Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111837.D
Acq On : 3 Jan 2019 22:38
Operator : JU/SJ
Sample : K1016-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 04 01:35:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	251152	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	945800	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	426760	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	617242	20.00	ng		0.01
76) Chrysene-d12	14.07	240	485027	20.00	ng		0.02
87) Perylene-d12	15.56	264	326874	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	590100	40.05	ng		0.01
7) Phenol-d6	6.54	99	794060	42.35	ng		0.02
23) Nitrobenzene-d5	7.46	82	469766	28.91	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	145676	28.89	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	922323	31.50	ng		0.00
79) Terphenyl-d14	13.02	244	672709	26.30	ng		0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	65785	5.283	ng	#	78
25) Isophorone	7.46	82	465154	16.125	ng	#	64
31) Naphthalene	8.20	128	145409	3.200	ng		97
37) 2-Methylnaphthalene	8.90	142	70398	2.381	ng		98
38) 1-Methylnaphthalene	9.00	142	64709	2.279	ng		99
49) Acenaphthylene	9.80	152	83851	2.012	ng		96
50) Dimethylphthalate	9.65	163	128761	4.126	ng		96
52) Acenaphthene	9.97	154	66457	2.586	ng		93
54) 2,4-Dinitrophenol	9.98	184	987	7.756	ng	#	1
55) Dibenzofuran	10.15	168	79303	2.042	ng		95
58) Fluorene	10.49	166	137606	4.918	ng		100
65) 4,6-Dinitro-2-methylphenol	10.73	198	409	6.831	ng	#	1
71) Phenanthrene	11.45	178	914116	27.925	ng		95
72) Anthracene	11.50	178	208579	6.348	ng		94
73) Carbazole	11.66	167	84926	2.662	ng		95
75) Fluoranthene	12.65	202	1158229	34.941	ng		97
78) Pyrene	12.89	202	1246900	36.404	ng		96
81) Benzo(a)anthracene	14.06	228	525224	18.975	ng		96
83) Chrysene	14.10	228	558152	20.516	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	192280	8.314	ng	#	84
88) Benzo(b)fluoranthene	15.12	252	611127	31.990	ng		98
89) Benzo(k)fluoranthene	15.12	252	611127	33.602	ng		99
90) Benzo(a)pyrene	15.43	252	232628	13.403	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	40143	2.641	ng		92
92) Benzo(g,h,i)perylene	17.52	276	191888	12.930	ng	#	89

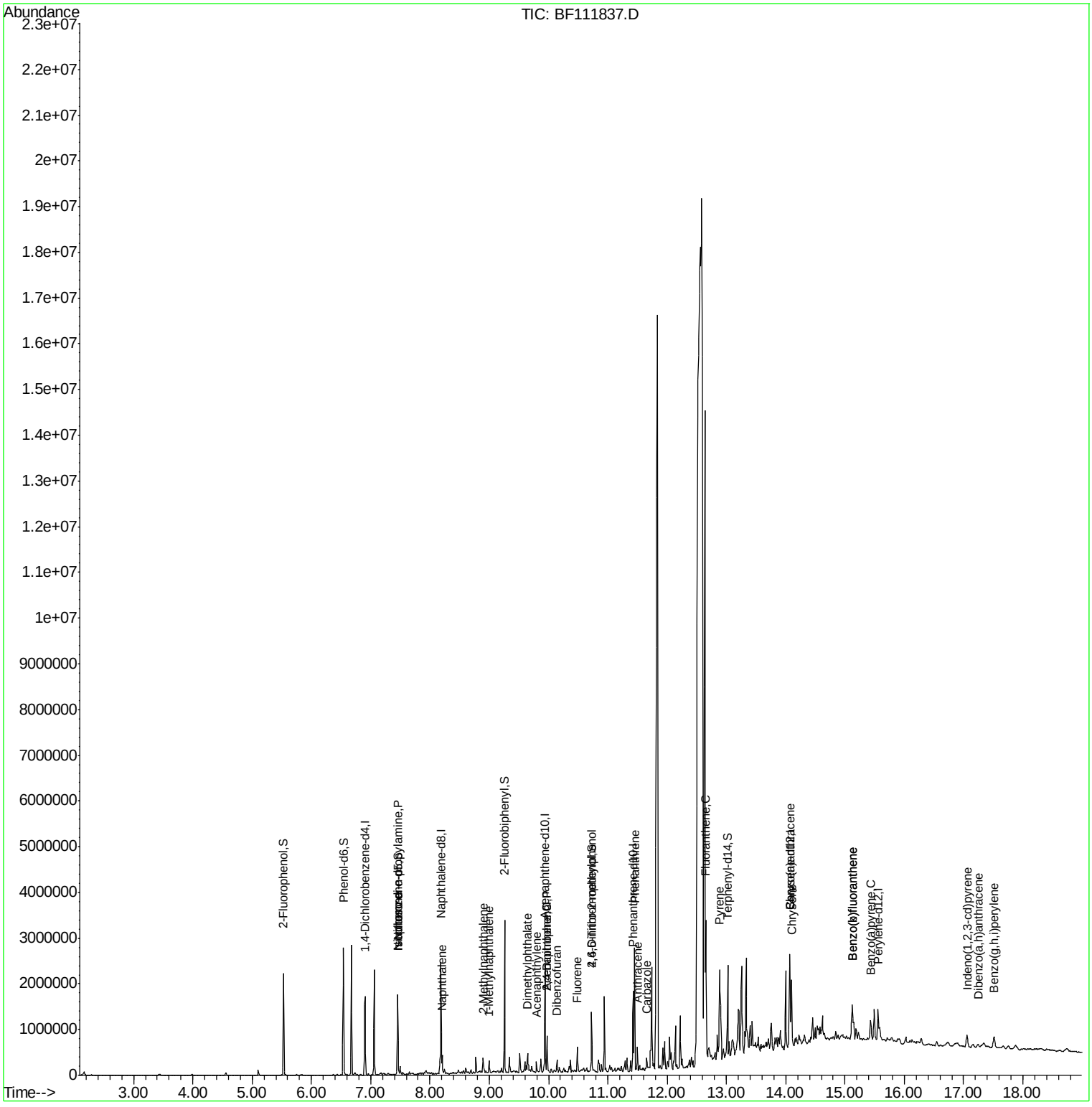
(#) = qualifier out of range (m) = manual integration (+) = signals summed

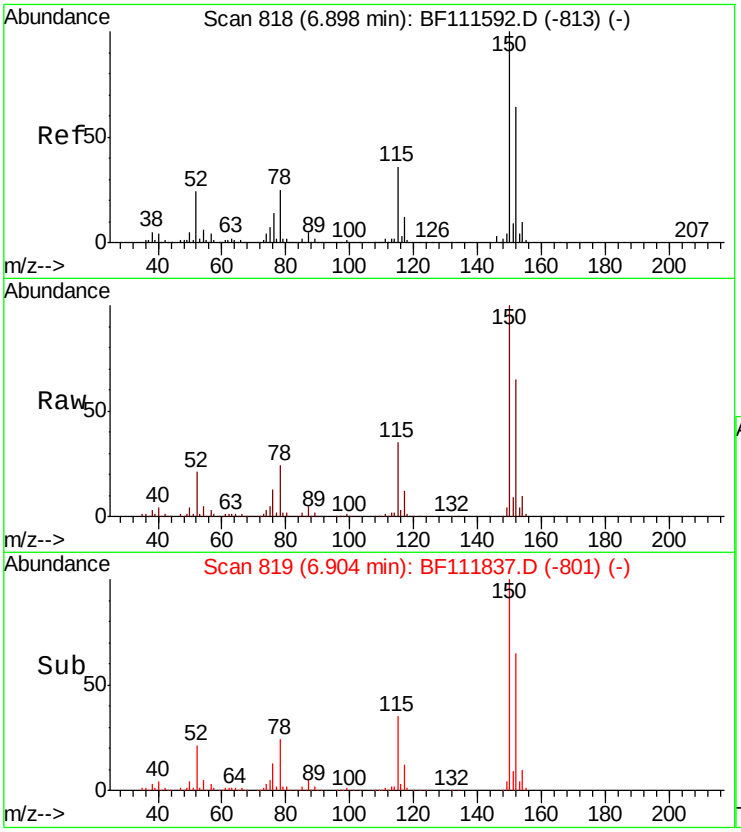
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111837.D
Acq On : 3 Jan 2019 22:38
Operator : JU/SJ
Sample : K1016-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 04 01:35:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



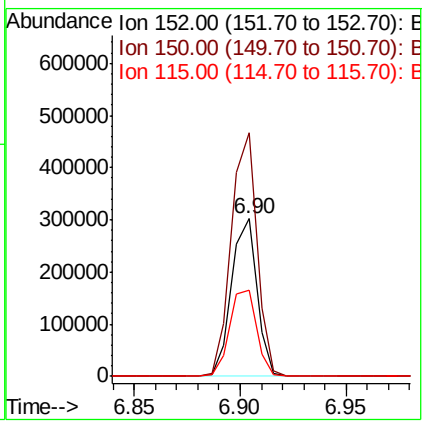


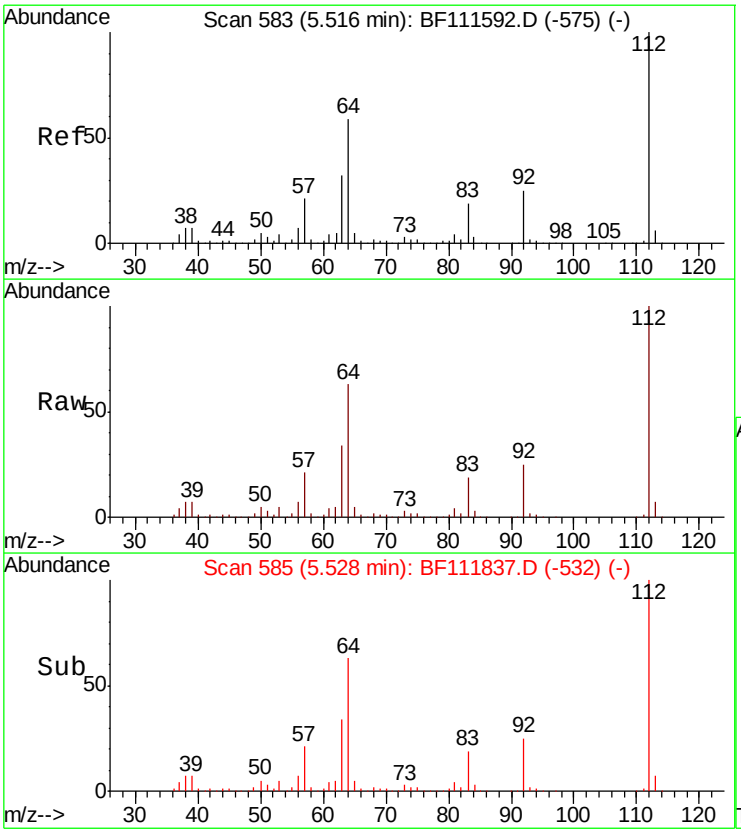
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 251152

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	54.8	50.7	76.1

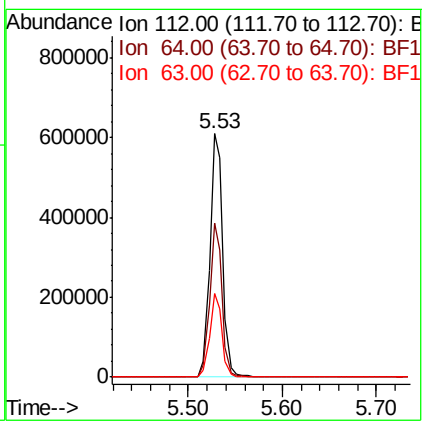


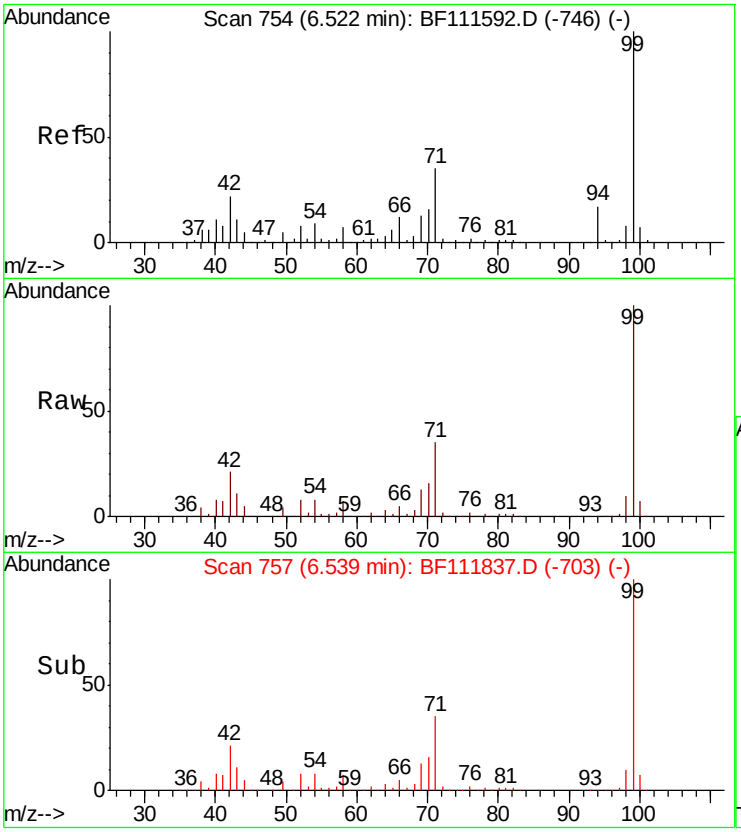


#5
2-Fluorophenol
Concen: 40.049 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:112 Resp: 590100

