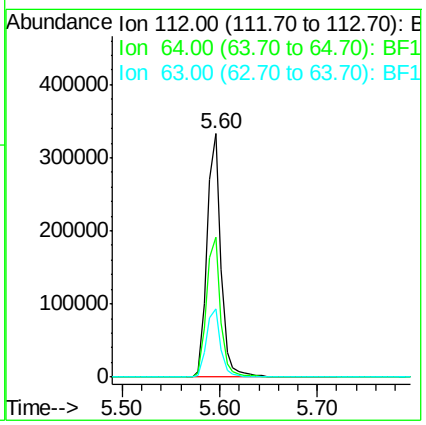


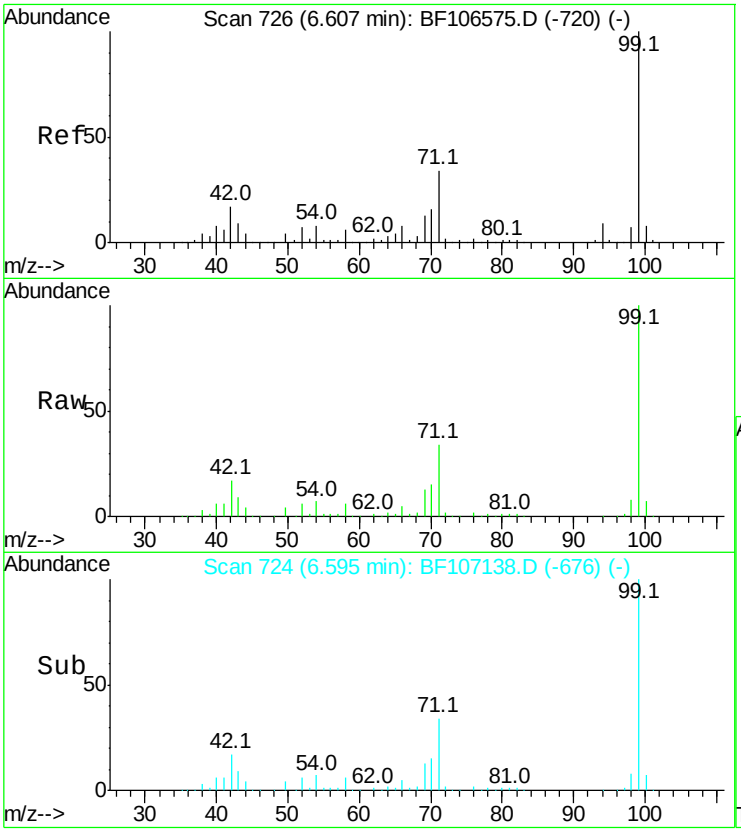


#5
2-Fluorophenol
Concen: 97.273 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:112 Resp: 330125

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.0	23.7	35.5



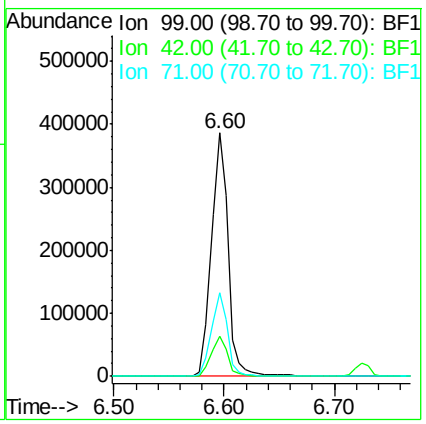


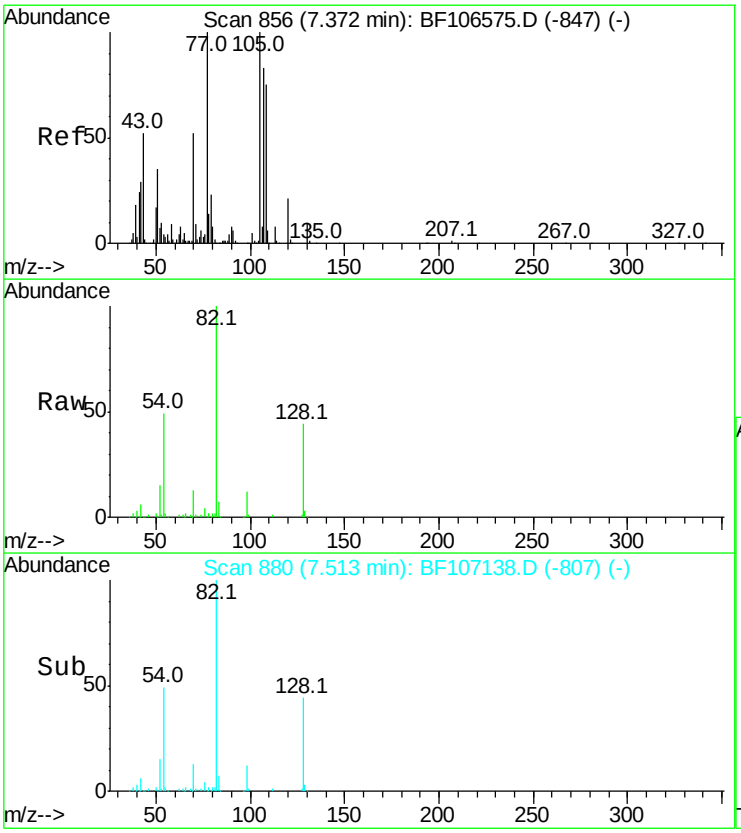
#7
Phenol-d6
Concen: 95.054 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 402858

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	34.3	25.4	38.0

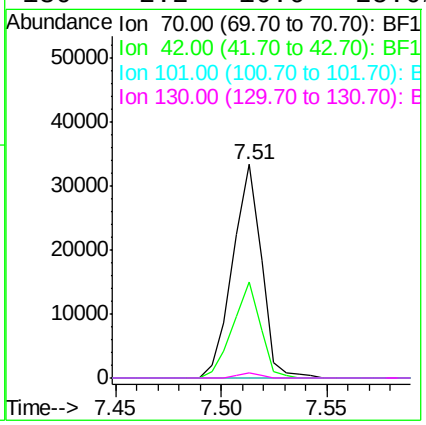


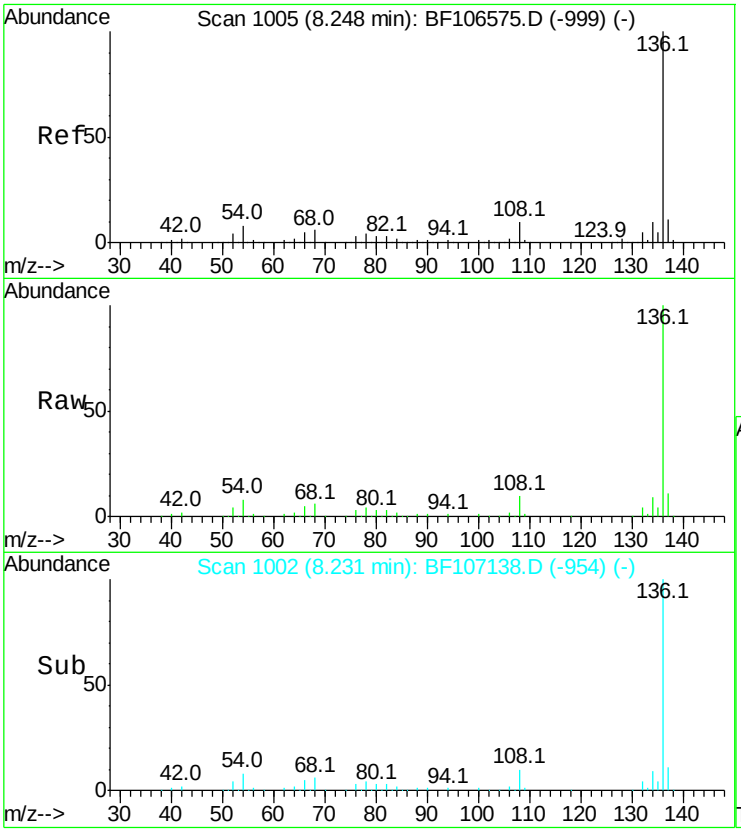


#19
n-Nitroso-di-n-propylamine
Concen: 11.226 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion: 70 Resp: 31361

