Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101726.D
Acq On : 26 Dec 2017 21:07
Operator : SJ/JU
Sample : I7022-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11938

Quant Time: Dec 27 04:56:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125935	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	430471	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	159873	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	282263	20.00	ng		0.00
75) Chrysene-d12	13.97	240	304686	20.00	ng		0.00
86) Perylene-d12	15.43	264	334653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	628787	74.37	ng		0.00
7) Phenol-d6	6.43	99	689413	65.52	ng		0.00
23) Nitrobenzene-d5	7.36	82	432127	55.88	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	116997	75.95	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	600276	58.24	ng		0.00
78) Terphenyl-d14	12.90	244	531346	42.04	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	31395	2.618	ng	#	48
19) n-Nitroso-di-n-propylamine	7.36	70	56751	8.213	ng	#	82
25) Isophorone	7.36	82	432127	27.855	ng	#	64
49) Dimethylphthalate	9.54	163	57804	4.495	ng		100
50) 2,6-Dinitrotoluene	9.82	165	21294	8.147	ng	#	26
56) 2,4-Dinitrotoluene	9.82	165	21294	7.231	ng	#	24
66) 4-Bromophenyl-phenylether	10.62	248	7052	2.223	ng	#	1
70) Phenanthrene	11.34	178	169184	10.778	ng		99
71) Anthracene	11.40	178	51780	3.229	ng		98
74) Fluoranthene	12.53	202	388882	23.603	ng		98
77) Pyrene	12.76	202	370935	16.222	ng		99
80) Benzo(a)anthracene	13.96	228	257312	12.790	ng		98
82) Chrysene	13.99	228	226119	11.904	ng		99
85) Indeno(1,2,3-cd)pyrene	16.92	276	149159	8.818	ng	#	88
87) Benzo(b)fluoranthene	15.01	252	436610	21.405	ng		96
88) Benzo(k)fluoranthene	15.01	252	436610	22.015	ng		99
89) Benzo(a)pyrene	15.37	252	240967	12.815	ng		97
91) Benzo(g,h,i)perylene	17.37	276	138303	8.651	ng	#	95

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

Quantitation Report (Not Reviewed)

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Data File : BF101726.D
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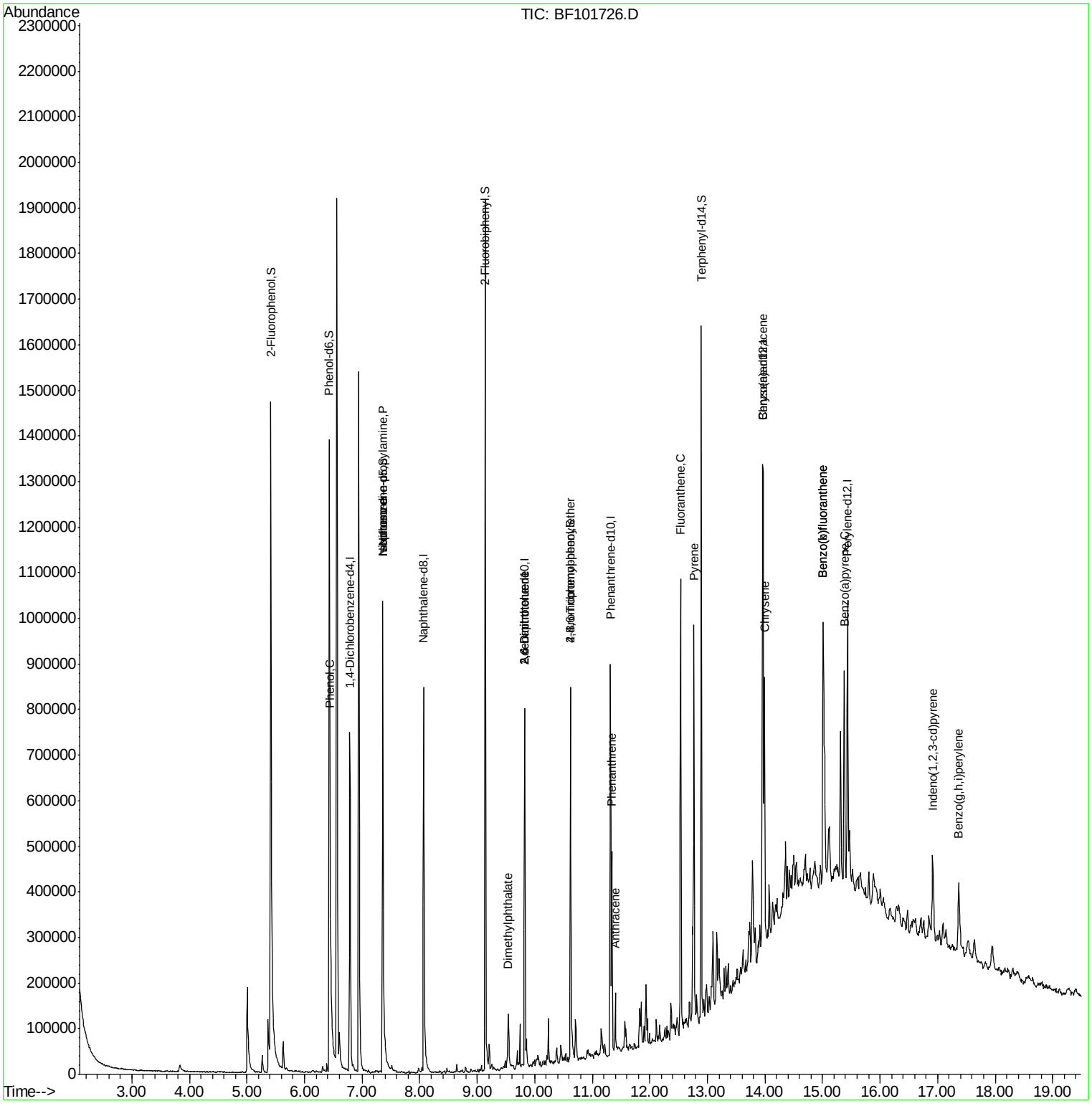
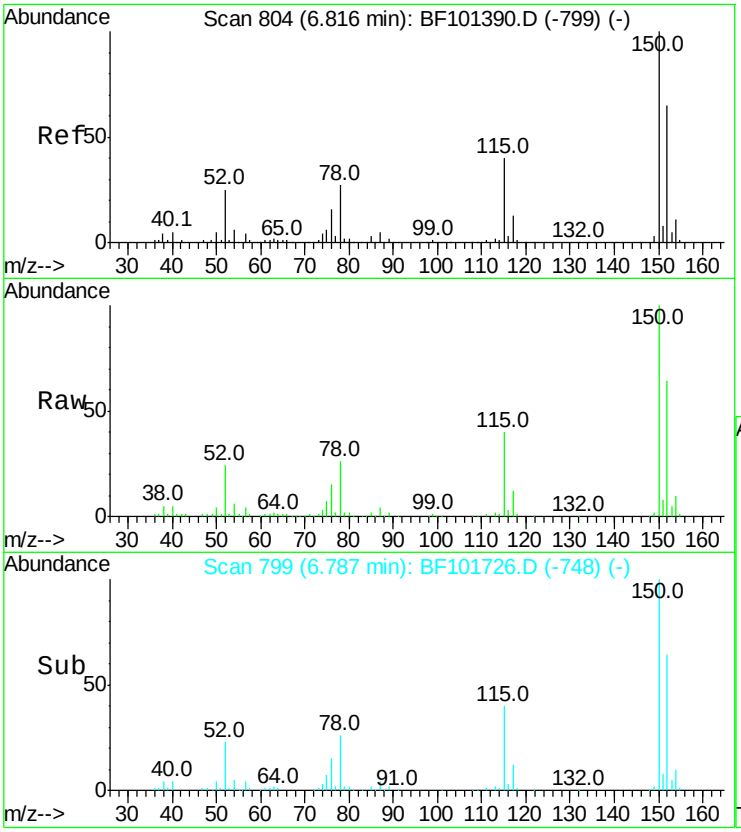


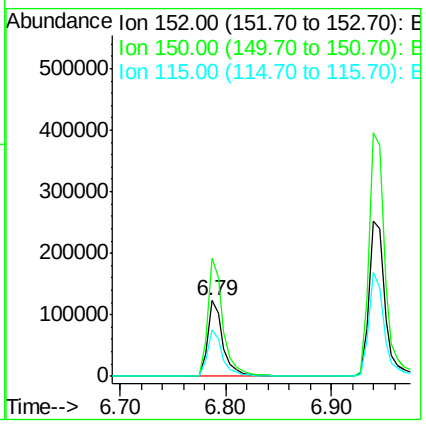


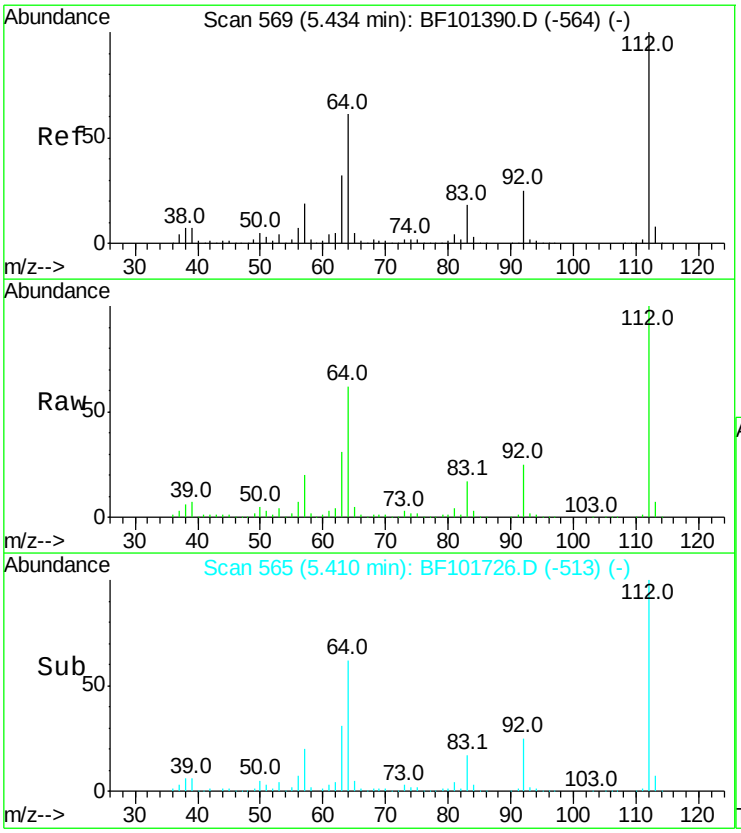
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:152 Resp: 125935

