Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103603.D
Acq On : 13 Mar 2018 14:48
Operator : SJ/JU
Sample : J1876-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 13 16:07:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135926	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	584141	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	262720	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	496272	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	367066	20.00	ng		-0.01
86) Perylene-d12	15.56	264	337253	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	141397	15.73	ng		0.05
7) Phenol-d6	6.50	99	1099791	100.01	ng		-0.01
23) Nitrobenzene-d5	7.43	82	788960	77.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	14301	6.43	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1104394	69.25	ng		-0.01
78) Terphenyl-d14	12.98	244	941817	61.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	3710	Below Cal			88
10) Phenol	6.52	94	27533	2.157	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	97657	14.268	ng	#	81
25) Isophorone	7.43	82	790536	39.242	ng	#	64
32) Benzoic acid	8.03	122	1124	7.074	ng	#	1
49) Dimethylphthalate	9.62	163	122634	5.819	ng	#	97
56) 2,4-Dinitrotoluene	9.90	165	34452	6.159	ng	#	24
70) Phenanthrene	11.42	178	154579	5.660	ng		97
71) Anthracene	11.42	178	154579	5.519	ng		98
74) Fluoranthene	12.62	202	200736	7.314	ng		98
77) Pyrene	12.85	202	191038	6.675	ng		98
80) Benzo(a)anthracene	14.04	228	80282	3.371	ng		94
82) Chrysene	14.08	228	77892	3.368	ng		99
85) Indeno(1,2,3-cd)pyrene	17.13	276	39707	2.169	ng		94
87) Benzo(b)fluoranthene	15.12	252	131489	5.930	ng	#	95
88) Benzo(k)fluoranthene	15.12	252	131489	6.297	ng	#	96
89) Benzo(a)pyrene	15.50	252	71504	3.611	ng	#	94
91) Benzo(g,h,i)perylene	17.60	276	35613	2.381	ng		95

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

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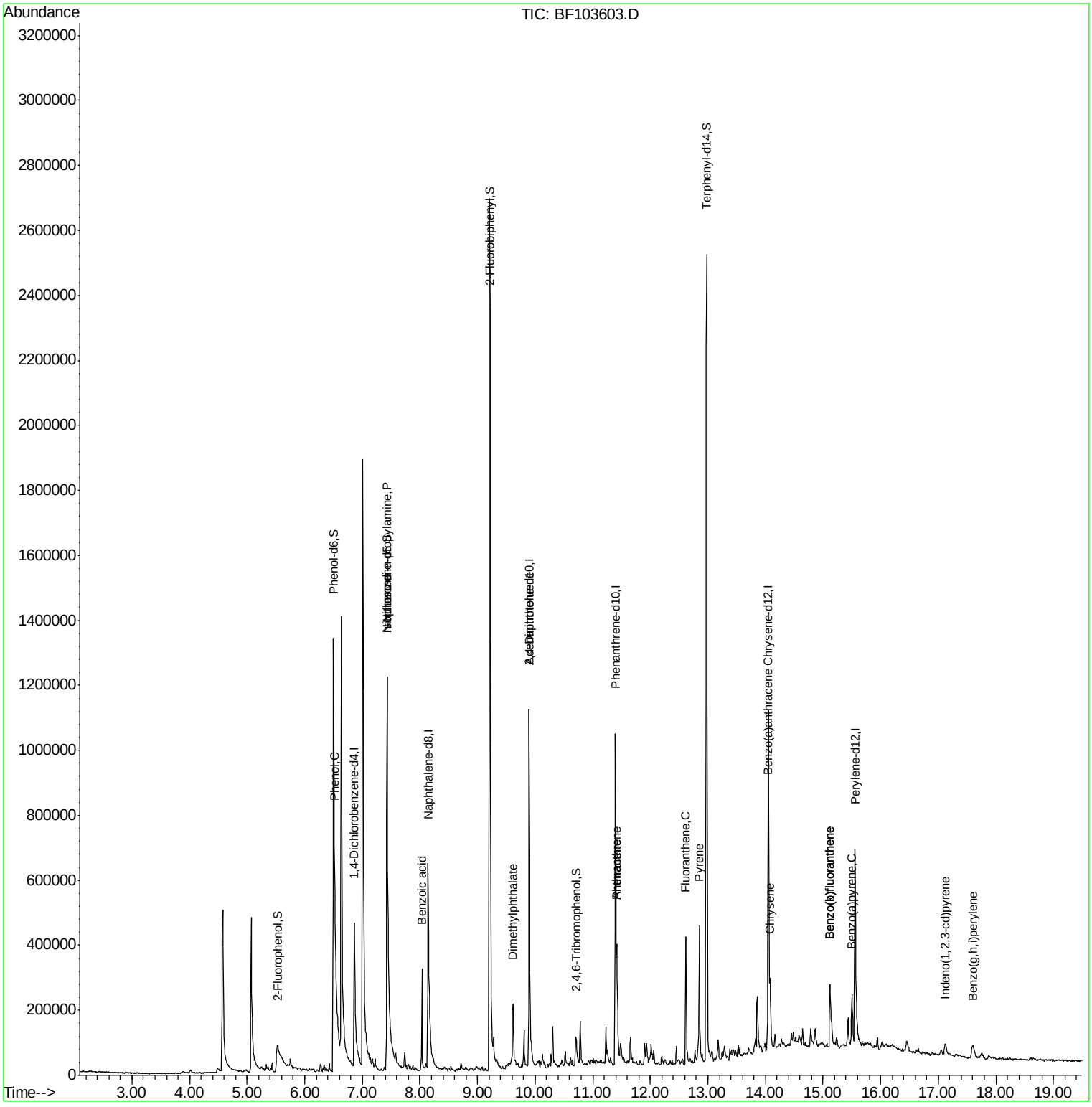
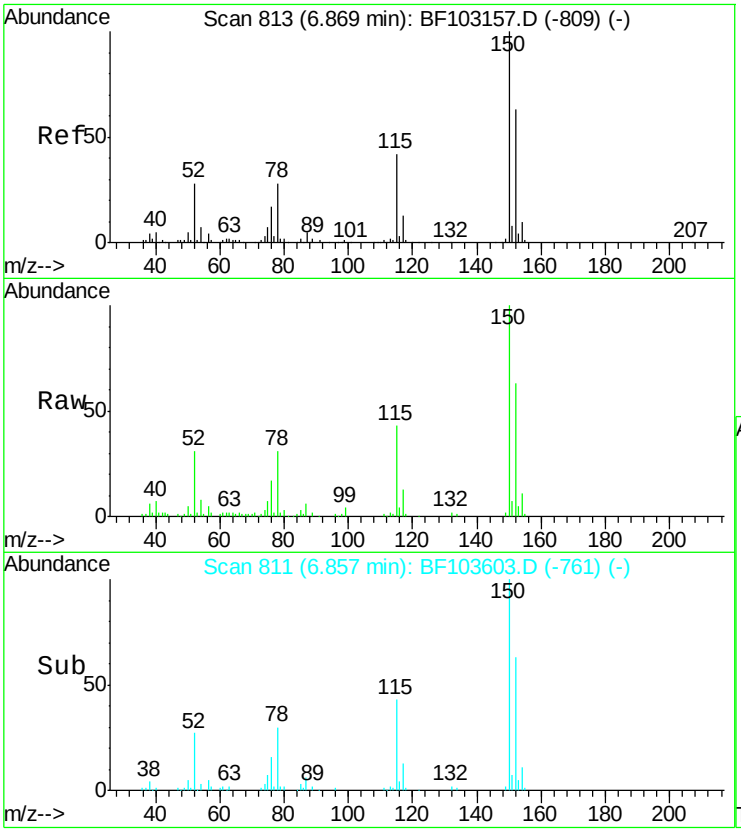


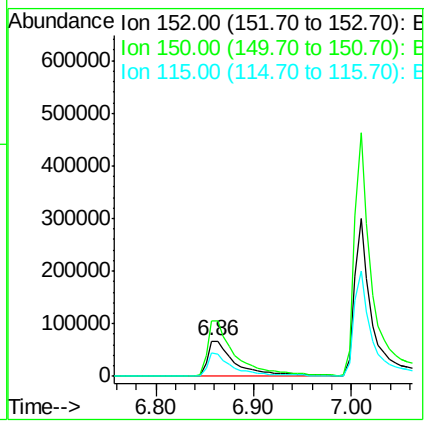


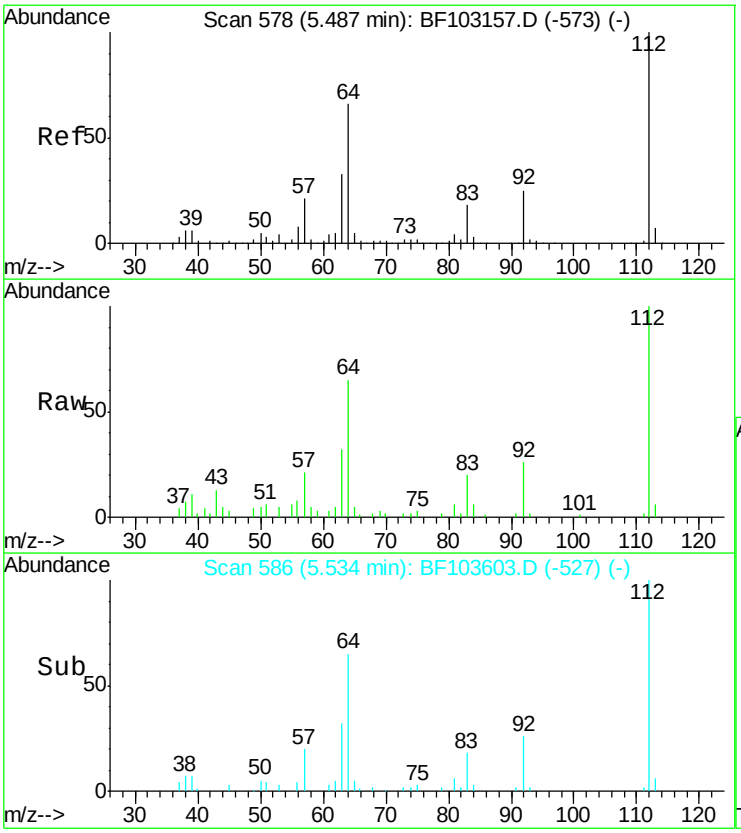
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135926