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



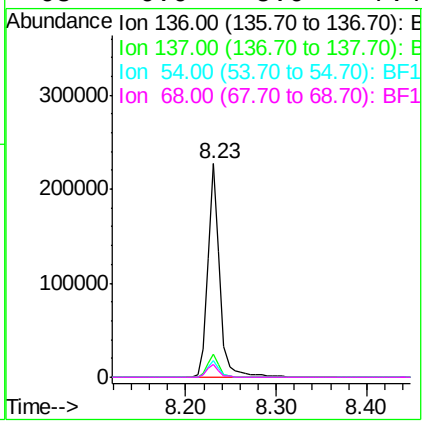


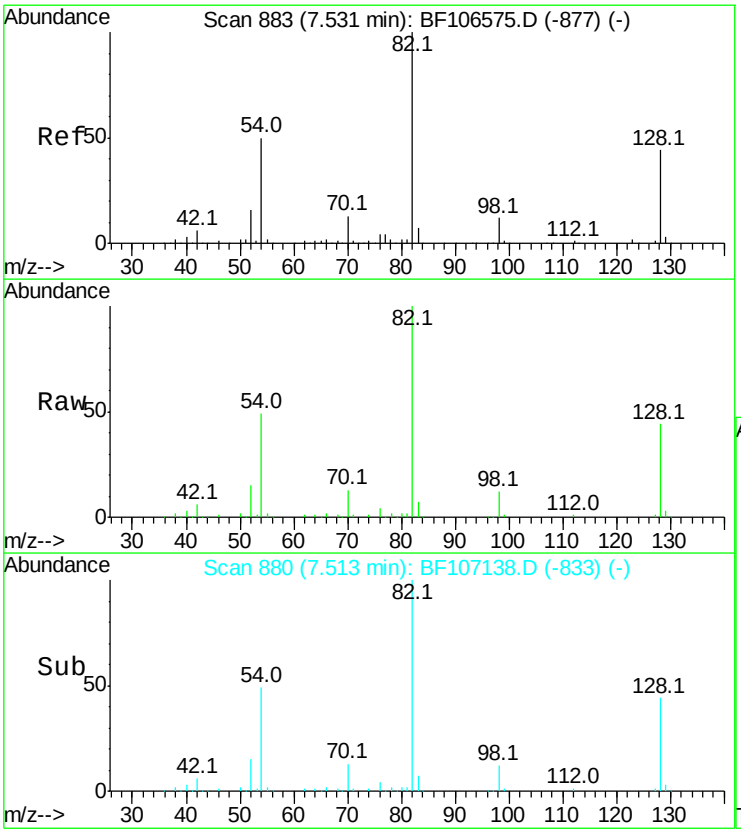
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 210500

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4

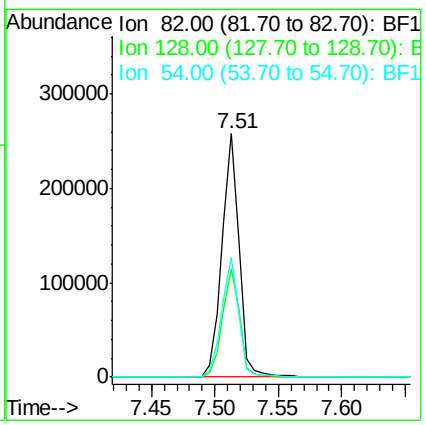


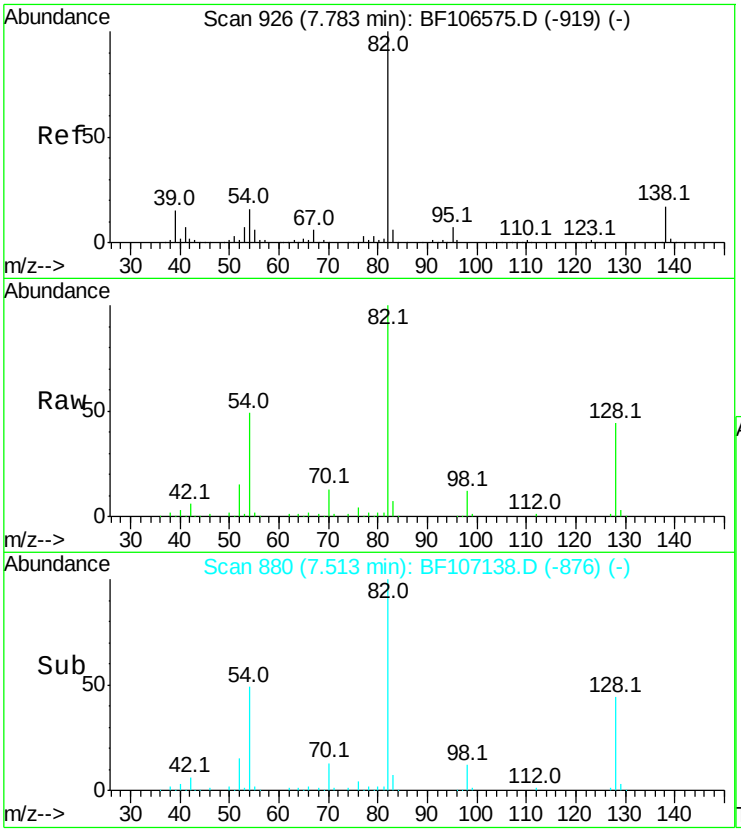


#23
Nitrobenzene-d5
Concen: 64.447 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion: 82 Resp: 244110

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	48.9	41.4	62.2



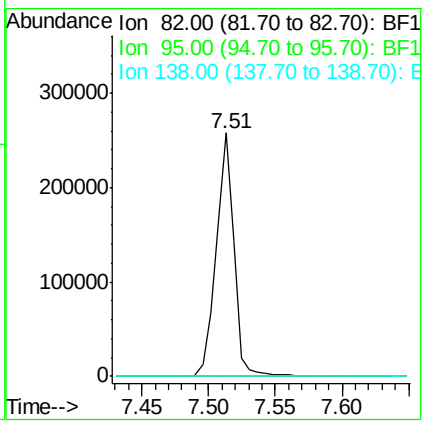


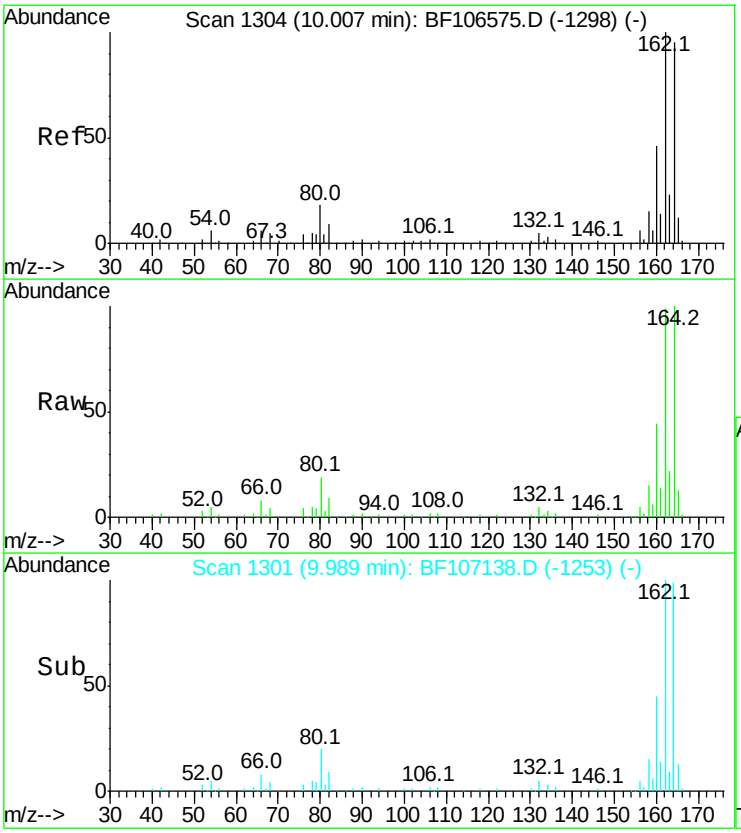
#25
Isophorone
Concen: 36.572 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 244106