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.2	50.1	75.1

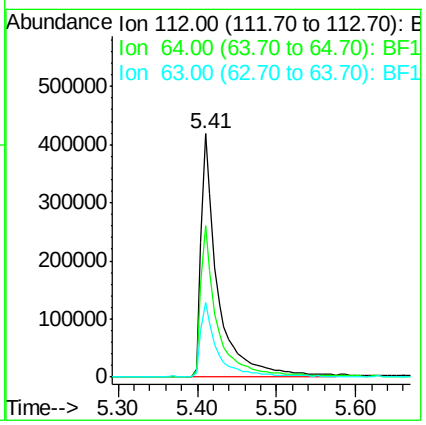


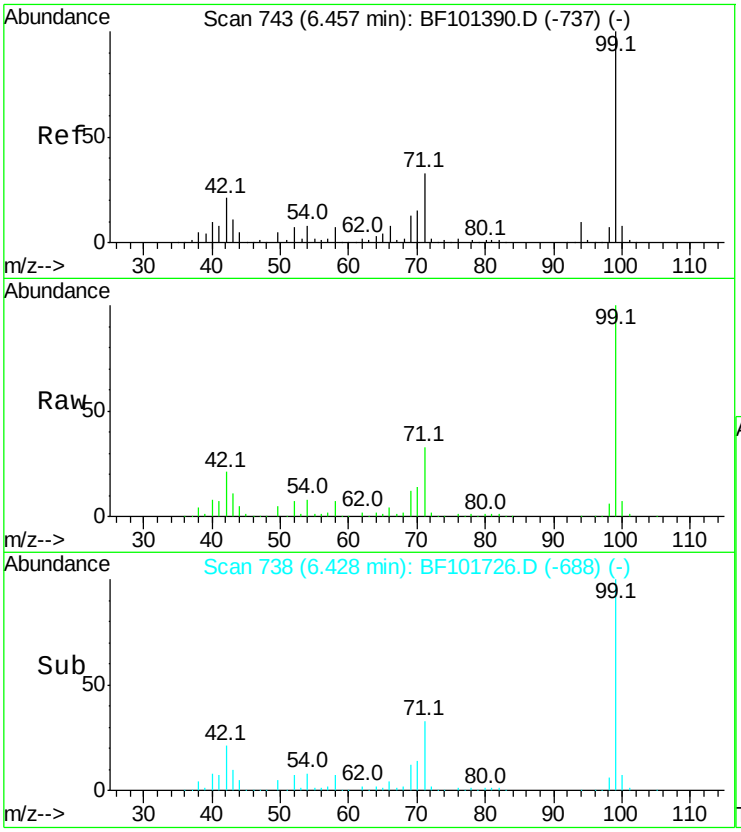


#5
2-Fluorophenol
Concen: 74.374 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:112 Resp: 628787

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	30.8	23.7	35.5



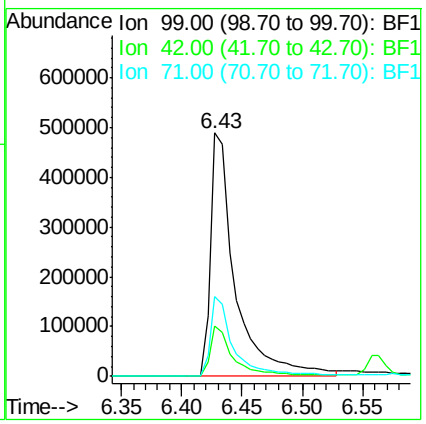


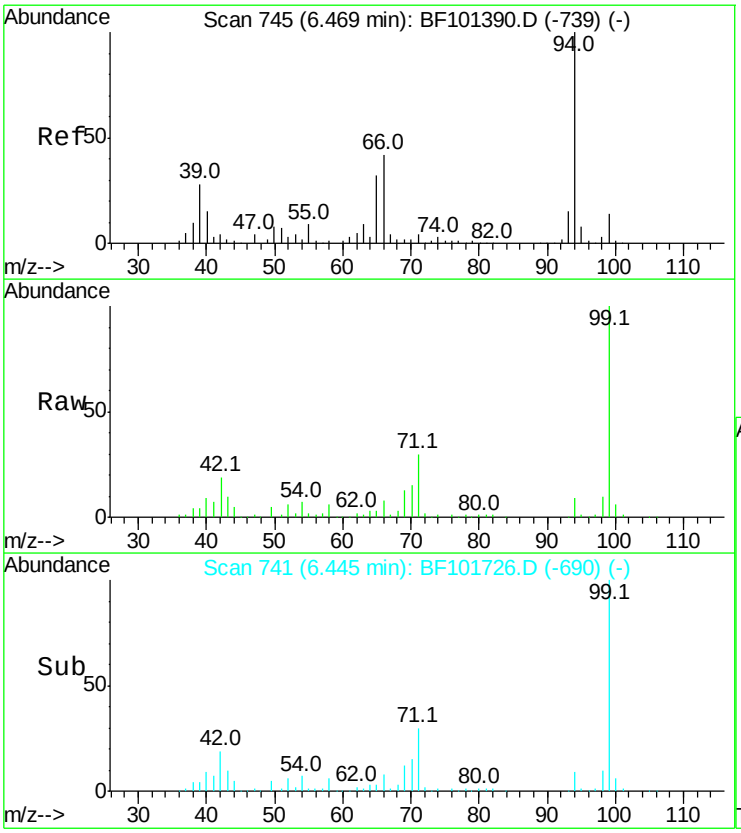
#7
Phenol-d6
Concen: 65.522 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion: 99 Resp: 689413

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	32.8	25.4	38.0

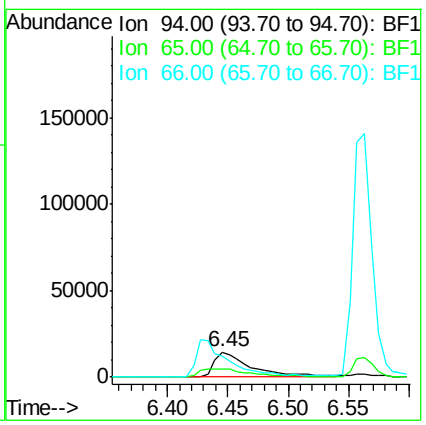


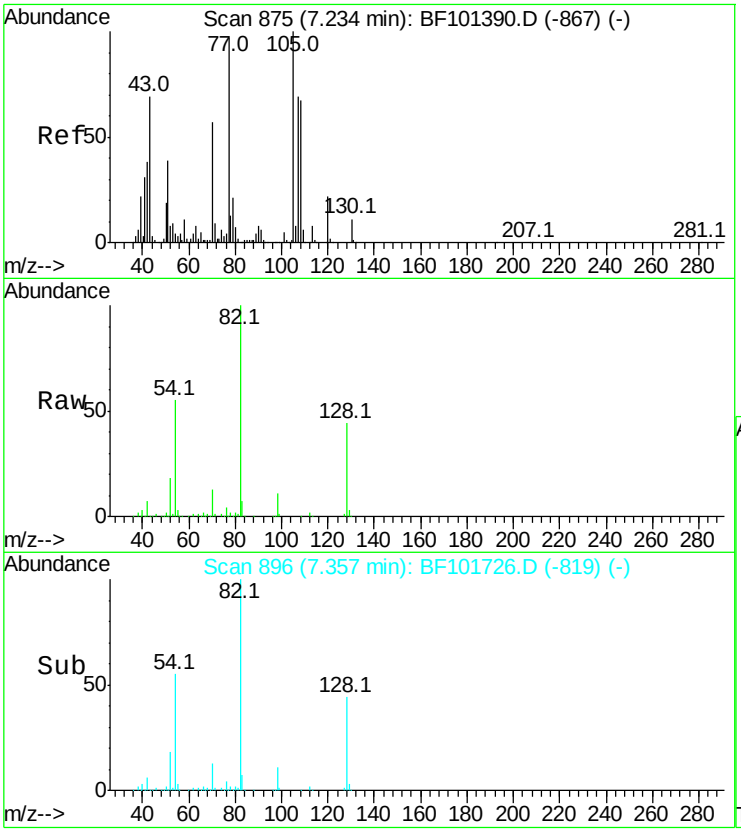


#10
Phenol
Concen: 2.618 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion: 94 Resp: 31395

Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.9	47.9
66	84.2	16.2	56.2#



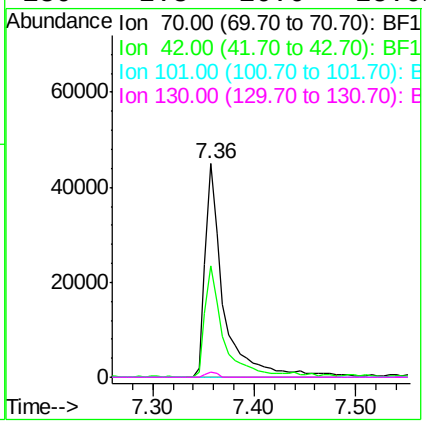


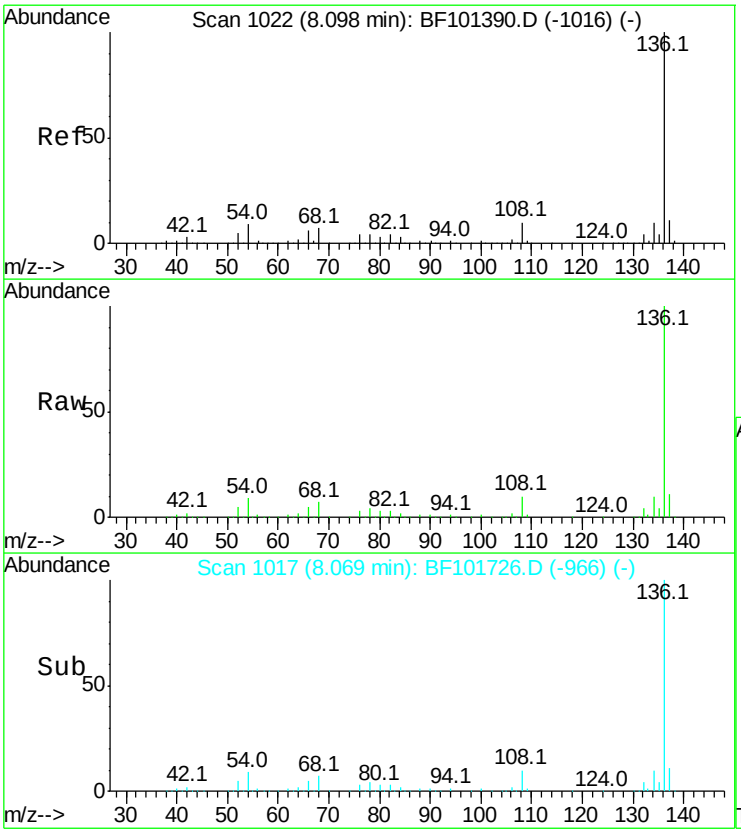
#19
n-Nitroso-di-n-propylamine
Concen: 8.213 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion: 70 Resp: 56751