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	68.0	50.1	75.1

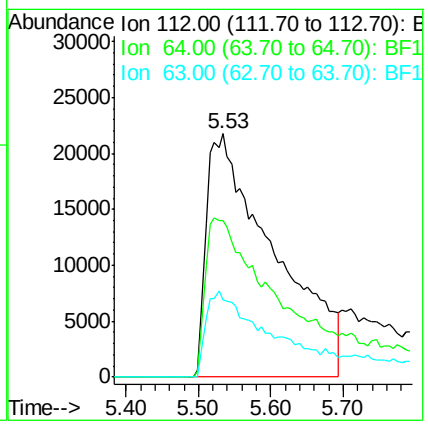


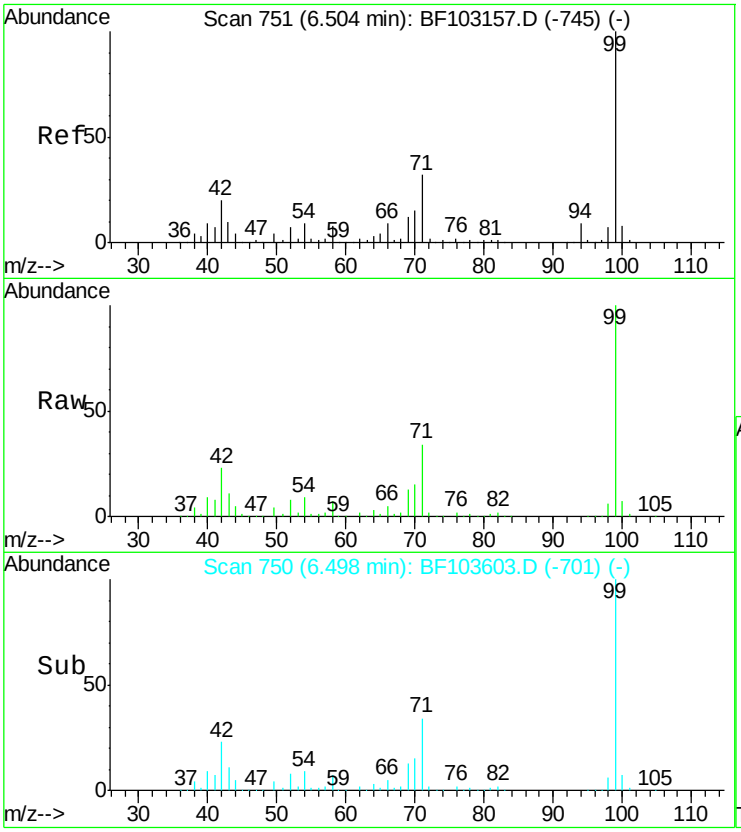


#5
2-Fluorophenol
Concen: 15.733 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.05 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:112 Resp: 141397

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	31.9	23.7	35.5



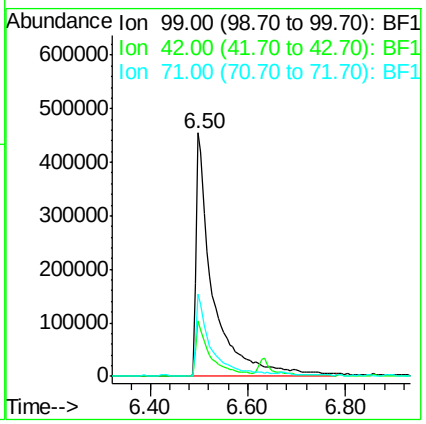


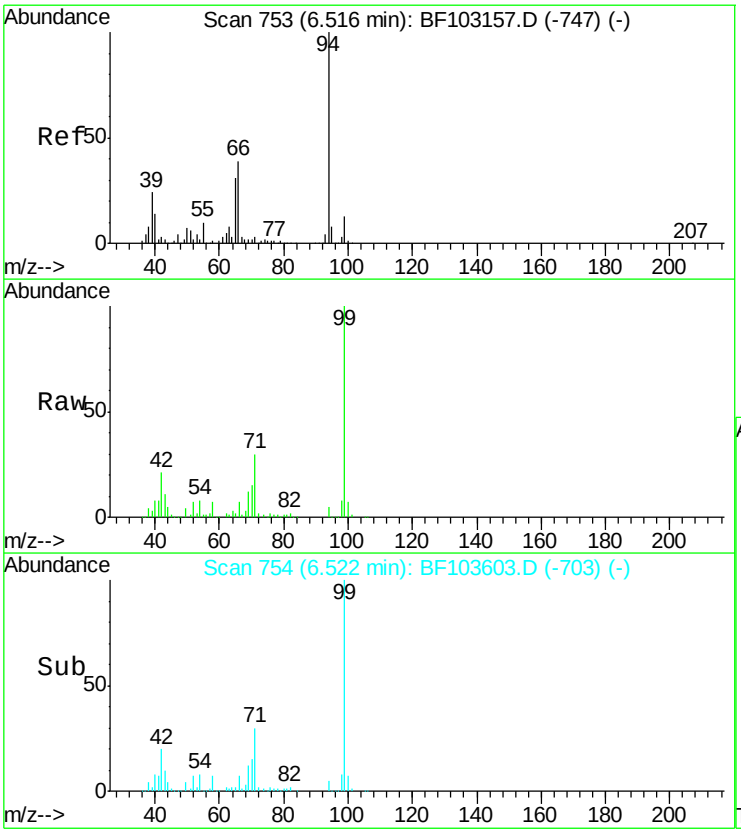
#7
Phenol-d6
Concen: 100.006 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1099791

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	33.8	25.4	38.0

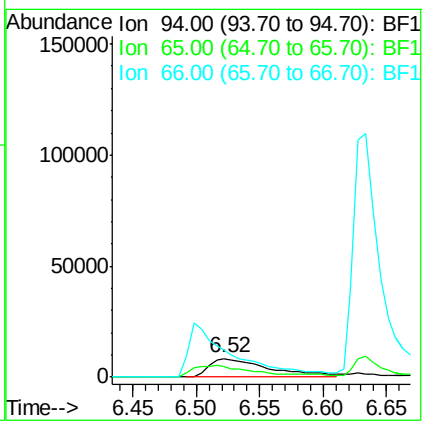


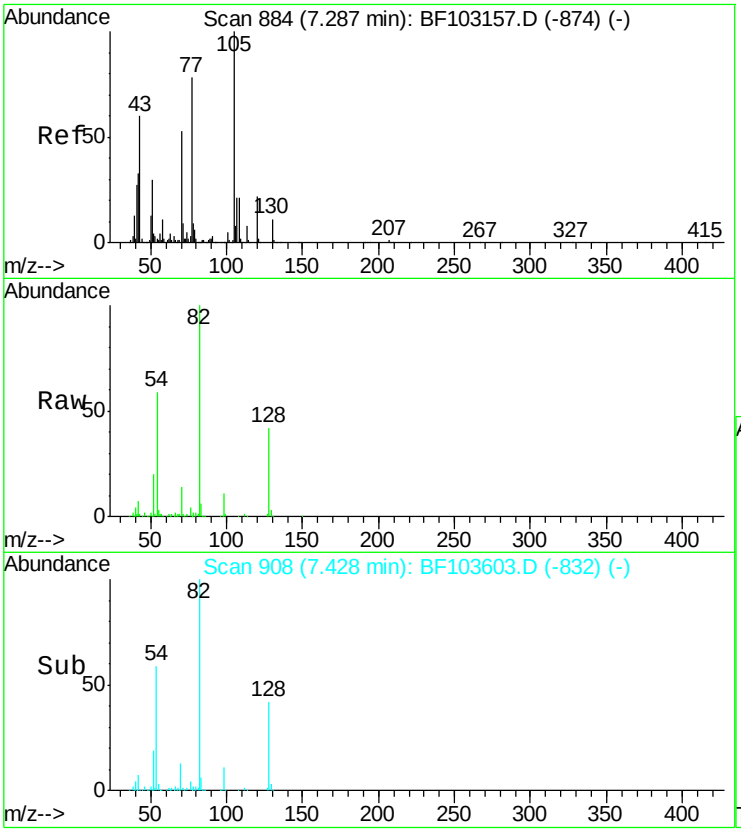


#10
Phenol
Concen: 2.157 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion: 94 Resp: 27533

Ion	Ratio	Lower	Upper
94	100		
65	54.0	7.9	47.9#
66	146.0	16.2	56.2#



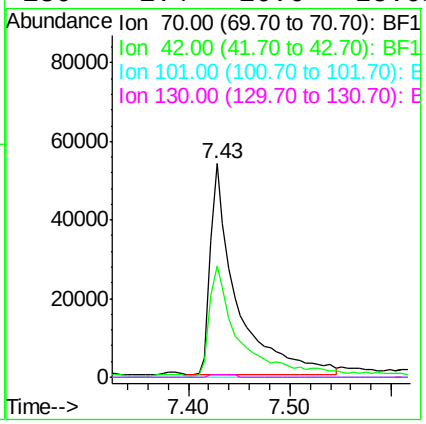


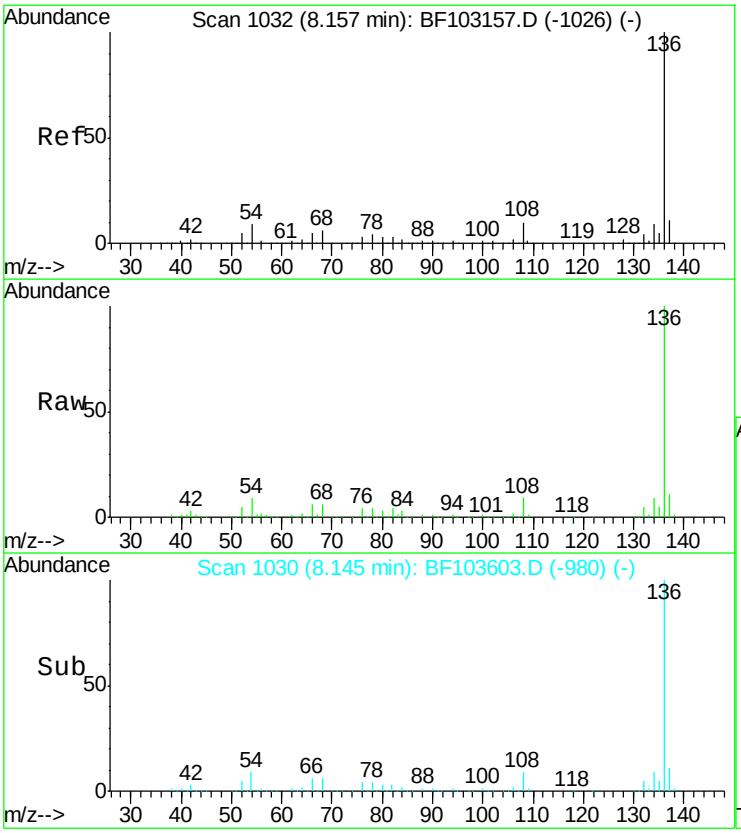
#19
n-Nitroso-di-n-propylamine
Concen: 14.268 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 97657

Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.4	16.6	25.0#

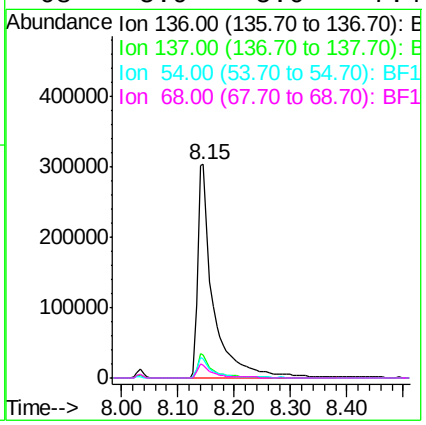


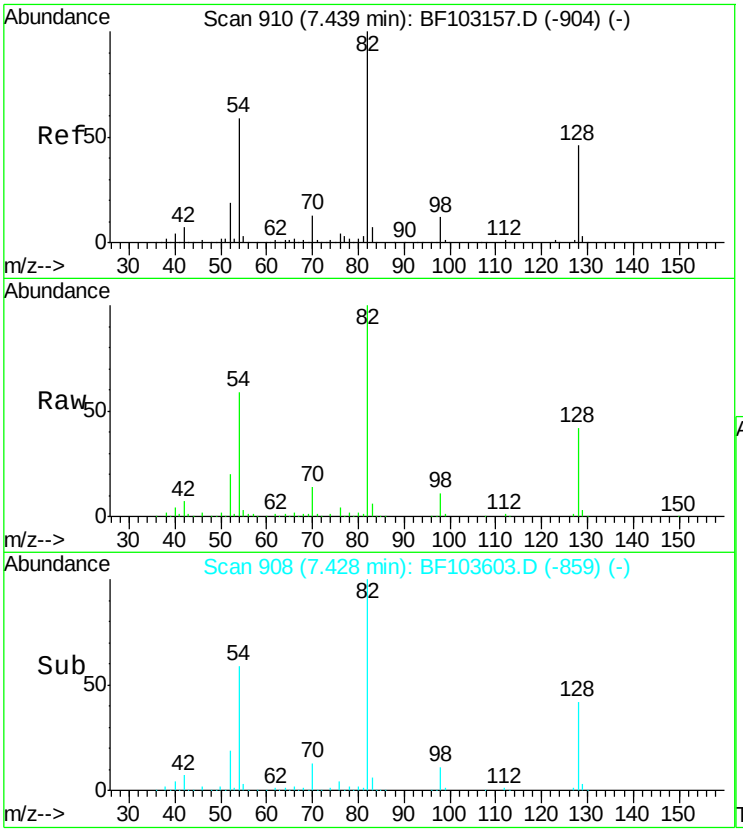


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:136 Resp: 584141

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	5.9	5.0	7.4



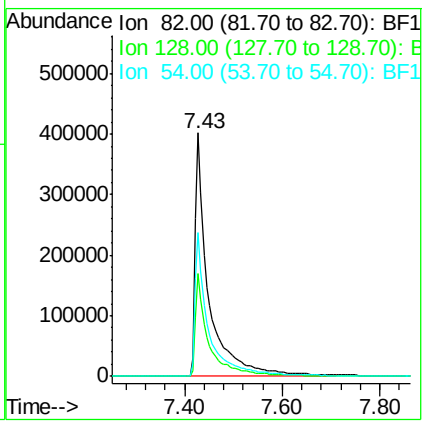


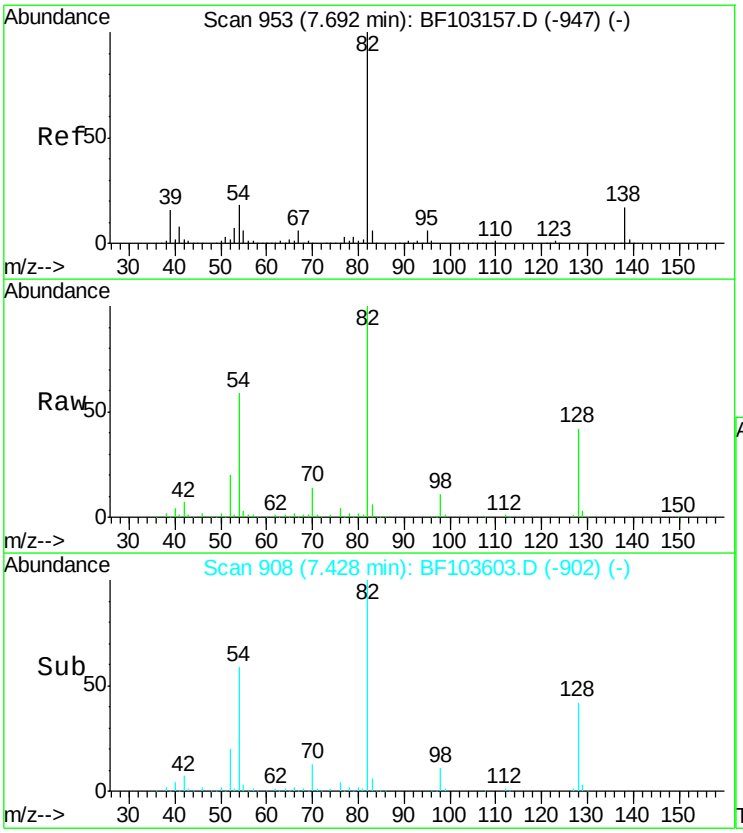
#23
Nitrobenzene-d5
Concen: 77.133 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 788960

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	58.9	41.4	62.2

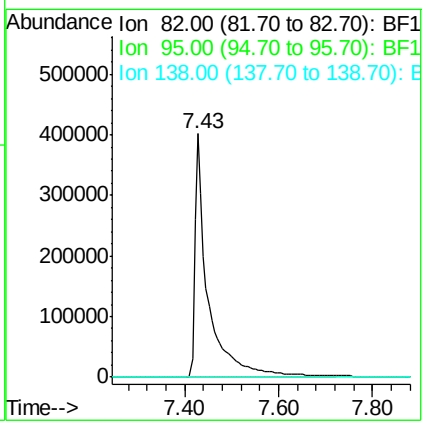


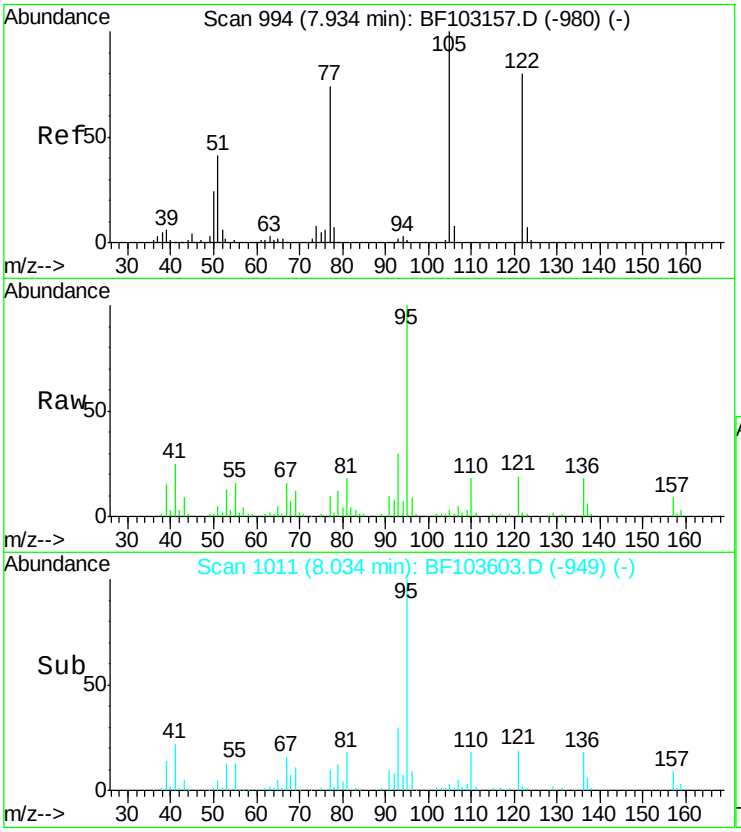


#25
Isophorone
Concen: 39.242 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion: 82 Resp: 790536

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



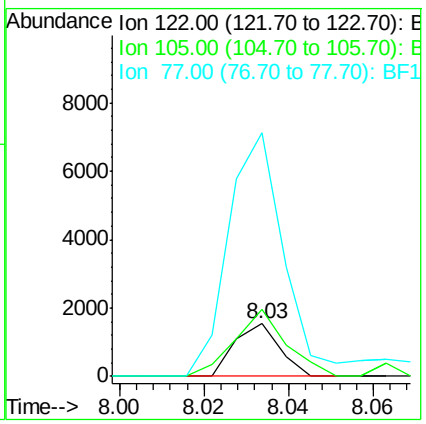


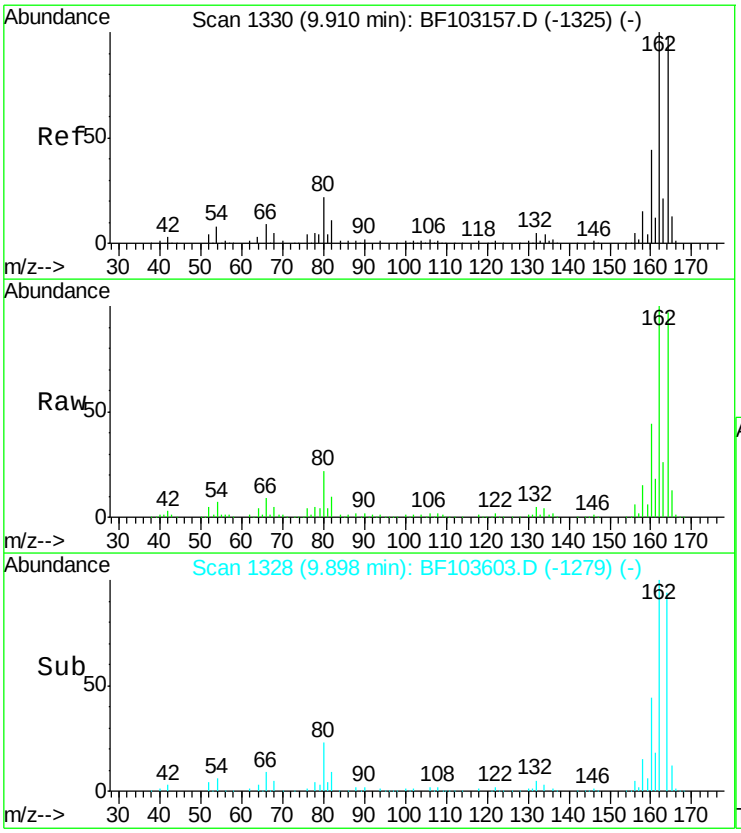
#32
Benzoic acid
Concen: 7.074 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.06 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1124

