Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103404.D
Acq On : 5 Mar 2018 12:50
Operator : SJ/JU
Sample : J1756-03 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 05 13:42:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135622	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	551761	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	228301	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	341651	20.00	ng		0.00
75) Chrysene-d12	14.06	240	234783	20.00	ng		0.00
86) Perylene-d12	15.57	264	220413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	384384	42.87	ng		0.00
7) Phenol-d6	6.52	99	468833	42.73	ng		0.00
23) Nitrobenzene-d5	7.43	82	284946	29.49	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	61839	32.00	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	425641	26.29	ng		0.00
78) Terphenyl-d14	12.99	244	271434	27.79	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	450	Below Cal		#	1
25) Isophorone	7.43	82	284773	14.965	ng	#	64
31) Naphthalene	8.17	128	79128	2.929	ng		98
32) Benzoic acid	7.97	122	261	6.953	ng		93
37) 2-Methylnaphthalene	8.87	142	38124	2.184	ng		97
48) Acenaphthylene	9.77	152	52975	2.275	ng		97
50) 2,6-Dinitrotoluene	9.91	165	32744	8.520	ng	#	27
51) Acenaphthene	9.95	154	31496	2.320	ng		98
57) Fluorene	10.46	166	58477	3.683	ng		99
64) 4,6-Dinitro-2-methylphenol	10.72	198	118	4.996	ng	#	1
70) Phenanthrene	11.43	178	396040	21.064	ng		98
71) Anthracene	11.48	178	113025	5.862	ng		99
74) Fluoranthene	12.63	202	427292	22.615	ng		98
77) Pyrene	12.86	202	407047	22.237	ng		99
80) Benzo(a)anthracene	14.05	228	176503	11.586	ng		97
82) Chrysene	14.09	228	166943	11.286	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	81412	6.952	ng		97
87) Benzo(b)fluoranthene	15.13	252	274061	18.911	ng	#	89
88) Benzo(k)fluoranthene	15.13	252	274061	20.083	ng	#	92
89) Benzo(a)pyrene	15.51	252	156425	12.087	ng	#	91
91) Benzo(g,h,i)perylene	17.60	276	81141	8.302	ng		93

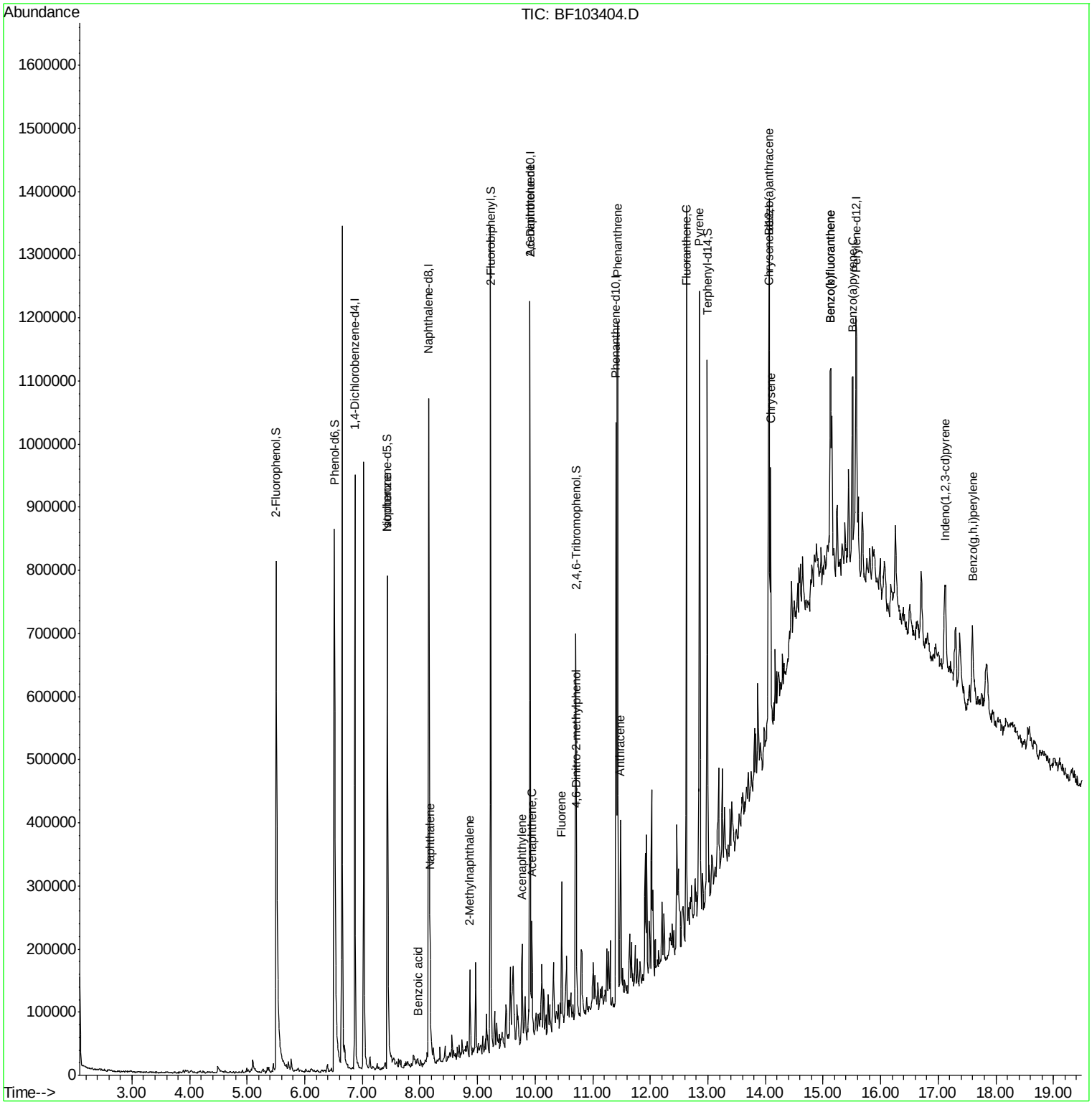
(#) = qualifier out of range (m) = manual integration (+) = signals summed

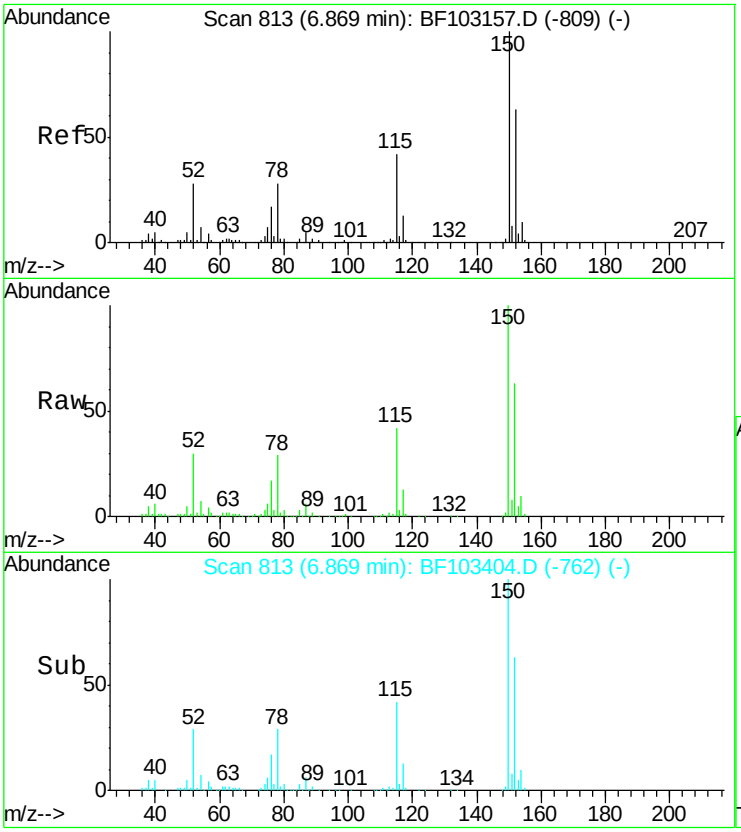
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103404.D
Acq On : 5 Mar 2018 12:50
Operator : SJ/JU
Sample : J1756-03 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 05 13:42:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



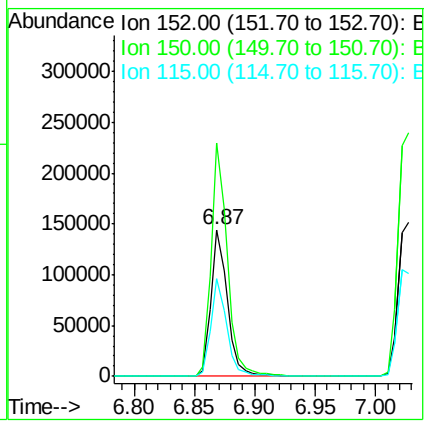


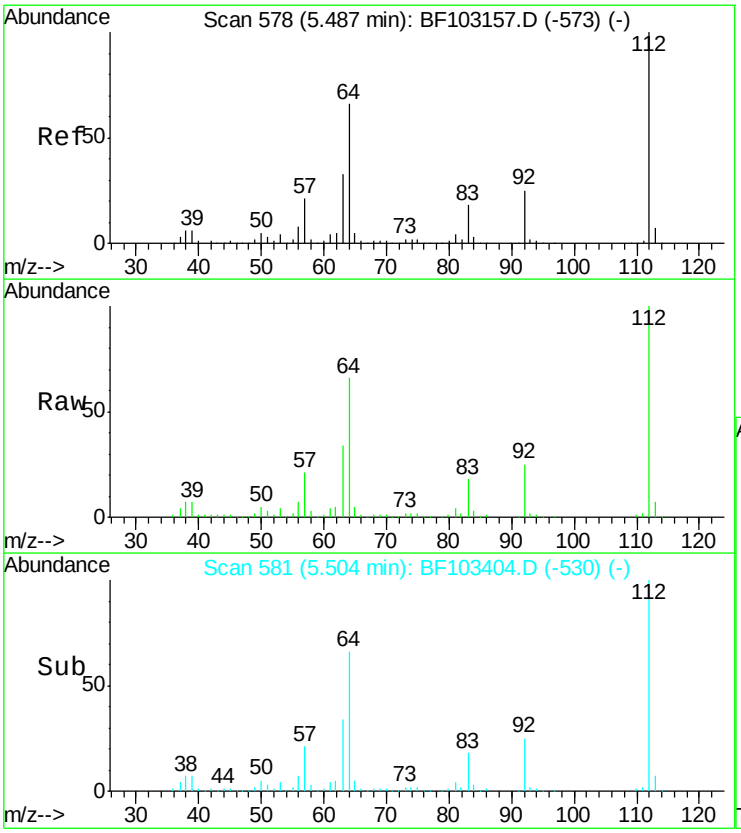
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135622