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

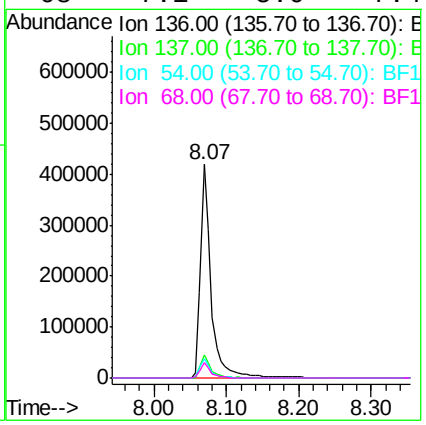


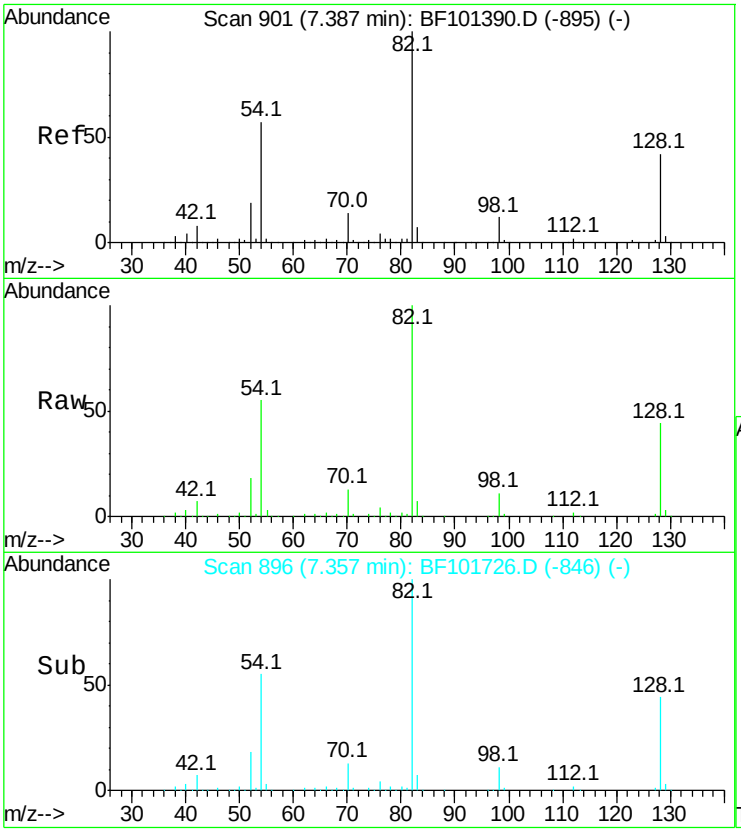


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:136 Resp: 430471

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	7.1	5.0	7.4



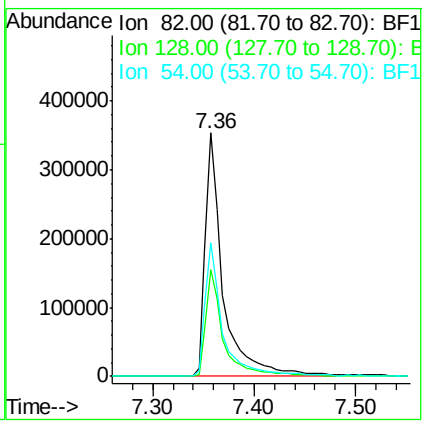


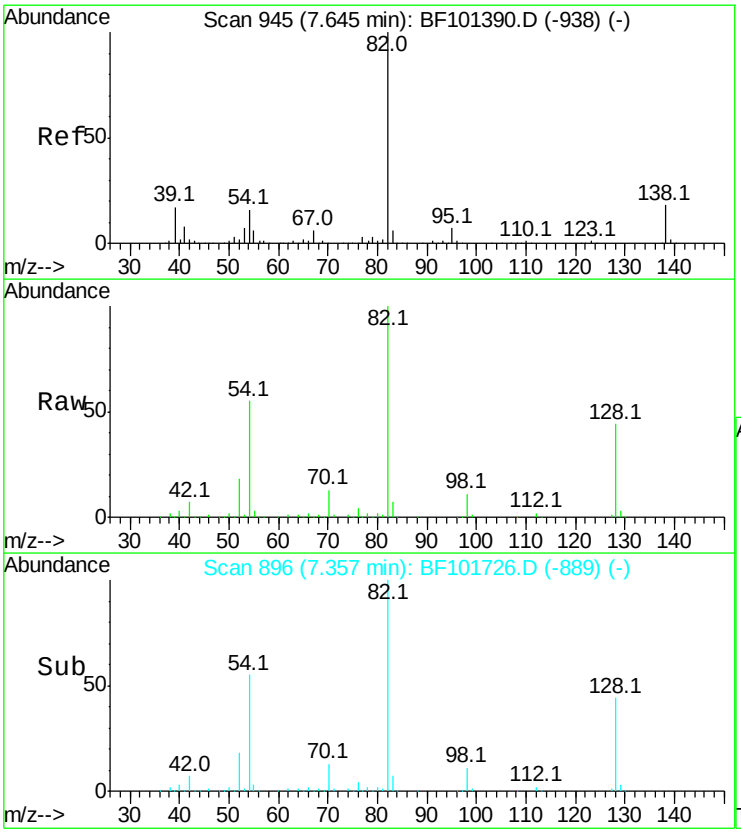
#23
Nitrobenzene-d5
Concen: 55.880 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion: 82 Resp: 432127

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	54.7	41.4	62.2

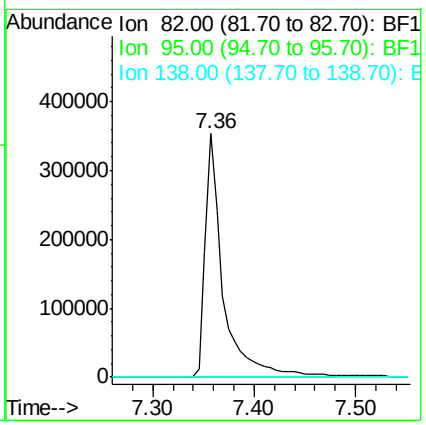


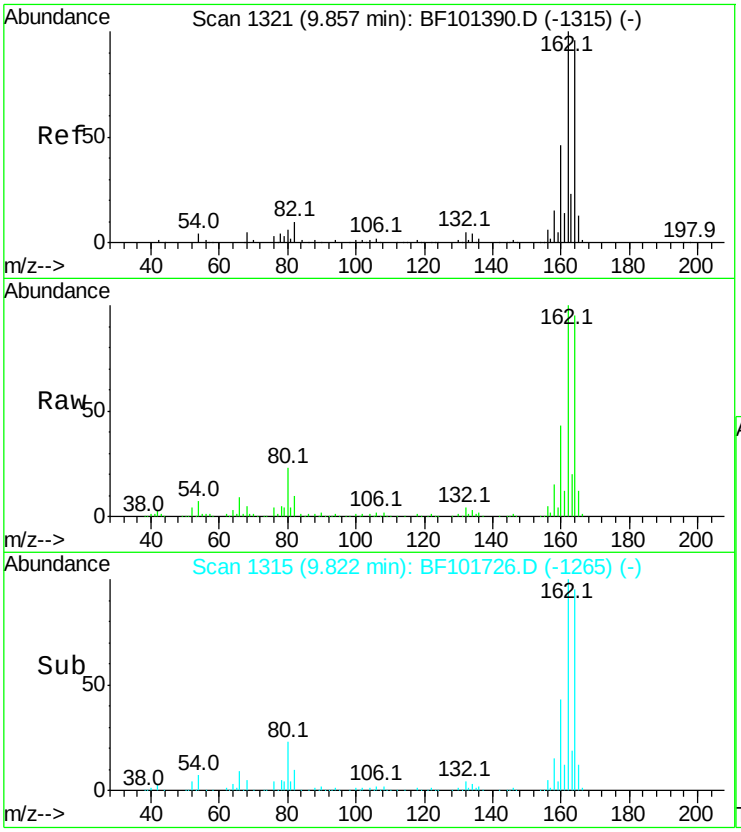


#25
Isophorone
Concen: 27.855 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion: 82 Resp: 432127

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



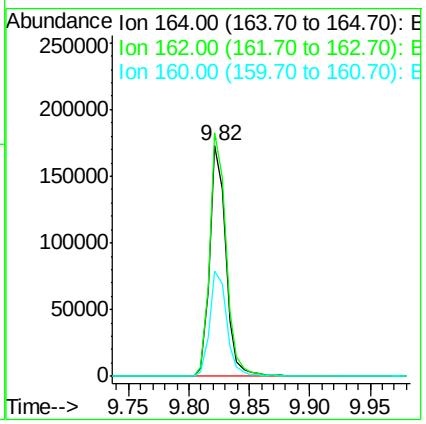


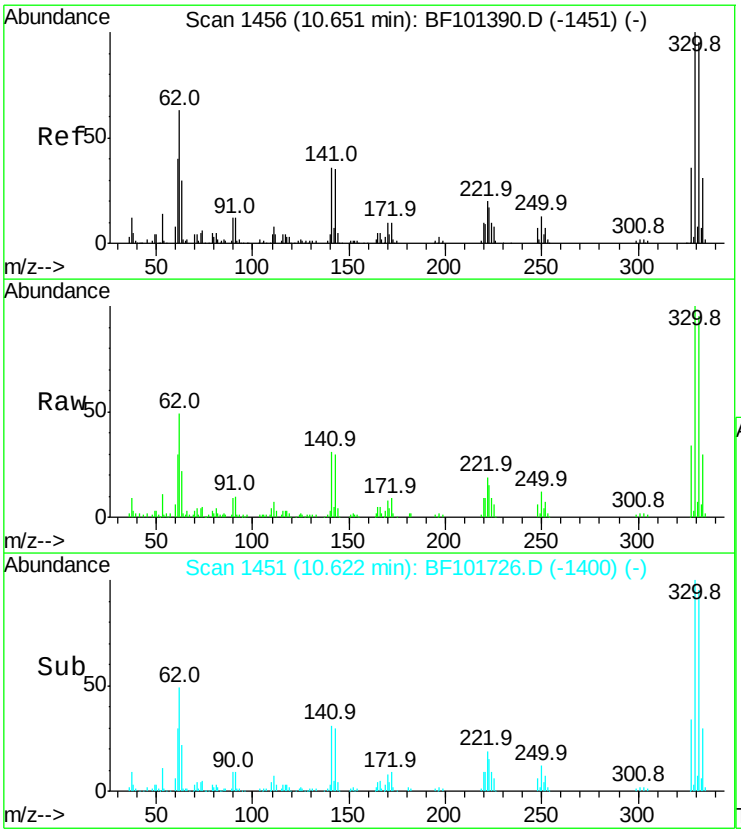
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:164 Resp: 159873