Ion	Ratio	Lower	Upper
112	100		
64	63.5	51.8	77.6
63	34.1	26.8	40.2



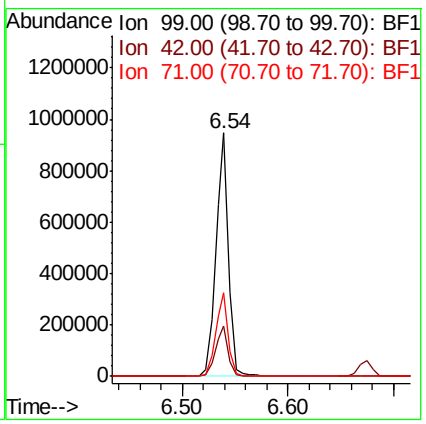


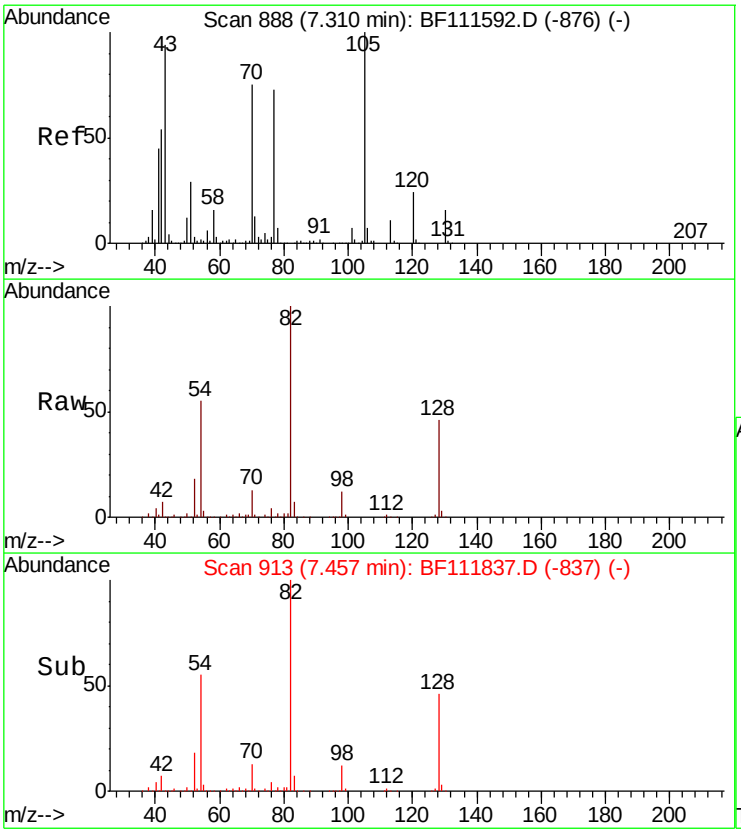
#7
Phenol-d6
Concen: 42.346 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 794060

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.4	26.0
71	34.6	26.1	39.1

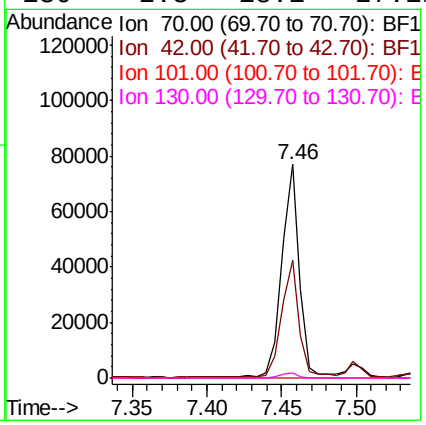


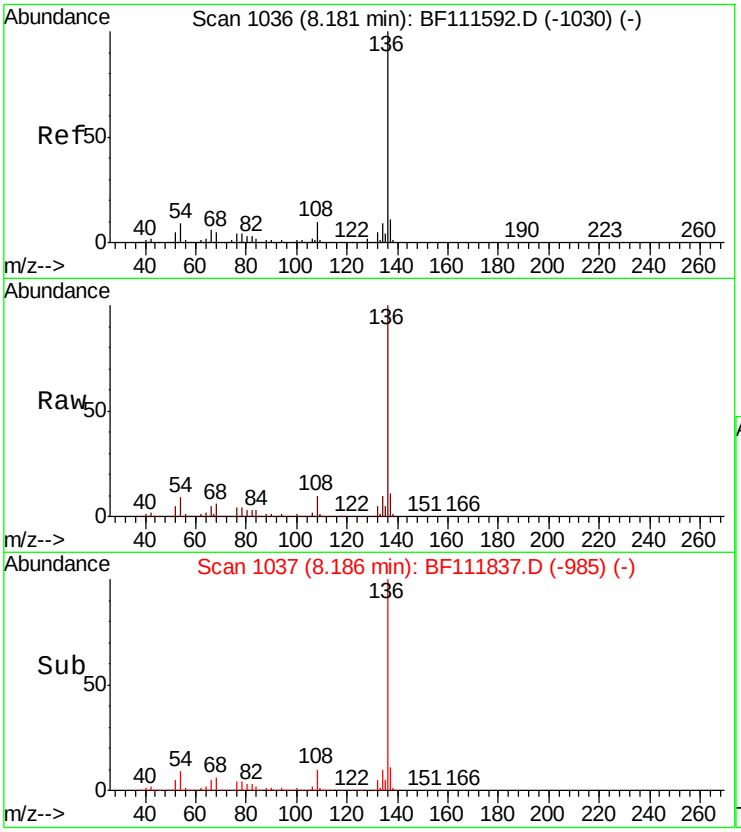


#19
n-Nitroso-di-n-propylamine
Concen: 5.283 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion: 70 Resp: 65785

Ion	Ratio	Lower	Upper
70	100		
42	55.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



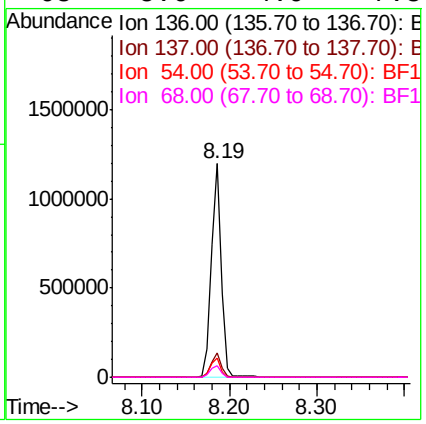


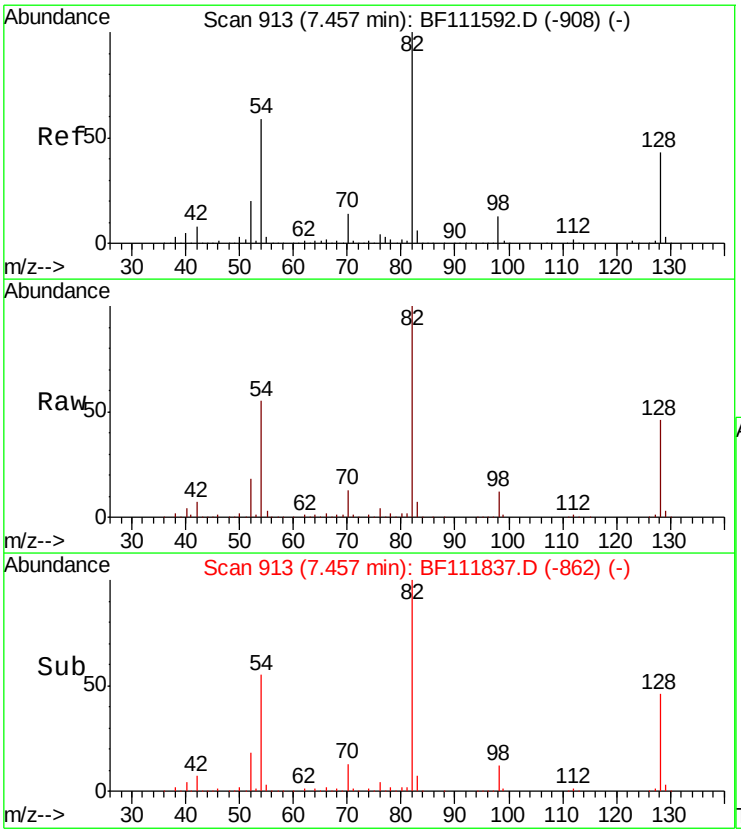
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 945800

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.8	7.7	11.5
68	5.6	4.9	7.3

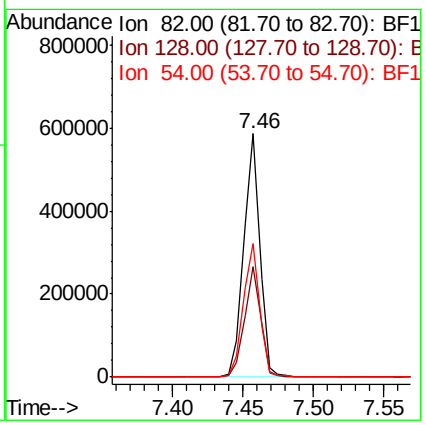


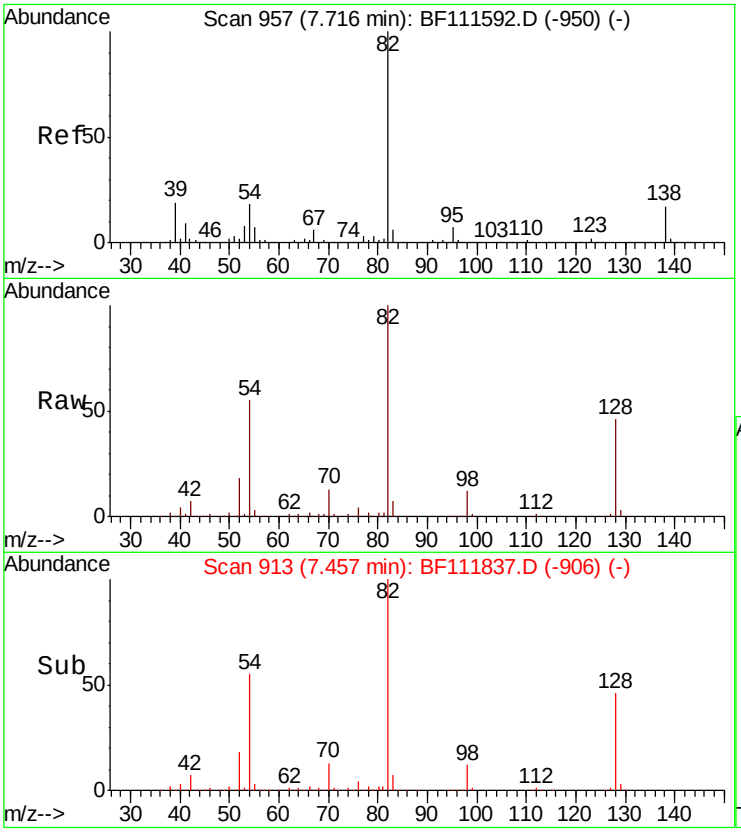


#23
Nitrobenzene-d5
Concen: 28.911 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion: 82 Resp: 469766

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.4	56.2
54	55.1	47.6	71.4



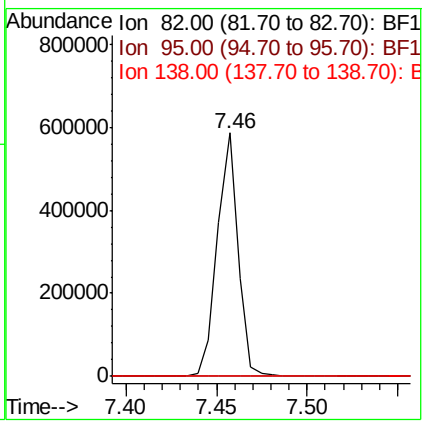


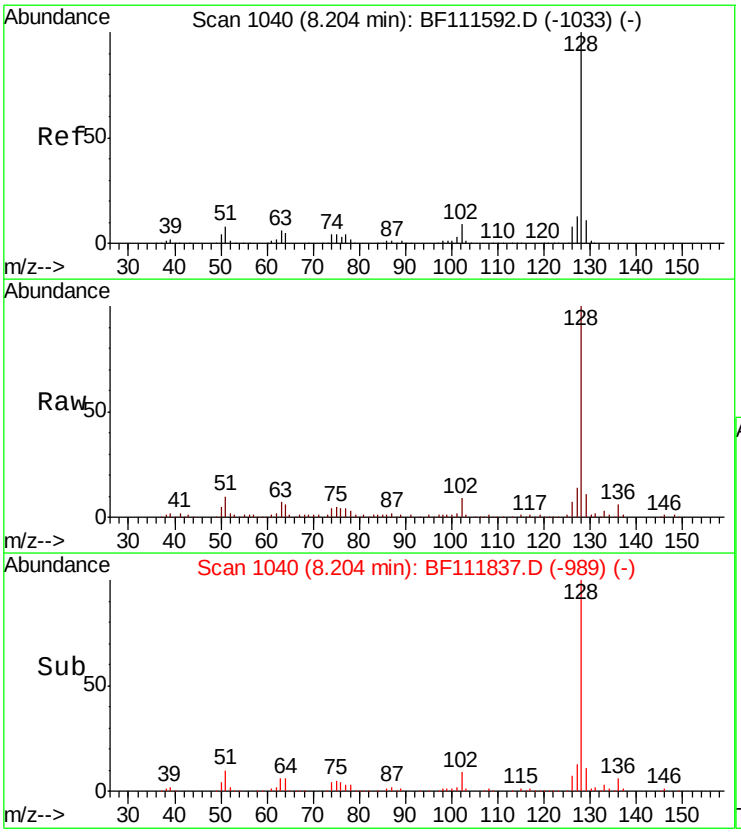
#25
Isophorone
Concen: 16.125 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 465154