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	66.2	50.1	75.1

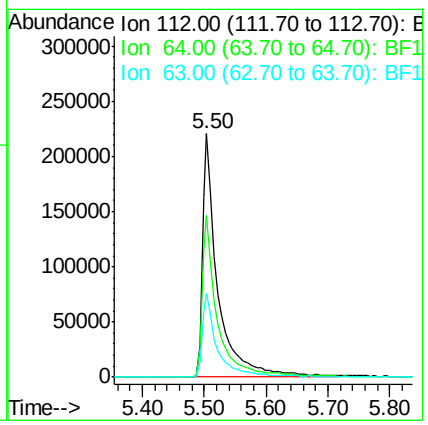


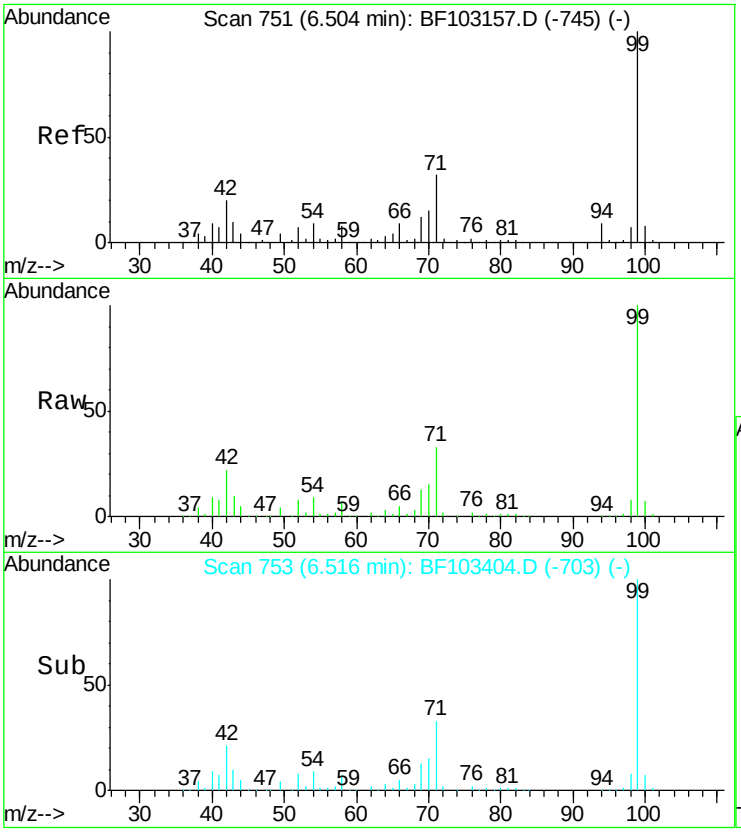


#5
2-Fluorophenol
Concen: 42.866 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:112 Resp: 384384

Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.4	23.7	35.5



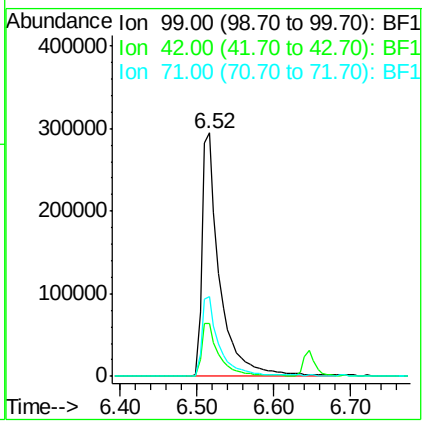


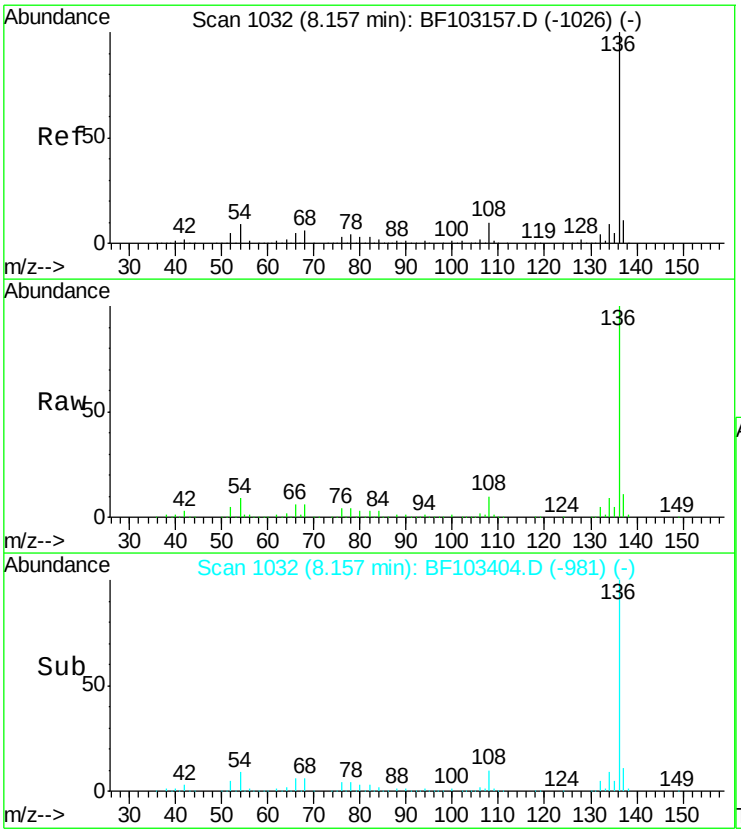
#7
Phenol-d6
Concen: 42.727 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 468833

