Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101658.D
Acq On : 22 Dec 2017 17:26
Operator : SJ/JU
Sample : I6683-09 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-B

Quant Time: Dec 22 22:33:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149520	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	572652	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	234889	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	384389	20.00	ng		0.00
75) Chrysene-d12	13.97	240	284549	20.00	ng		0.00
86) Perylene-d12	15.43	264	306161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	531328	52.93	ng		0.00
7) Phenol-d6	6.43	99	640796	51.30	ng		0.00
23) Nitrobenzene-d5	7.36	82	390273	37.94	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	108784	48.06	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	618467	40.84	ng		0.00
78) Terphenyl-d14	12.90	244	450060	38.13	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	54016	6.584	ng	#	79
25) Isophorone	7.36	82	390191	18.907	ng	#	64
31) Naphthalene	8.09	128	188725	6.546	ng		99
32) Benzoic acid	8.09	122	449	8.028	ng	#	1
33) 4-Chloroaniline	8.09	127	25512	2.036	ng	#	34
37) 2-Methylnaphthalene	8.78	142	138843	7.392	ng		98
48) Acenaphthylene	9.69	152	118217	4.696	ng		98
49) Dimethylphthalate	9.54	163	59510	3.150	ng		100
51) Acenaphthene	9.86	154	147076	9.724	ng		97
53) 2,4-Dinitrophenol	10.10	184	107	10.390	ng	#	23
54) Dibenzofuran	10.03	168	171860	8.941	ng		99
57) Fluorene	10.37	166	291066	17.900	ng		99
70) Phenanthrene	11.35	178	1325305	61.998	ng		99
71) Anthracene	11.39	178	510385	23.374	ng		100
72) Carbazole	11.56	167	80192	3.923	ng		99
74) Fluoranthene	12.54	202	1447300	64.503	ng		99
77) Pyrene	12.77	202	1444356	67.634	ng		99
80) Benzo(a)anthracene	13.96	228	789085	41.997	ng		97
82) Chrysene	13.99	228	635007	35.794	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	324513	20.542	ng	#	93
87) Benzo(b)fluoranthene	15.01	252	1018840	54.597	ng		97
88) Benzo(k)fluoranthene	15.01	252	1018610	56.141	ng		99
89) Benzo(a)pyrene	15.37	252	611794	35.563	ng		97
90) Dibenzo(a,h)anthracene	16.90	278	81129	5.493	ng	#	72
91) Benzo(g,h,i)perylene	17.35	276	305695	20.901	ng		95

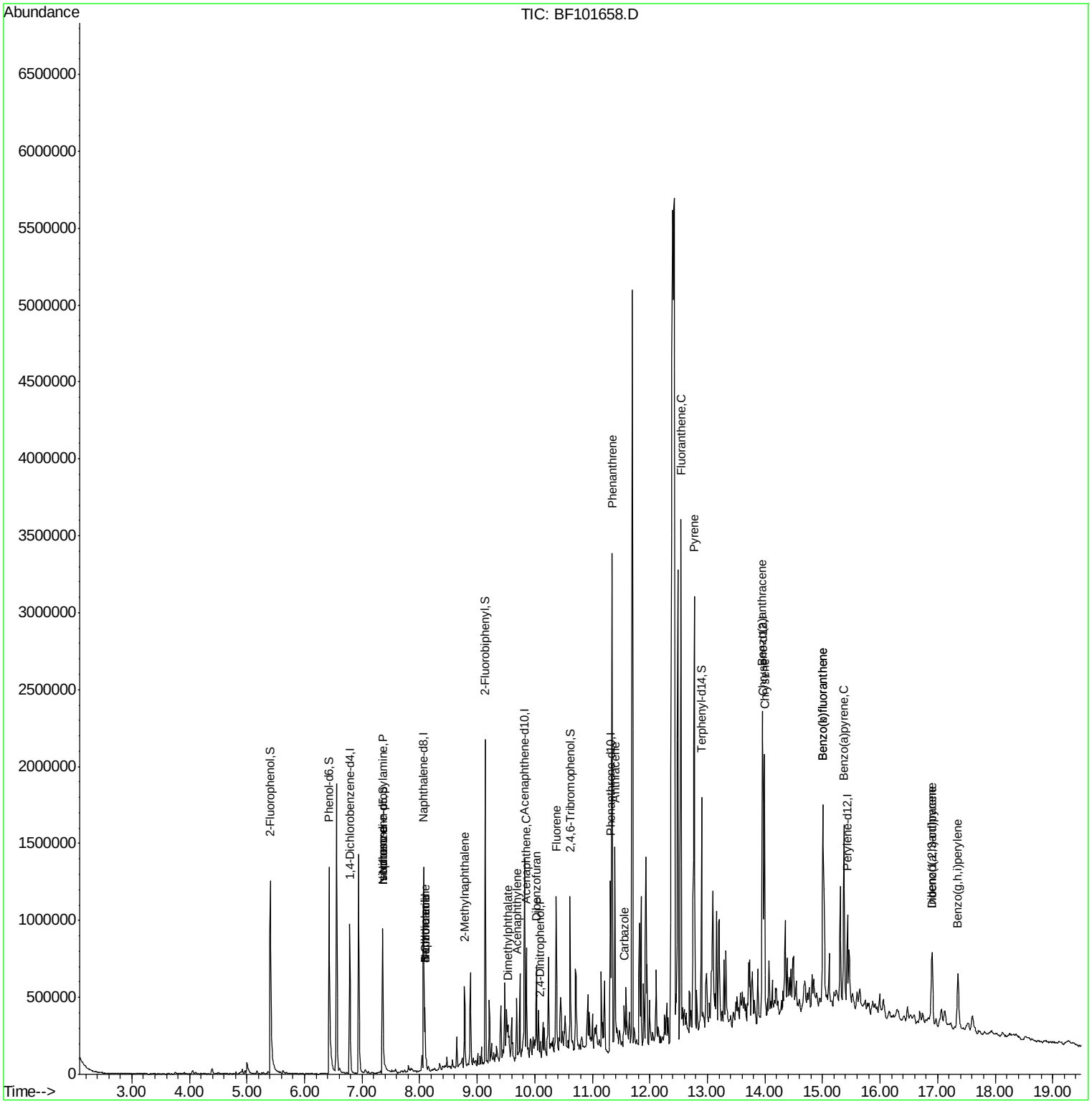
(#) = qualifier out of range (m) = manual integration (+) = signals summed

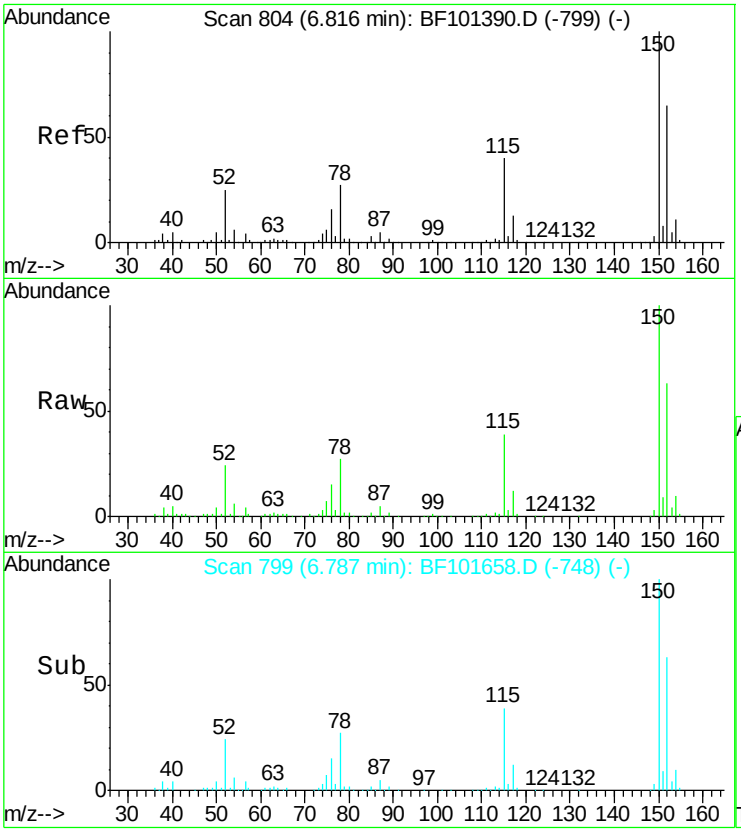
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101658.D
Acq On : 22 Dec 2017 17:26
Operator : SJ/JU
Sample : I6683-09 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Quant Time: Dec 22 22:33:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



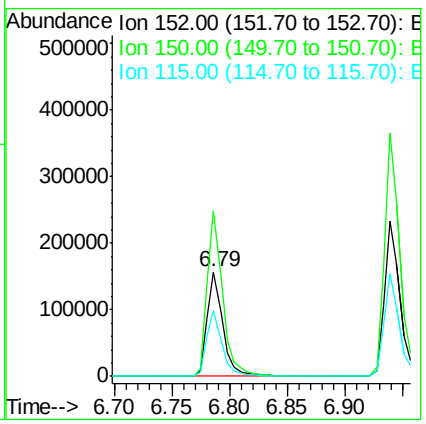


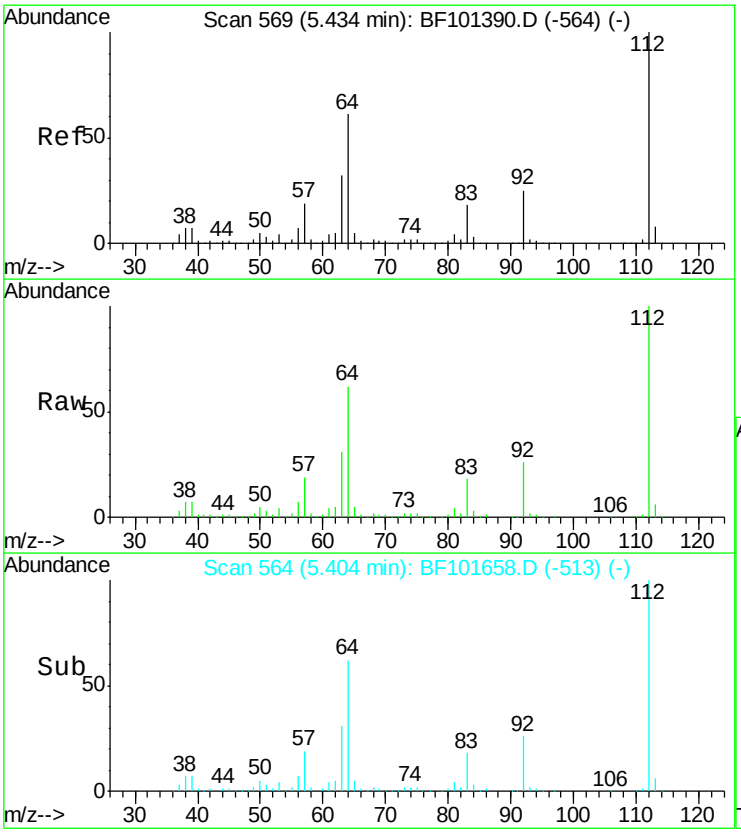
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:152 Resp: 149520

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.3	50.1	75.1

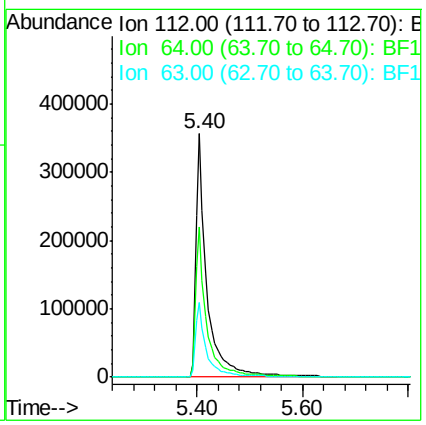


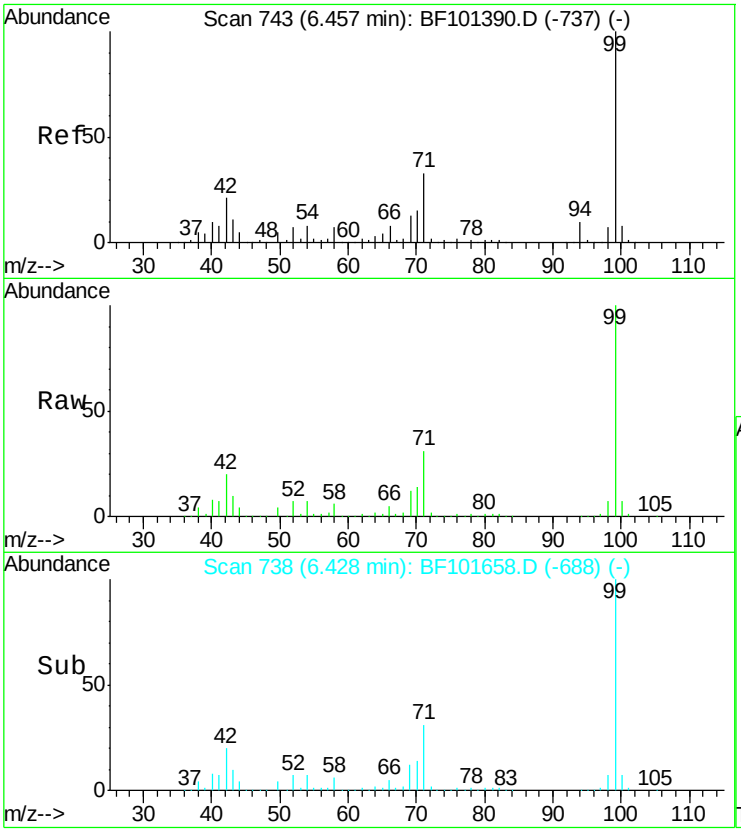


#5
2-Fluorophenol
Concen: 52.933 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:112 Resp: 531328

