Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107142.D
Acq On : 5 Jul 2018 22:15
Operator : JU/SJ
Sample : J3815-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 06 04:14:16 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	55351	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	204738	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	90451	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	158017	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	169532	20.00	ng		-0.03
86) Perylene-d12	15.67	264	126651	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	283487	86.73	ng		-0.01
7) Phenol-d6	6.60	99	347928	85.23	ng		-0.02
23) Nitrobenzene-d5	7.51	82	213907	58.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	91470	87.25	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	401220	73.00	ng		-0.02
78) Terphenyl-d14	13.07	244	449024	64.16	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	27487	10.215	ng	#	72
25) Isophorone	7.51	82	213905	32.950	ng	#	64
49) Dimethylphthalate	9.70	163	67078	9.888	ng		99
53) 2,4-Dinitrophenol	10.27	184	116	5.498	ng	#	1
66) 4-Bromophenyl-phenylether	10.78	248	5432	2.880	ng	#	1
70) Phenanthrene	11.51	178	59746	7.839	ng		97
71) Anthracene	11.56	178	20620	2.651	ng		97
74) Fluoranthene	12.71	202	142704	16.988	ng		95
77) Pyrene	12.94	202	148831	13.313	ng		99
80) Benzo(a)anthracene	14.12	228	80212	7.763	ng		98
82) Chrysene	14.17	228	79567	8.370	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	52781	8.982	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	26746	3.316	ng	#	86
87) Benzo(b)fluoranthene	15.22	252	104944	13.339	ng		97
88) Benzo(k)fluoranthene	15.22	252	104944	14.007	ng		98
89) Benzo(a)pyrene	15.61	252	49936	7.140	ng		97
91) Benzo(g,h,i)perylene	17.74	276	24737	4.270	ng		94

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

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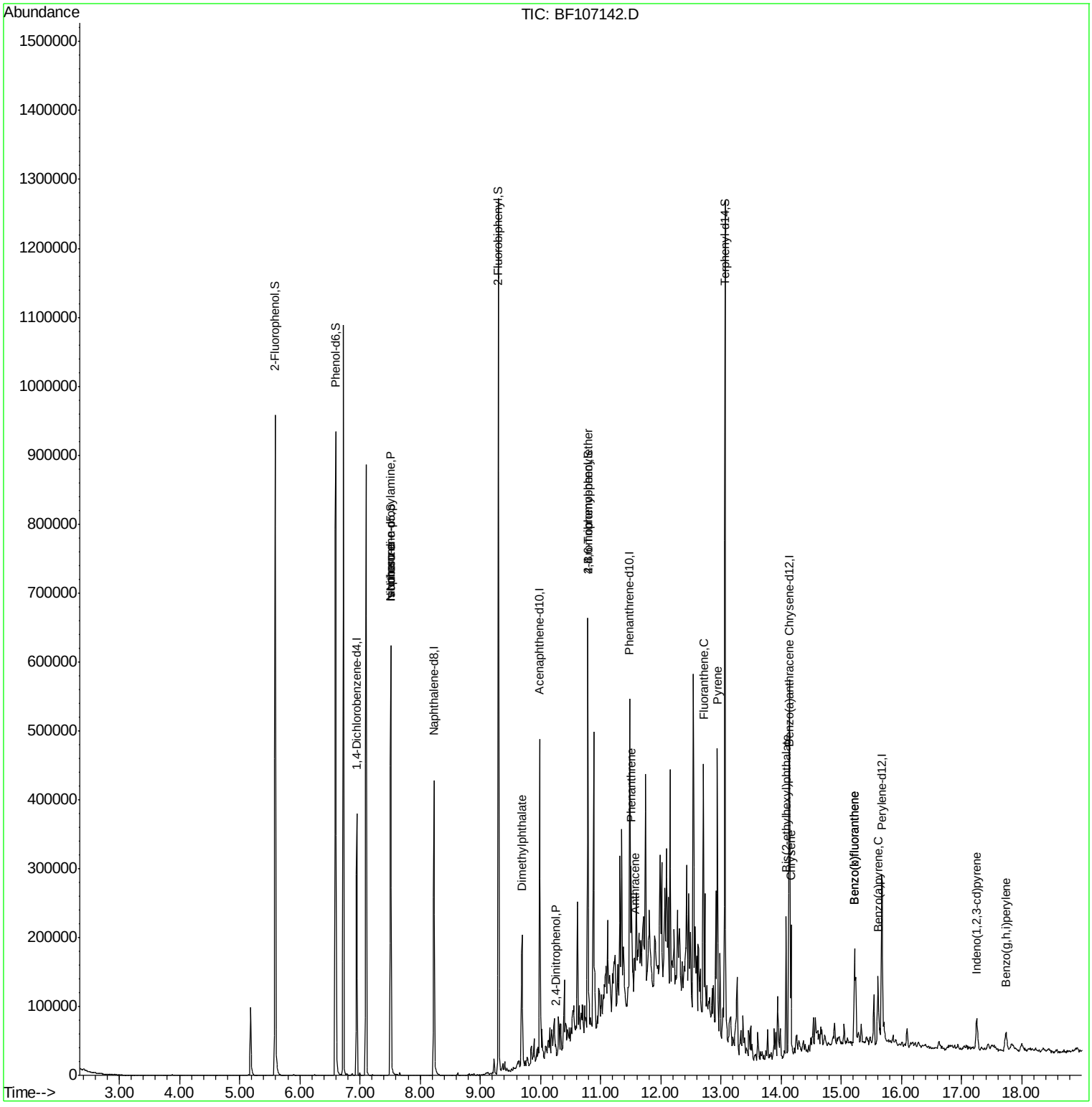
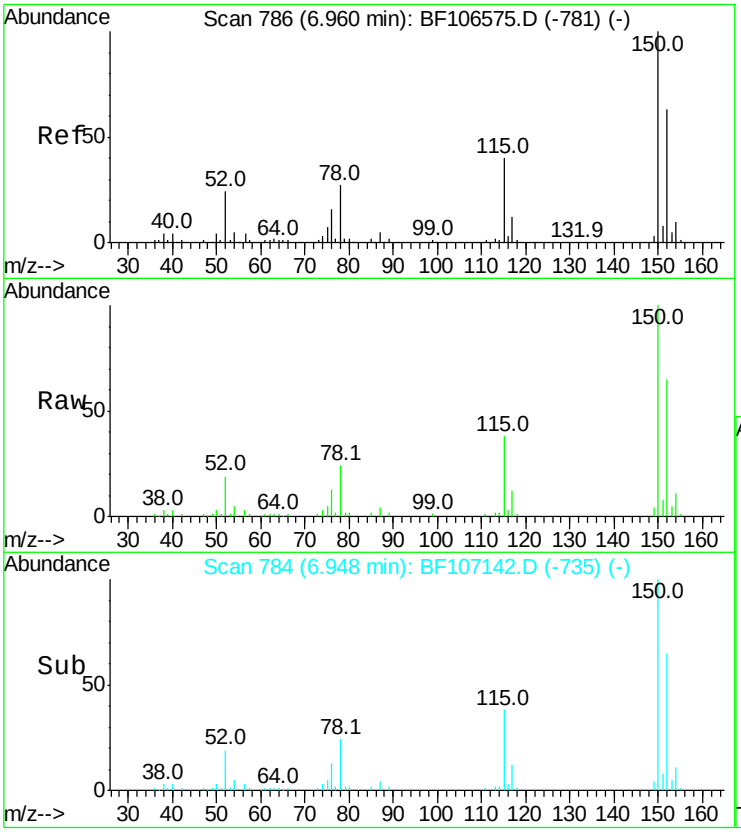


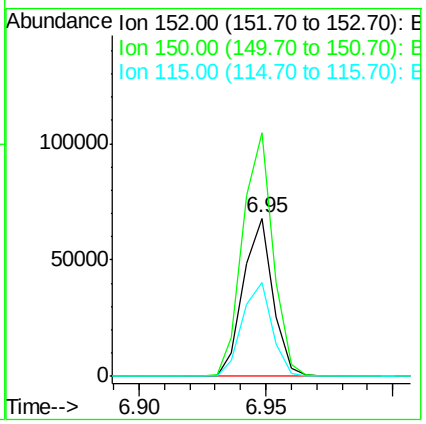


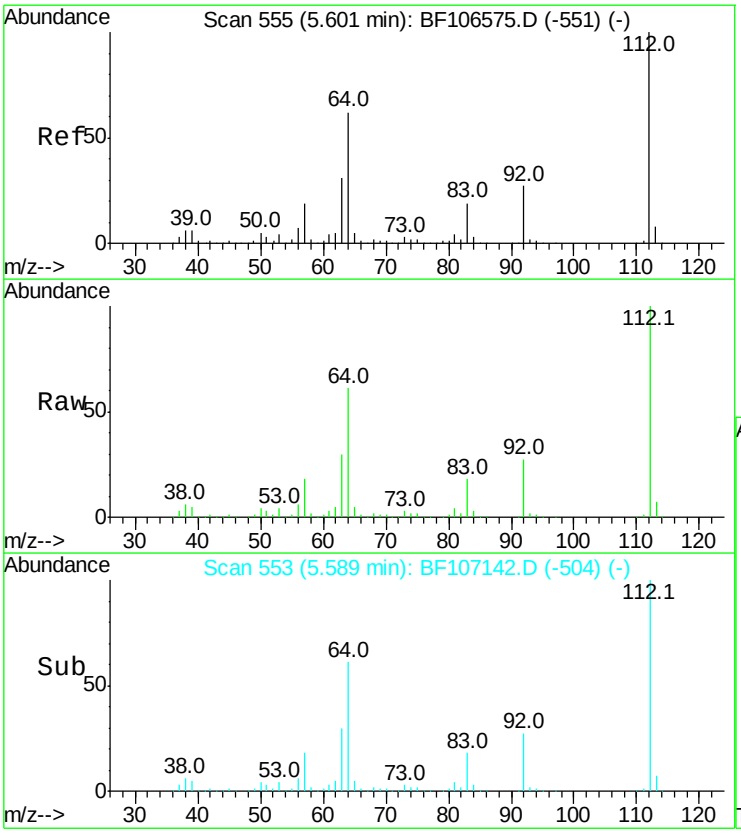
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 55351