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.9	38.3	57.5

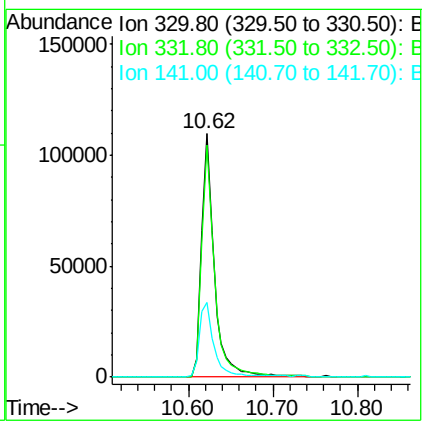


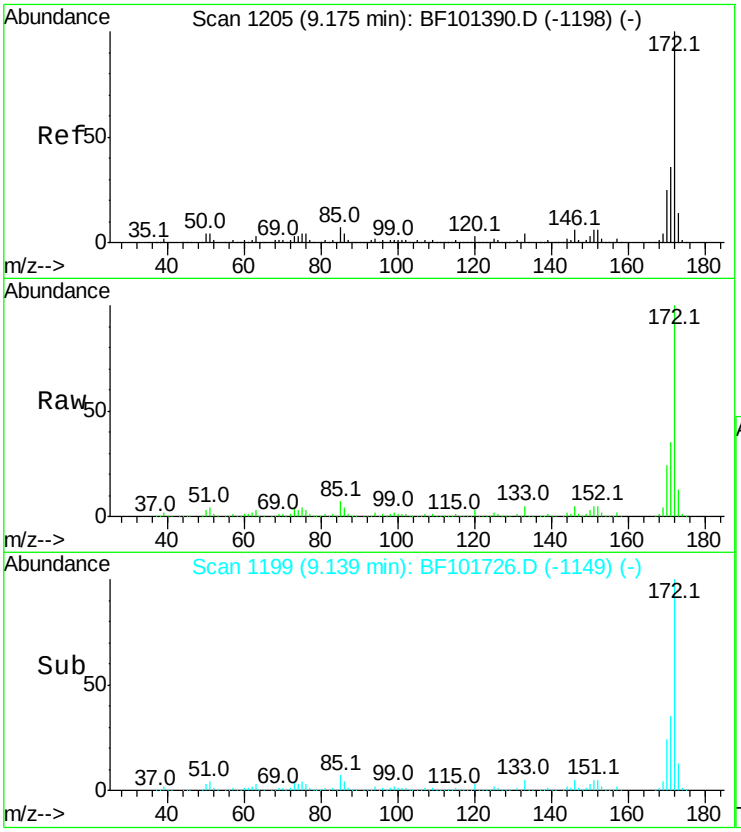


#41
2,4,6-Tribromophenol
Concen: 75.947 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:330 Resp: 116997

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	34.5	29.9	44.9



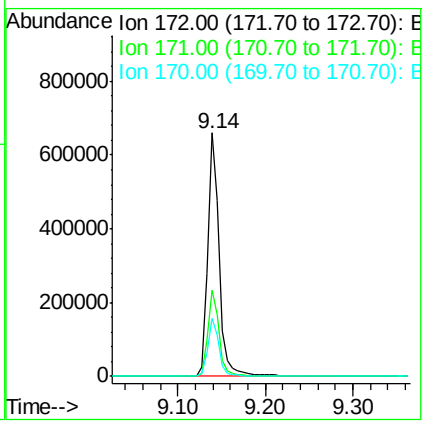


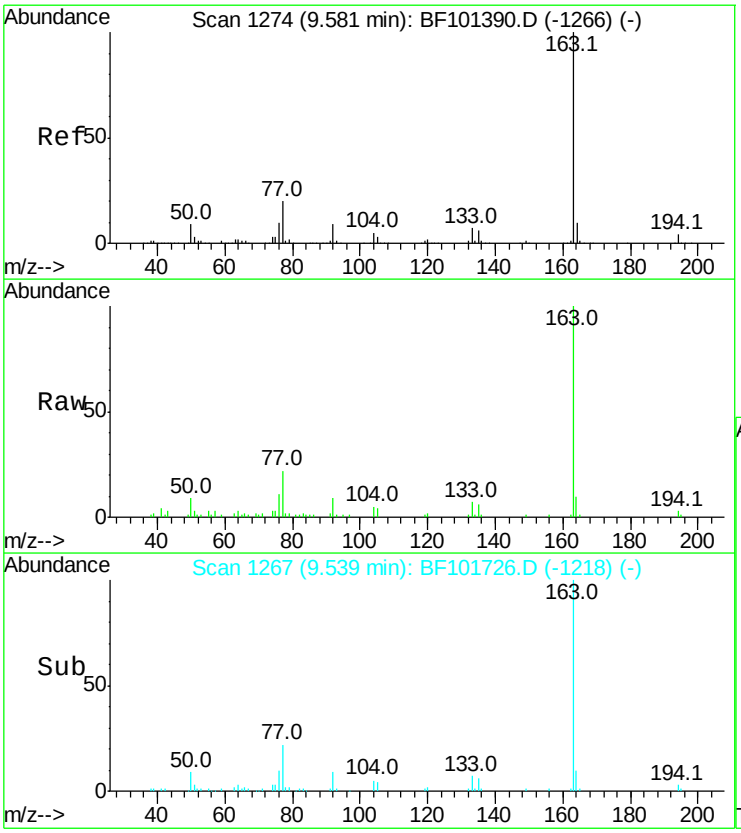
#44
2-Fluorobiphenyl
Concen: 58.245 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:172 Resp: 600276

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4

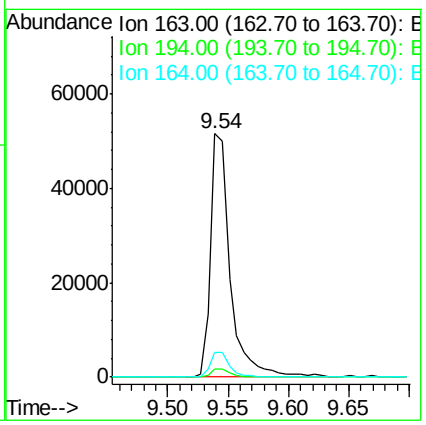


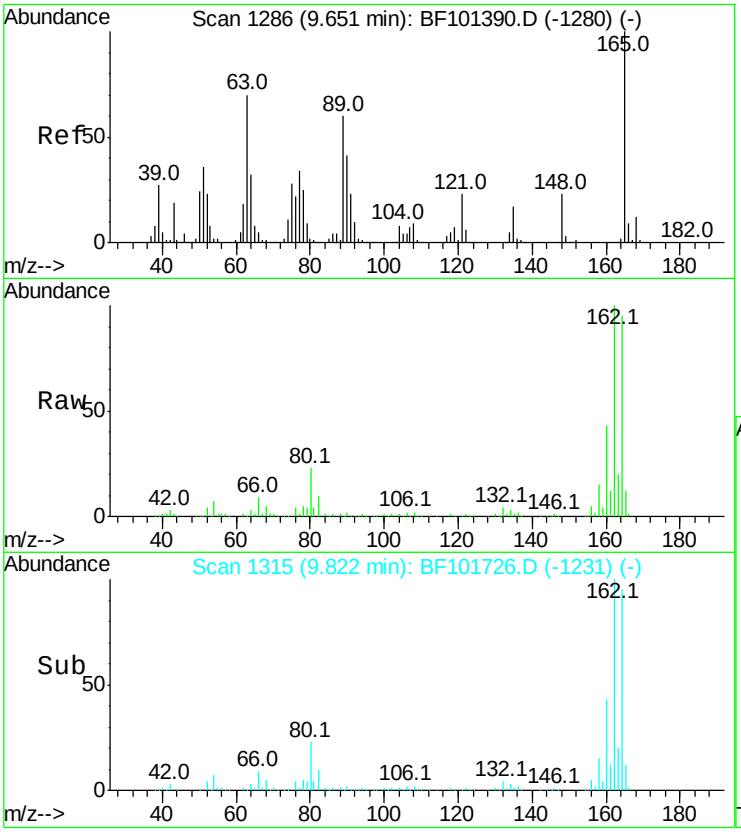


#49
Dimethylphthalate
Concen: 4.495 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:163 Resp: 57804

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2



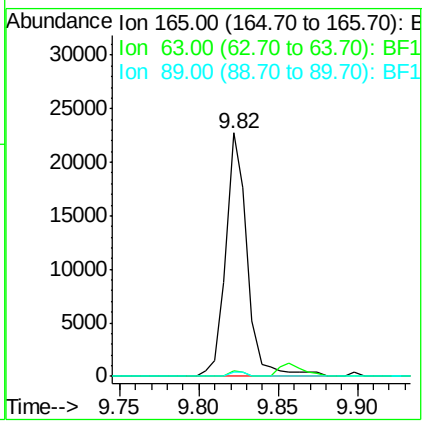


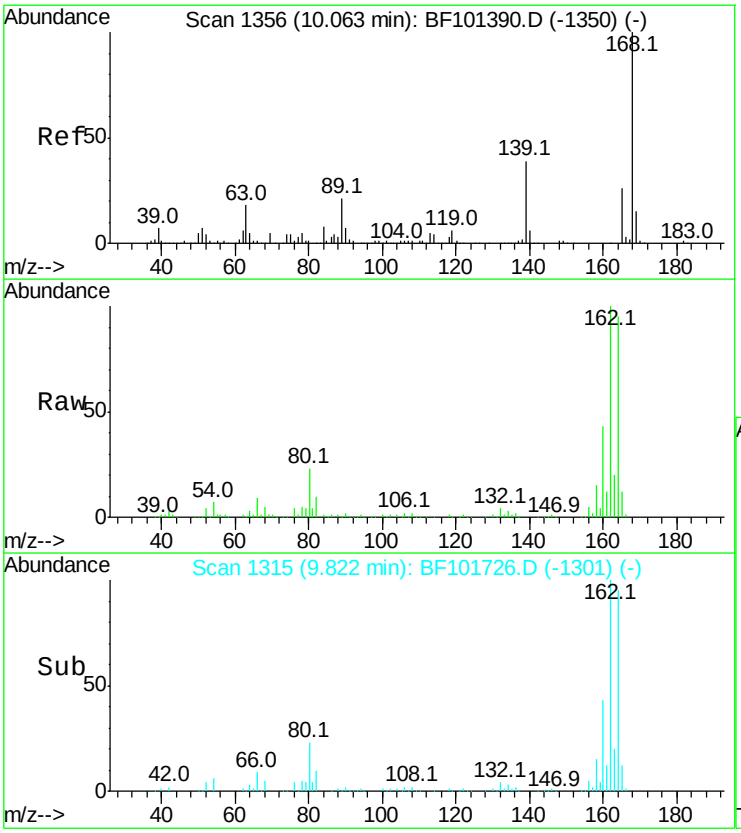
#50
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:165 Resp: 21294

