Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107307.D
Acq On : 11 Jul 2018 18:26
Operator : JU/SJ
Sample : J3914-01RE 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

Quant Time: Jul 12 01:04:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	62415	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	227811	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	101296	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	191889	20.00	ng		0.00
75) Chrysene-d12	14.16	240	181481	20.00	ng		0.02
86) Perylene-d12	15.74	264	115671	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	183614	49.81	ng		0.00
7) Phenol-d6	6.59	99	226893	49.29	ng		0.01
23) Nitrobenzene-d5	7.50	82	135161	32.97	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	53749	45.78	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	236258	29.92	ng		0.00
78) Terphenyl-d14	13.07	244	248231	33.13	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	17269	5.691	ng	#	76
20) 3+4-Methylphenols	7.38	107	1155	Below Cal		#	67
25) Isophorone	7.50	82	135159	18.711	ng	#	64
49) Dimethylphthalate	9.68	163	47186	6.211	ng		98
55) 4-Nitrophenol	10.19	139	3161	2.446	ng	#	15
56) 2,4-Dinitrotoluene	9.98	165	13237	6.304	ng	#	21
66) 4-Bromophenyl-phenylether	11.10	248	9211	4.022	ng	#	1
67) Hexachlorobenzene	11.10	284	975757	407.092	ng	#	85
70) Phenanthrene	11.51	178	179707	19.417	ng		98
71) Anthracene	11.56	178	27298	2.890	ng		99
72) Carbazole	11.72	167	18434	2.084	ng		97
74) Fluoranthene	12.71	202	301576	29.563	ng		94
77) Pyrene	12.94	202	258091	21.566	ng		98
80) Benzo(a)anthracene	14.15	228	128563	11.623	ng		98
82) Chrysene	14.19	228	136874	13.451	ng		98
87) Benzo(b)fluoranthene	15.28	252	175976	24.491	ng		96
88) Benzo(k)fluoranthene	15.28	252	175976	25.718	ng		97
89) Benzo(a)pyrene	15.67	252	87452	13.691	ng		96
90) Dibenzo(a,h)anthracene	17.34	278	15274	2.821	ng	#	85
91) Benzo(g,h,i)perylene	17.84	276	56224	10.626	ng	#	88

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

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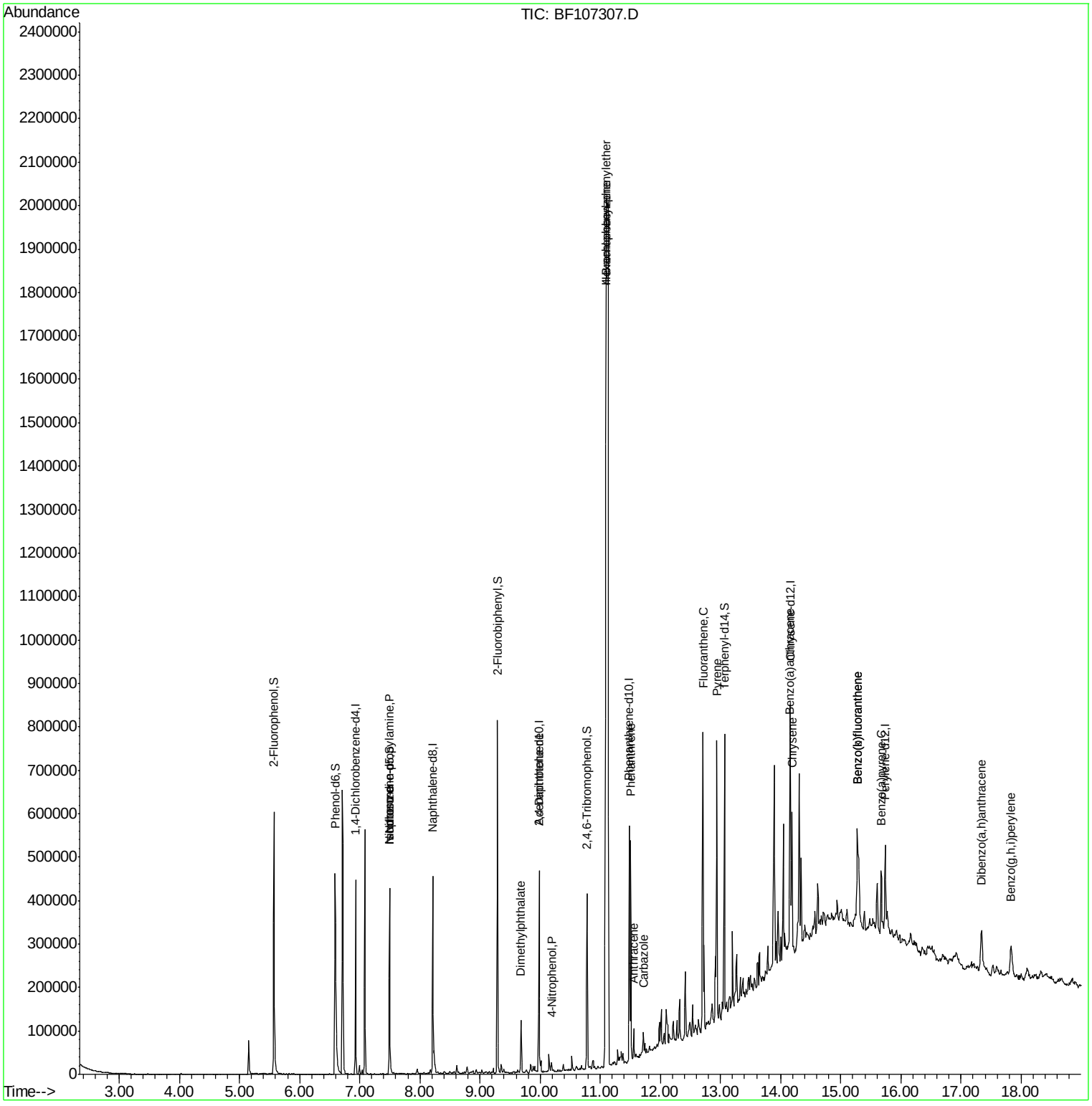
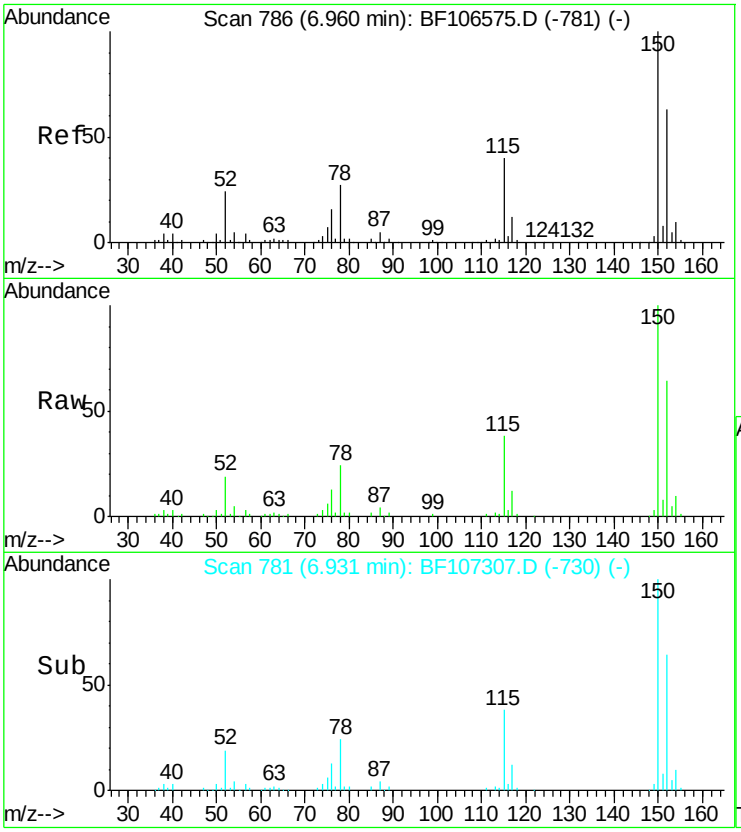


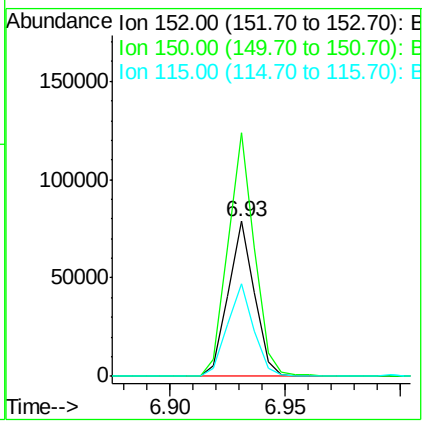


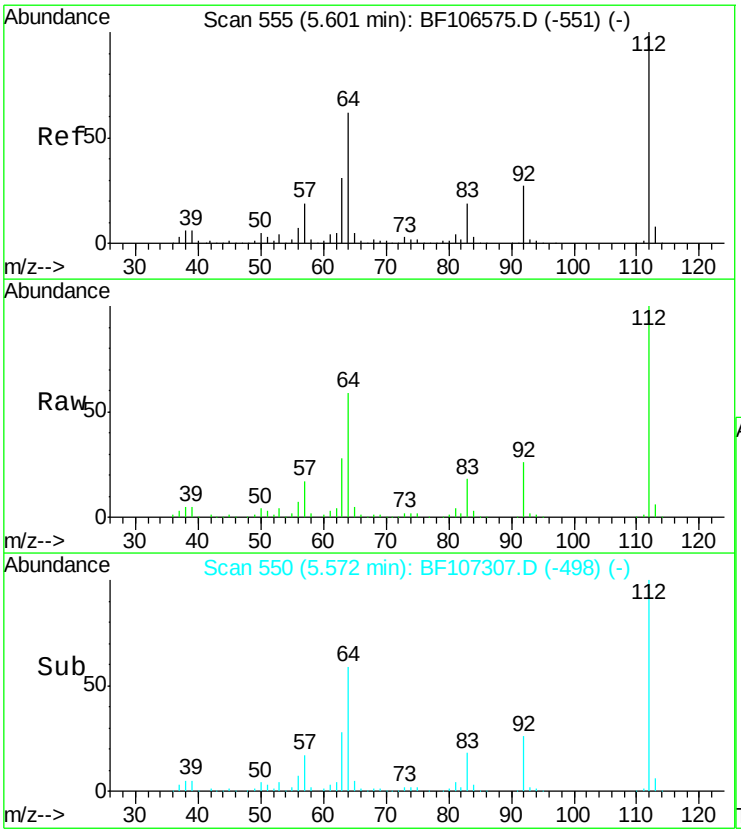
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:152 Resp: 62415