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

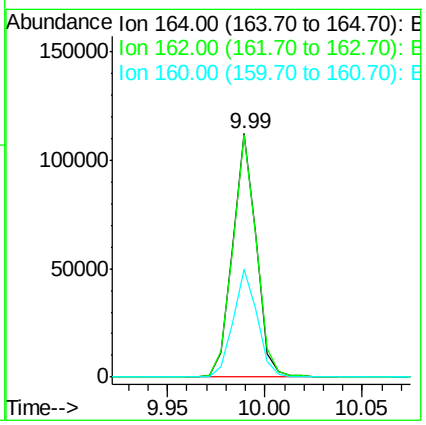


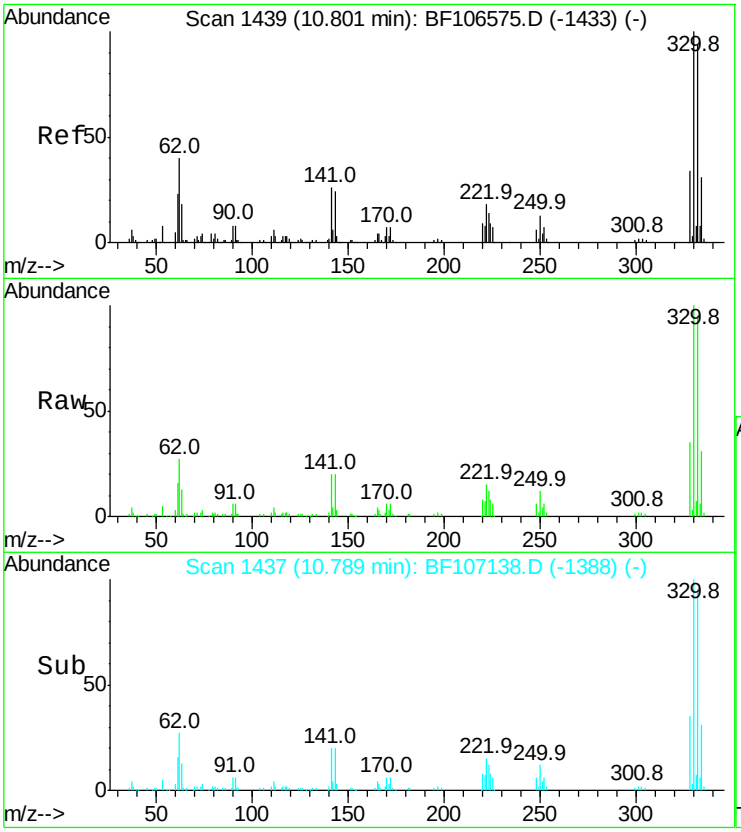


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:164 Resp: 93896

Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	44.4	38.3	57.5



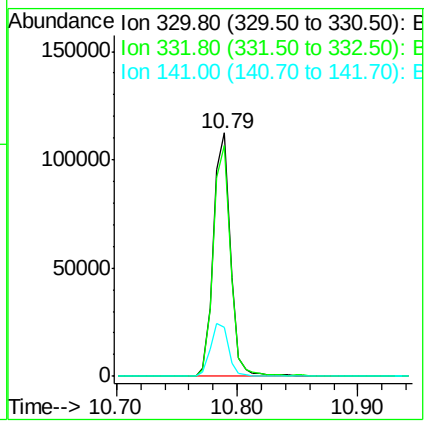


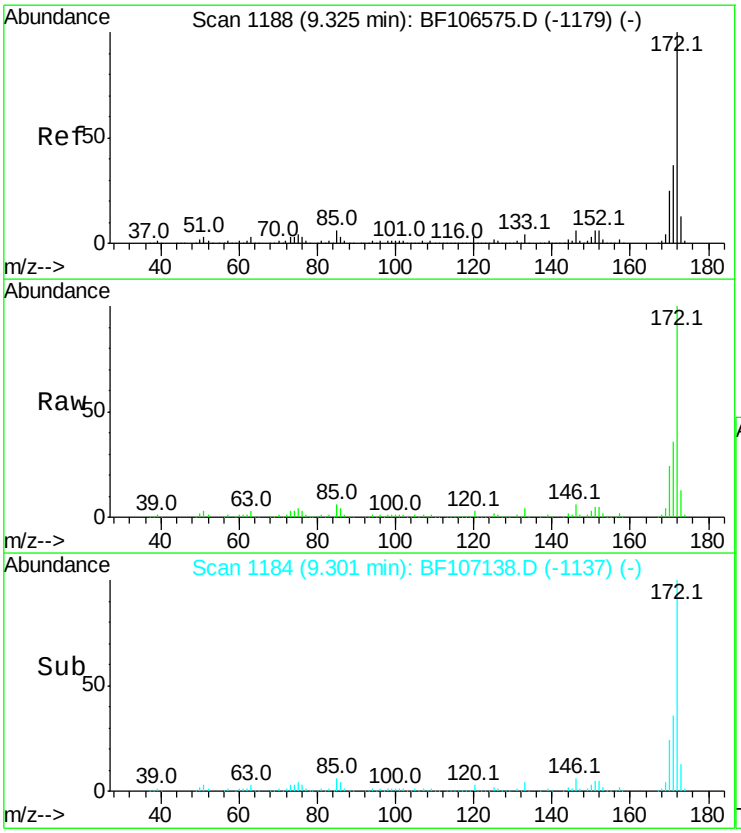
#41
2,4,6-Tribromophenol
Concen: 99.720 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 108523

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.0	29.9	44.9#

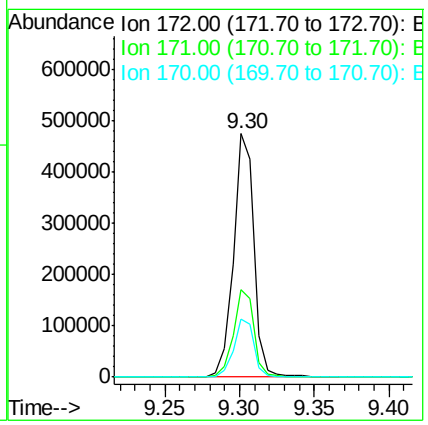


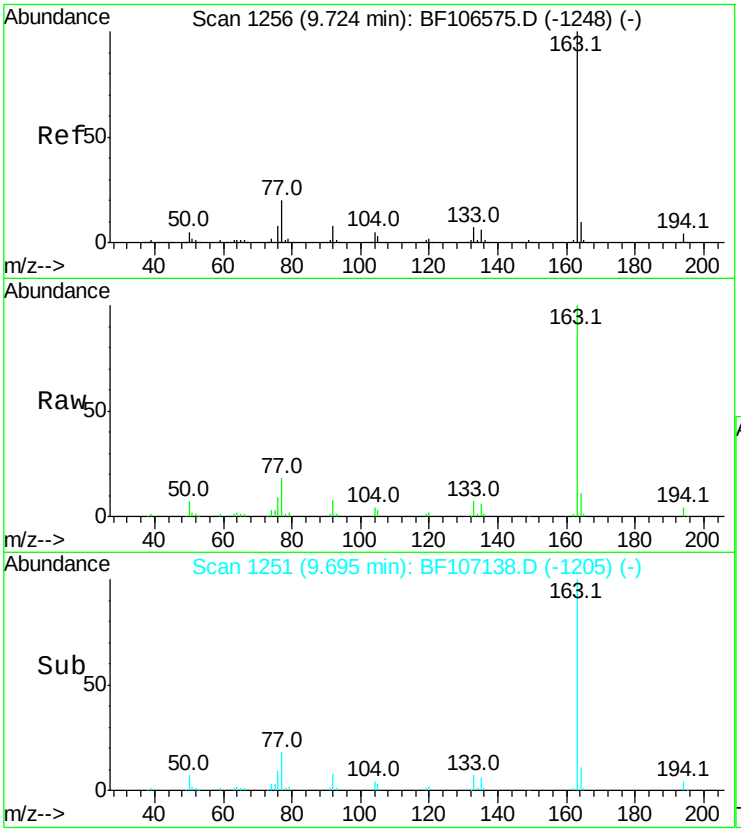


#44
2-Fluorobiphenyl
Concen: 82.035 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:172 Resp: 457930

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



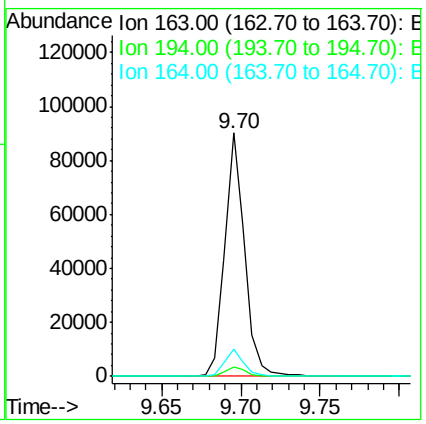


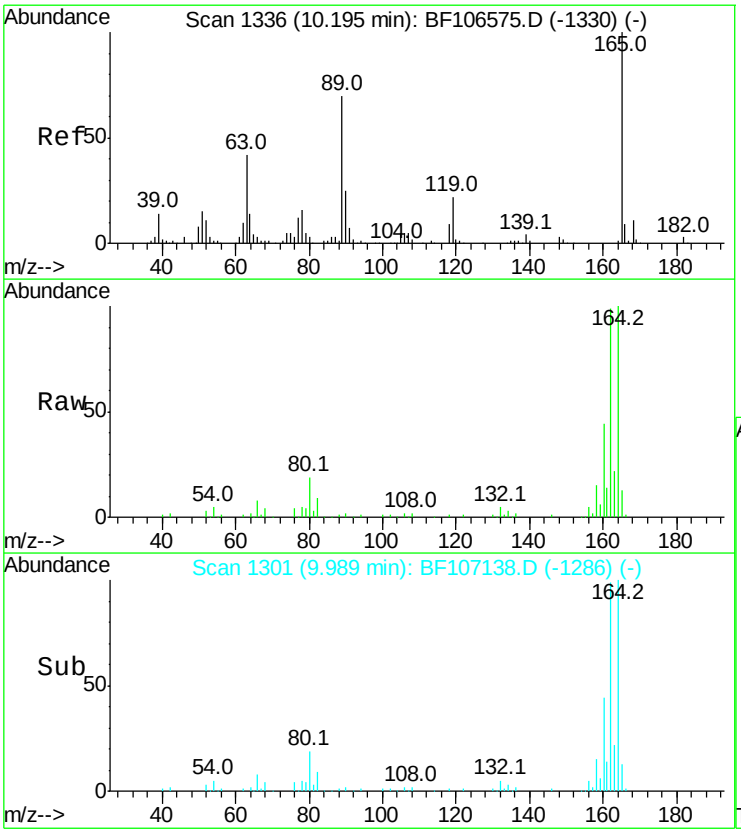
#49
Dimethylphthalate
Concen: 11.065 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 77921

