Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107309.D
Acq On : 11 Jul 2018 19:19
Operator : JU/SJ
Sample : J3914-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2

Quant Time: Jul 12 01:04:47 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	53500	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	182150	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	84986	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	188395	20.00	ng		0.00
75) Chrysene-d12	14.14	240	177870	20.00	ng		0.00
86) Perylene-d12	15.68	264	116226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	196055	62.05	ng		0.00
7) Phenol-d6	6.58	99	227346	57.62	ng		0.00
23) Nitrobenzene-d5	7.50	82	134333	40.98	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	64830	65.82	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	239258	39.81	ng		0.00
78) Terphenyl-d14	13.07	244	339426	46.22	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	17536	6.743	ng	#	74
20) 3+4-Methylphenols	7.38	107	277	Below Cal		#	20
25) Isophorone	7.50	82	134332	23.258	ng	#	64
31) Naphthalene	8.24	128	18661	2.191	ng		98
49) Dimethylphthalate	9.69	163	50211	7.877	ng		100
51) Acenaphthene	10.01	154	16677	3.146	ng		94
55) 4-Nitrophenol	10.19	139	3662	3.378	ng	#	9
56) 2,4-Dinitrotoluene	9.98	165	11468	6.509	ng	#	21
57) Fluorene	10.53	166	15864	2.755	ng		99
67) Hexachlorobenzene	11.09	284	5251	2.231	ng	#	80
70) Phenanthrene	11.51	178	208711	22.969	ng		98
71) Anthracene	11.56	178	57260	6.174	ng		99
72) Carbazole	11.72	167	24526	2.824	ng		97
74) Fluoranthene	12.71	202	339614	33.909	ng		94
77) Pyrene	12.94	202	325240	27.729	ng		99
80) Benzo(a)anthracene	14.13	228	183227	16.902	ng		99
82) Chrysene	14.17	228	157677	15.810	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	62457	7.379	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	196901	27.272	ng		97
88) Benzo(k)fluoranthene	15.22	252	196901	28.638	ng	#	97
89) Benzo(a)pyrene	15.62	252	102596	15.985	ng		96
90) Dibenzo(a,h)anthracene	17.27	278	18702	3.438	ng	#	90
91) Benzo(g,h,i)perylene	17.77	276	65136	12.251	ng	#	91

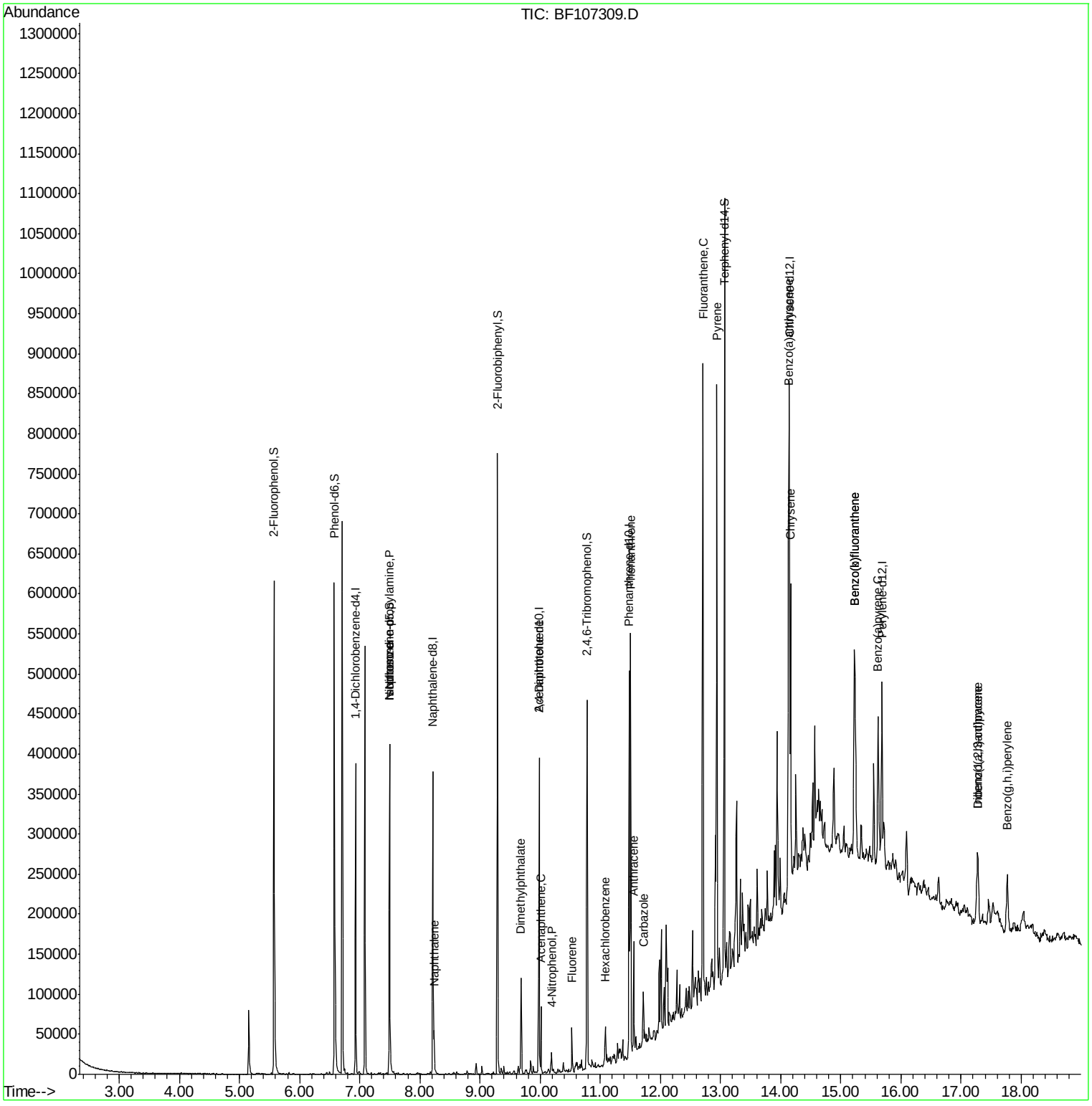
(#) = qualifier out of range (m) = manual integration (+) = signals summed

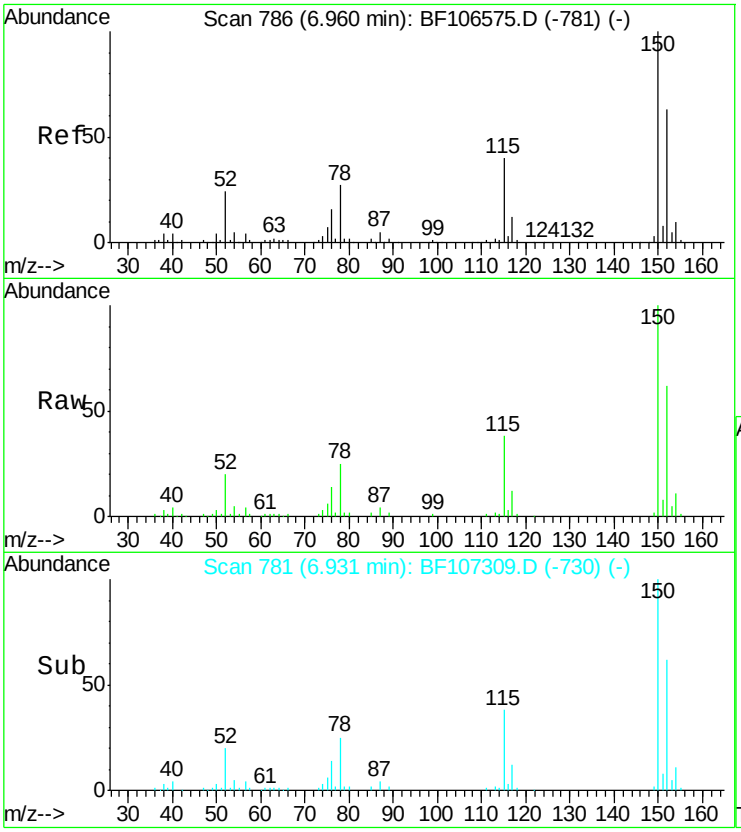
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107309.D
Acq On : 11 Jul 2018 19:19
Operator : JU/SJ
Sample : J3914-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2

Quant Time: Jul 12 01:04:47 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



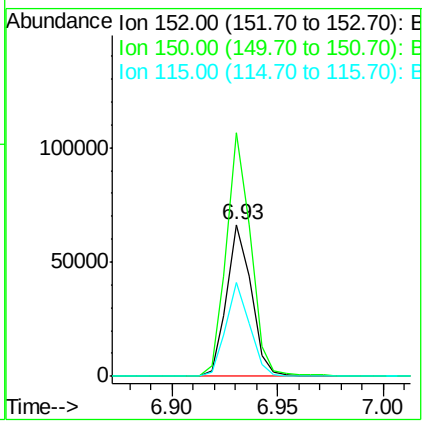


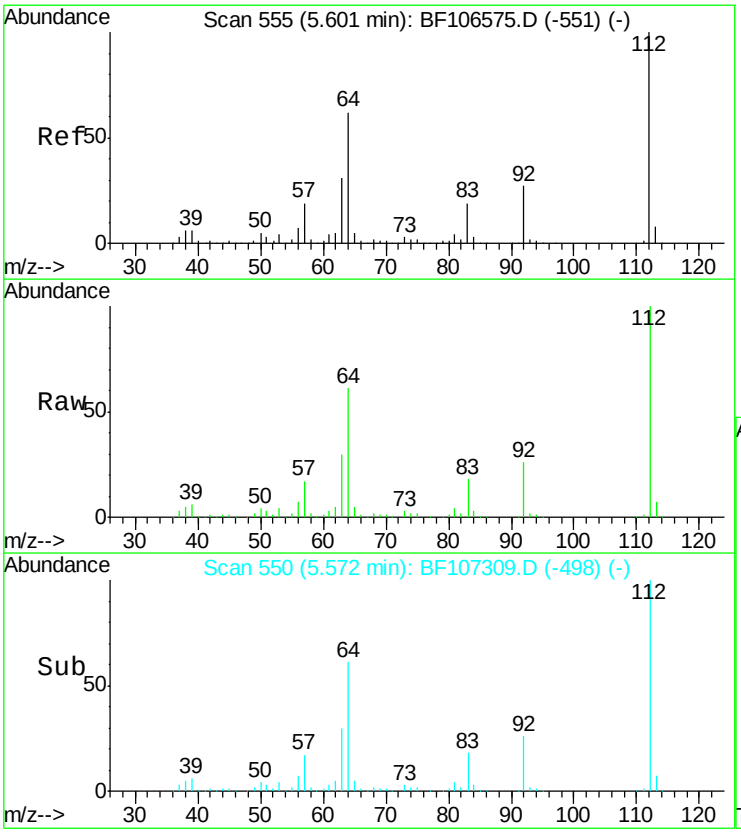
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:152 Resp: 53500

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	61.5	50.1	75.1

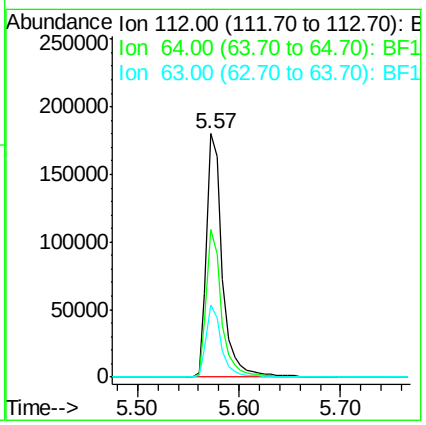


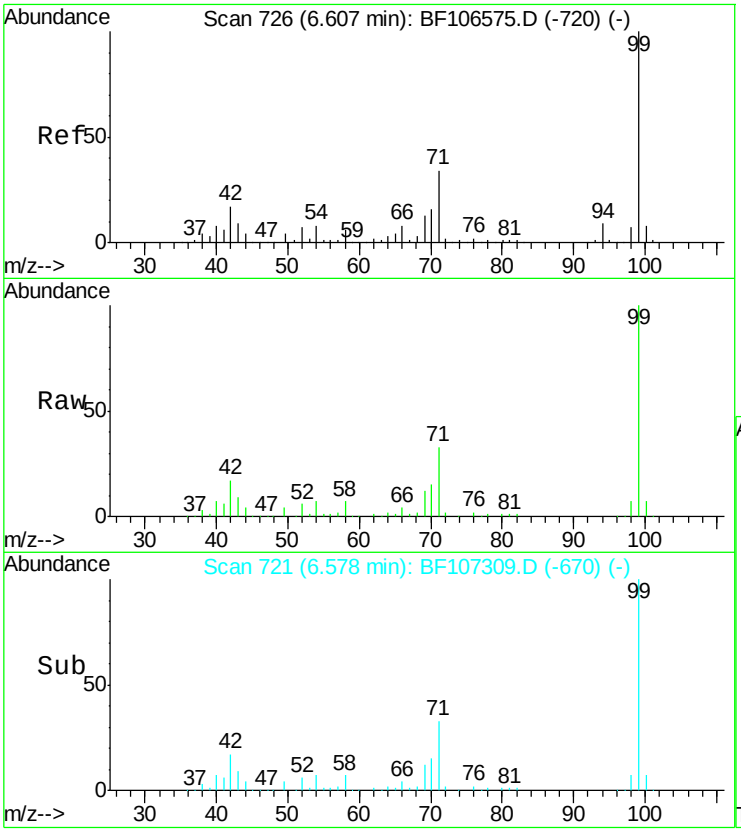


#5
2-Fluorophenol
Concen: 62.053 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:112 Resp: 196055