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	32.7	25.4	38.0

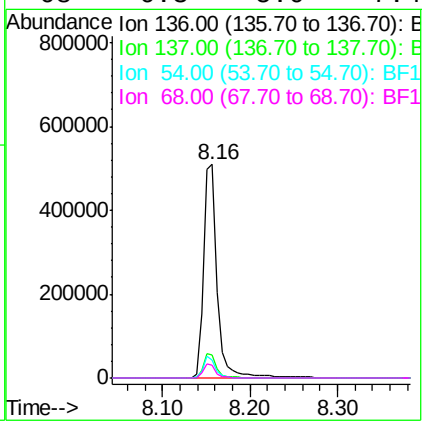


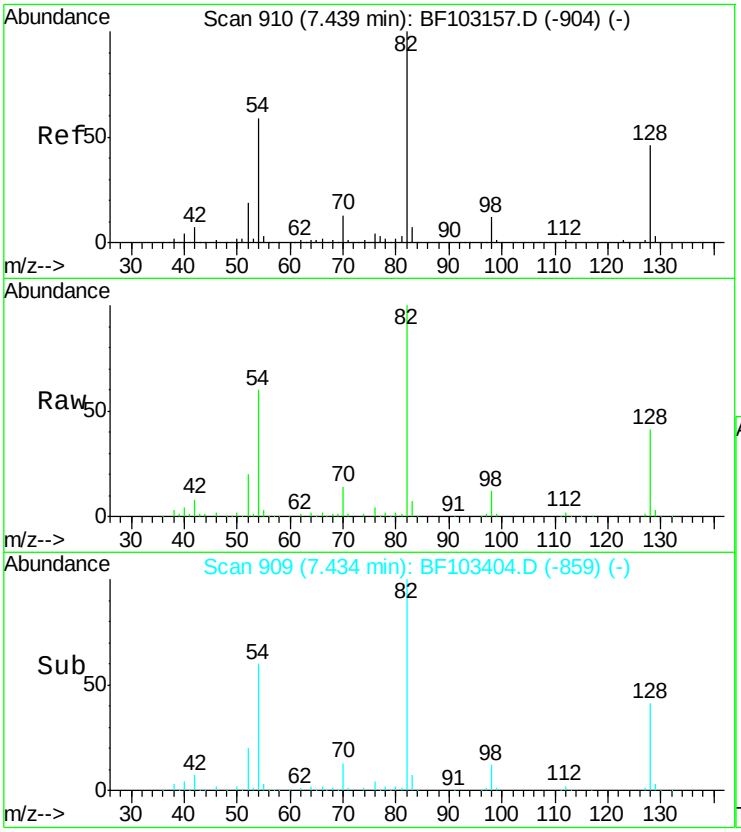


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:136 Resp: 551761

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	6.3	5.0	7.4



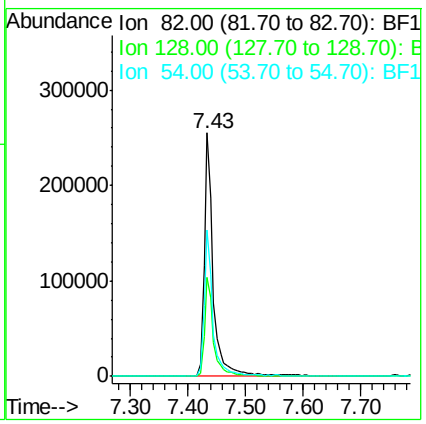


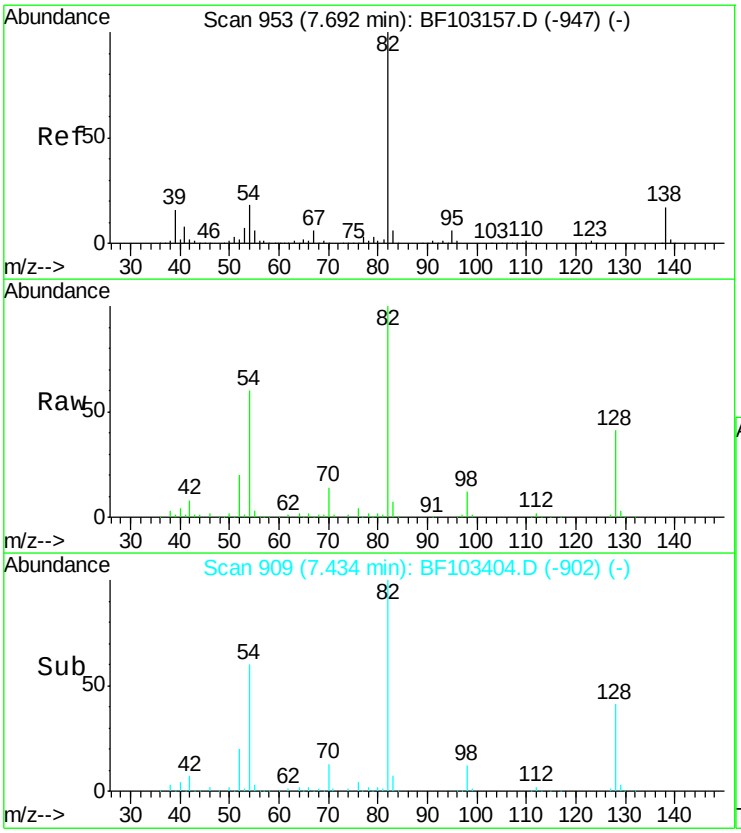
#23
Nitrobenzene-d5
Concen: 29.493 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 284946

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	59.9	41.4	62.2

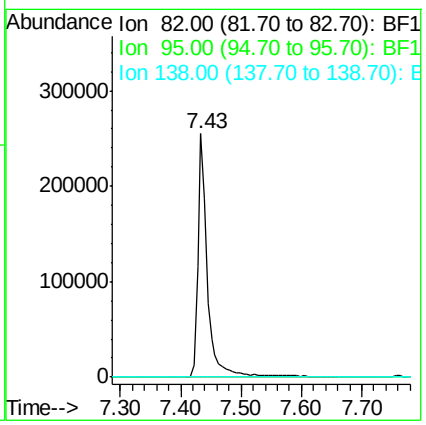


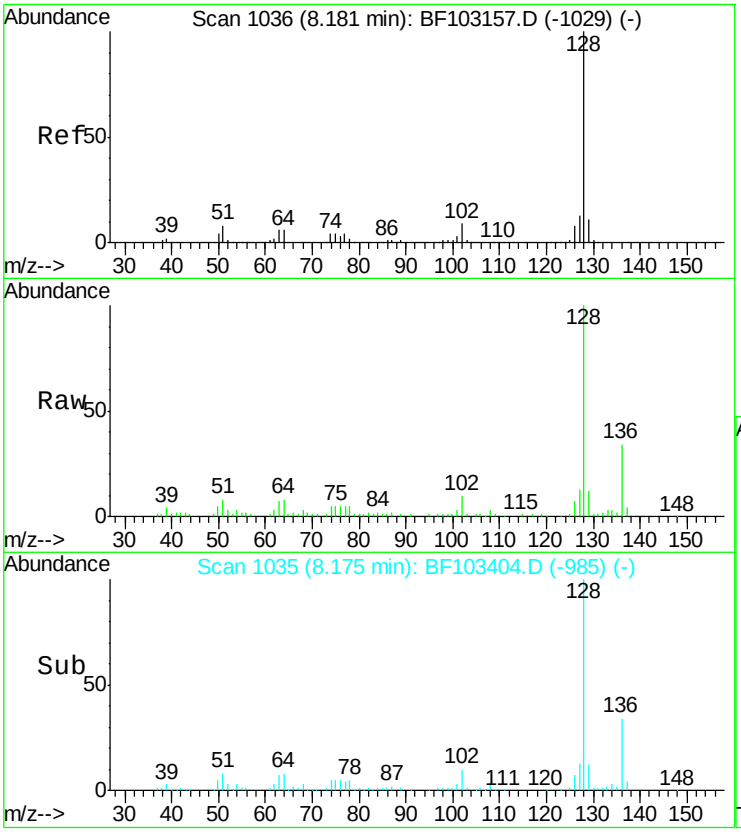


#25
Isophorone
Concen: 14.965 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion: 82 Resp: 284773

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



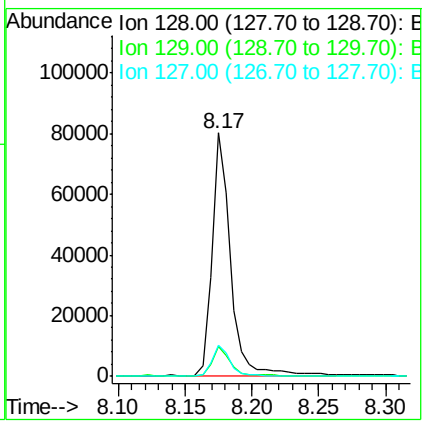


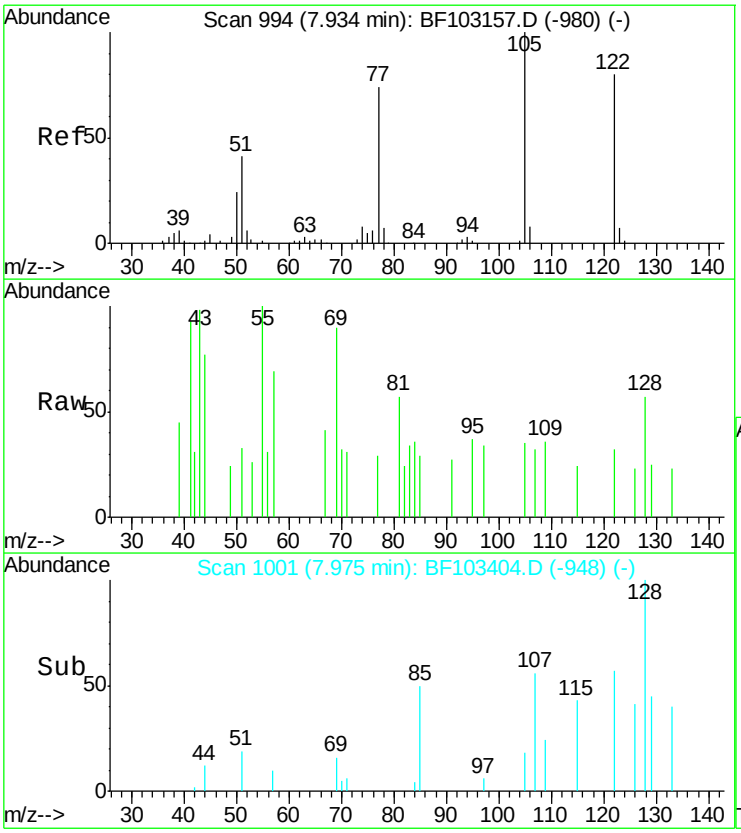
#31
Naphthalene
Concen: 2.929 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 79128

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	12.8	10.9	16.3

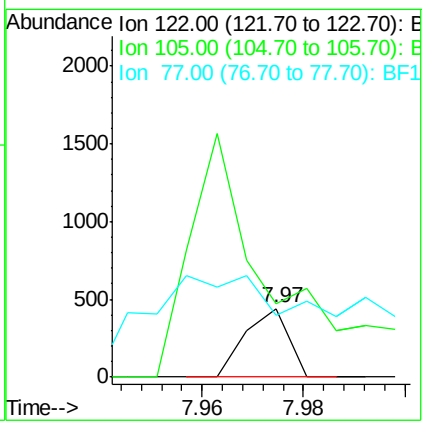


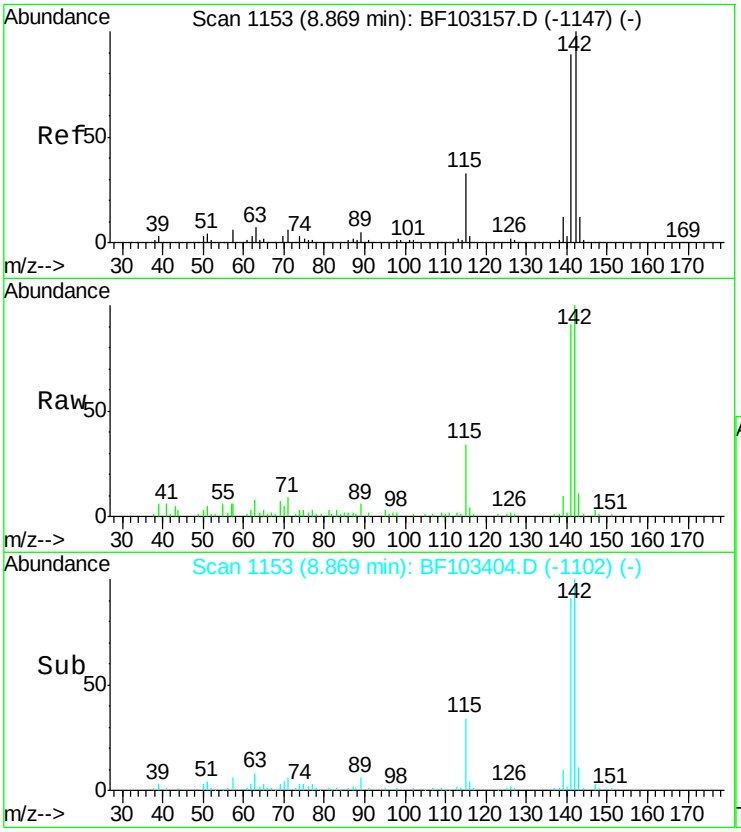


#32
Benzoic acid
Concen: 6.953 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:122 Resp: 261

