Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102477.D
Acq On : 26 Jan 2018 19:09
Operator : SJ/JU
Sample : J1020-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 22:03:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162593	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	668171	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	271606	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	398695	20.00	ng		0.00
75) Chrysene-d12	13.89	240	295329	20.00	ng		0.01
86) Perylene-d12	15.32	264	215205	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	603468	56.28	ng		0.00
7) Phenol-d6	6.36	99	726973	56.23	ng		0.00
23) Nitrobenzene-d5	7.29	82	349056	30.02	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	90646	33.68	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	696354	37.70	ng		0.00
78) Terphenyl-d14	12.83	244	478424	36.52	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	29307	2.076	ng		81
19) n-Nitroso-di-n-propylamine	7.29	70	45246	5.719	ng	#	78
25) Isophorone	7.29	82	346887	16.735	ng	#	64
31) Naphthalene	8.02	128	116900	3.504	ng		99
37) 2-Methylnaphthalene	8.72	142	84836	3.818	ng		96
48) Acenaphthylene	9.62	152	66326	2.255	ng		97
49) Dimethylphthalate	9.47	163	127753	5.691	ng		99
51) Acenaphthene	9.79	154	89878	5.233	ng		99
54) Dibenzofuran	9.96	168	62199	2.676	ng	#	94
57) Fluorene	10.30	166	175271	9.515	ng		99
70) Phenanthrene	11.27	178	1027821	44.240	ng		100
71) Anthracene	11.32	178	337463	14.231	ng		99
74) Fluoranthene	12.46	202	1064206	44.919	ng		99
77) Pyrene	12.69	202	1172334	51.342	ng		99
80) Benzo(a)anthracene	13.88	228	502182	27.619	ng		96
82) Chrysene	13.92	228	506502	27.432	ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	110398	7.240	ng		98
87) Benzo(b)fluoranthene	14.92	252	462299	33.143	ng	#	93
88) Benzo(k)fluoranthene	14.92	252	462299	35.080	ng	#	96
89) Benzo(a)pyrene	15.26	252	265564	21.110	ng	#	96
90) Dibenzo(a,h)anthracene	16.73	278	33153	3.253	ng	#	74
91) Benzo(g,h,i)perylene	17.16	276	119823	11.909	ng		95

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

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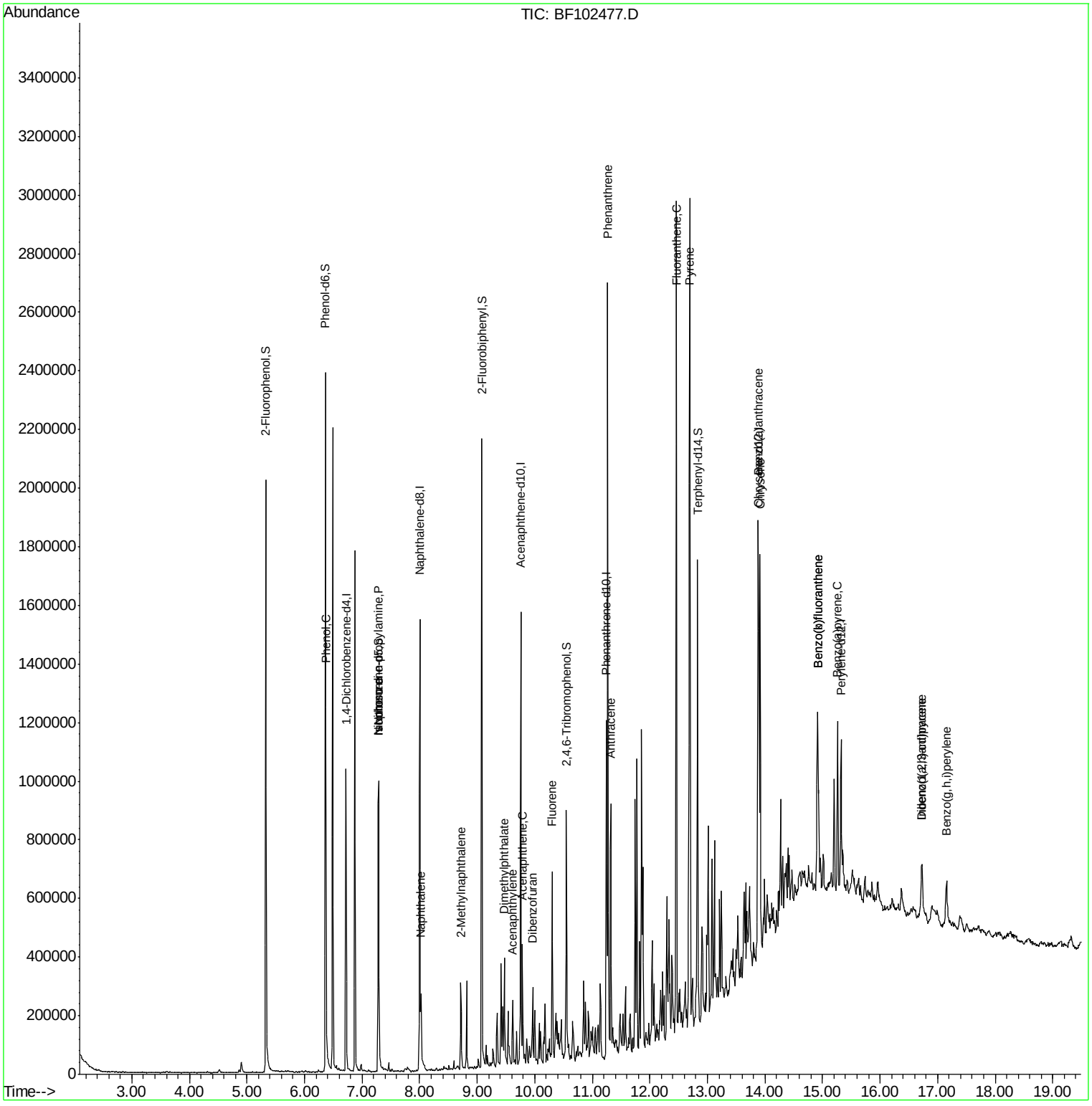
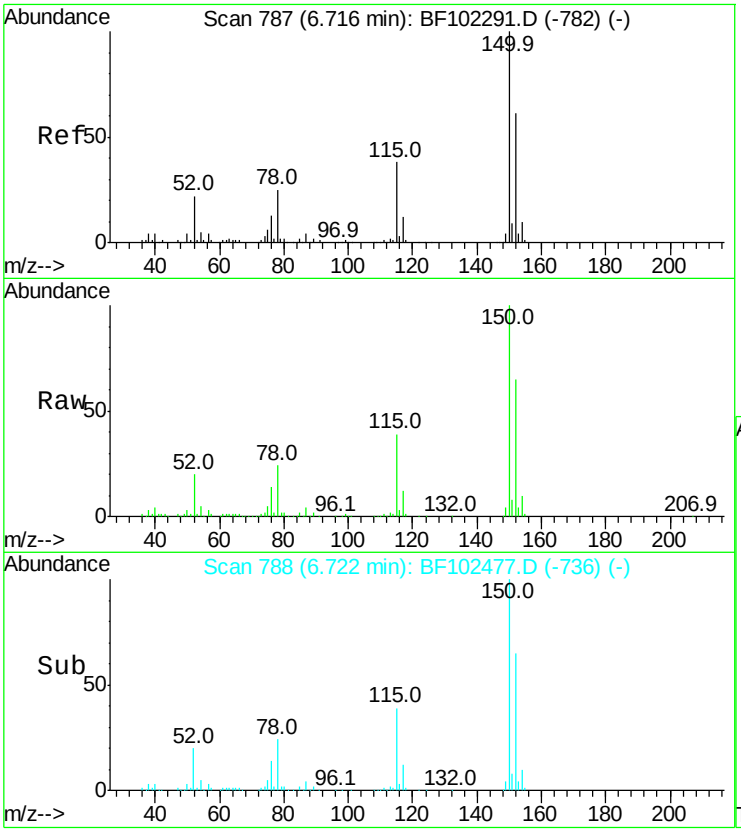


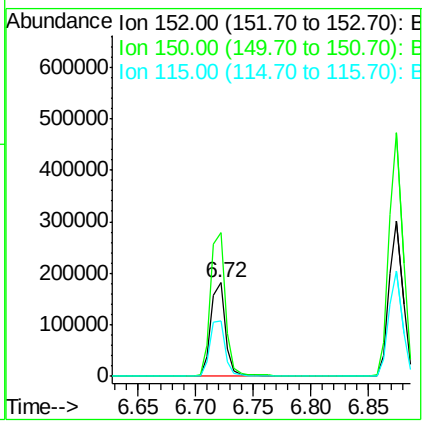


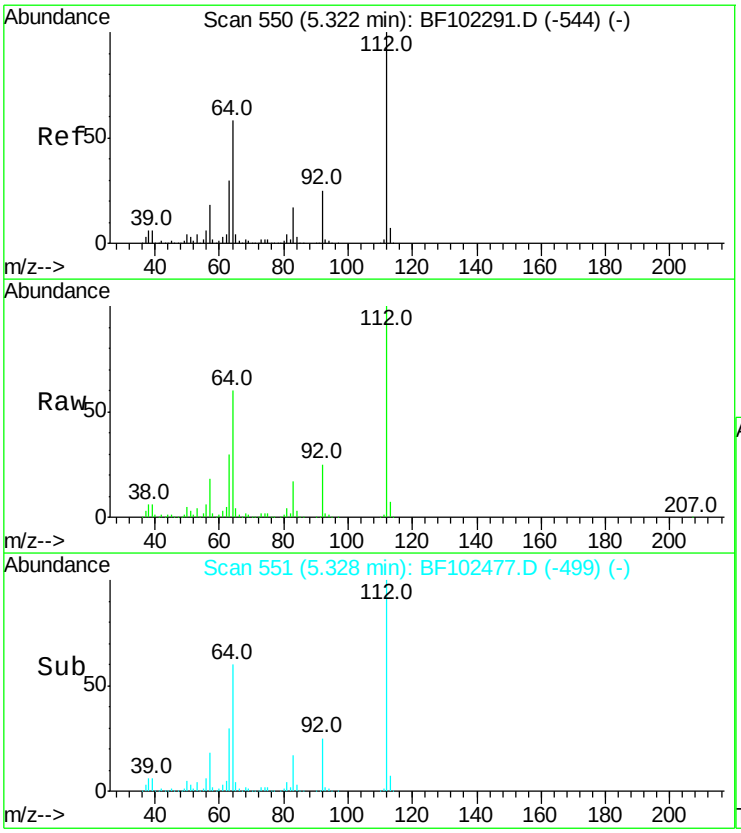
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 162593

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.4	50.1	75.1

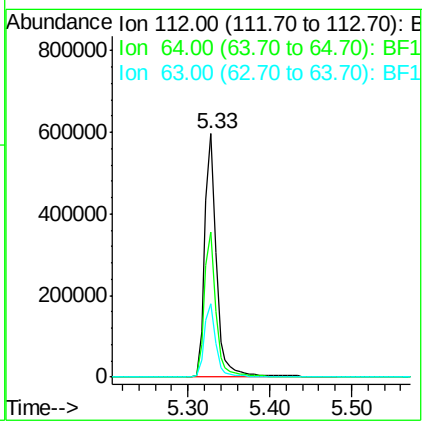


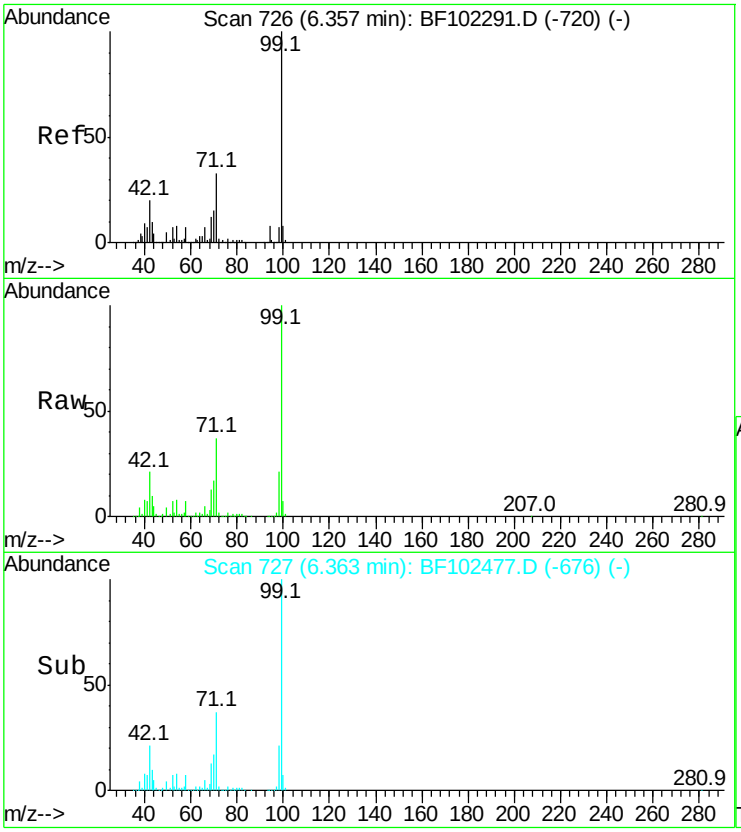


#5
2-Fluorophenol
Concen: 56.276 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:112 Resp: 603468