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.3	50.1	75.1

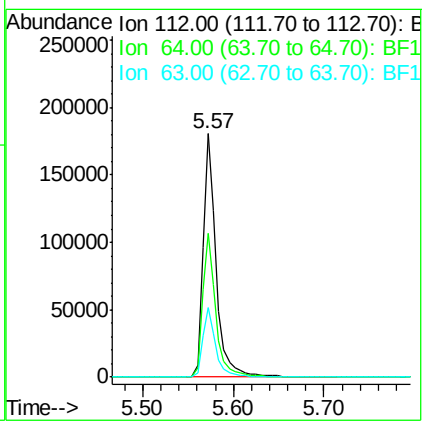


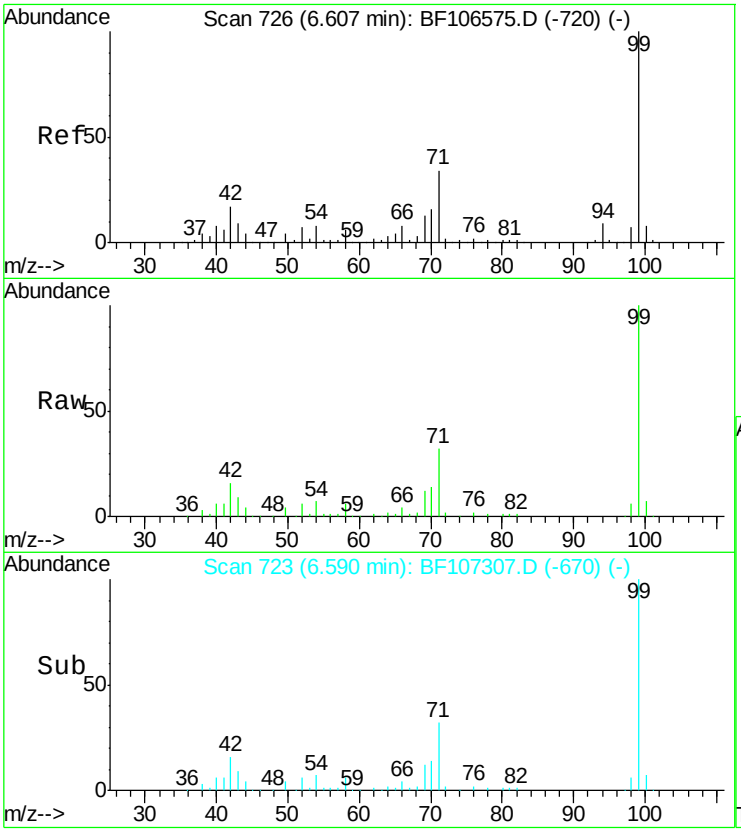


#5
2-Fluorophenol
Concen: 49.814 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:112 Resp: 183614

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	28.4	23.7	35.5



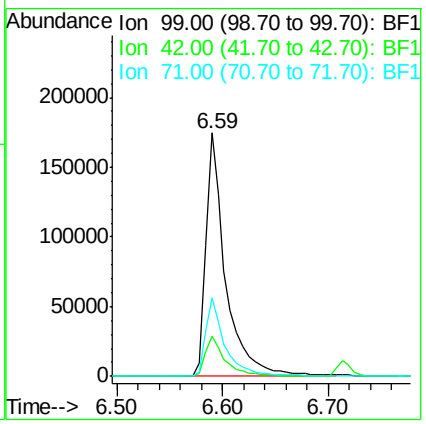


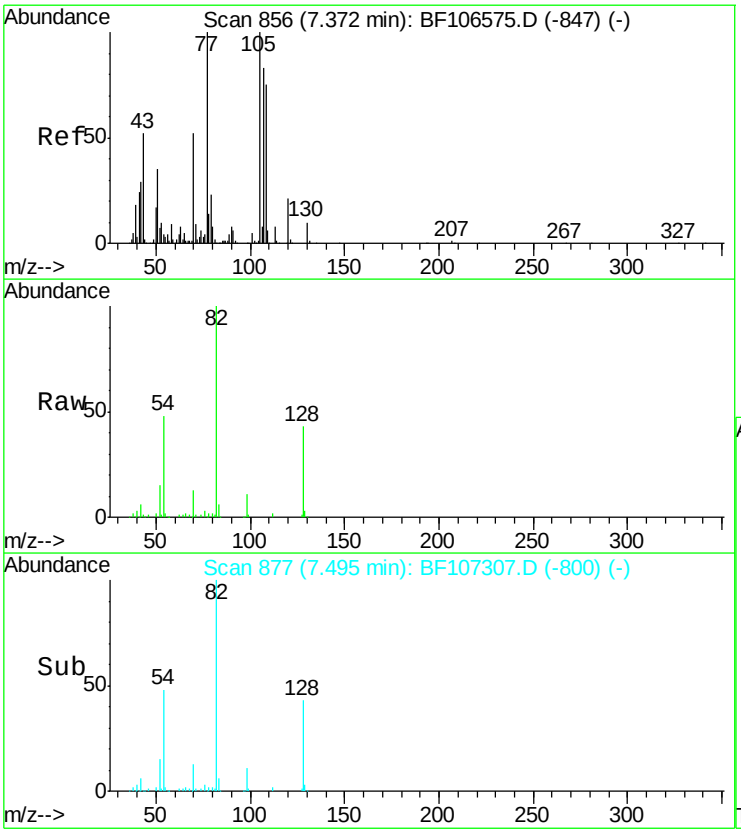
#7
Phenol-d6
Concen: 49.292 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion: 99 Resp: 226893

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	32.1	25.4	38.0

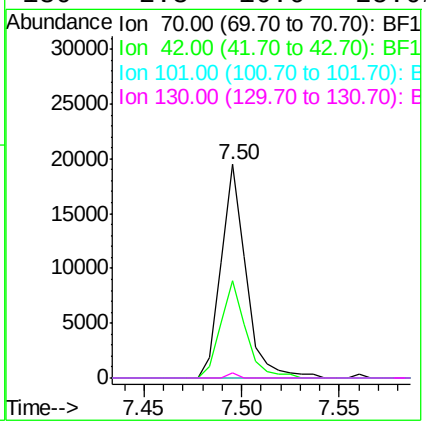


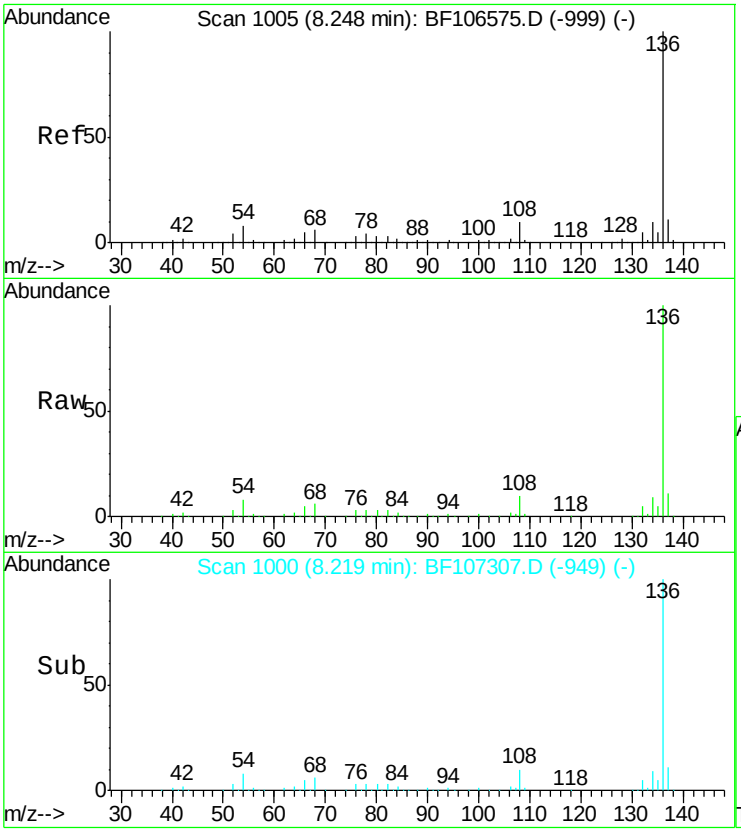


#19
n-Nitroso-di-n-propylamine
Concen: 5.691 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.15 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion: 70 Resp: 17269

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



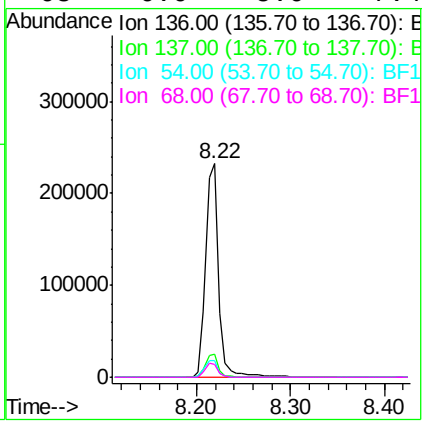


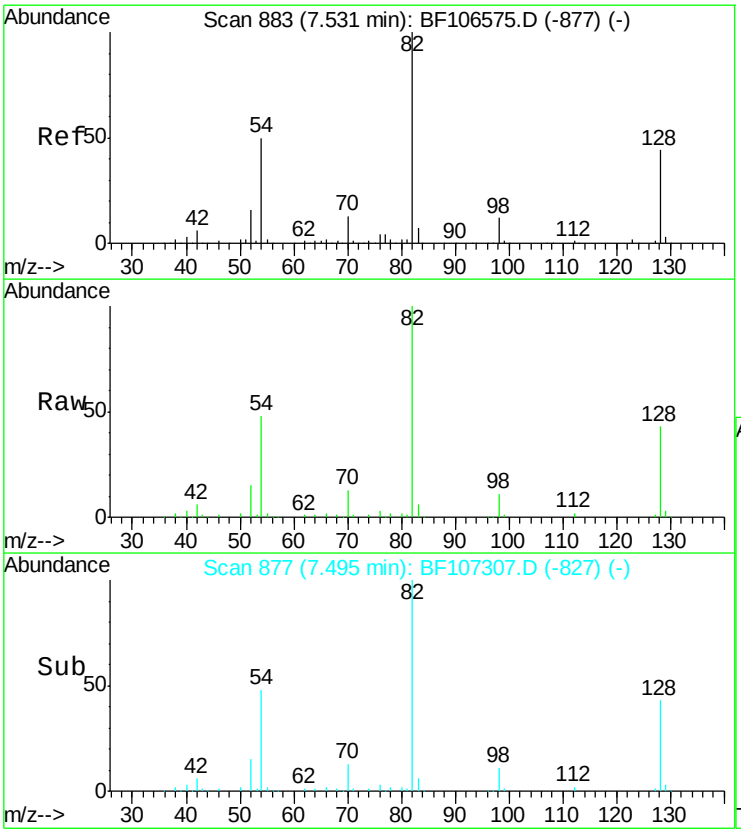
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:136 Resp: 227811