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	29.6	23.7	35.5



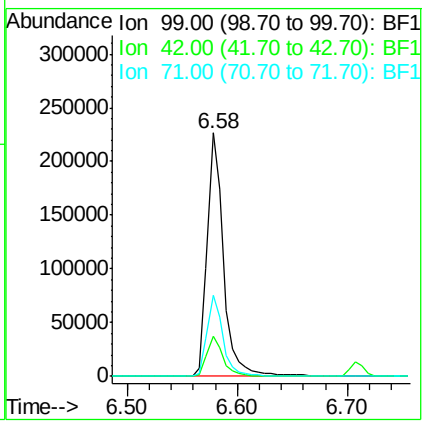


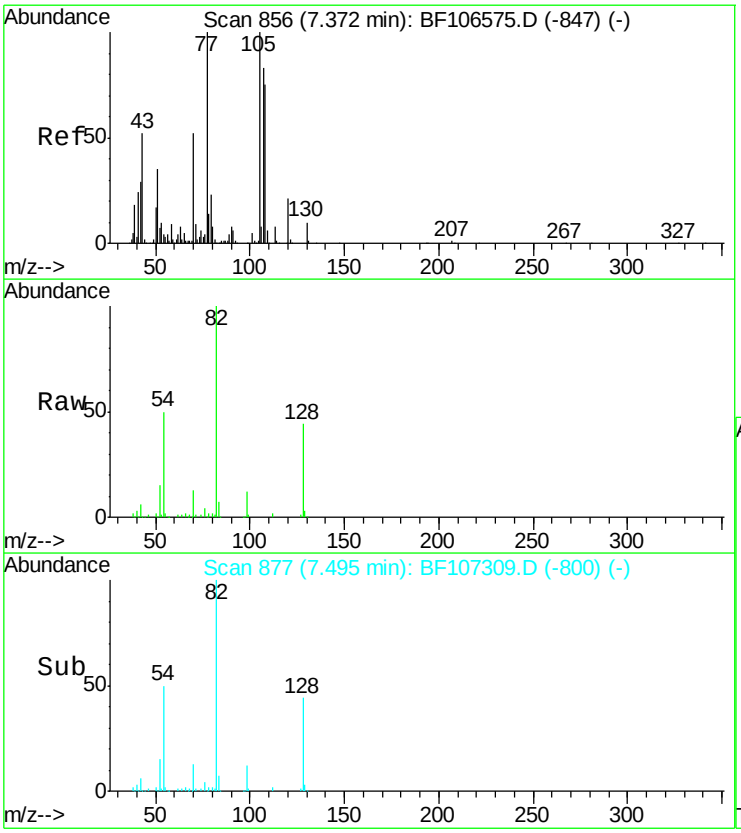
#7
Phenol-d6
Concen: 57.621 ng
RT: 6.58 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion: 99 Resp: 227346

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	33.2	25.4	38.0

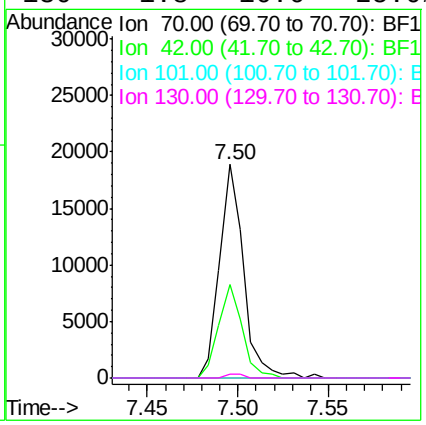


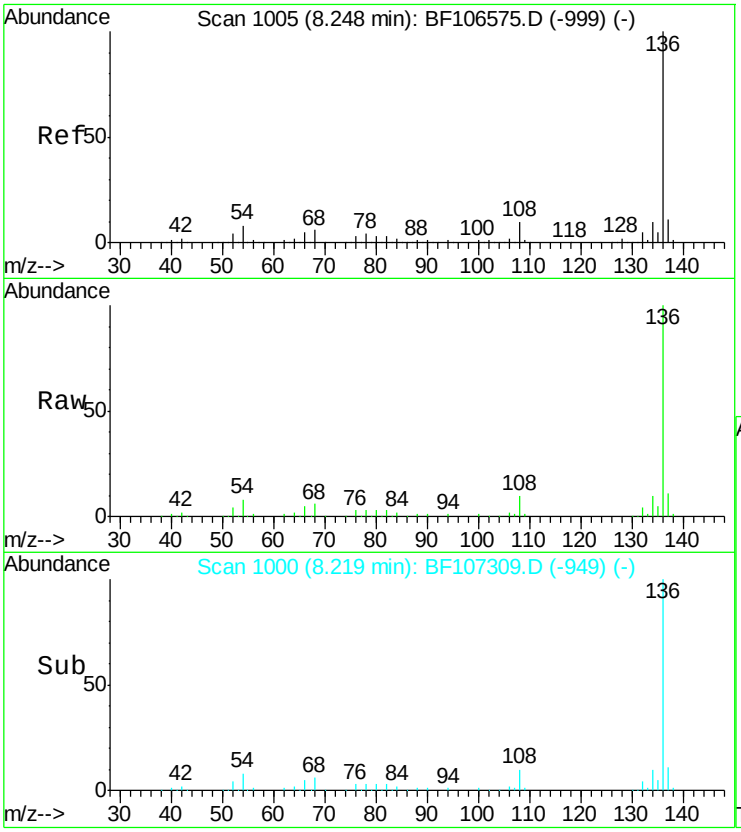


#19
n-Nitroso-di-n-propylamine
Concen: 6.743 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.15 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion: 70 Resp: 17536

Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



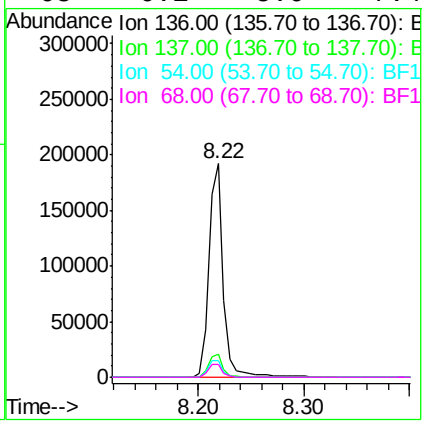


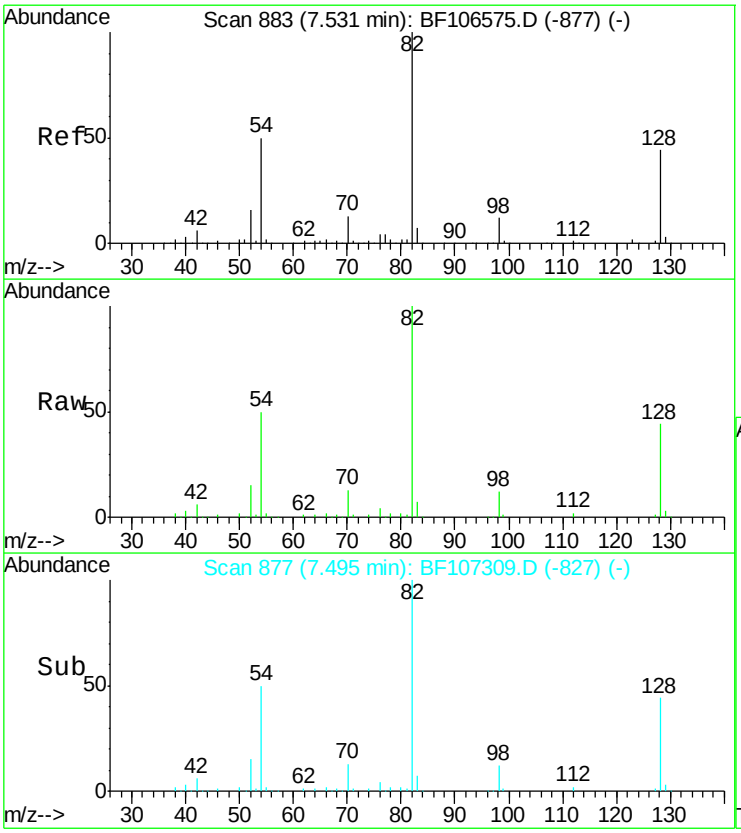
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:136 Resp: 182150

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

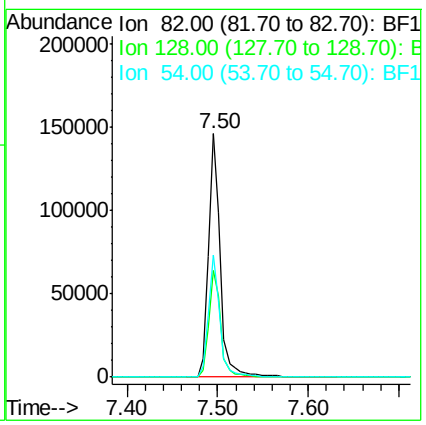


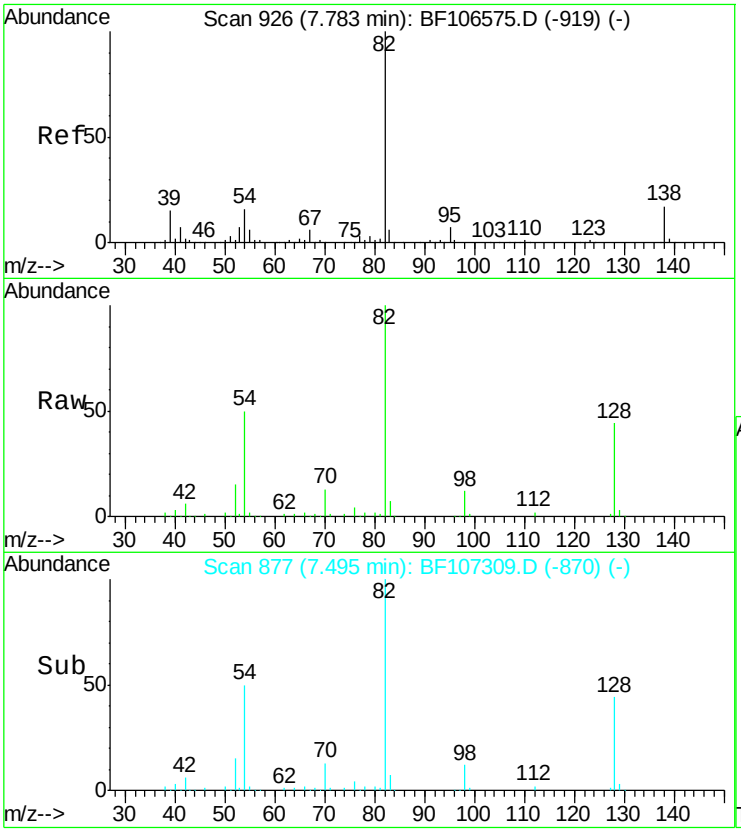


#23
Nitrobenzene-d5
Concen: 40.985 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion: 82 Resp: 134333