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	15.1	22.7#

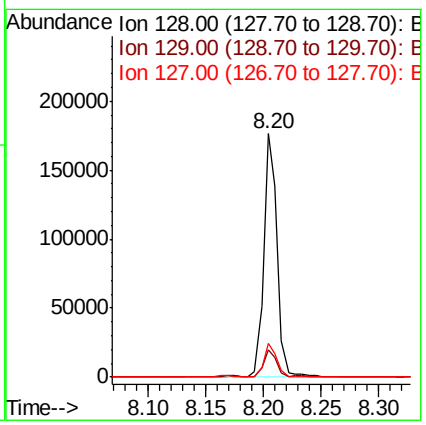


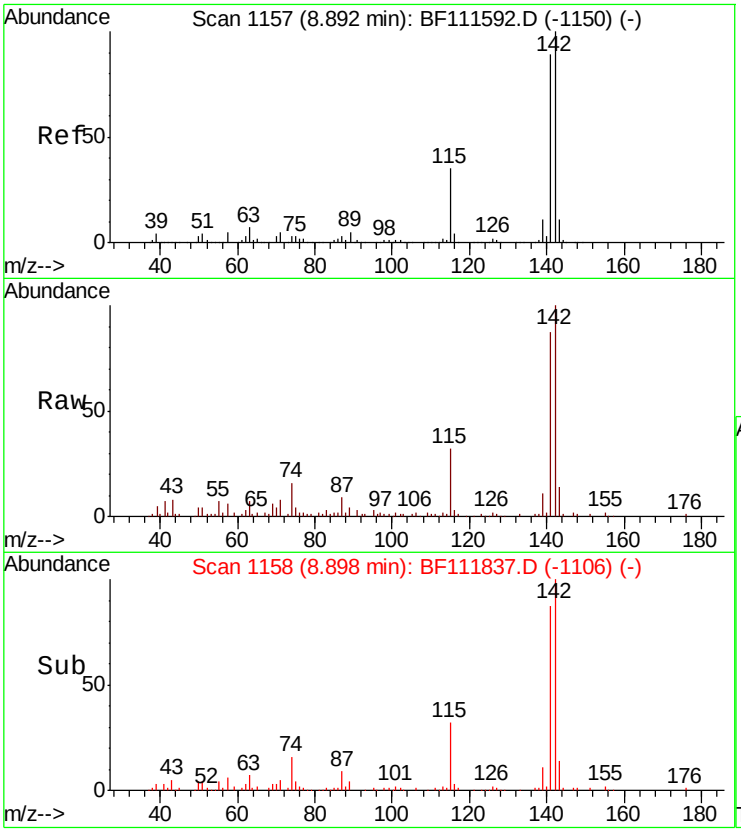


#31
Naphthalene
Concen: 3.200 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:128 Resp: 145409

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.8
127	13.6	12.0	18.0



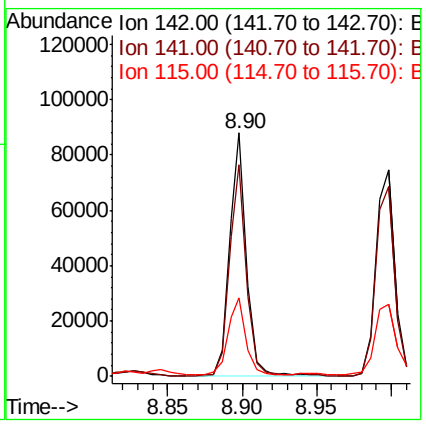


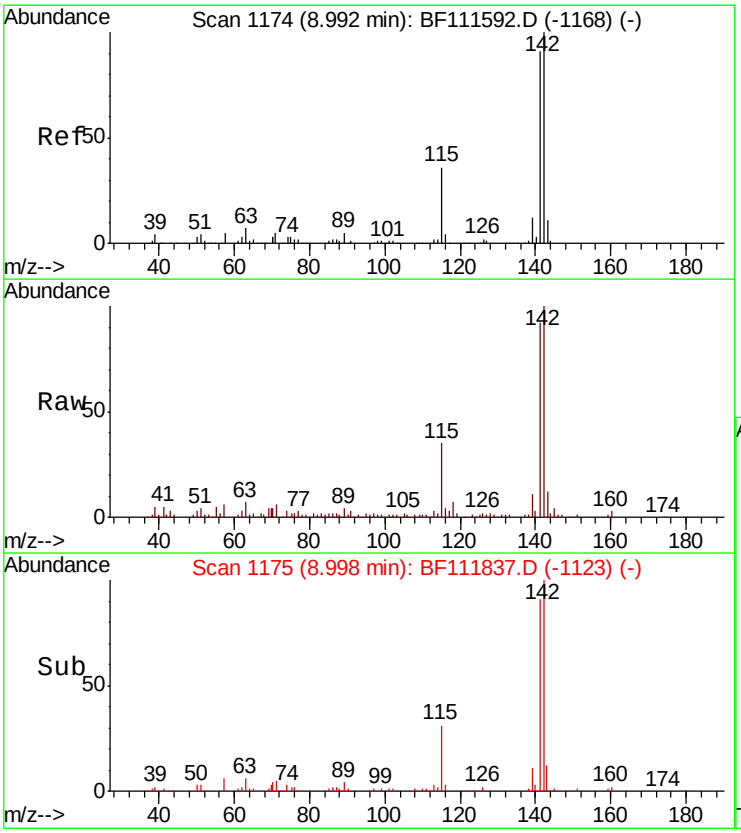
#37
2-Methylnaphthalene
Concen: 2.381 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 70398

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.6	105.8
115	32.2	27.0	40.6

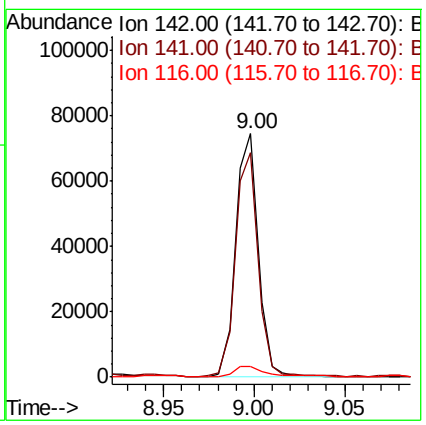


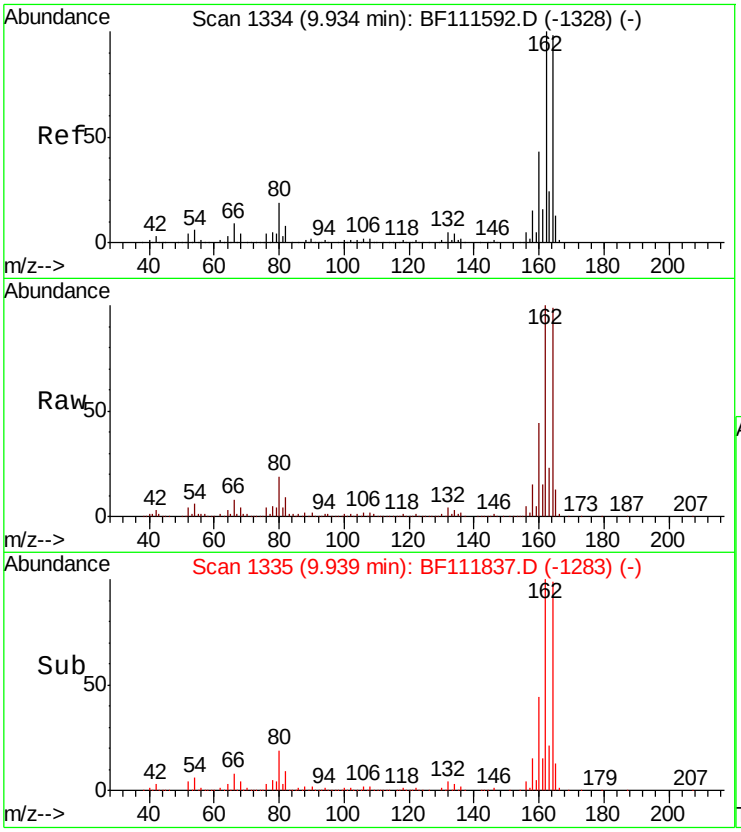


#38
1-Methylnaphthalene
Concen: 2.279 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:142 Resp: 64709

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	4.2	2.9	4.3



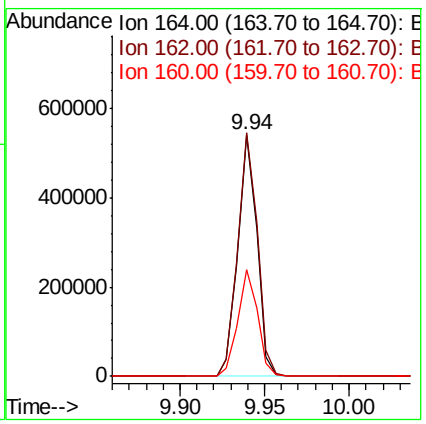


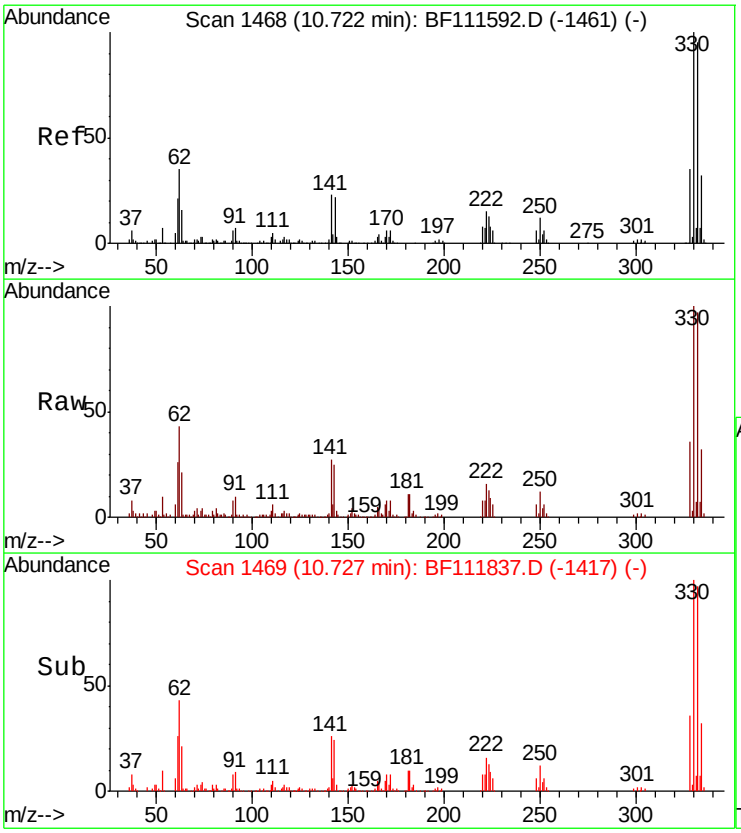
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 426760

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	44.2	35.7	53.5

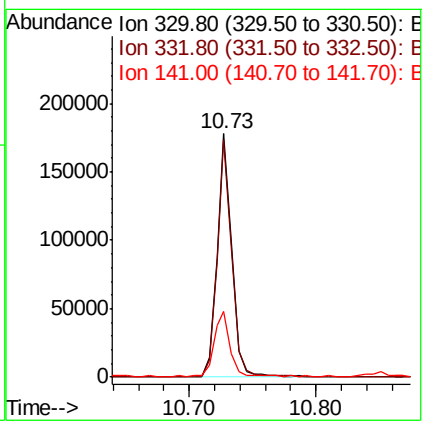


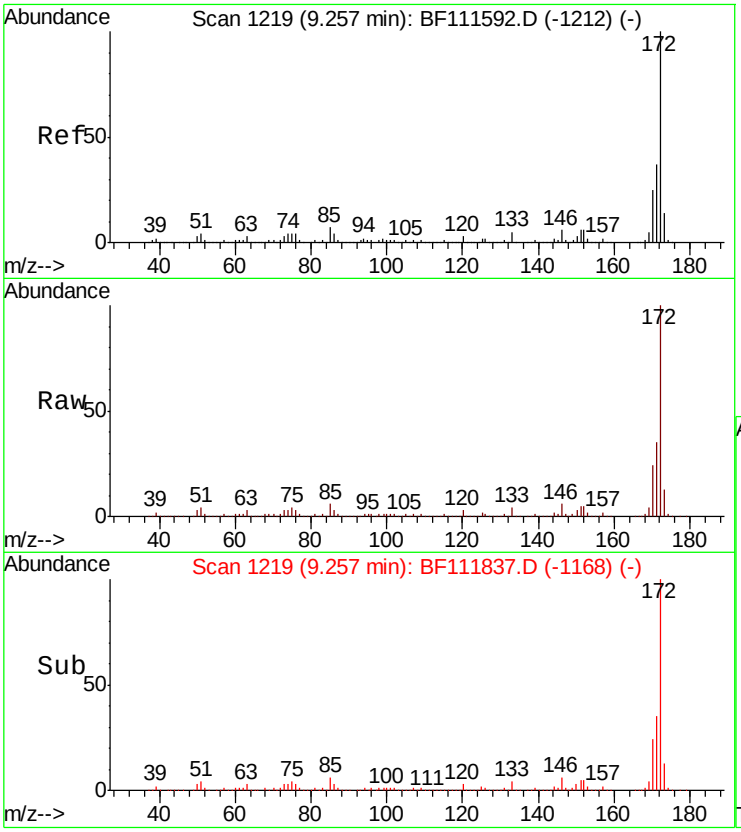


#42
2,4,6-Tribromophenol
Concen: 28.890 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:330 Resp: 145676