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	30.9	23.7	35.5



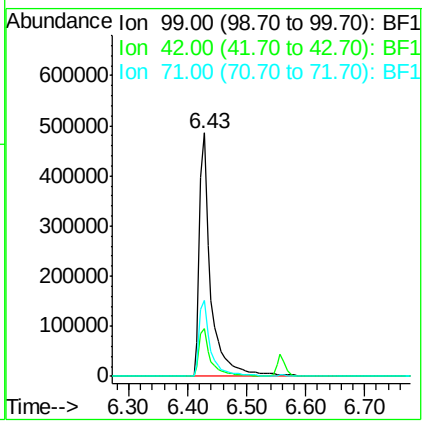


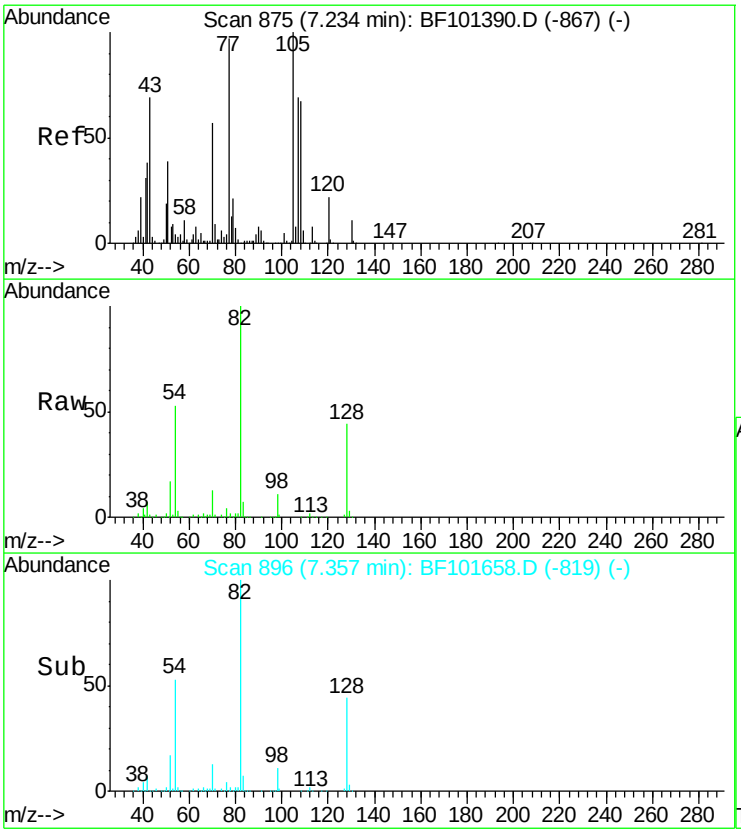
#7
Phenol-d6
Concen: 51.295 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion: 99 Resp: 640796

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	31.3	25.4	38.0

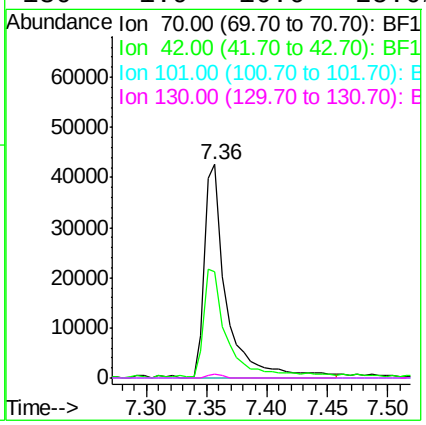


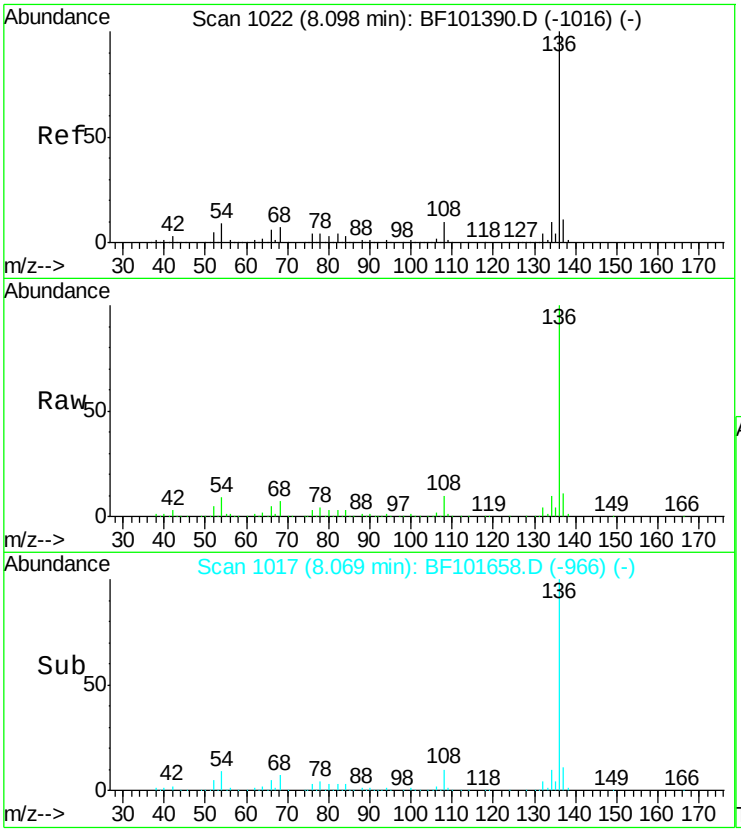


#19
n-Nitroso-di-n-propylamine
Concen: 6.584 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion: 70 Resp: 54016

Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



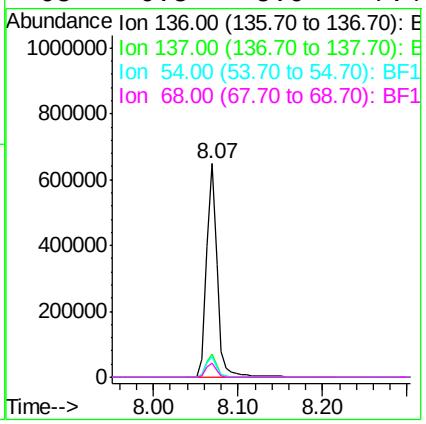


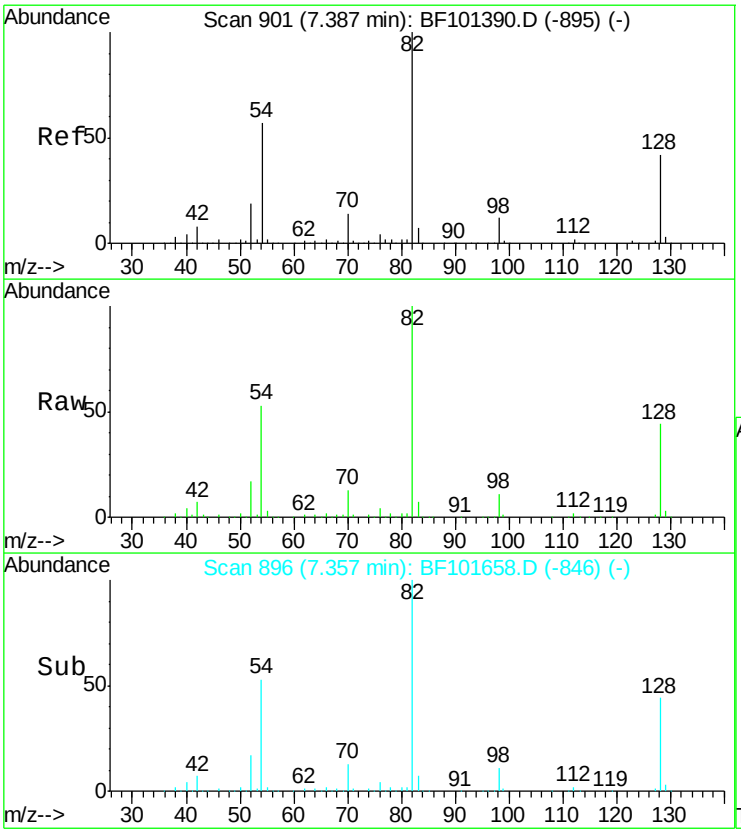
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:136 Resp: 572652

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	6.8	5.0	7.4

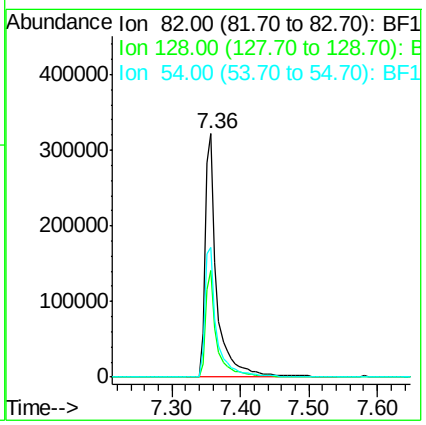


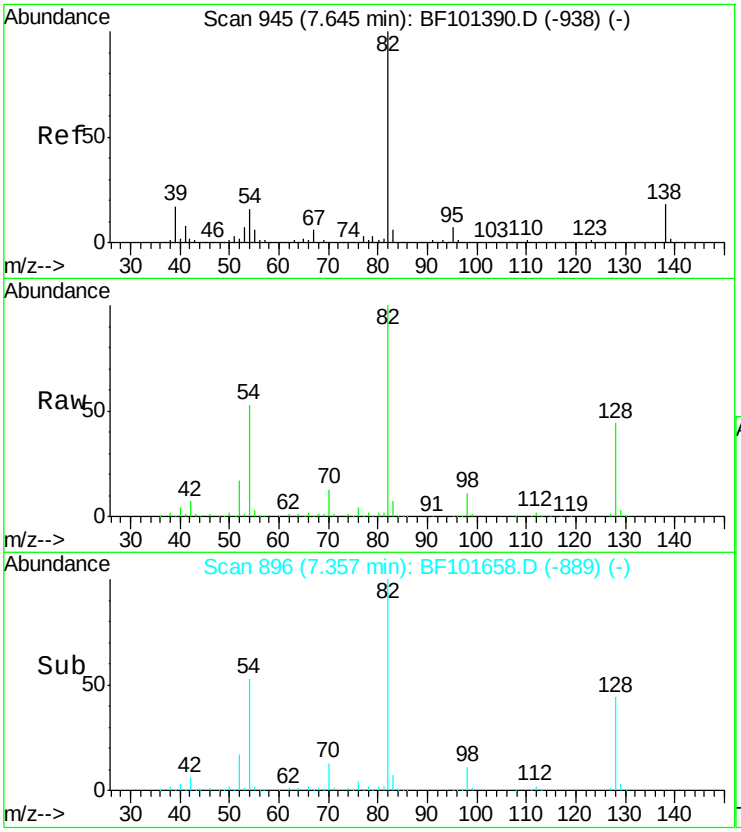


#23
Nitrobenzene-d5
Concen: 37.937 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion: 82 Resp: 390273

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	53.0	41.4	62.2



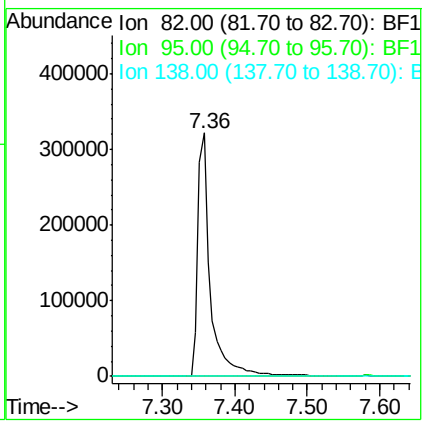


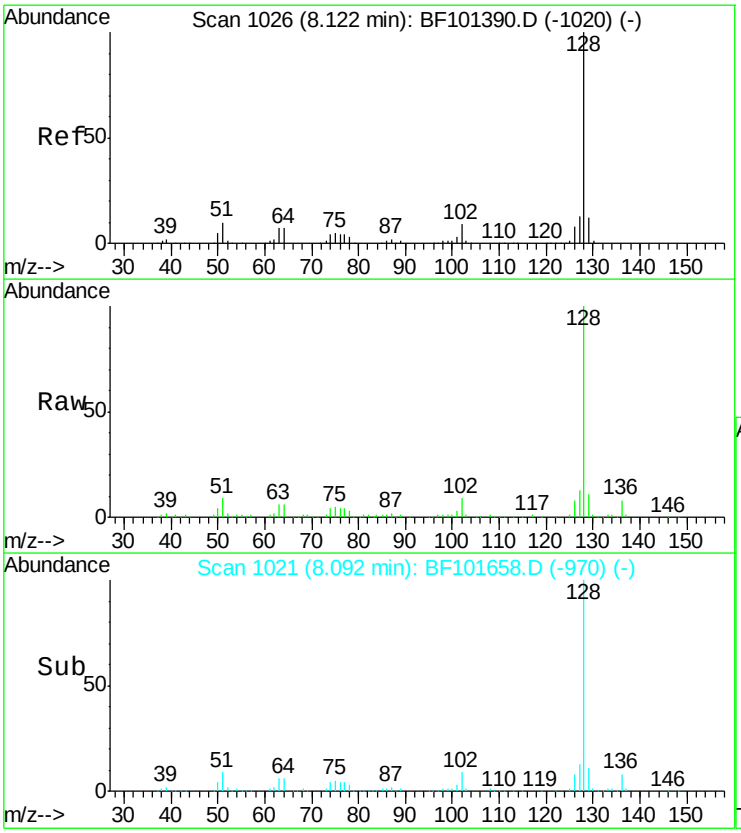
#25
Isophorone
Concen: 18.907 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion: 82 Resp: 390191