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4

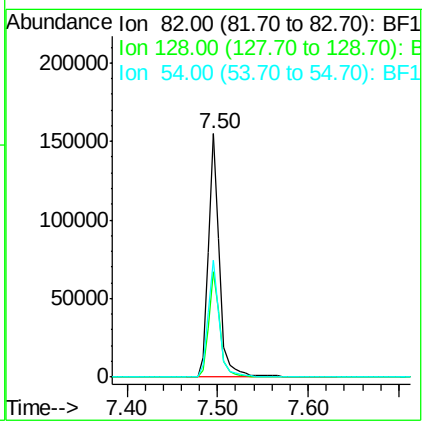


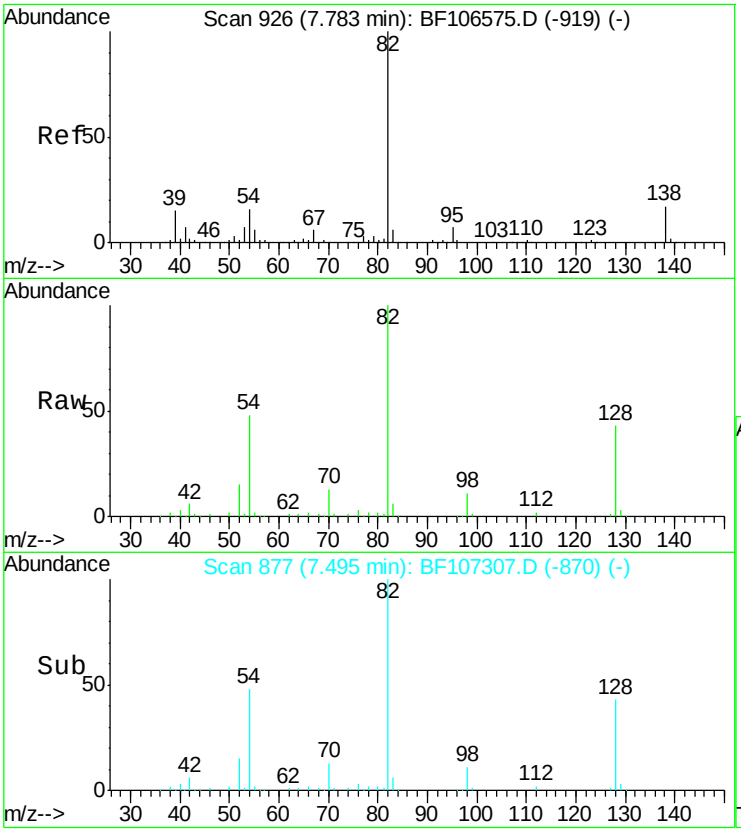


#23
Nitrobenzene-d5
Concen: 32.972 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion: 82 Resp: 135161

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	47.8	41.4	62.2



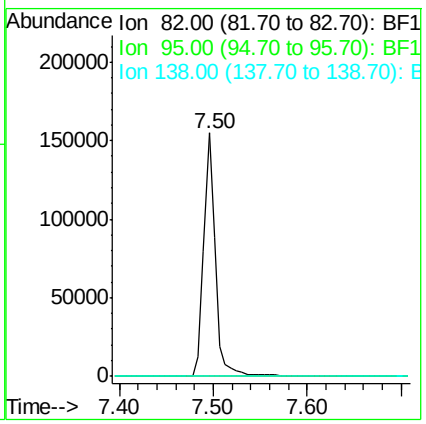


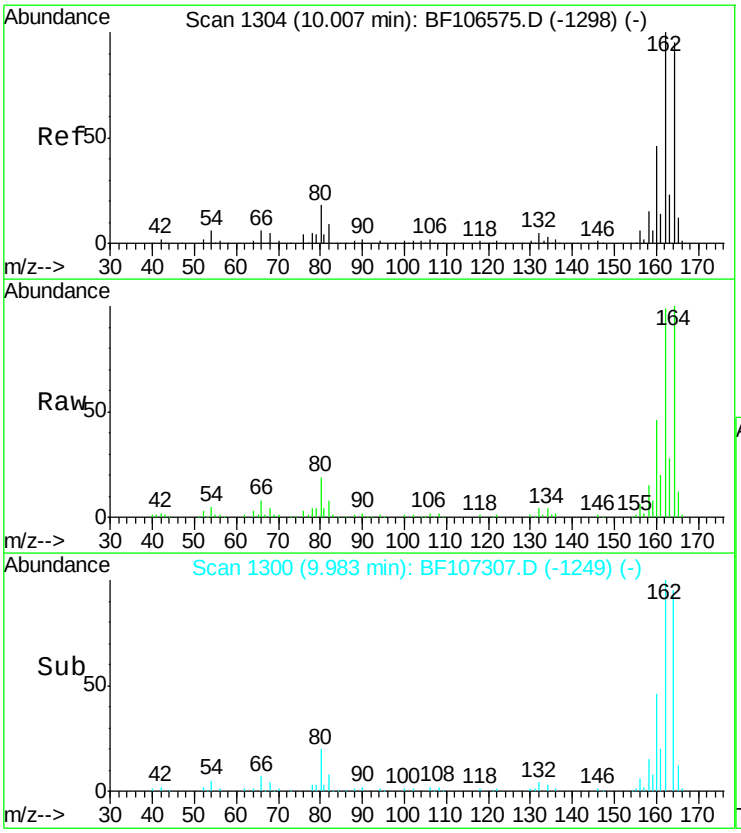
#25
Isophorone
Concen: 18.711 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion: 82 Resp: 135159

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

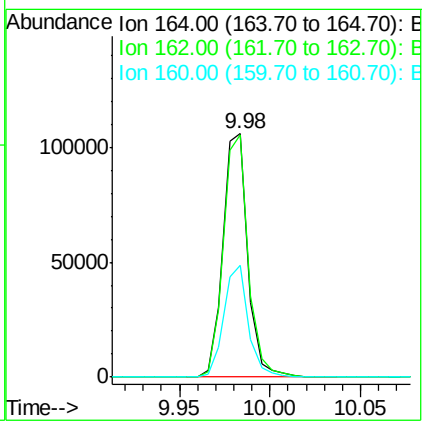


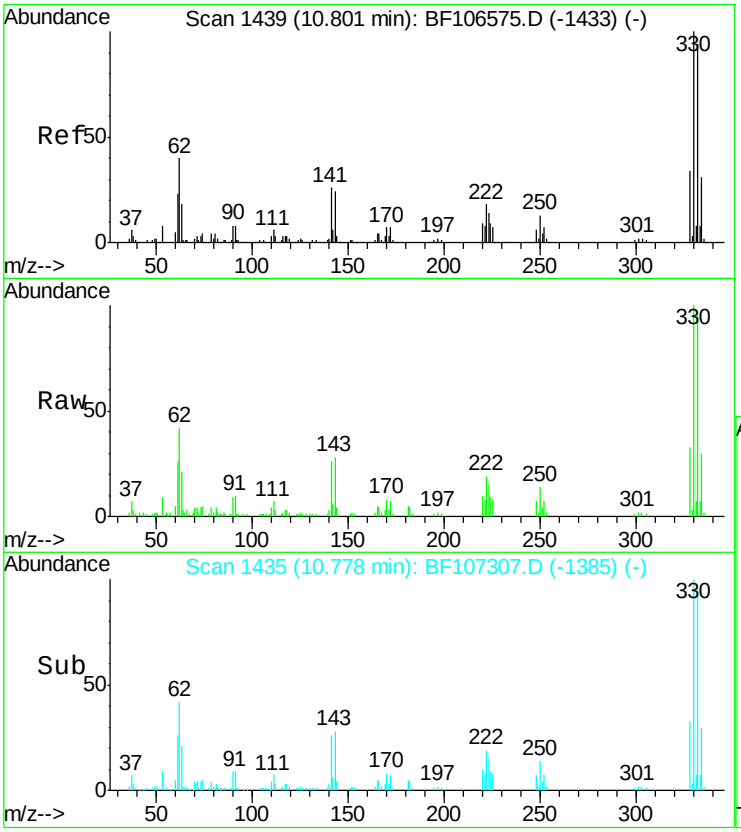


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:164 Resp: 101296

Ion	Ratio	Lower	Upper
164	100		
162	99.4	86.1	129.1
160	45.7	38.3	57.5



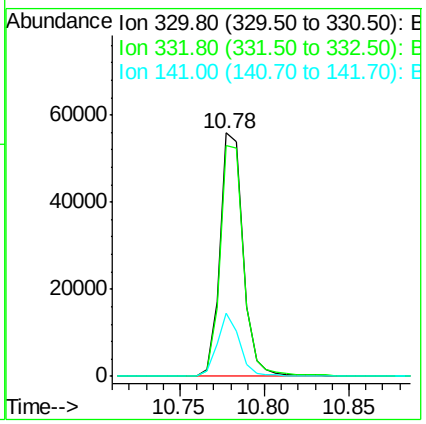


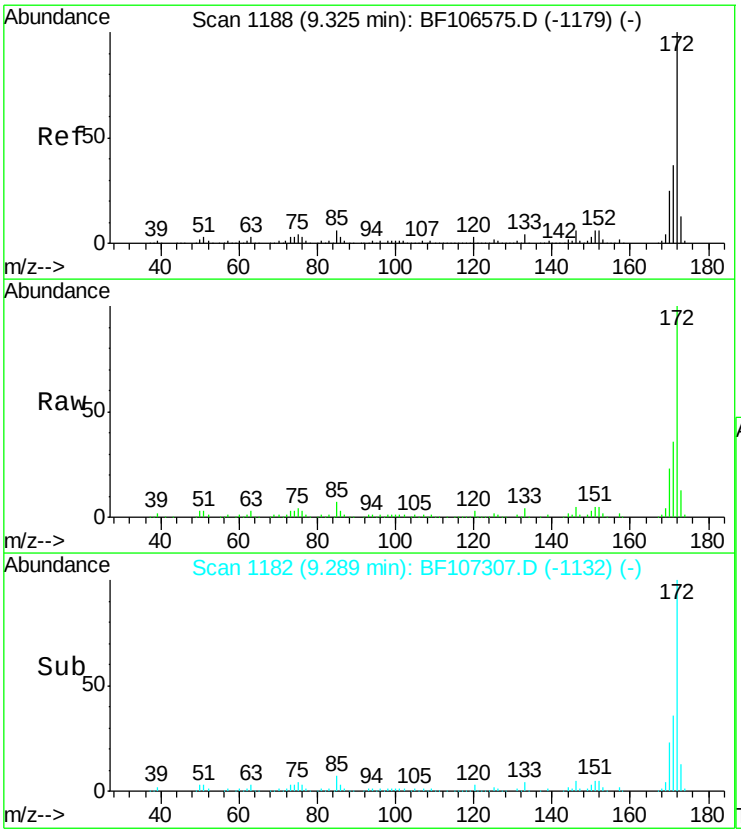
#41
2,4,6-Tribromophenol
Concen: 45.781 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:330 Resp: 53749

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	24.7	29.9	44.9#

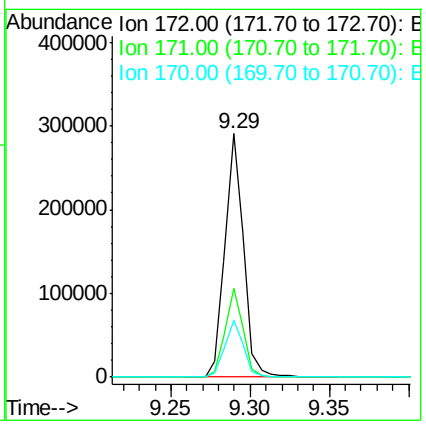


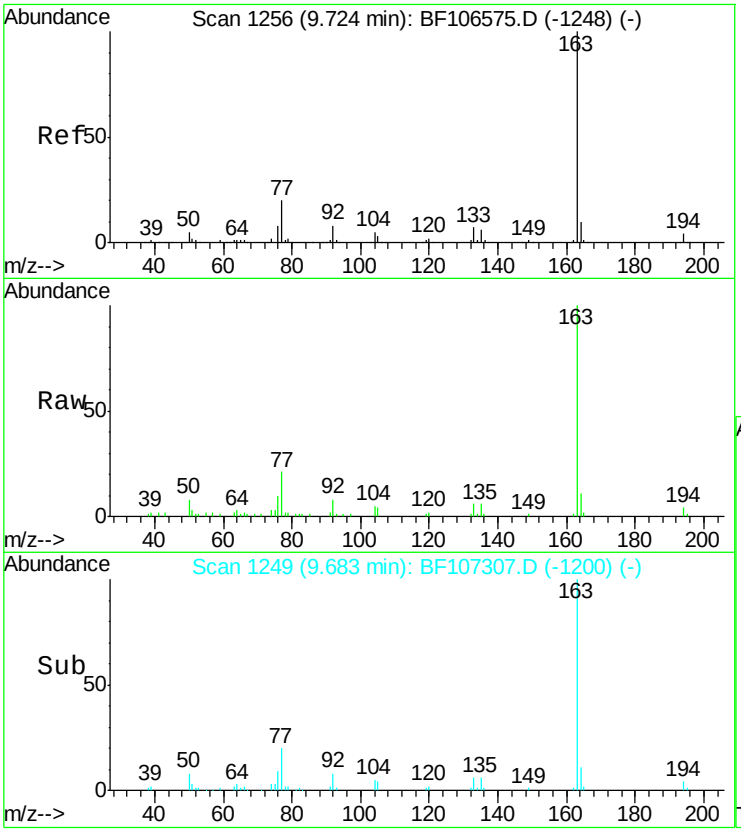


#44
2-Fluorobiphenyl
Concen: 29.919 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:172 Resp: 236258