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.1	8.2	12.2

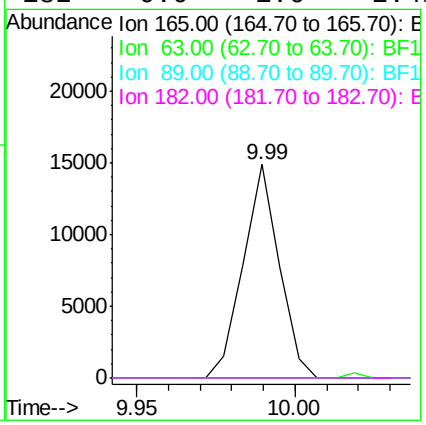


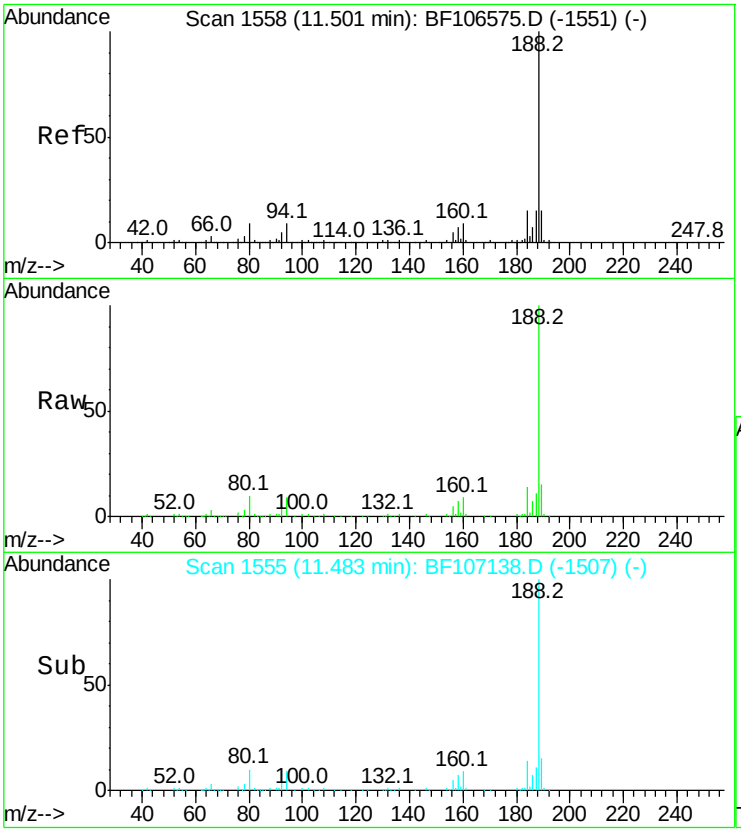


#56
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:165 Resp: 11771

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



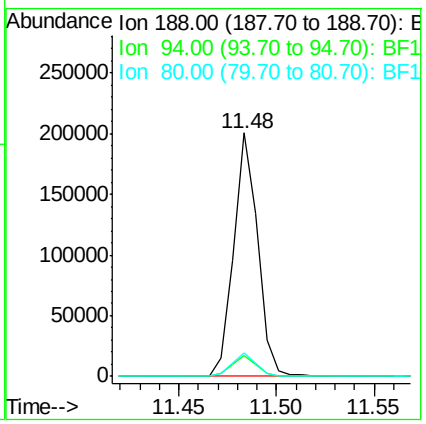


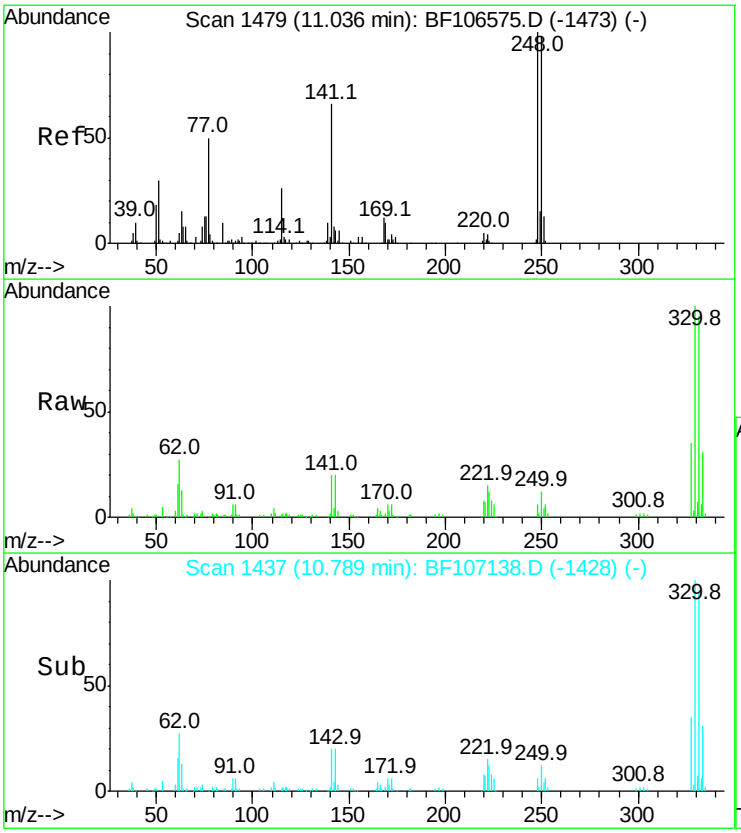
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 171050

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8

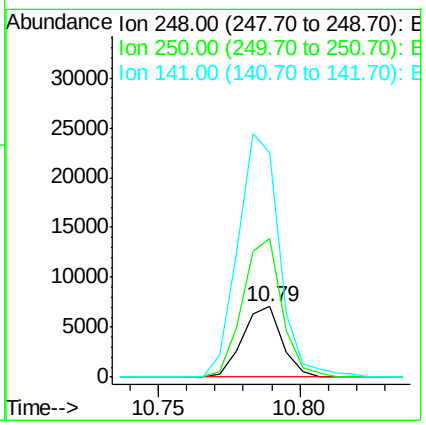


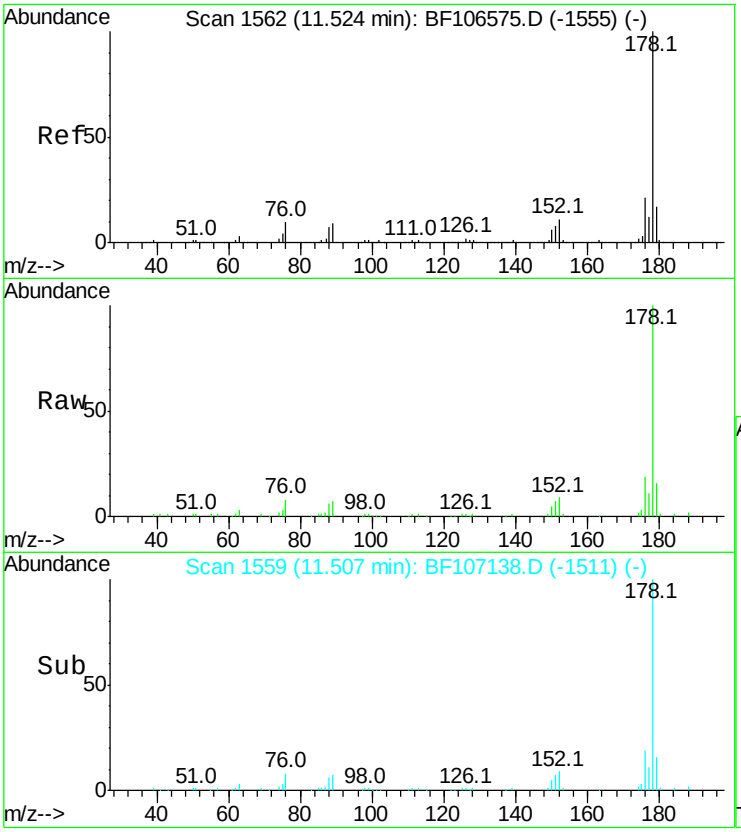


#66
4-Bromophenyl-phenylether
Concen: 3.350 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:248 Resp: 6838

Ion	Ratio	Lower	Upper
248	100		
250	198.4	76.9	115.3#
141	320.0	74.4	111.6#



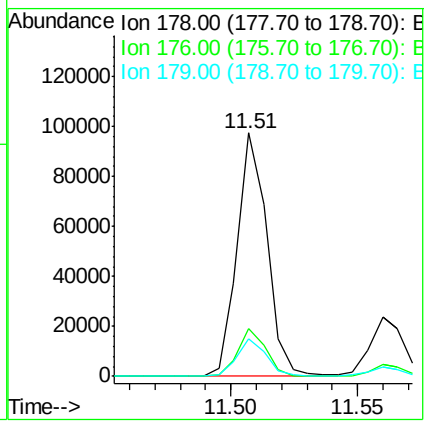


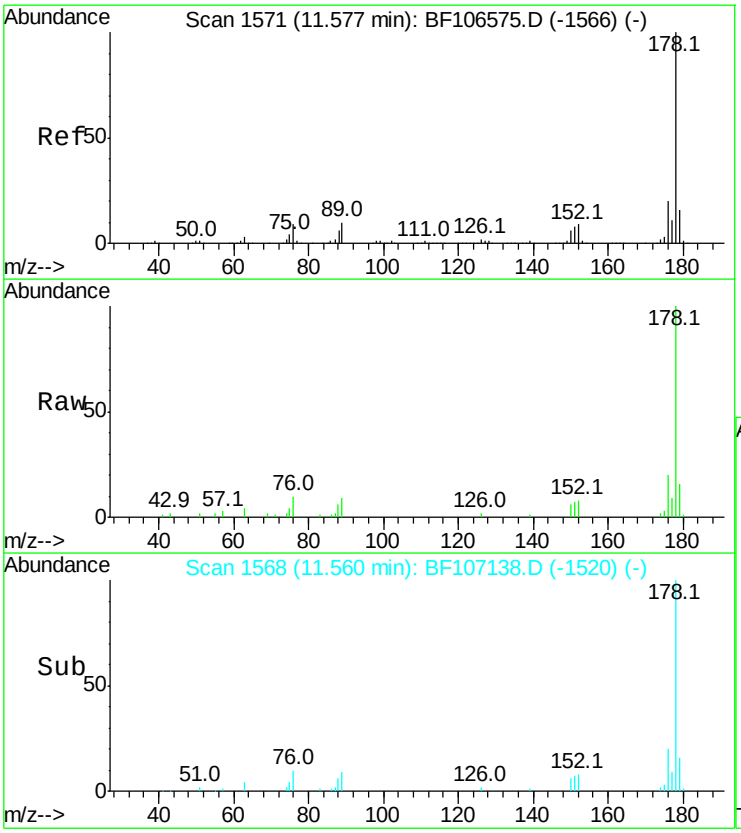
#70
Phenanthrene
Concen: 9.710 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 80112