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	29.3	31.0	46.6#



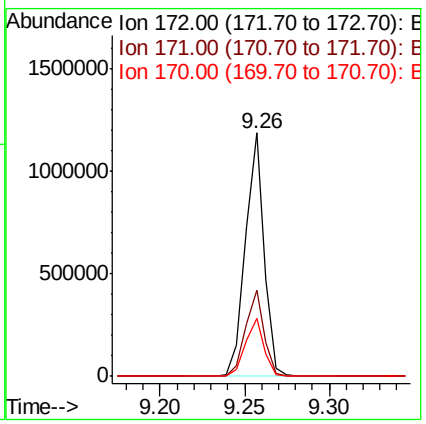


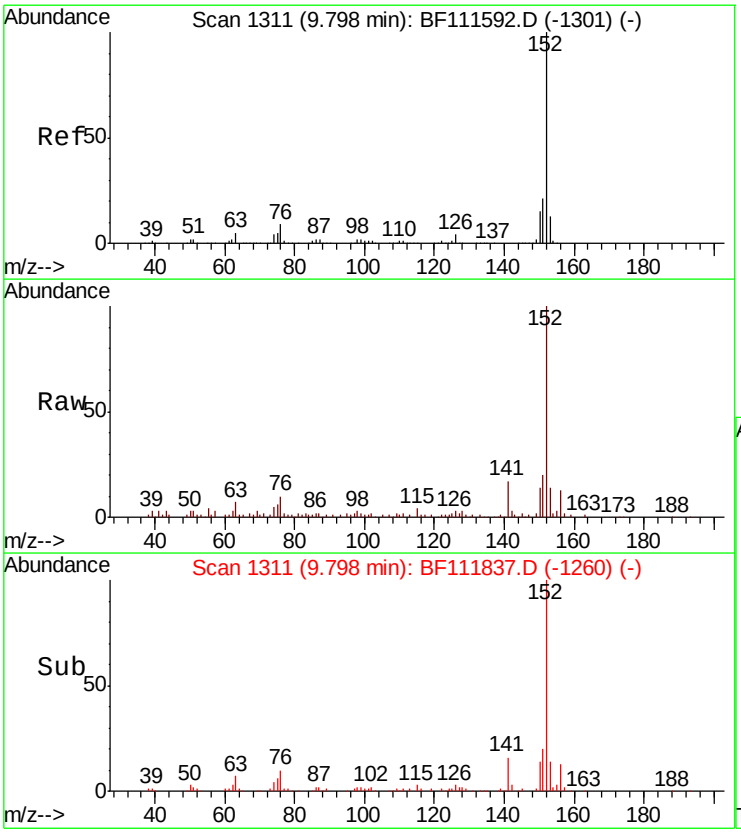
#45
2-Fluorobiphenyl
Concen: 31.501 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 922323

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	24.0	22.3	33.5

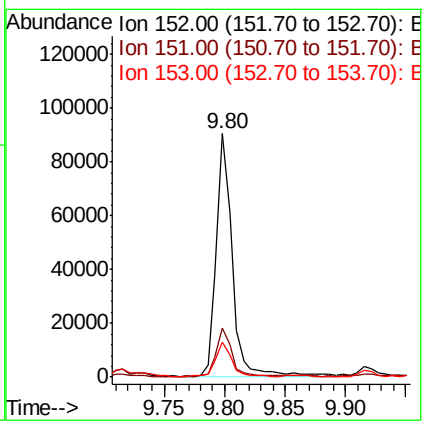


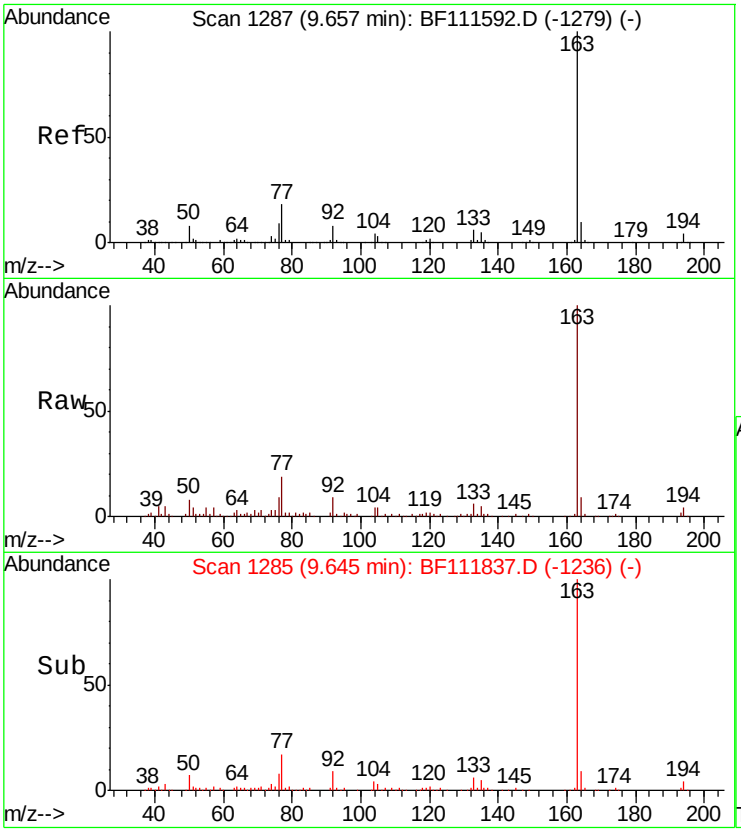


#49
Acenaphthylene
Concen: 2.012 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:152 Resp: 83851

Ion	Ratio	Lower	Upper
152	100		
151	19.9	18.0	27.0
153	14.5	12.3	18.5



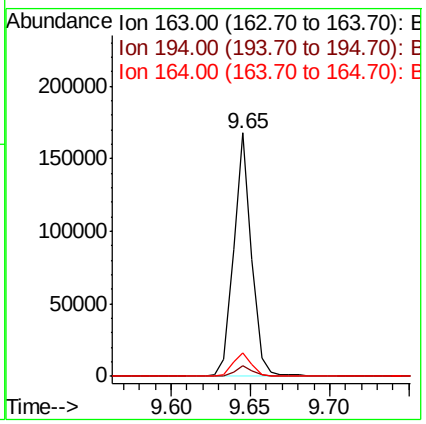


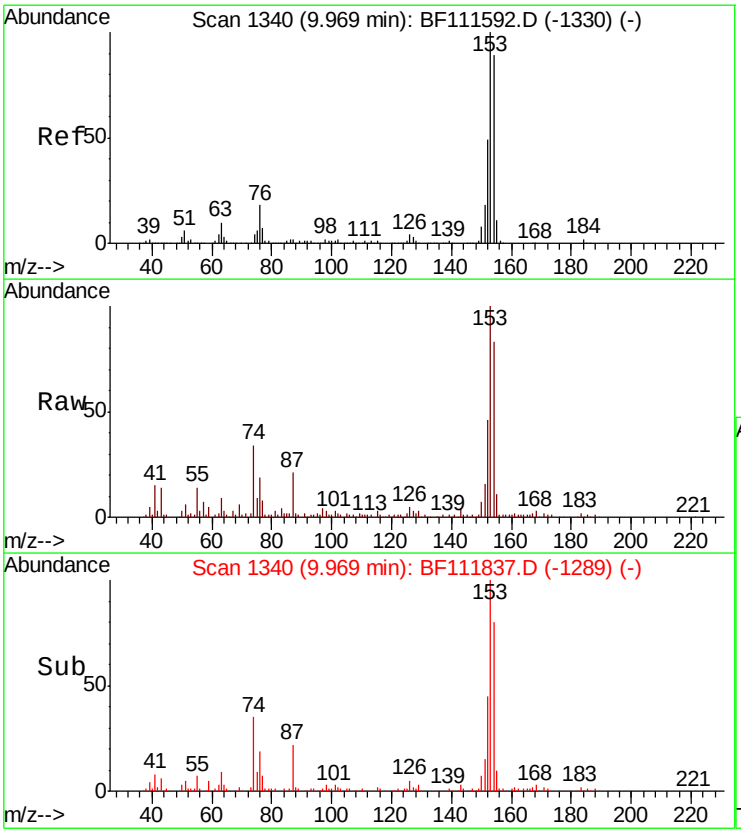
#50
Dimethylphthalate
Concen: 4.126 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 128761

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.5	8.9	13.3

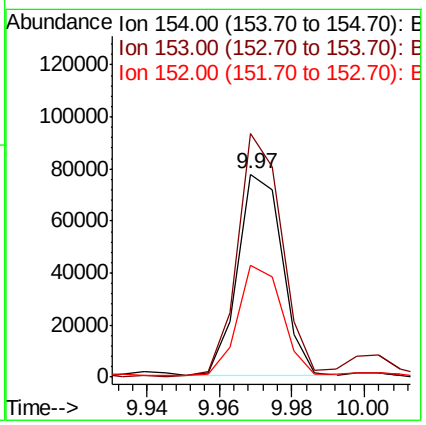


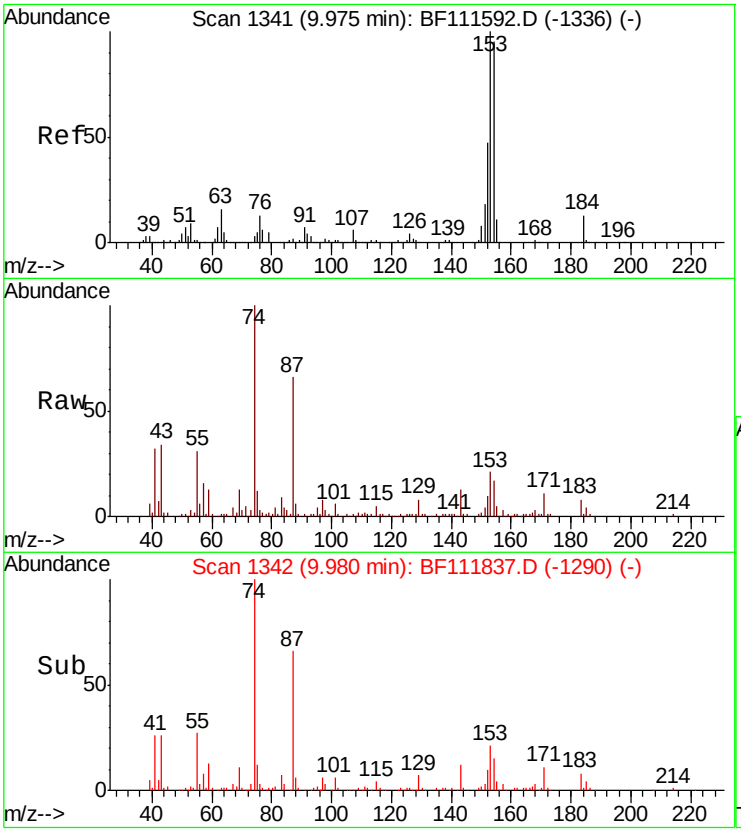


#52
Acenaphthene
Concen: 2.586 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:154 Resp: 66457

Ion	Ratio	Lower	Upper
154	100		
153	120.0	87.8	131.8
152	55.2	43.4	65.2



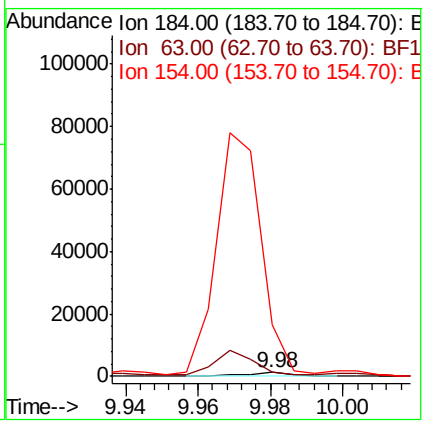


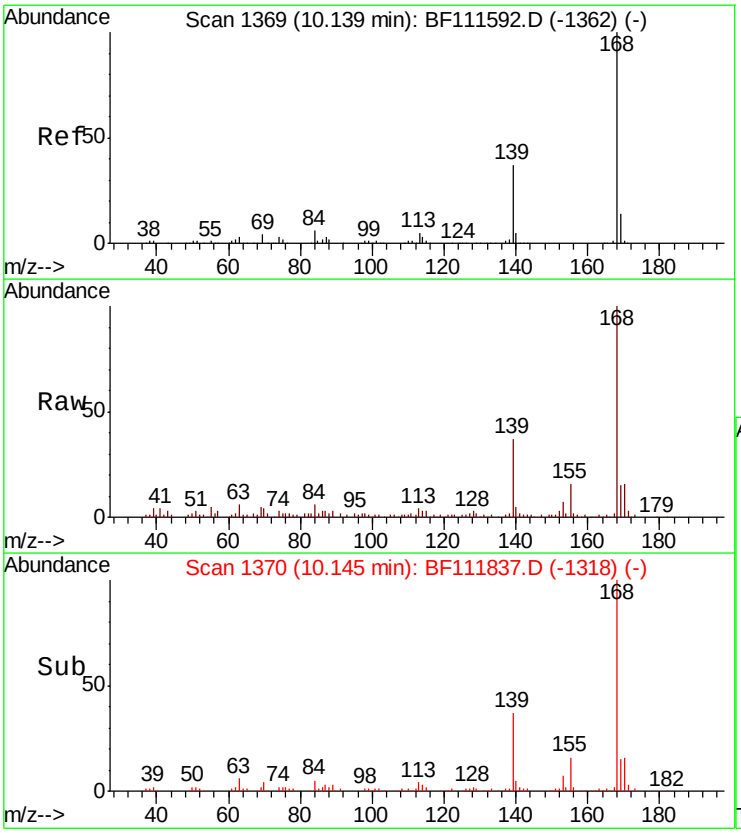
#54
2,4-Dinitrophenol
Concen: 7.756 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 987