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

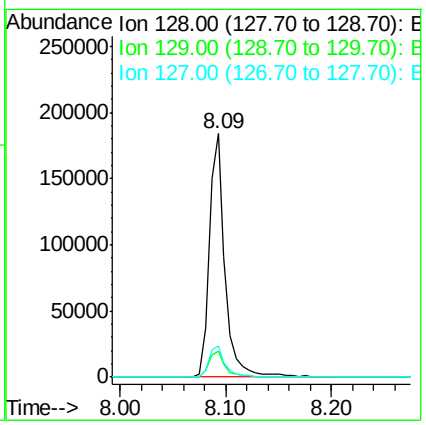


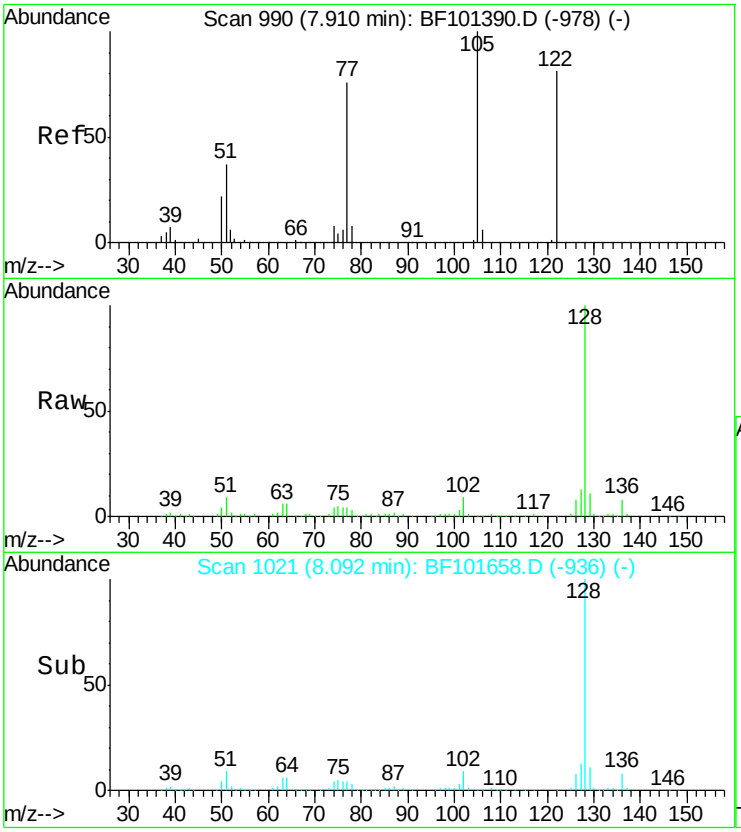


#31
Naphthalene
Concen: 6.546 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:128 Resp: 188725

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.0	10.9	16.3



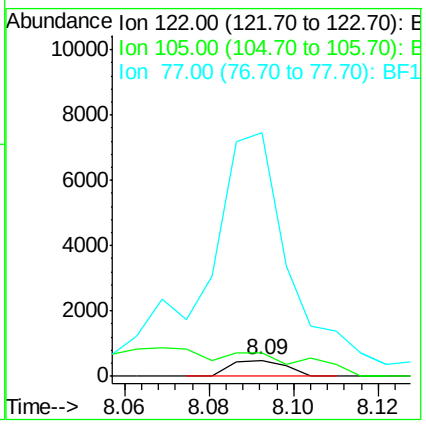


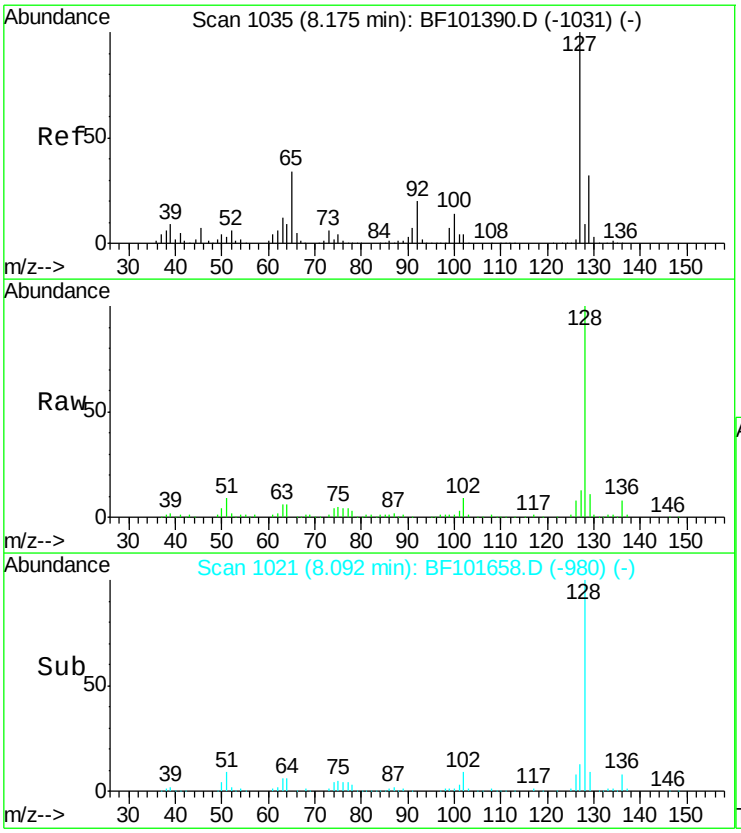
#32
Benzoic acid
Concen: 8.028 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.20 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:122 Resp: 449

Ion	Ratio	Lower	Upper
122	100		
105	147.5	101.1	141.1#
77	1494.0	70.7	110.7#

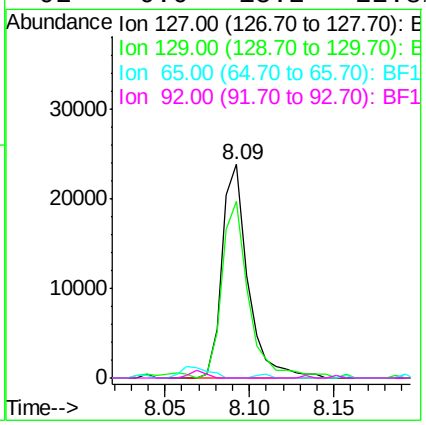


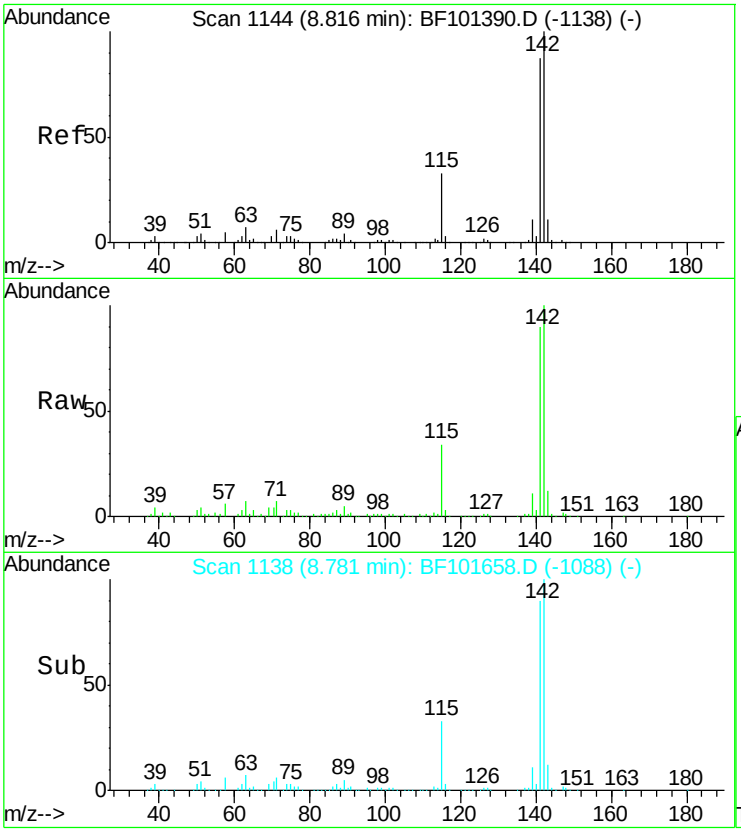


#33
4-Chloroaniline
Concen: 2.036 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:127 Resp: 25512

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



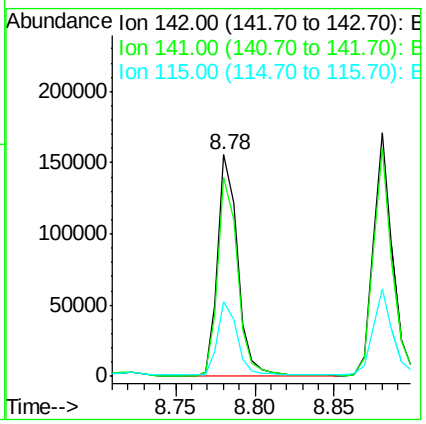


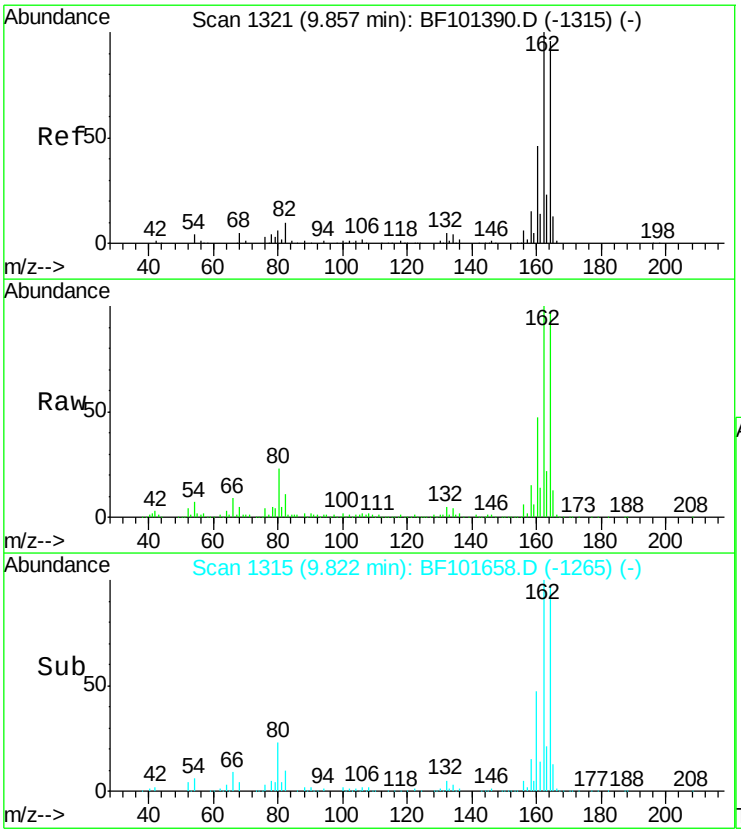
#37
2-Methylnaphthalene
Concen: 7.392 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:142 Resp: 138843