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.0	50.1	75.1

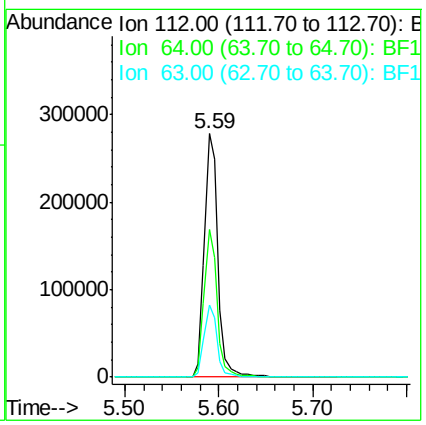


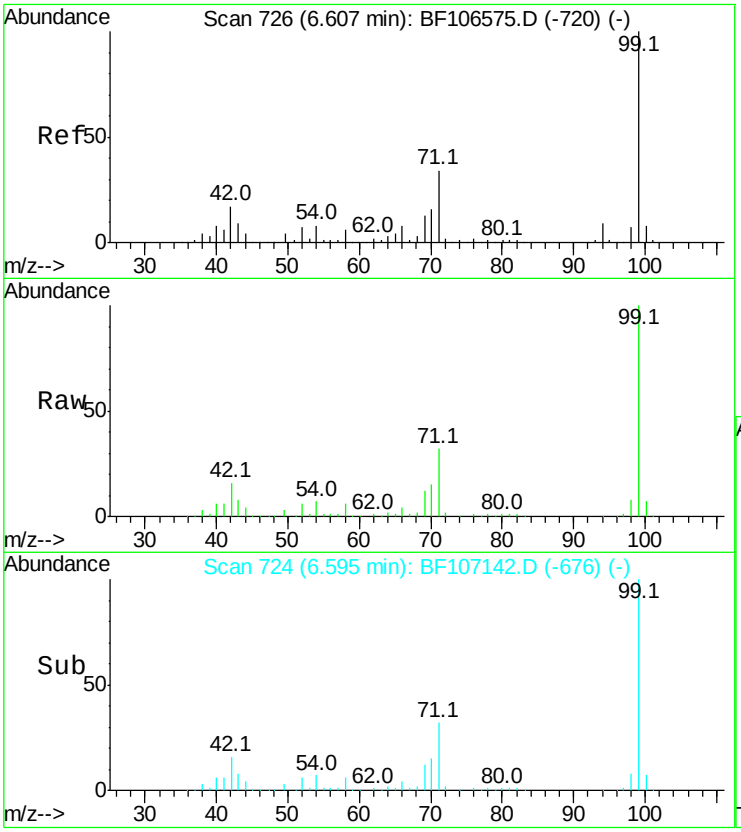


#5
2-Fluorophenol
Concen: 86.725 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:112 Resp: 283487

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	29.6	23.7	35.5



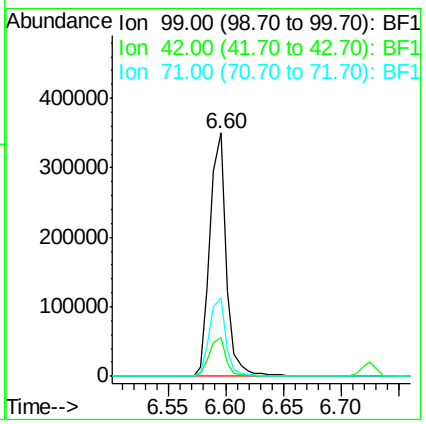


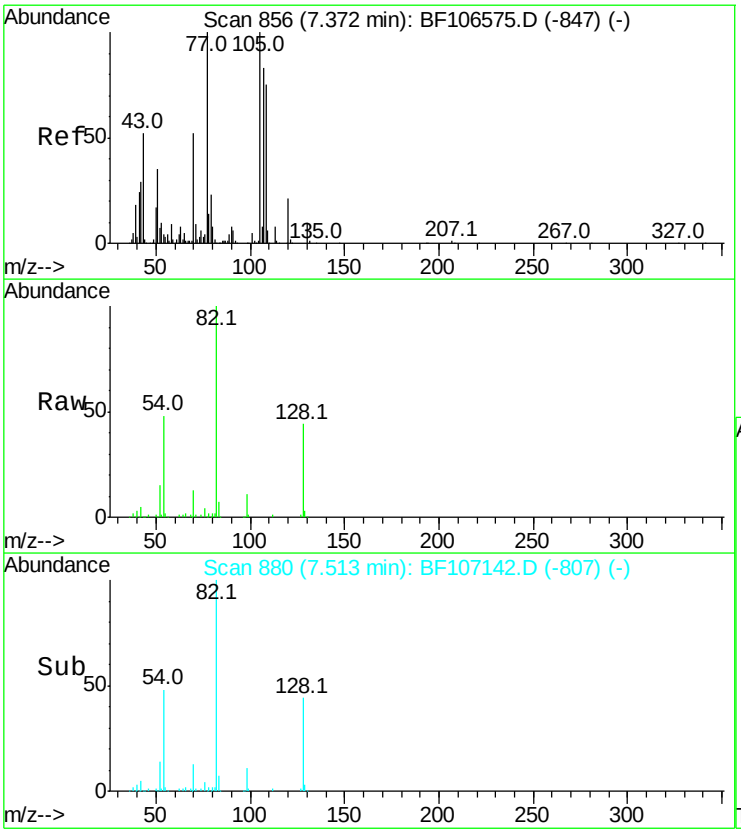
#7
Phenol-d6
Concen: 85.233 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 347928

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.2	25.4	38.0

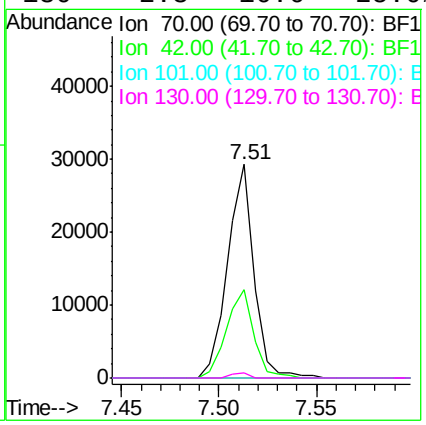


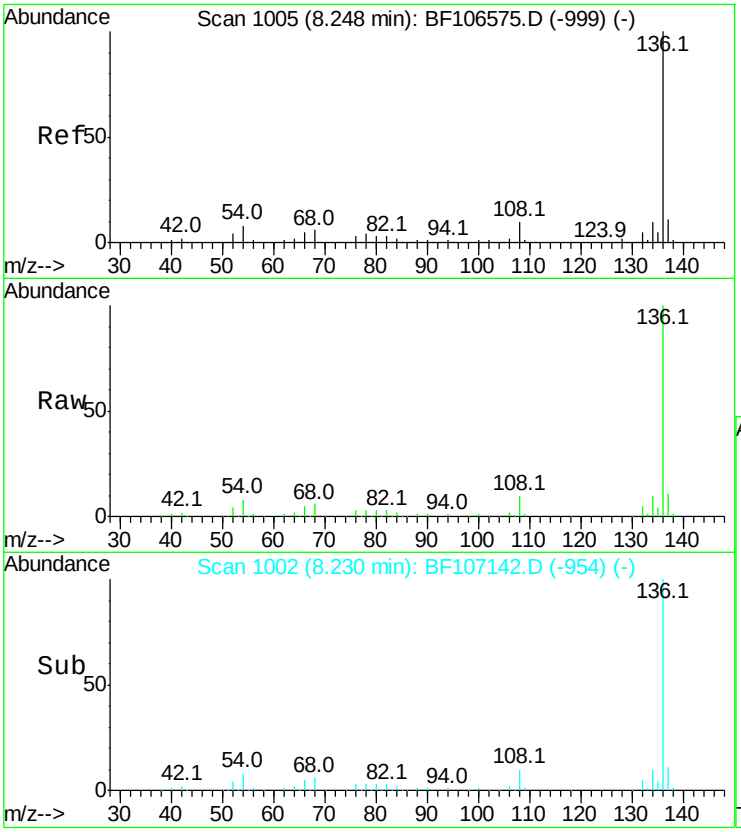


#19
n-Nitroso-di-n-propylamine
Concen: 10.215 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion: 70 Resp: 27487

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



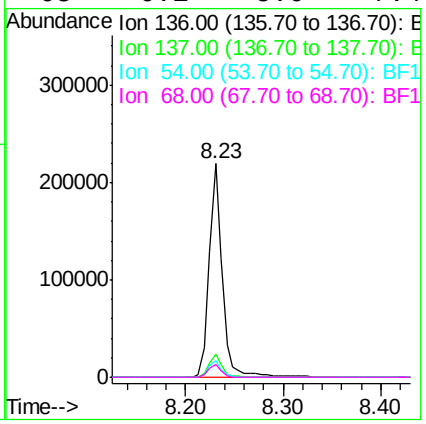


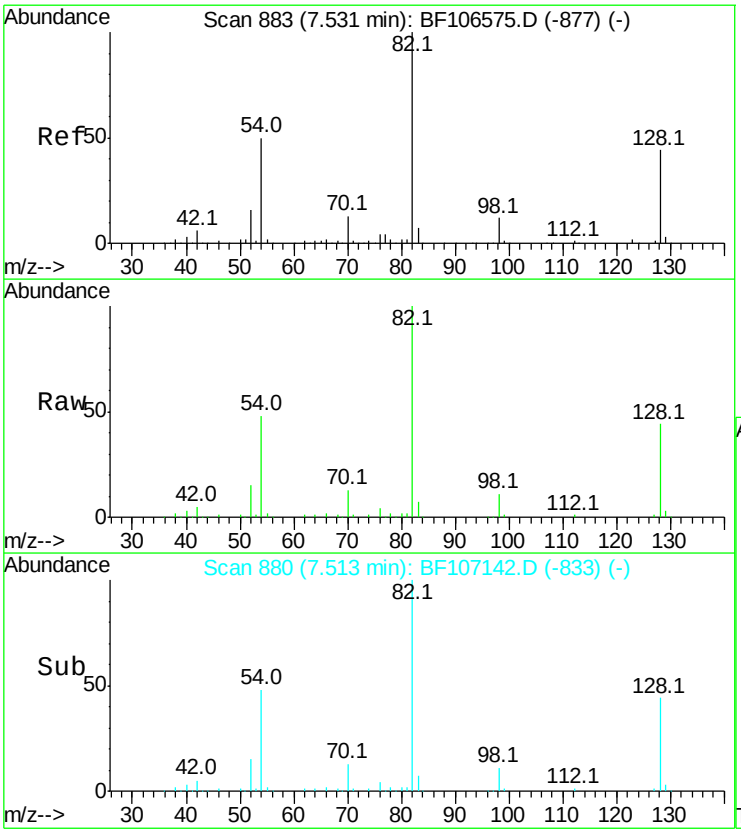
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 204738