Ion	Ratio	Lower	Upper
122	100		
105	127.0	101.1	141.1
77	464.9	70.7	110.7#

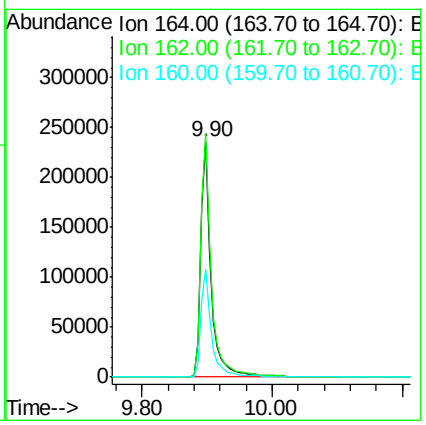


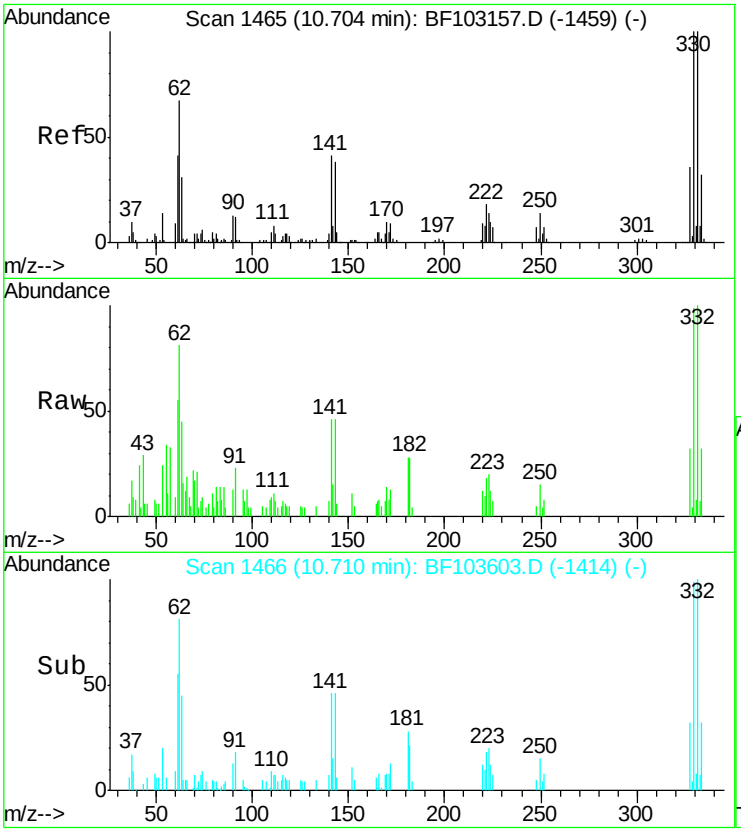


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:164 Resp: 262720

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.7	38.3	57.5



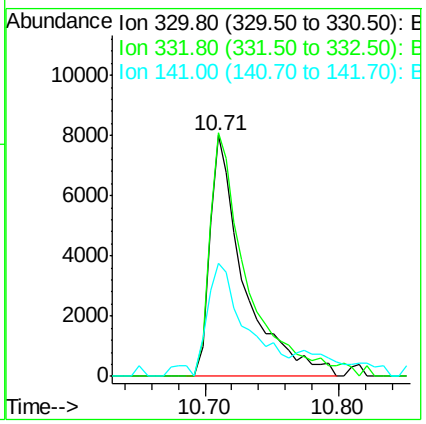


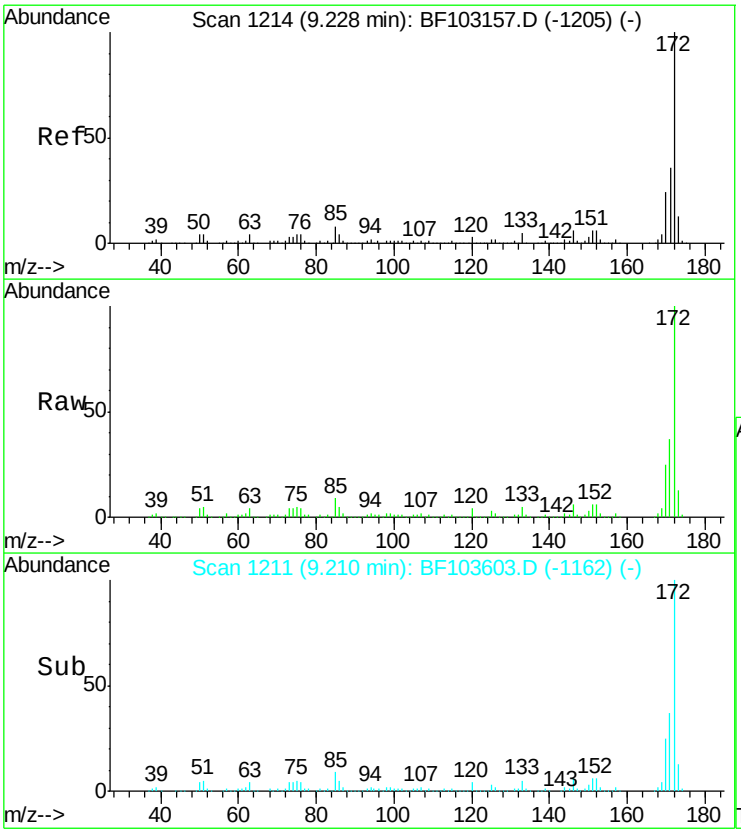
#41
2,4,6-Tribromophenol
Concen: 6.431 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 14301

Ion	Ratio	Lower	Upper
330	100		
332	110.8	77.0	115.6
141	55.9	29.9	44.9#

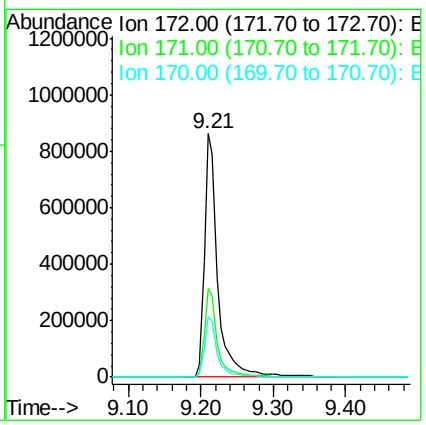


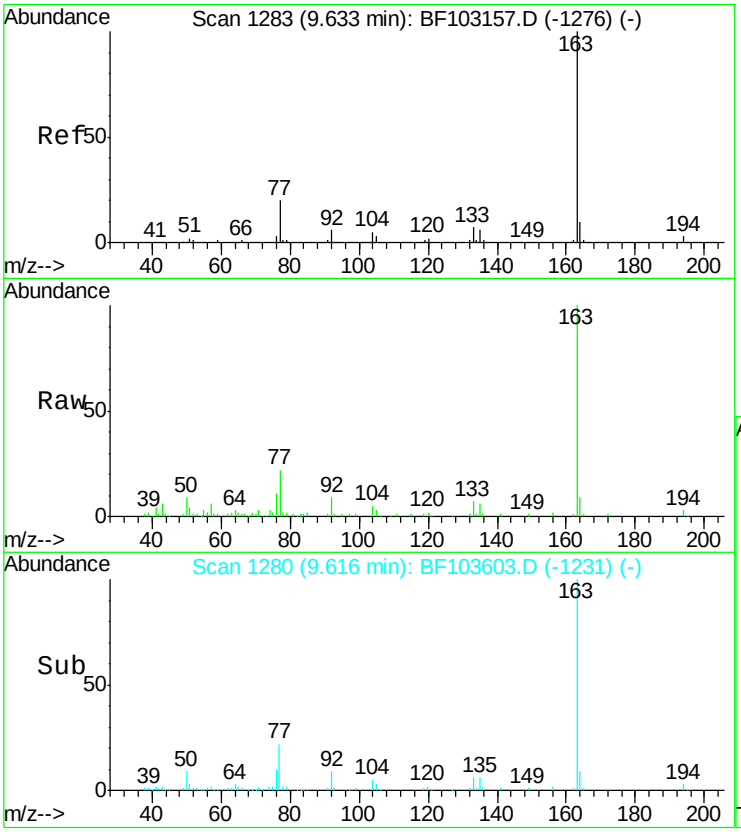


#44
2-Fluorobiphenyl
Concen: 69.253 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:172 Resp: 1104394

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	25.0	19.6	29.4



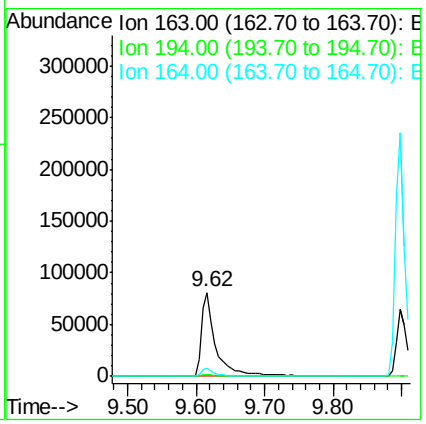


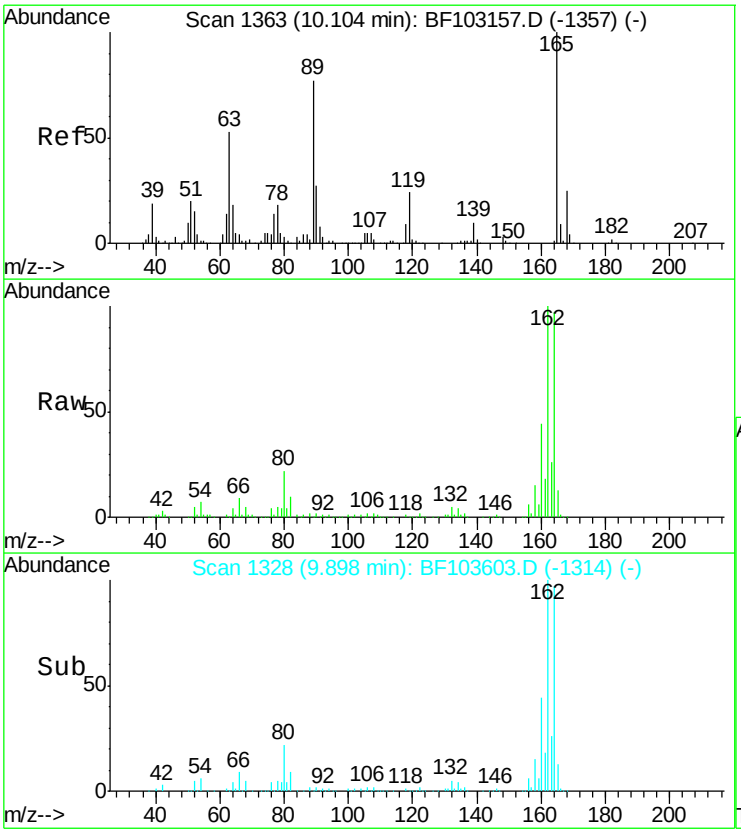
#49
Dimethylphthalate
Concen: 5.819 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 122634