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.3	19.6	29.4



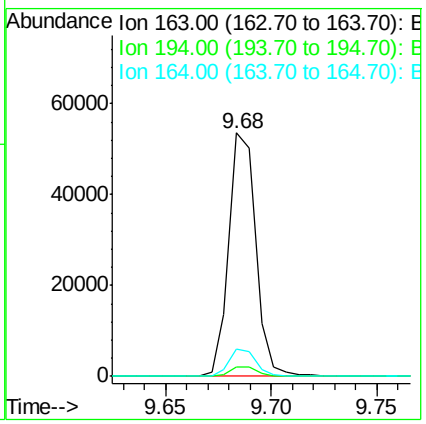


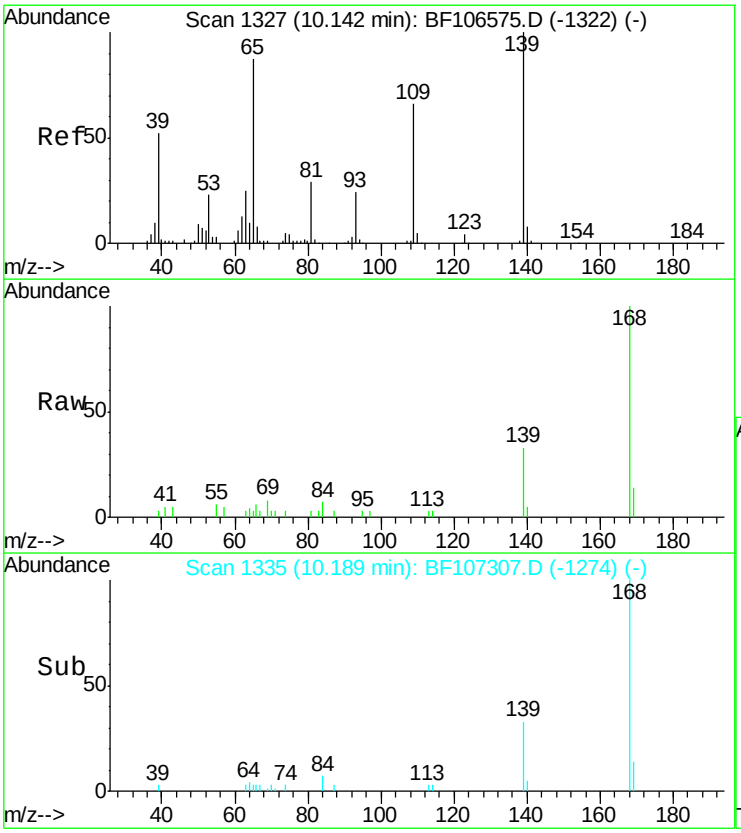
#49
Dimethylphthalate
Concen: 6.211 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:163 Resp: 47186

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

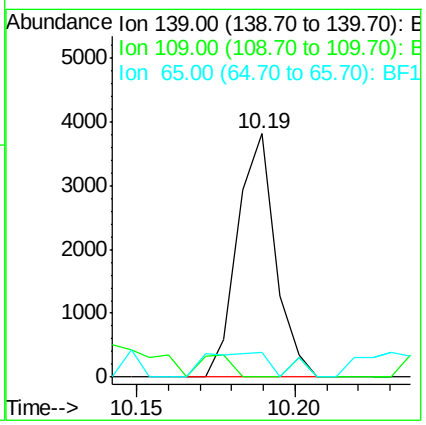


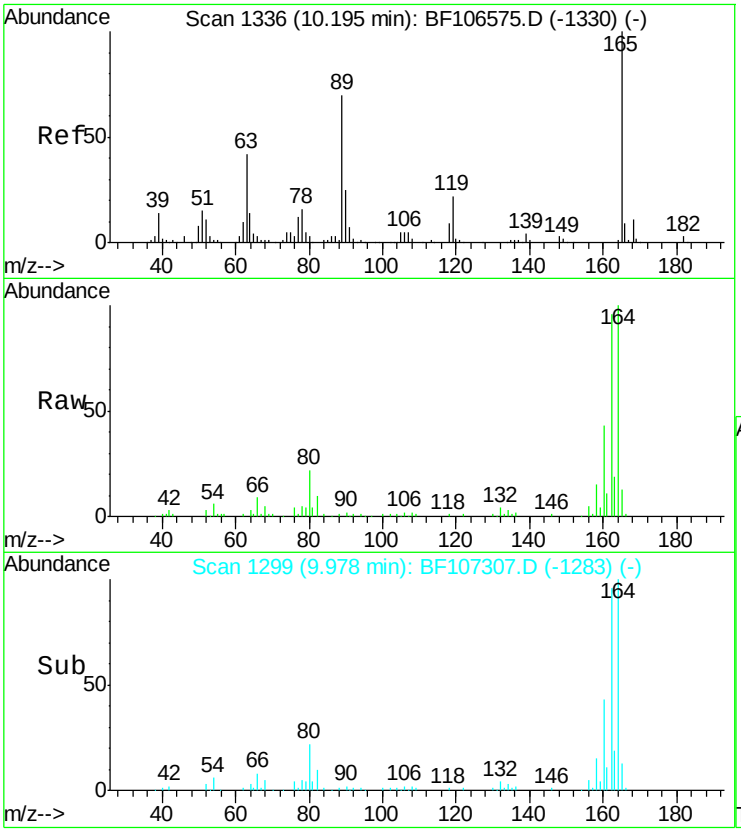


#55
4-Nitrophenol
Concen: 2.446 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.06 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:139 Resp: 3161

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	10.1	72.6	112.6#



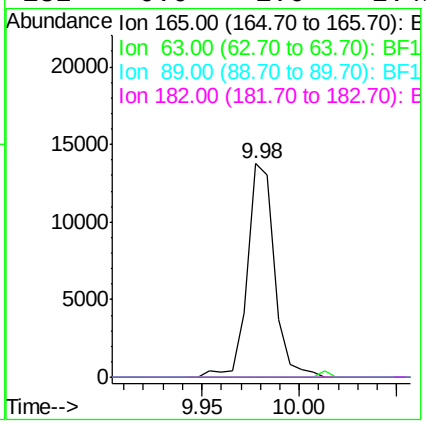


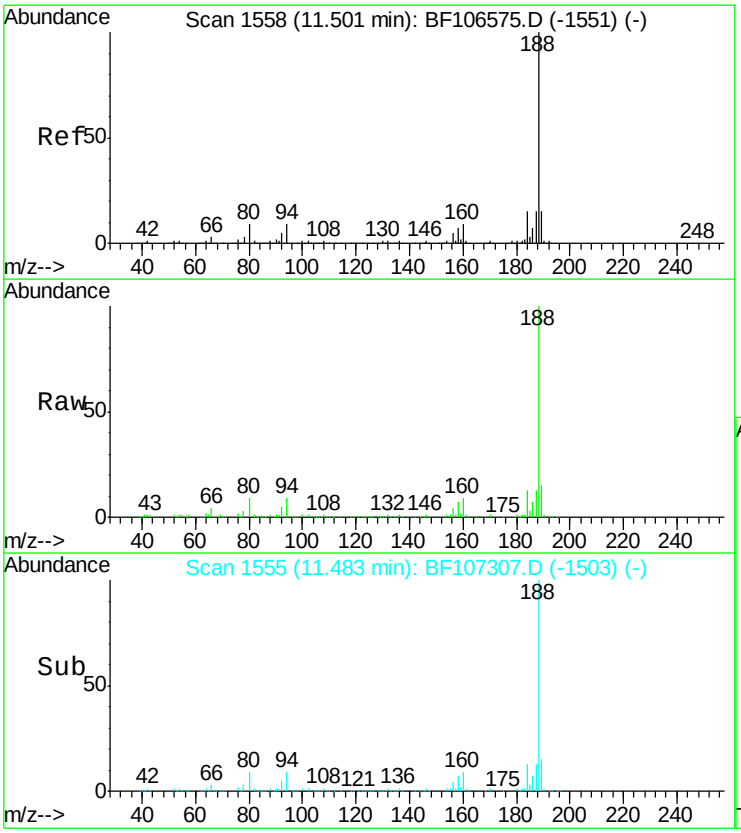
#56
2,4-Dinitrotoluene
Concen: 6.304 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:165 Resp: 13237