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6

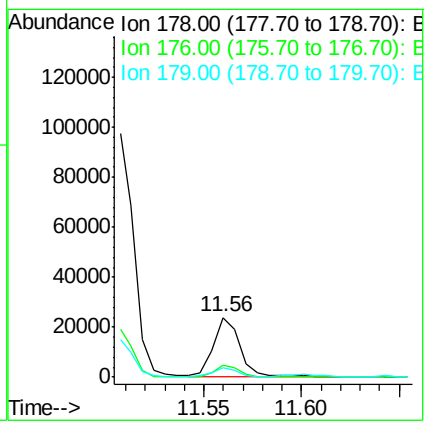


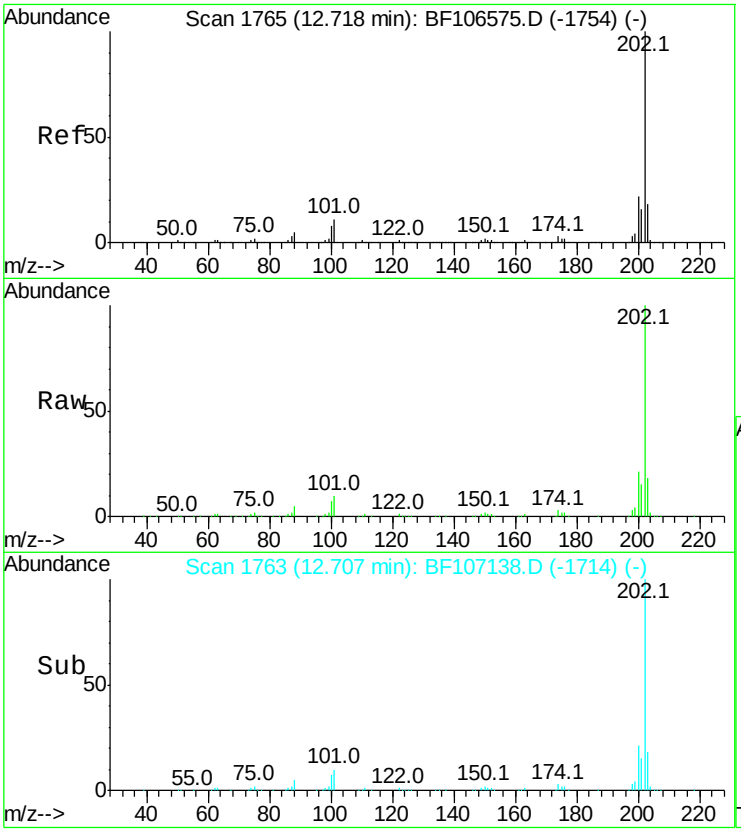


#71
Anthracene
Concen: 2.696 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:178 Resp: 22702

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.3	12.6	19.0



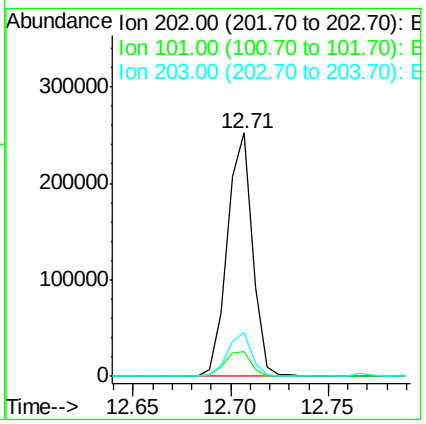


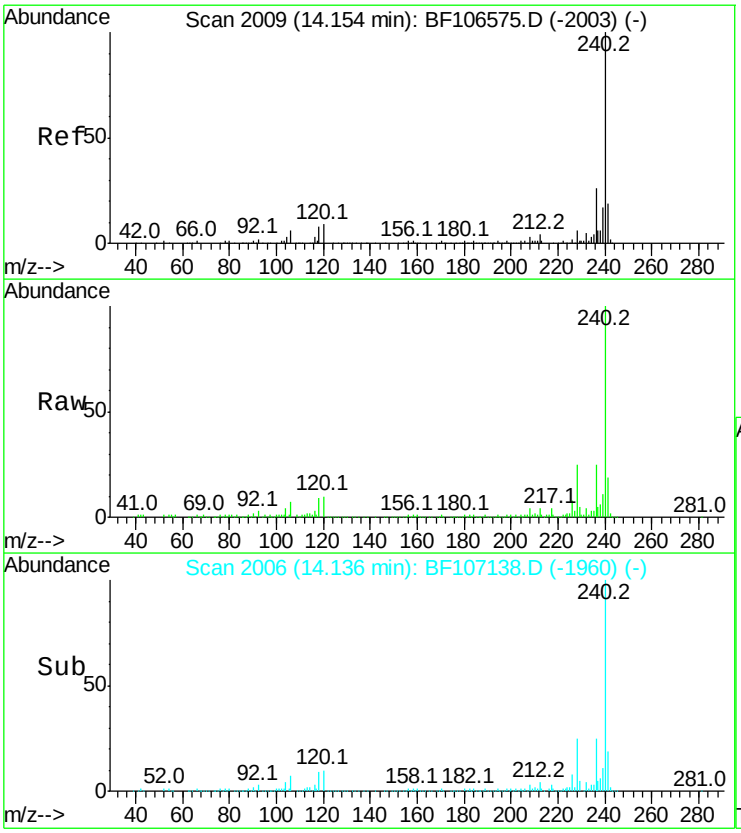
#74
Fluoranthene
Concen: 24.776 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 225296