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1#
164	9.0	8.2	12.2

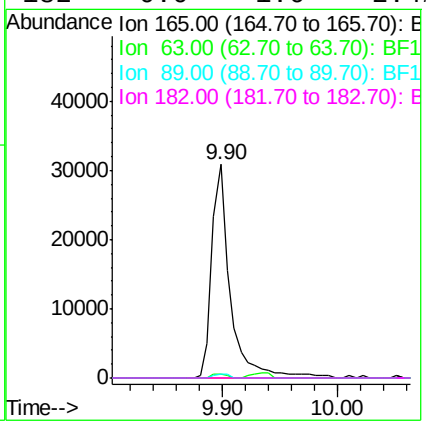


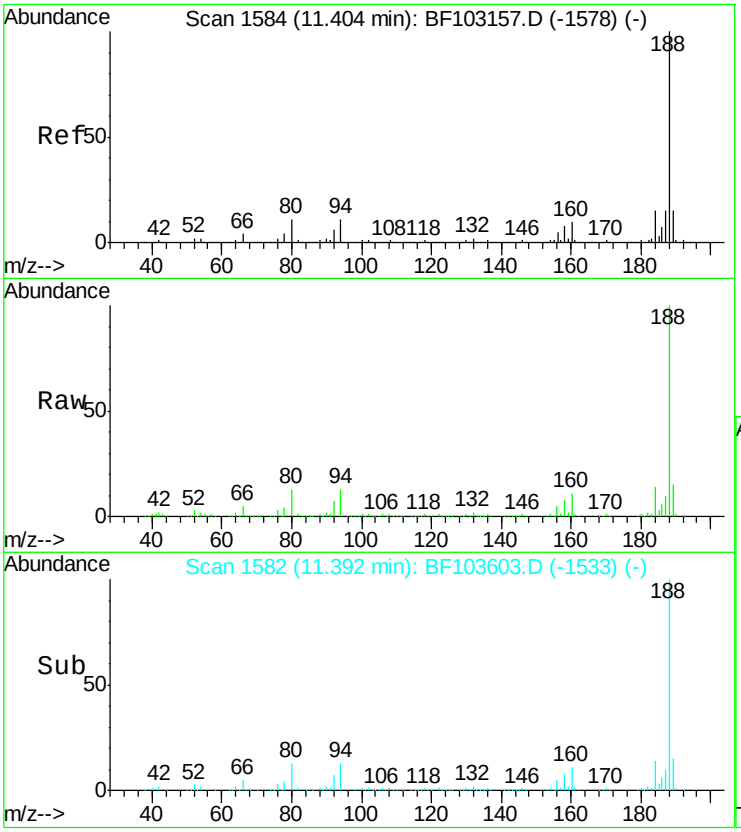


#56
2,4-Dinitrotoluene
Concen: 6.159 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:165 Resp: 34452

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



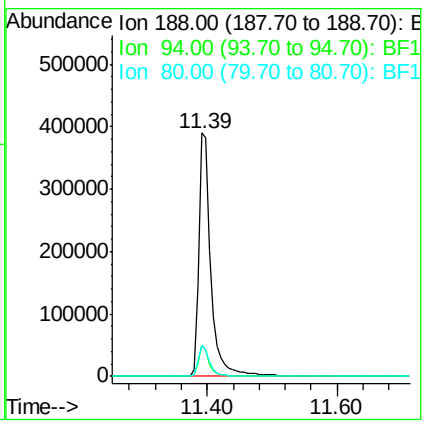


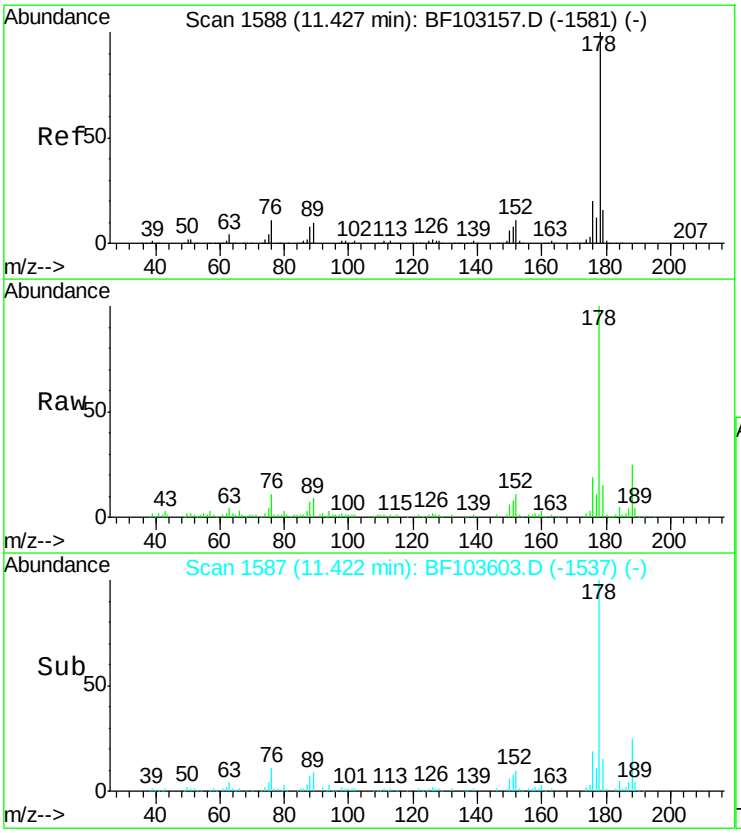
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 496272

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	12.9	9.2	13.8

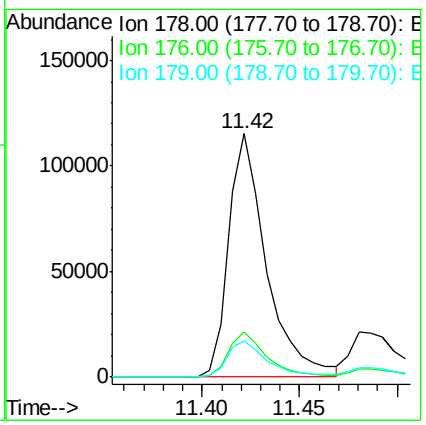


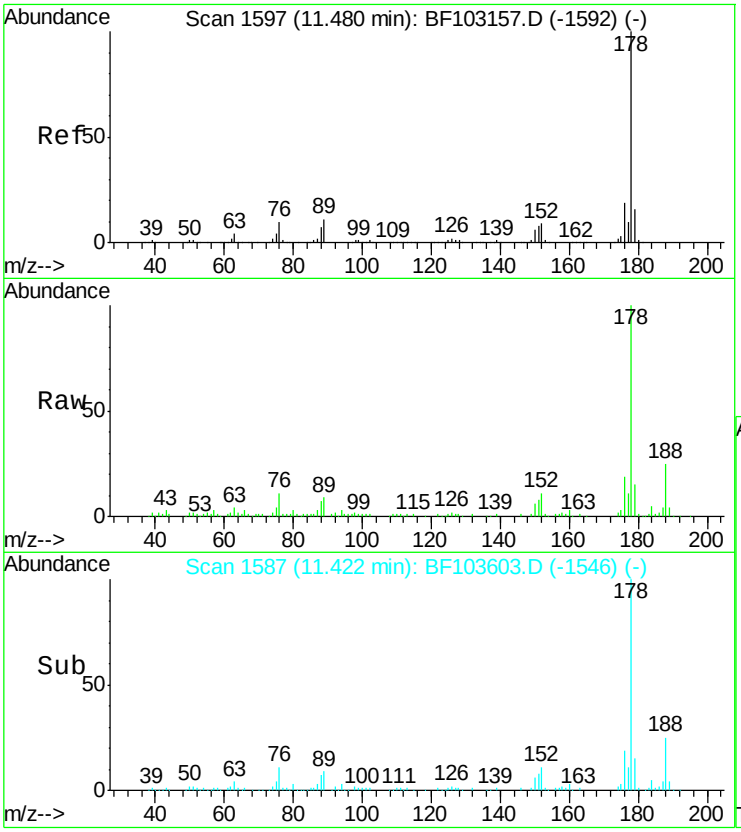


#70
Phenanthrene
Concen: 5.660 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:178 Resp: 154579