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4

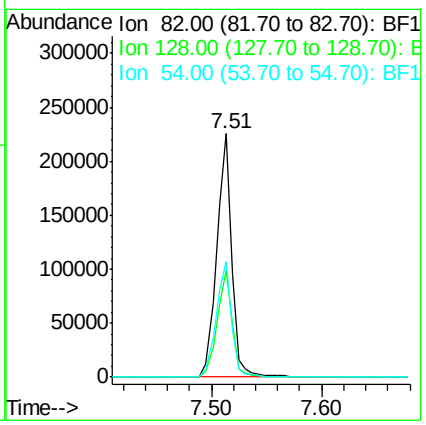


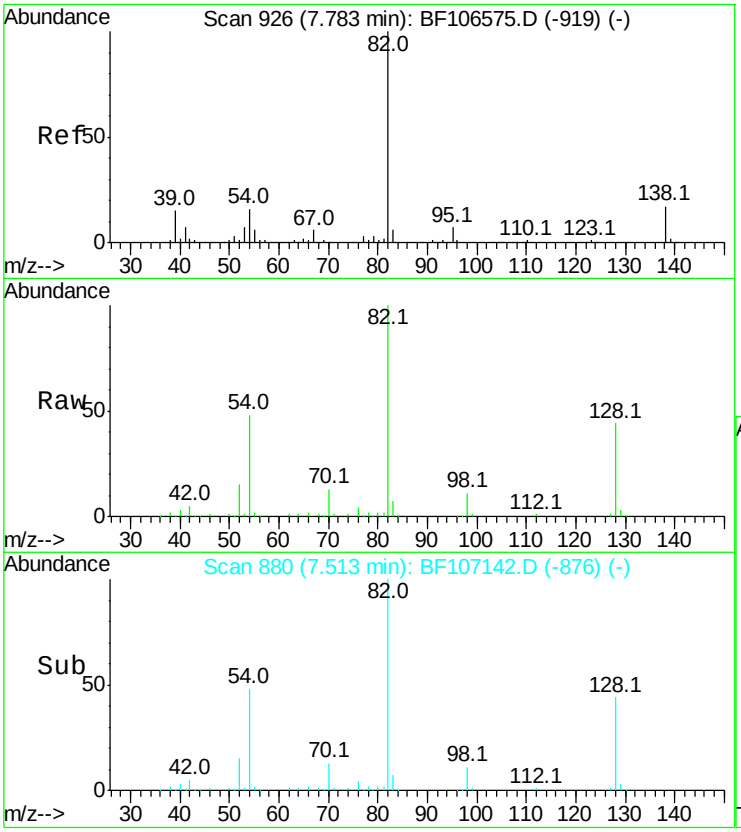


#23
Nitrobenzene-d5
Concen: 58.062 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion: 82 Resp: 213907

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	47.6	41.4	62.2



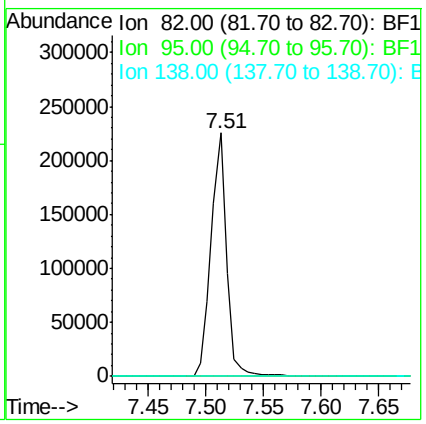


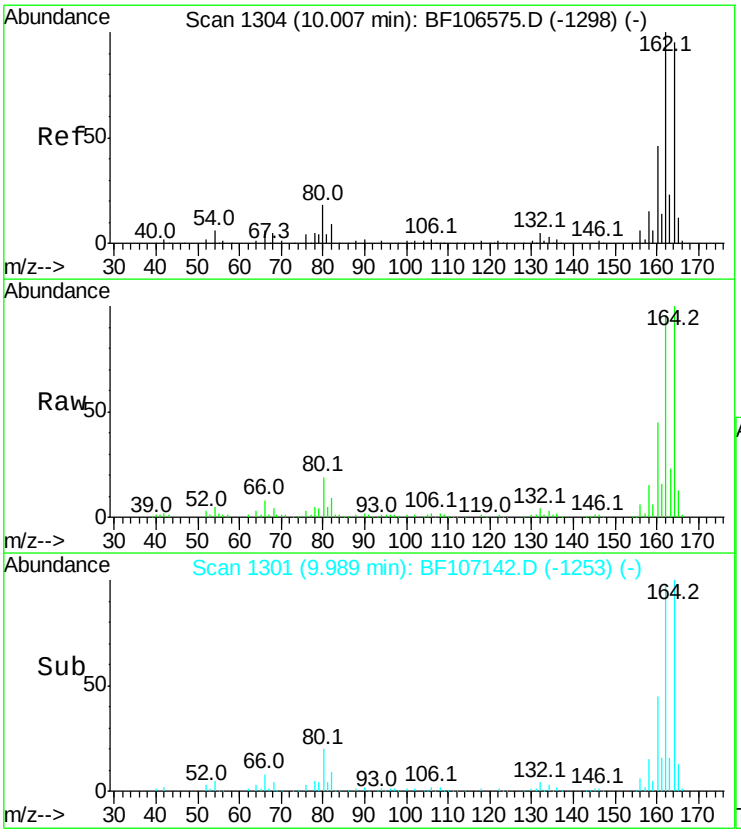
#25
Isophorone
Concen: 32.950 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 213905

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

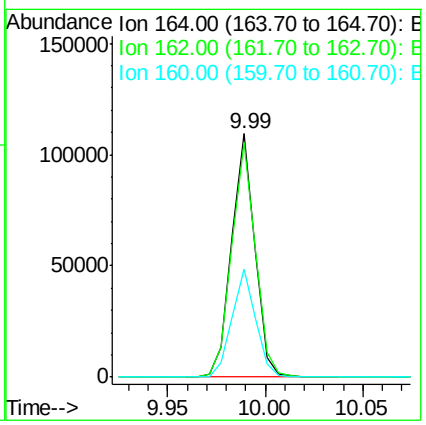


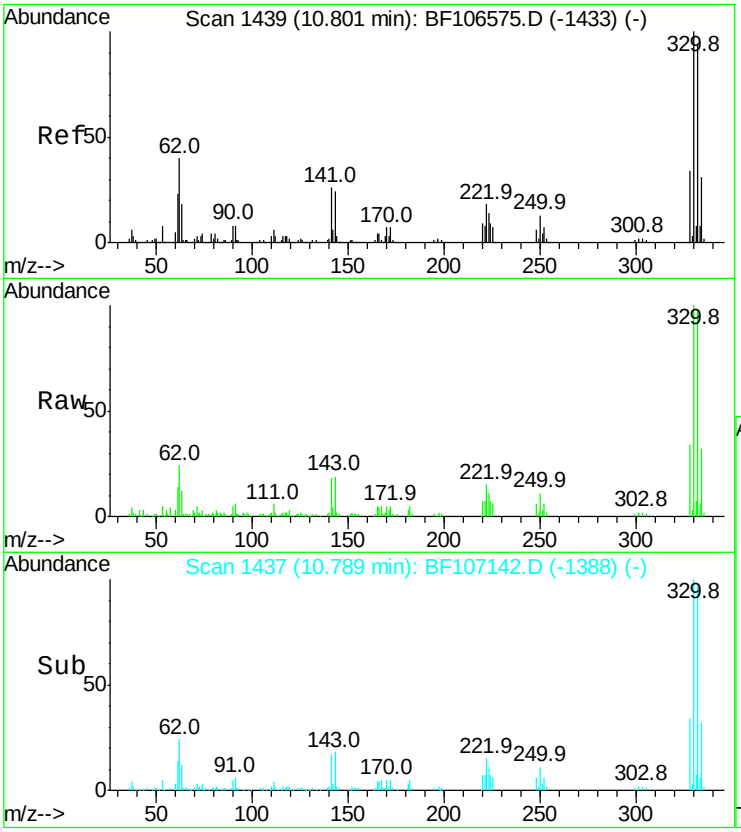


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:164 Resp: 90451

Ion	Ratio	Lower	Upper
164	100		
162	96.4	86.1	129.1
160	44.6	38.3	57.5



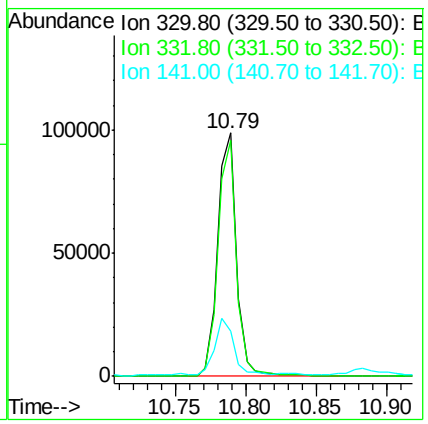


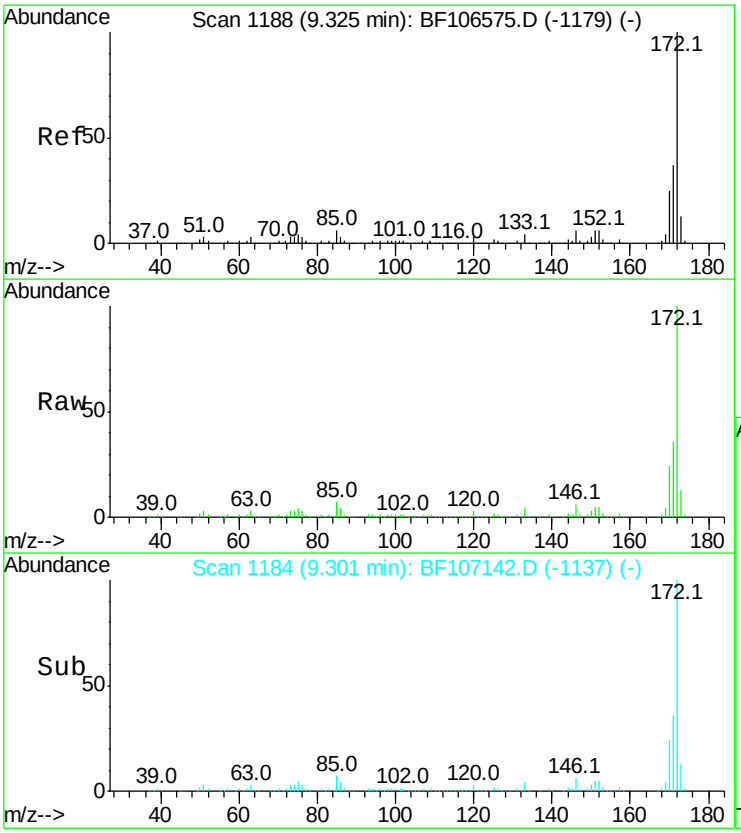
#41
2,4,6-Tribromophenol
Concen: 87.251 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 91470