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.8	0.0	38.1

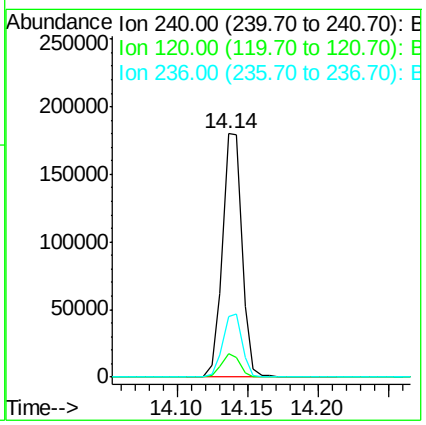


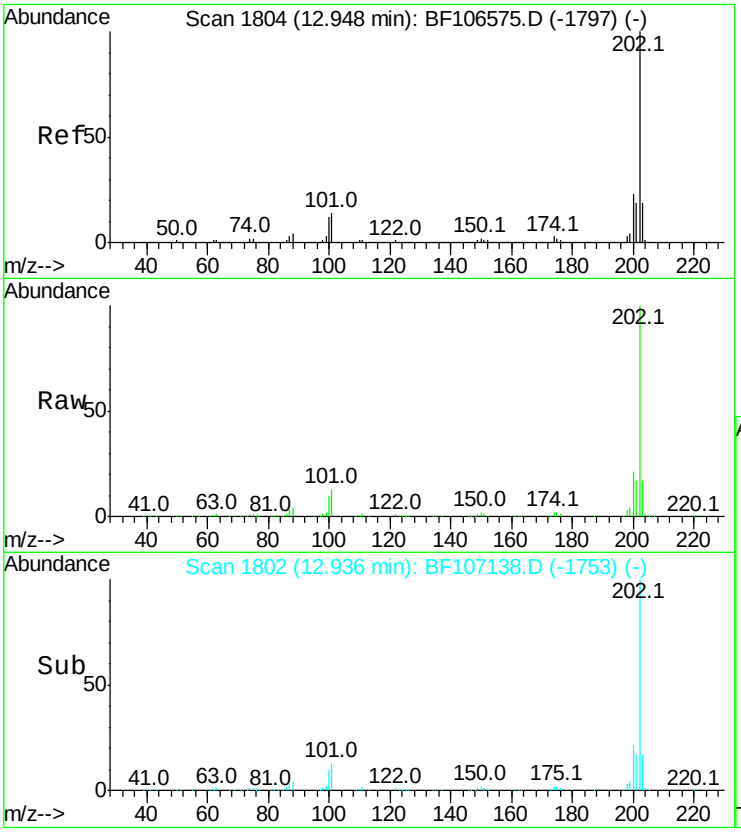


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:240 Resp: 174195

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.0	20.7	31.1



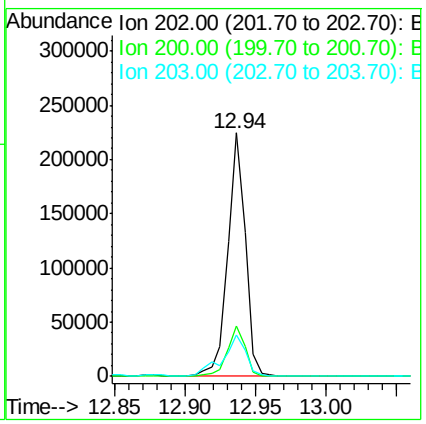


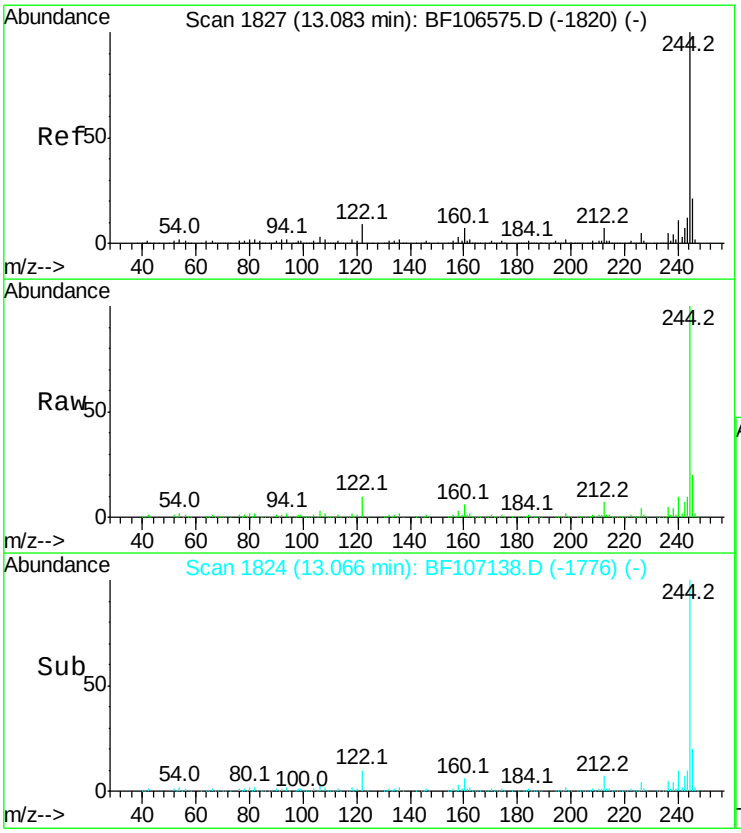
#77
Pyrene
Concen: 16.972 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 194951

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.1	14.3	21.5

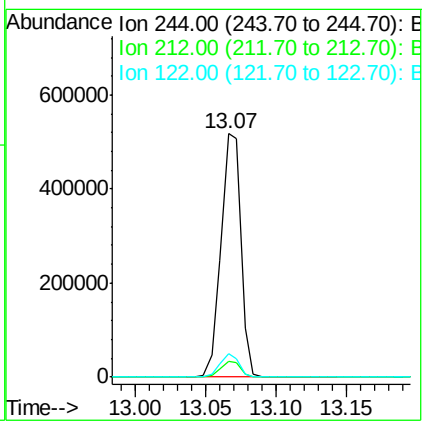


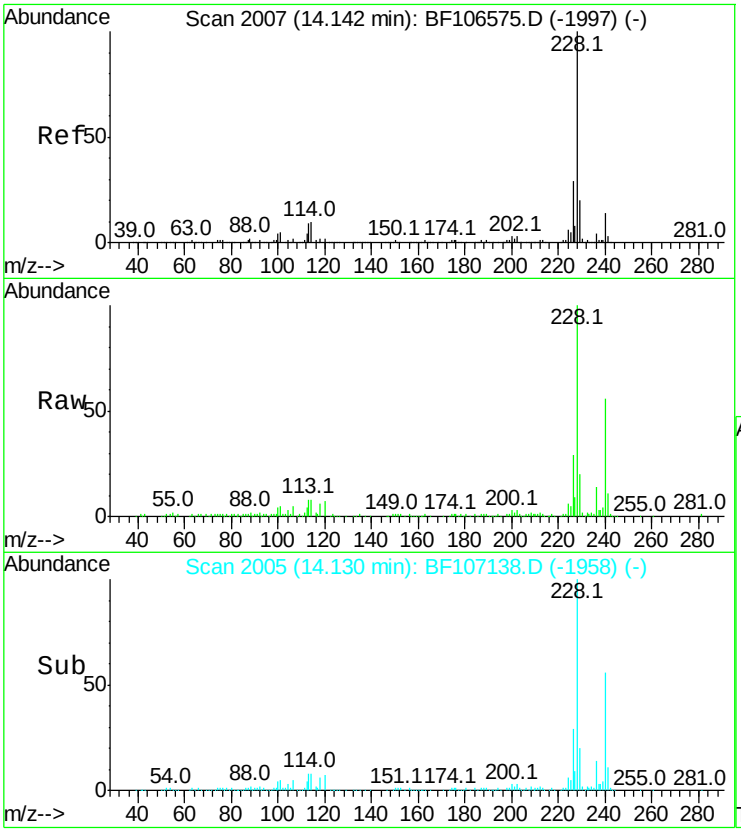


#78
Terphenyl-d14
Concen: 70.697 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:244 Resp: 508407

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.6	11.0	16.4#



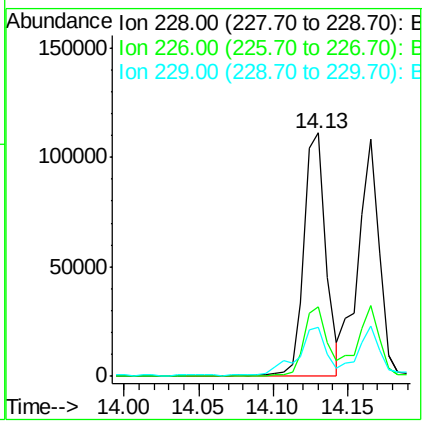


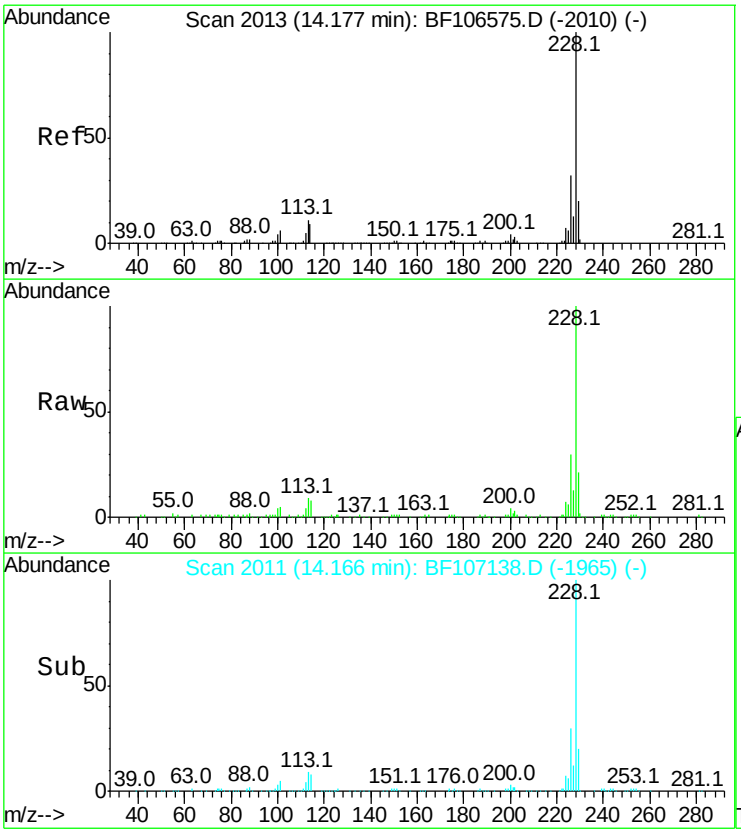
#80
Benzo(a)anthracene
Concen: 10.710 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 113710