Ion	Ratio	Lower	Upper
122	100		
105	107.7	101.1	141.1
77	90.2	70.7	110.7



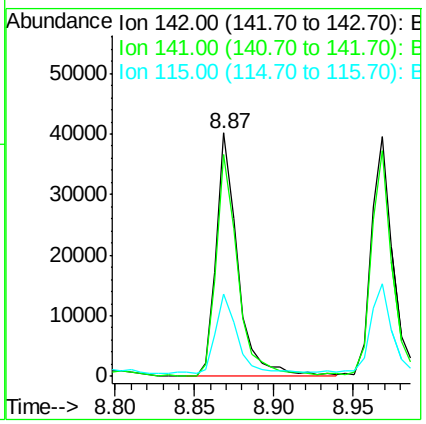


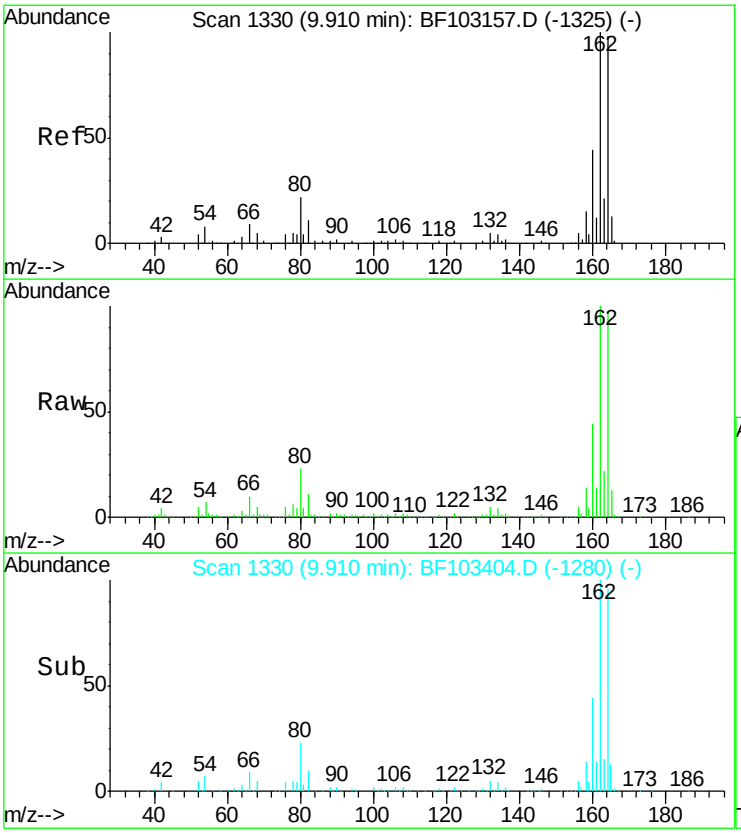
#37
2-Methylnaphthalene
Concen: 2.184 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 38124

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.8	106.2
115	33.9	26.1	39.1

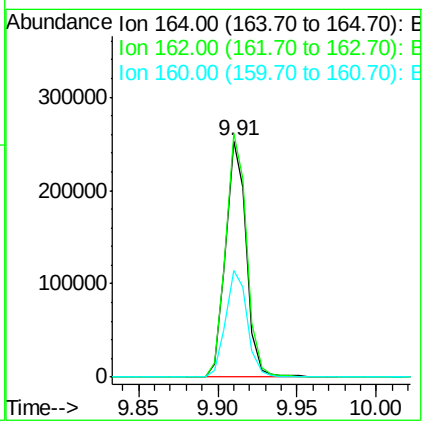


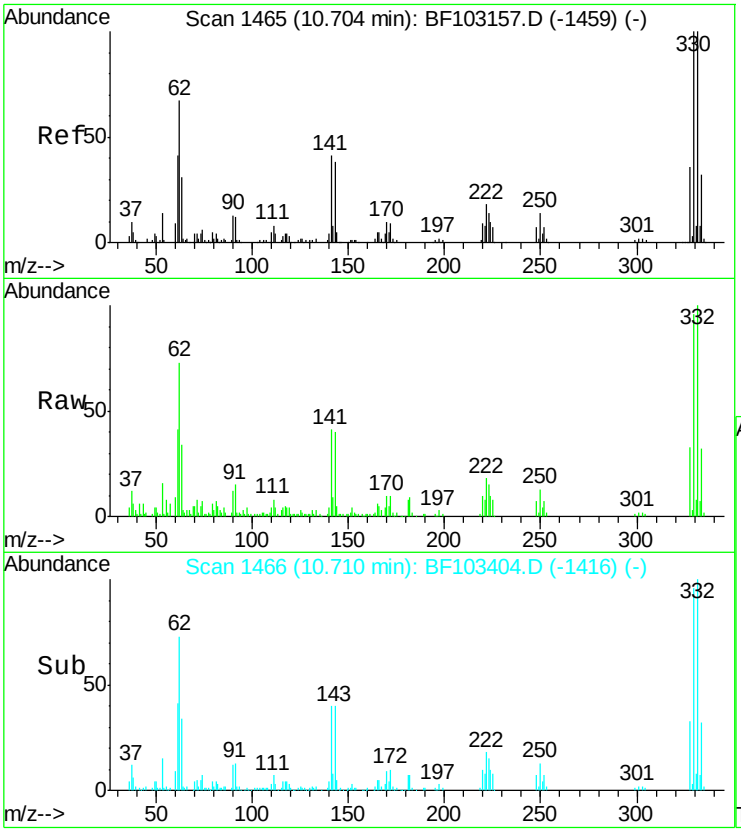


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:164 Resp: 228301

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.3	38.3	57.5



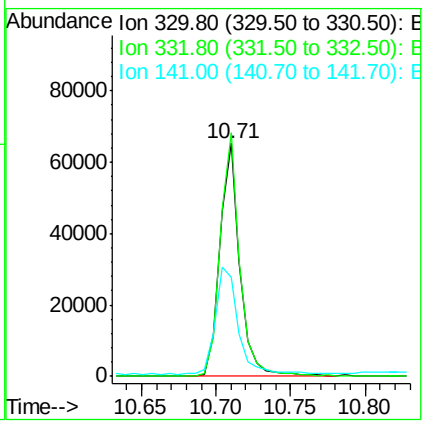


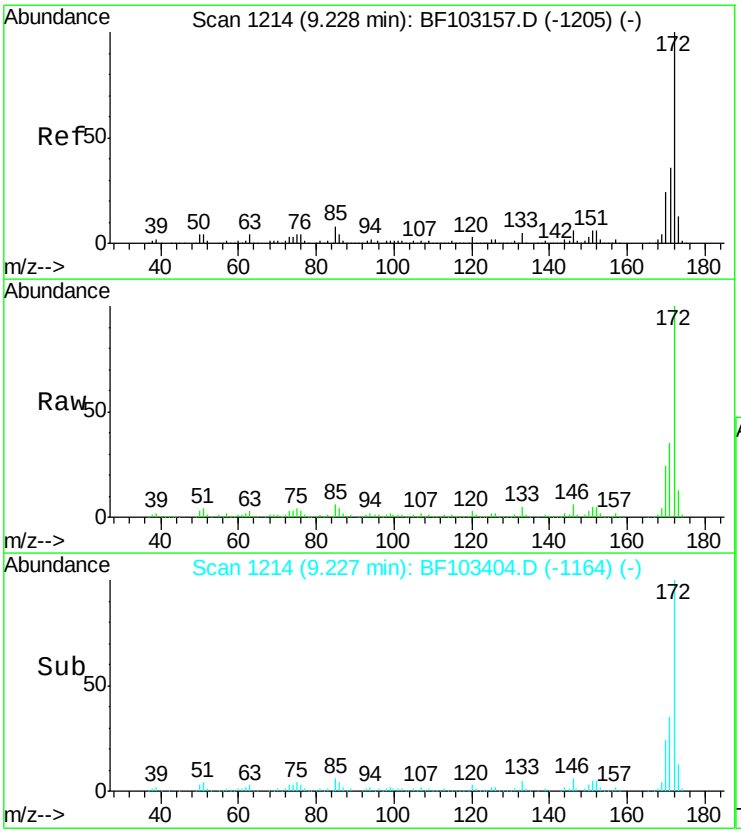
#41
2,4,6-Tribromophenol
Concen: 32.000 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 61839

Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	52.4	29.9	44.9#

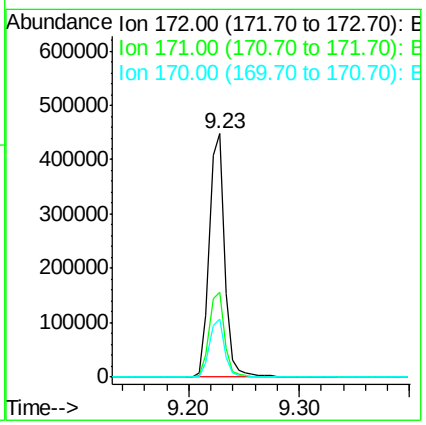


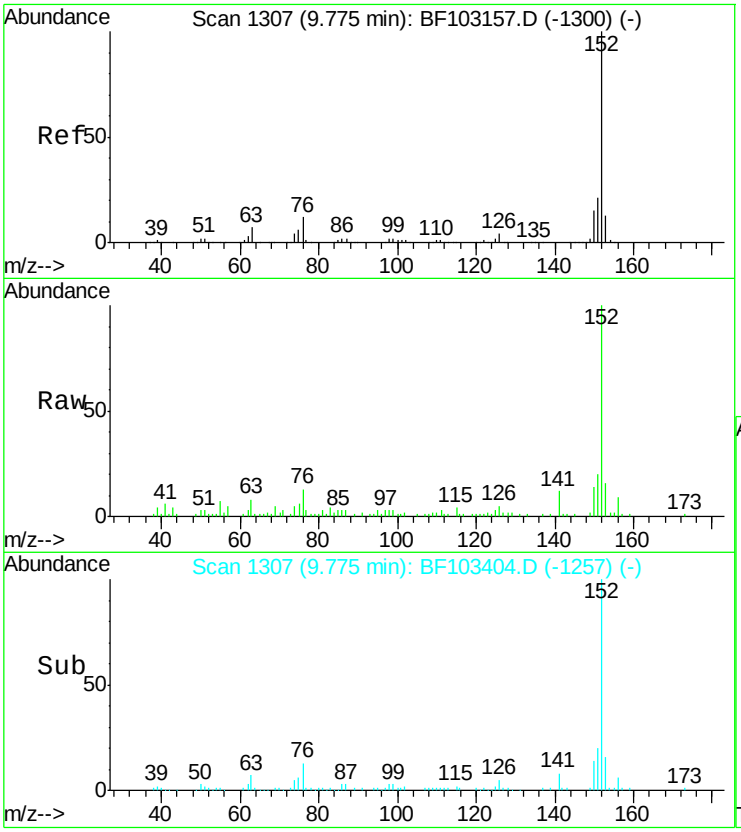


#44
2-Fluorobiphenyl
Concen: 26.288 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:172 Resp: 425641

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.6	19.6	29.4



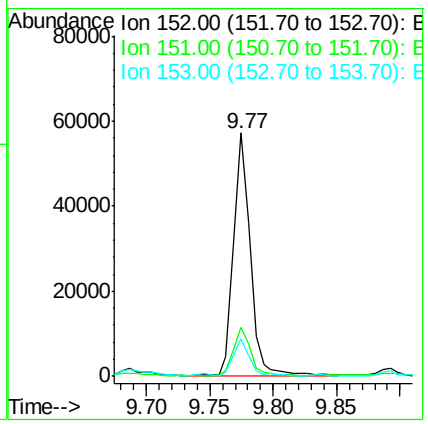


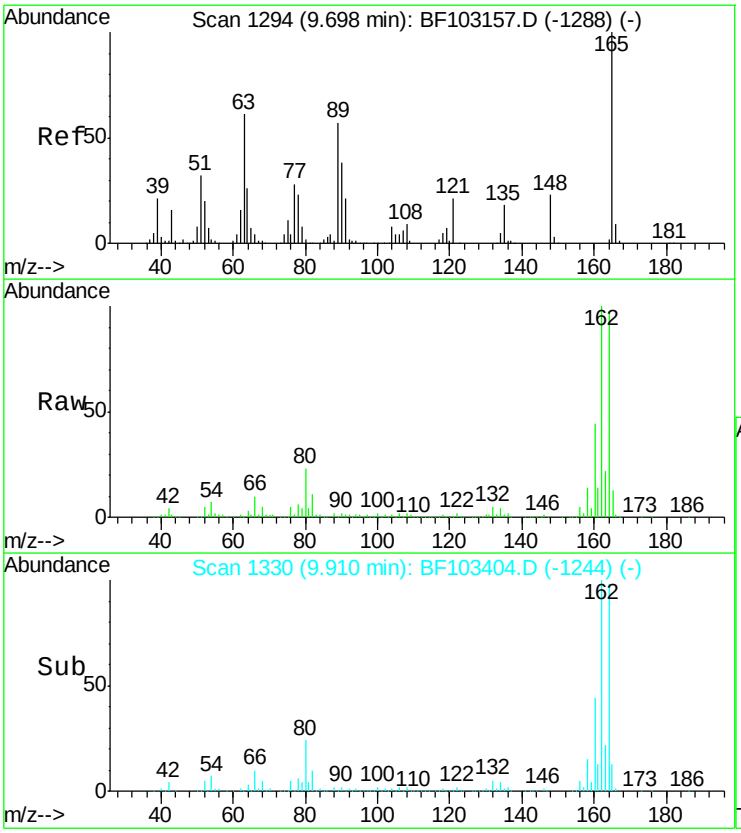
#48
Acenaphthylene
Concen: 2.275 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52975

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	15.6	10.7	16.1

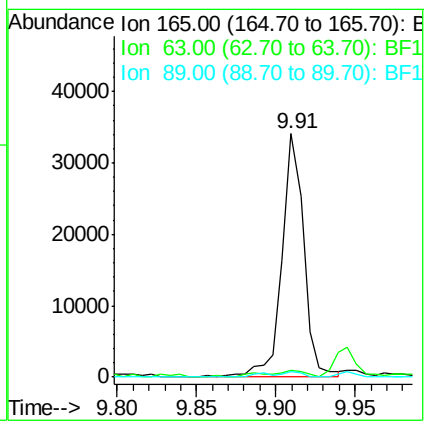


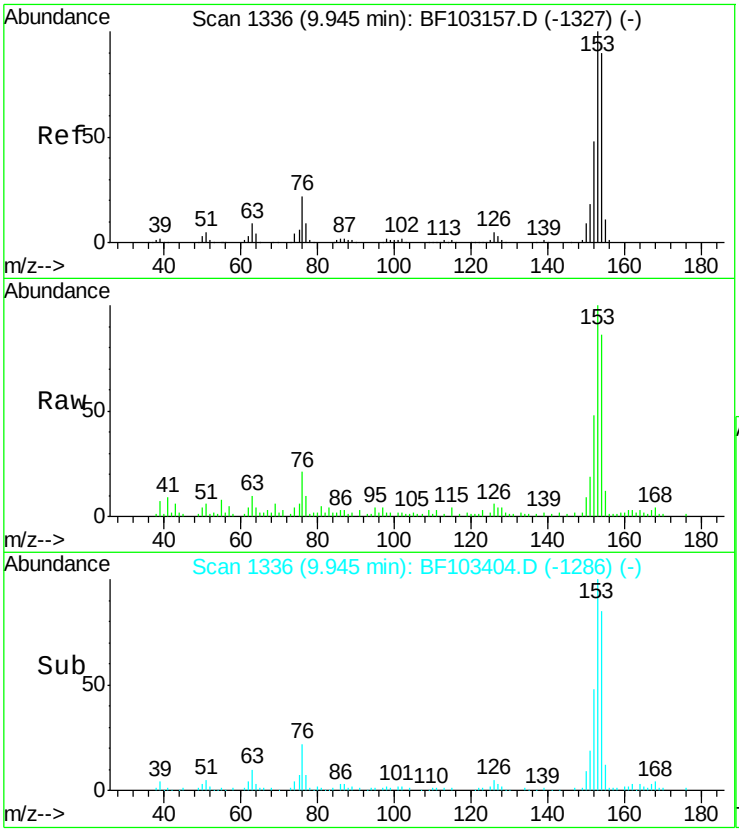


#50
2,6-Dinitrotoluene
Concen: 8.520 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:165 Resp: 32744

Ion	Ratio	Lower	Upper
165	100		
63	2.8	44.7	67.1#
89	2.1	44.0	66.0#



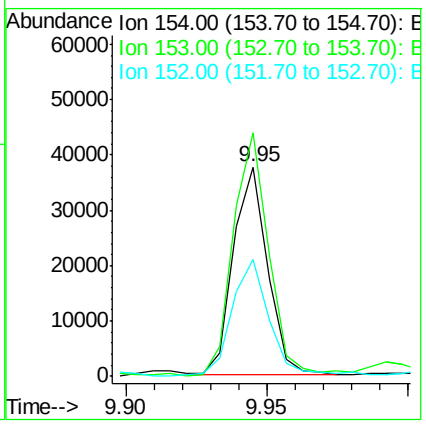


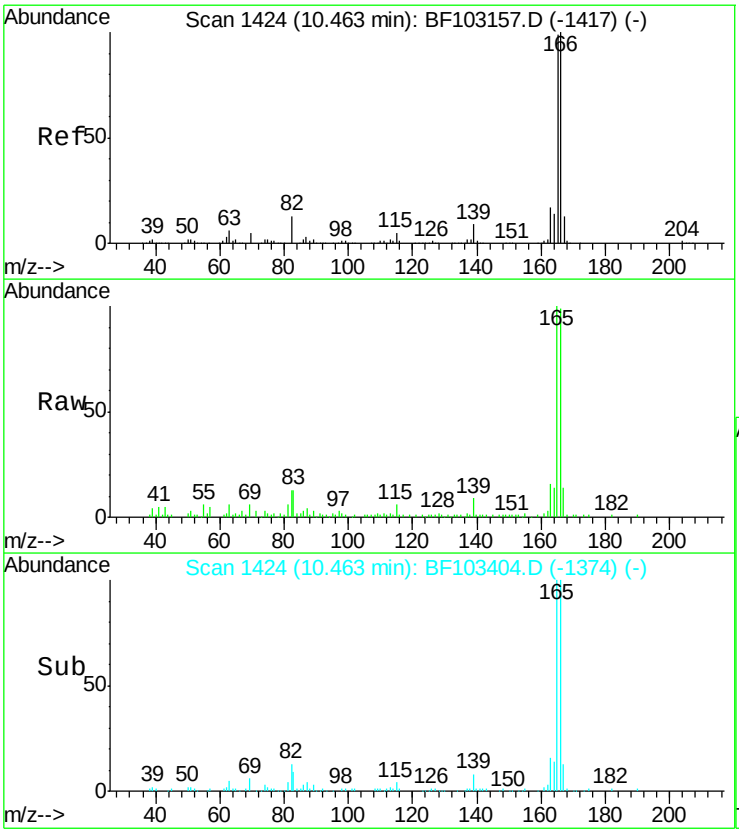
#51
Acenaphthene
Concen: 2.320 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 31496

Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.2	136.8
152	55.9	43.8	65.8

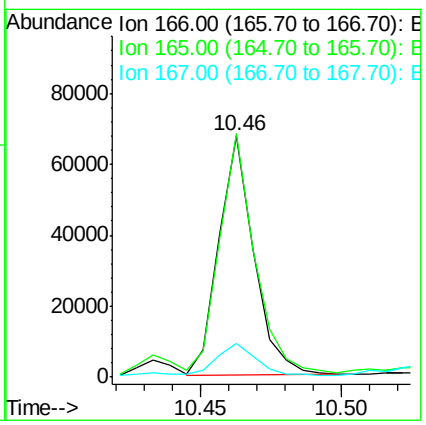


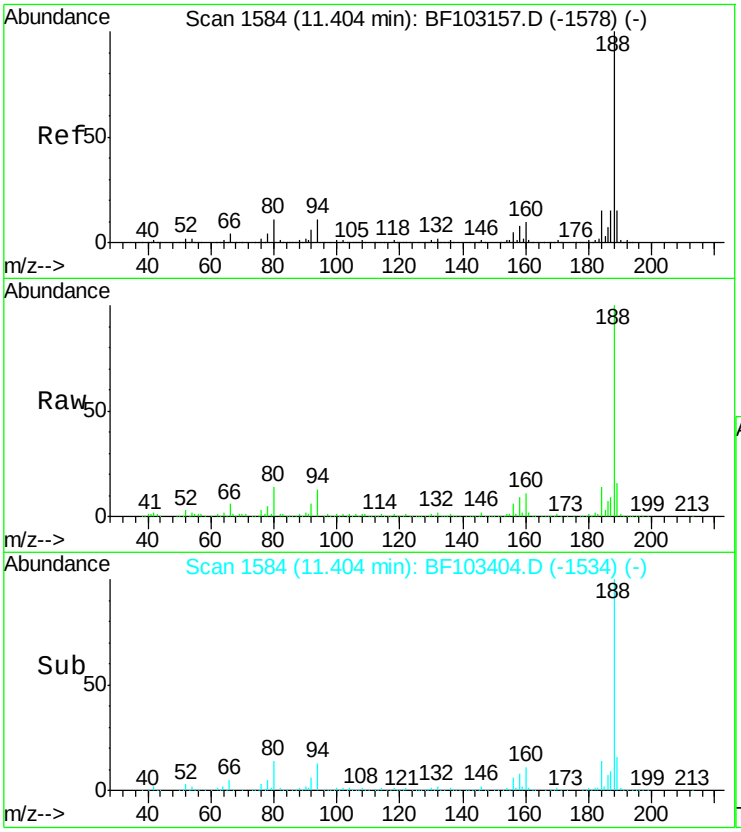


#57
Fluorene
Concen: 3.683 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:166 Resp: 58477

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.7	10.6	16.0



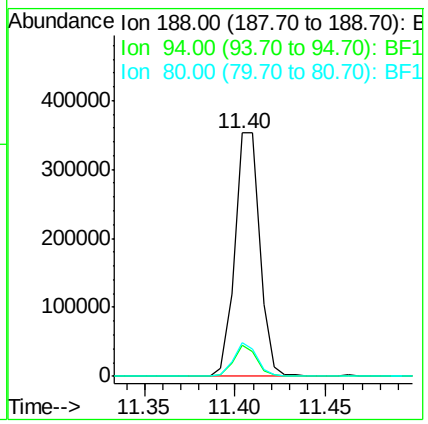


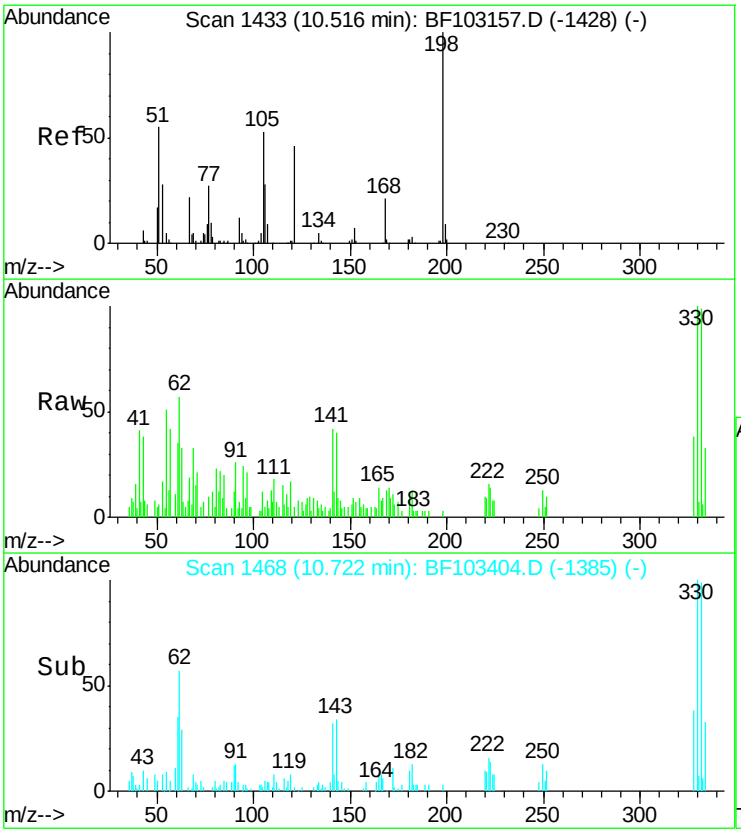
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 341651

Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.5	12.7#
80	14.0	9.2	13.8#

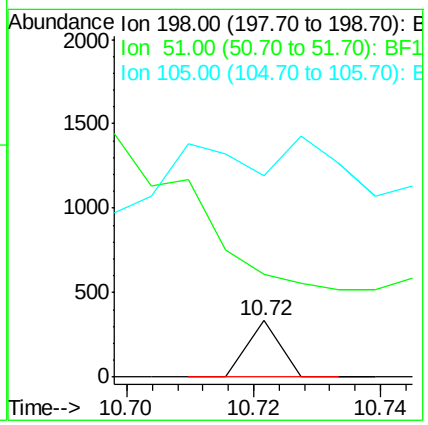


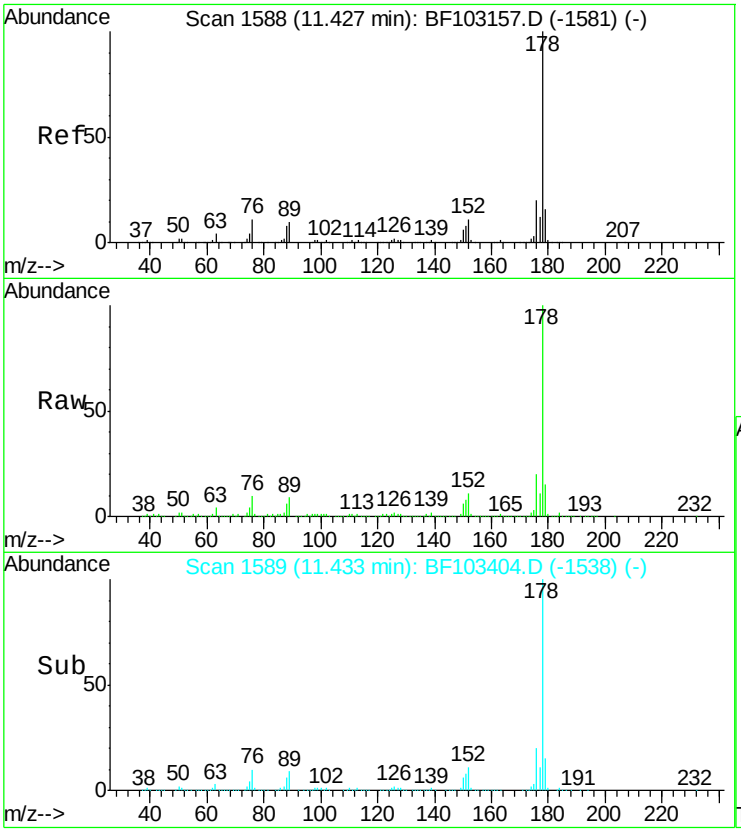


#64
4,6-Dinitro-2-methylphenol
Concen: 4.996 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:198 Resp: 118