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.0	23.7	35.5



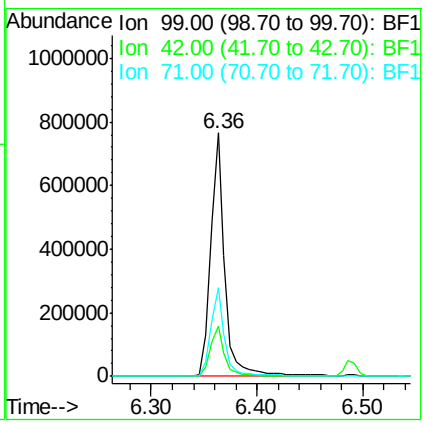


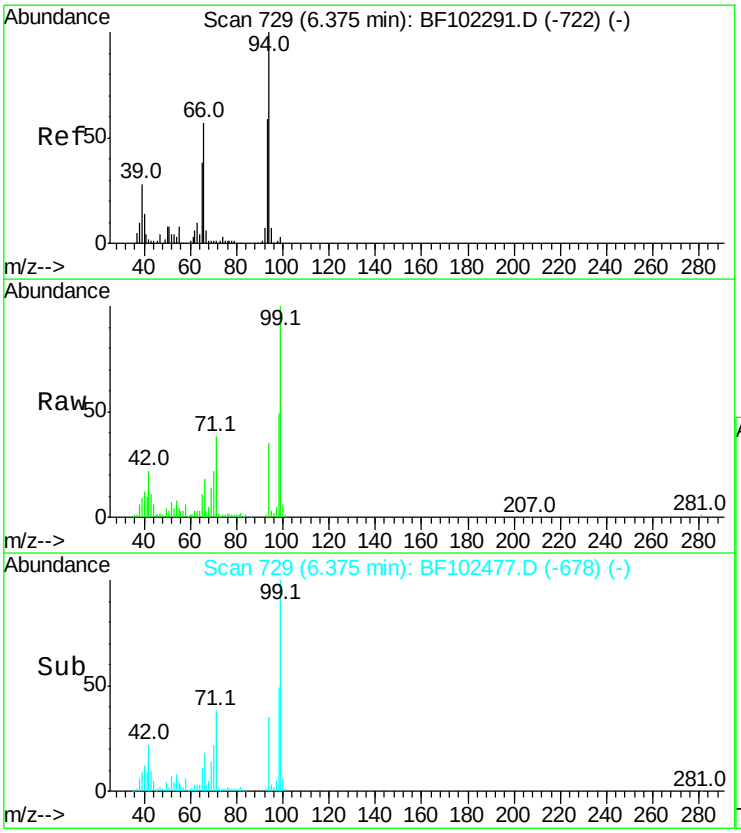
#7
Phenol-d6
Concen: 56.233 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 726973

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	36.6	25.4	38.0

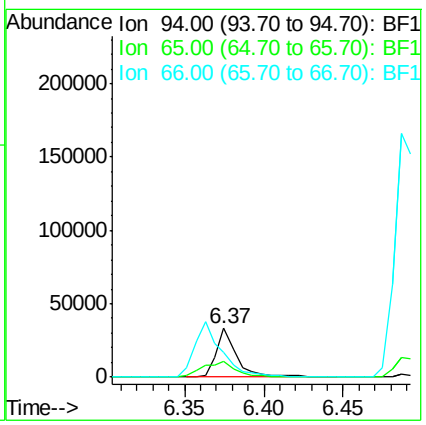


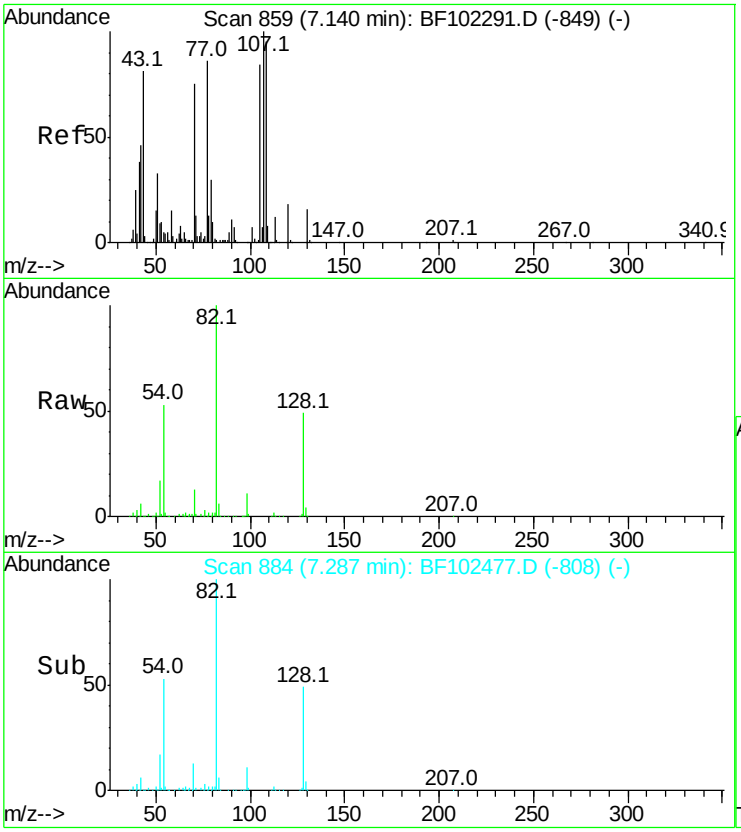


#10
Phenol
Concen: 2.076 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion: 94 Resp: 29307

Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	51.8	16.2	56.2



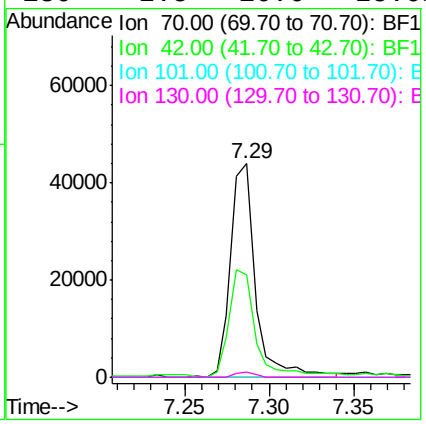


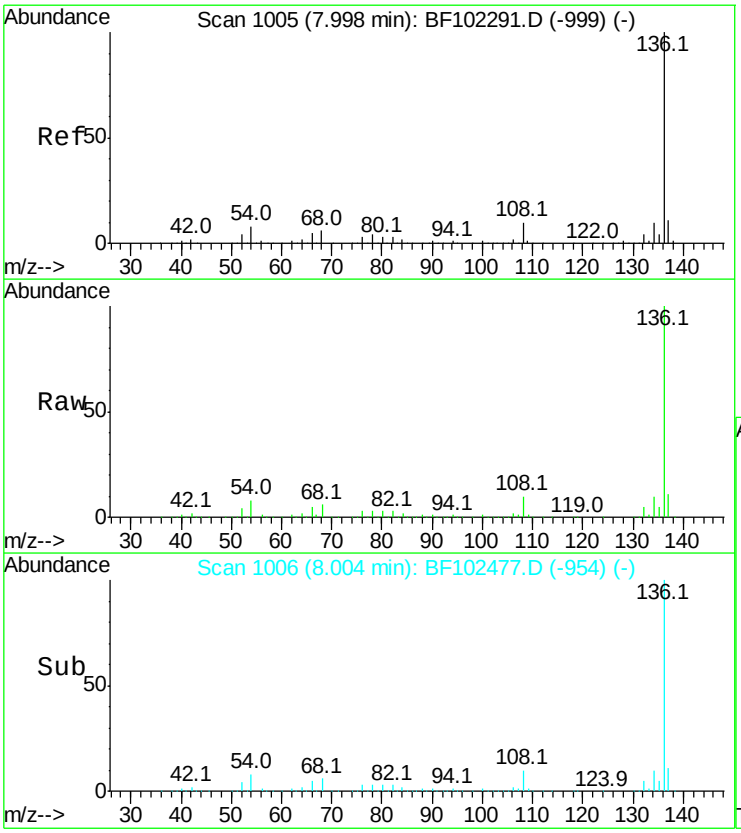
#19
n-Nitroso-di-n-propylamine
Concen: 5.719 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 45246