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#

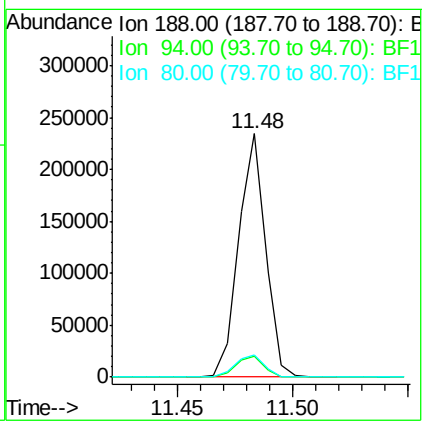


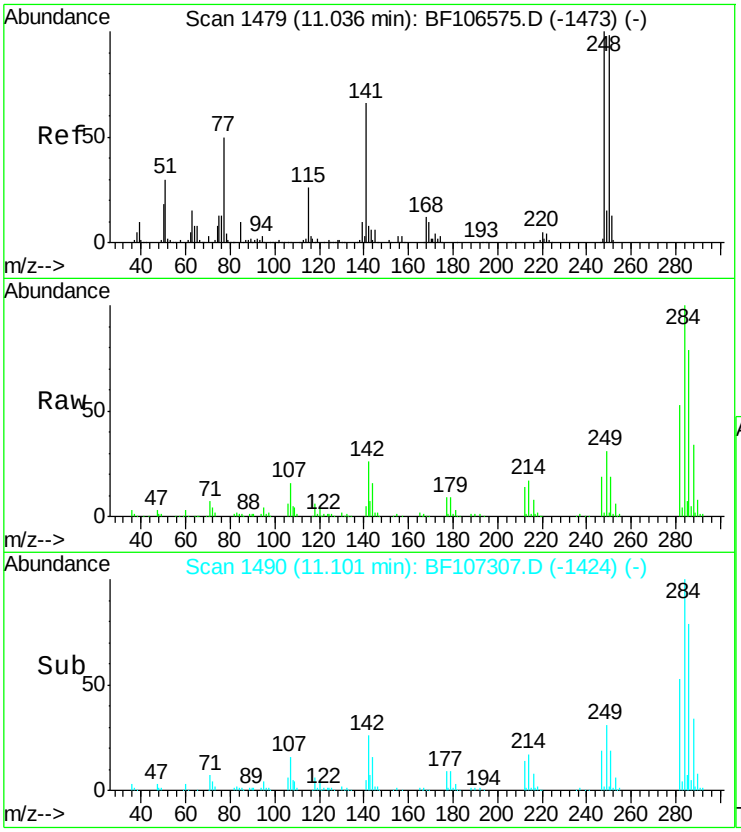


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:188 Resp: 191889

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.9	9.2	13.8#



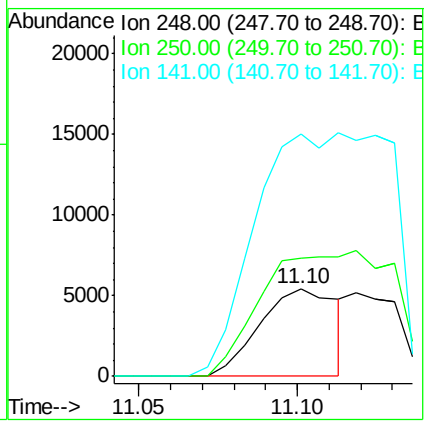


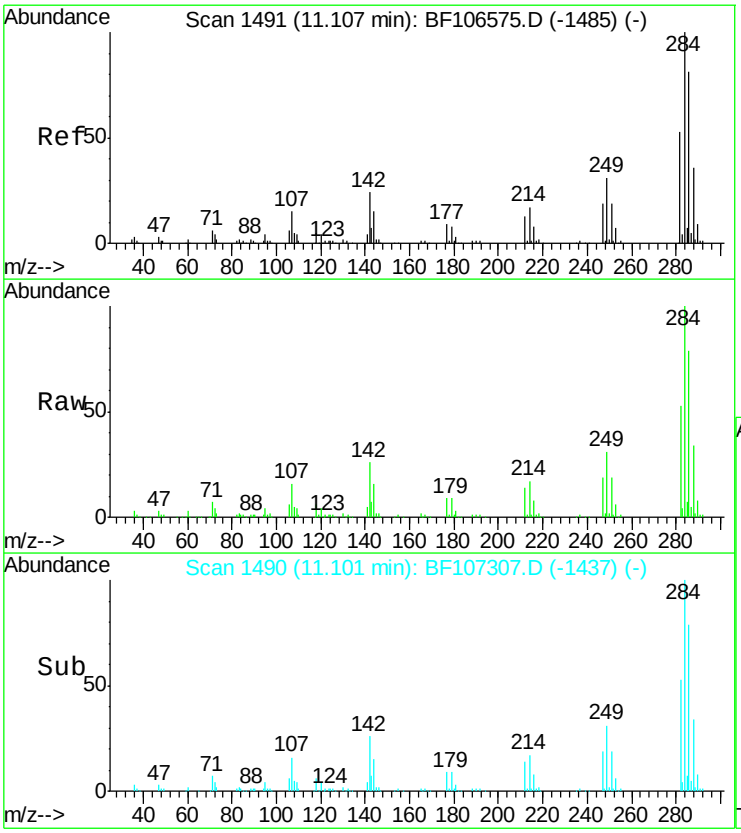
#66
4-Bromophenyl-phenylether
Concen: 4.022 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.09 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:248 Resp: 9211

Ion	Ratio	Lower	Upper
248	100		
250	134.8	76.9	115.3#
141	276.8	74.4	111.6#

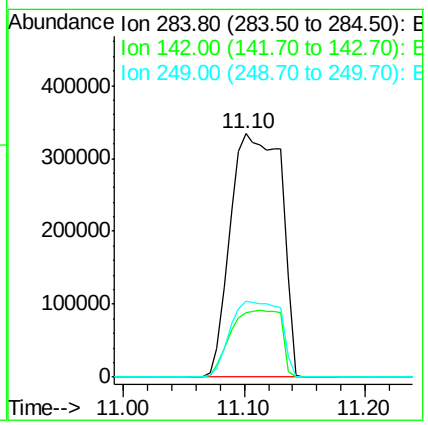


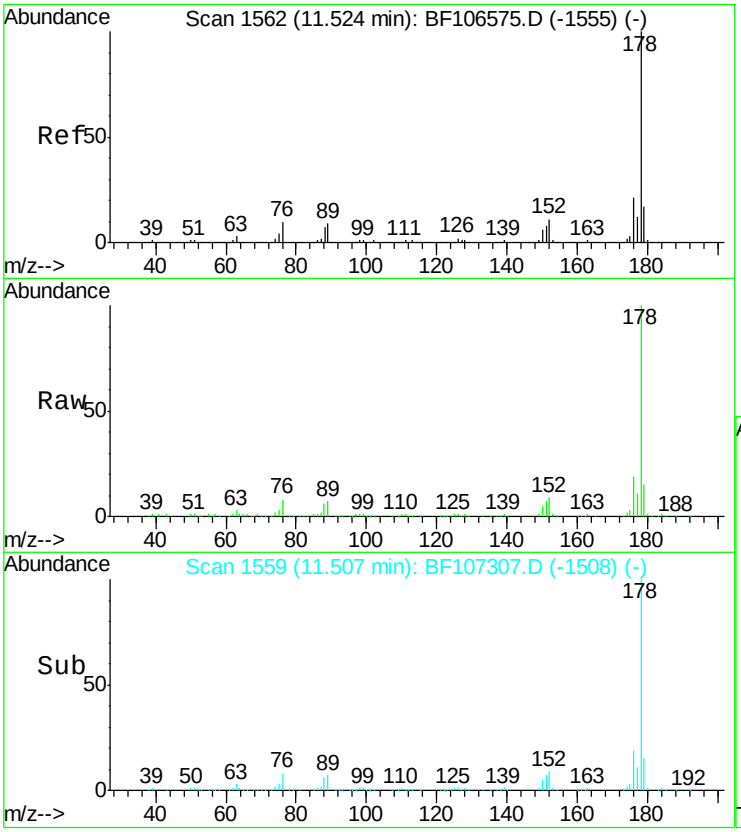


#67
Hexachlorobenzene
Concen: 407.092 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:284 Resp: 975757

Ion	Ratio	Lower	Upper
284	100		
142	26.3	34.6	52.0#
249	31.0	24.8	37.2



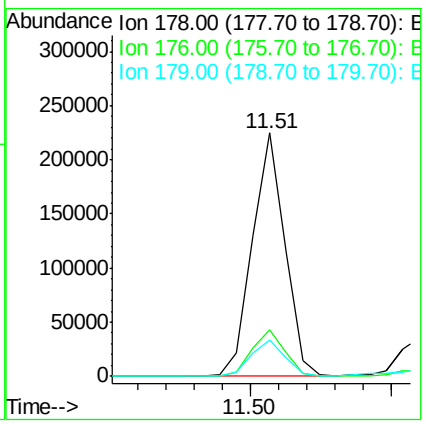


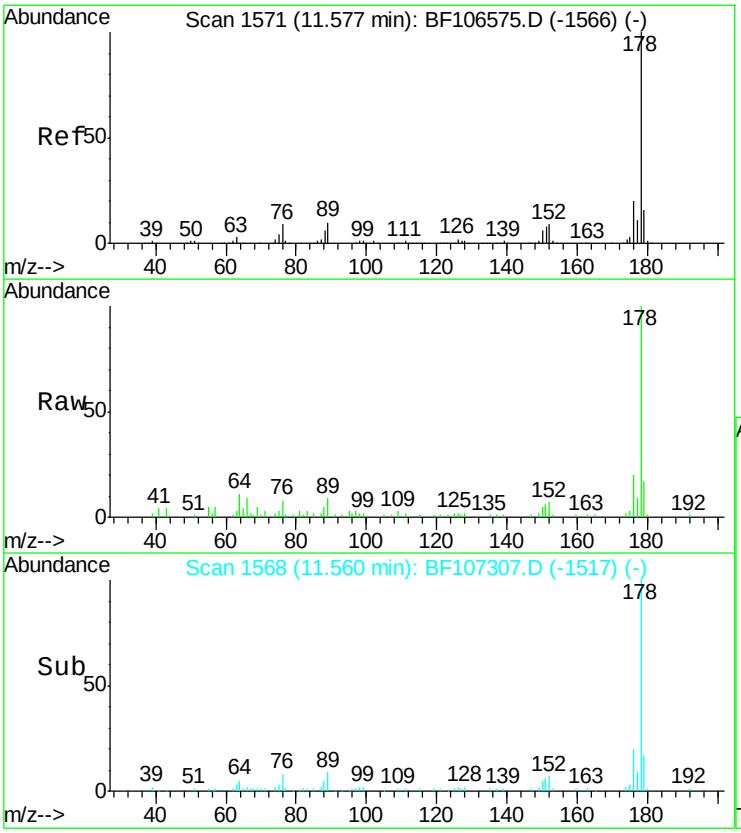
#70
Phenanthrene
Concen: 19.417 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:178 Resp: 179707

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6

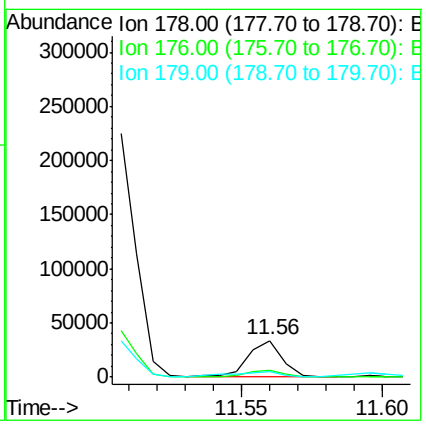


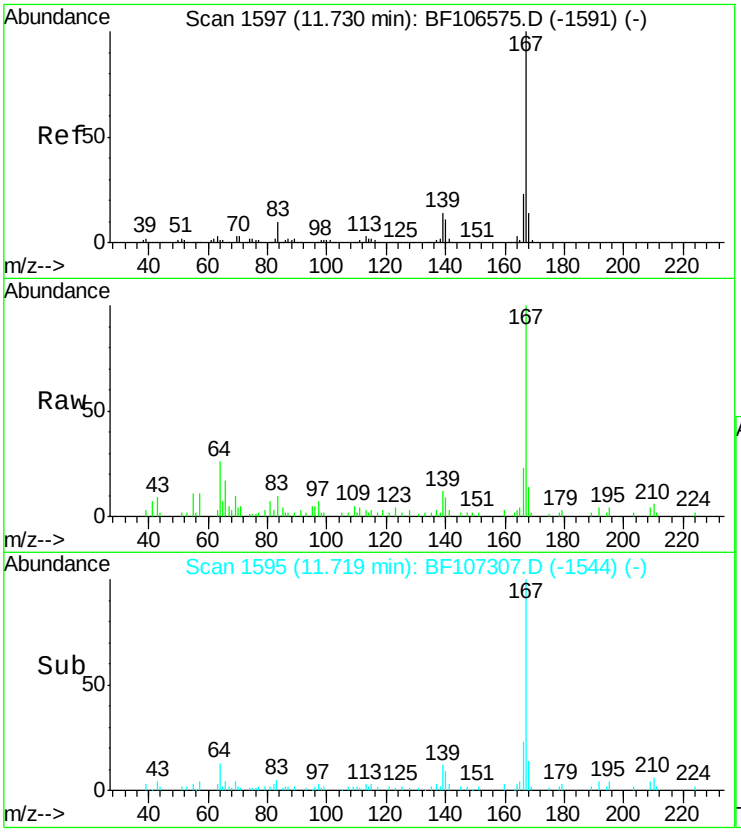


#71
Anthracene
Concen: 2.890 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:178 Resp: 27298