Ion	Ratio	Lower	Upper
198	100		
51	180.9	37.7	77.7#
105	356.7	36.3	76.3#



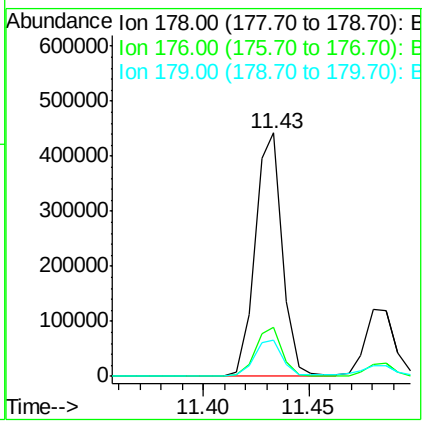


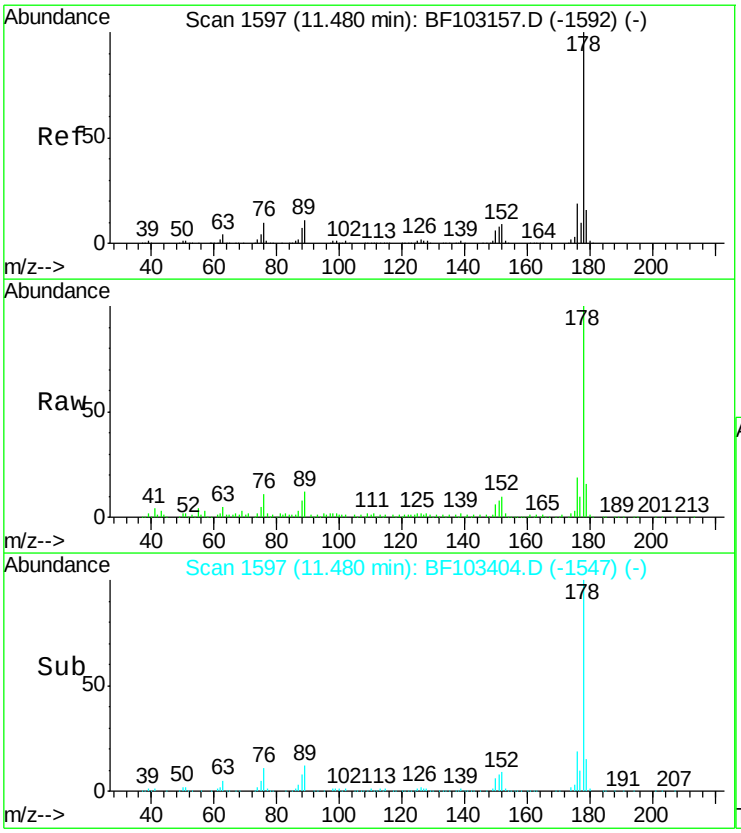
#70
Phenanthrene
Concen: 21.064 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 396040

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.0	13.0	19.6

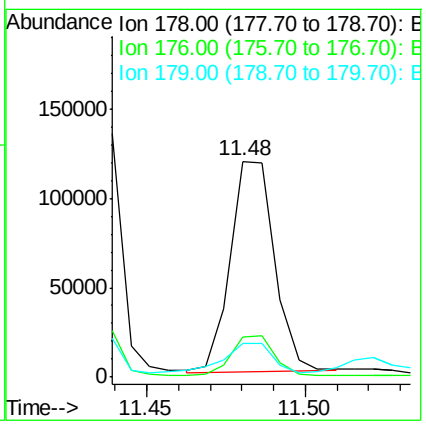


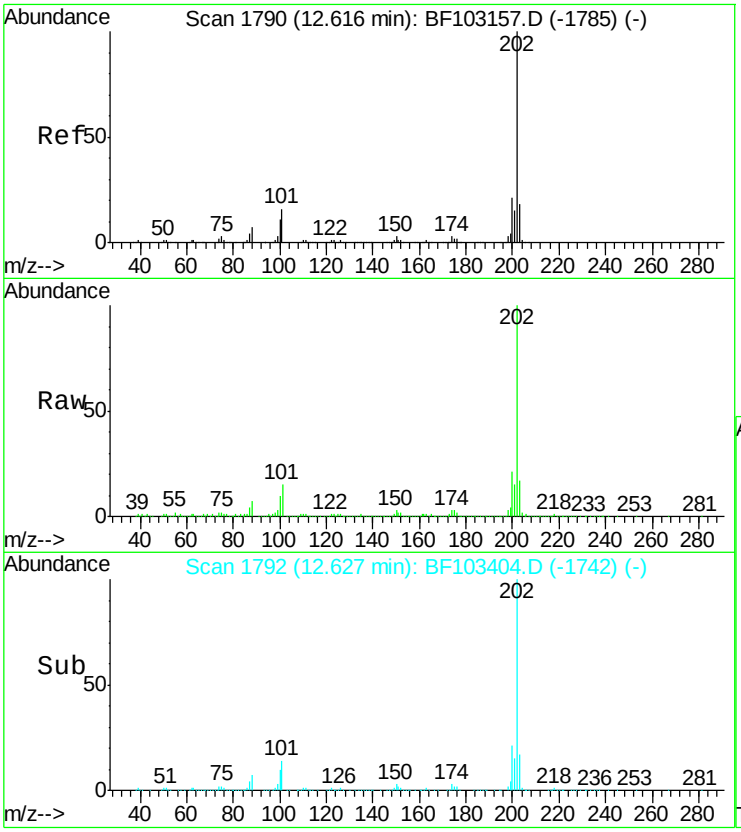


#71
Anthracene
Concen: 5.862 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:178 Resp: 113025

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.6	19.0



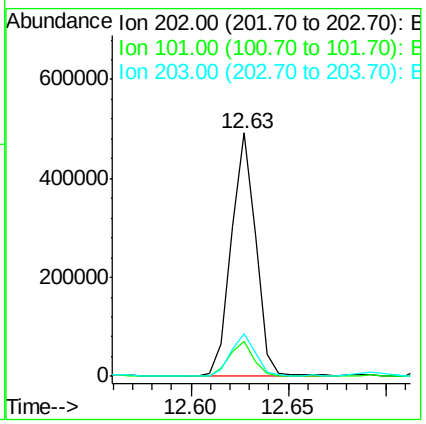


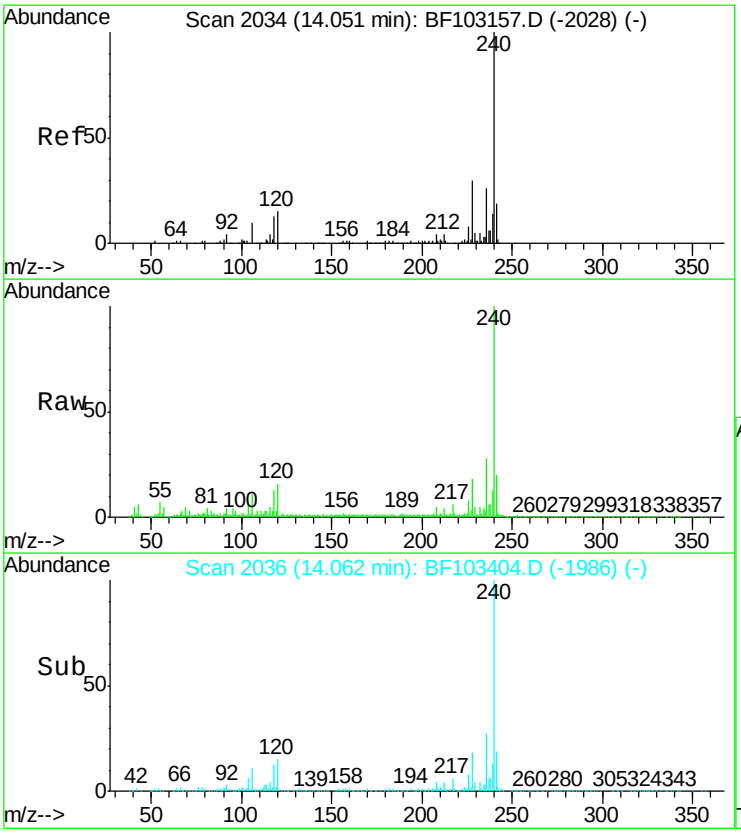
#74
Fluoranthene
Concen: 22.615 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 427292