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.0	29.9	44.9#

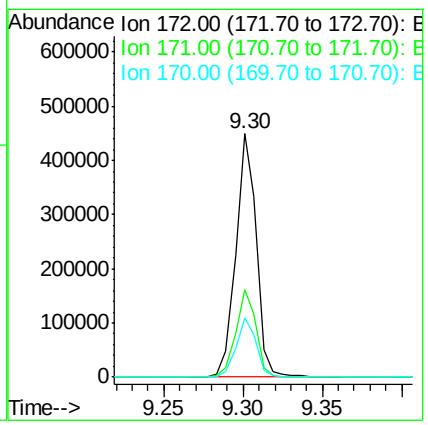


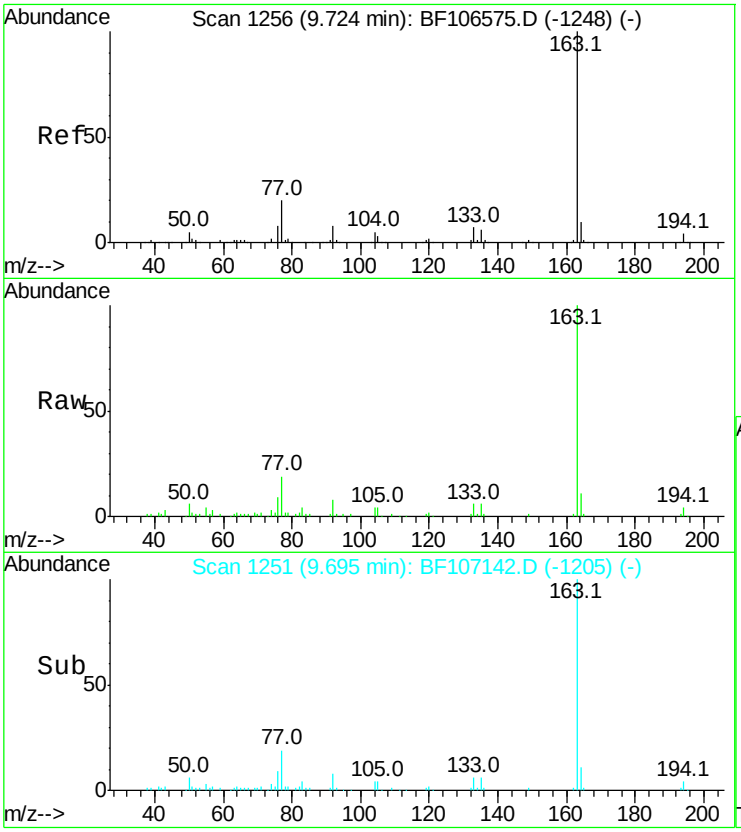


#44
2-Fluorobiphenyl
Concen: 72.998 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:172 Resp: 401220

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.3	19.6	29.4

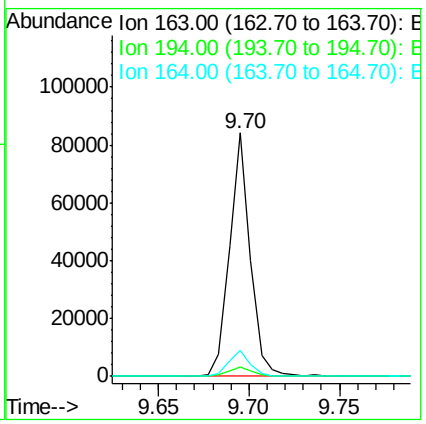




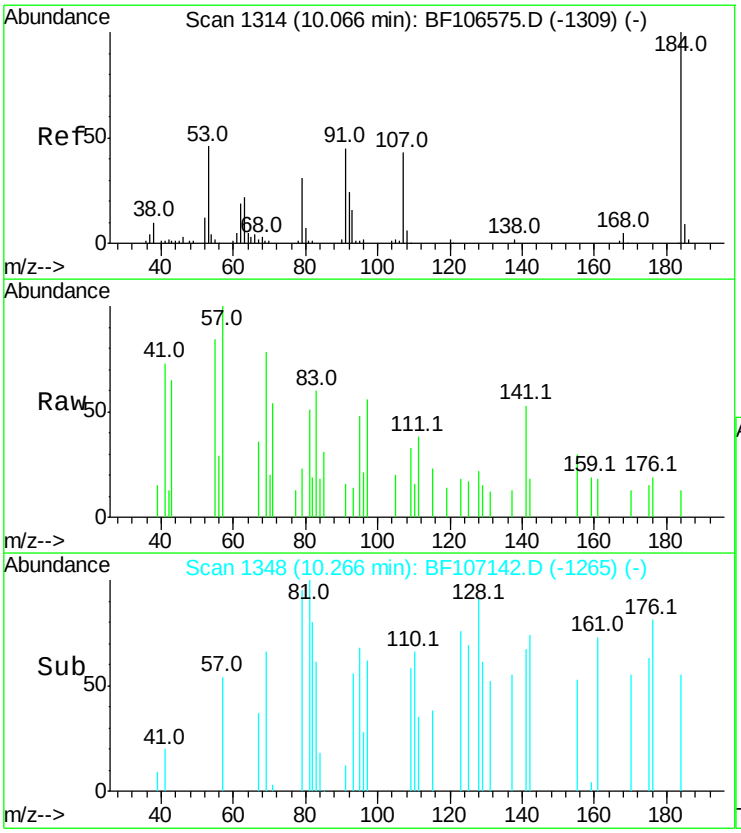
#49
Dimethylphthalate
Concen: 9.888 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:163 Resp: 67078

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



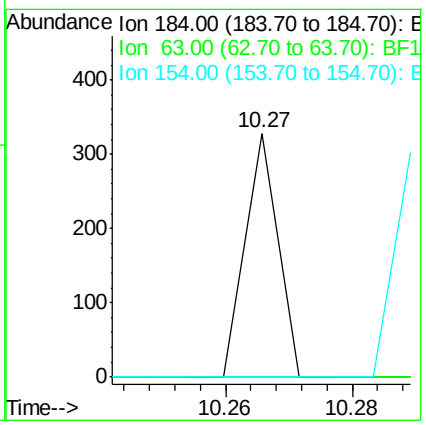
Instrument :
BNA_F
ClientSampleId :

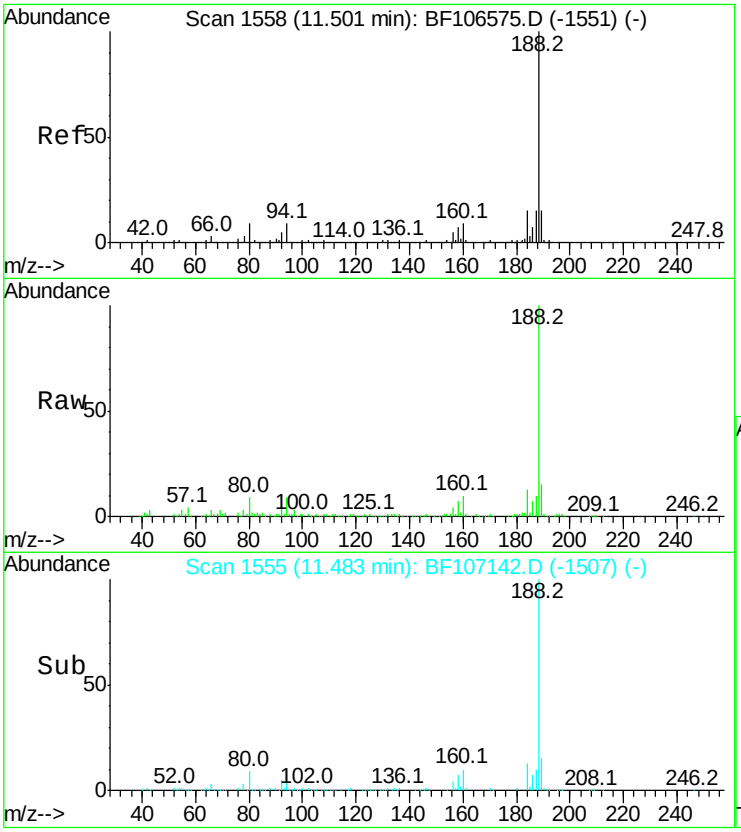


#53
2,4-Dinitrophenol
Concen: 5.498 ng
RT: 10.27 min Scan# 1348
Delta R.T. 0.19 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:184 Resp: 116

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



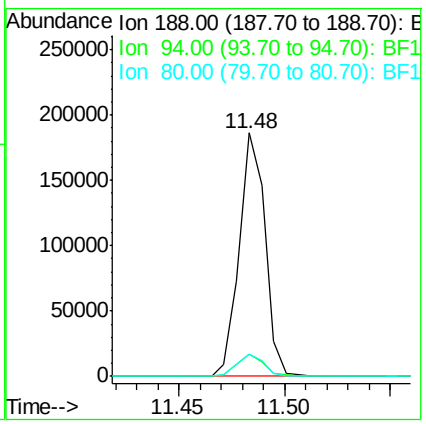


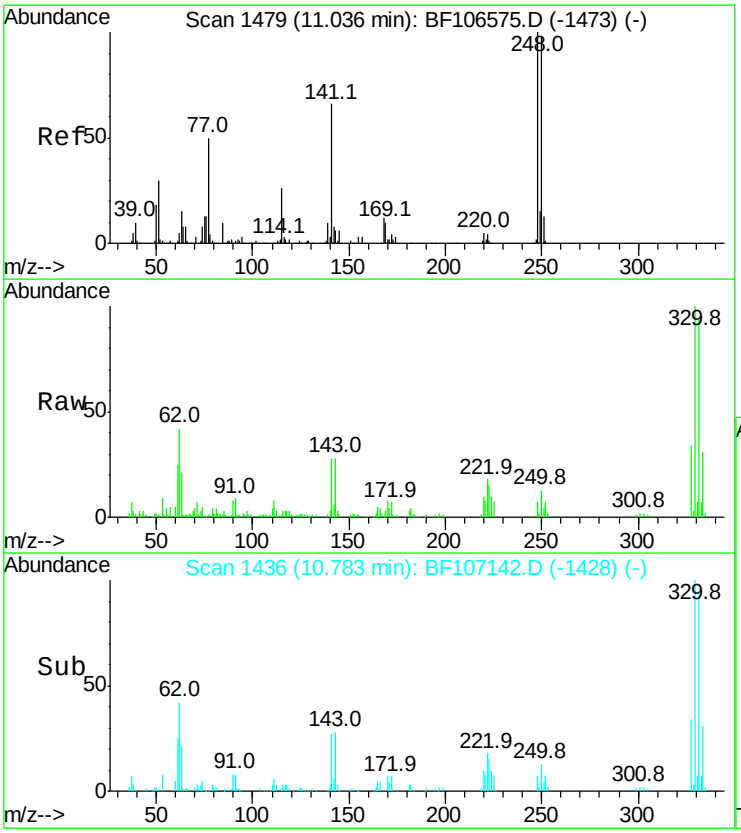
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 158017