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

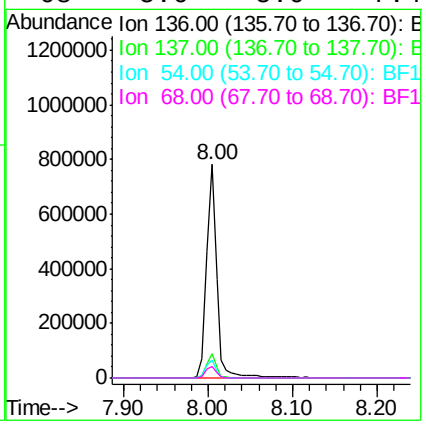


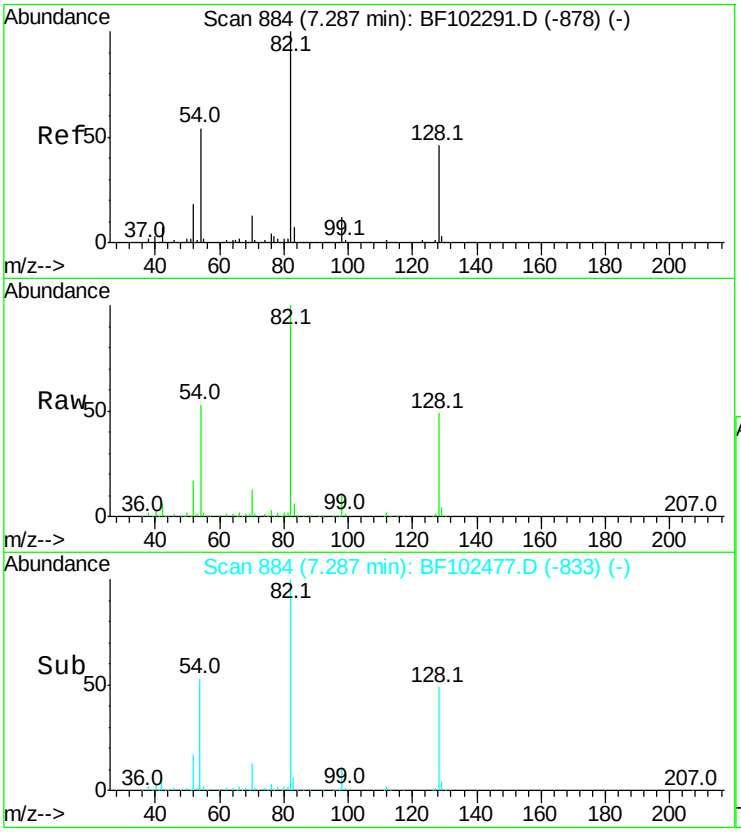


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:136 Resp: 668171

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	5.6	5.0	7.4



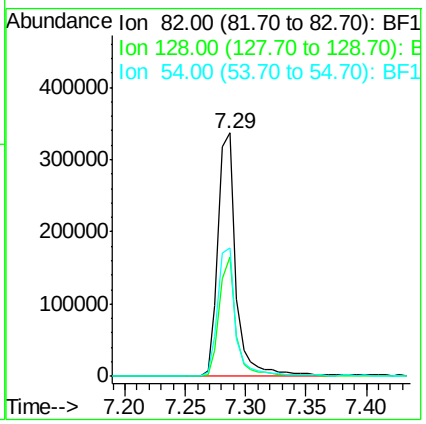


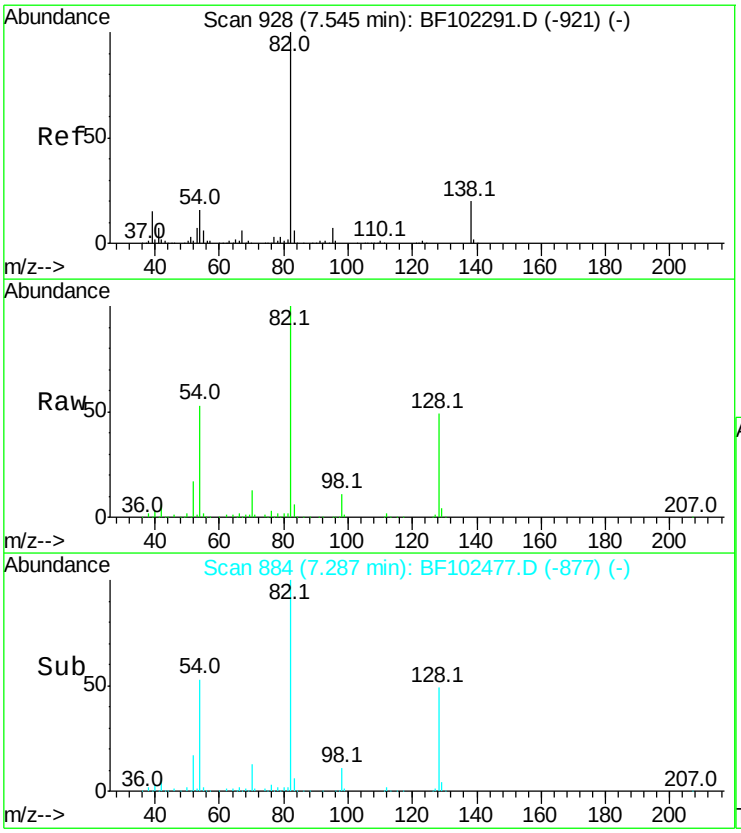
#23
Nitrobenzene-d5
Concen: 30.021 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 349056

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	52.9	41.4	62.2

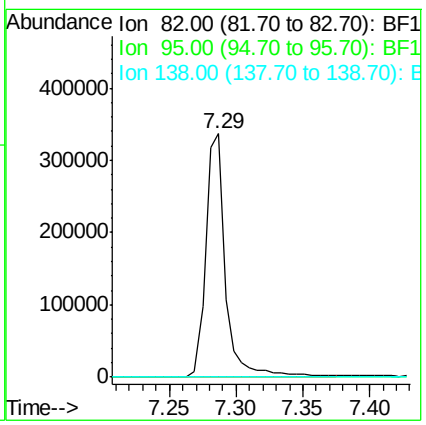


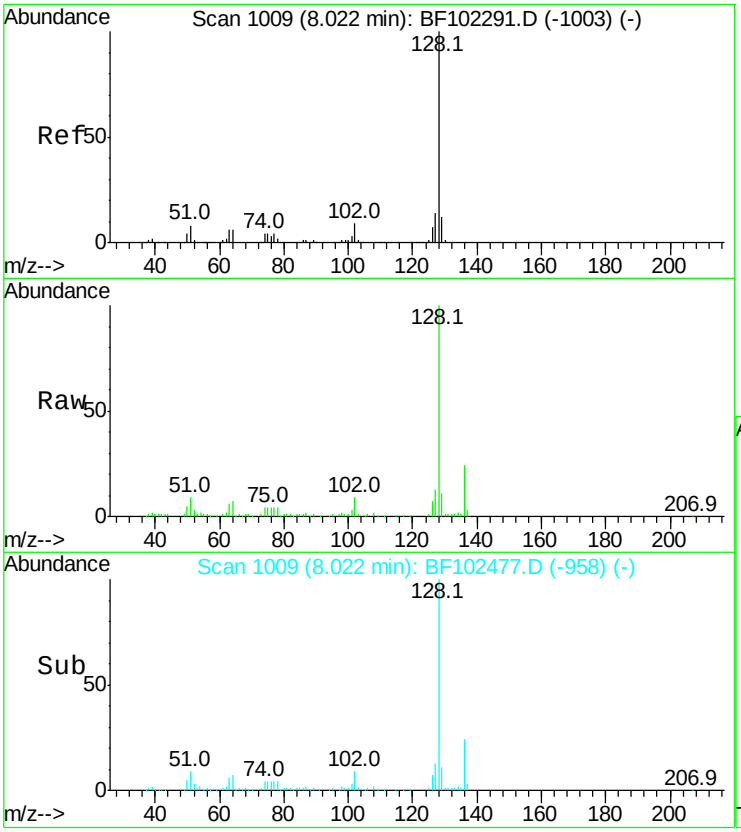


#25
Isophorone
Concen: 16.735 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion: 82 Resp: 346887

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



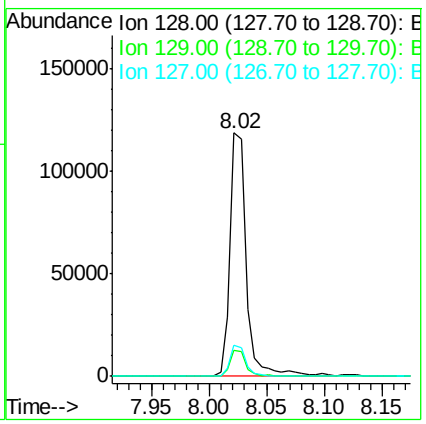


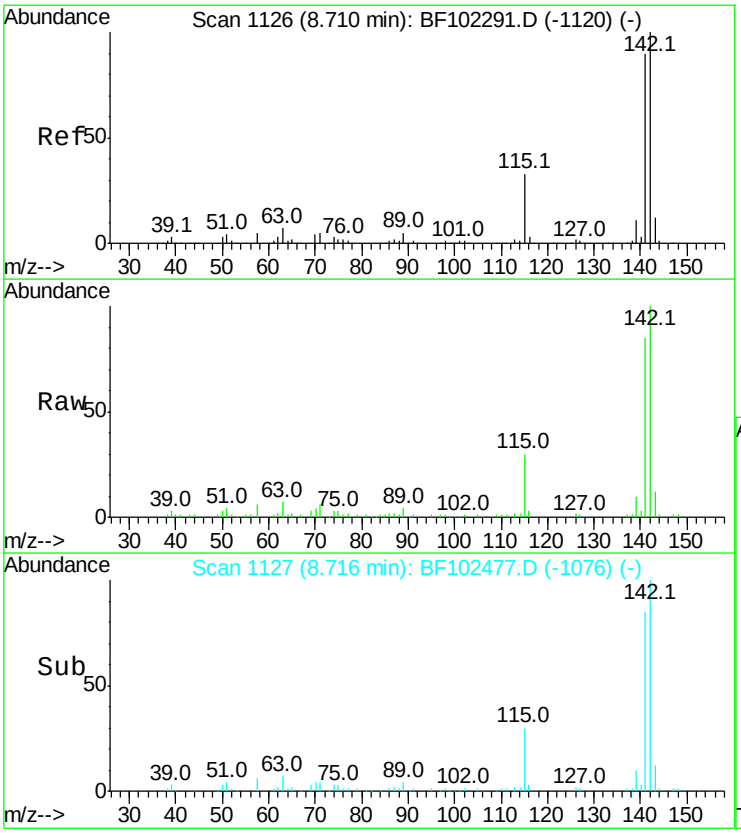
#31
Naphthalene
Concen: 3.504 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 116900

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.0	10.9	16.3

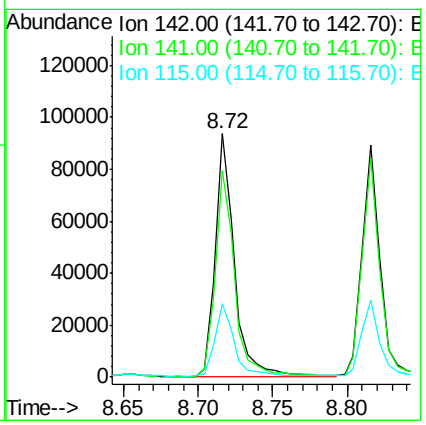


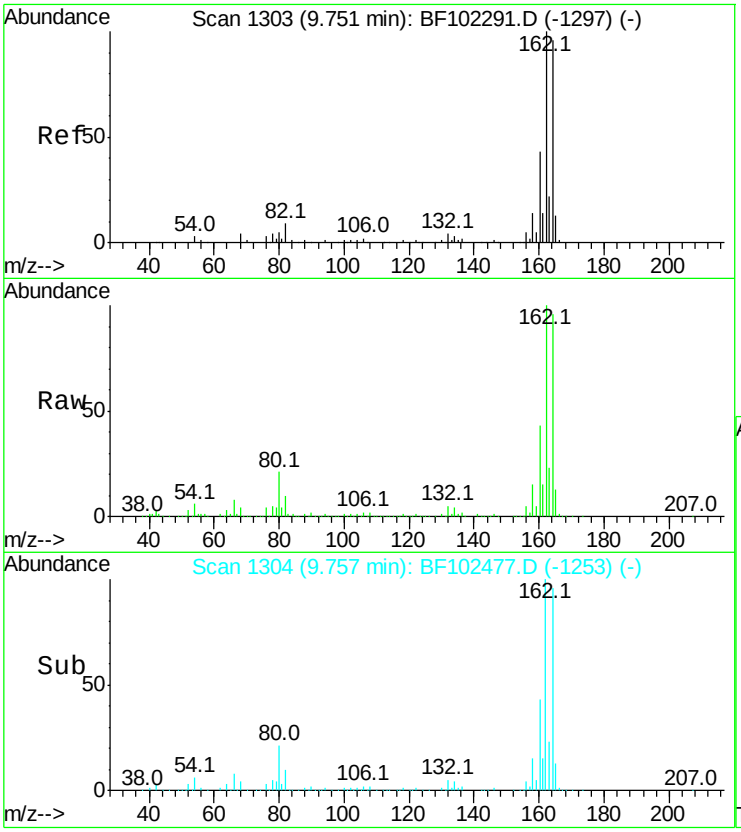


#37
2-Methylnaphthalene
Concen: 3.818 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:142 Resp: 84836

Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.8	106.2
115	30.1	26.1	39.1



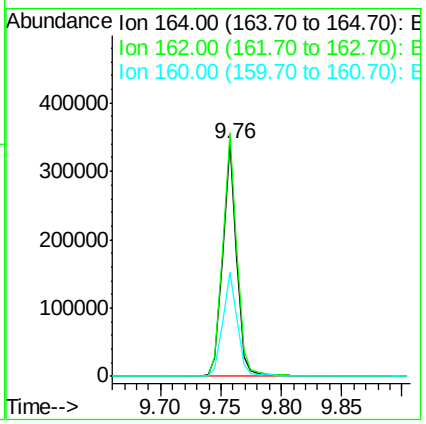


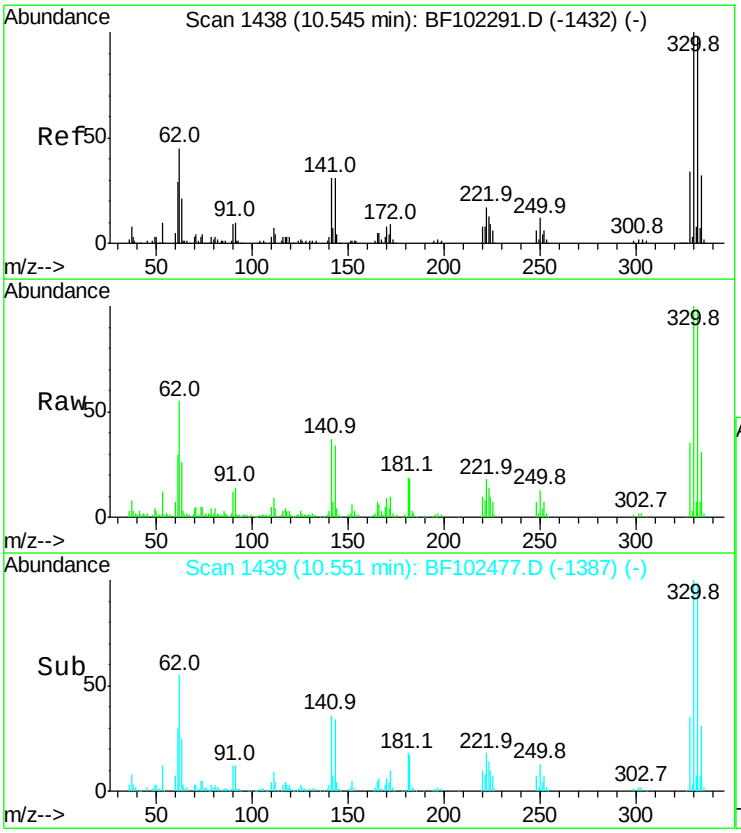
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 271606