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	50.0	41.4	62.2



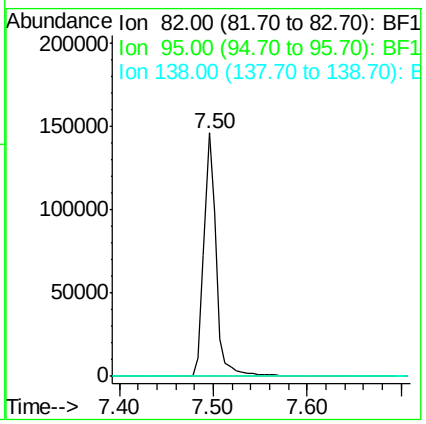


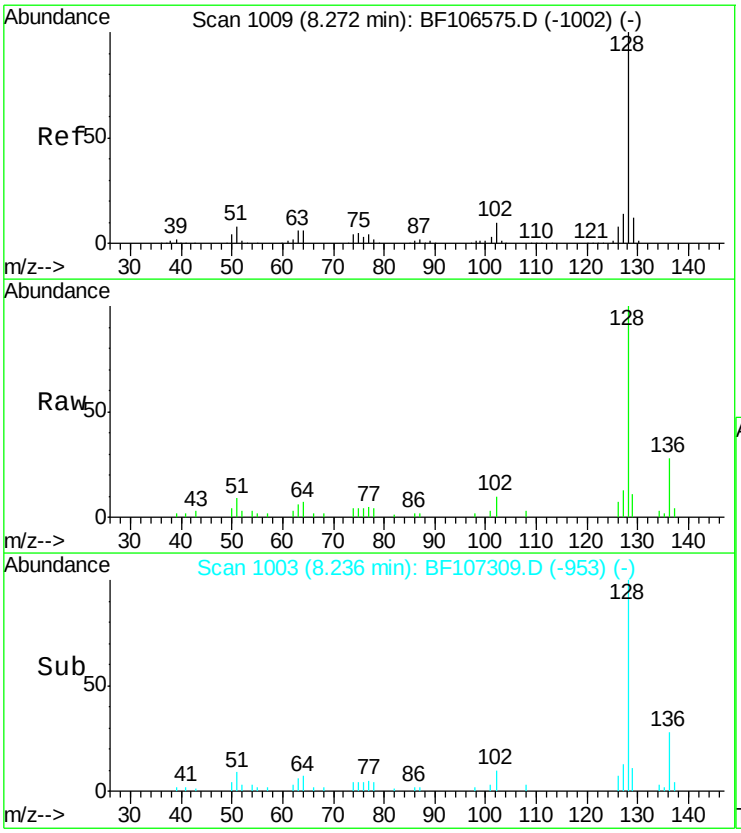
#25
Isophorone
Concen: 23.258 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion: 82 Resp: 134332

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

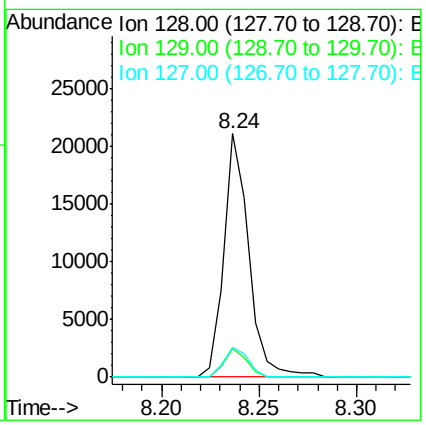


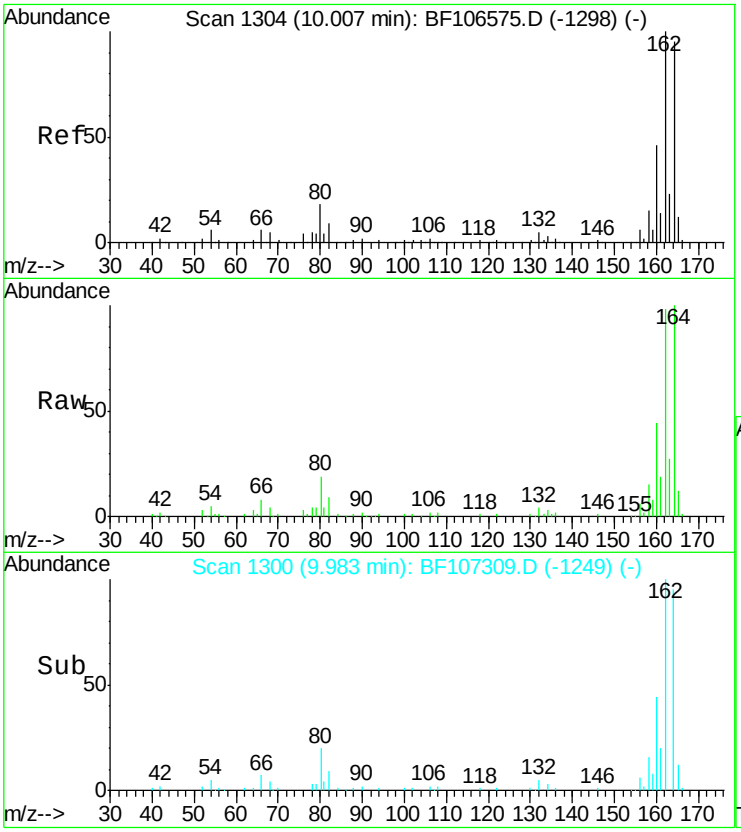


#31
Naphthalene
Concen: 2.191 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:128 Resp: 18661

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.5	10.9	16.3



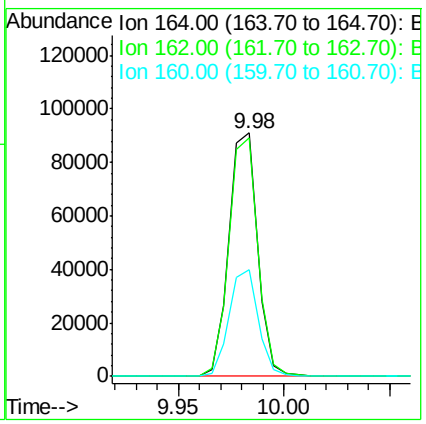


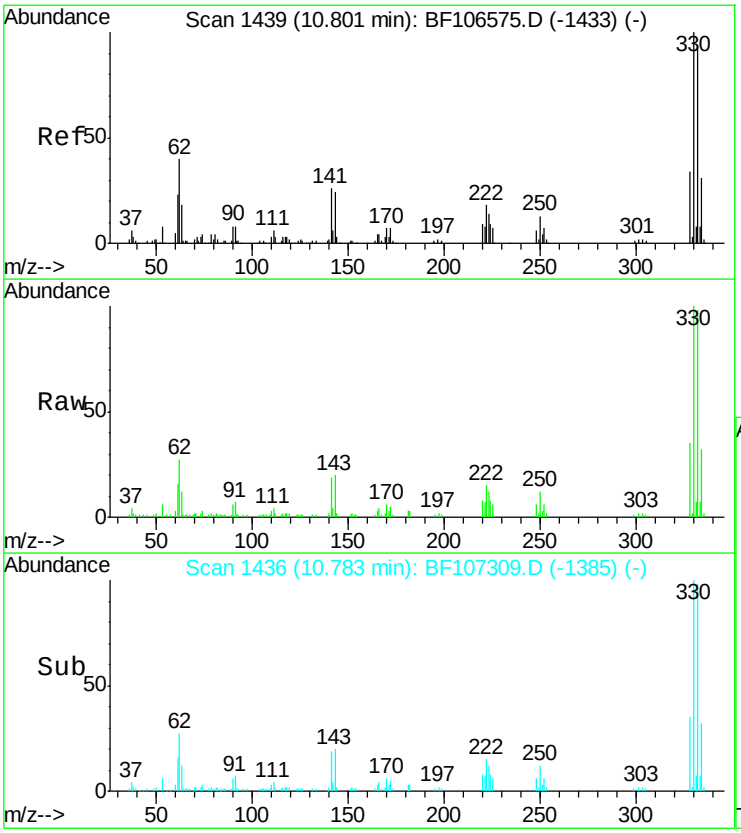
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:164 Resp: 84986

Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	43.6	38.3	57.5

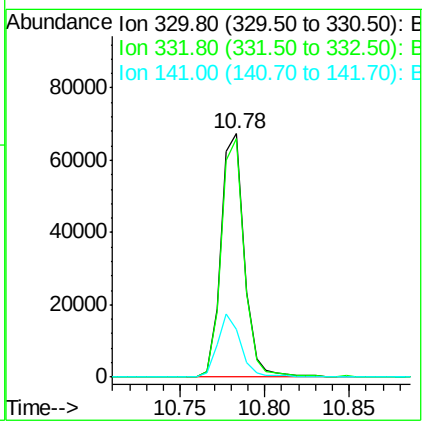


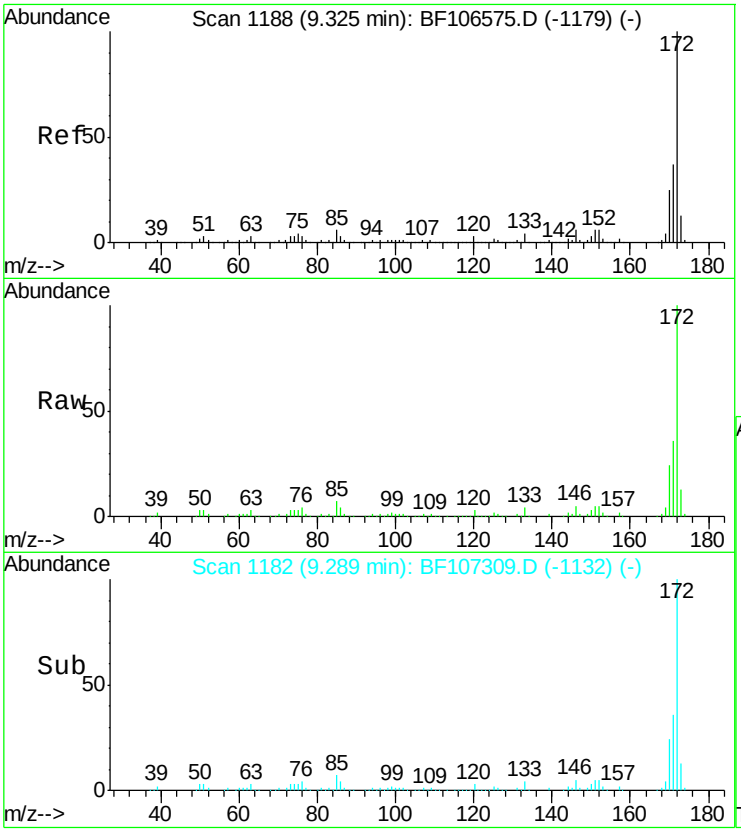


#41
2,4,6-Tribromophenol
Concen: 65.817 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:330 Resp: 64830

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	25.5	29.9	44.9#



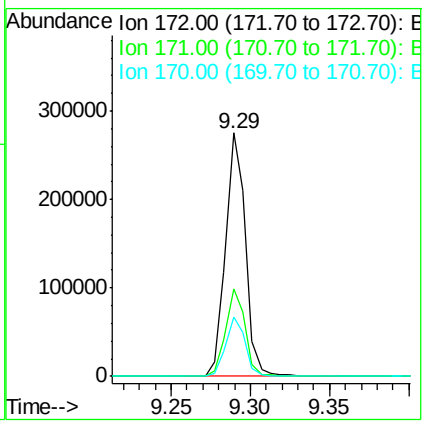


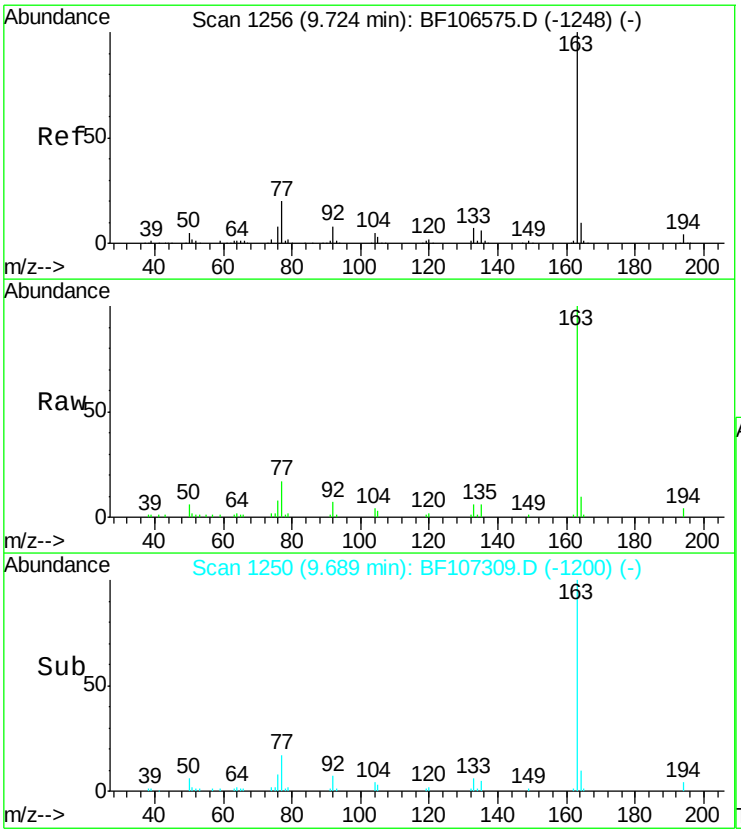
#44
2-Fluorobiphenyl
Concen: 39.809 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:172 Resp: 239258