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.3	9.2	13.8

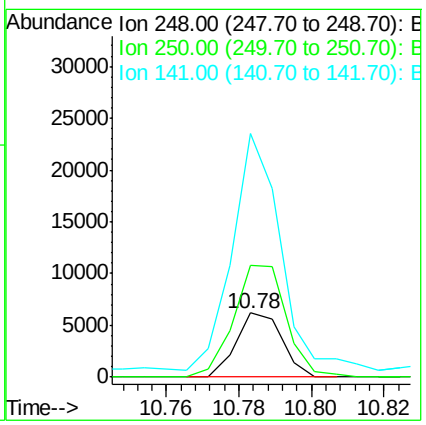


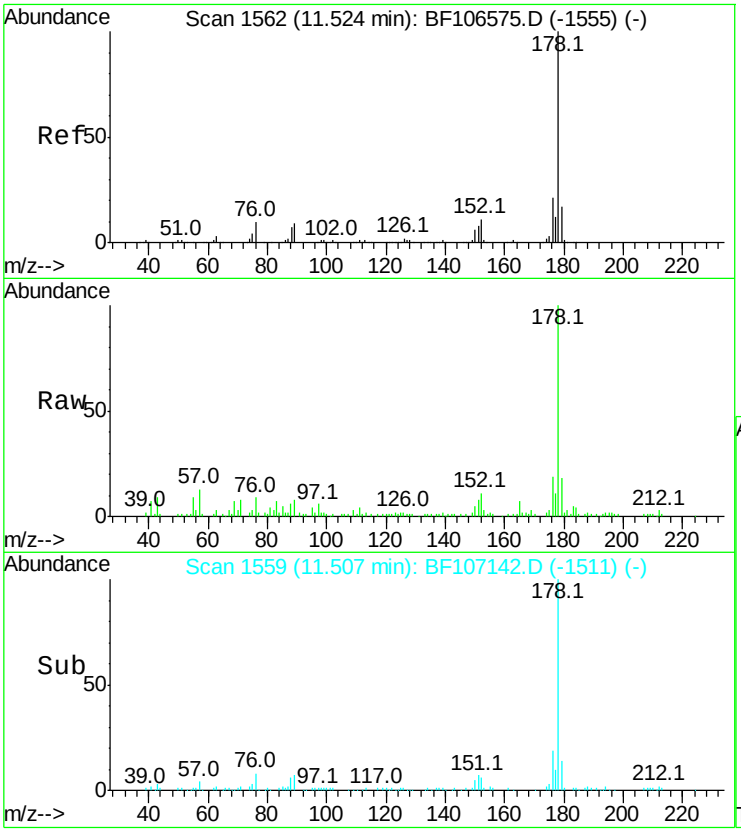


#66
4-Bromophenyl-phenylether
Concen: 2.880 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:248 Resp: 5432

Ion	Ratio	Lower	Upper
248	100		
250	174.1	76.9	115.3#
141	380.8	74.4	111.6#



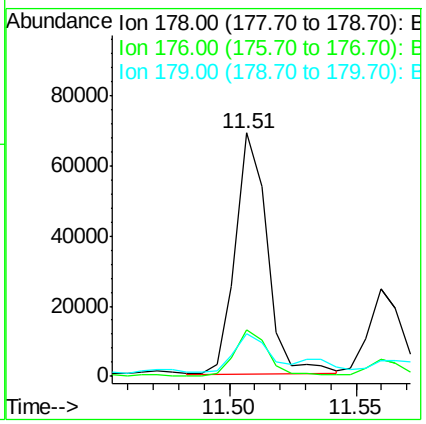


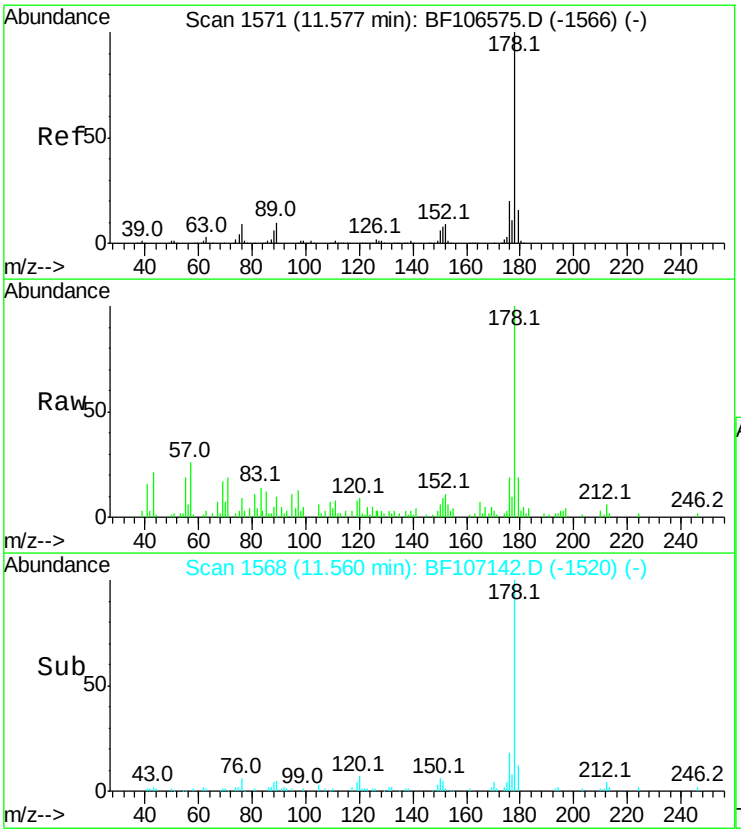
#70
Phenanthrene
Concen: 7.839 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 59746

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	17.7	13.0	19.6

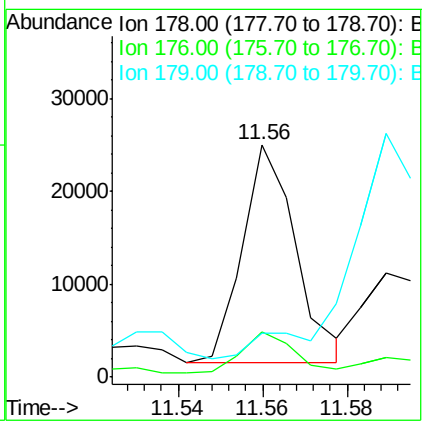


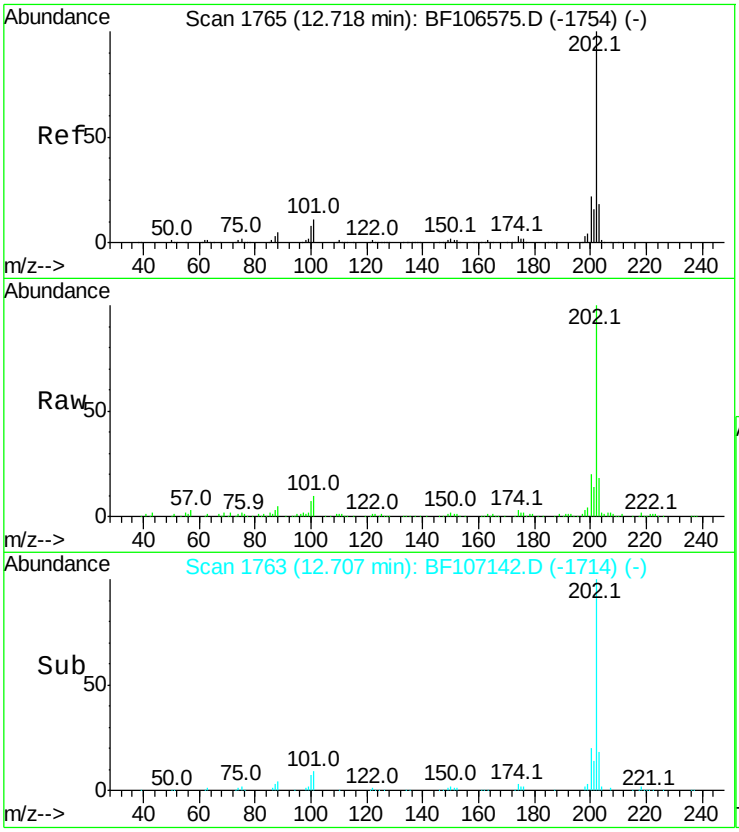


#71
Anthracene
Concen: 2.651 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:178 Resp: 20620