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.7	44.0	66.0#

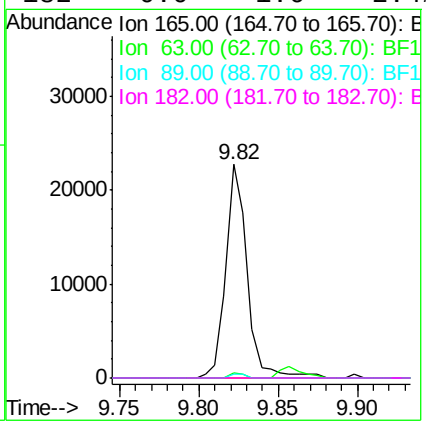


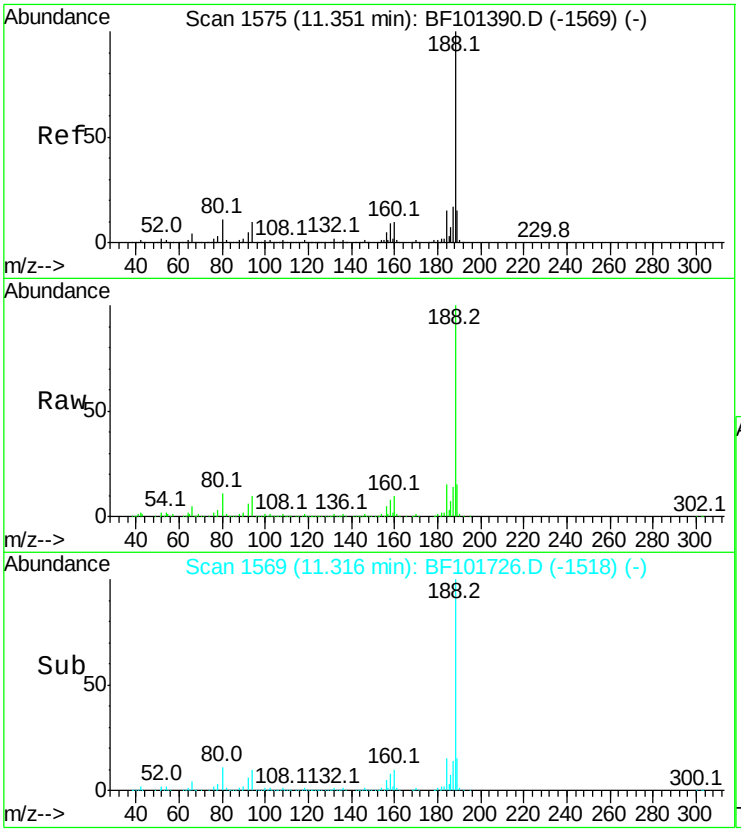


#56
2,4-Dinitrotoluene
Concen: 7.231 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:165 Resp: 21294

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



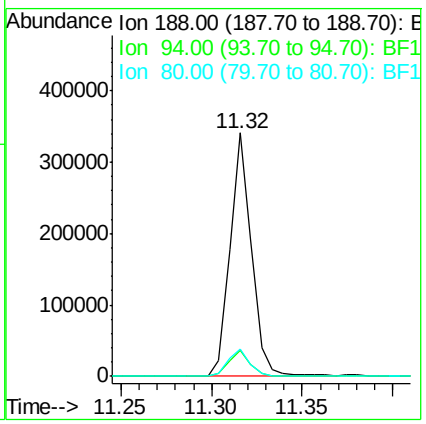


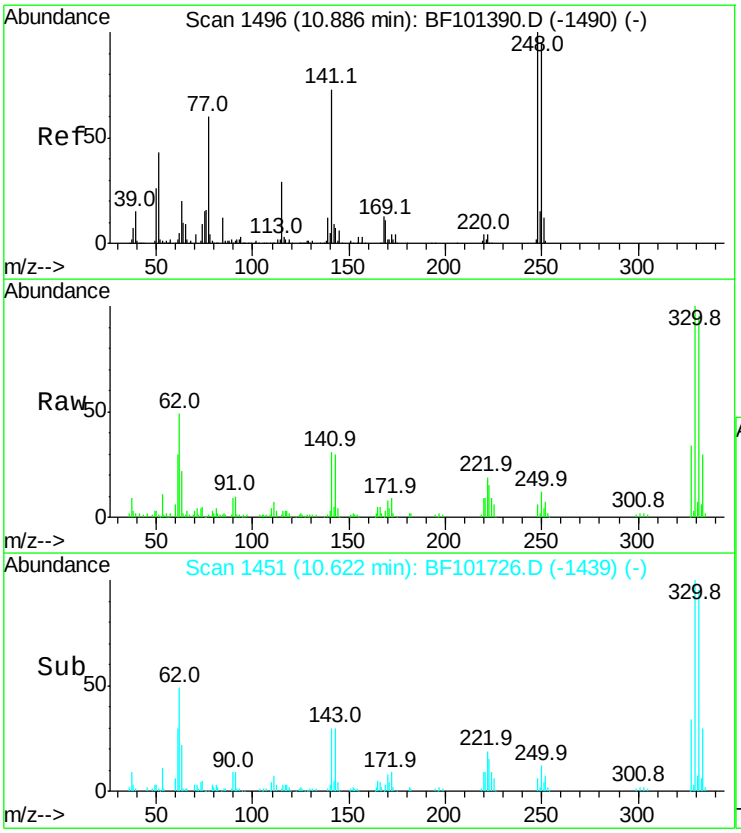
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:188 Resp: 282263

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

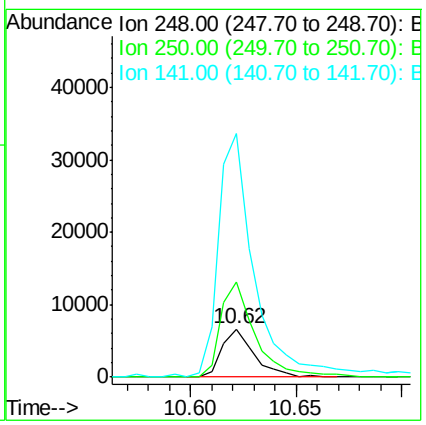


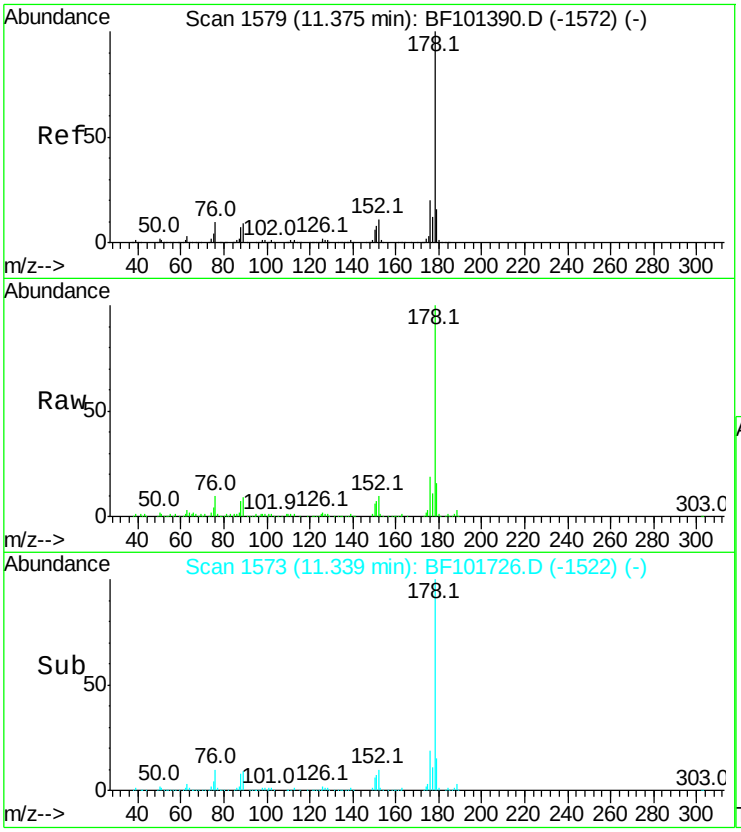


#66
4-Bromophenyl-phenylether
Concen: 2.223 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:248 Resp: 7052

Ion	Ratio	Lower	Upper
248	100		
250	198.1	76.9	115.3#
141	503.7	74.4	111.6#



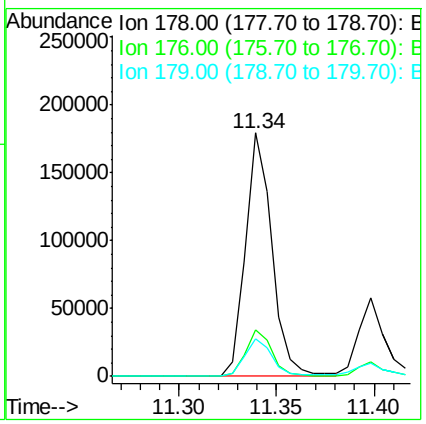


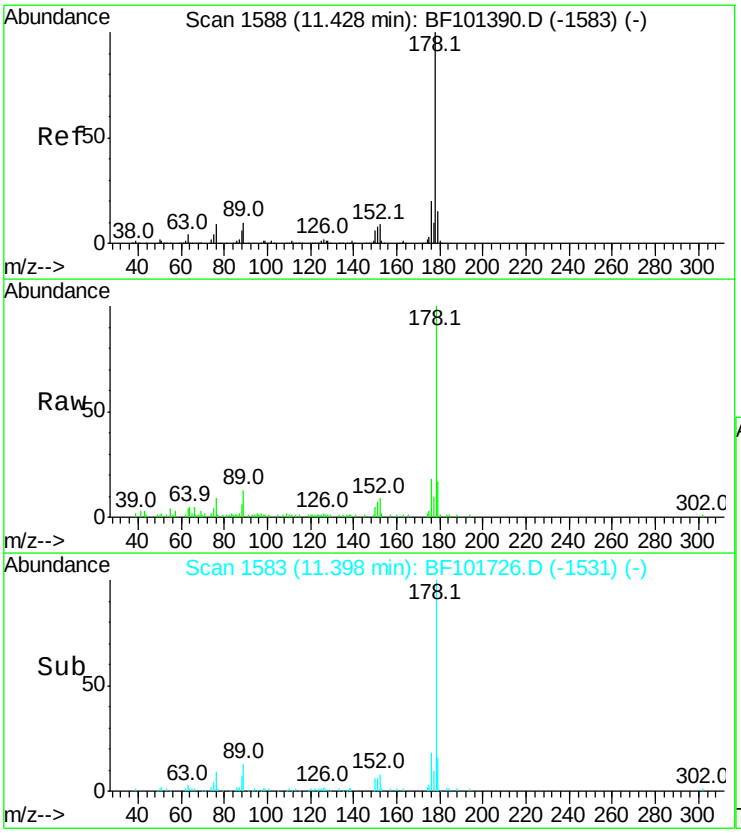
#70
Phenanthrene
Concen: 10.778 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:178 Resp: 169184