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	33.6	26.1	39.1

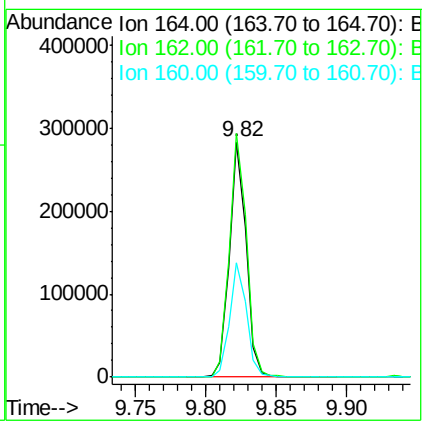


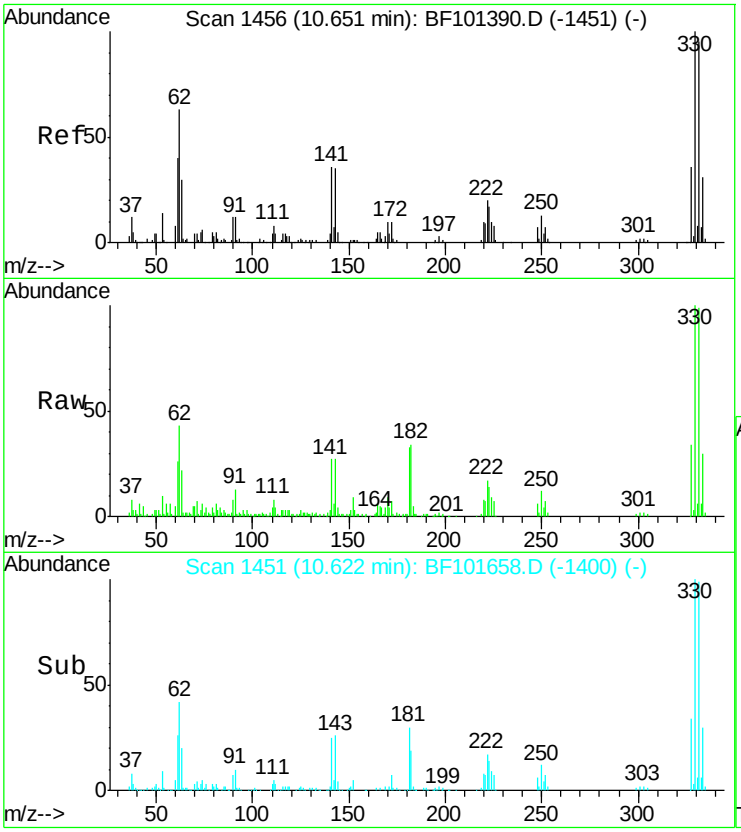


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:164 Resp: 234889

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	48.8	38.3	57.5



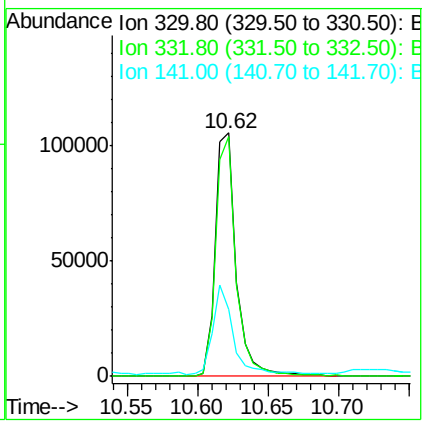


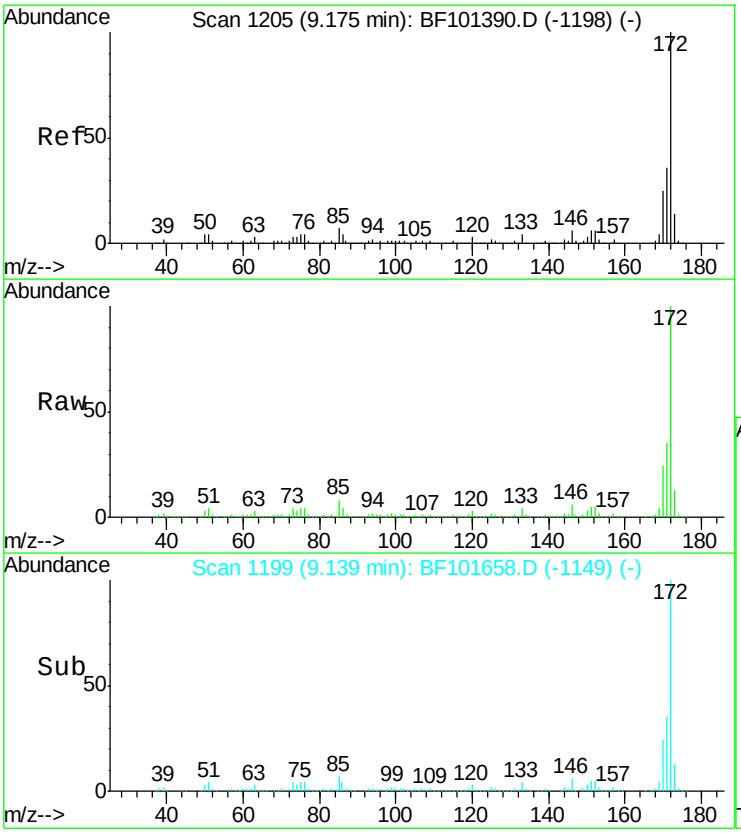
#41
2,4,6-Tribromophenol
Concen: 48.064 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:330 Resp: 108784

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.9	29.9	44.9

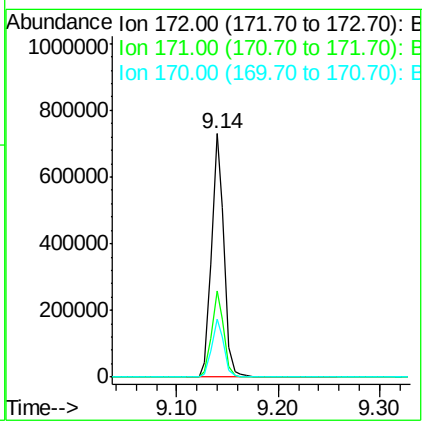


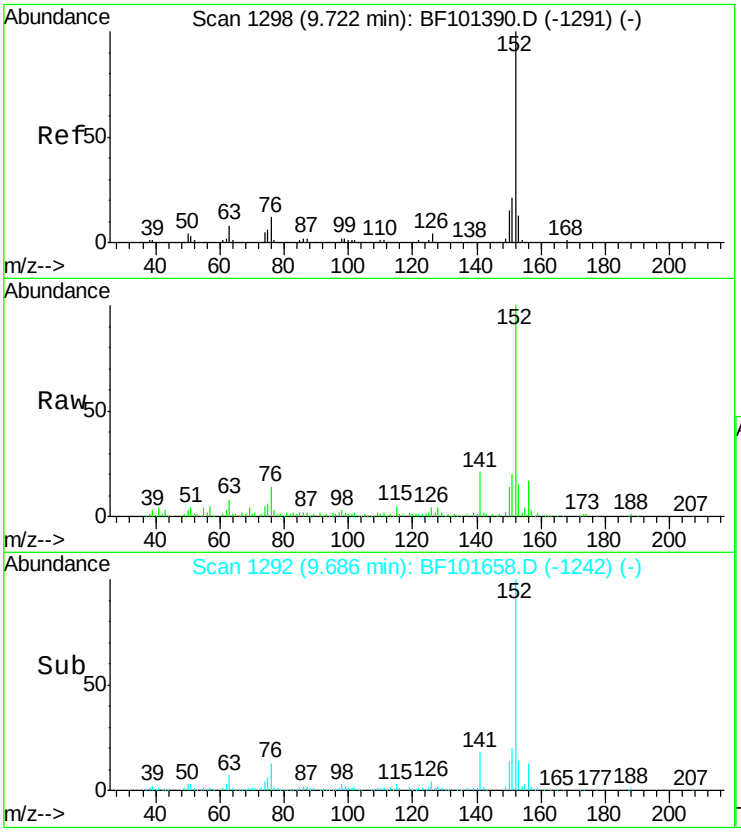


#44
2-Fluorobiphenyl
Concen: 40.844 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:172 Resp: 618467

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.8	19.6	29.4



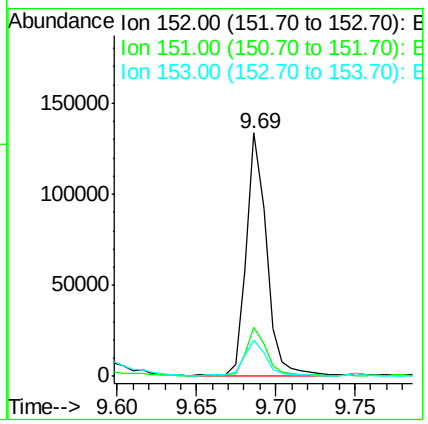


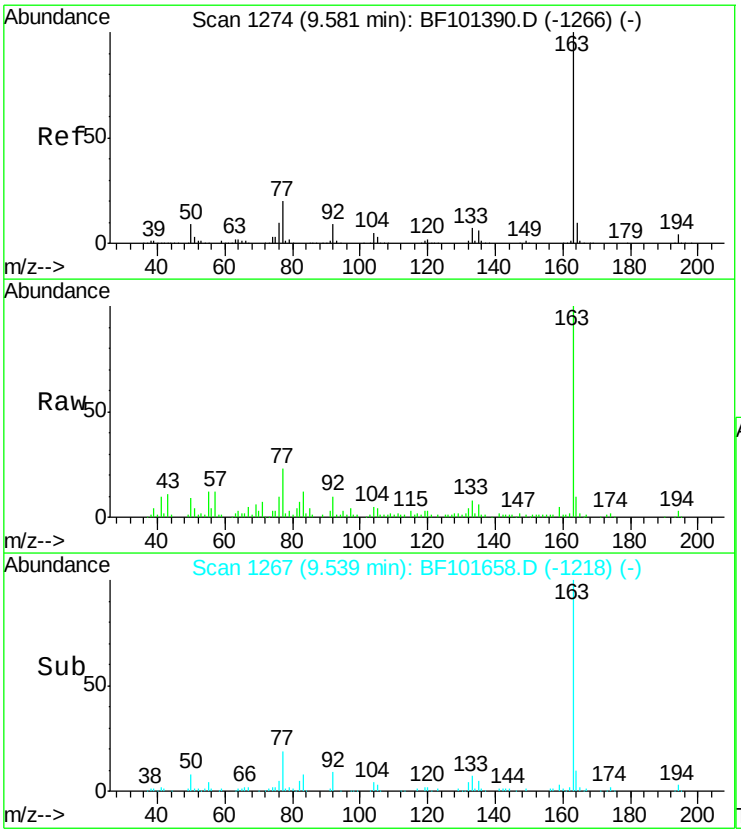
#48
Acenaphthylene
Concen: 4.696 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:152 Resp: 118217

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	14.7	10.7	16.1

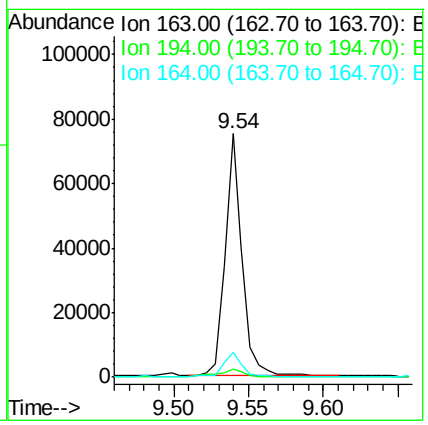


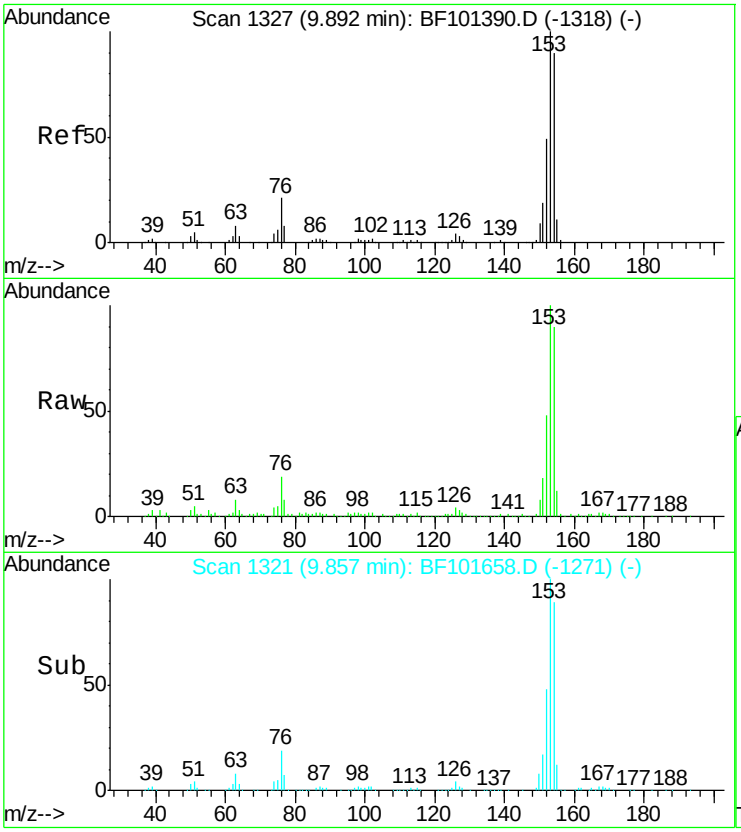


#49
Dimethylphthalate
Concen: 3.150 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:163 Resp: 59510