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	18.6	12.6	19.0



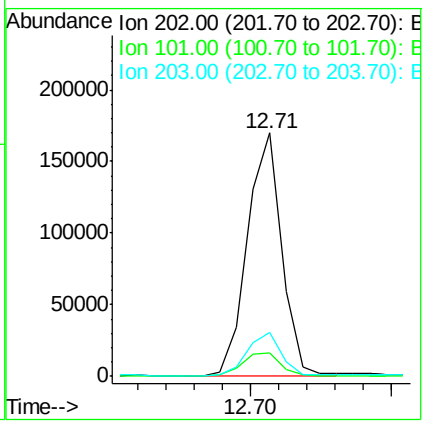


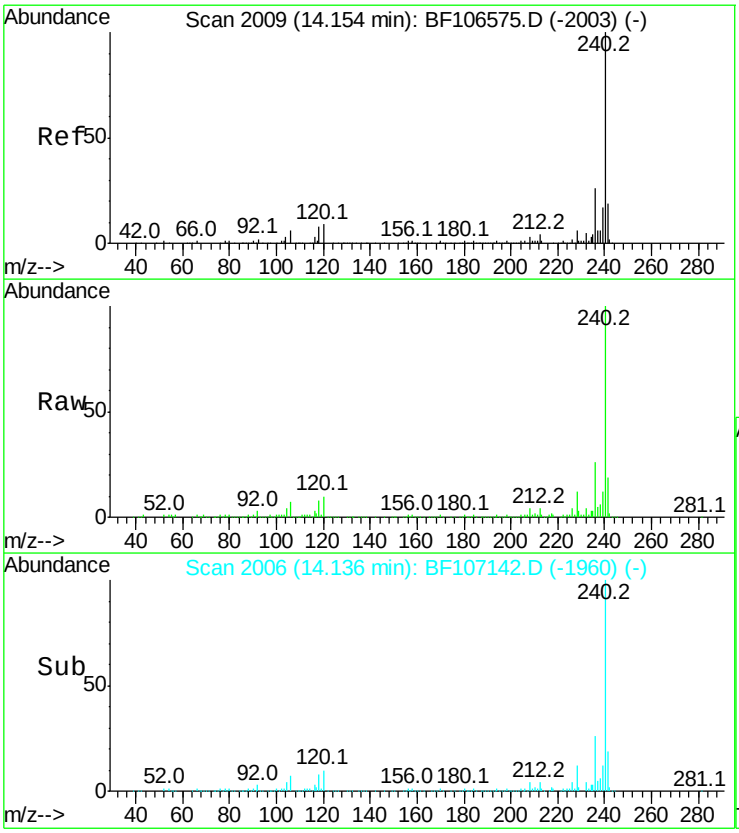
#74
Fluoranthene
Concen: 16.988 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 142704

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.9	0.0	38.1

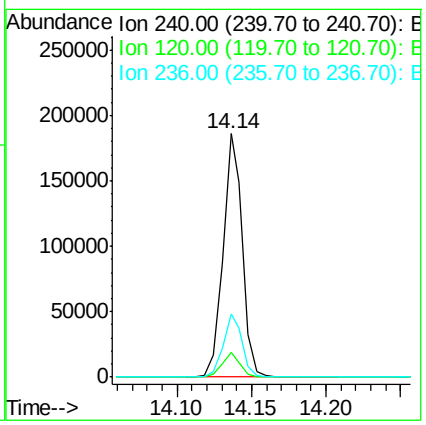


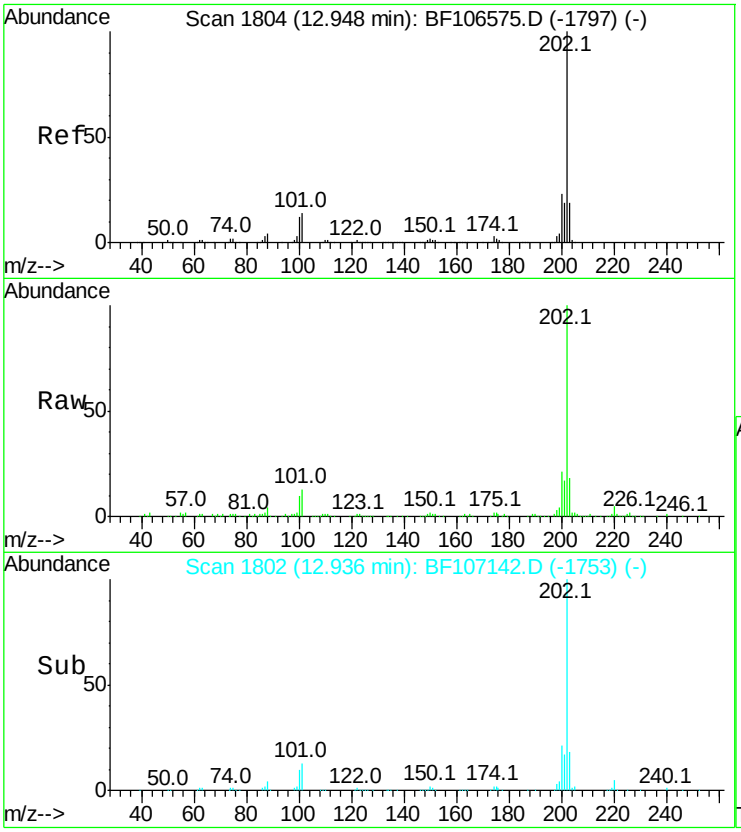


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:240 Resp: 169532

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.7	20.7	31.1



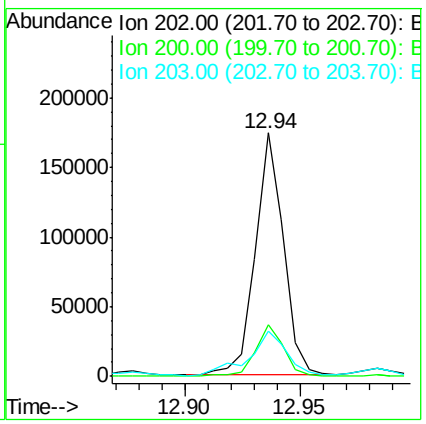


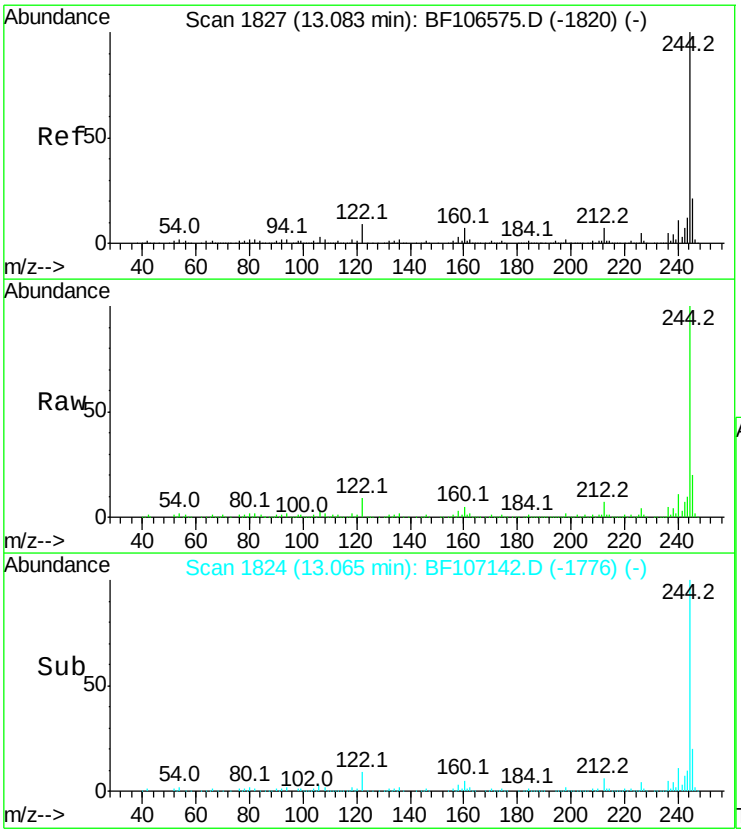
#77
Pyrene
Concen: 13.313 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 148831

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.5	14.3	21.5

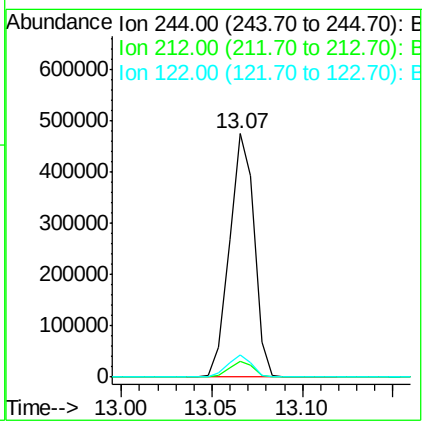


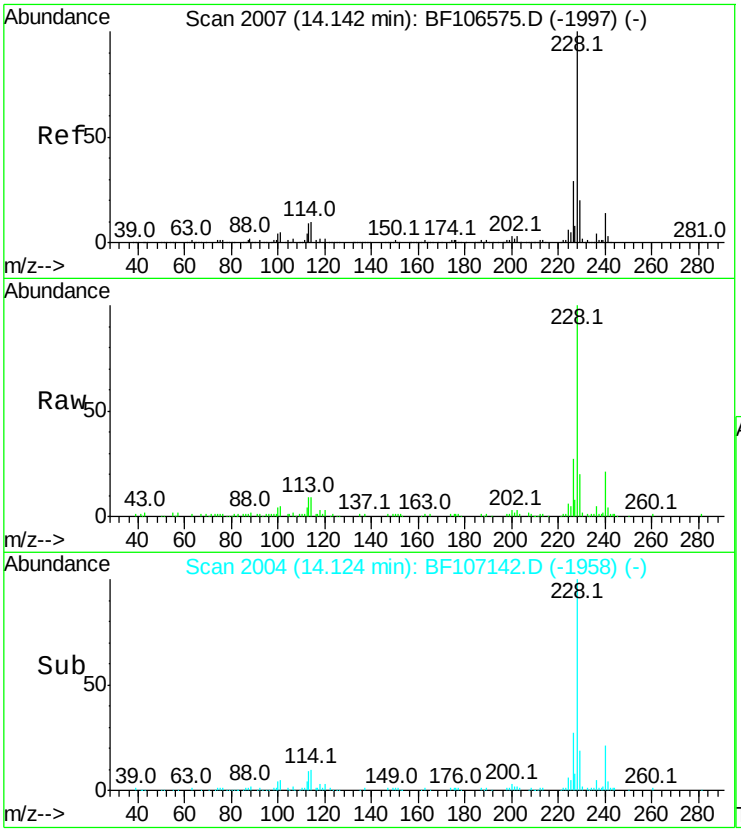


#78
Terphenyl-d14
Concen: 64.157 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:244 Resp: 449024