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.5	12.6	19.0



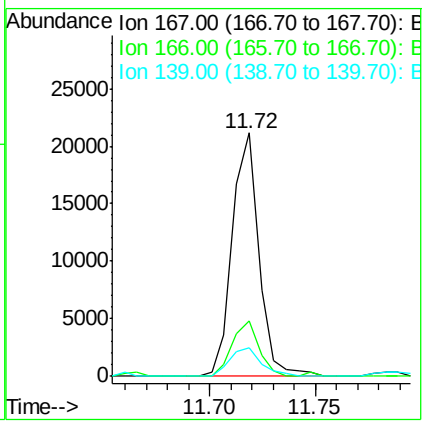


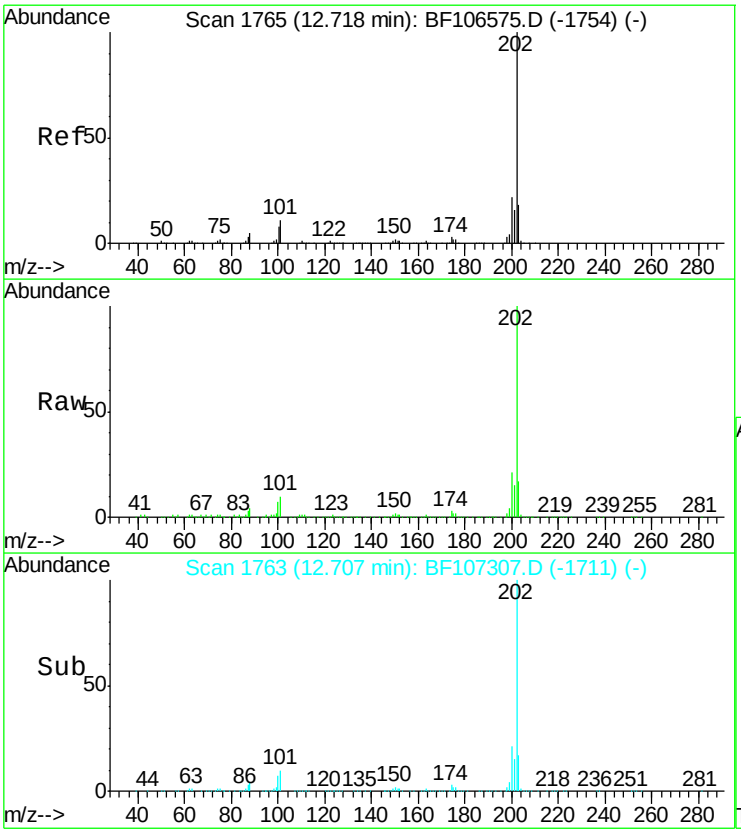
#72
Carbazole
Concen: 2.084 ng
RT: 11.72 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:167 Resp: 18434

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	11.9	10.9	16.3

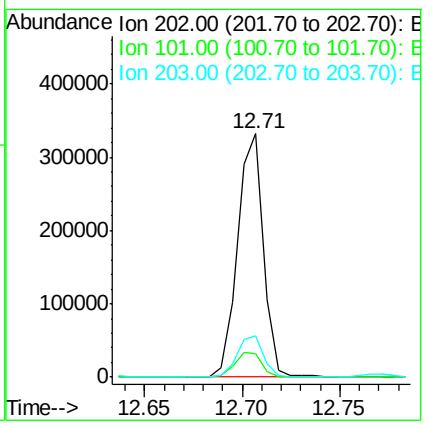


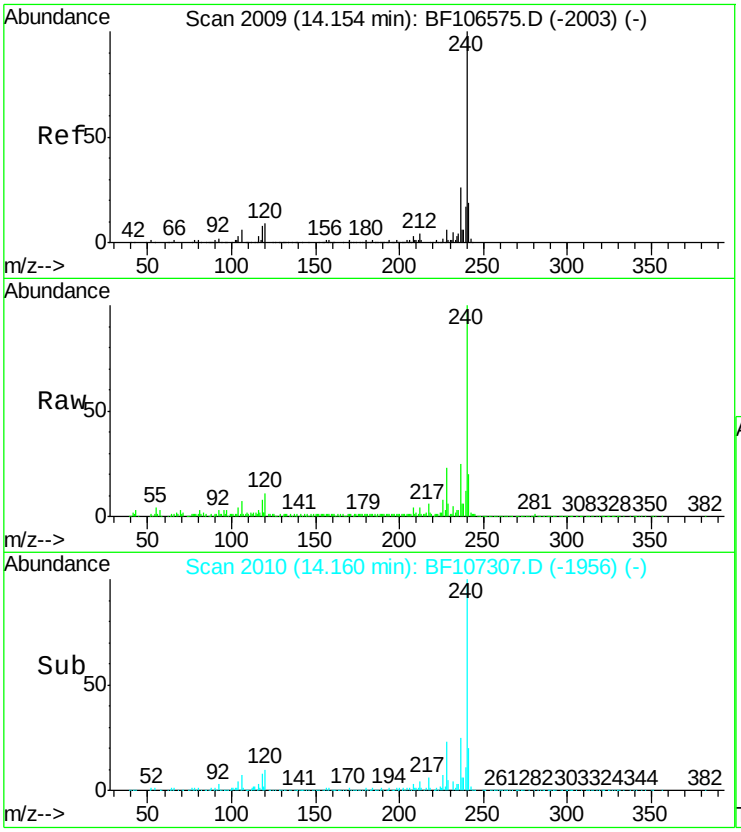


#74
Fluoranthene
Concen: 29.563 ng
RT: 12.71 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:202 Resp: 301576

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	16.9	0.0	38.1



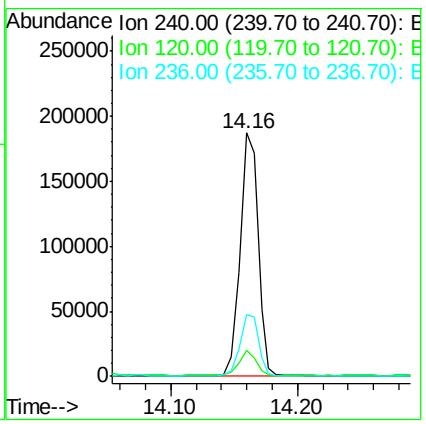


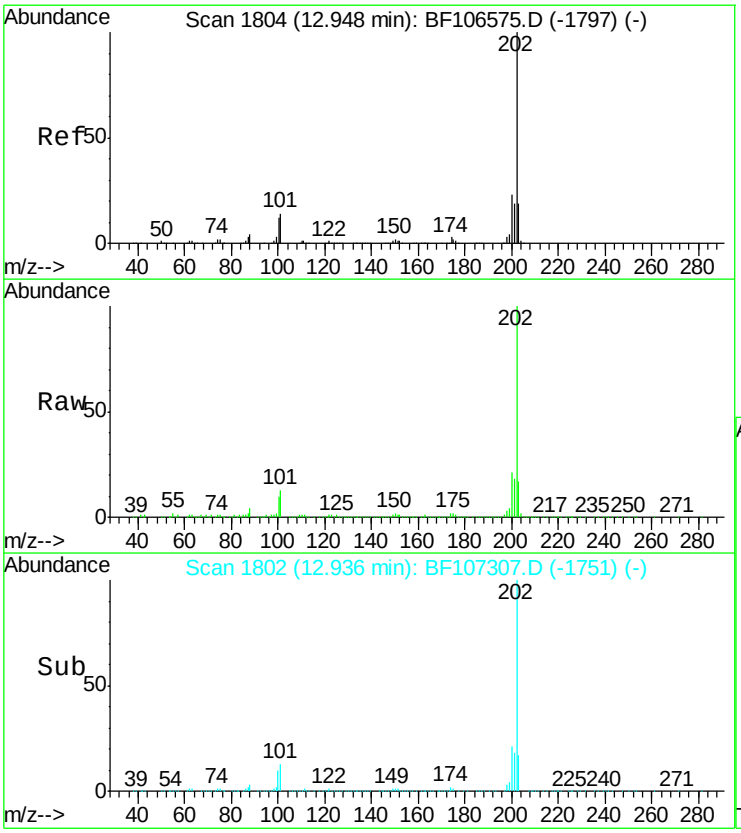
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:240 Resp: 181481

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.3	20.7	31.1

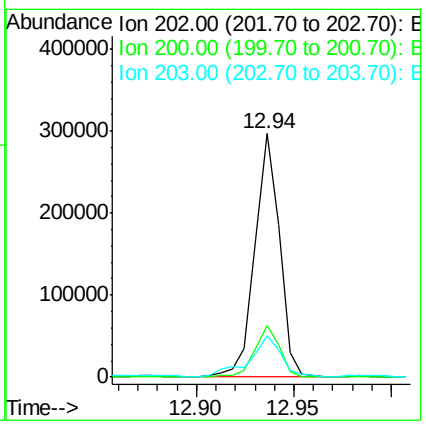


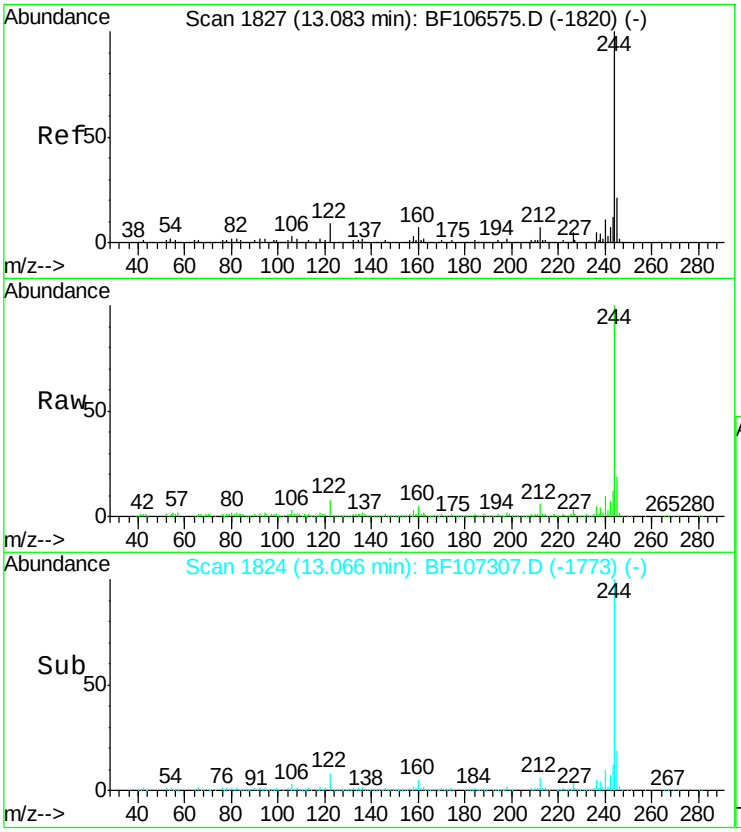


#77
Pyrene
Concen: 21.566 ng
RT: 12.94 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:202 Resp: 258091