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	44.9	38.3	57.5

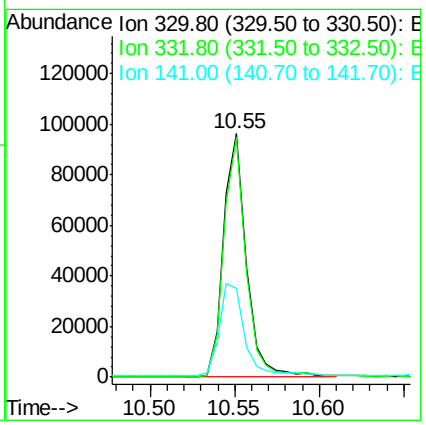


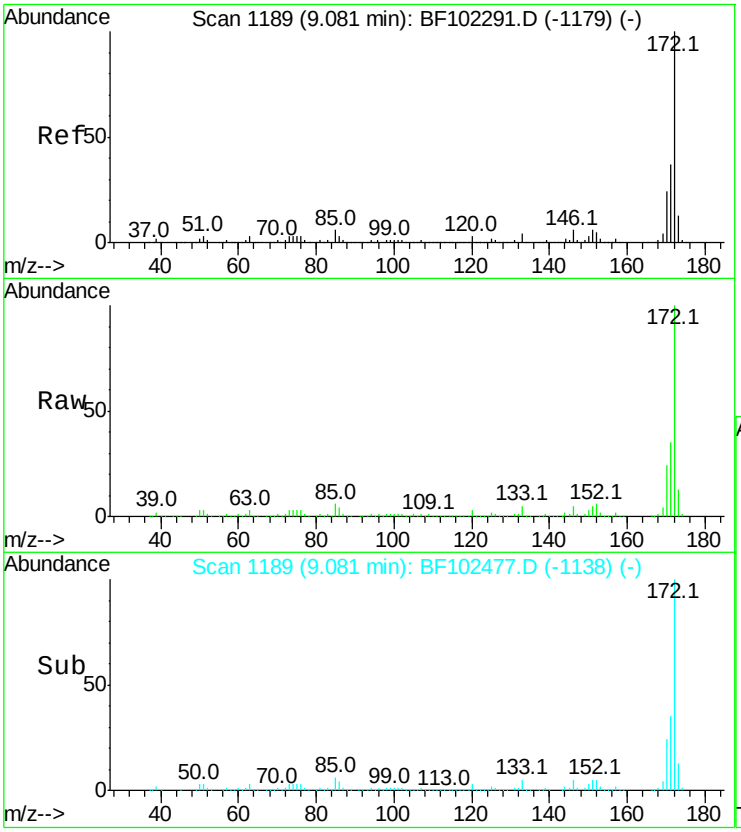


#41
2,4,6-Tribromophenol
Concen: 33.682 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:330 Resp: 90646

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	42.0	29.9	44.9



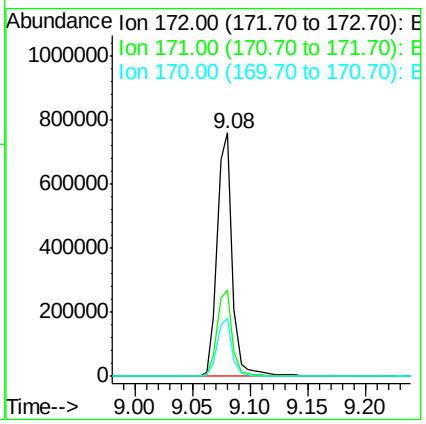


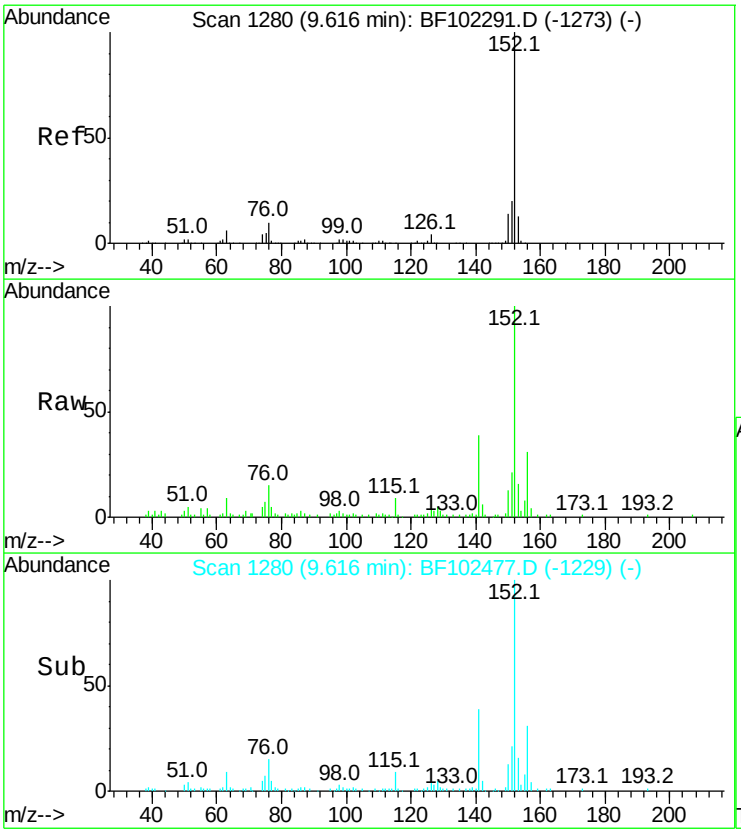
#44
2-Fluorobiphenyl
Concen: 37.697 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 696354

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	19.6	29.4

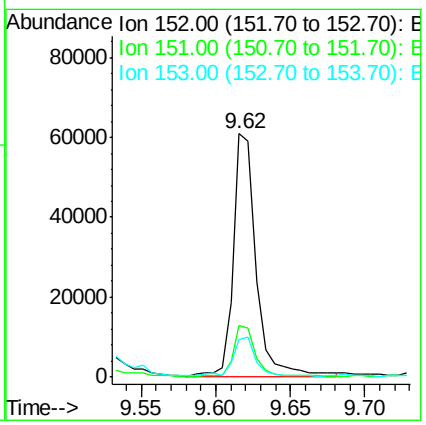


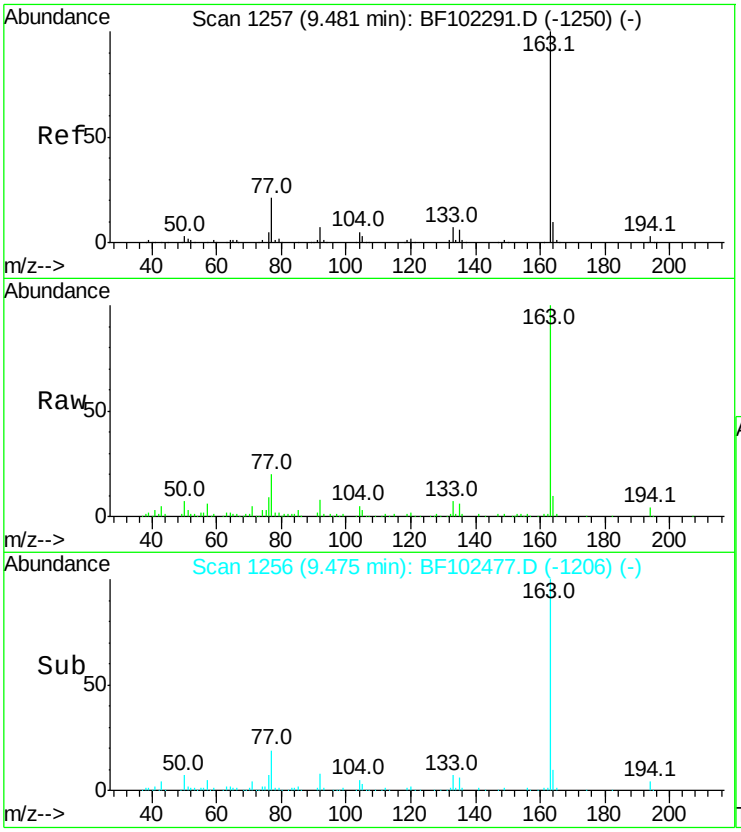


#48
Acenaphthylene
Concen: 2.255 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:152 Resp: 66326

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	15.5	10.7	16.1



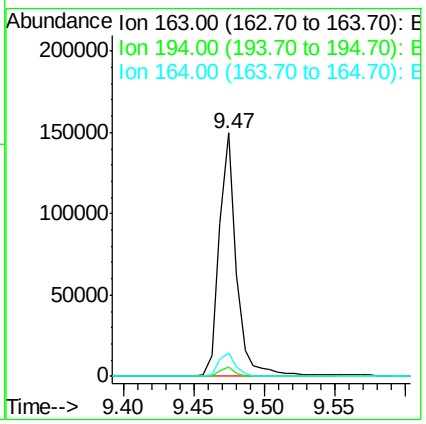


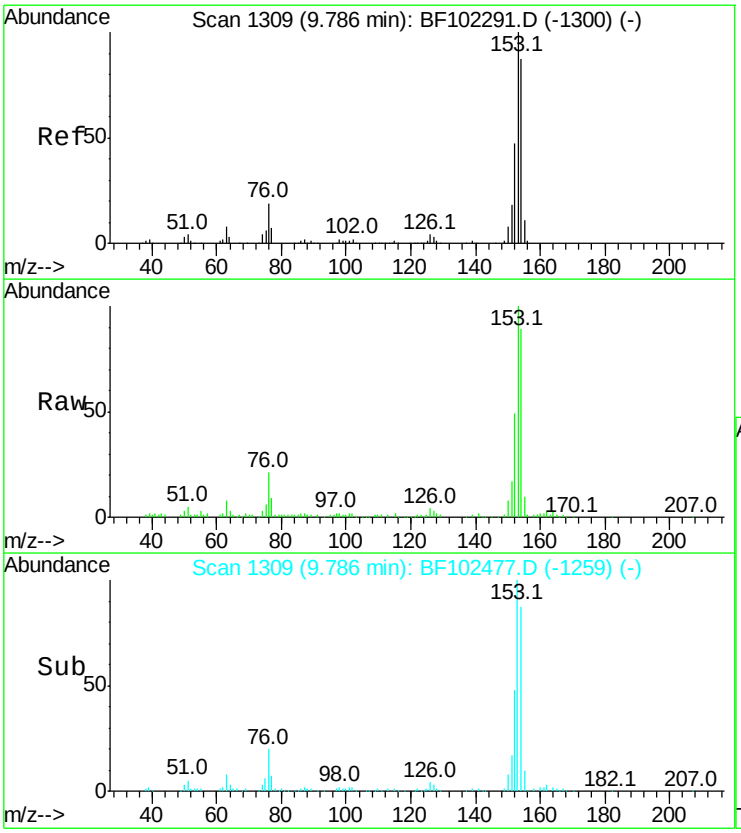
#49
Dimethylphthalate
Concen: 5.691 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 127753