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.3	11.0	16.4#



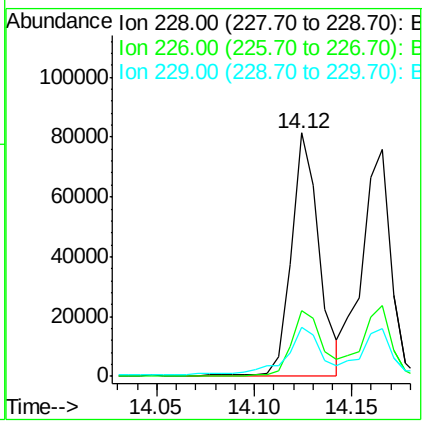


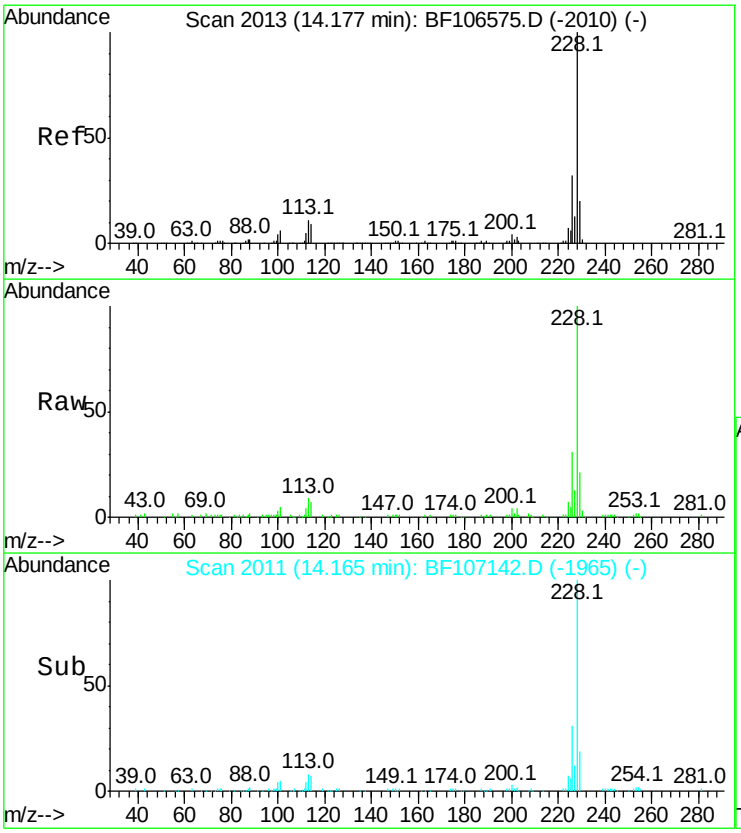
#80
Benzo(a)anthracene
Concen: 7.763 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 80212

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.0	15.8	23.6

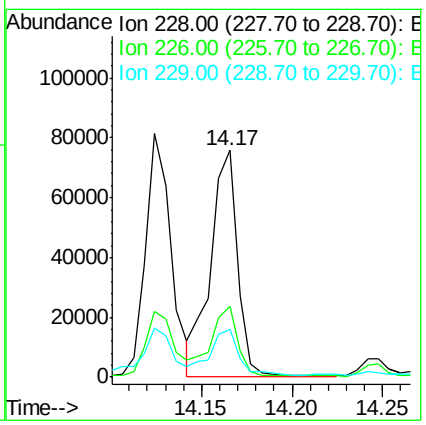


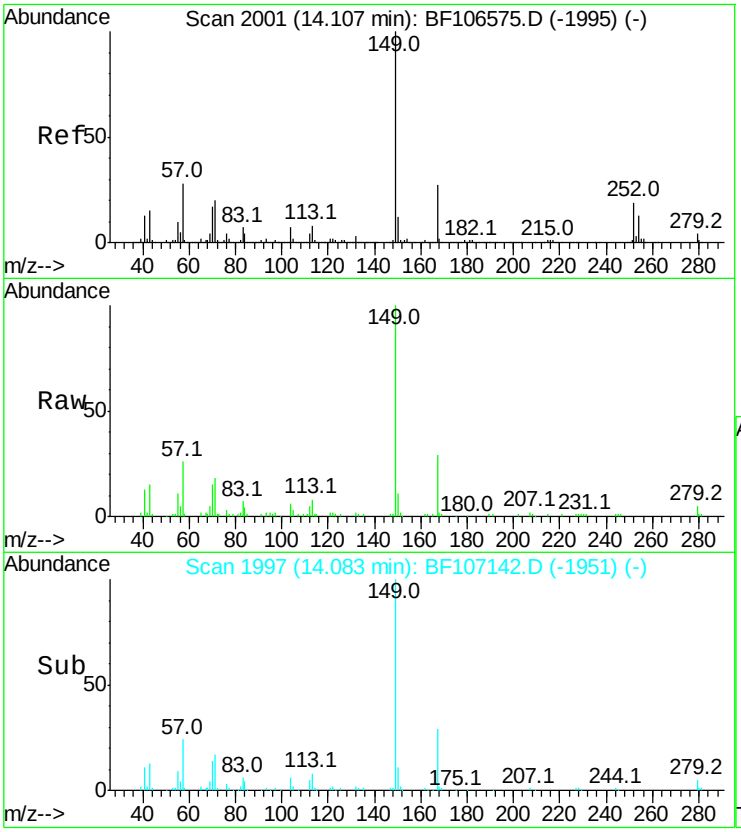


#82
Chrysene
Concen: 8.370 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:228 Resp: 79567

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.2	16.2	24.4



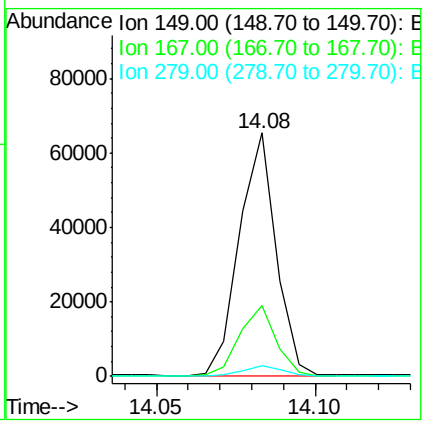


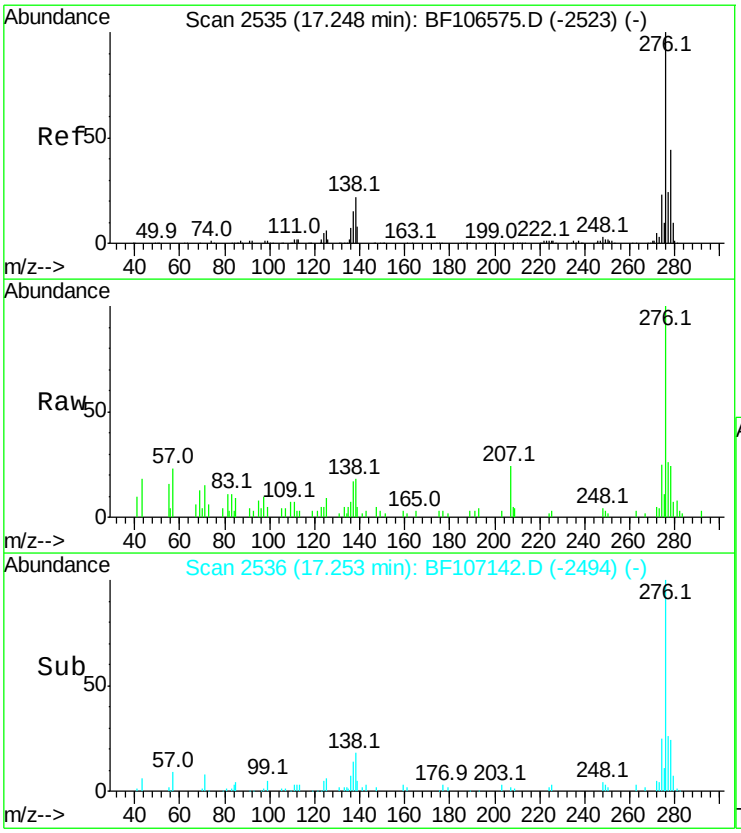
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.982 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 52781

Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.3	31.9
279	4.6	3.0	4.4#

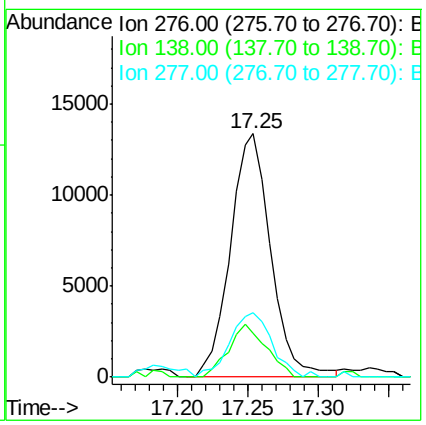


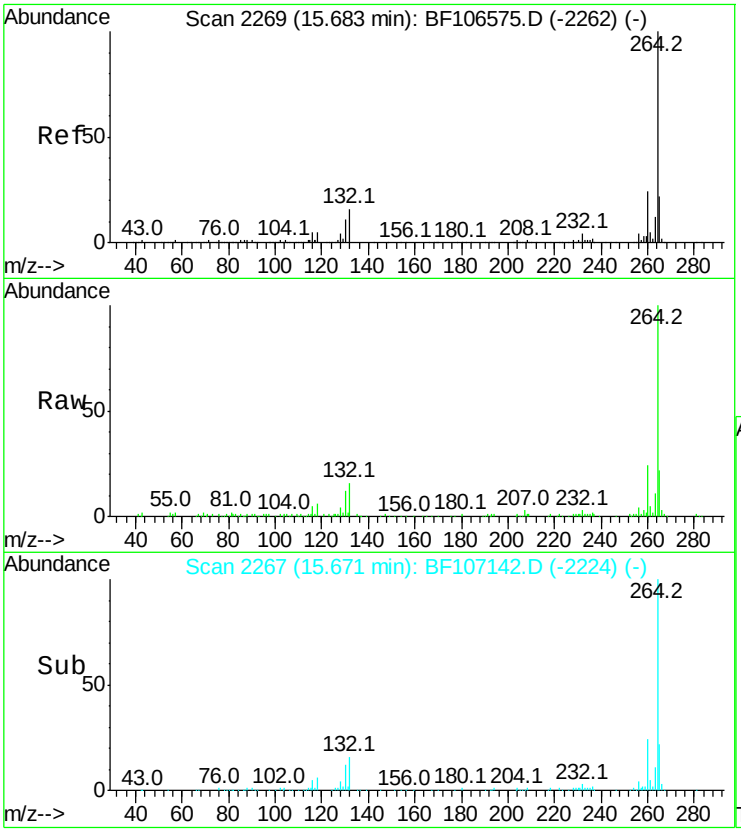


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.316 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:276 Resp: 26746