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	13.0	19.6



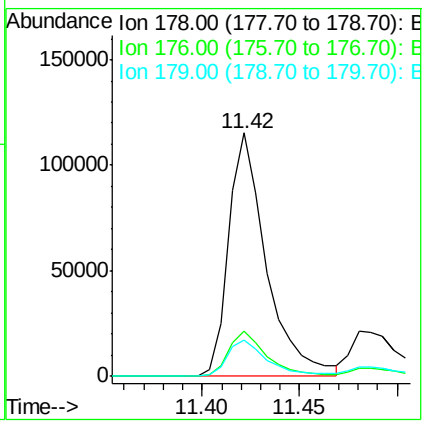


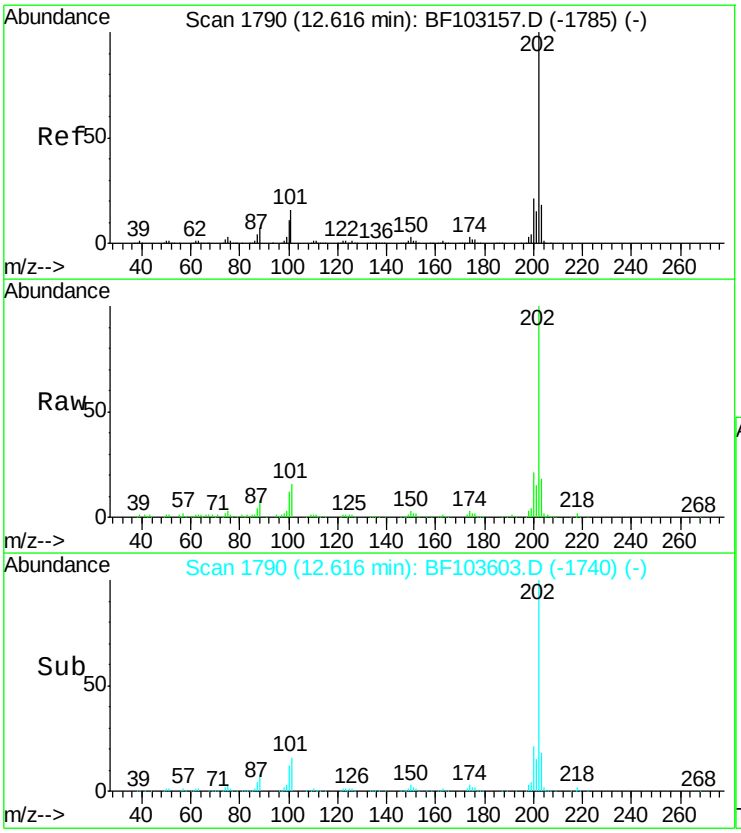
#71
Anthracene
Concen: 5.519 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.06 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 154579

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.0	12.6	19.0

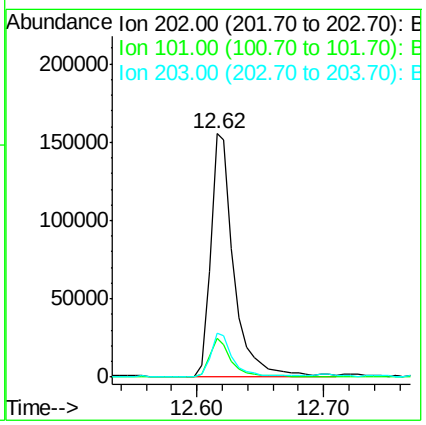


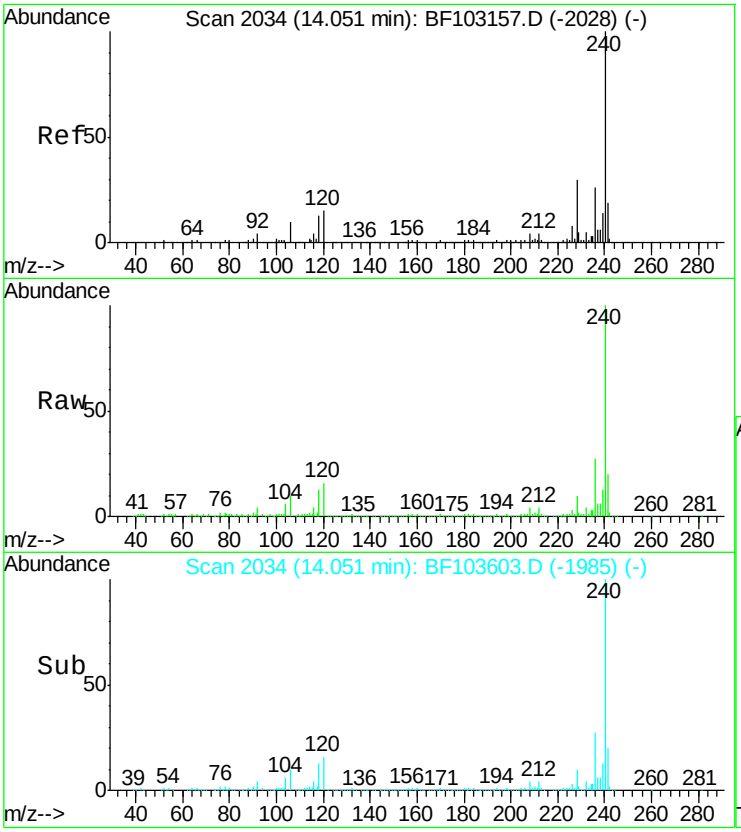


#74
Fluoranthene
Concen: 7.314 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:202 Resp: 200736

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	34.1
203	18.0	0.0	38.1



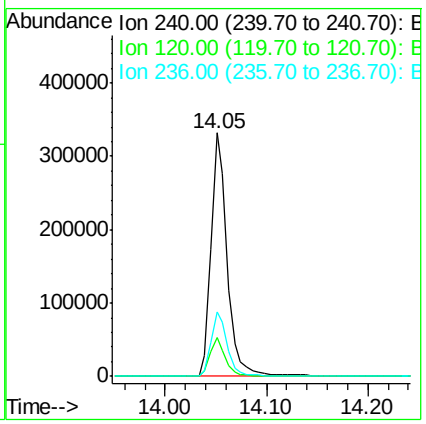


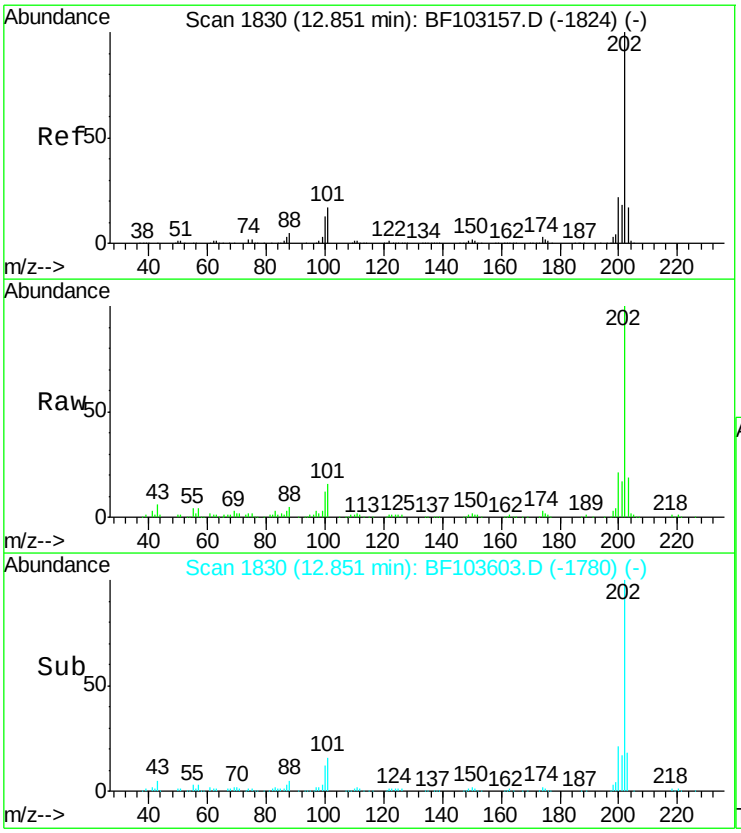
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 367066

Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	26.6	20.7	31.1

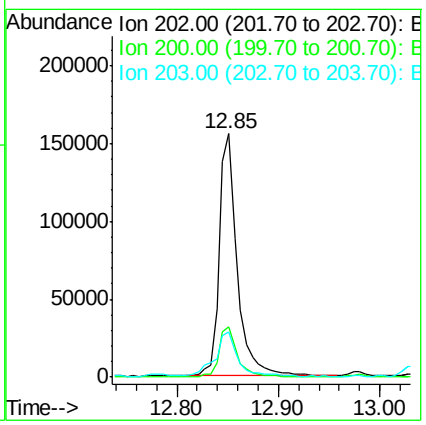


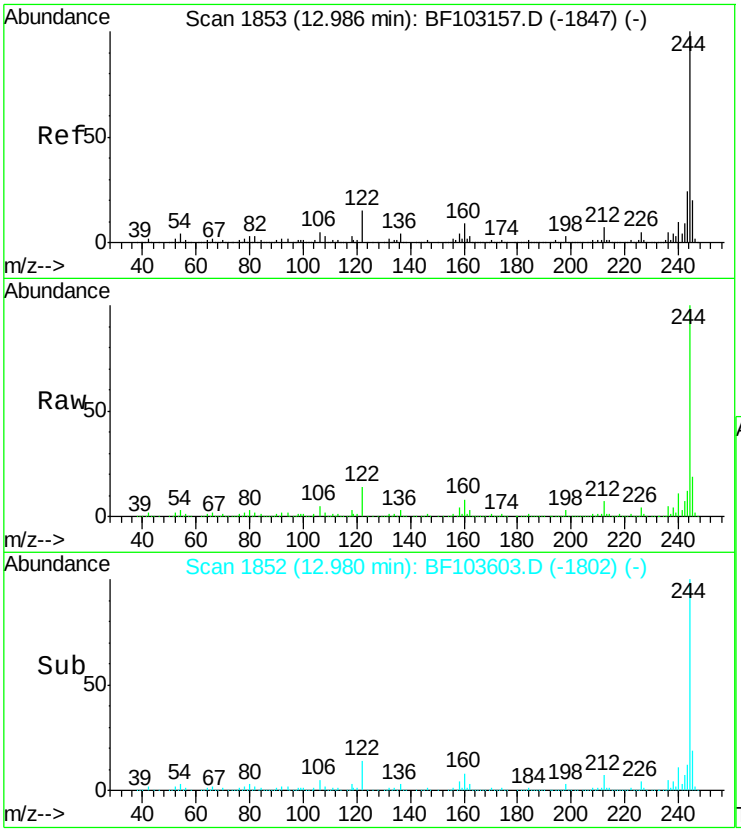


#77
Pyrene
Concen: 6.675 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:202 Resp: 191038