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2

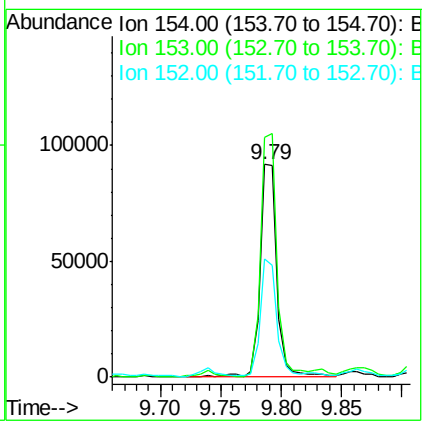


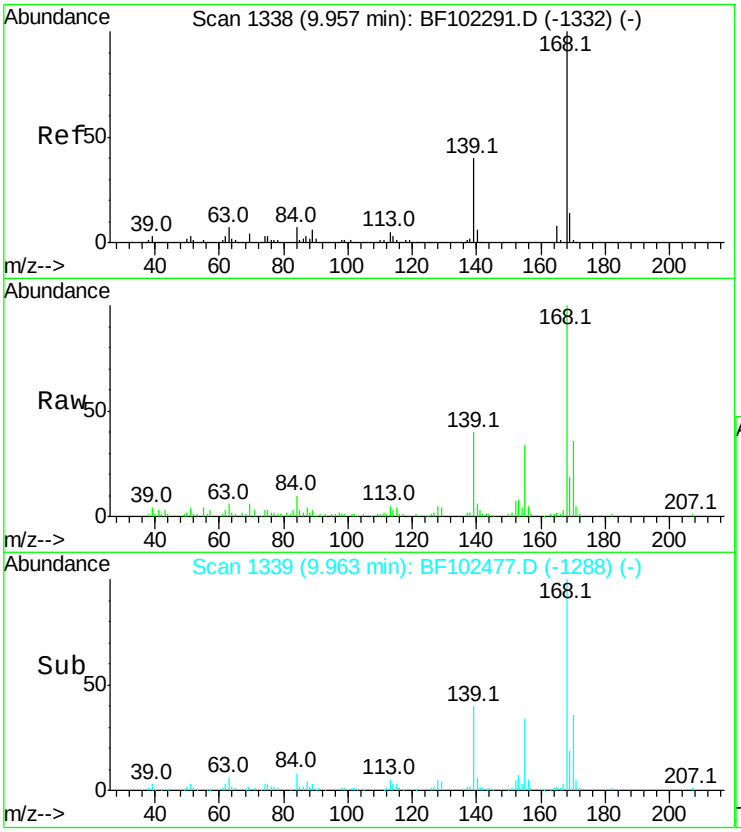


#51
Acenaphthene
Concen: 5.233 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:154 Resp: 89878

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	55.3	43.8	65.8



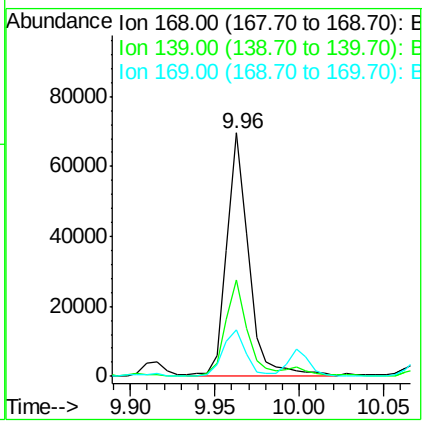


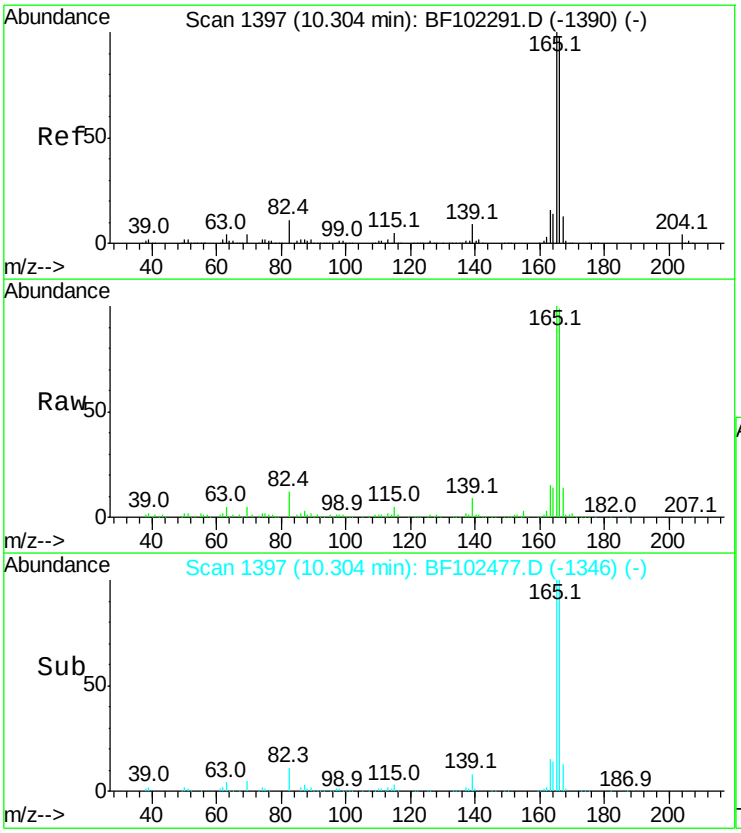
#54
Dibenzofuran
Concen: 2.676 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 62199

Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	19.1	10.9	16.3#

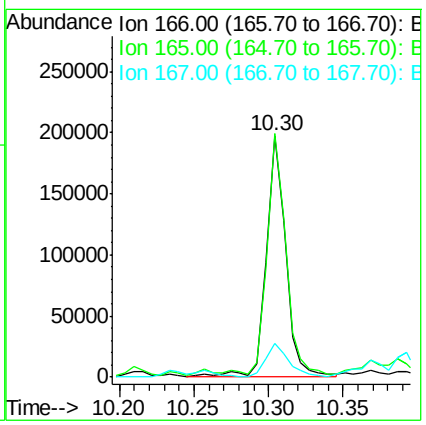


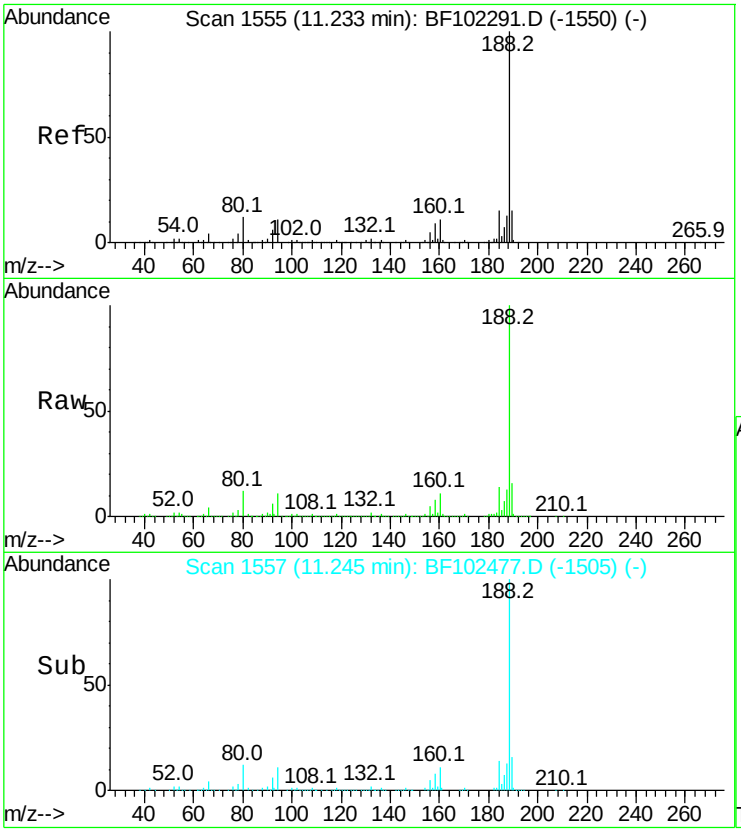


#57
Fluorene
Concen: 9.515 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:166 Resp: 175271

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	13.7	10.6	16.0



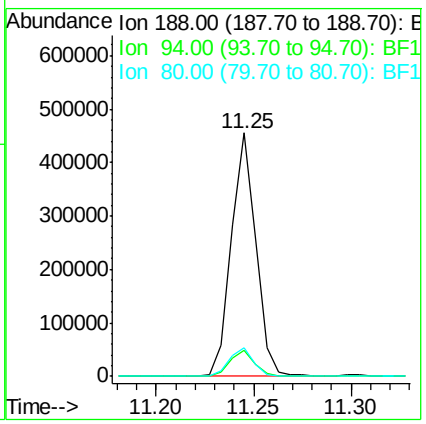


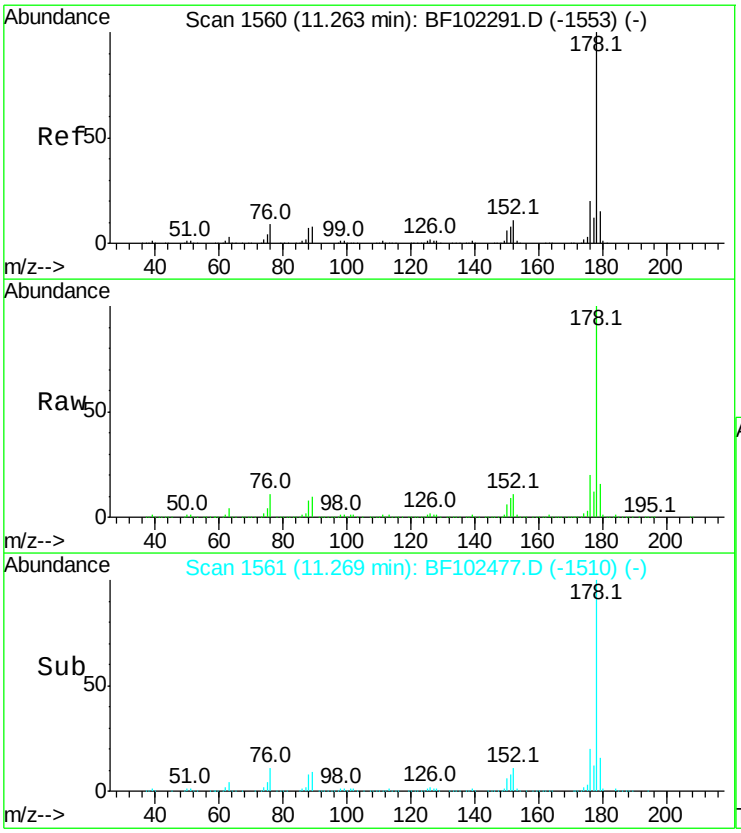
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 398695

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8

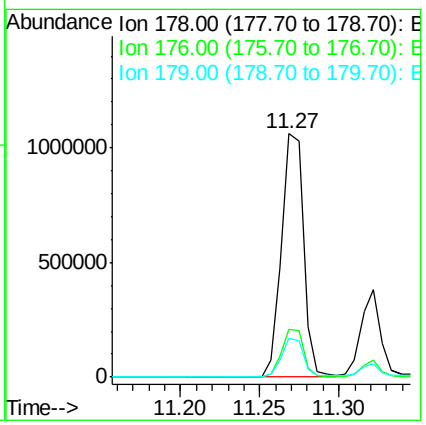


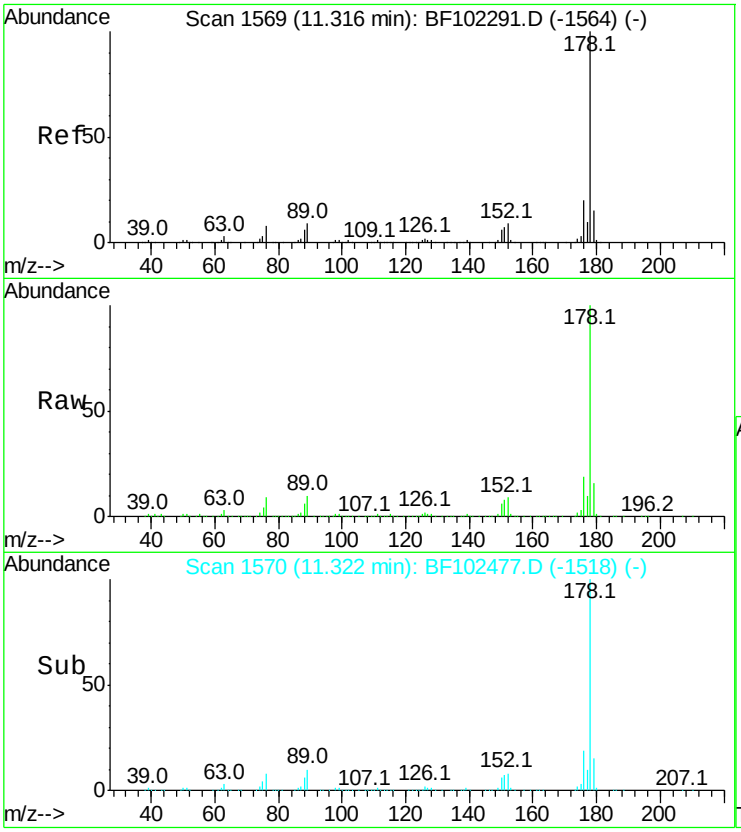


#70
Phenanthrene
Concen: 44.240 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:178 Resp: 1027821