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

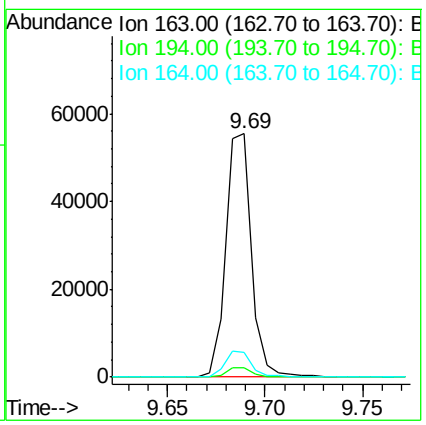


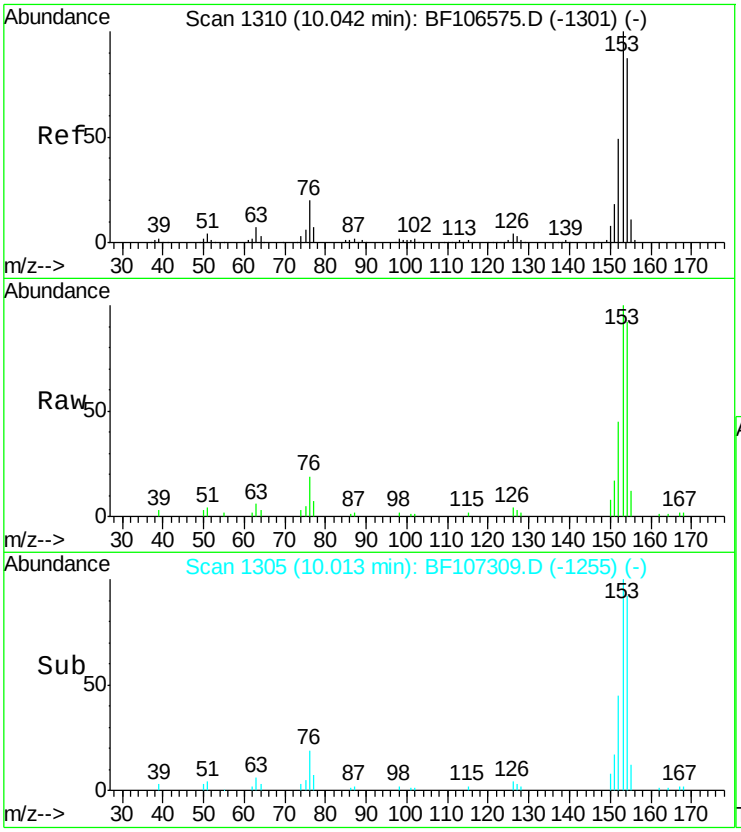


#49
Dimethylphthalate
Concen: 7.877 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:163 Resp: 50211

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2



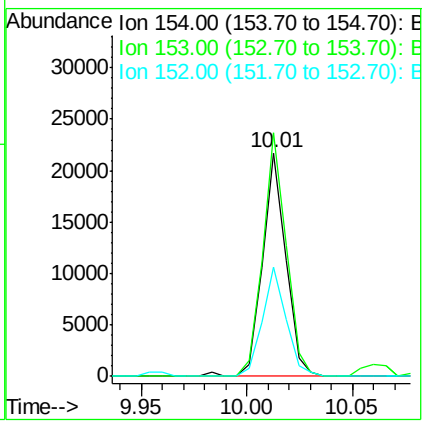


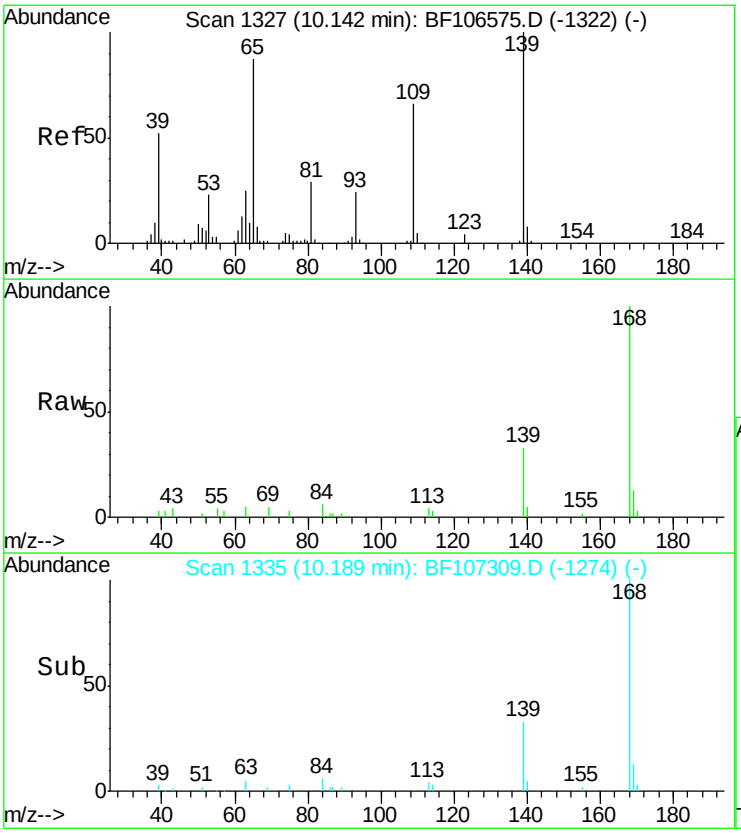
#51
Acenaphthene
Concen: 3.146 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:154 Resp: 16677

Ion	Ratio	Lower	Upper
154	100		
153	109.1	91.2	136.8
152	49.2	43.8	65.8

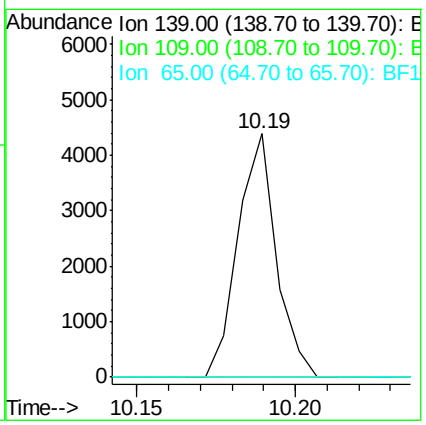


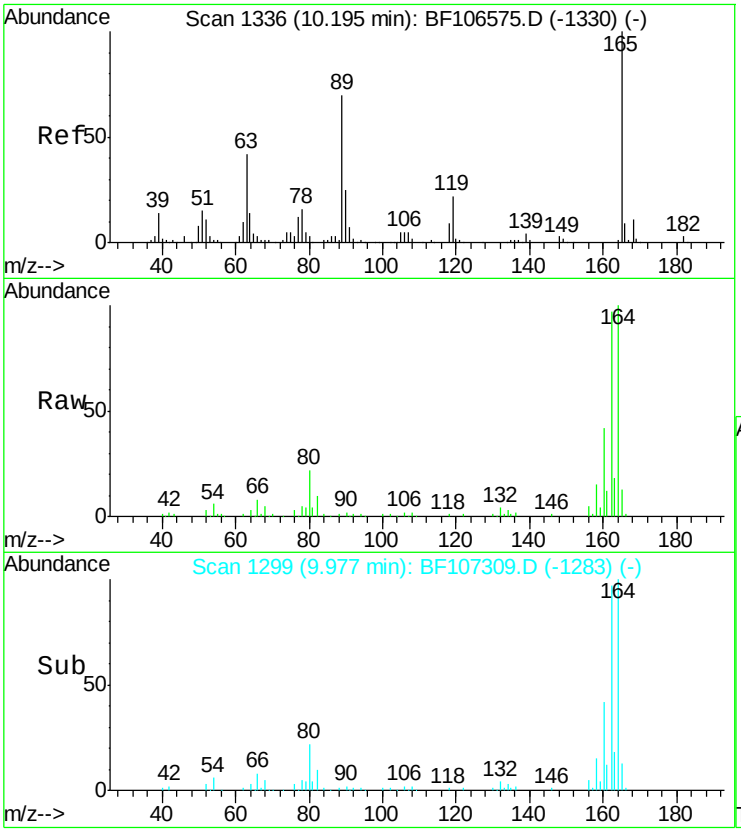


#55
4-Nitrophenol
Concen: 3.378 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.06 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:139 Resp: 3662

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



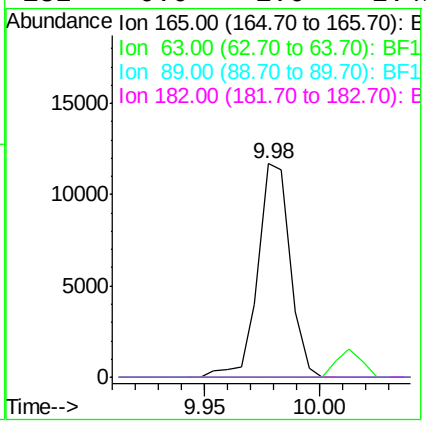


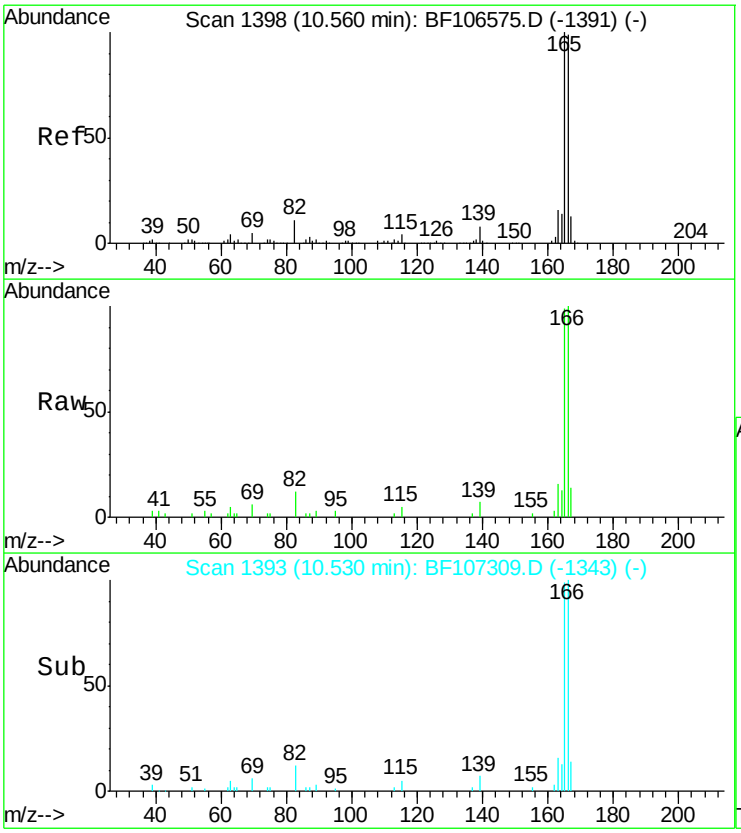
#56
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:165 Resp: 11468