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5



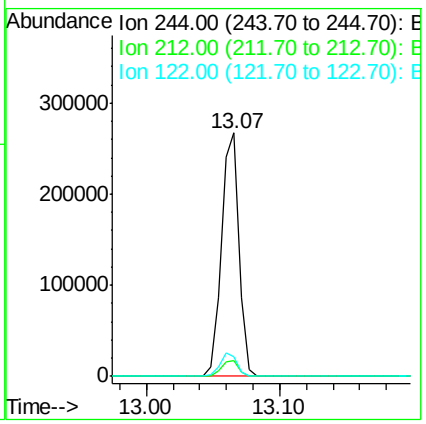


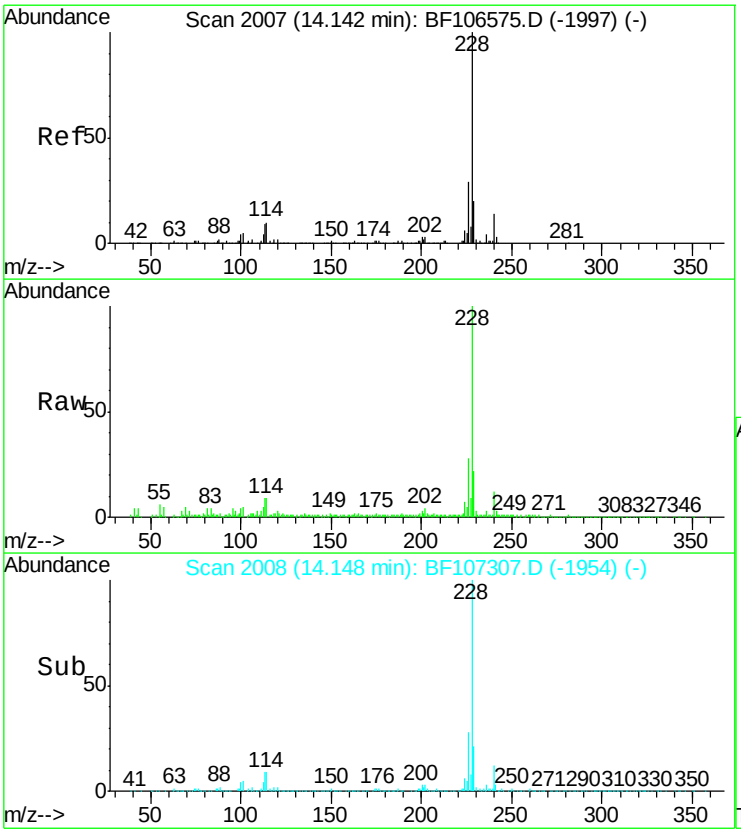
#78
Terphenyl-d14
Concen: 33.132 ng
RT: 13.07 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:244 Resp: 248231

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.1	11.0	16.4#

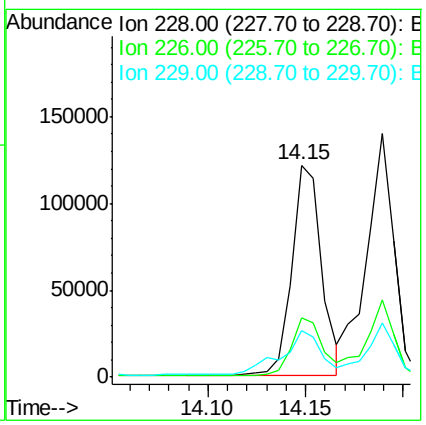


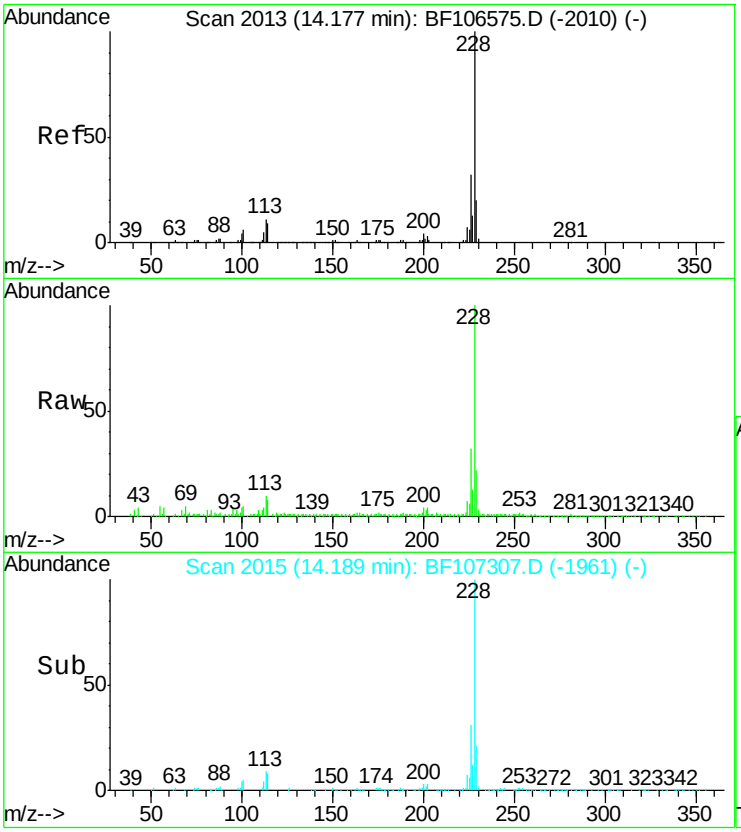


#80
Benzo(a)anthracene
Concen: 11.623 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:228 Resp: 128563

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.7	15.8	23.6



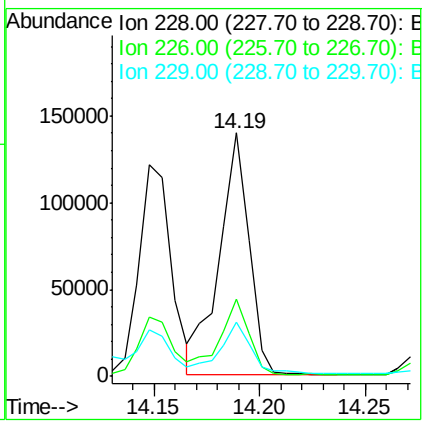


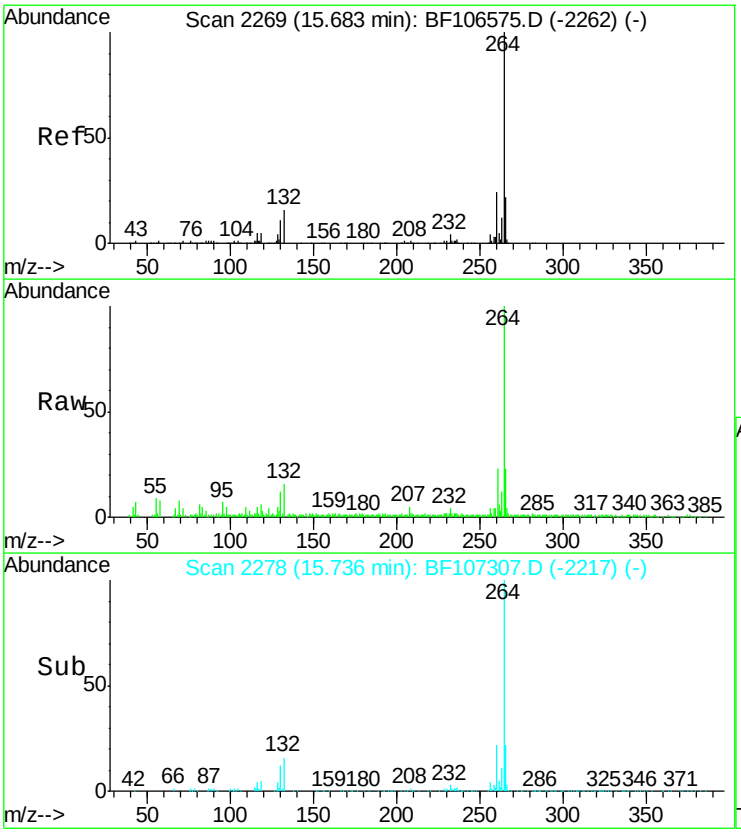
#82
Chrysene
Concen: 13.451 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:228 Resp: 136874

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.2	16.2	24.4

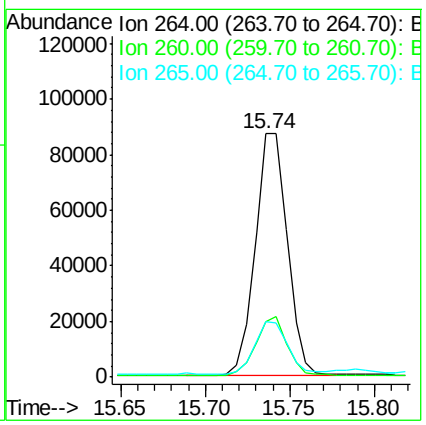


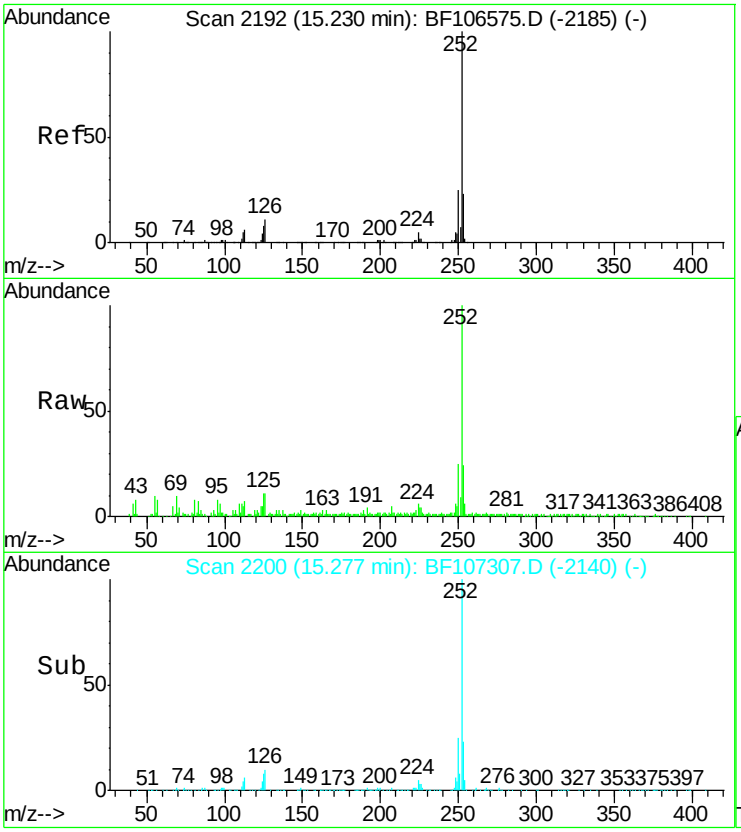


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2278
Delta R.T. 0.06 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:264 Resp: 115671