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.1	13.0	19.6



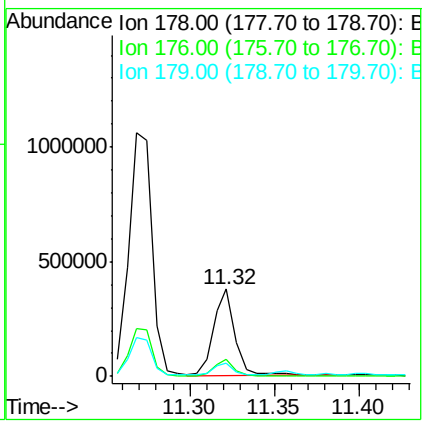


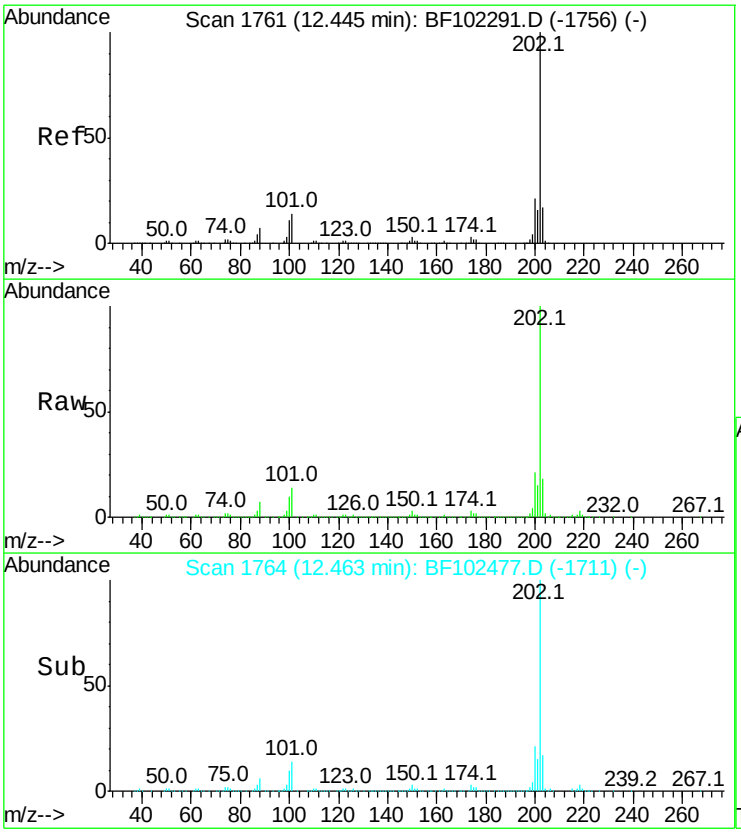
#71
Anthracene
Concen: 14.231 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 337463

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0

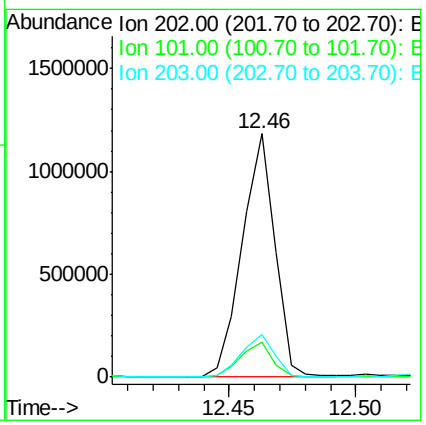


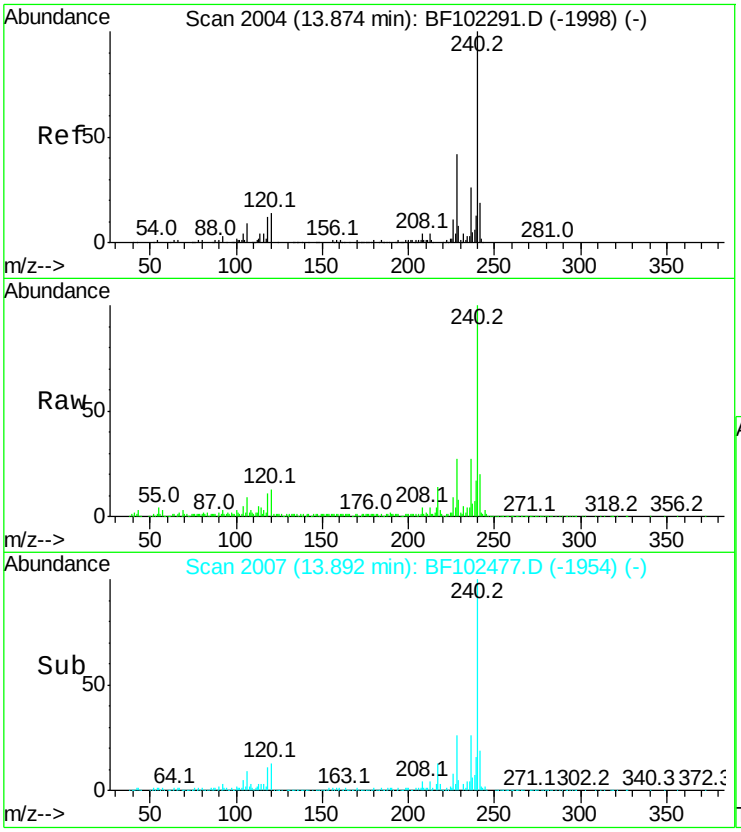


#74
Fluoranthene
Concen: 44.919 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:202 Resp: 1064206

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.5	0.0	38.1



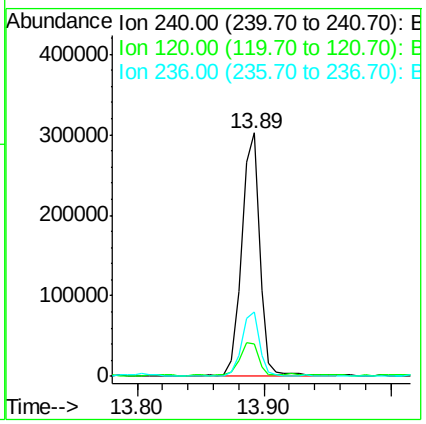


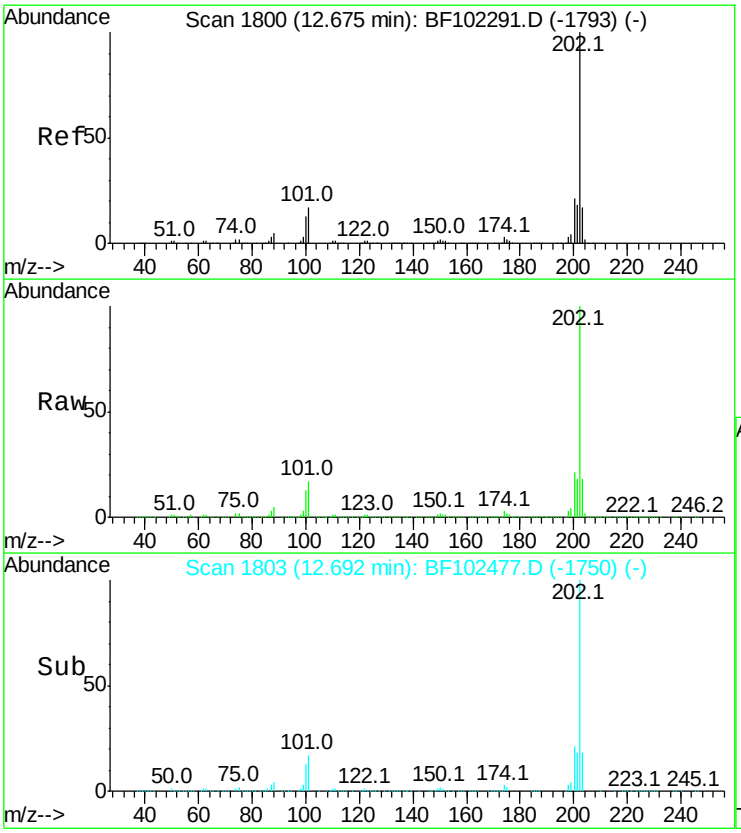
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 295329

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.6	20.7	31.1

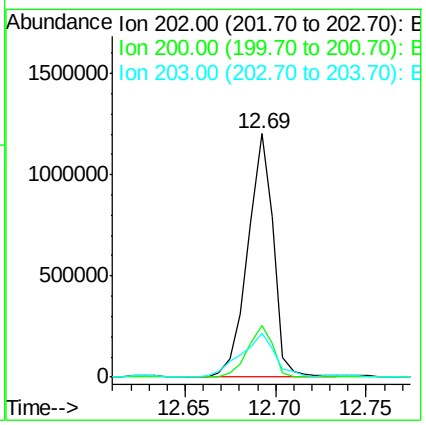


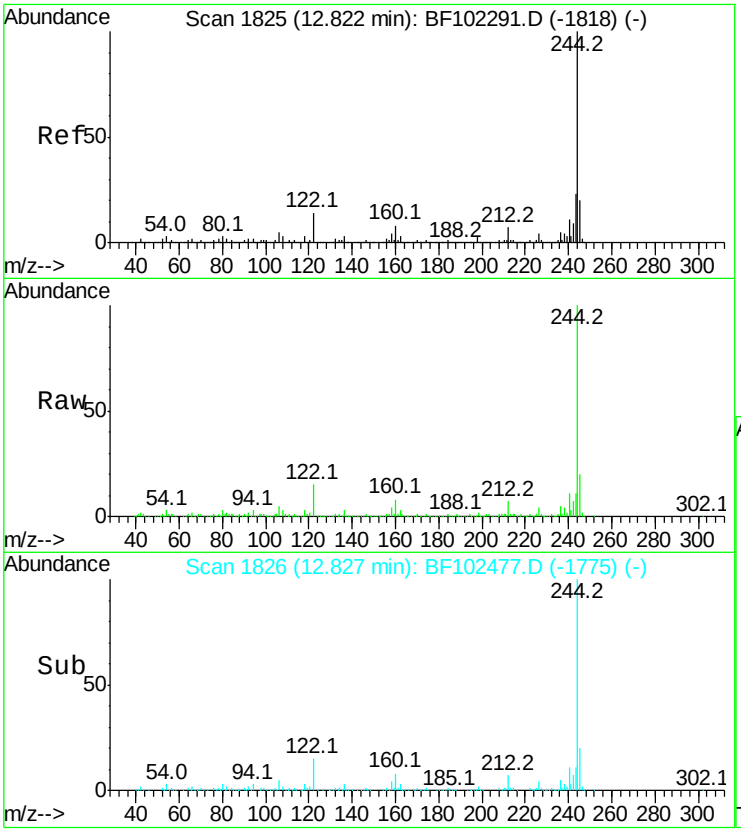


#77
Pyrene
Concen: 51.342 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:202 Resp: 1172334