Ion	Ratio	Lower	Upper
184	100		
63	113.3	62.3	93.5#
154	1286.1	56.2	84.2#

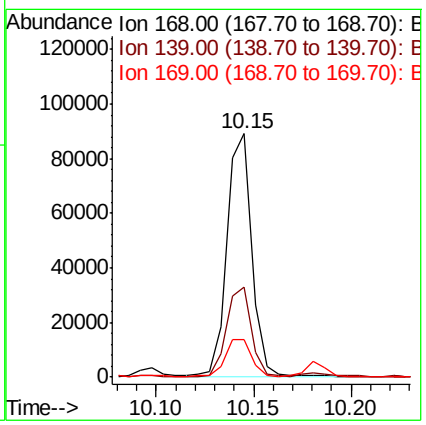


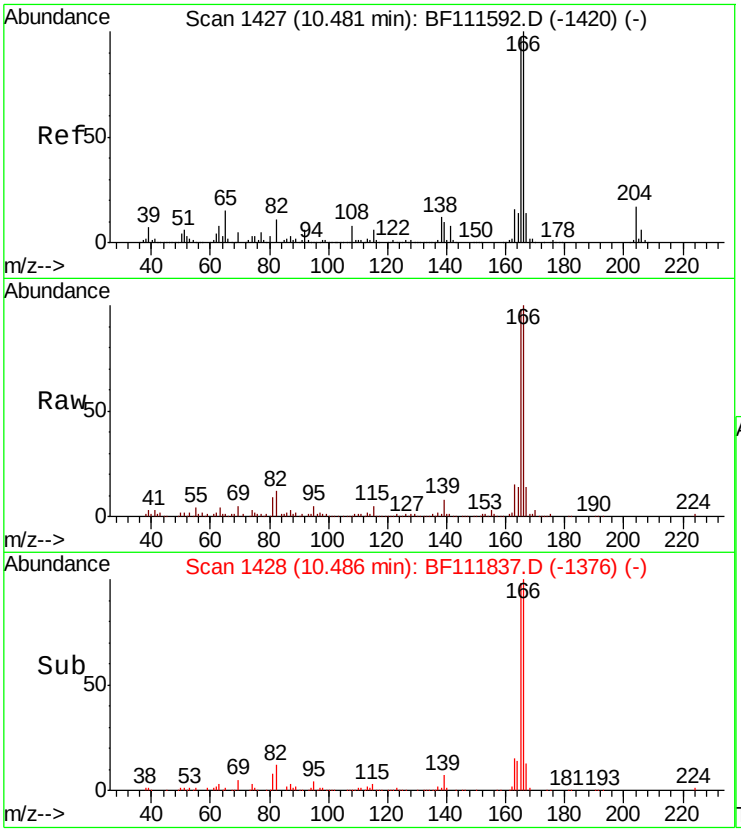


#55
Dibenzofuran
Concen: 2.042 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:168 Resp: 79303

Ion	Ratio	Lower	Upper
168	100		
139	37.1	32.6	49.0
169	15.2	11.8	17.6



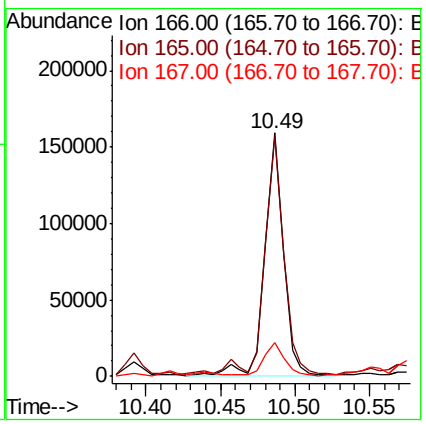


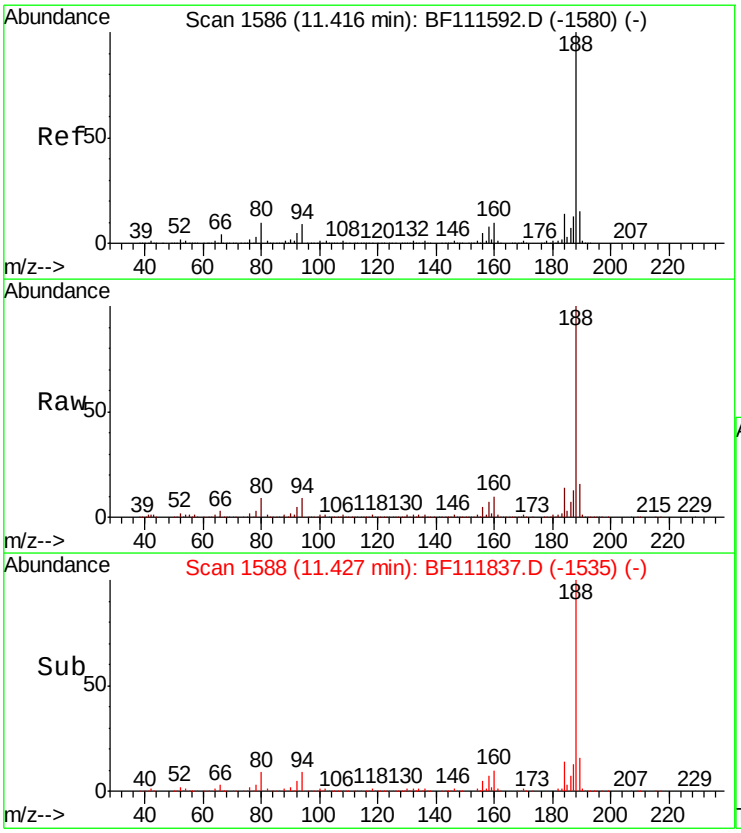
#58
Fluorene
Concen: 4.918 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 137606

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.6	11.2	16.8

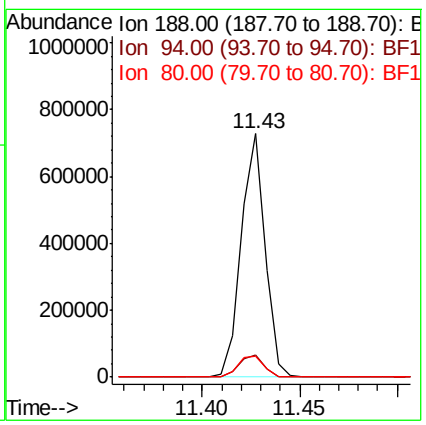


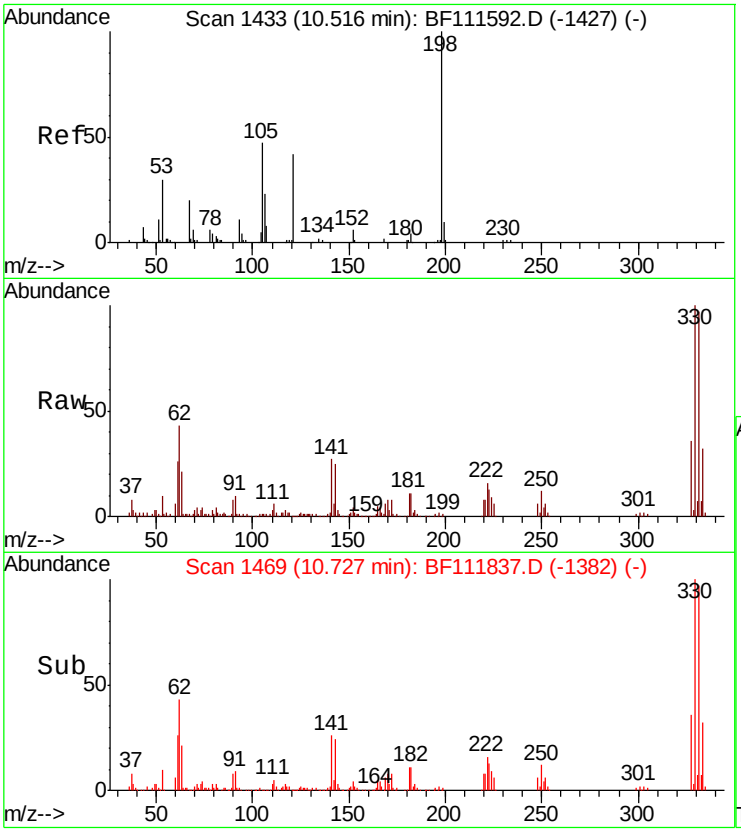


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:188 Resp: 617242

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	8.8	9.8	14.6#



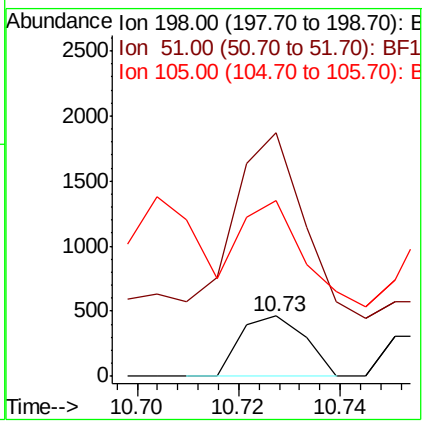


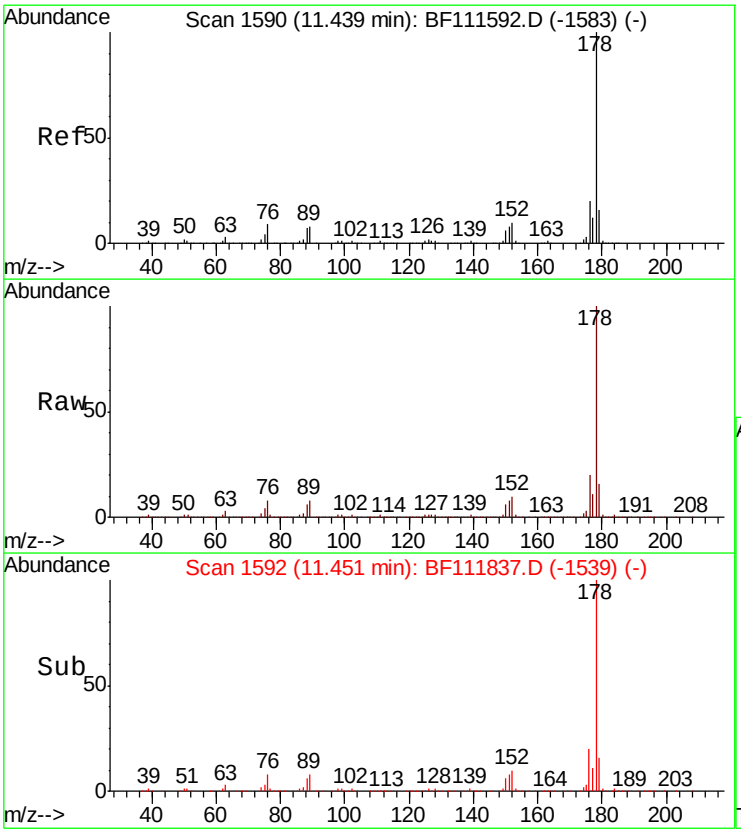
#65
4,6-Dinitro-2-methylphenol
Concen: 6.831 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 409