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5



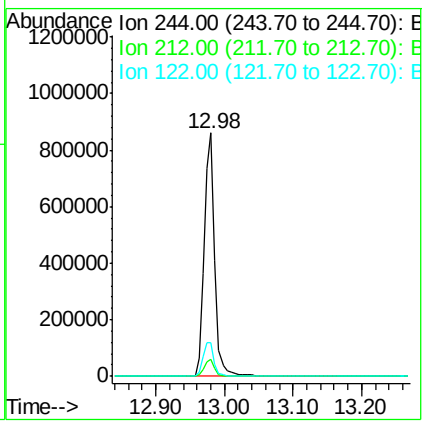


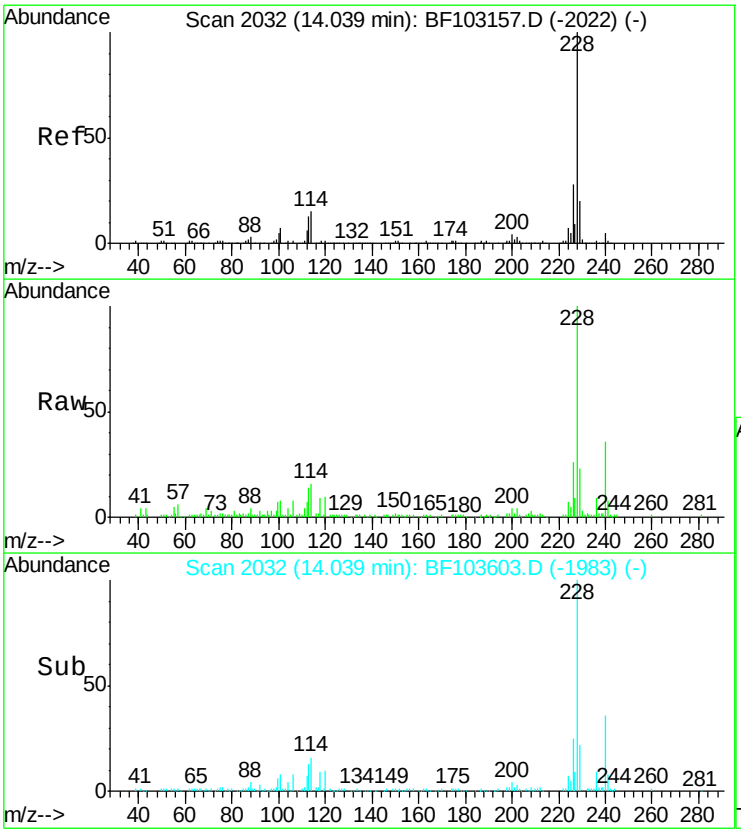
#78
Terphenyl-d14
Concen: 61.678 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 941817

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.9	11.0	16.4

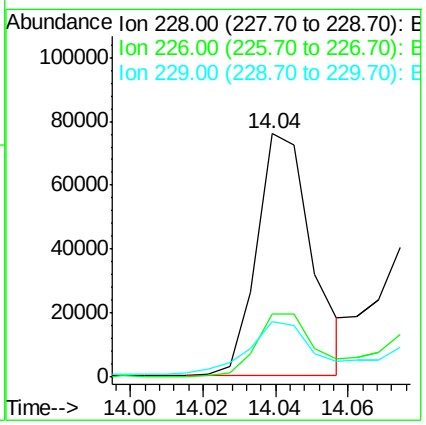


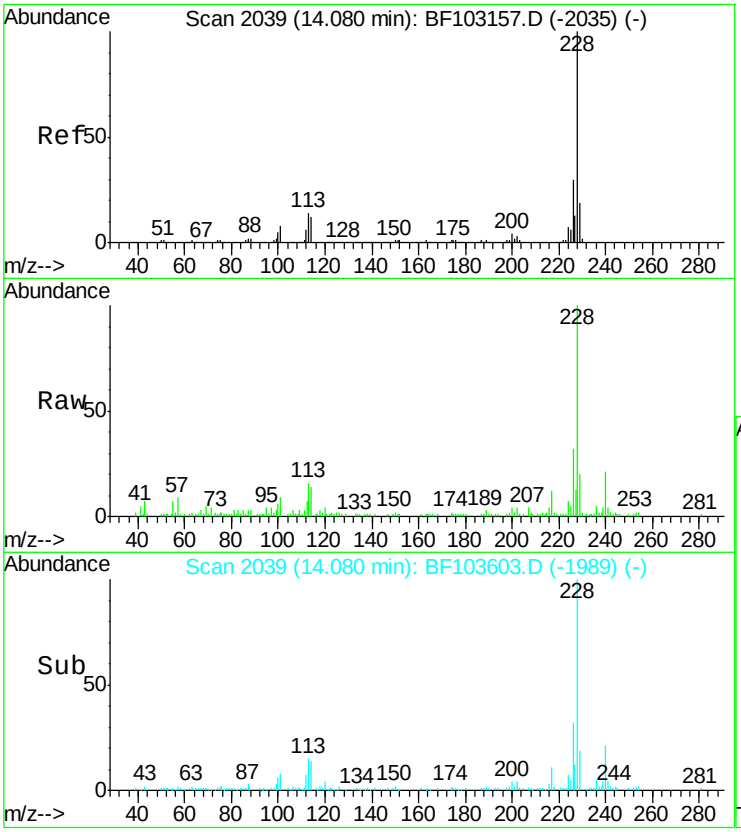


#80
Benzo(a)anthracene
Concen: 3.371 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:228 Resp: 80282

Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.6	33.8
229	22.9	15.8	23.6



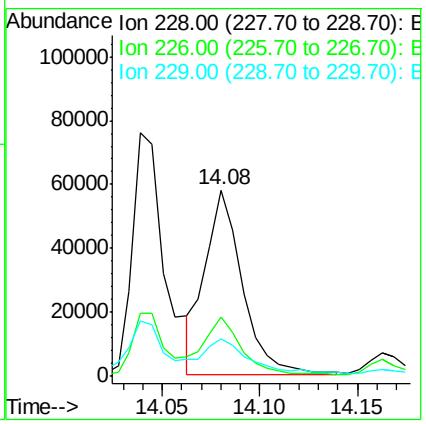


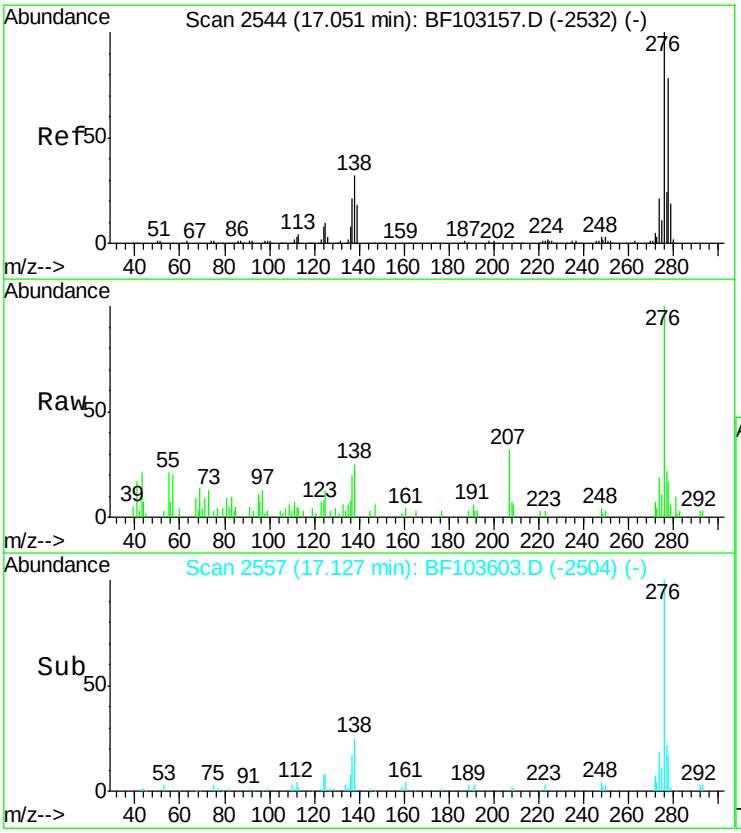
#82
Chrysene
Concen: 3.368 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77892

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.4	16.2	24.4

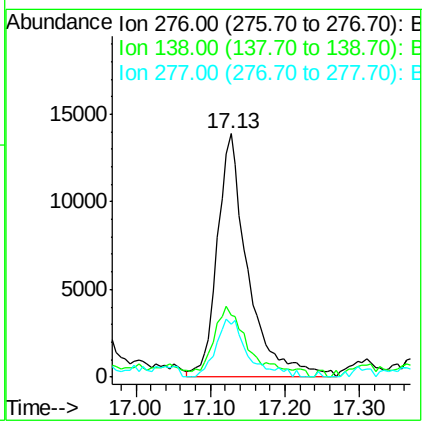


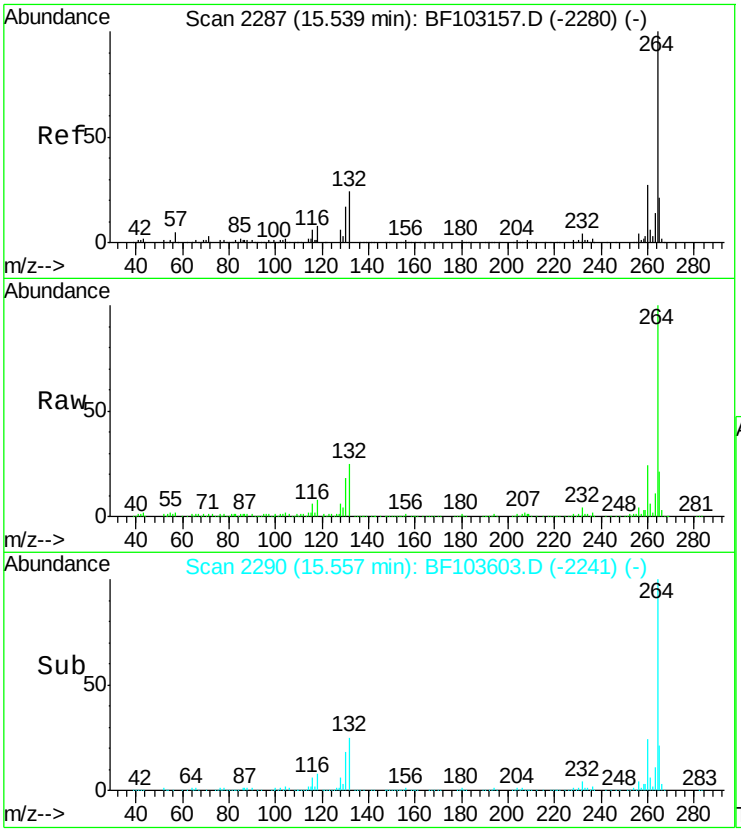


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.169 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:276 Resp: 39707