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.2	14.3	21.5



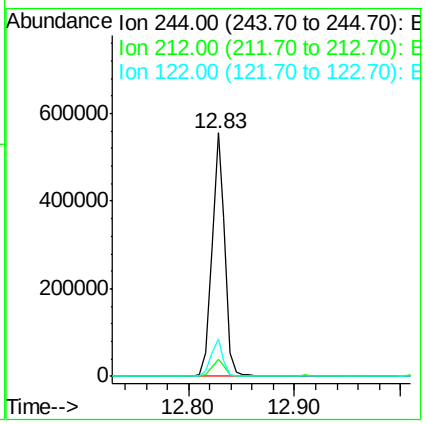


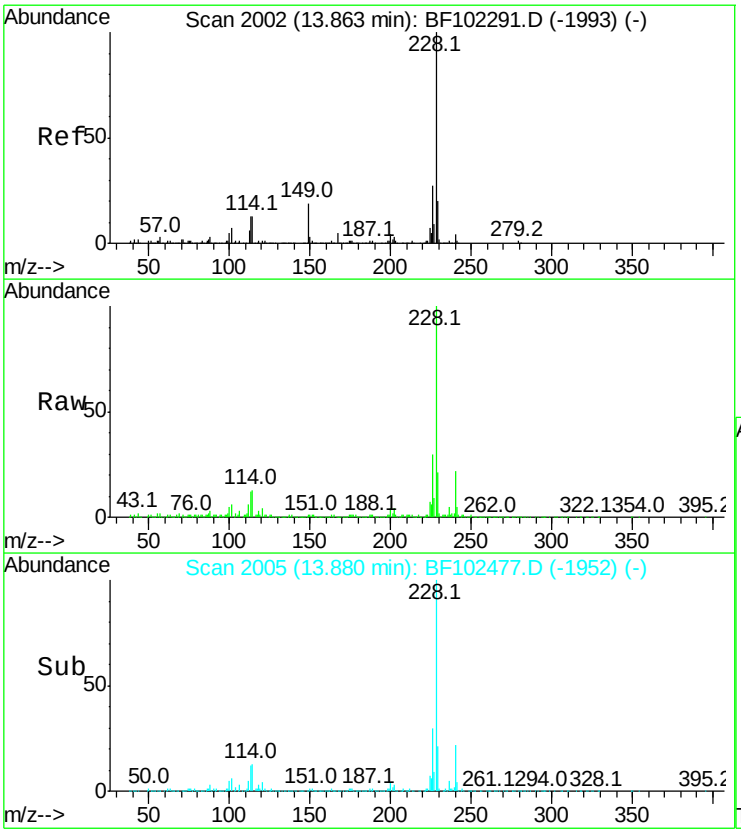
#78
Terphenyl-d14
Concen: 36.520 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 478424

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.2	11.0	16.4

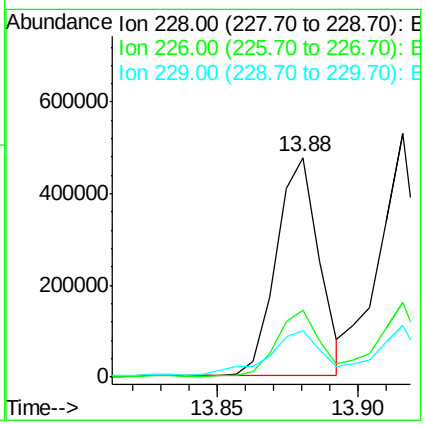


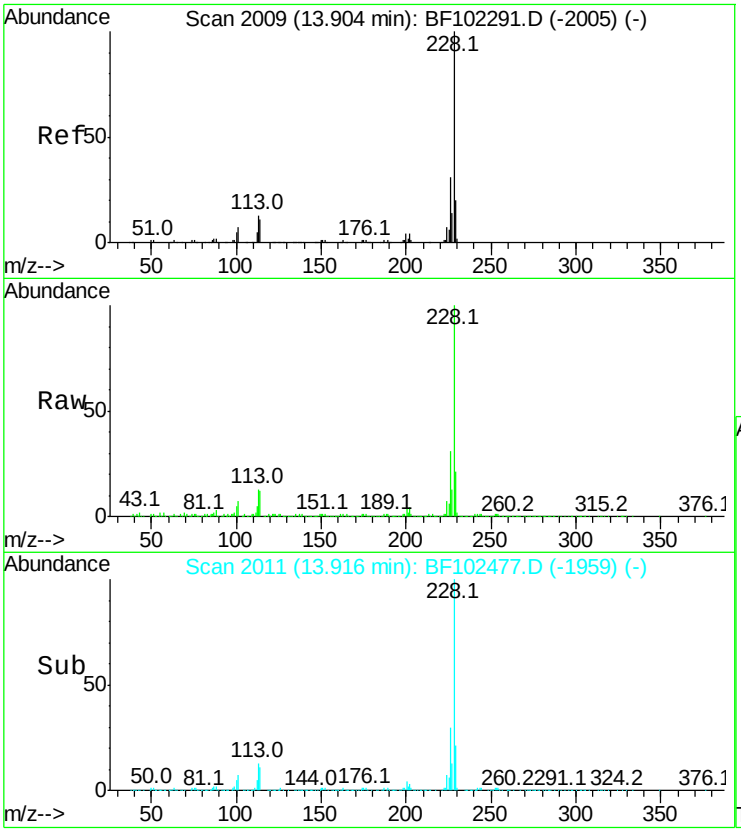


#80
Benzo(a)anthracene
Concen: 27.619 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:228 Resp: 502182

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	21.3	15.8	23.6



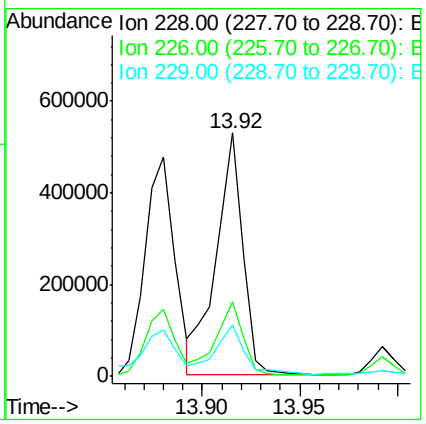


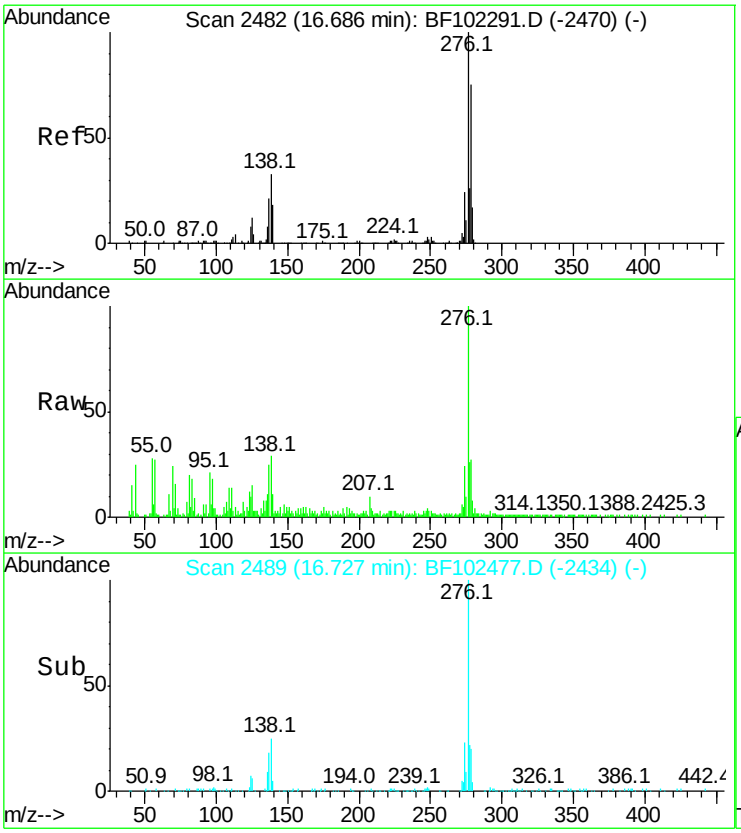
#82
Chrysene
Concen: 27.432 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 506502

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.3	16.2	24.4

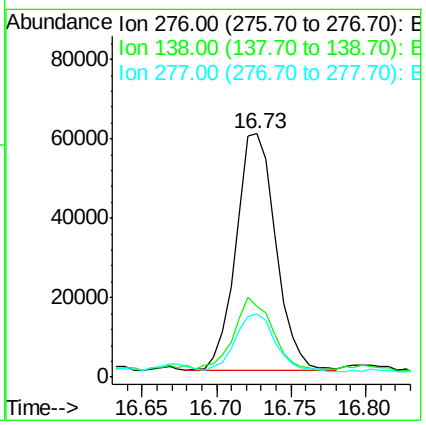


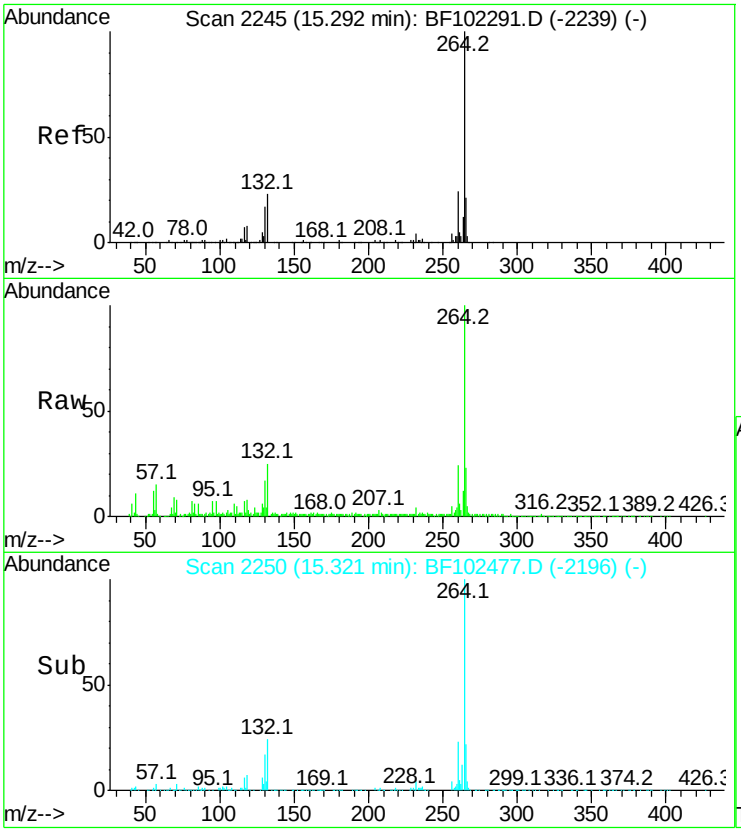


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.240 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:276 Resp: 110398

Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	24.6	20.1	30.1



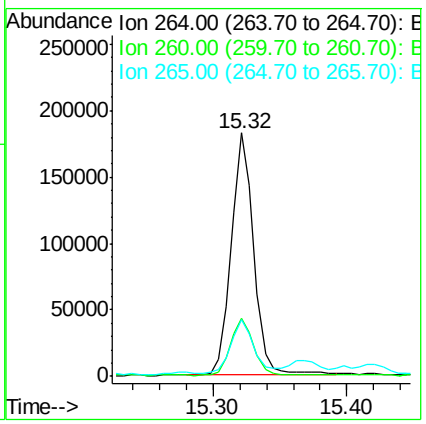


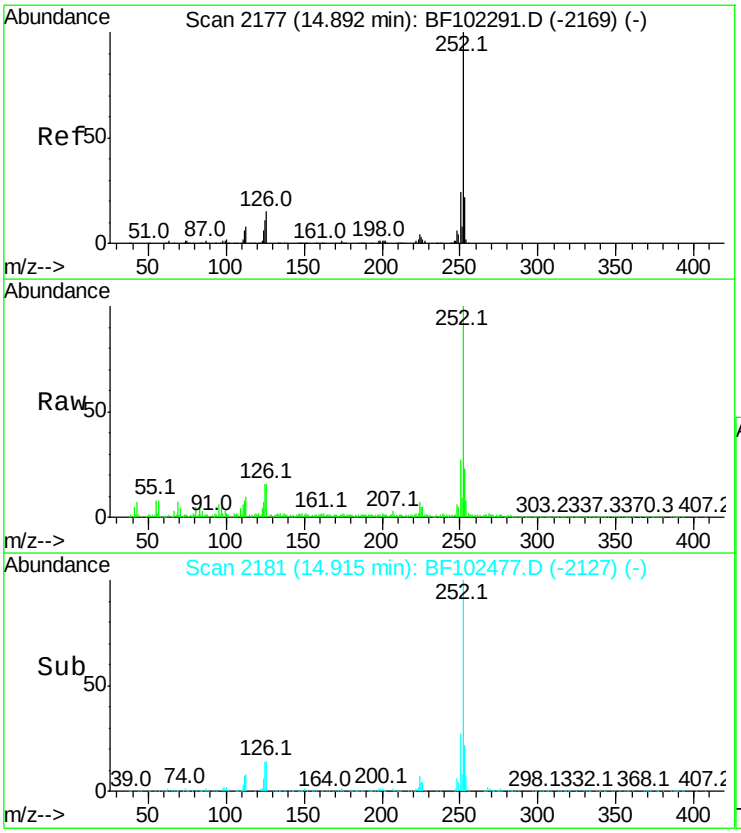
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.02 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 215205