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.1	15.8	23.6

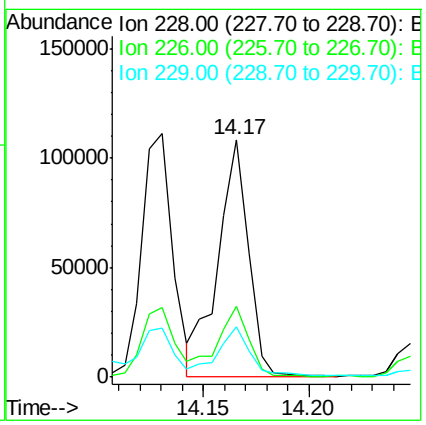


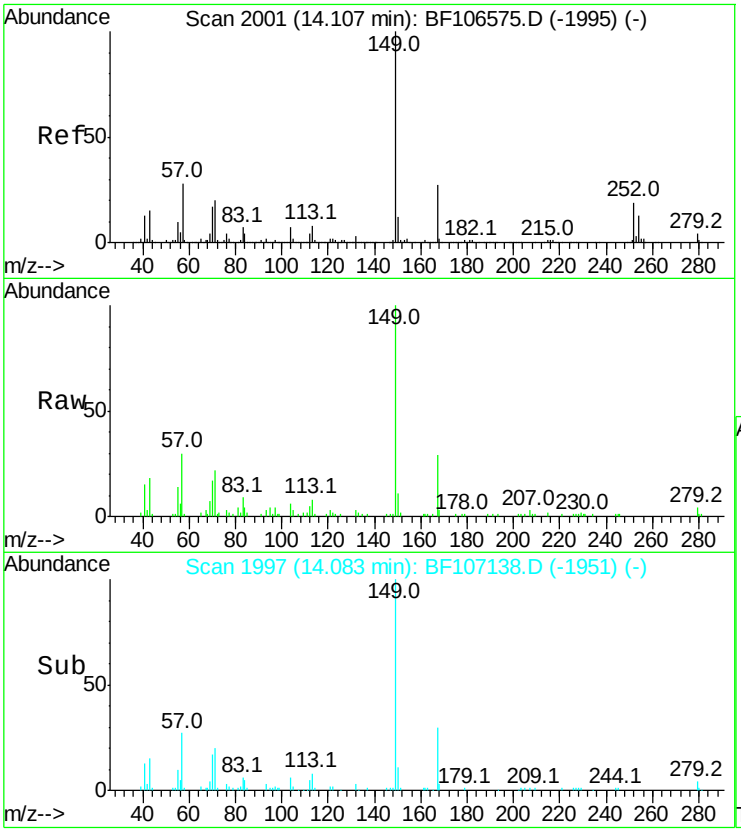


#82
Chrysene
Concen: 11.083 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:228 Resp: 108248

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.3	16.2	24.4



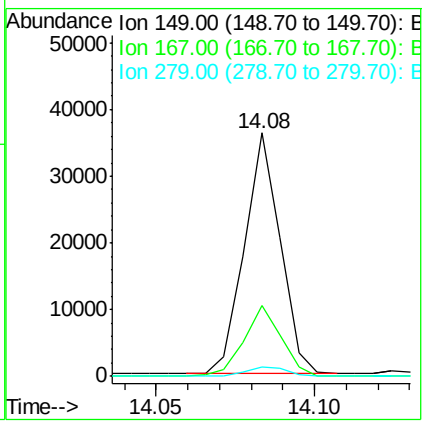


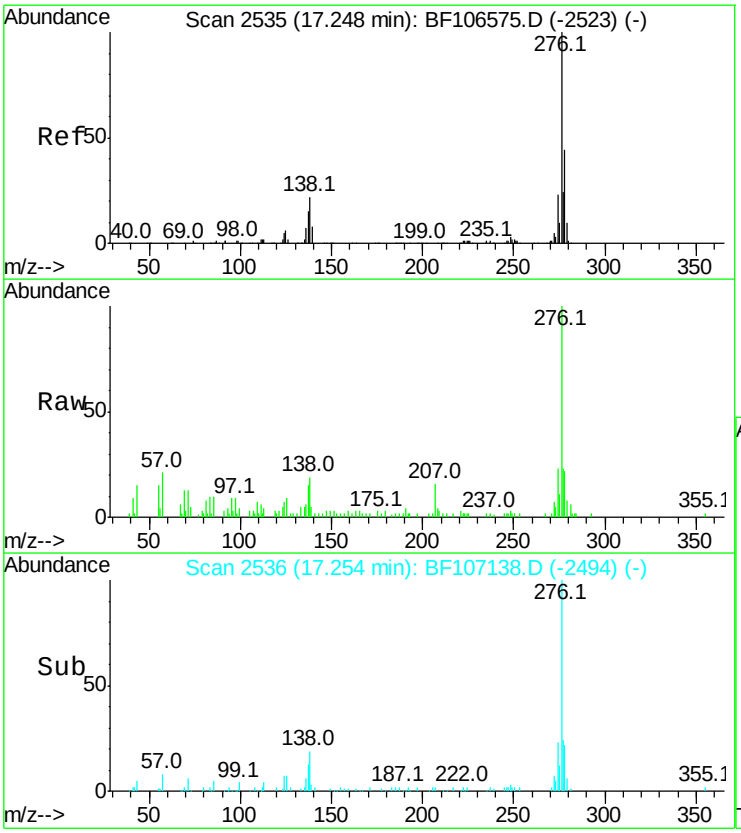
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.671 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 28202

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.3	31.9
279	3.9	3.0	4.4

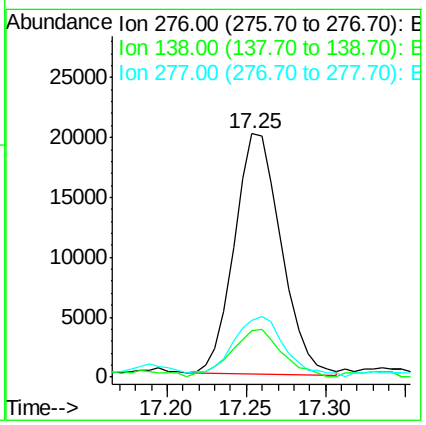


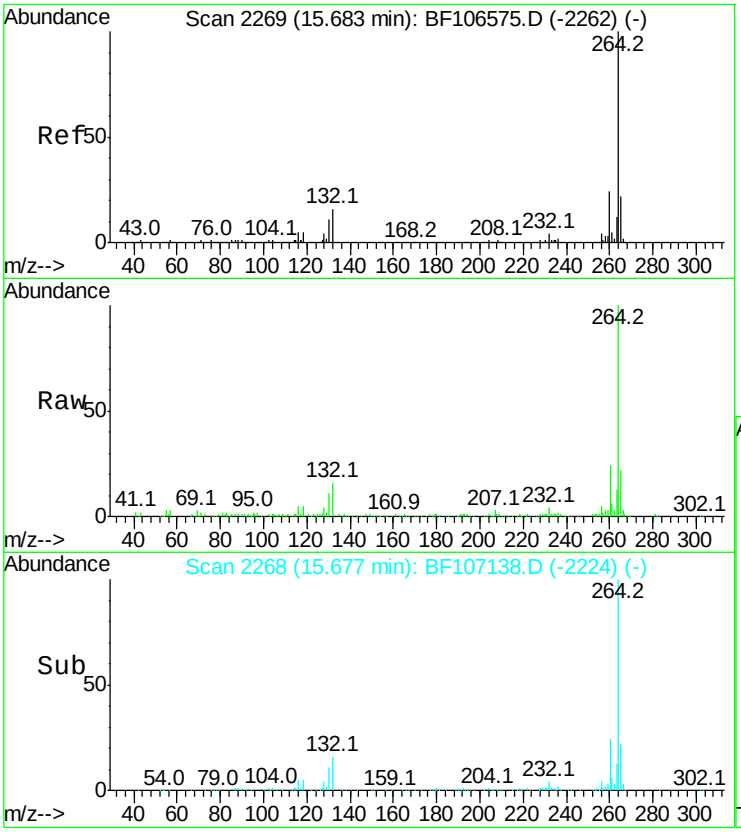


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.975 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:276 Resp: 41234

Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	28.2	20.1	30.1



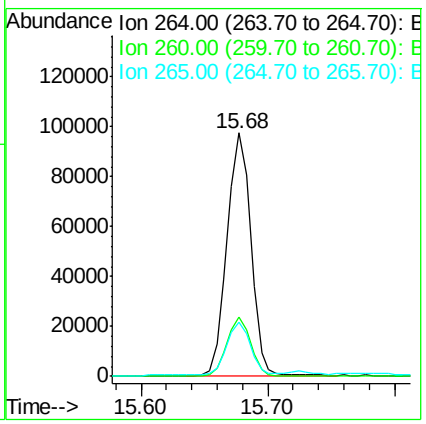


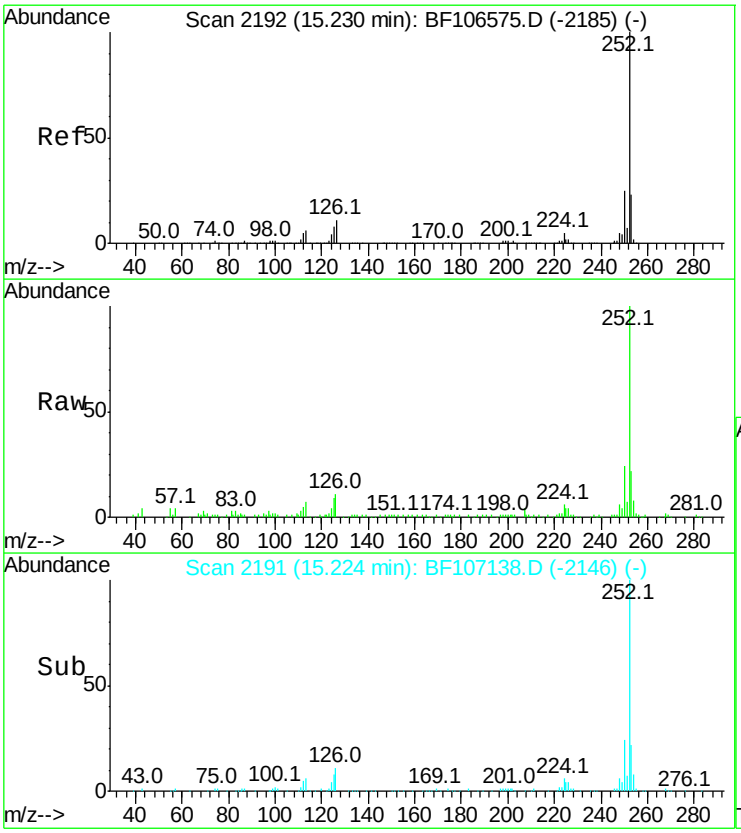
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 128211