Ion	Ratio	Lower	Upper
276	100		
138	20.1	25.0	37.6#
277	27.6	20.1	30.1



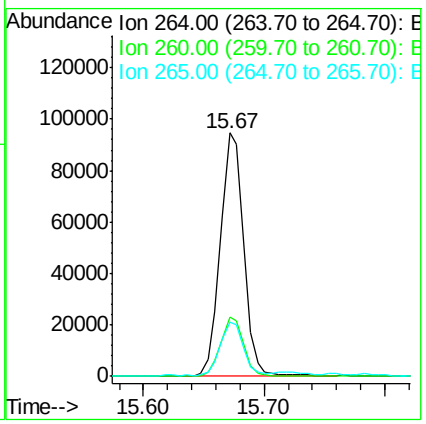


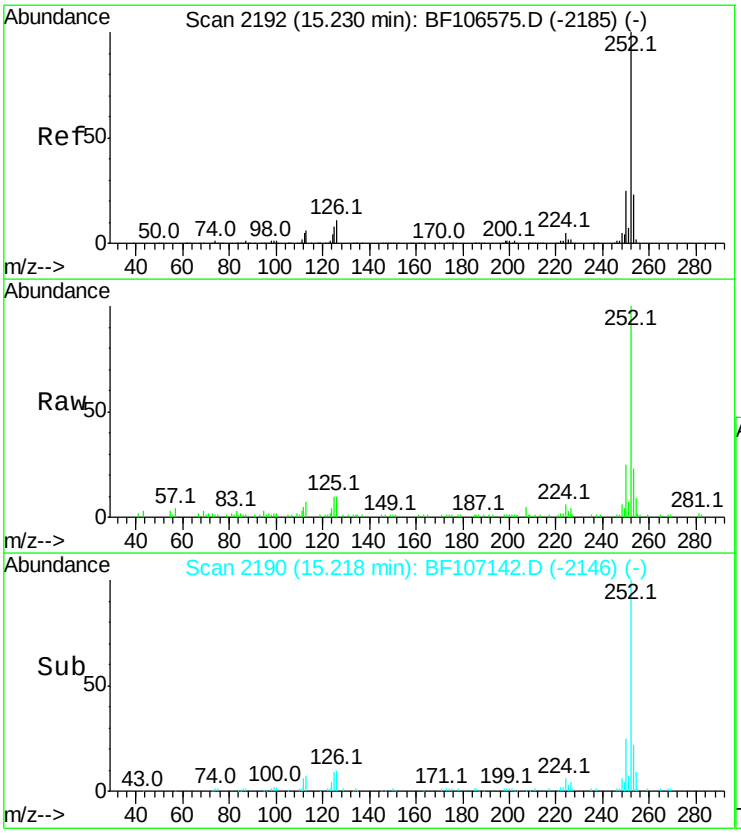
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 126651

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

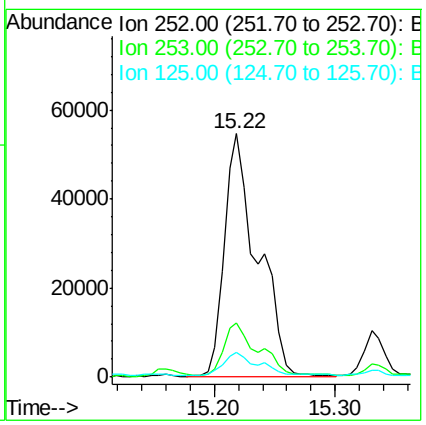


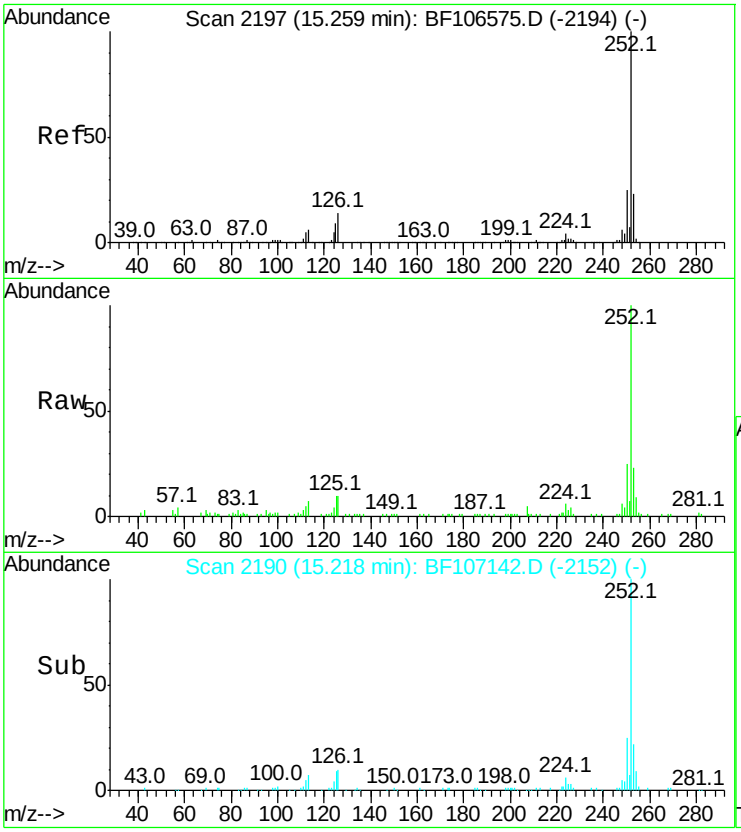


#87
Benzo(b)fluoranthene
Concen: 13.339 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:252 Resp: 104944

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.3	9.0	13.6



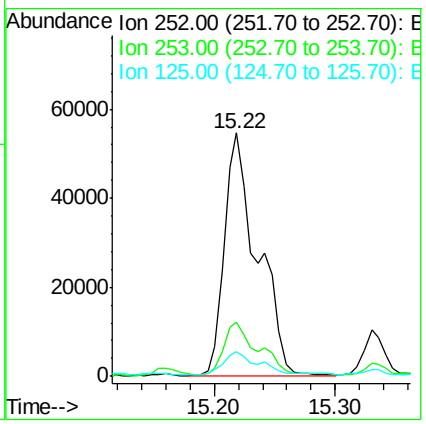


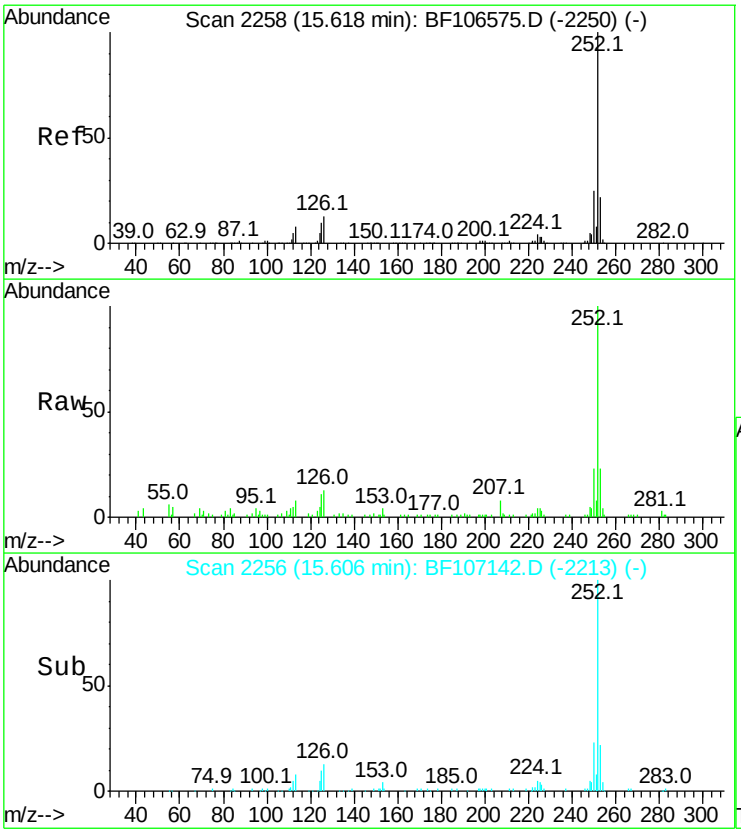
#88
Benzo(k)fluoranthene
Concen: 14.007 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 104944

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.3	10.2	15.2

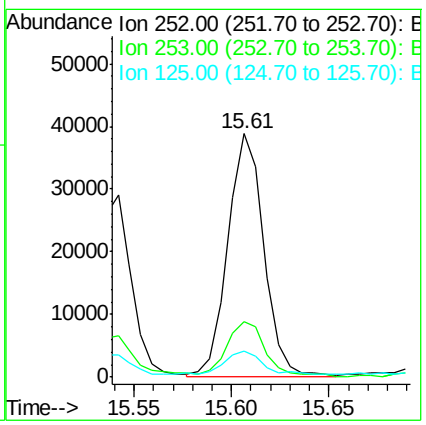


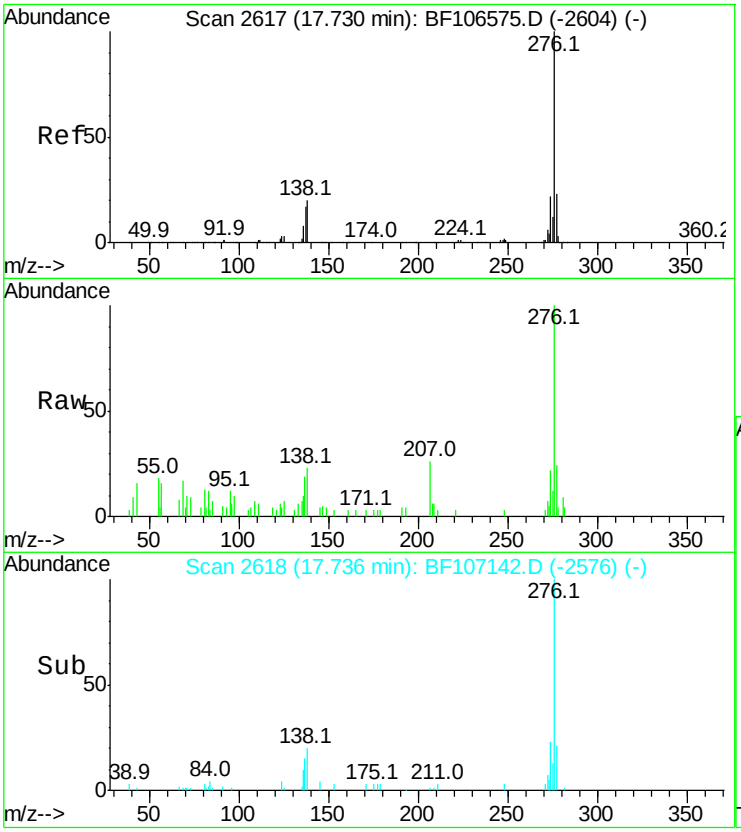


#89
Benzo(a)pyrene
Concen: 7.140 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Tgt Ion:252 Resp: 49936

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.270 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.05 min
Lab File: BF107142.D
Acq: 5 Jul 2018 22:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 24737

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	22.7	21.8	32.8