Ion	Ratio	Lower	Upper
198	100		
51	405.0	48.0	88.0#
105	293.1	34.0	74.0#

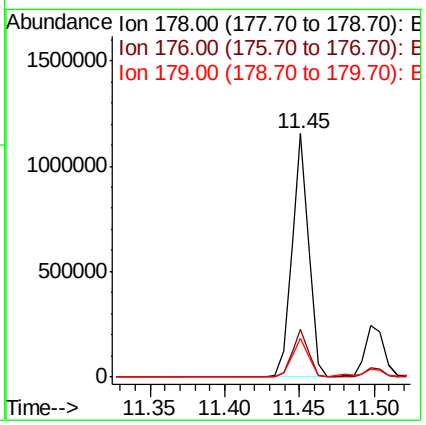


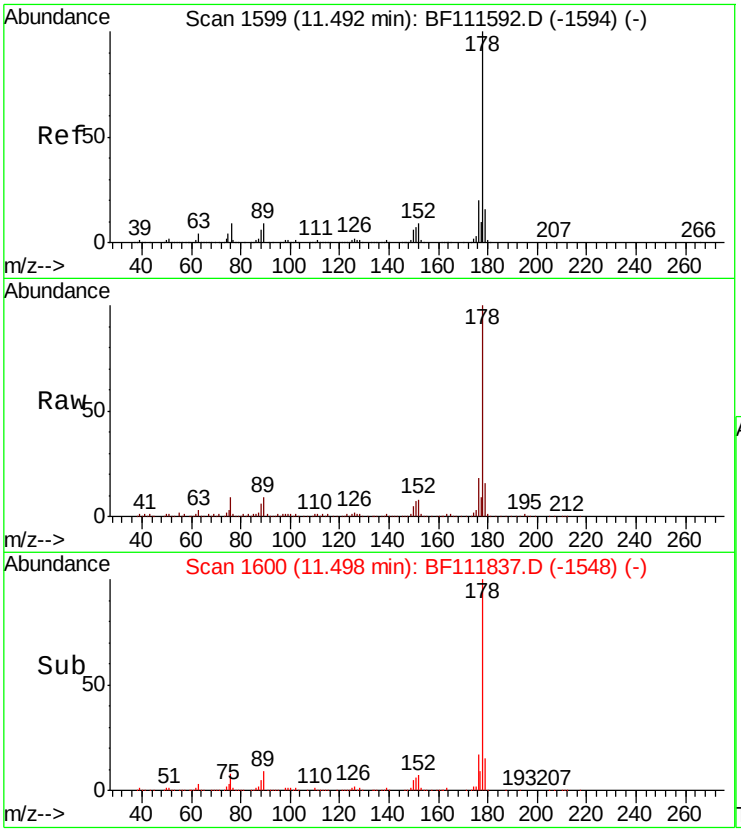


#71
Phenanthrene
Concen: 27.925 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:178 Resp: 914116

Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.1	27.1
179	16.0	14.0	21.0



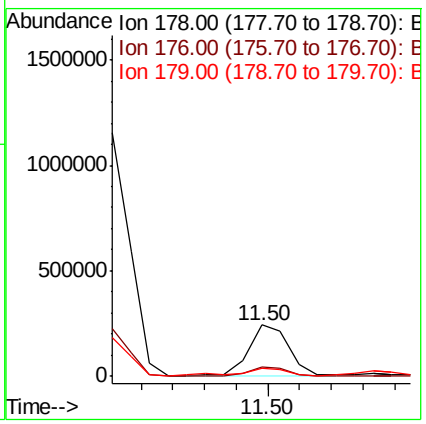


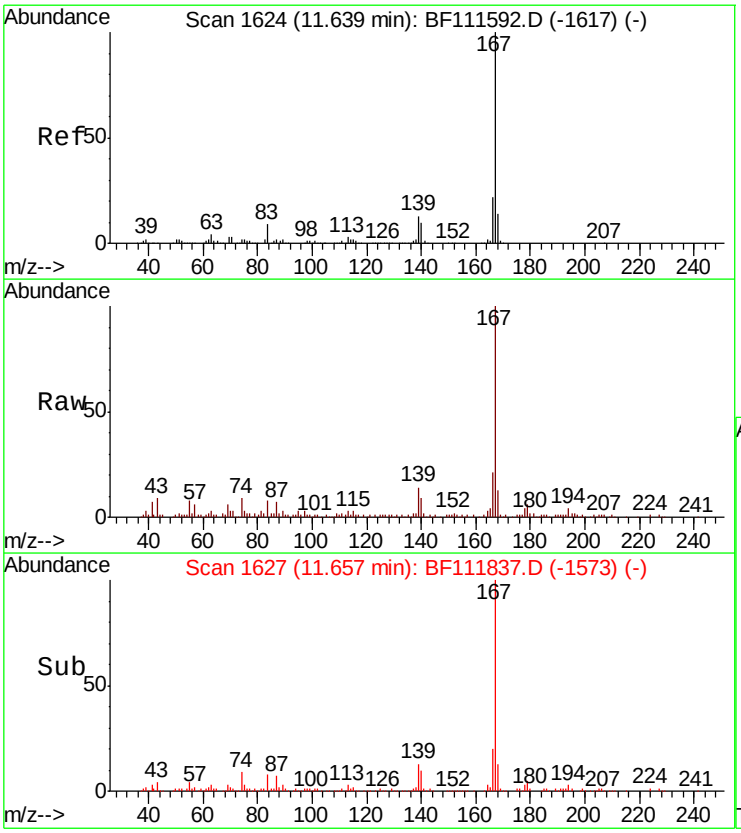
#72
Anthracene
Concen: 6.348 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 208579

Ion	Ratio	Lower	Upper
178	100		
176	17.6	17.2	25.8
179	15.6	13.8	20.8

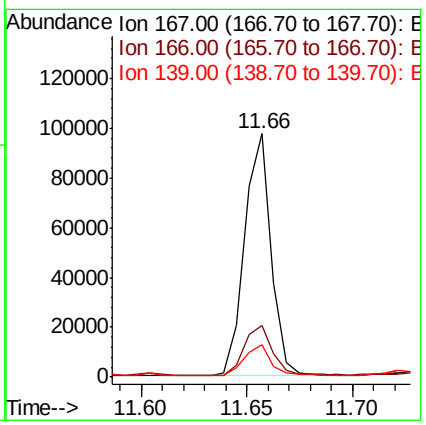


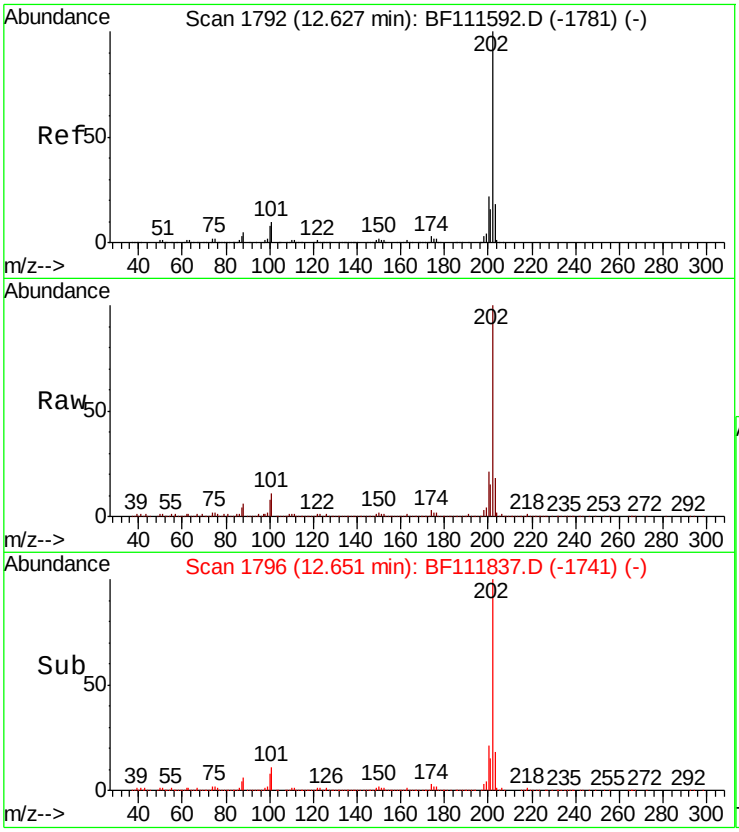


#73
Carbazole
Concen: 2.662 ng
RT: 11.66 min Scan# 1627
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:167 Resp: 84926

Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.3	28.9
139	13.5	11.9	17.9



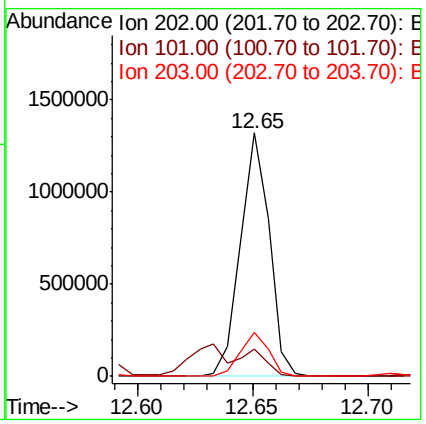


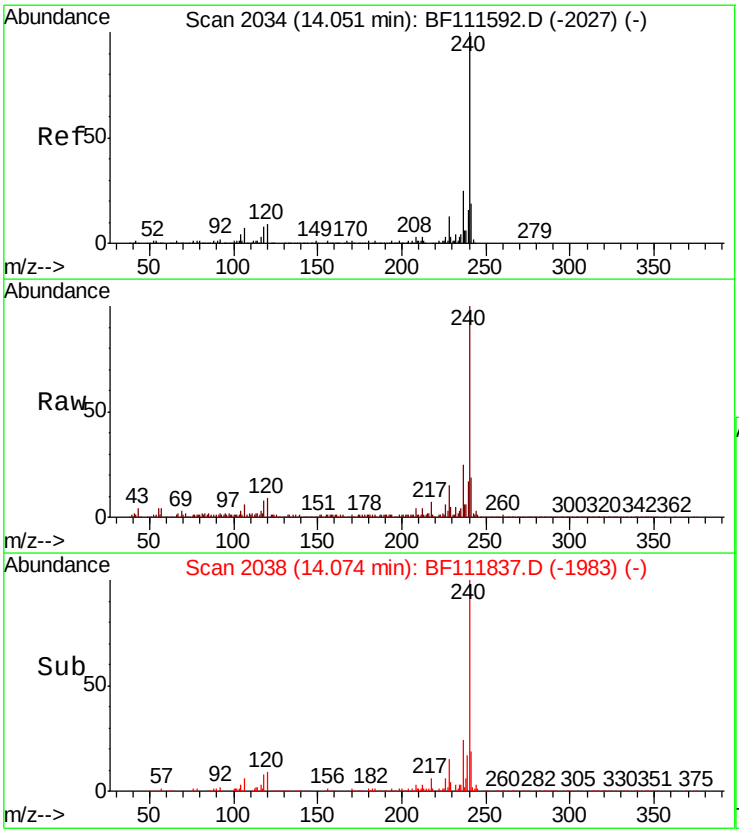
#75
Fluoranthene
Concen: 34.941 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1158229

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	18.3	0.0	38.6

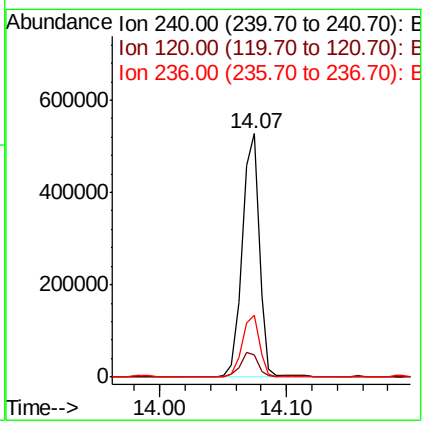


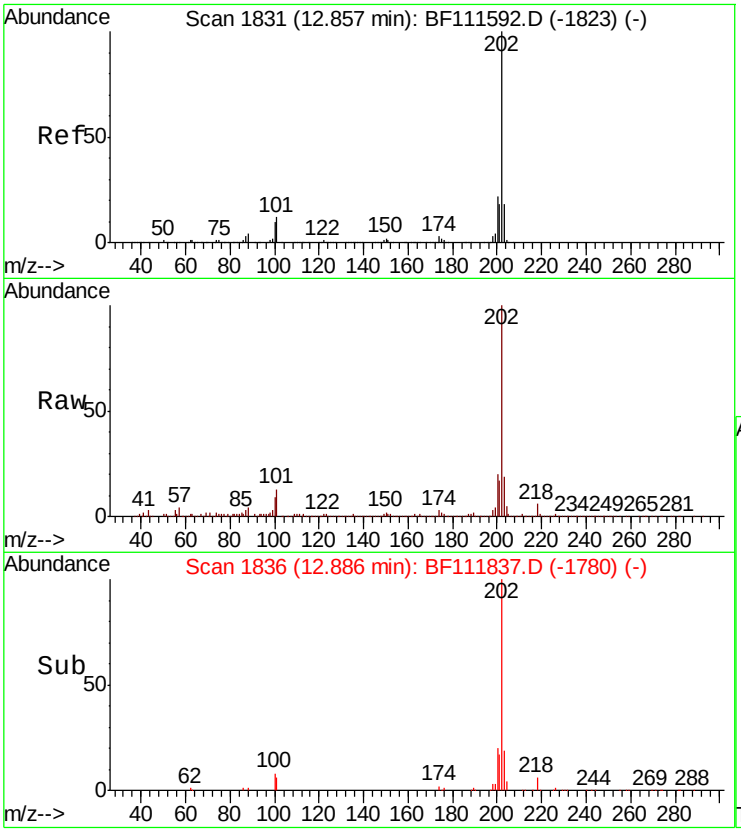


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:240 Resp: 485027

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.2	18.2#
236	25.3	20.2	30.2



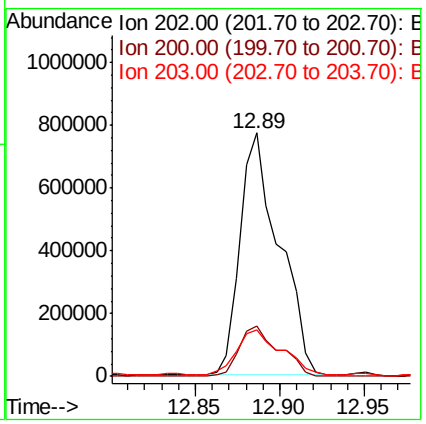


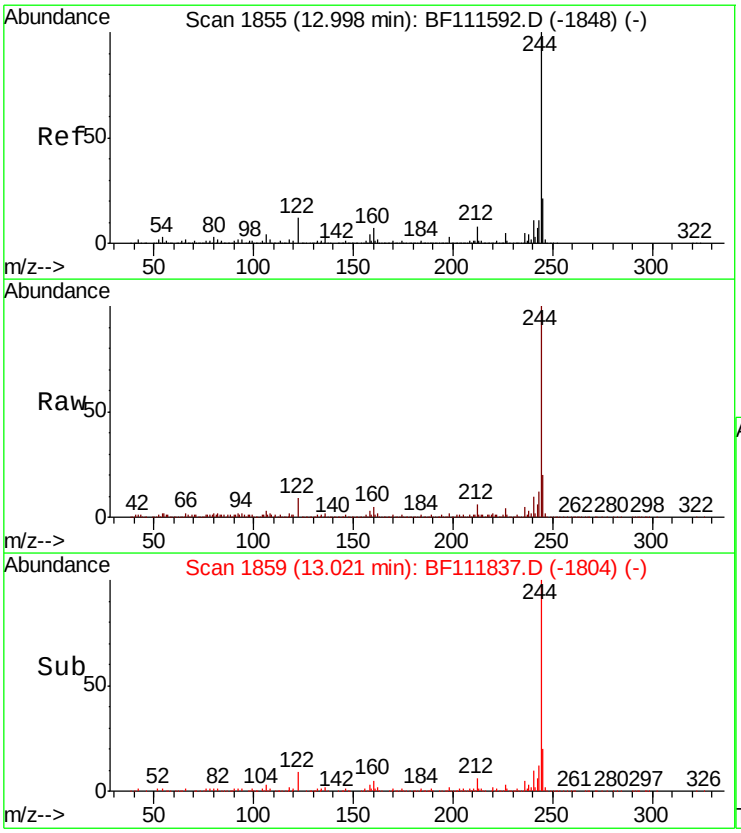
#78
Pyrene
Concen: 36.404 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.03 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1246900

Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.0	28.4
203	19.1	15.2	22.8

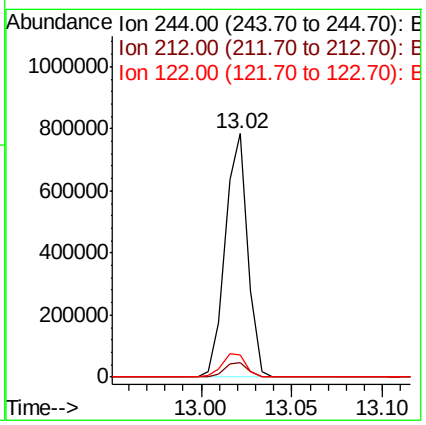


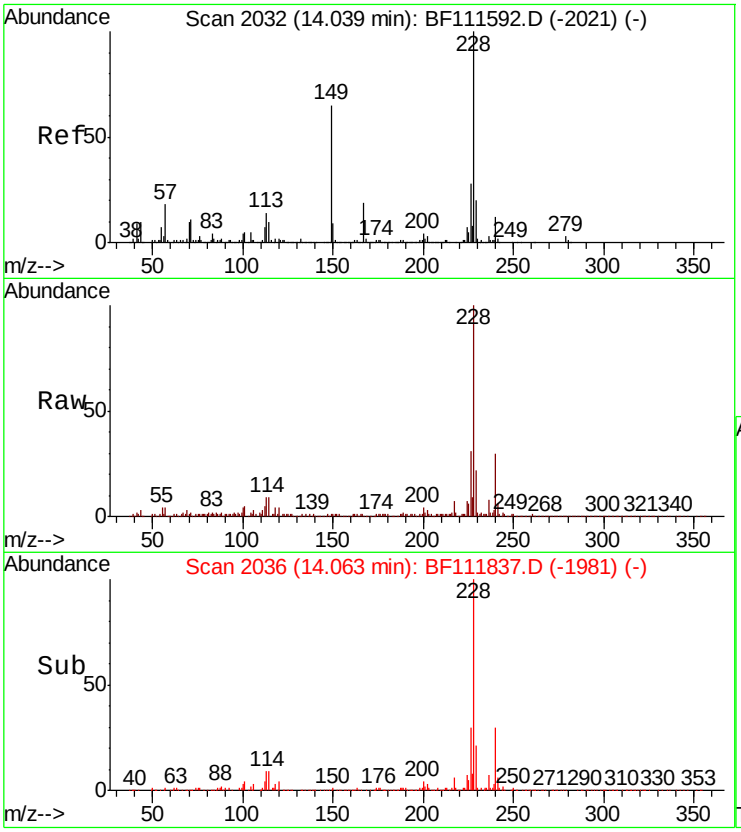


#79
Terphenyl-d14
Concen: 26.302 ng
RT: 13.02 min Scan# 1859
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:244 Resp: 672709

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	9.1	13.1	19.7#



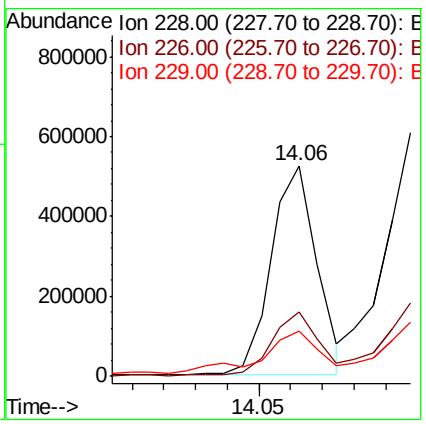


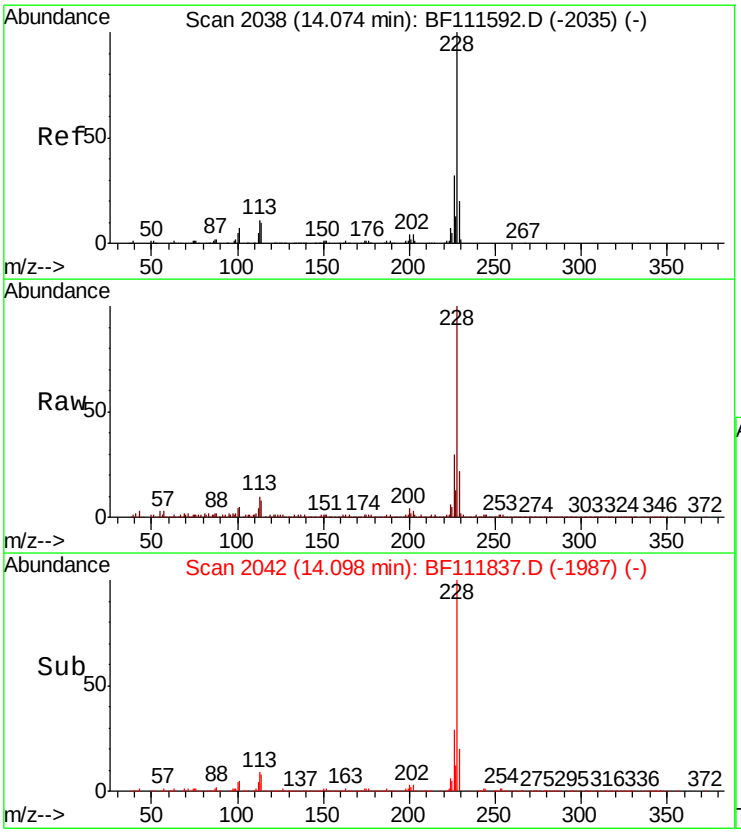
#81
Benzo(a)anthracene
Concen: 18.975 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 525224

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	34.0
229	21.6	16.3	24.5

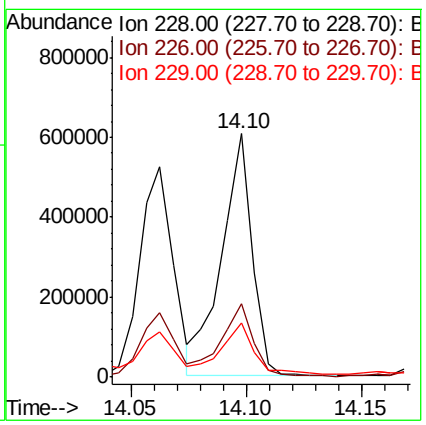


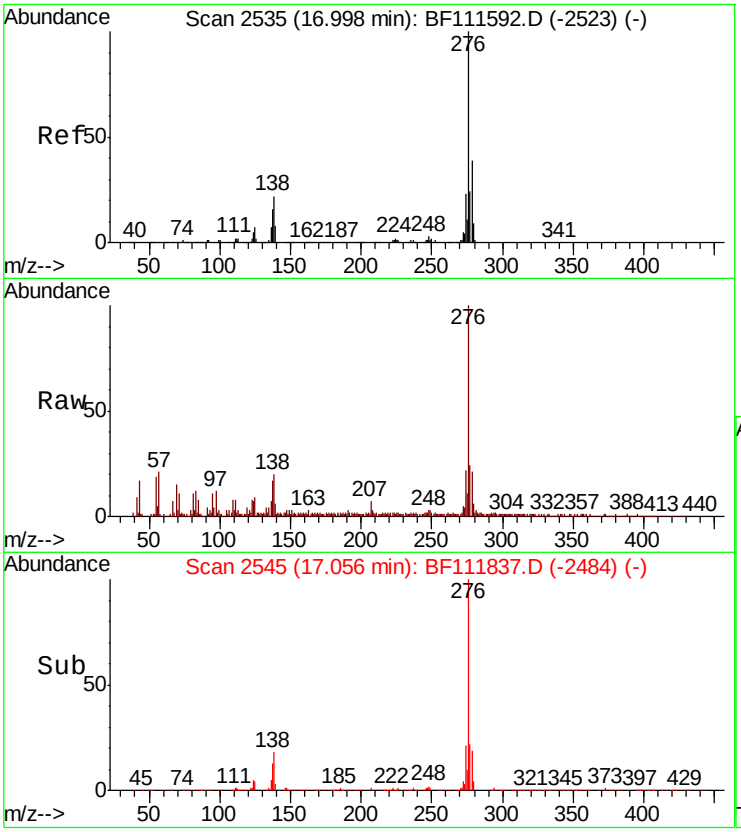


#83
Chrysene
Concen: 20.516 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:228 Resp: 558152

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.3	37.9
229	22.1	17.2	25.8



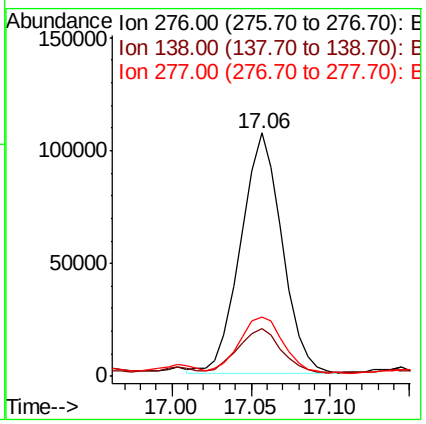


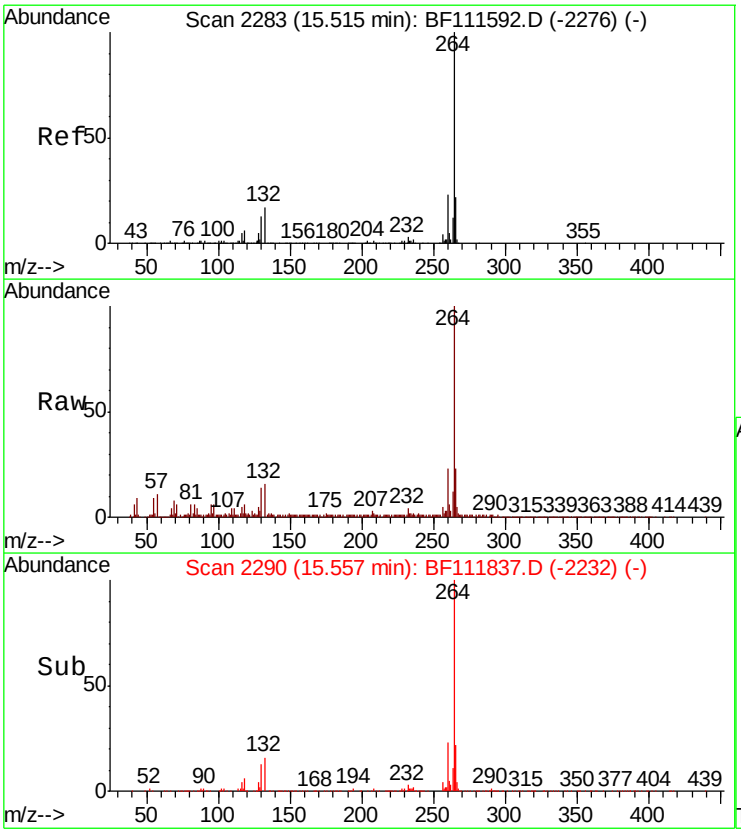
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.314 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.06 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 192280