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#

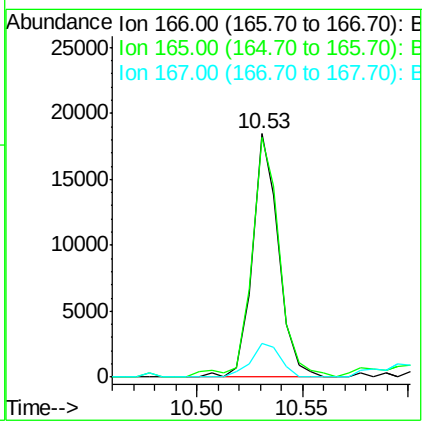


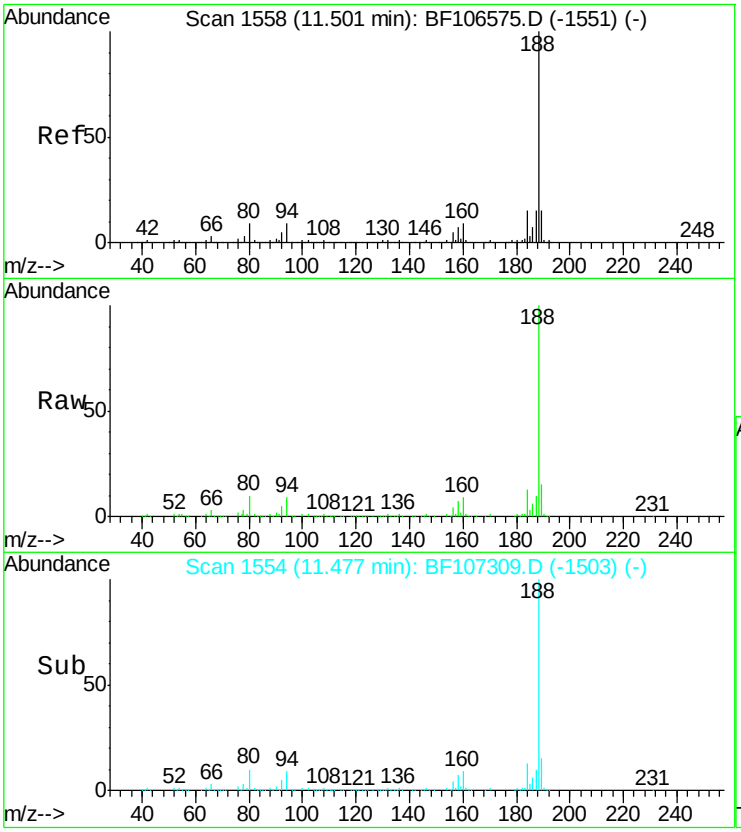


#57
Fluorene
Concen: 2.755 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:166 Resp: 15864

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.9	10.6	16.0



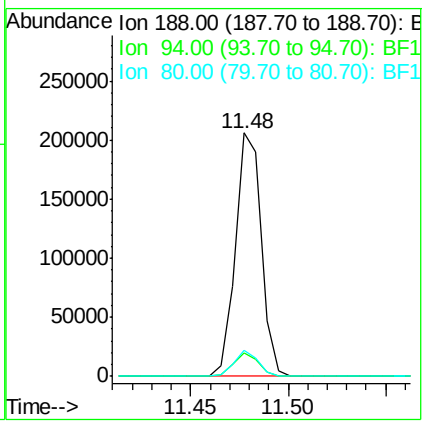


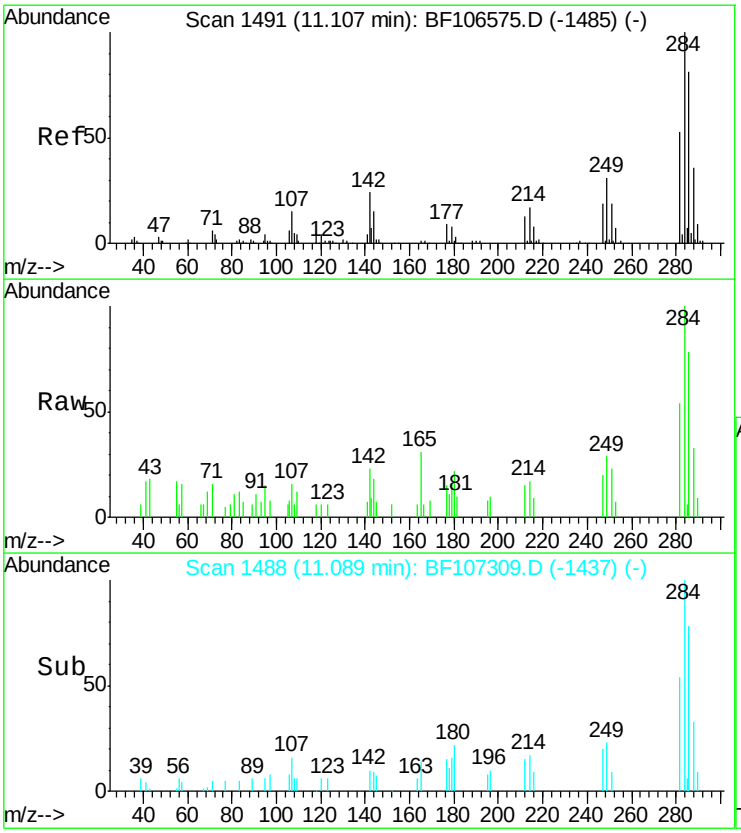
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:188 Resp: 188395

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8

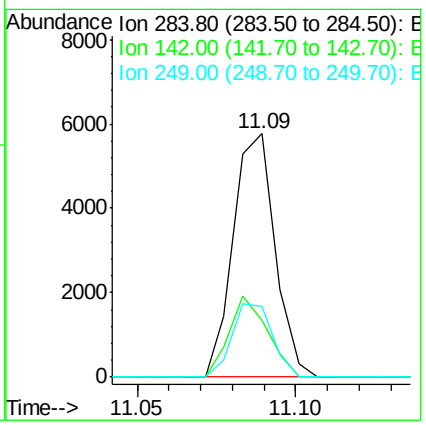


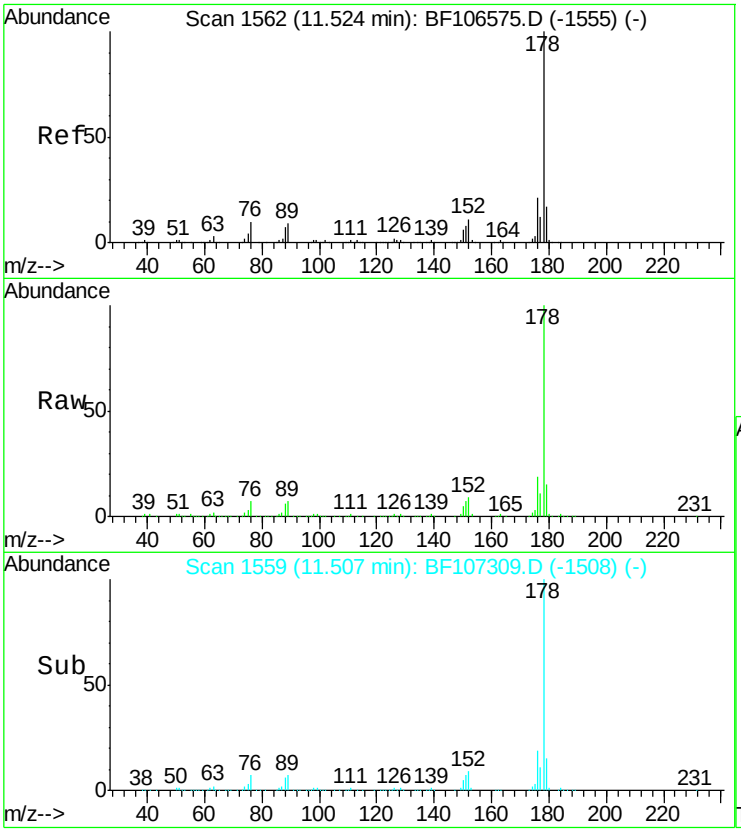


#67
Hexachlorobenzene
Concen: 2.231 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:284 Resp: 5251

Ion	Ratio	Lower	Upper
284	100		
142	23.5	34.6	52.0#
249	29.0	24.8	37.2



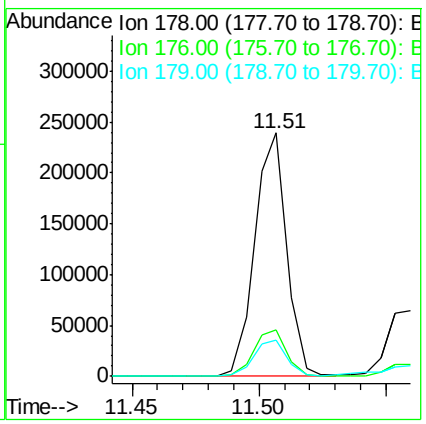


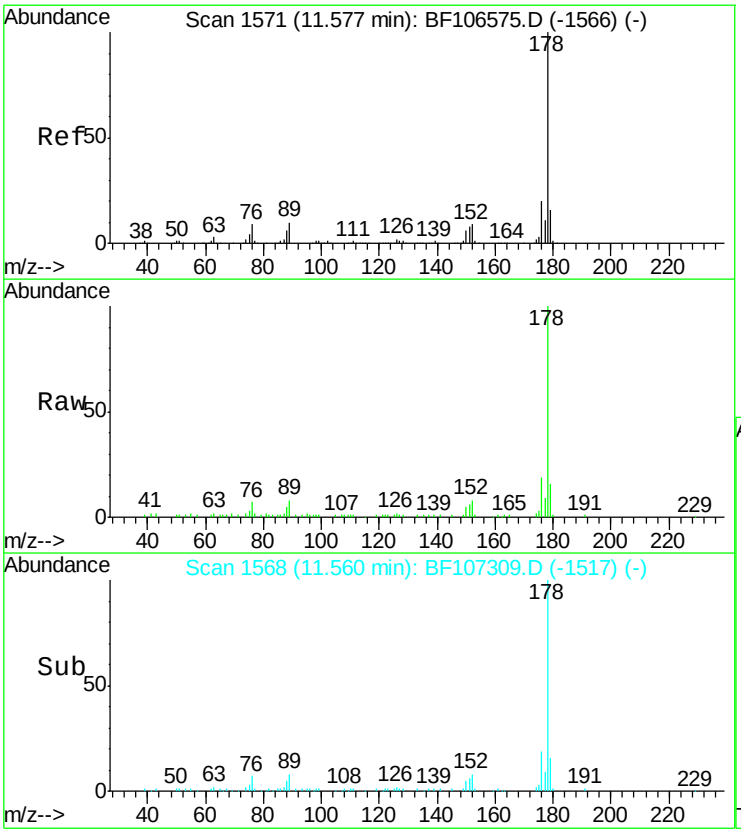
#70
Phenanthrene
Concen: 22.969 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:178 Resp: 208711

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.9	13.0	19.6

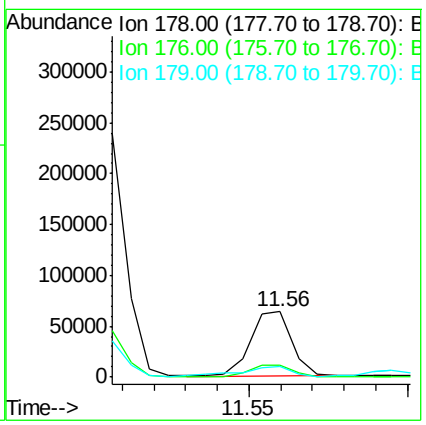


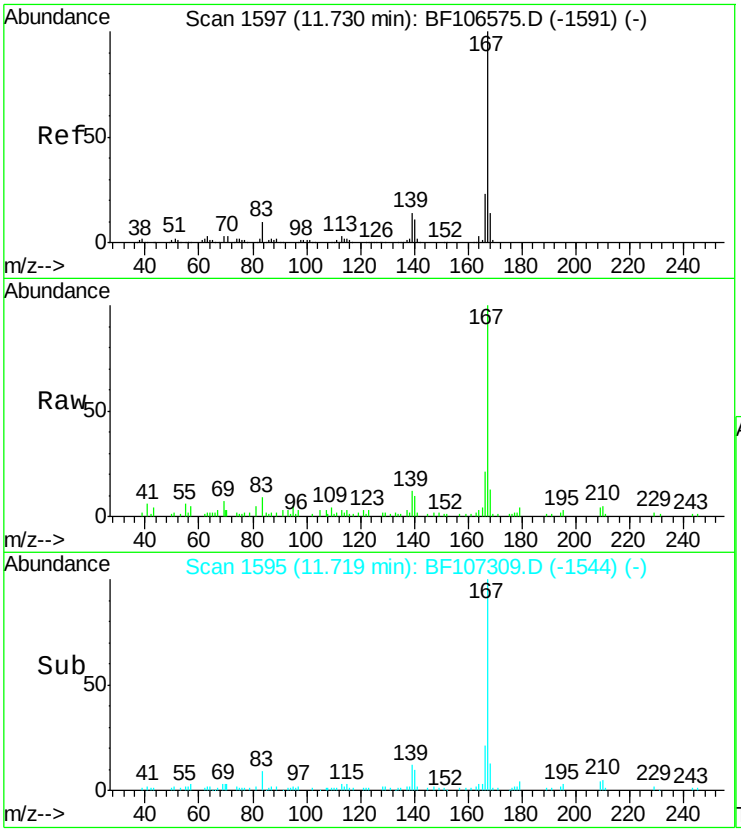


#71
Anthracene
Concen: 6.174 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:178 Resp: 57260