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2



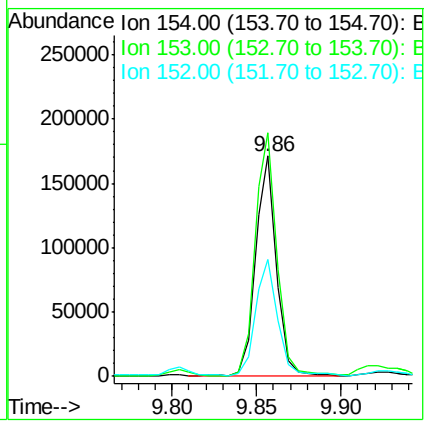


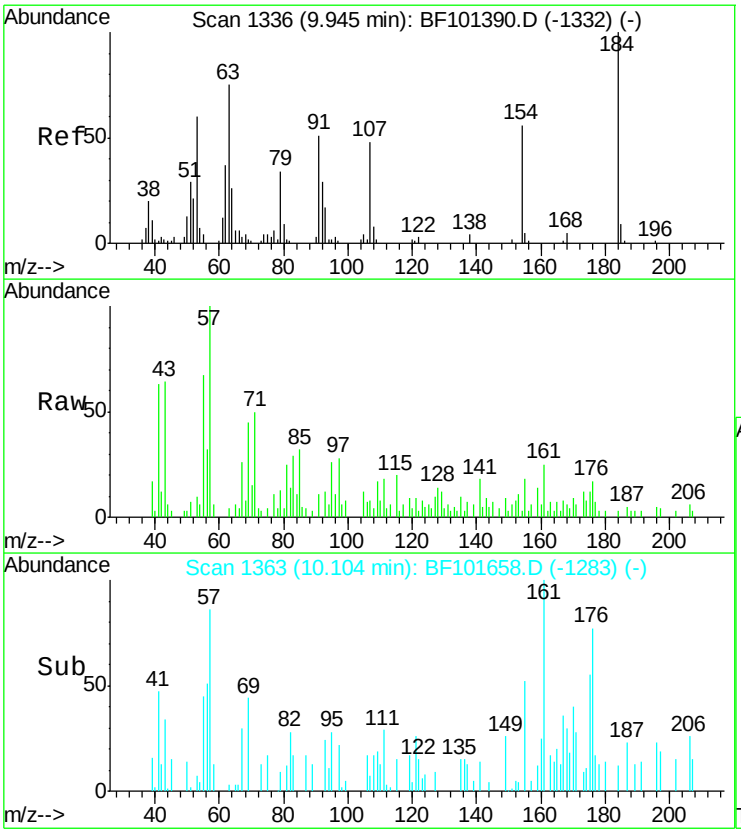
#51
Acenaphthene
Concen: 9.724 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:154 Resp: 147076

Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.2	136.8
152	53.4	43.8	65.8

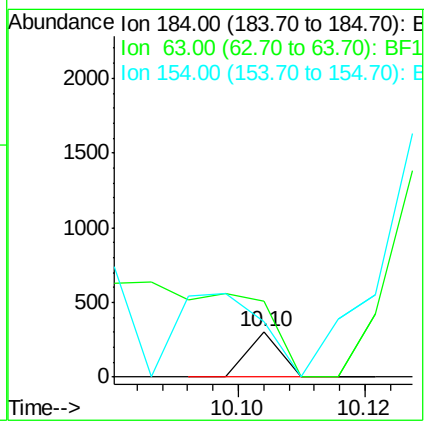


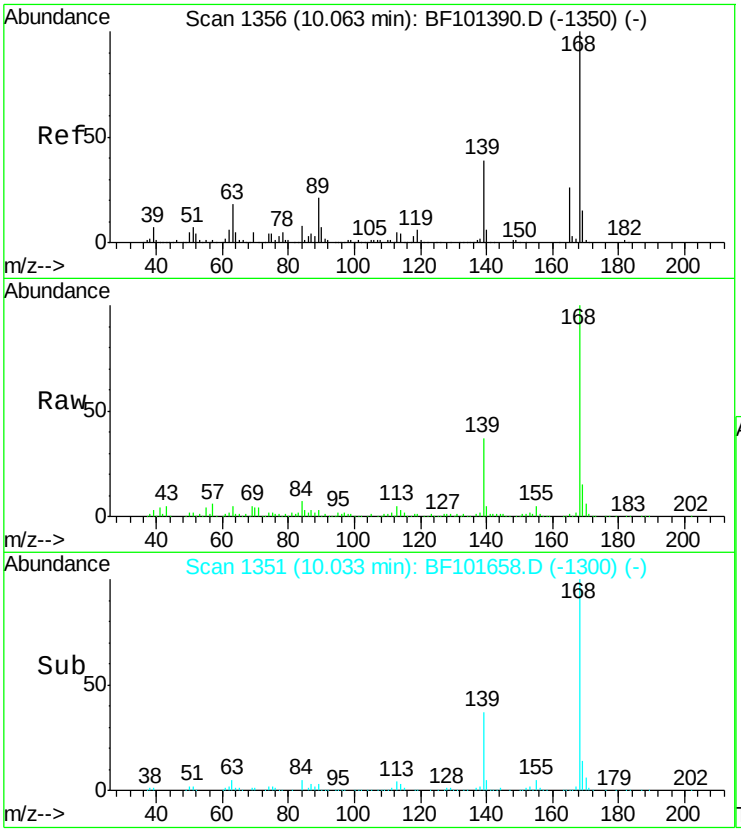


#53
2,4-Dinitrophenol
Concen: 10.390 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.17 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	165.8	54.2	81.2#
154	123.4	184.0	276.0#



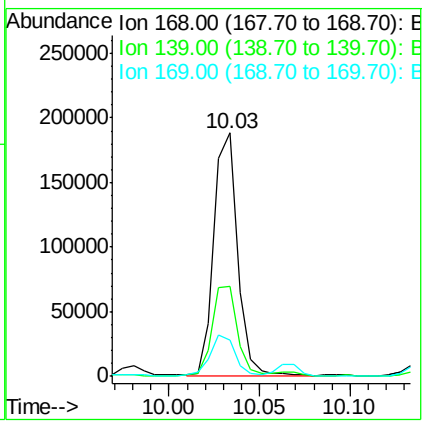


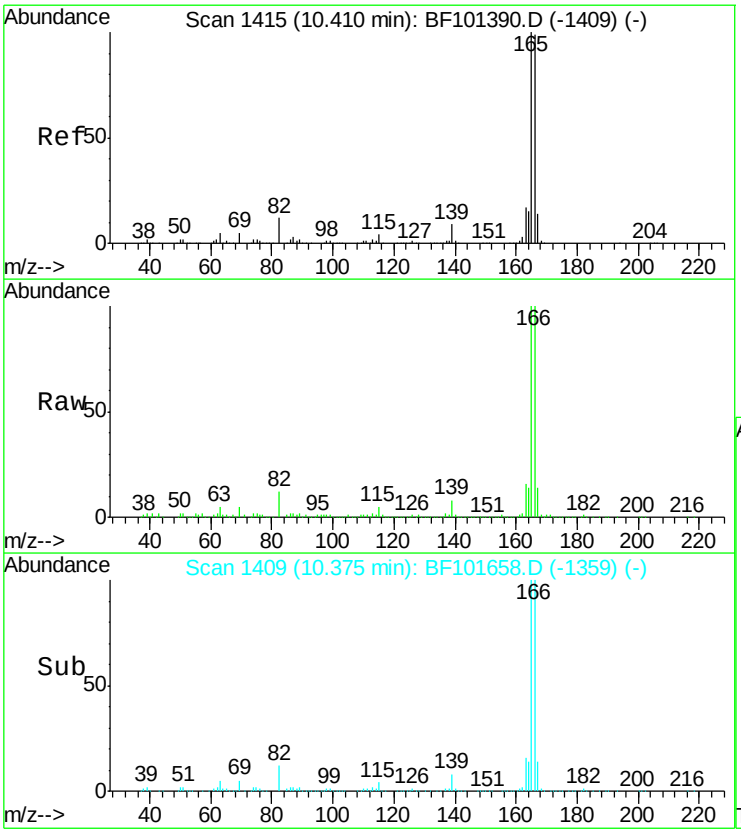
#54
Dibenzofuran
Concen: 8.941 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:168 Resp: 171860

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	14.6	10.9	16.3

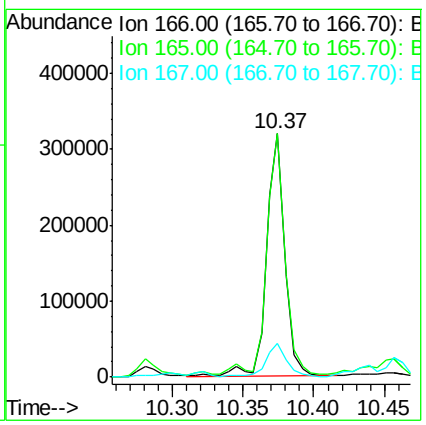


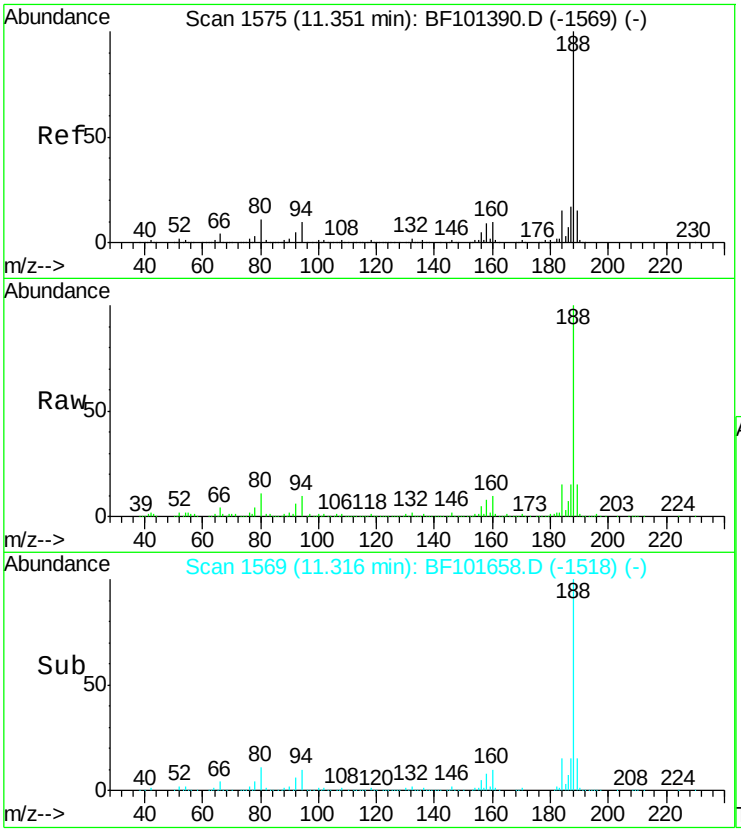


#57
Fluorene
Concen: 17.900 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:166 Resp: 291066

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	14.0	10.6	16.0



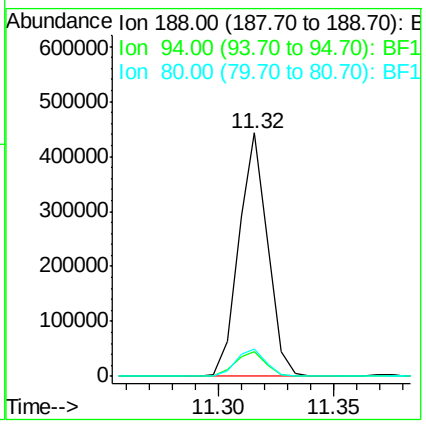


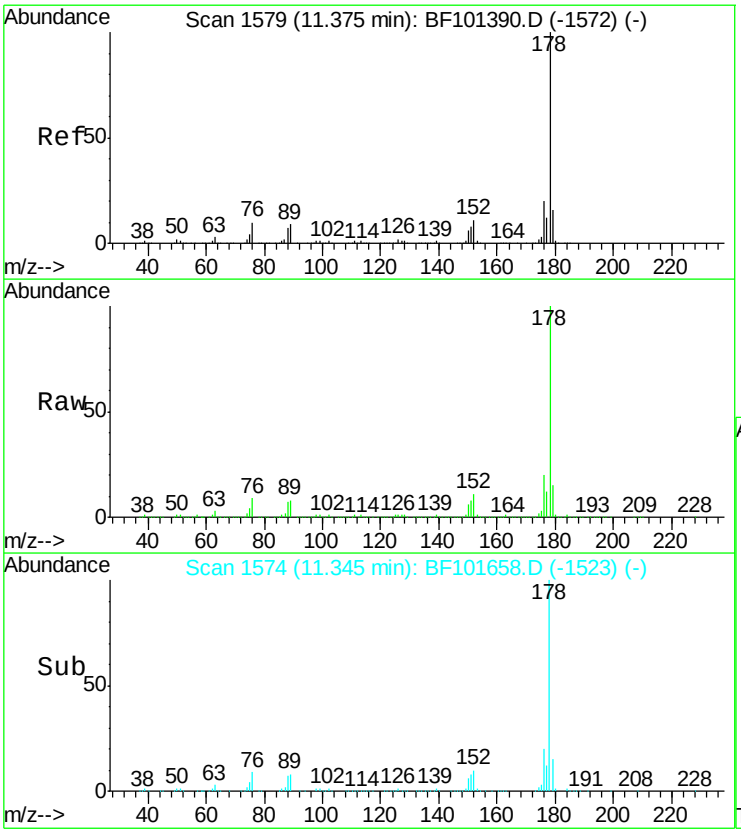
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:188 Resp: 384389