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.6	17.5	26.3



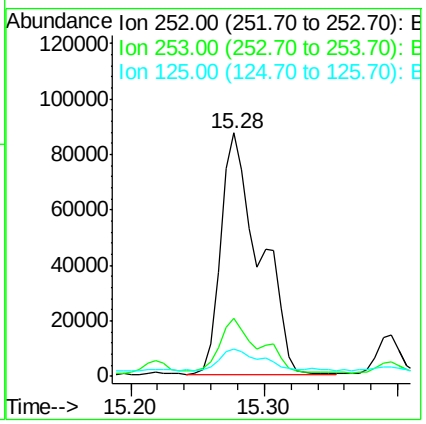


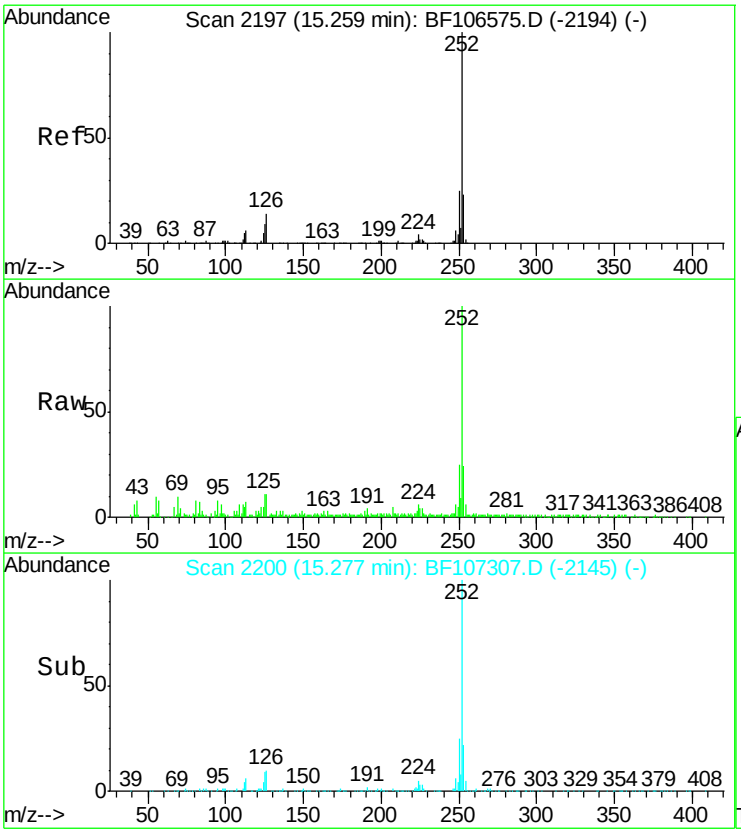
#87
Benzo(b)fluoranthene
Concen: 24.491 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.05 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:252 Resp: 175976

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	11.1	9.0	13.6

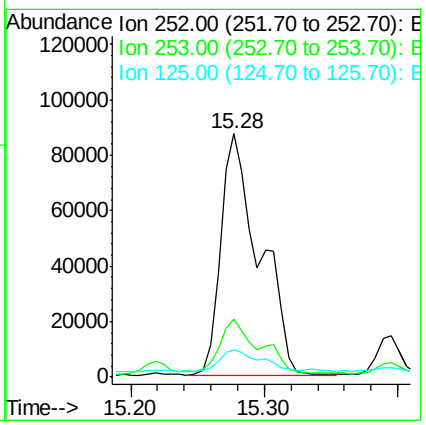


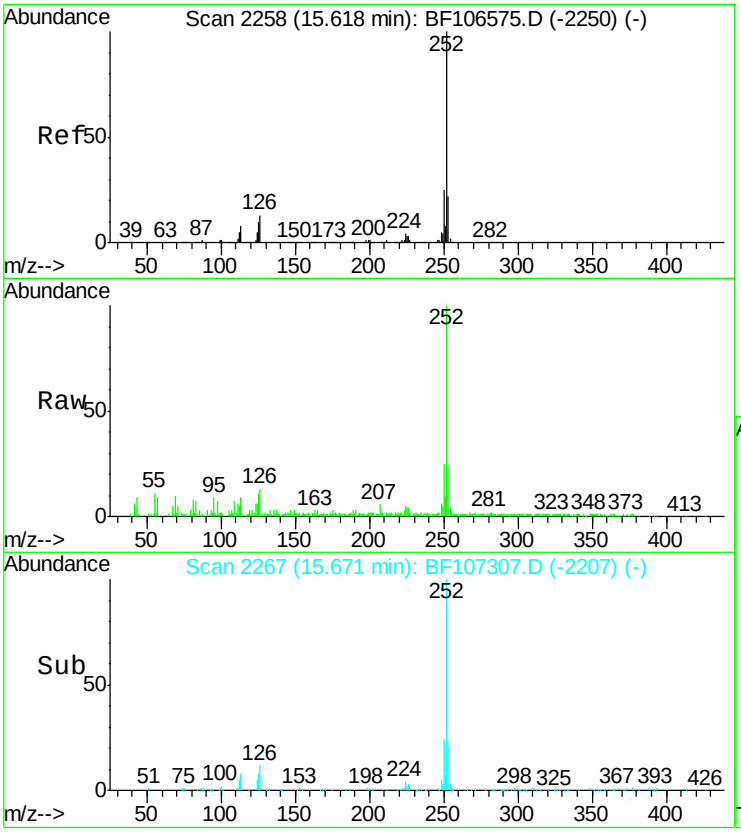


#88
Benzo(k)fluoranthene
Concen: 25.718 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:252 Resp: 175976

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	11.1	10.2	15.2



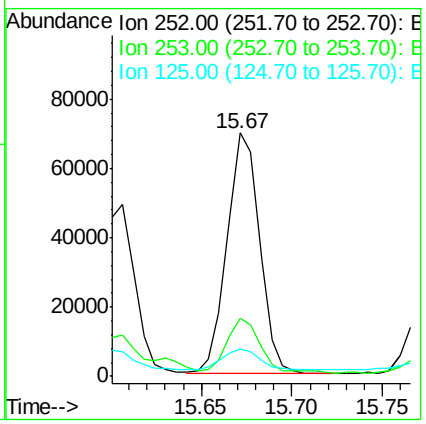


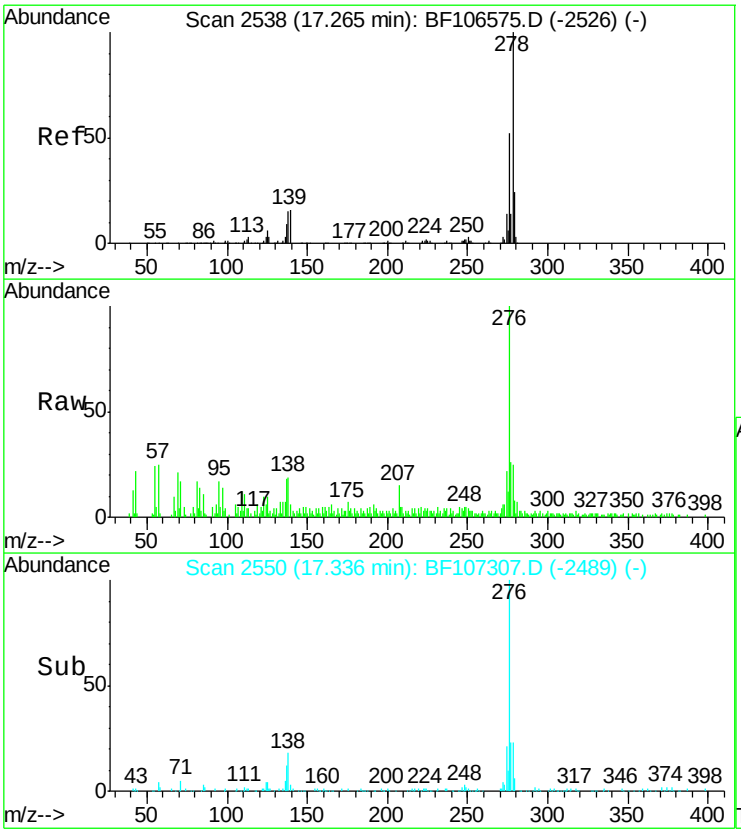
#89
Benzo(a)pyrene
Concen: 13.691 ng
RT: 15.67 min Scan# 2267
Delta R.T. 0.05 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:252 Resp: 87452

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	11.3	9.8	14.6

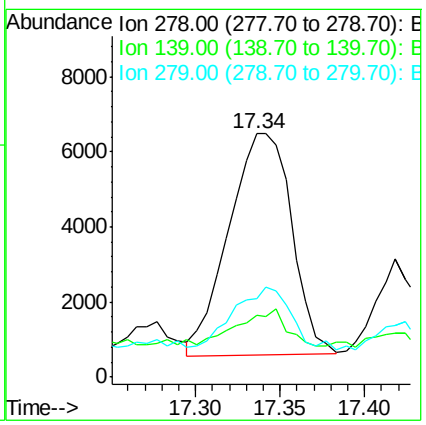


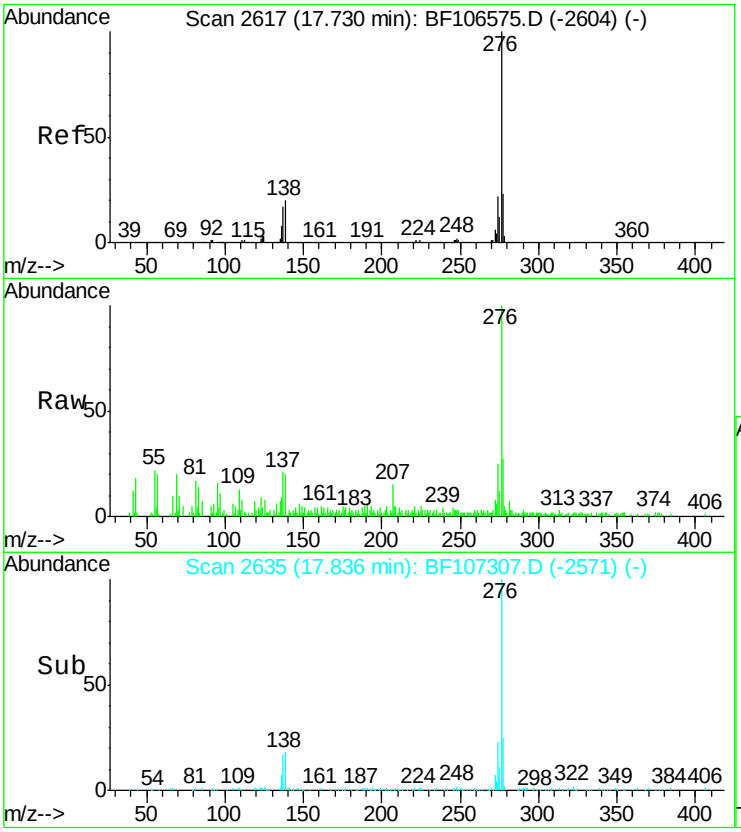


#90
Dibenzo(a,h)anthracene
Concen: 2.821 ng
RT: 17.34 min Scan# 2550
Delta R.T. 0.06 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Tgt Ion:278 Resp: 15274

Ion	Ratio	Lower	Upper
278	100		
139	25.2	15.9	23.9#
279	32.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 10.626 ng
RT: 17.84 min Scan# 2635
Delta R.T. 0.08 min
Lab File: BF107307.D
Acq: 11 Jul 2018 18:26

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:276 Resp: 56224

Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	19.9	21.8	32.8#