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.5	26.3

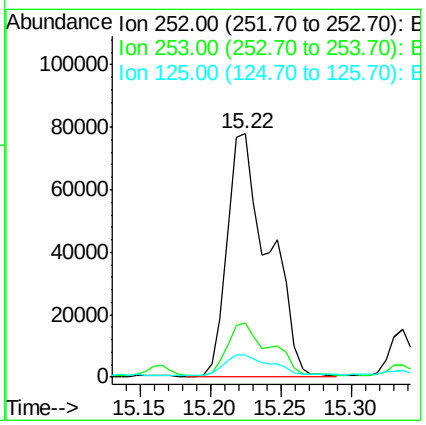


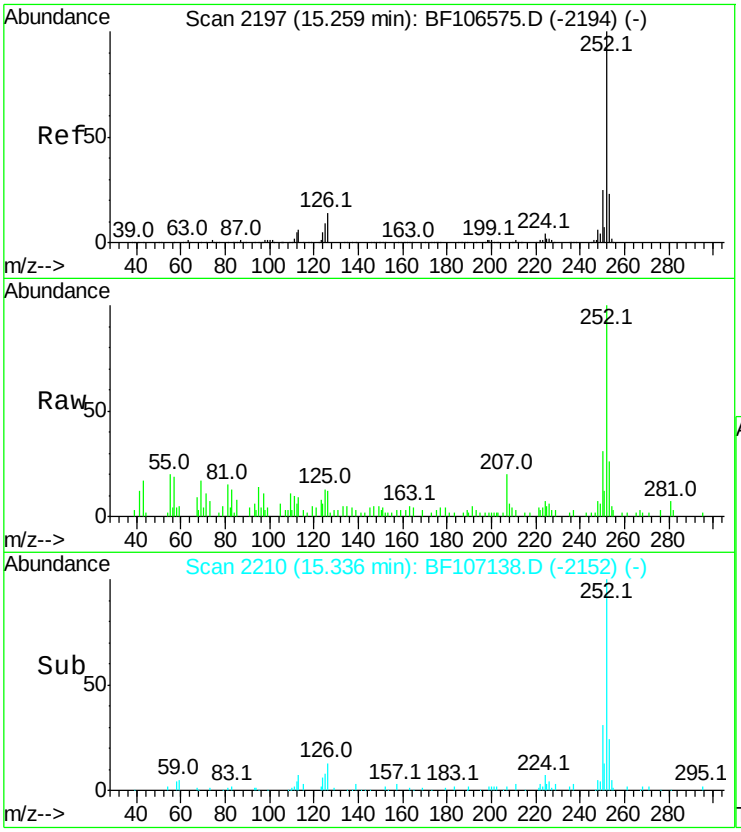


#87
Benzo(b)fluoranthene
Concen: 20.081 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:252 Resp: 159935

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.3	9.0	13.6



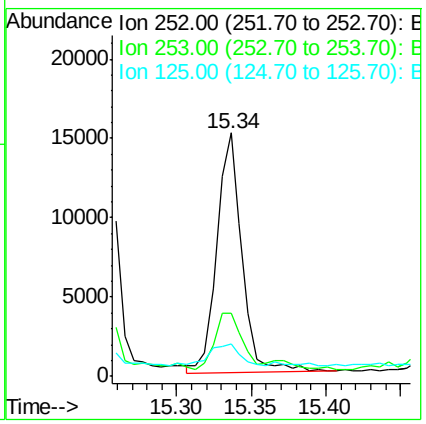


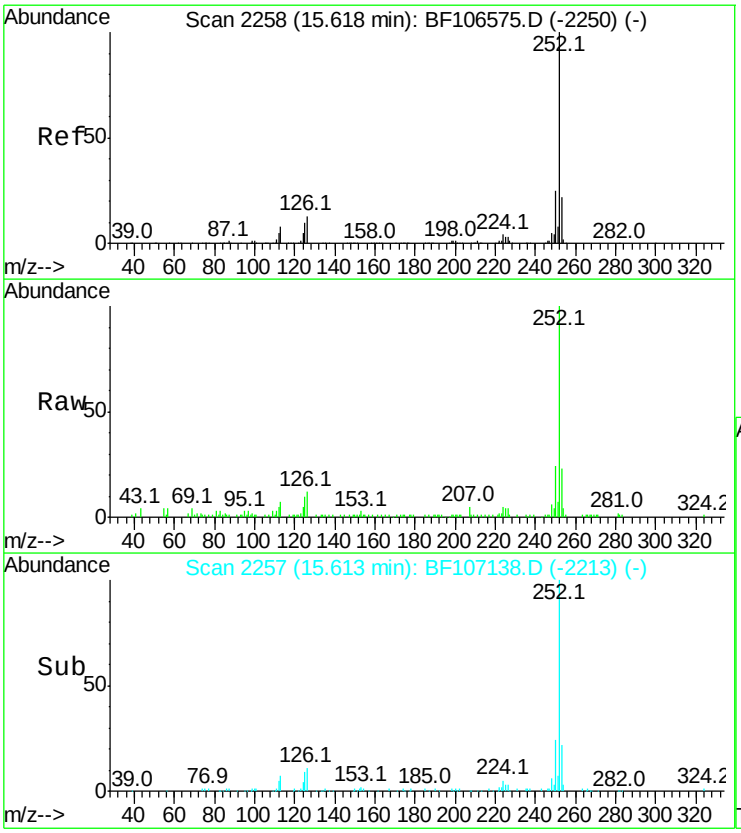
#88
Benzo(k)fluoranthene
Concen: 2.338 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.04 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 17729

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	13.3	10.2	15.2

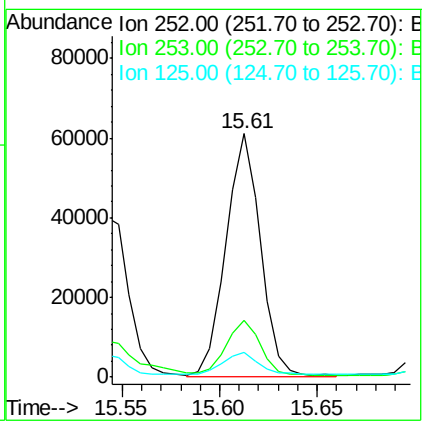


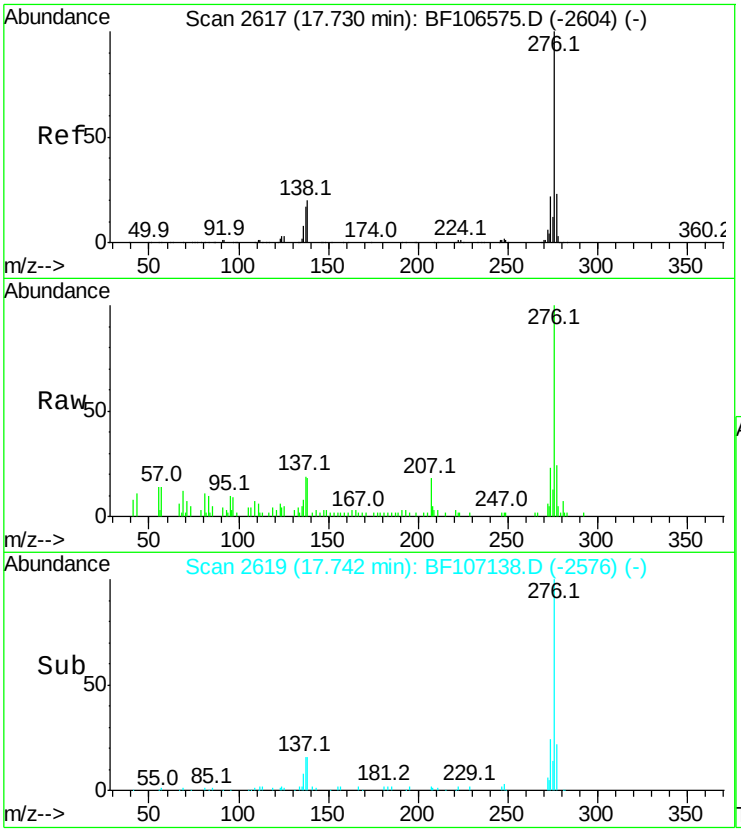


#89
Benzo(a)pyrene
Concen: 10.584 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Tgt Ion:252 Resp: 74937

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.864 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.05 min
Lab File: BF107138.D
Acq: 5 Jul 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 40256

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	18.4	21.8	32.8#