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.3	9.2	13.8

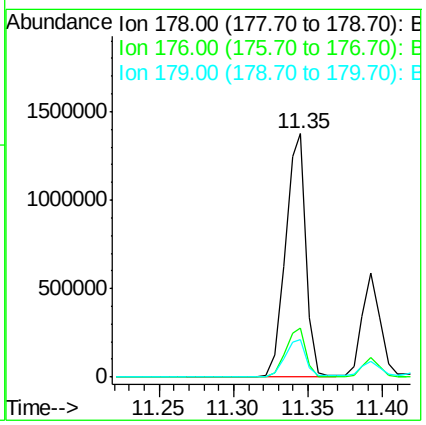


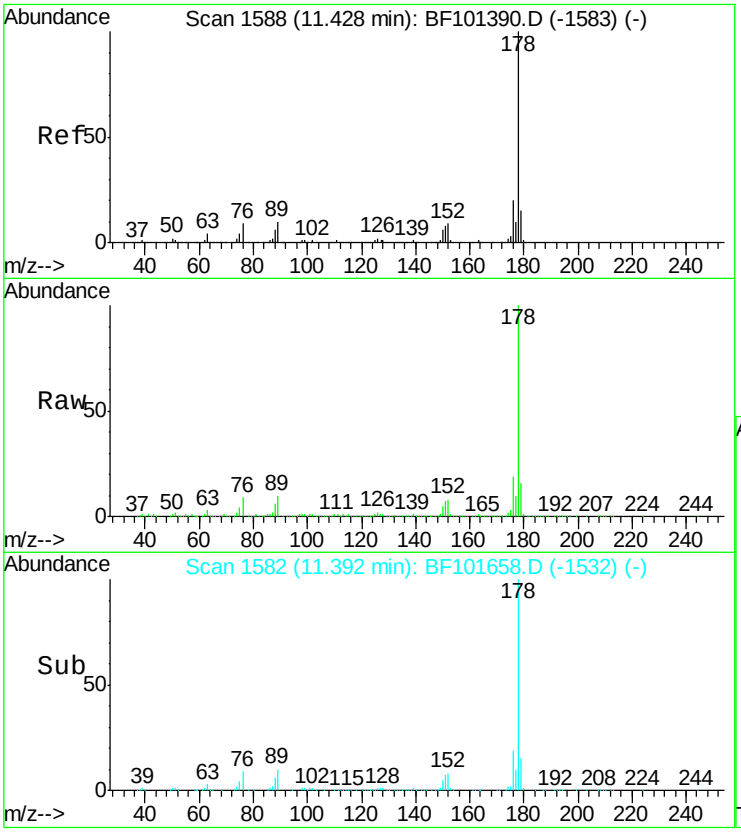


#70
Phenanthrene
Concen: 61.998 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:178 Resp: 1325305

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6



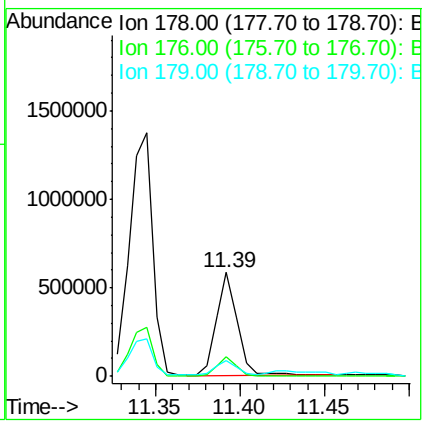


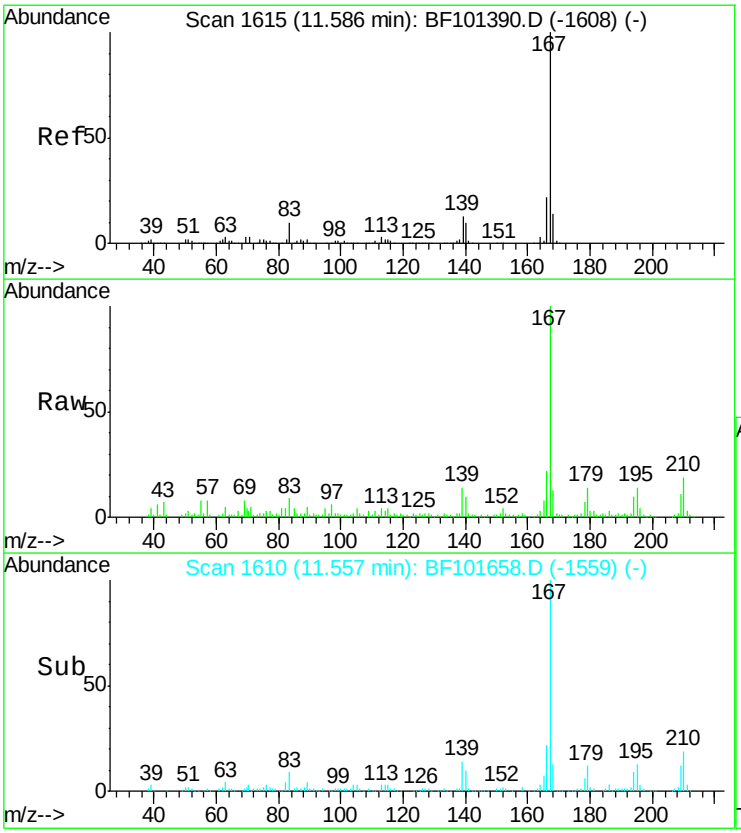
#71
Anthracene
Concen: 23.374 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:178 Resp: 510385

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	12.6	19.0

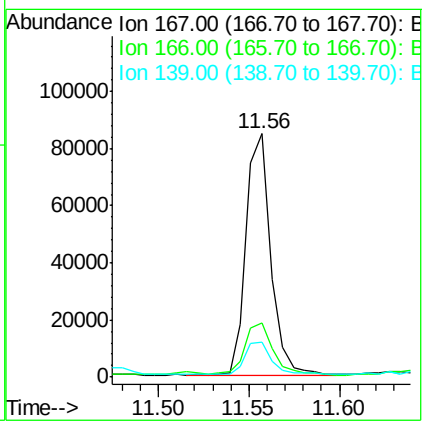


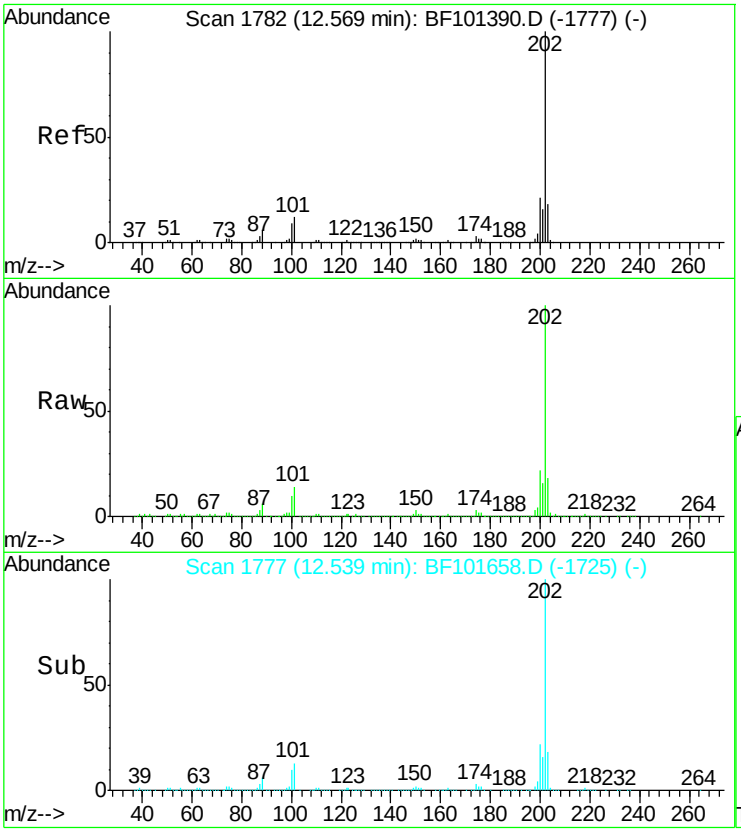


#72
Carbazole
Concen: 3.923 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:167 Resp: 80192

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.3	10.9	16.3



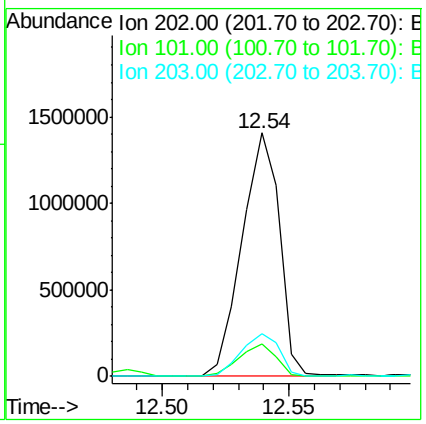


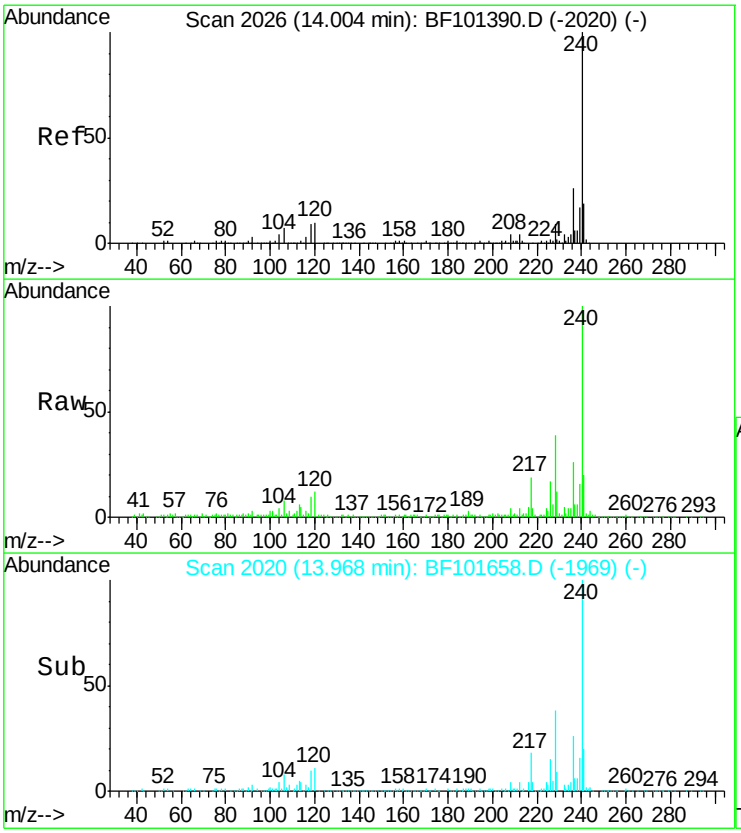
#74
Fluoranthene
Concen: 64.503 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:202 Resp: 1447300

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.7	0.0	38.1

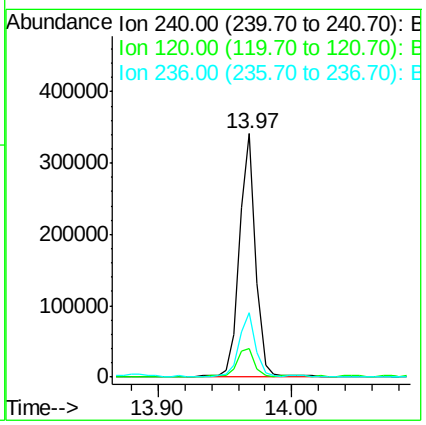


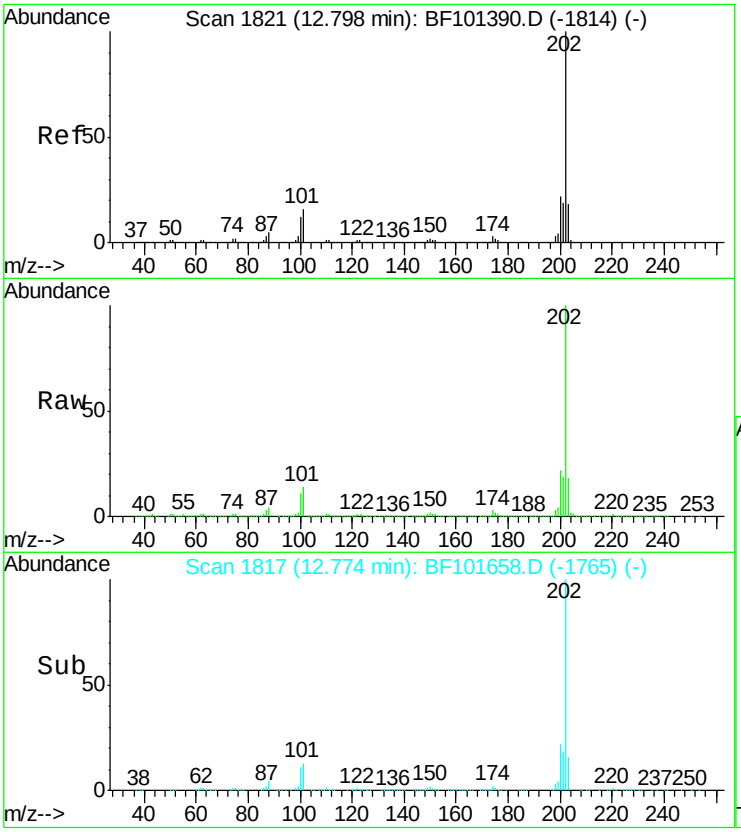


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:240 Resp: 284549

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.4	20.7	31.1



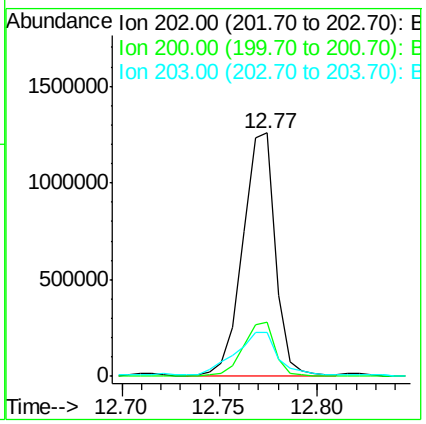


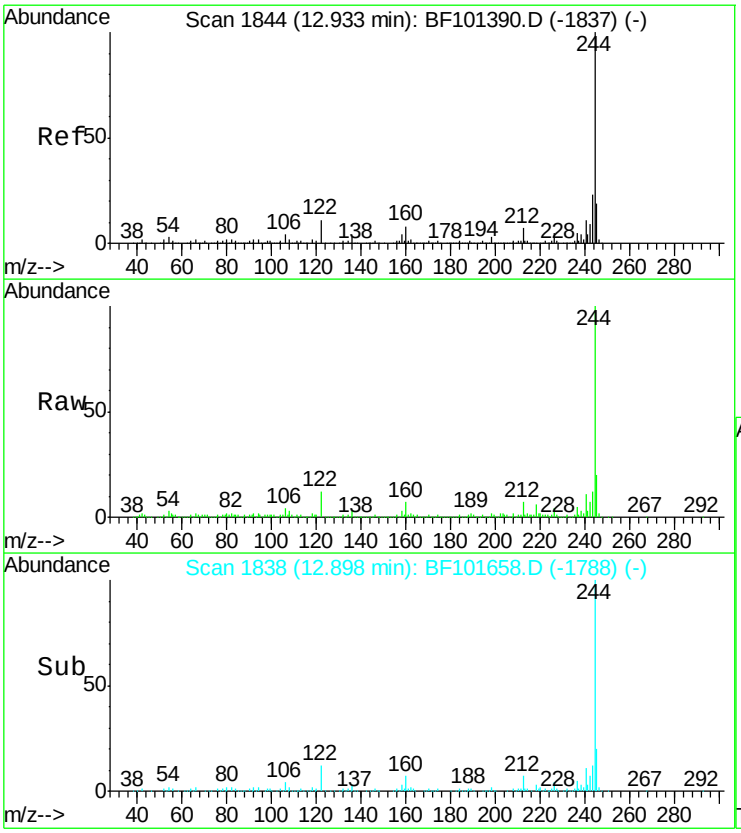
#77
Pyrene
Concen: 67.634 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:202 Resp: 1444356