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6

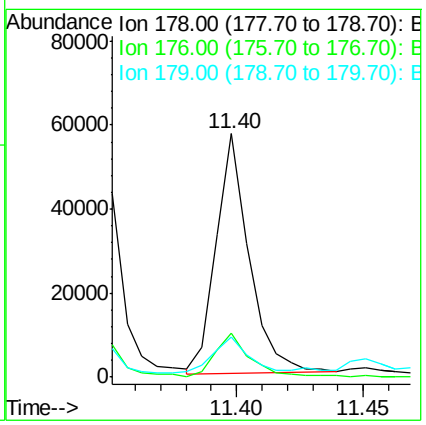


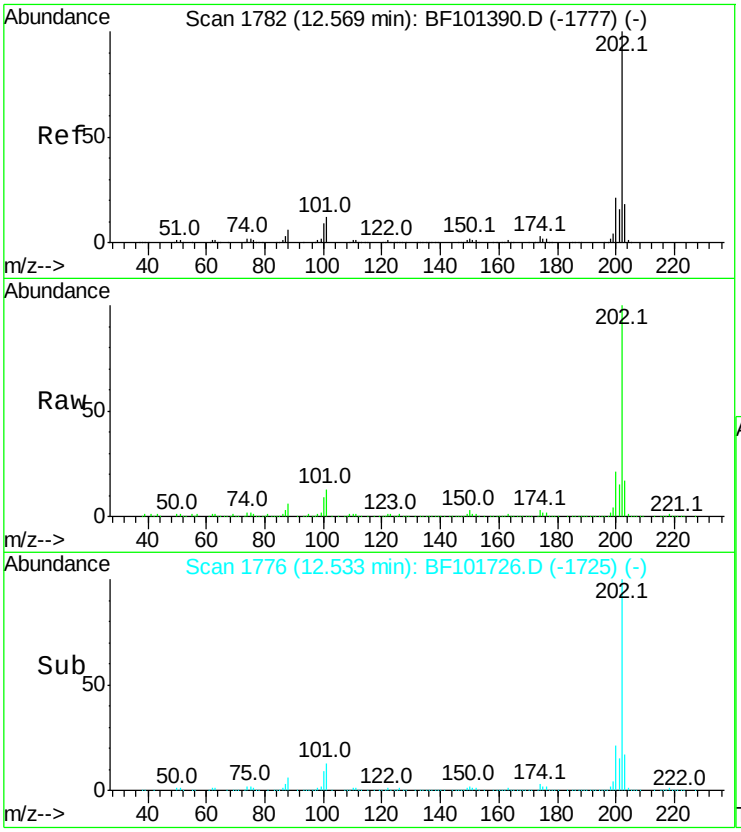


#71
Anthracene
Concen: 3.229 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:178 Resp: 51780

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	16.6	12.6	19.0



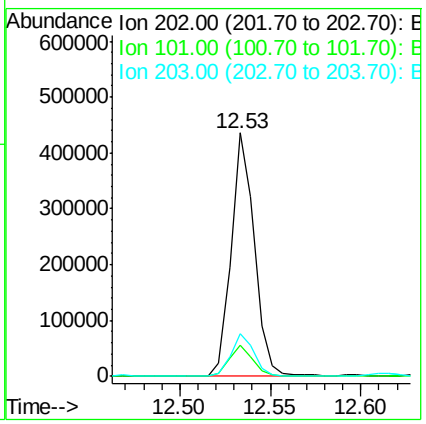


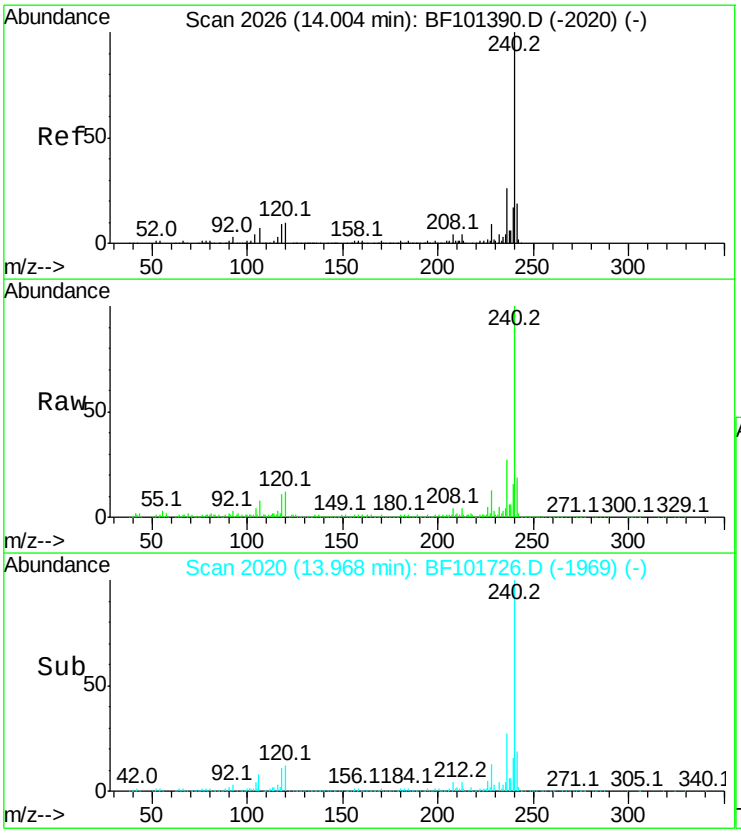
#74
Fluoranthene
Concen: 23.603 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:202 Resp: 388882

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.3	0.0	38.1

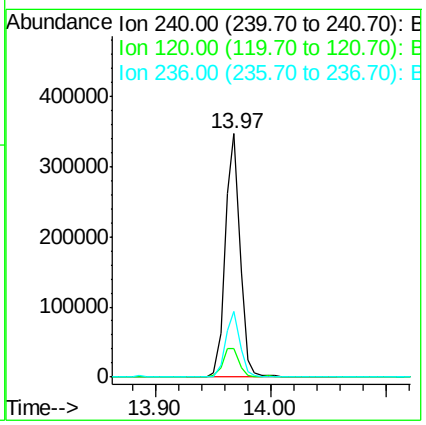


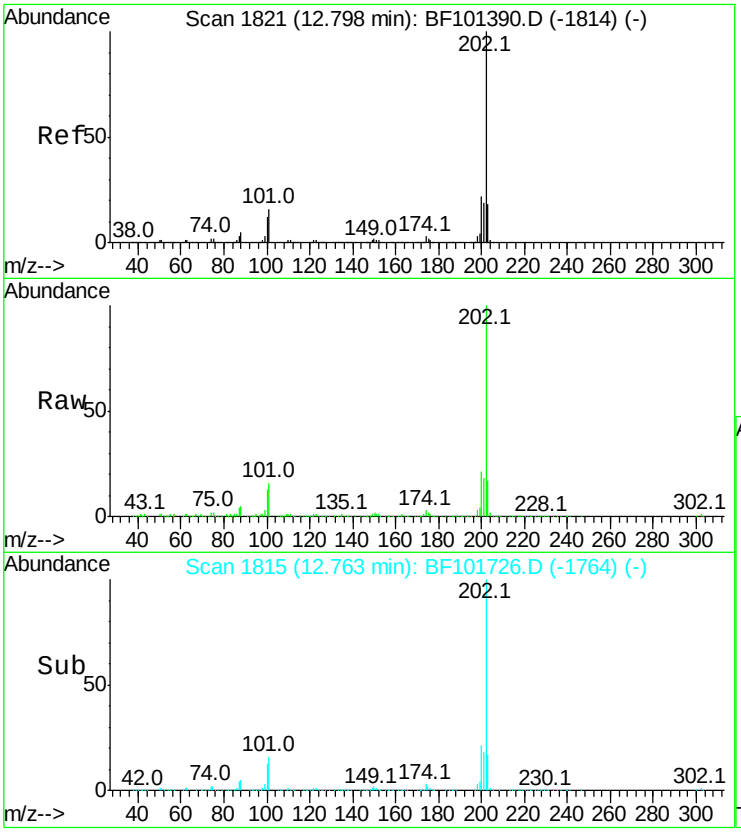


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:240 Resp: 304686

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.8	20.7	31.1



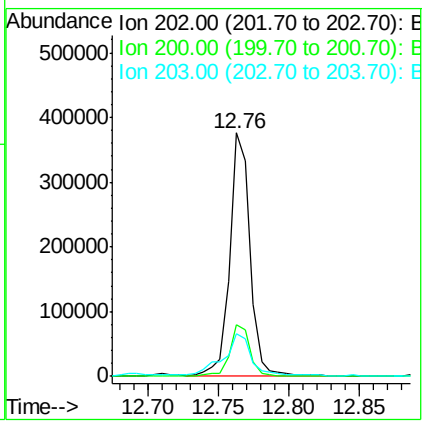


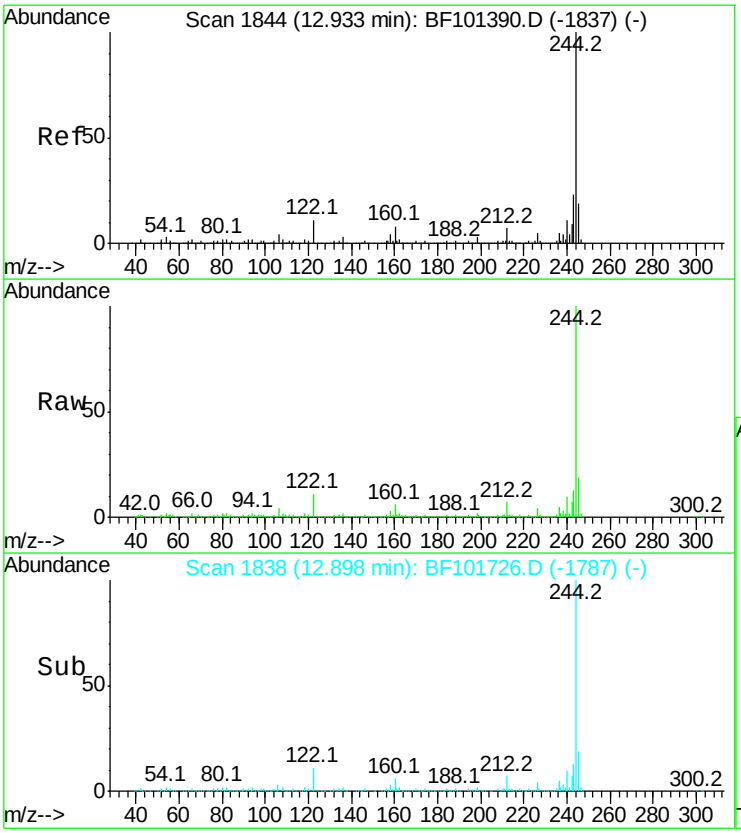
#77
Pyrene
Concen: 16.222 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:202 Resp: 370935