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	23.3	20.1	30.1



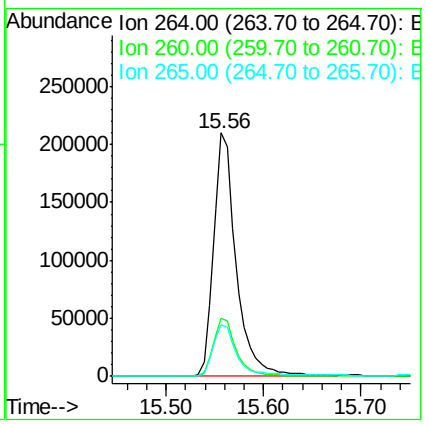


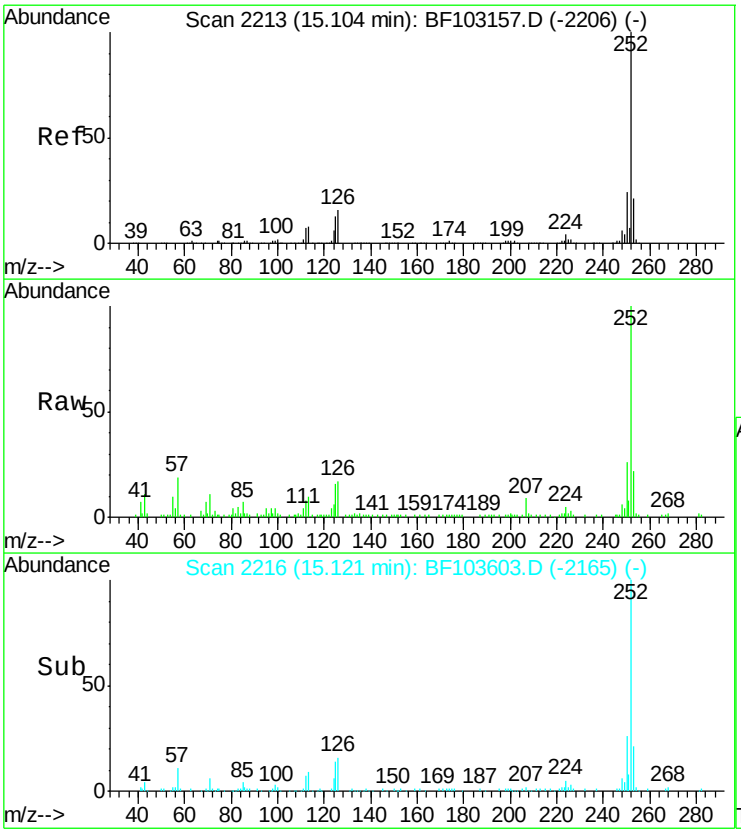
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 337253

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3

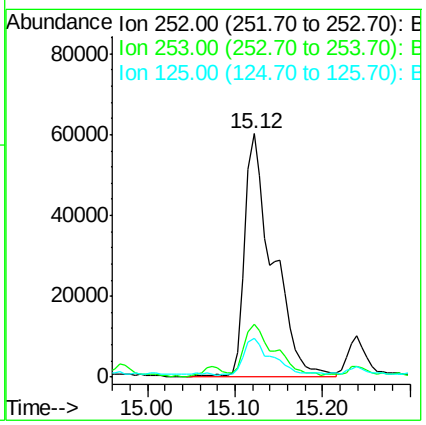


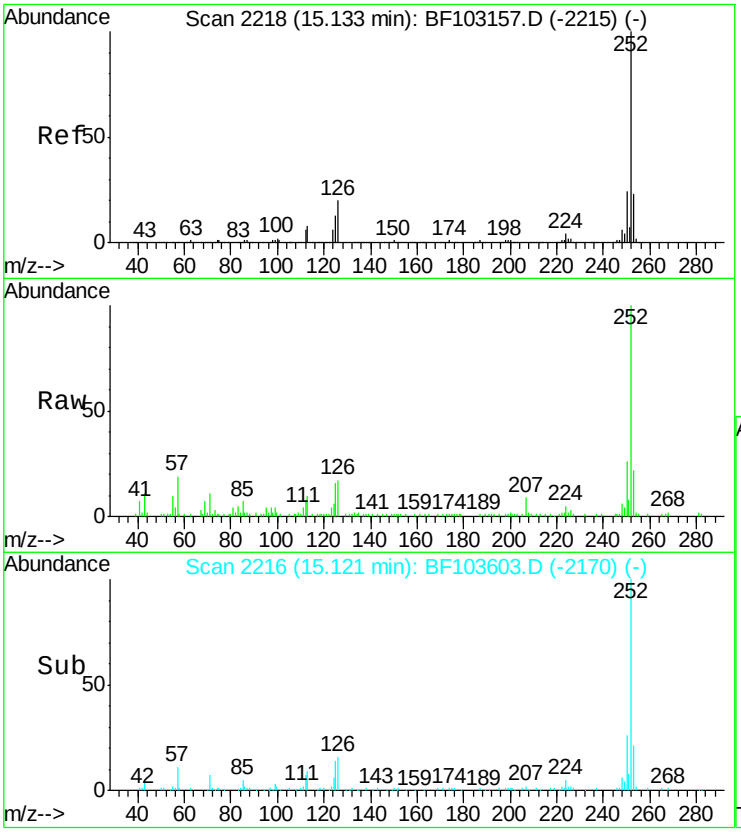


#87
Benzo(b)fluoranthene
Concen: 5.930 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:252 Resp: 131489

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	15.7	9.0	13.6#



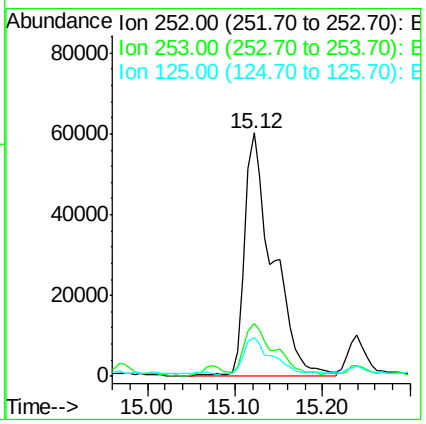


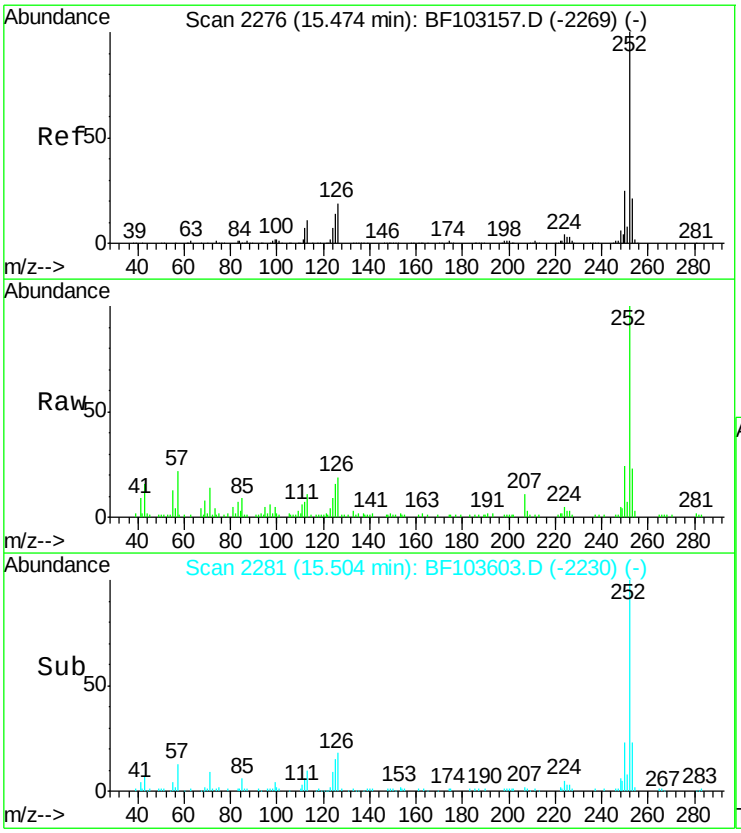
#88
Benzo(k)fluoranthene
Concen: 6.297 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.03 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 131489

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	15.7	10.2	15.2#

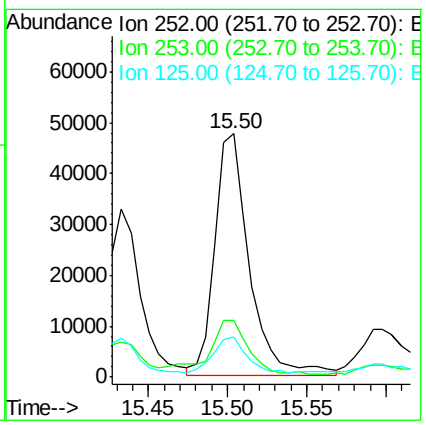


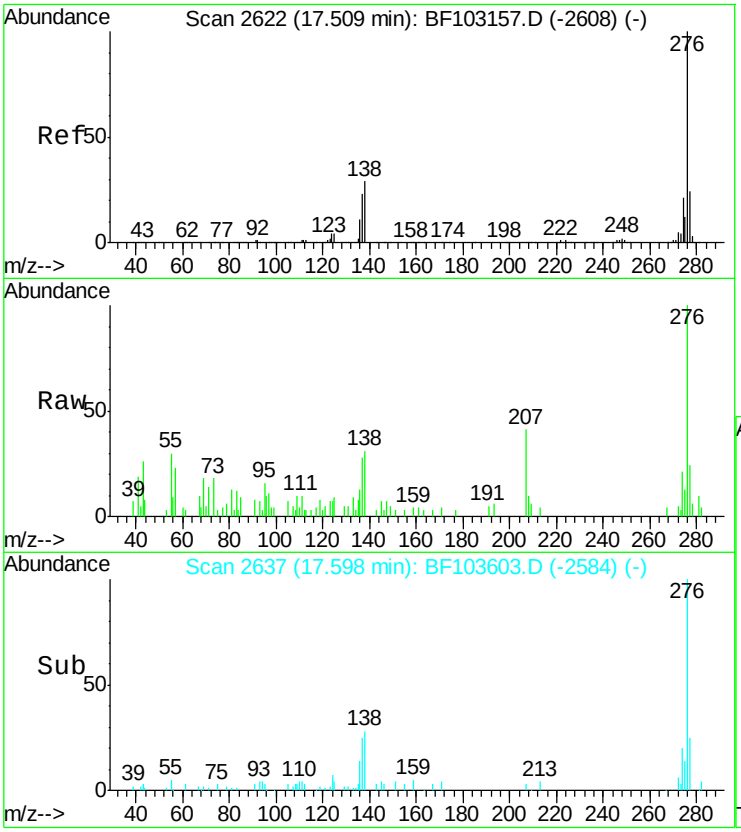


#89
Benzo(a)pyrene
Concen: 3.611 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Tgt Ion:252 Resp: 71504

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	16.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.381 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.01 min
Lab File: BF103603.D
Acq: 13 Mar 2018 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 35613

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	30.5	21.8	32.8