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.7	12.6	19.0



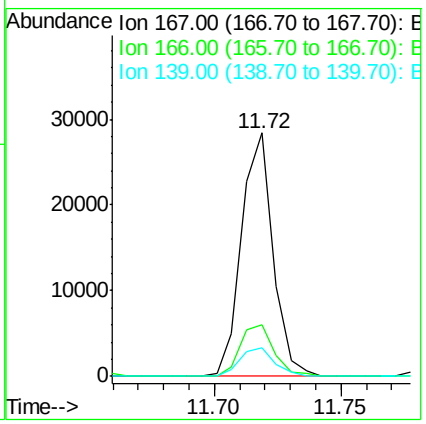


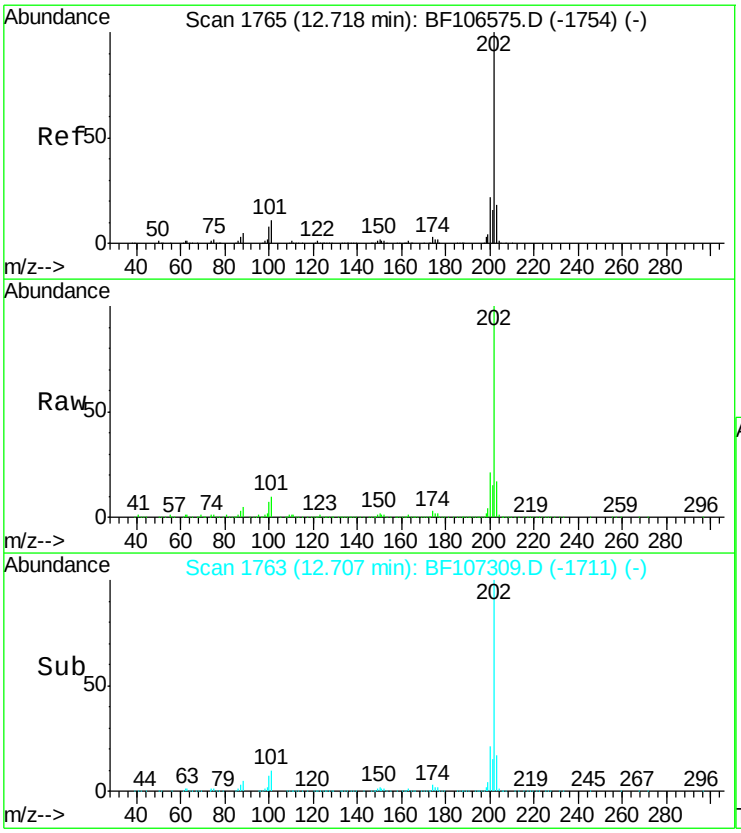
#72
Carbazole
Concen: 2.824 ng
RT: 11.72 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:167 Resp: 24526

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.6	26.4
139	11.6	10.9	16.3

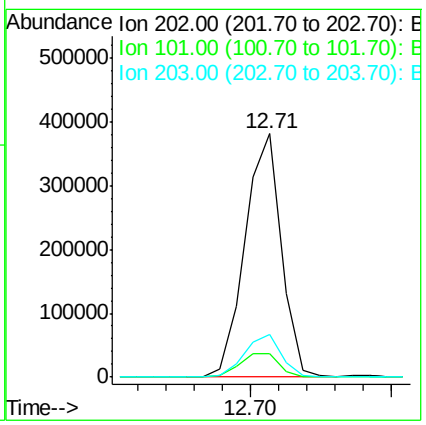


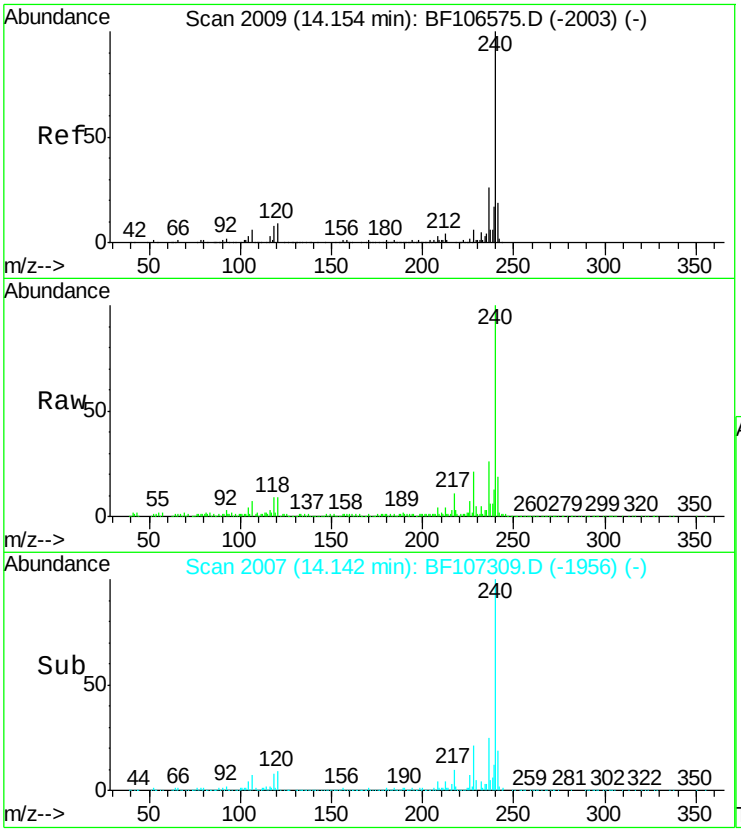


#74
Fluoranthene
Concen: 33.909 ng
RT: 12.71 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:202 Resp: 339614

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.4	0.0	38.1



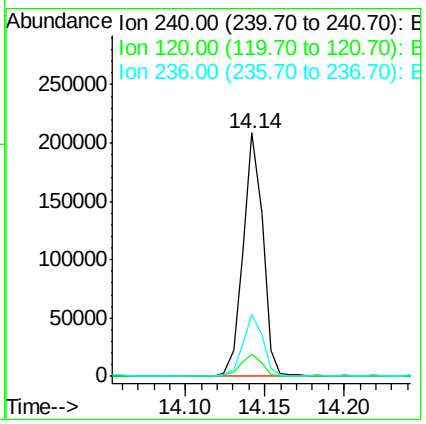


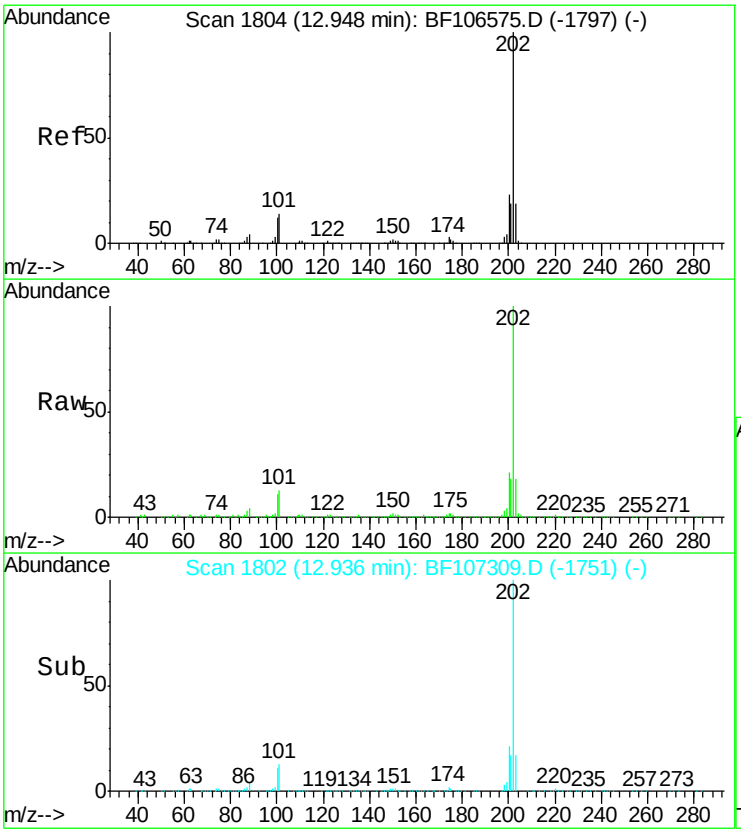
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:240 Resp: 177870

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.6	20.7	31.1

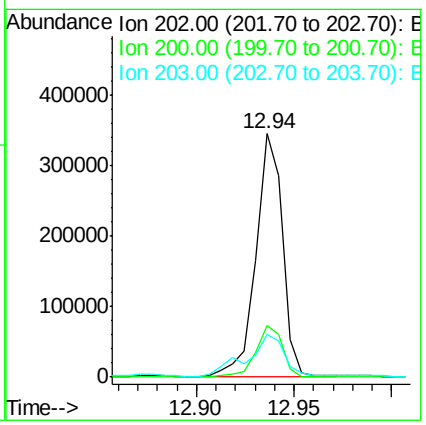


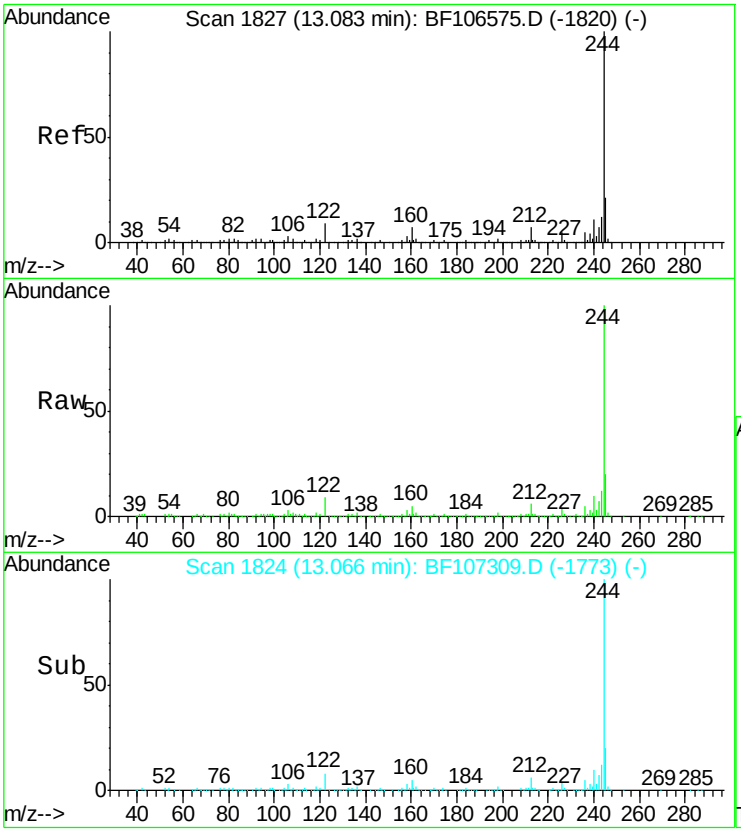


#77
Pyrene
Concen: 27.729 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:202 Resp: 325240