Ion	Ratio	Lower	Upper
276	100		
138	18.8	27.8	41.6#
277	25.2	20.1	30.1

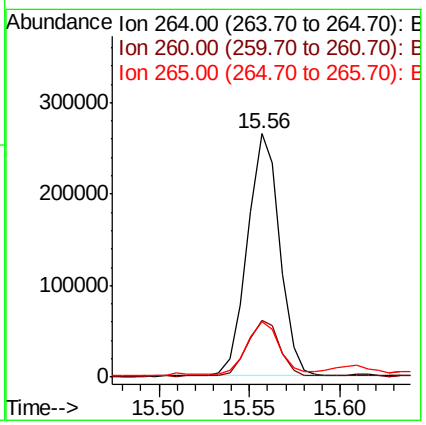


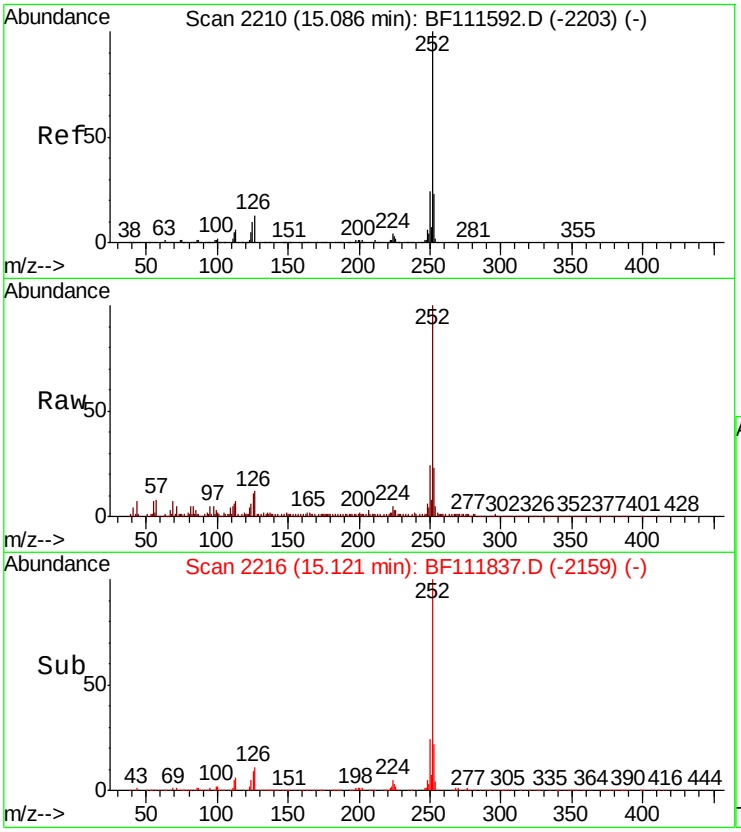


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:264 Resp: 326874

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	22.9	17.7	26.5



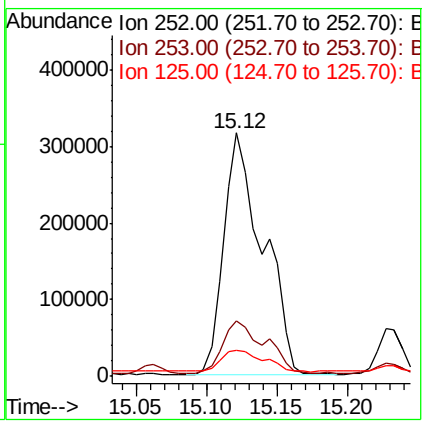


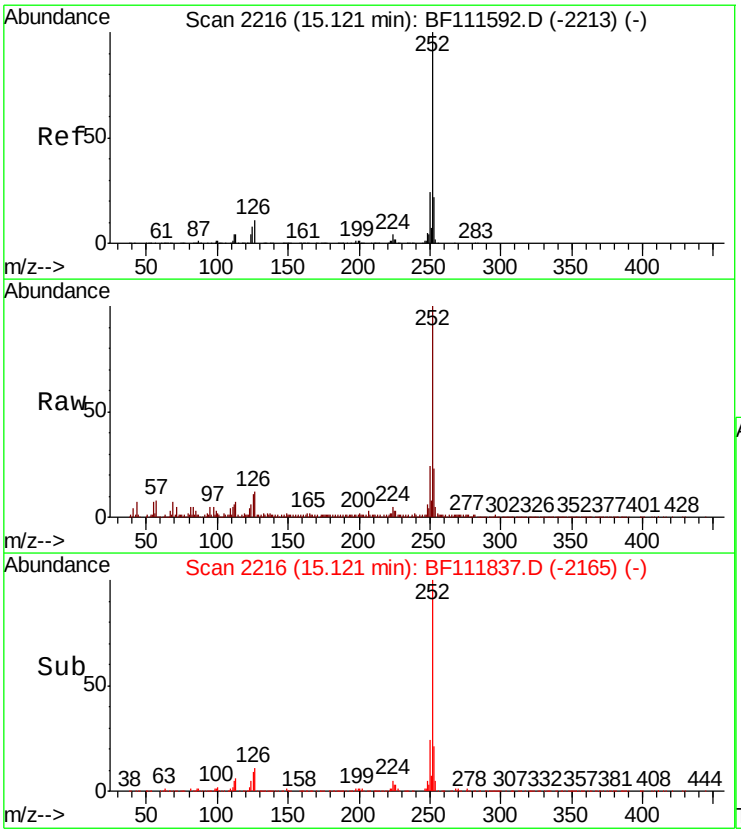
#88
Benzo(b)fluoranthene
Concen: 31.990 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 611127

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.9	10.4	15.6

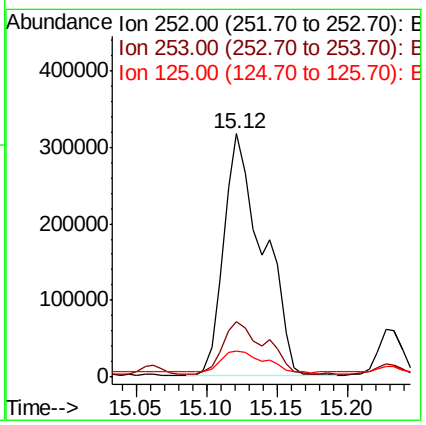


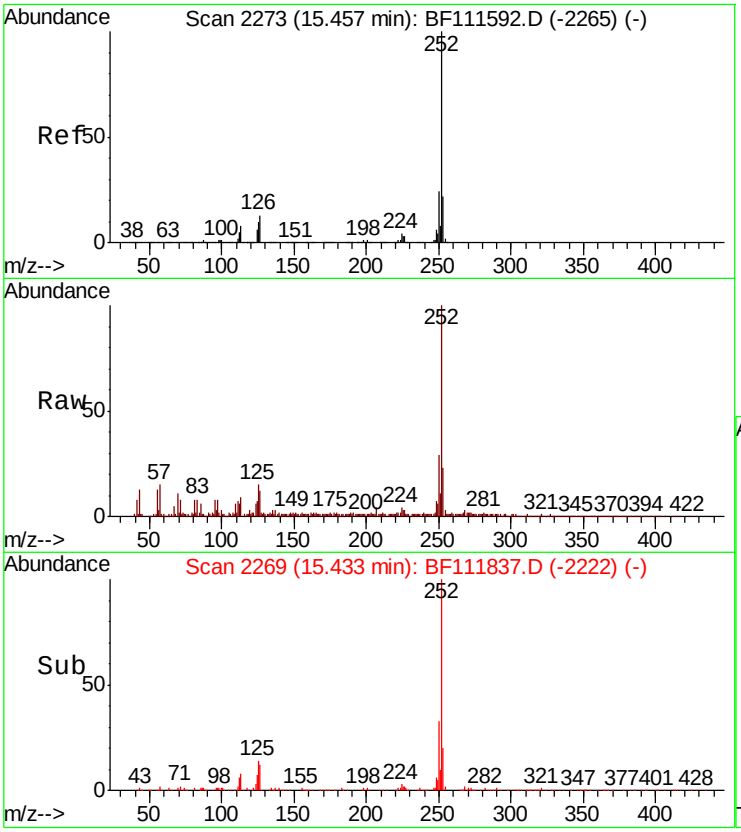


#89
Benzo(k)fluoranthene
Concen: 33.602 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:252 Resp: 611127

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.9	9.8	14.8



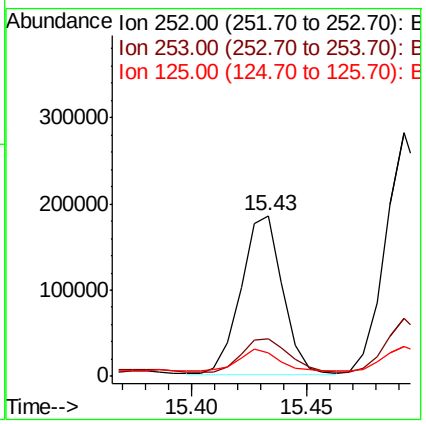


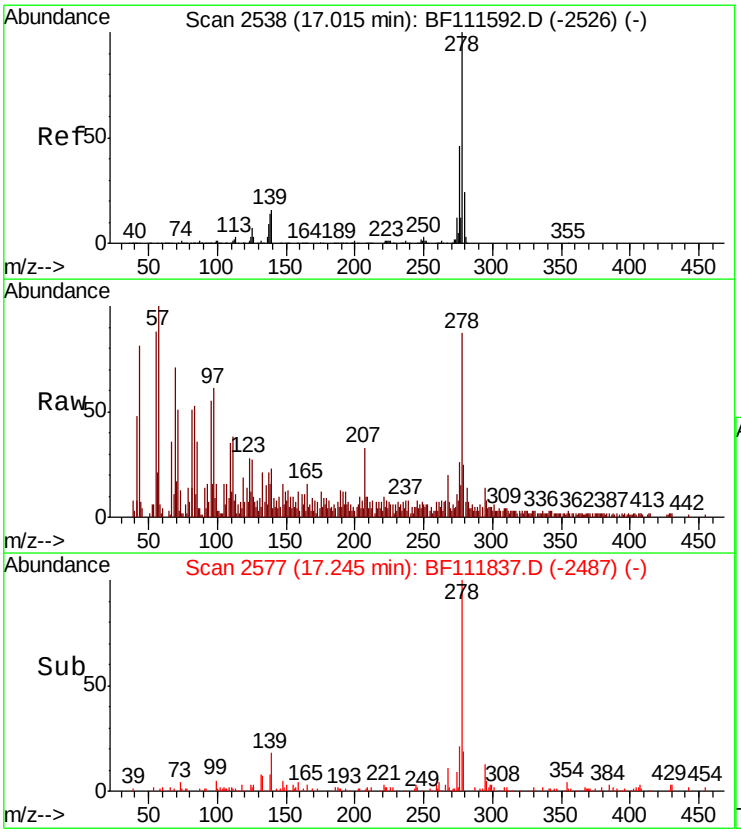
#90
Benzo(a)pyrene
Concen: 13.403 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 232628

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	14.9	12.3	18.5

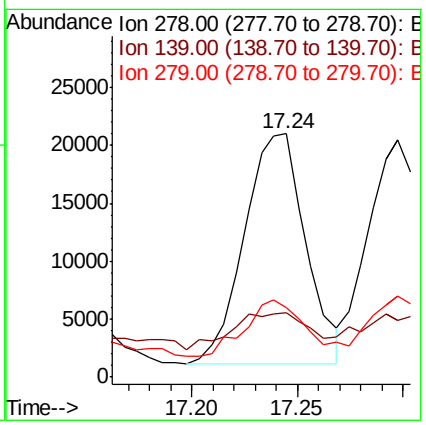


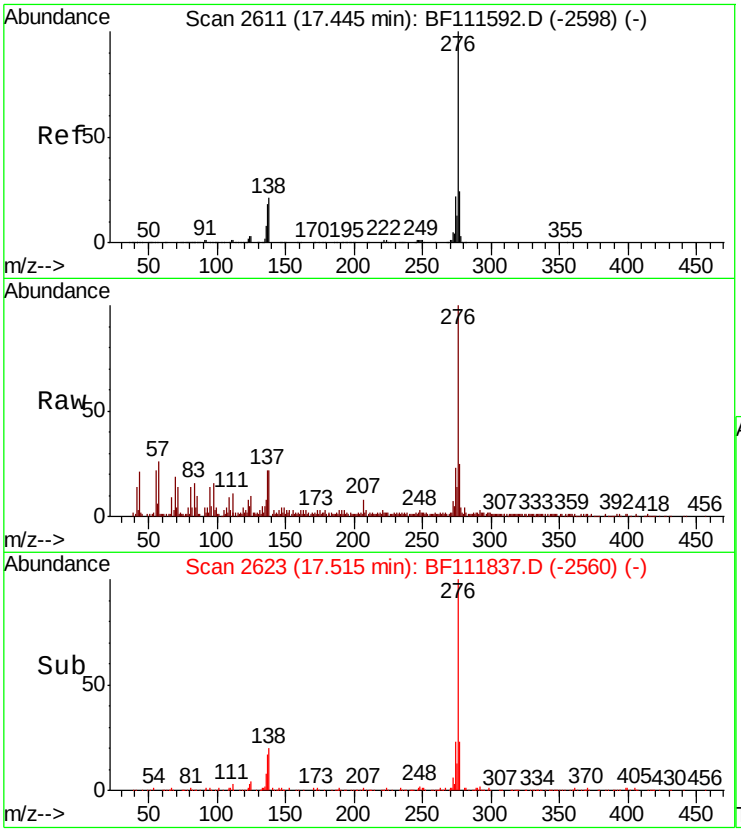


#91
Dibenzo(a,h)anthracene
Concen: 2.641 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.23 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:278 Resp: 40143

Ion	Ratio	Lower	Upper
278	100		
139	26.2	18.2	27.4
279	28.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 12.930 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.07 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 191888

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	21.6	24.9	37.3#