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.1	14.3	21.5

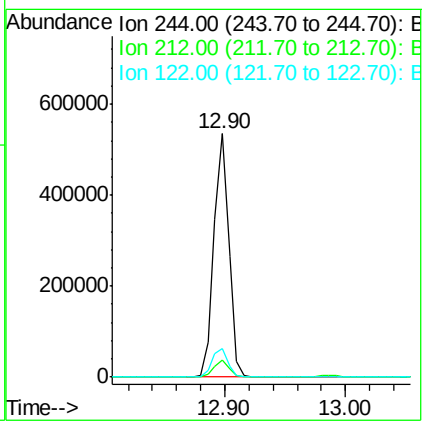


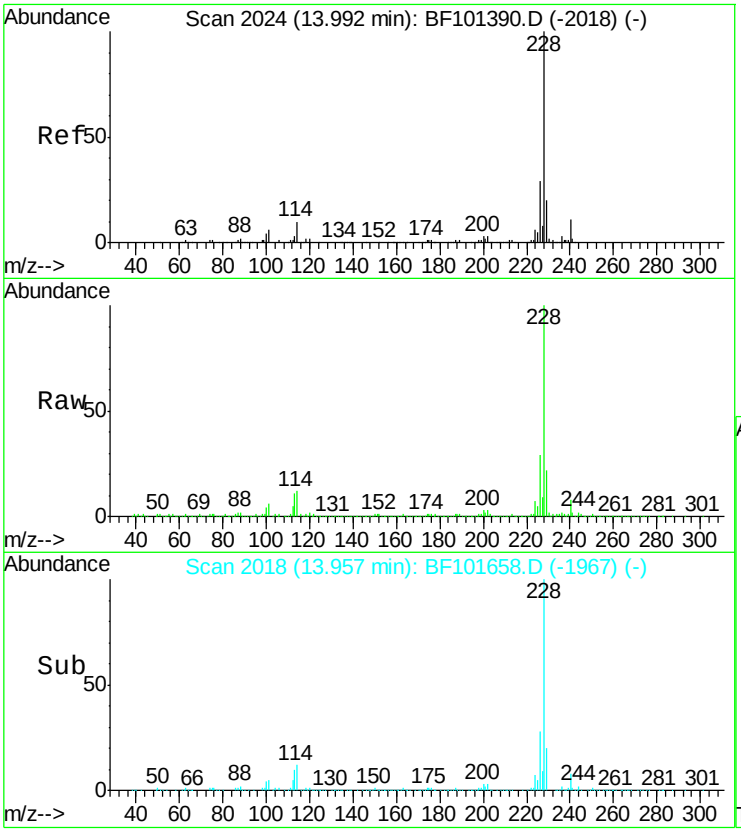


#78
Terphenyl-d14
Concen: 38.130 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:244 Resp: 450060

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4



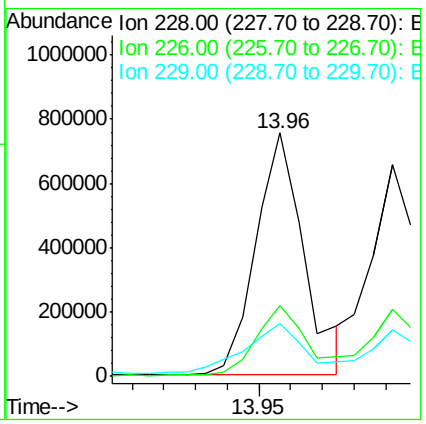


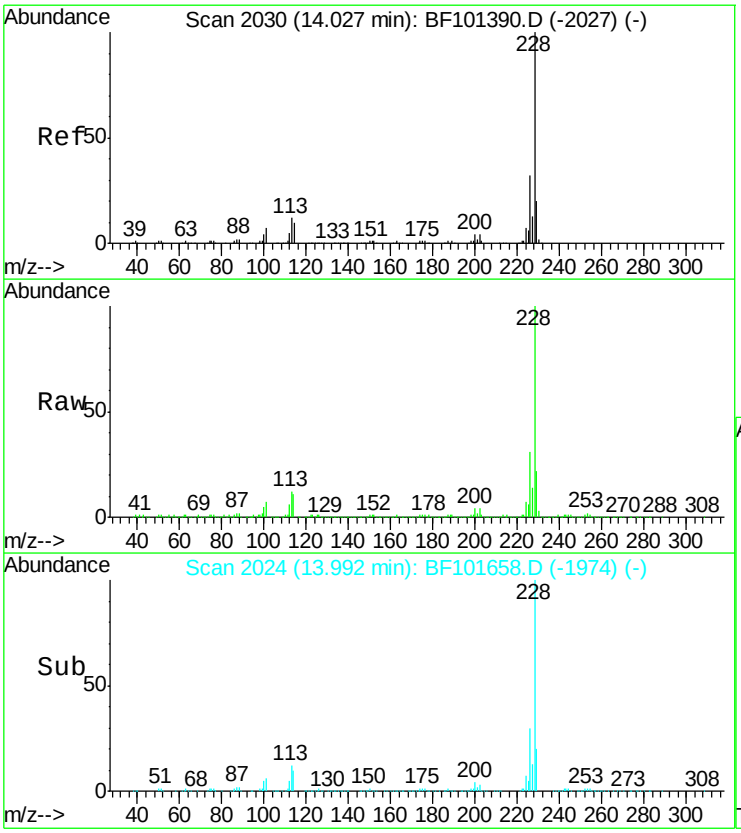
#80
Benzo(a)anthracene
Concen: 41.997 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:228 Resp: 789085

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.6	15.8	23.6

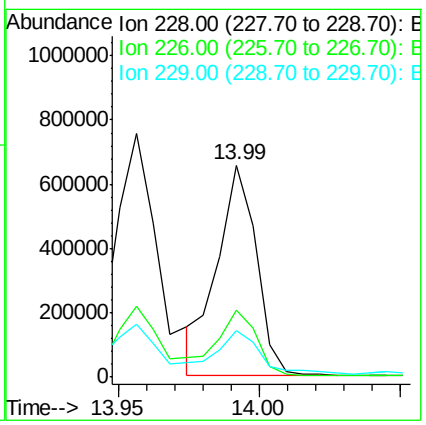


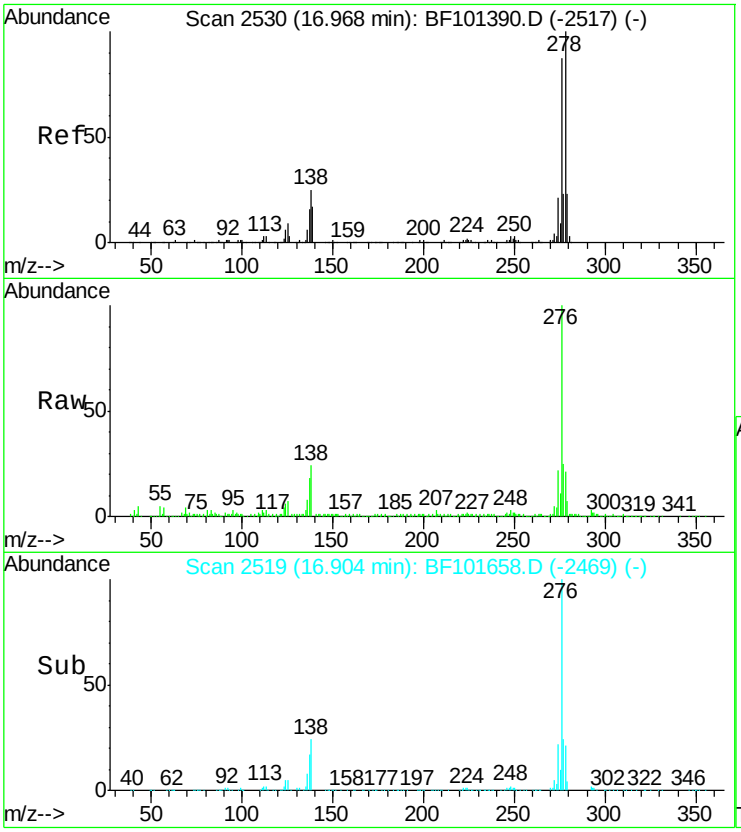


#82
Chrysene
Concen: 35.794 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:228 Resp: 635007

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.0	16.2	24.4



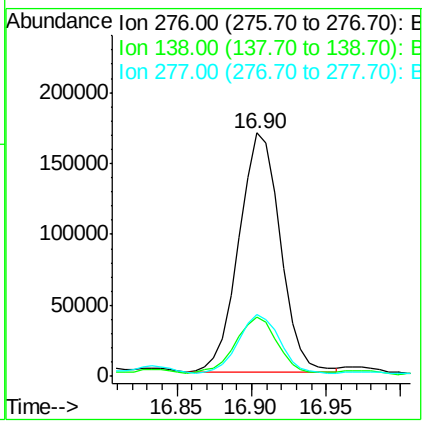


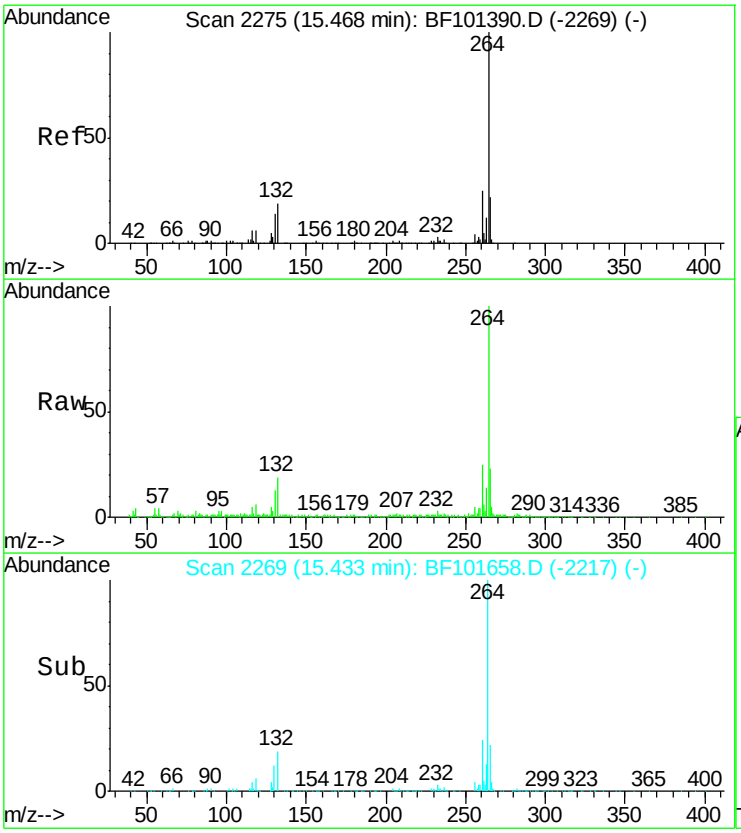
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.542 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:276 Resp: 324513