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5



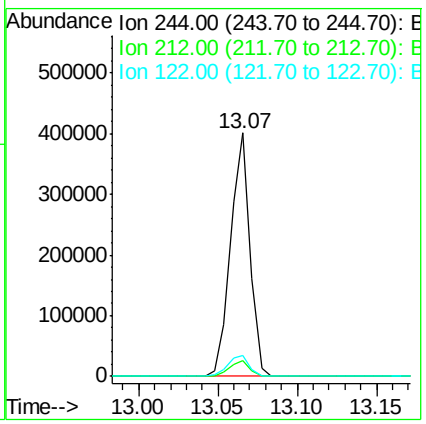


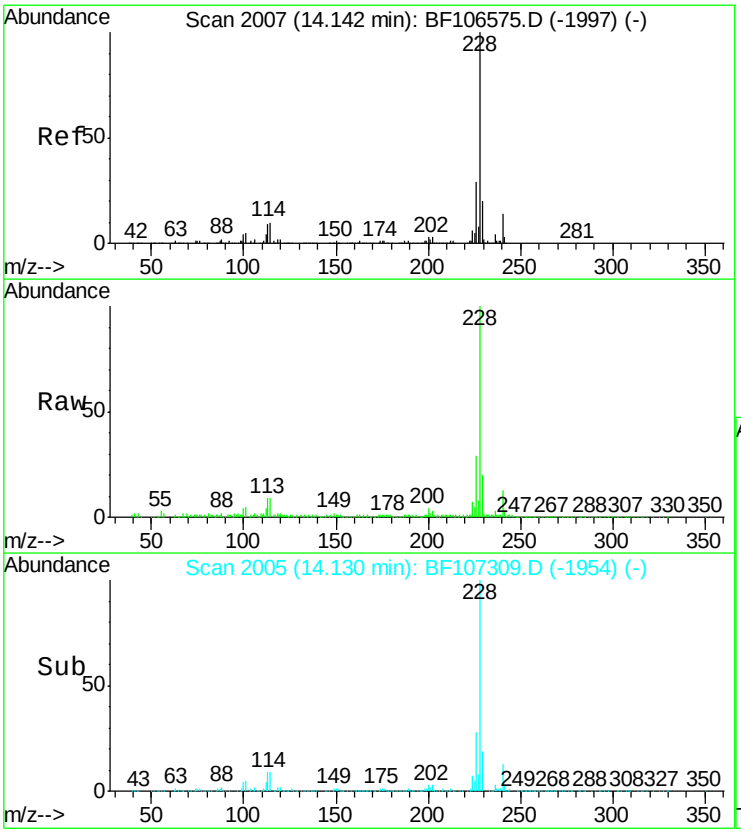
#78
Terphenyl-d14
Concen: 46.224 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:244 Resp: 339426

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.6	11.0	16.4#

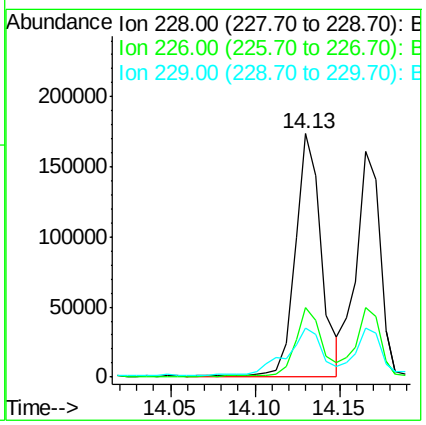


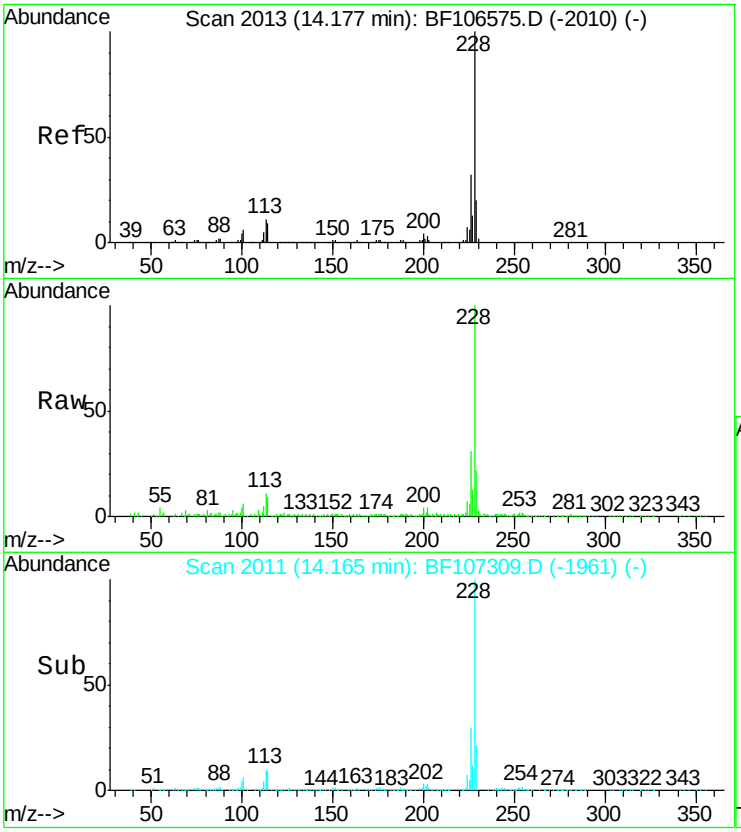


#80
Benzo(a)anthracene
Concen: 16.902 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:228 Resp: 183227

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.4	15.8	23.6



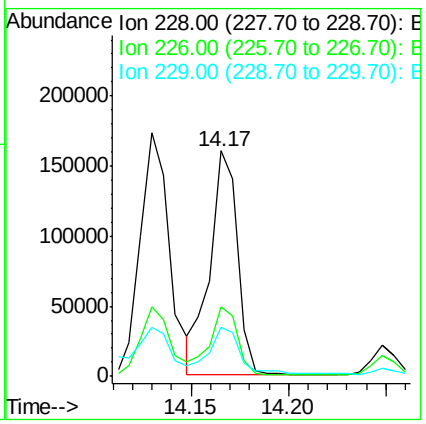


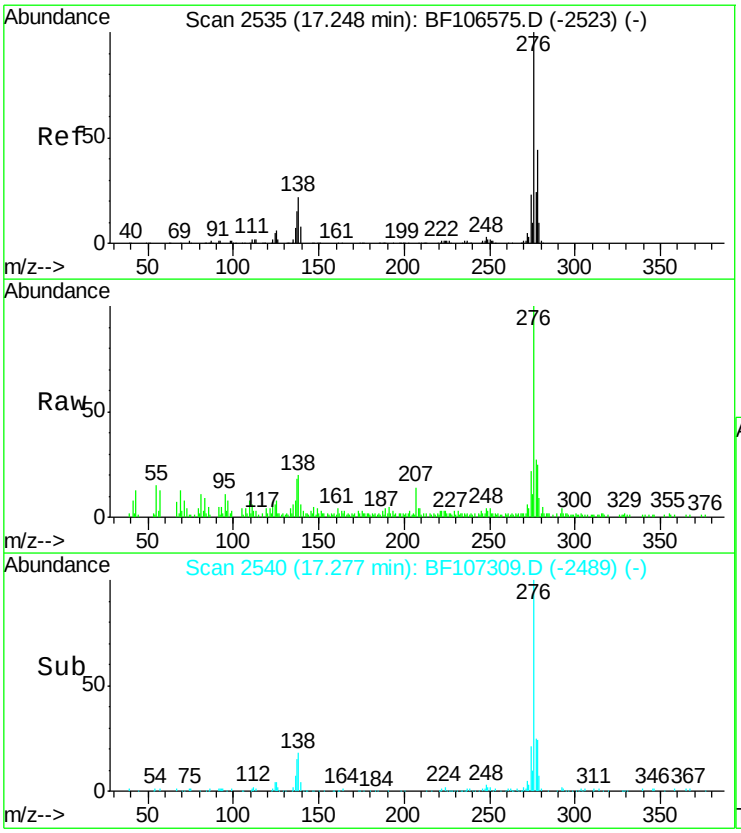
#82
Chrysene
Concen: 15.810 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:228 Resp: 157677

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.8	16.2	24.4

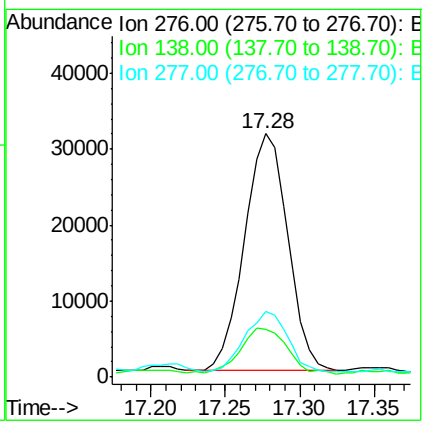


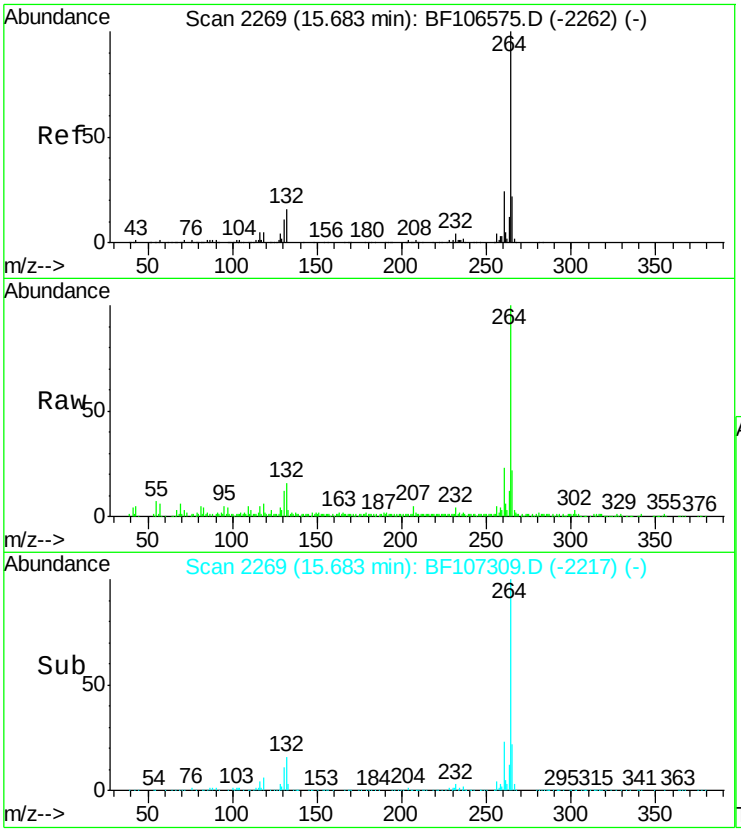


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.379 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:276 Resp: 62457

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.2	20.1	30.1



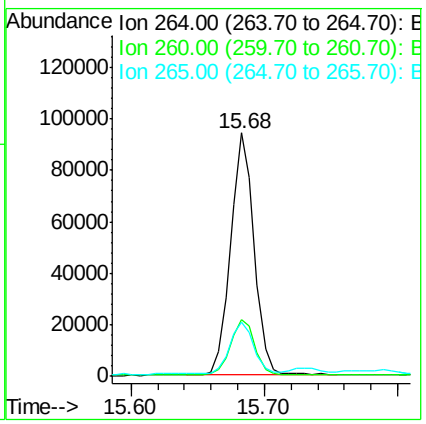


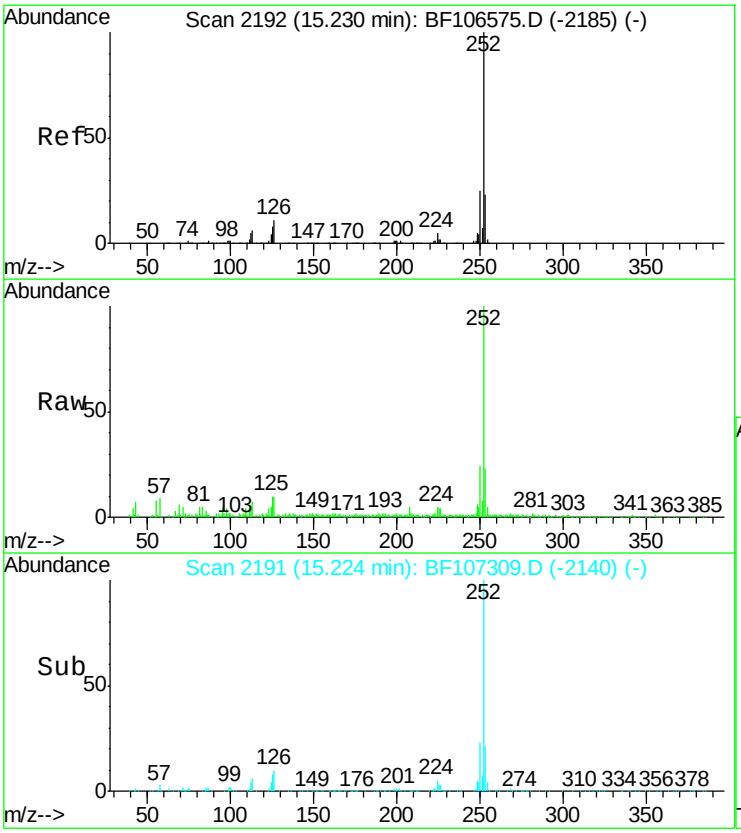
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:264 Resp: 116226