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

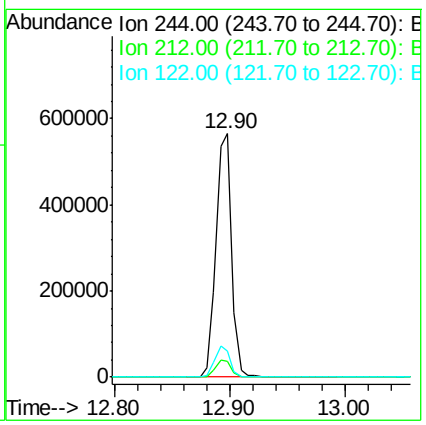


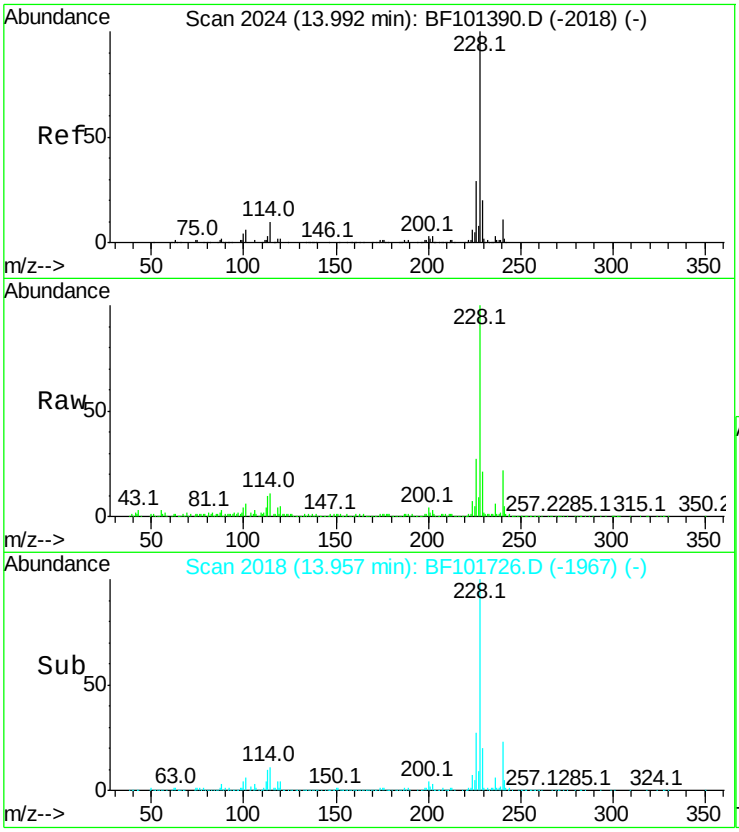


#78
Terphenyl-d14
Concen: 42.042 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:244 Resp: 531346

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.8	11.0	16.4#



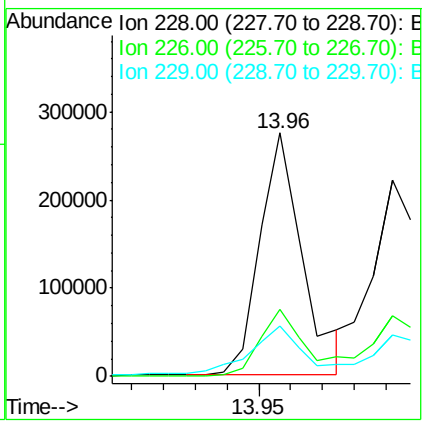


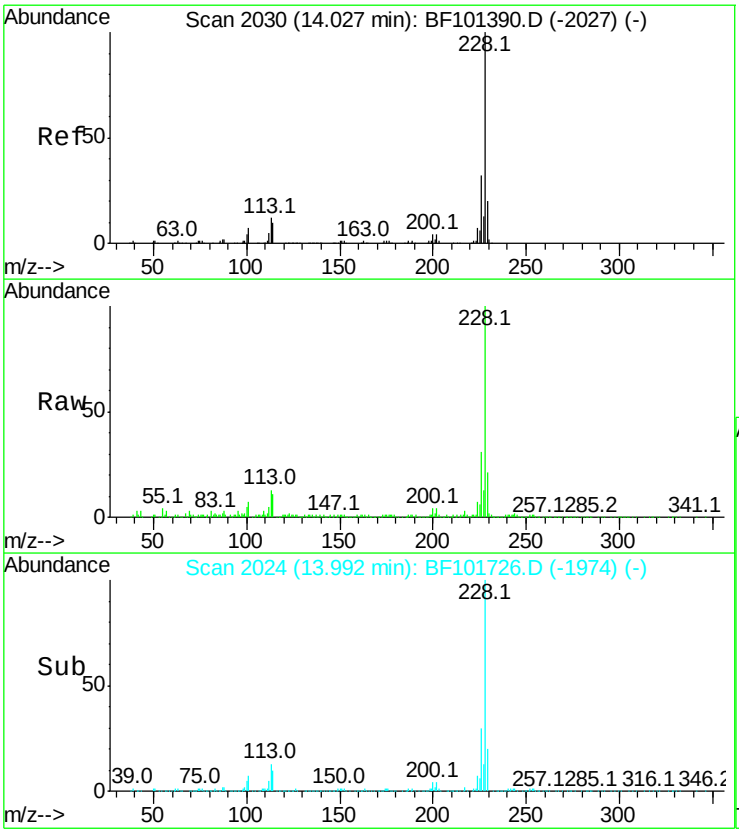
#80
Benzo(a)anthracene
Concen: 12.790 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:228 Resp: 257312

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.8	15.8	23.6

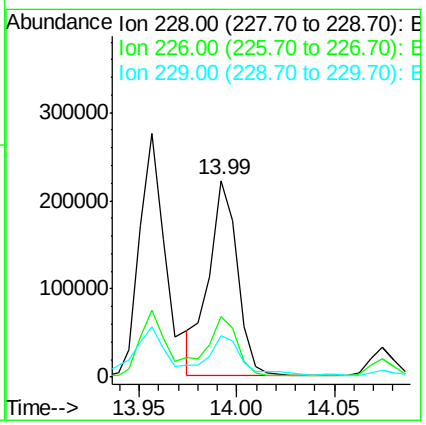


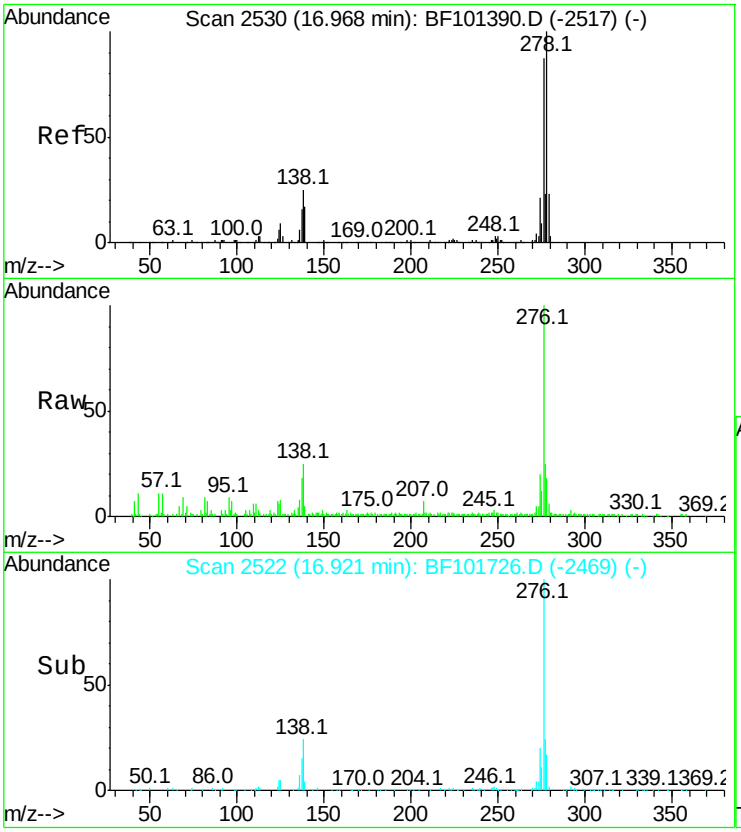


#82
Chrysene
Concen: 11.904 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:228 Resp: 226119

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.9	16.2	24.4



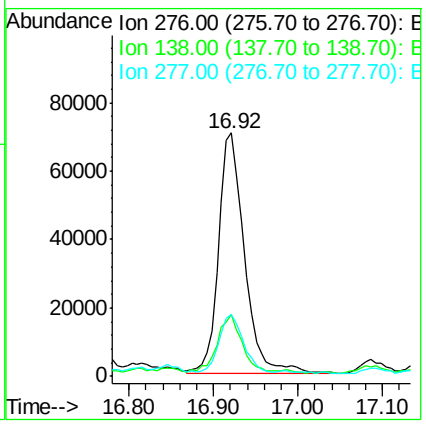


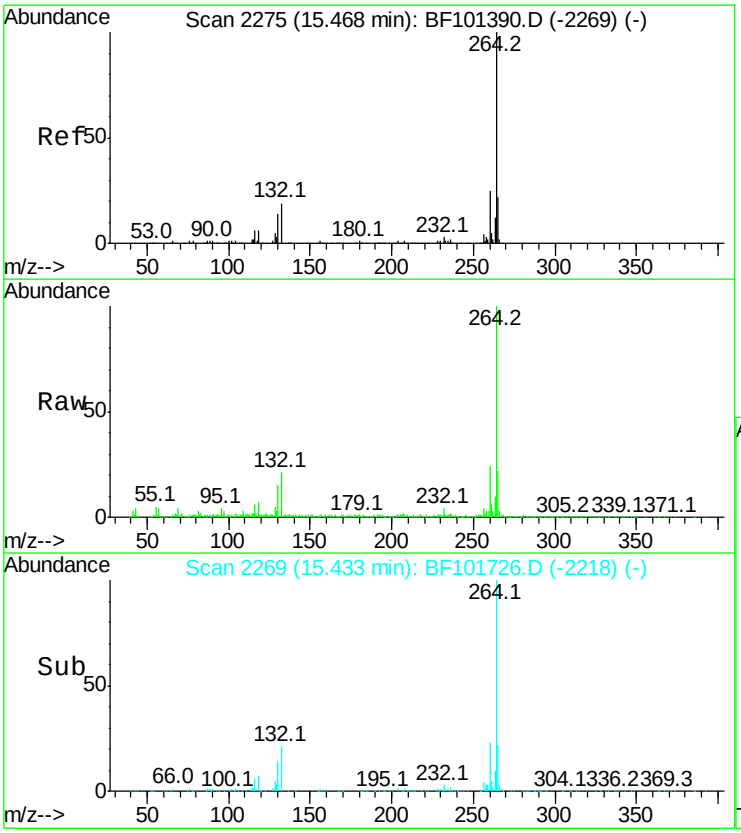
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.818 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:276 Resp: 149159

Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	23.0	20.1	30.1

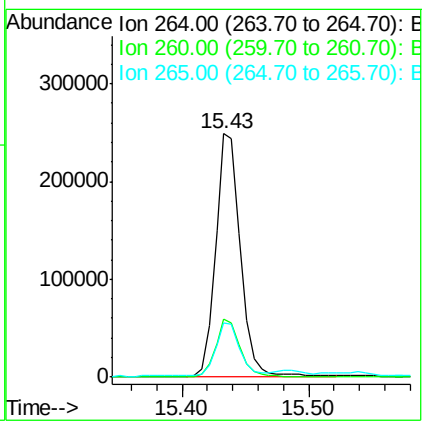


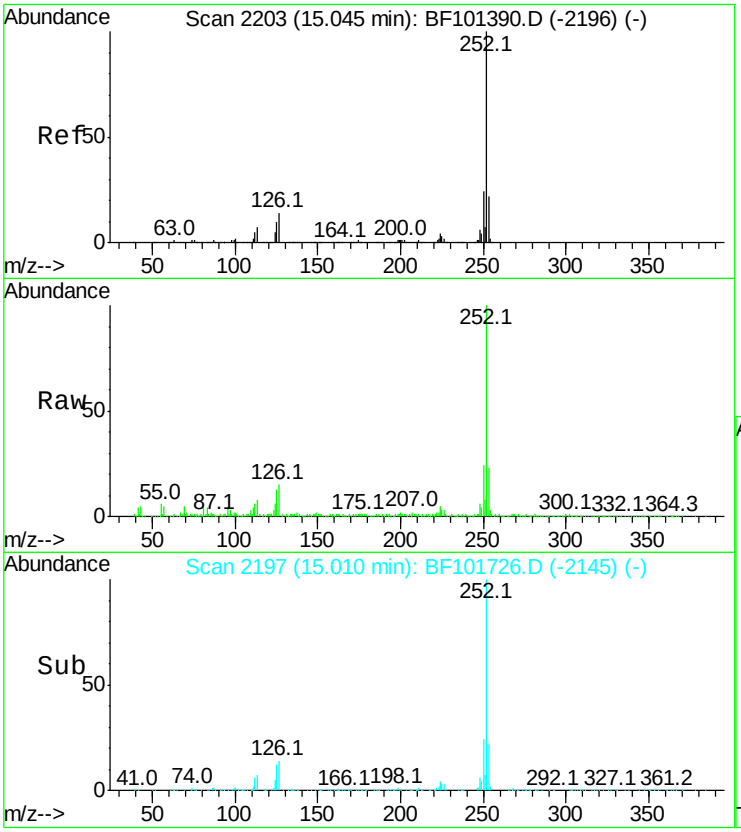


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:264 Resp: 334653

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3



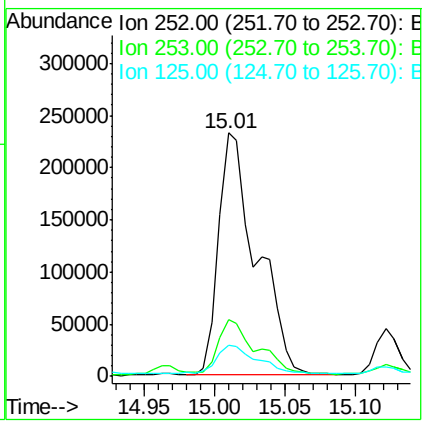


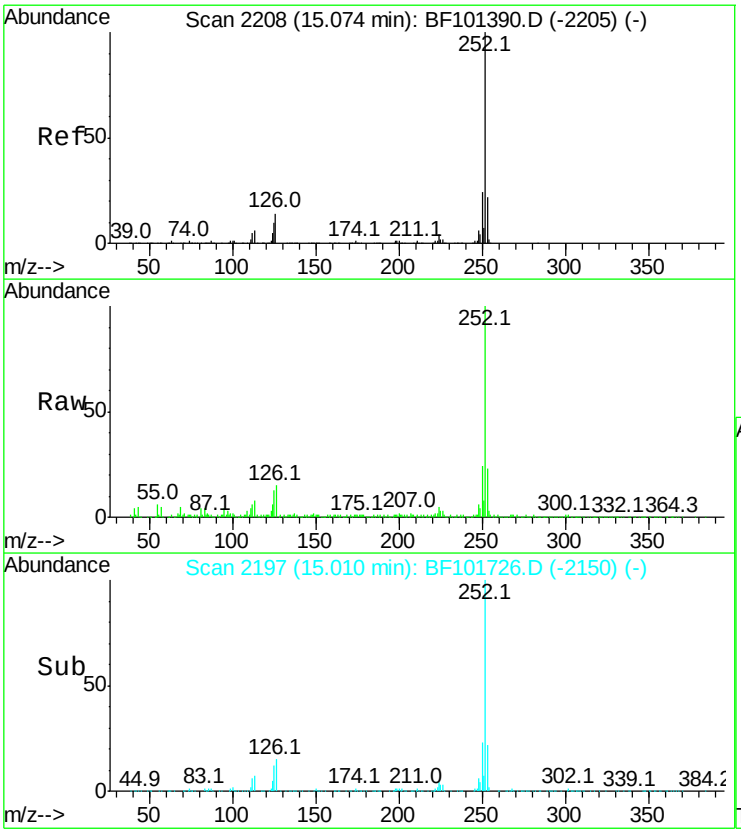
#87
Benzo(b)fluoranthene
Concen: 21.405 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:252 Resp: 436610

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.0	9.0	13.6

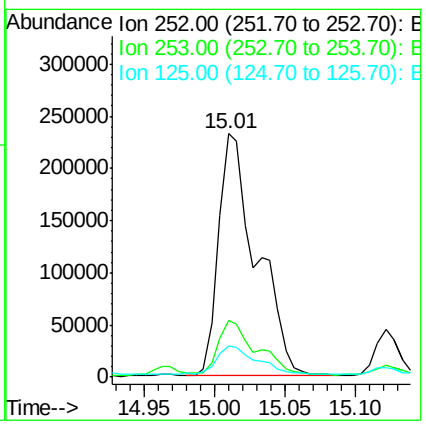


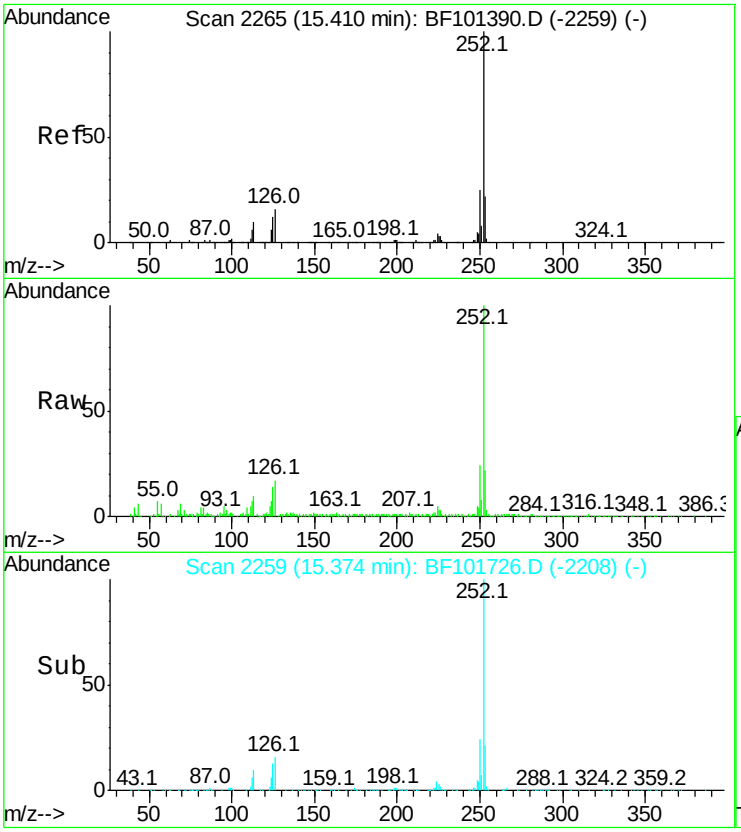


#88
Benzo(k)fluoranthene
Concen: 22.015 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:252 Resp: 436610

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.0	10.2	15.2



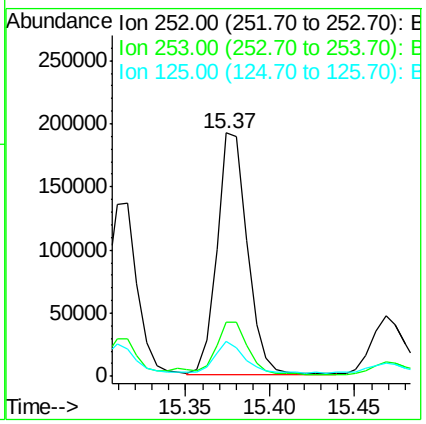


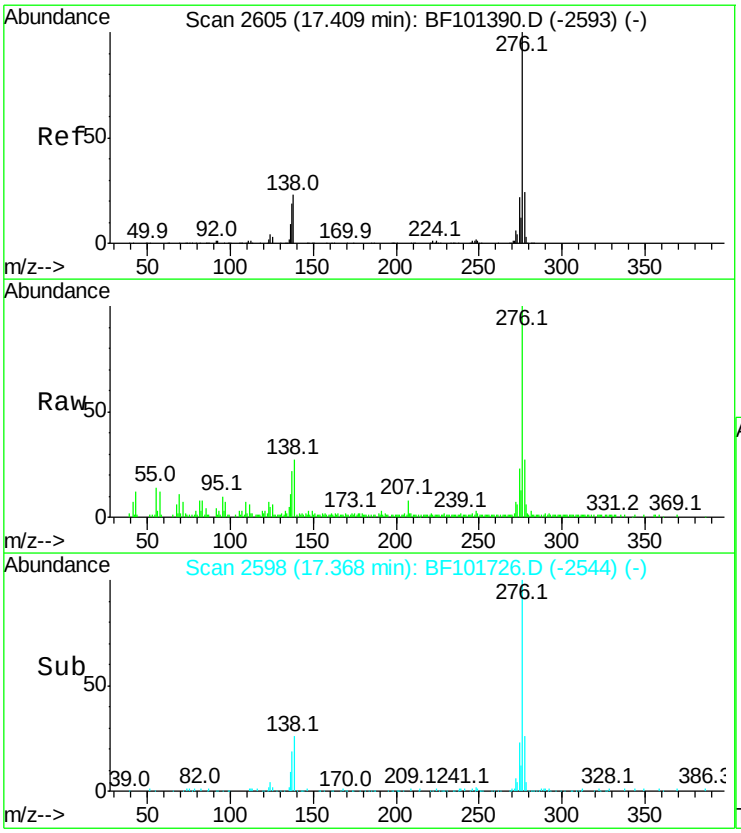
#89
Benzo(a)pyrene
Concen: 12.815 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Instrument :
BNA_F
ClientSampleId :
72-11938

Tgt Ion:252 Resp: 240967

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.651 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.02 min
Lab File: BF101726.D
Acq: 26 Dec 2017 21:07

Tgt Ion:276 Resp: 138303

Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9#
138	27.0	21.8	32.8