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	24.6	20.1	30.1

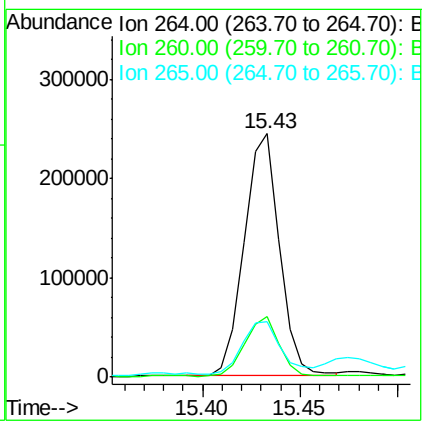


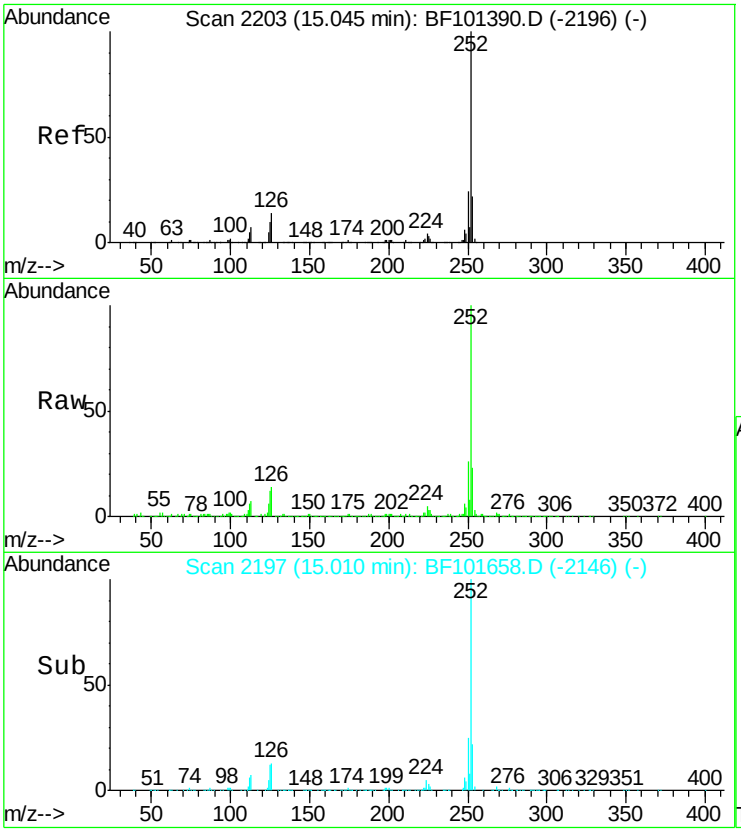


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:264 Resp: 306161

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.7	17.5	26.3



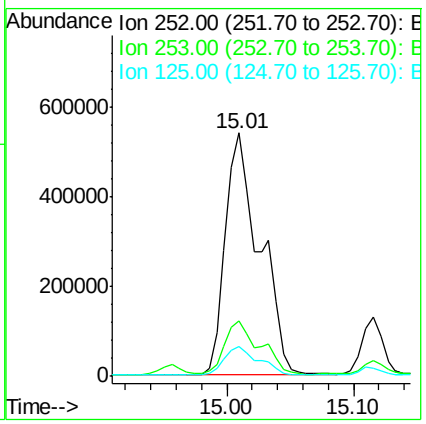


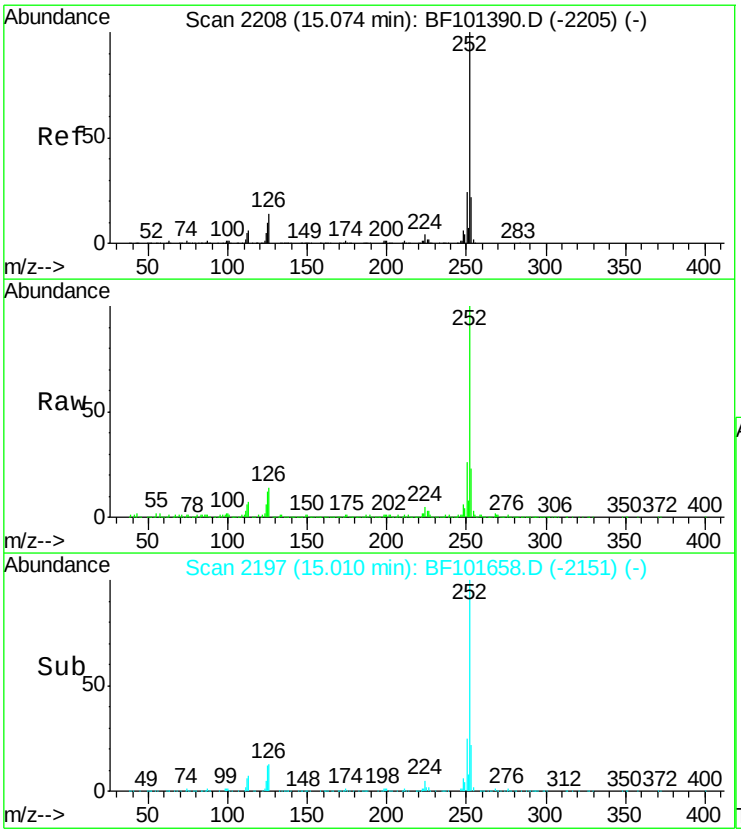
#87
Benzo(b)fluoranthene
Concen: 54.597 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:252 Resp: 1018840

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	12.2	9.0	13.6

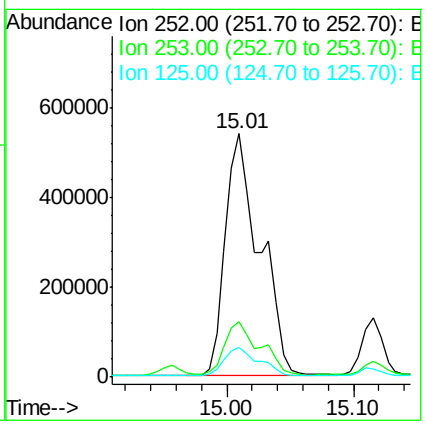


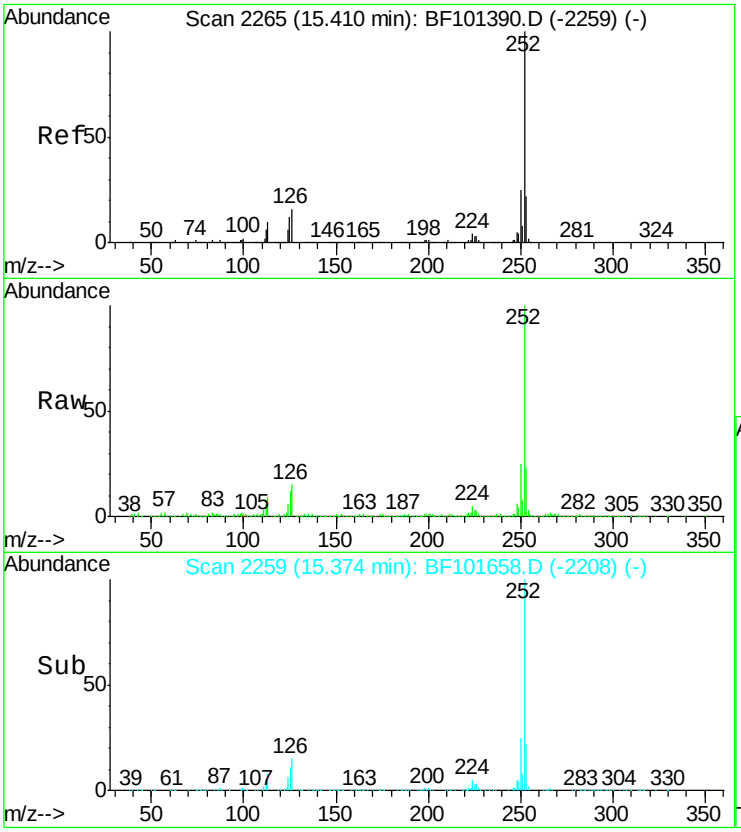


#88
Benzo(k)fluoranthene
Concen: 56.141 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:252 Resp: 1018610

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.2	10.2	15.2



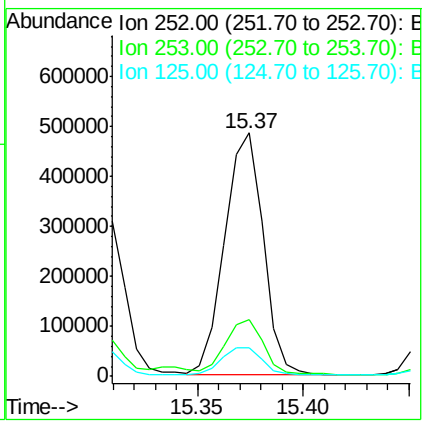


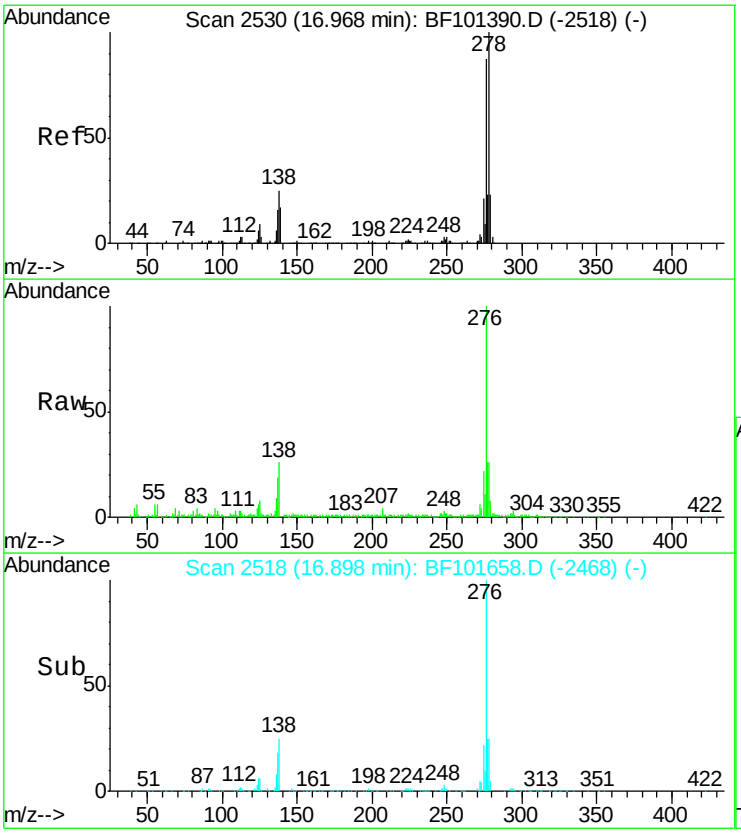
#89
Benzo(a)pyrene
Concen: 35.563 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:252 Resp: 611794

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	11.7	9.8	14.6

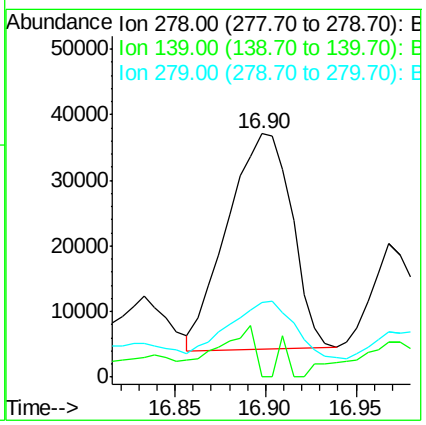


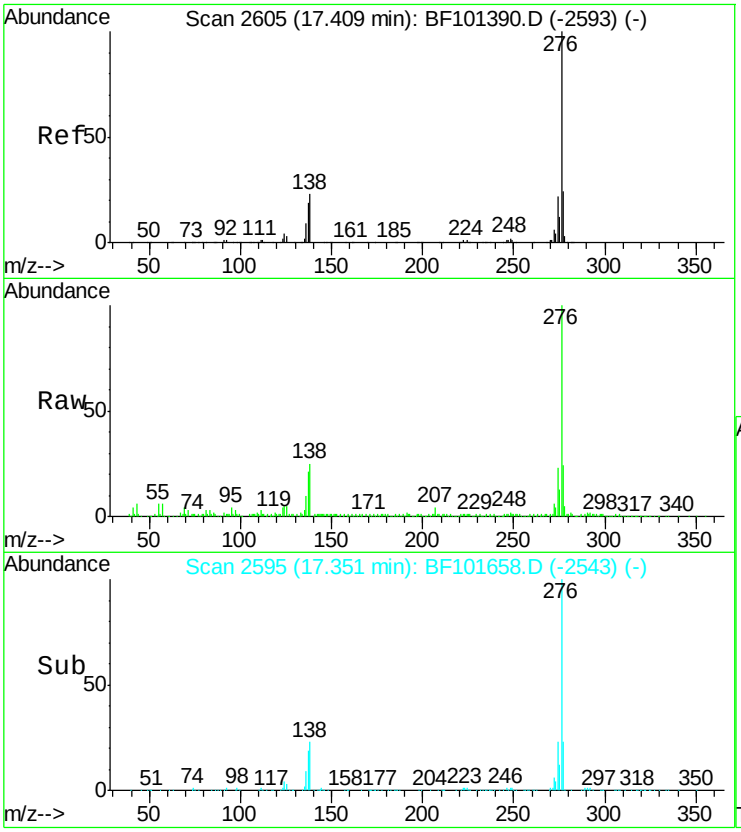


#90
Dibenzo(a,h)anthracene
Concen: 5.493 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Tgt Ion:278 Resp: 81129

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	30.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 20.901 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BF101658.D
Acq: 22 Dec 2017 17:26

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:276 Resp: 305695

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	24.5	21.8	32.8