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.4	17.5	26.3

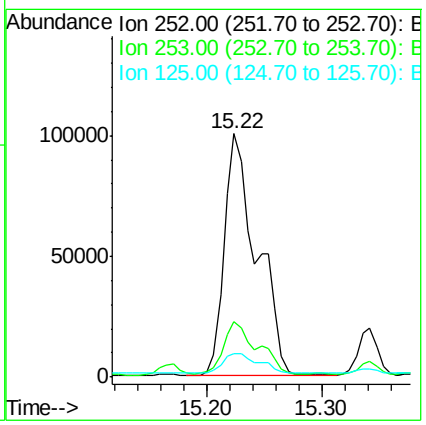


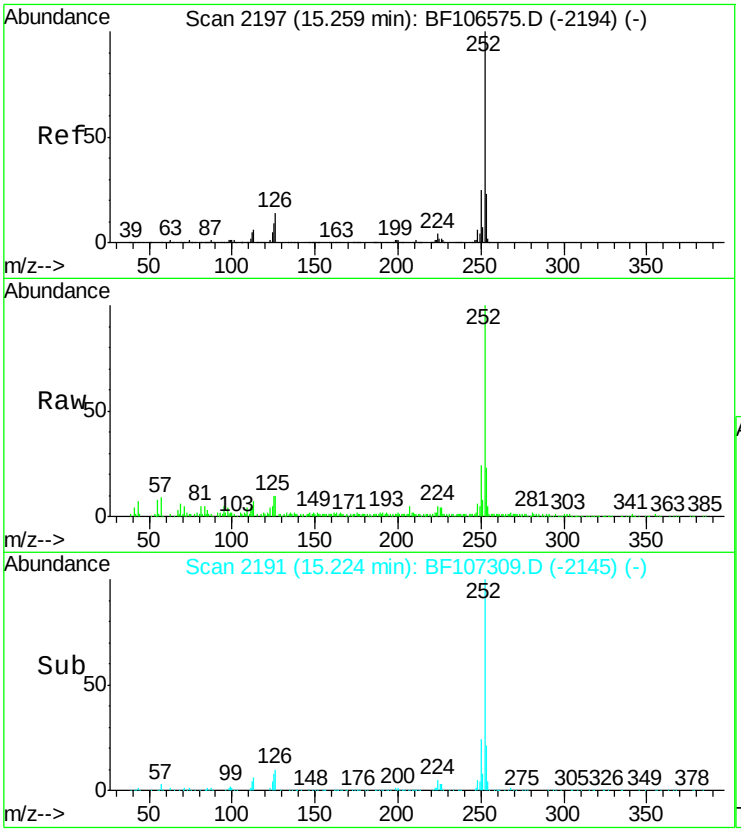


#87
Benzo(b)fluoranthene
Concen: 27.272 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:252 Resp: 196901

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.8	9.0	13.6



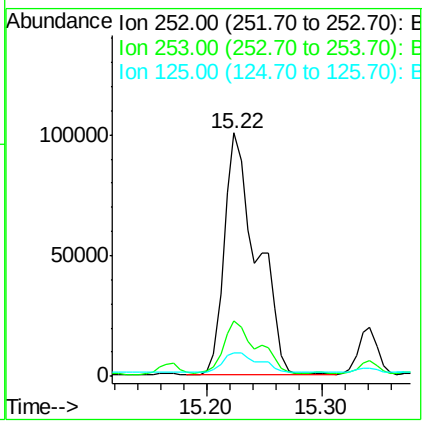


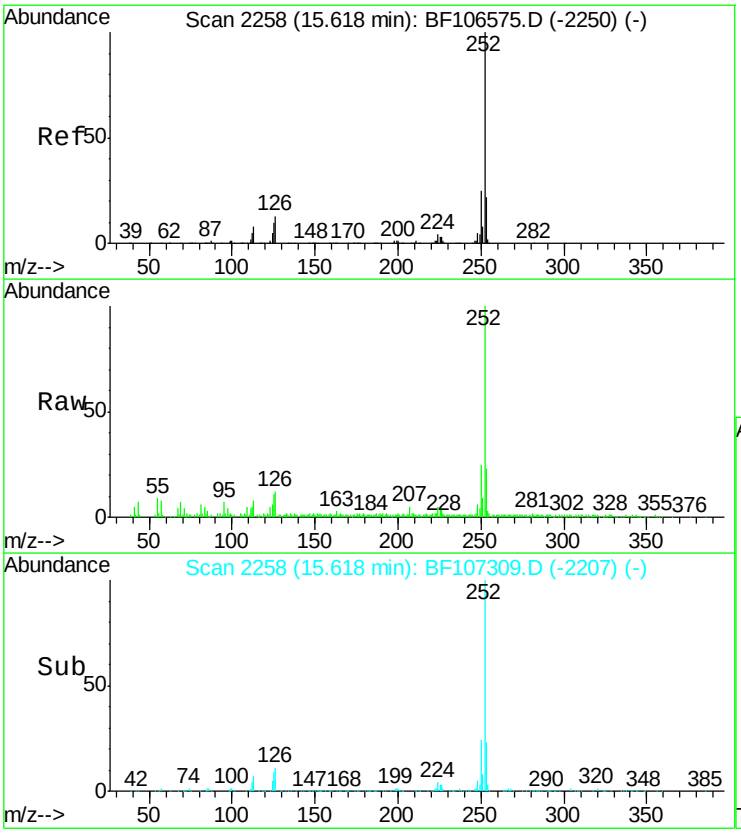
#88
Benzo(k)fluoranthene
Concen: 28.638 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:252 Resp: 196901

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.8	10.2	15.2#

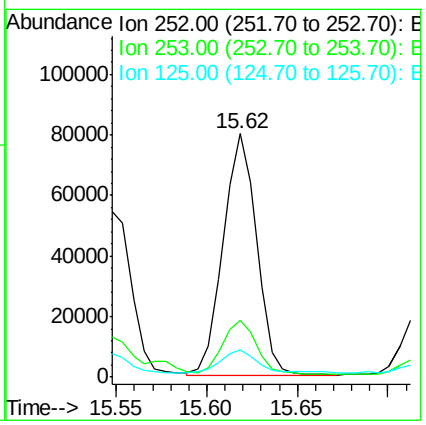


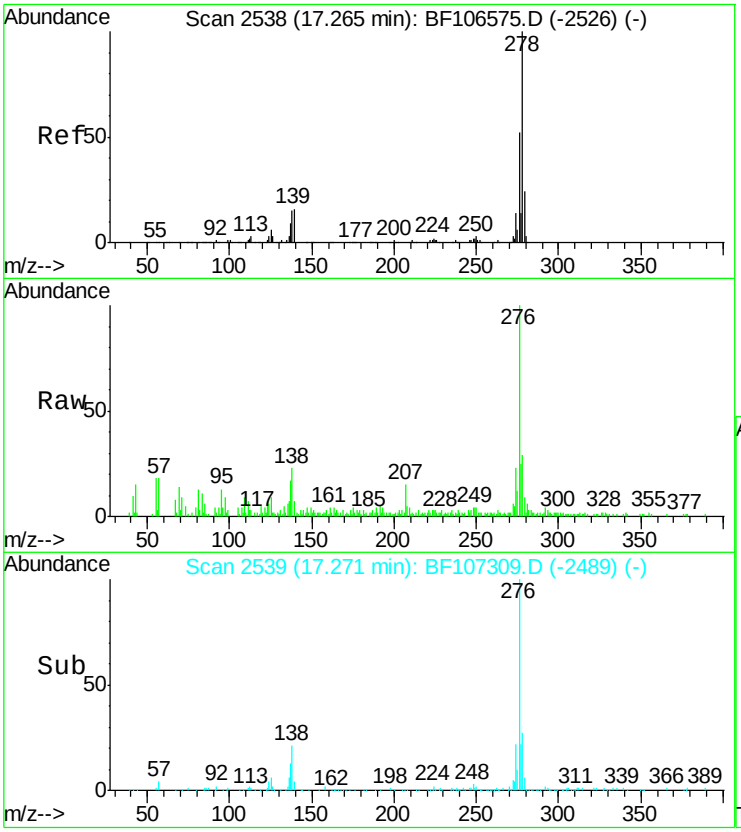


#89
Benzo(a)pyrene
Concen: 15.985 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:252 Resp: 102596

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.1	9.8	14.6



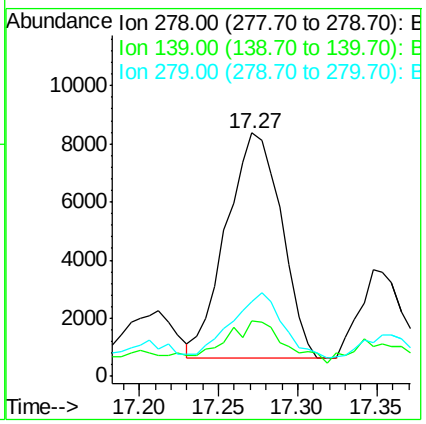


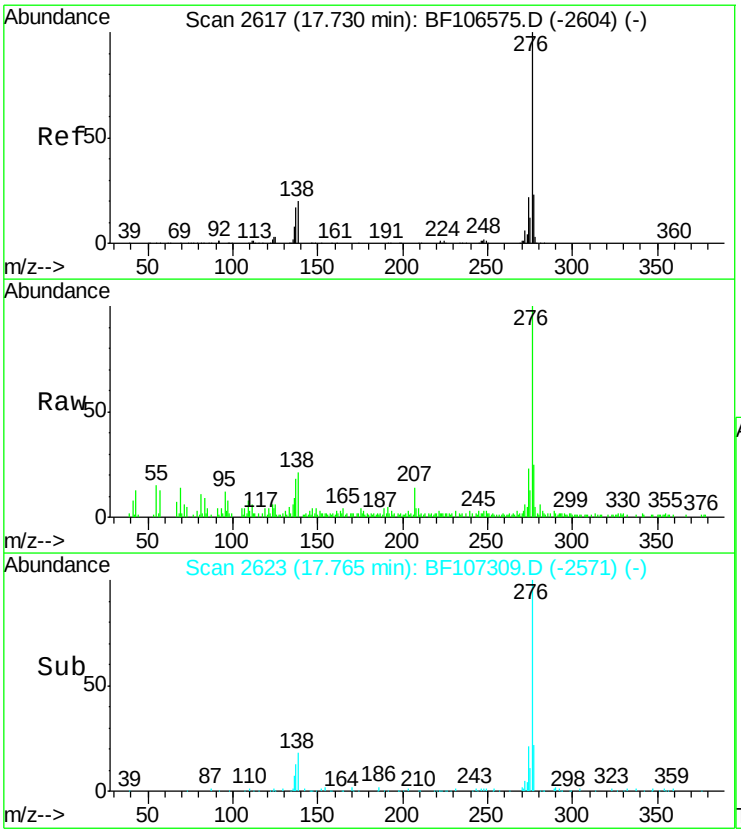
#90
Dibenzo(a,h)anthracene
Concen: 3.438 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:278 Resp: 18702

Ion	Ratio	Lower	Upper
278	100		
139	22.8	15.9	23.9
279	30.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 12.251 ng
RT: 17.77 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BF107309.D
Acq: 11 Jul 2018 19:19

Tgt Ion:276 Resp: 65136

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	20.7	21.8	32.8#