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.2	17.5	26.3

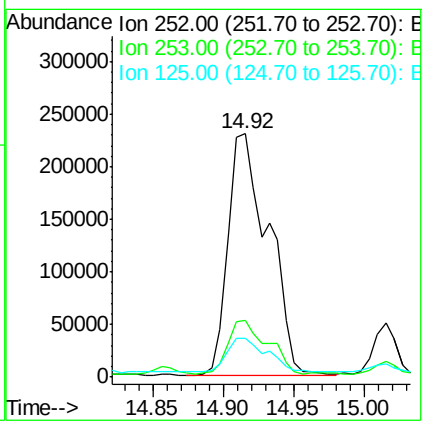


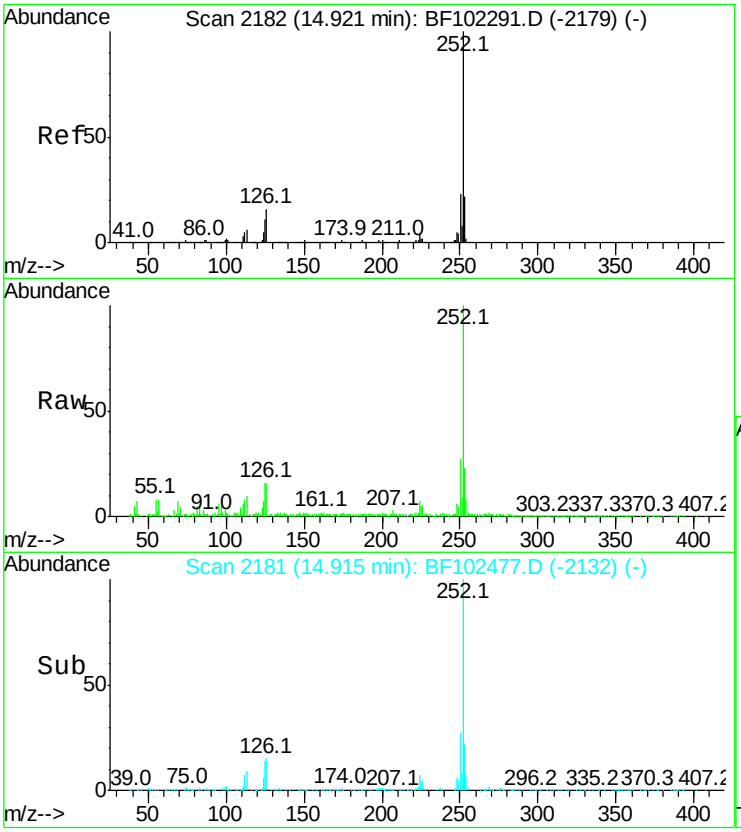


#87
Benzo(b)fluoranthene
Concen: 33.143 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:252 Resp: 462299

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	16.2	9.0	13.6#



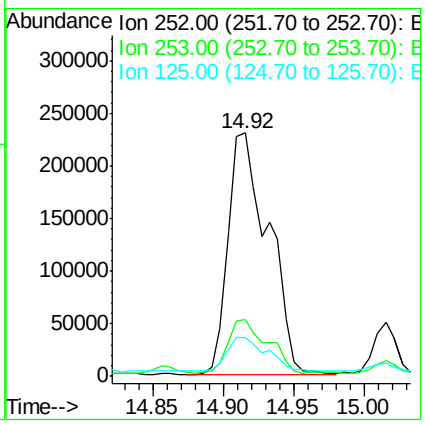


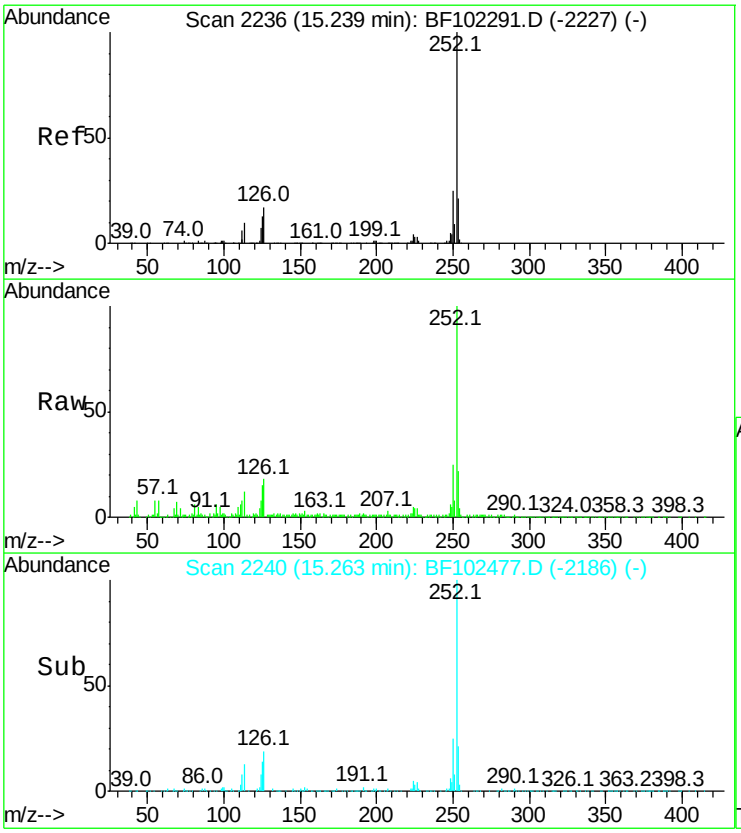
#88
Benzo(k)fluoranthene
Concen: 35.080 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 462299

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	16.2	10.2	15.2#

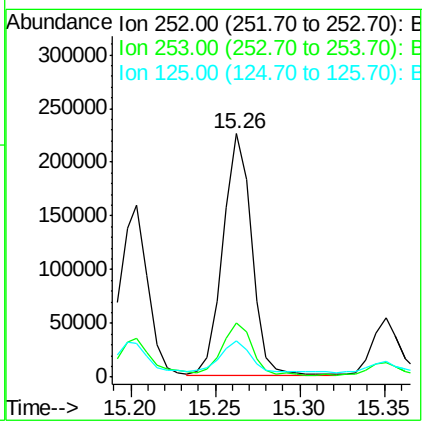


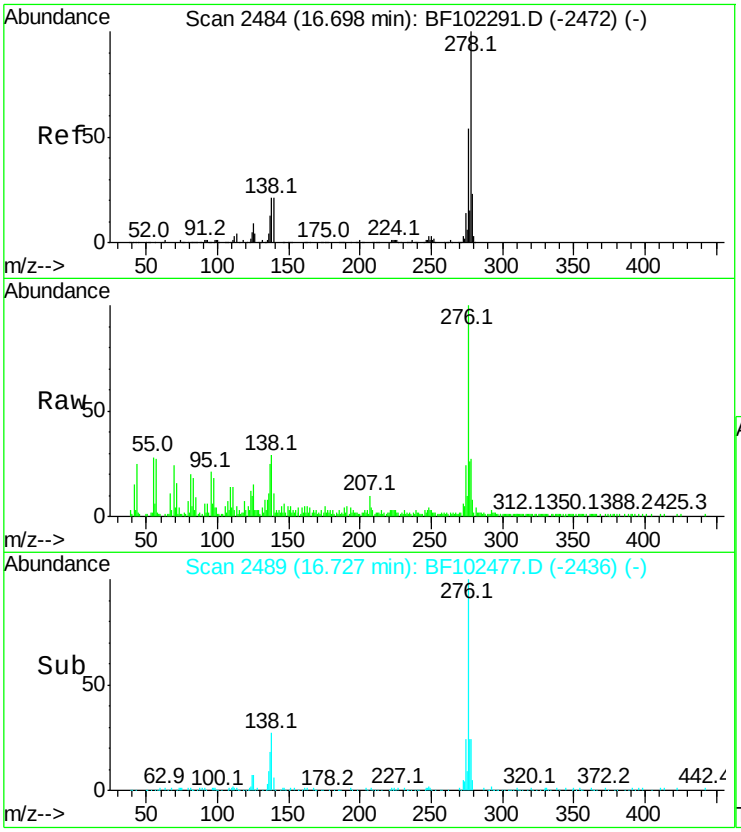


#89
Benzo(a)pyrene
Concen: 21.110 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:252 Resp: 265564

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	15.0	9.8	14.6#



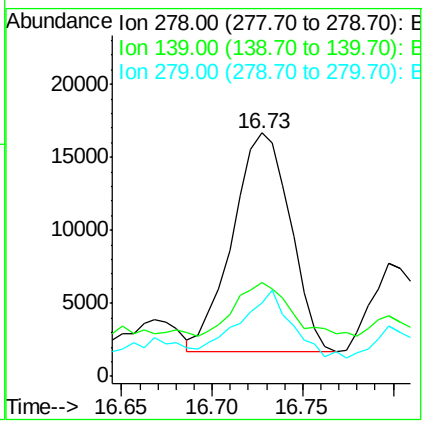


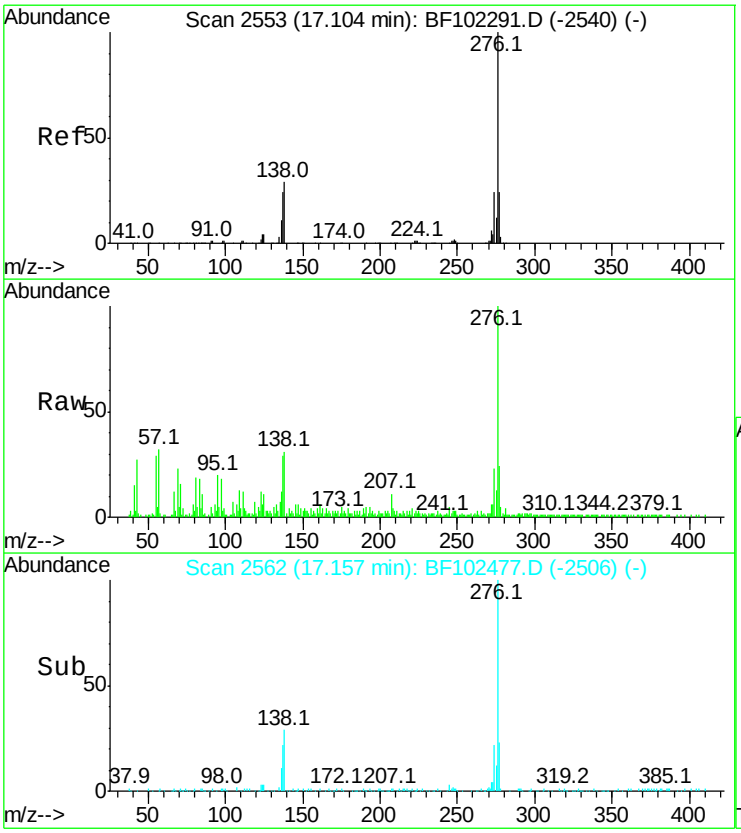
#90
Dibenzo(a,h)anthracene
Concen: 3.253 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 33153

Ion	Ratio	Lower	Upper
278	100		
139	38.7	15.9	23.9#
279	30.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 11.909 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.03 min
Lab File: BF102477.D
Acq: 26 Jan 2018 19:09

Tgt Ion:276 Resp: 119823

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	30.7	21.8	32.8