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.3	0.0	38.1

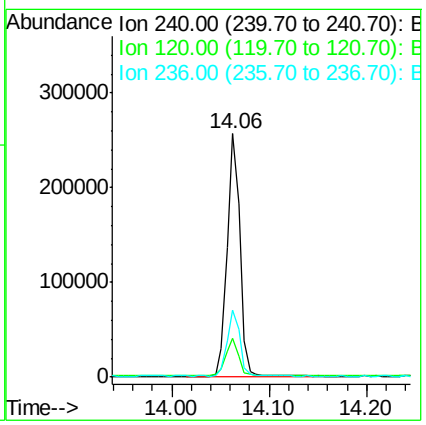


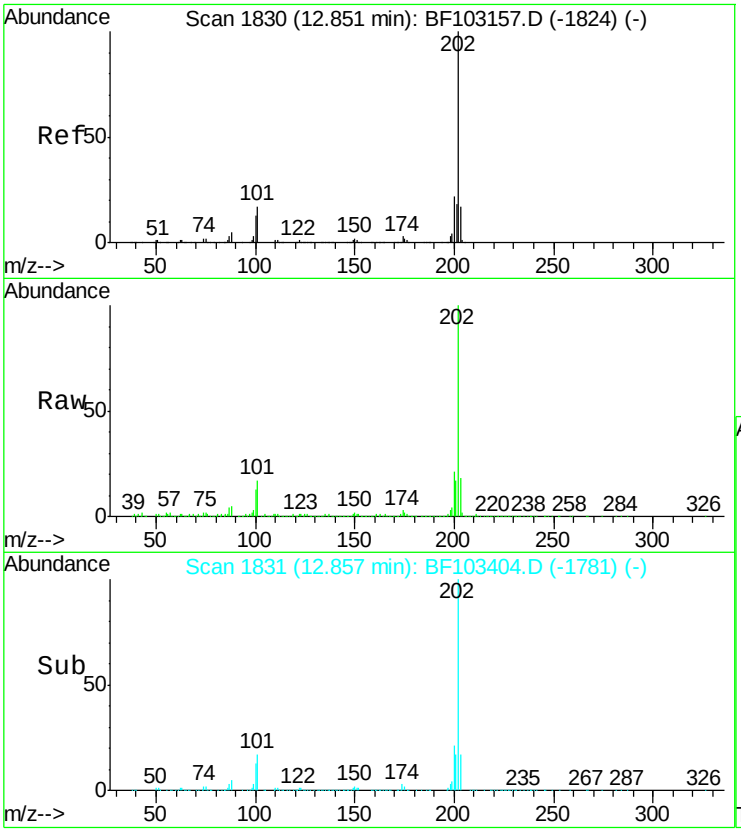


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:240 Resp: 234783

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	27.5	20.7	31.1



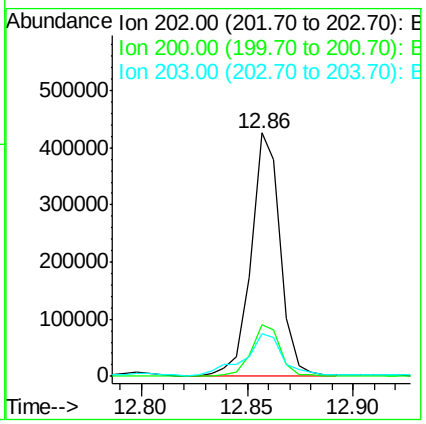


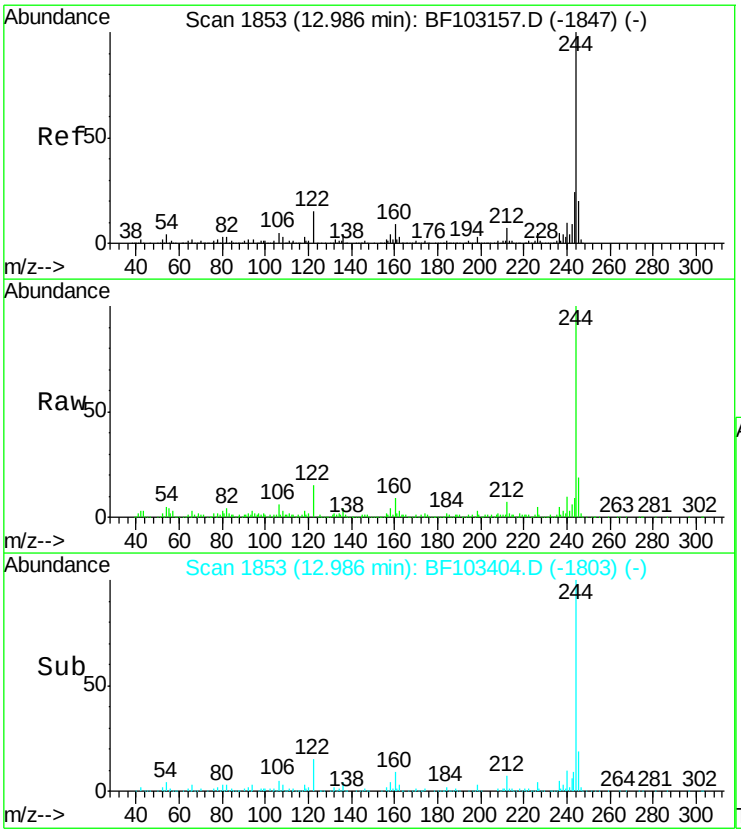
#77
Pyrene
Concen: 22.237 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 407047

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.7	14.3	21.5

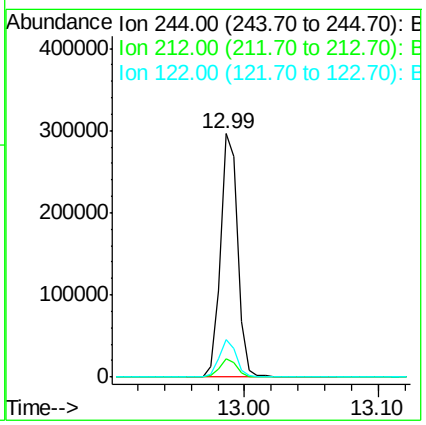


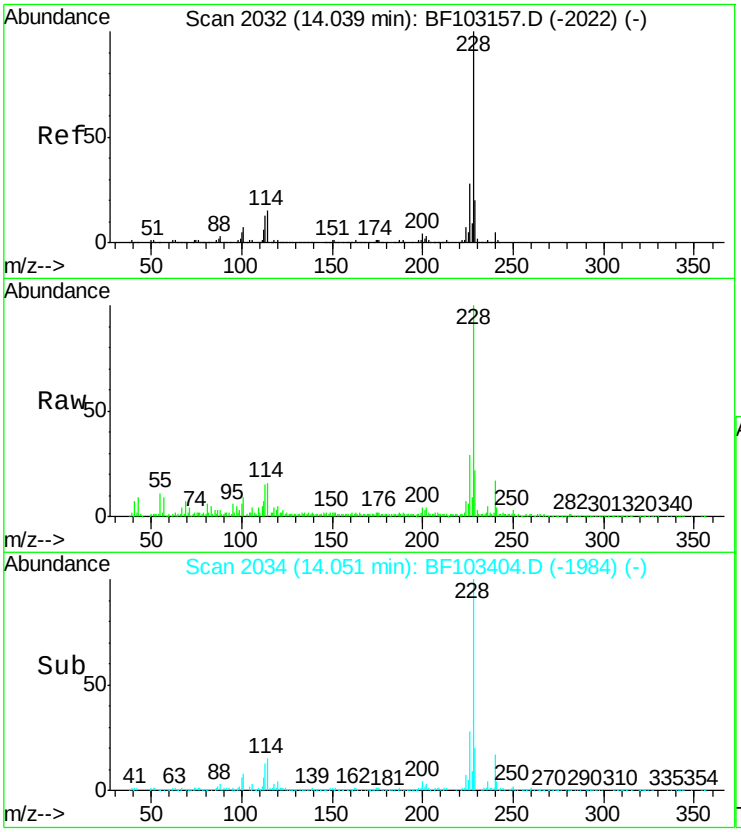


#78
Terphenyl-d14
Concen: 27.791 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:244 Resp: 271434

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	15.4	11.0	16.4



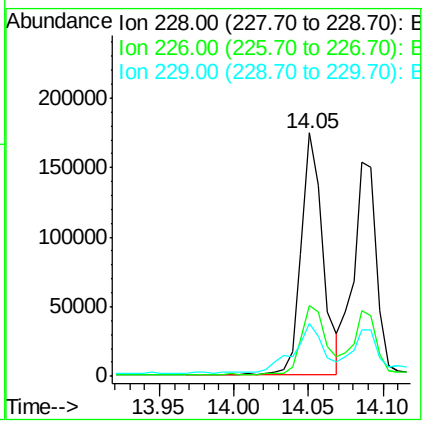


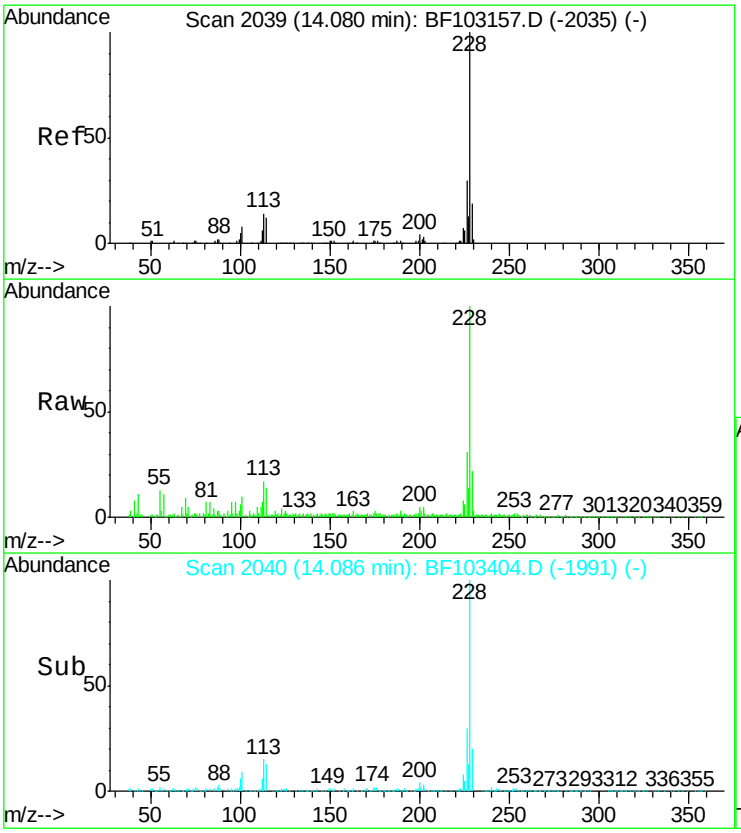
#80
Benzo(a)anthracene
Concen: 11.586 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 176503

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	22.0	15.8	23.6

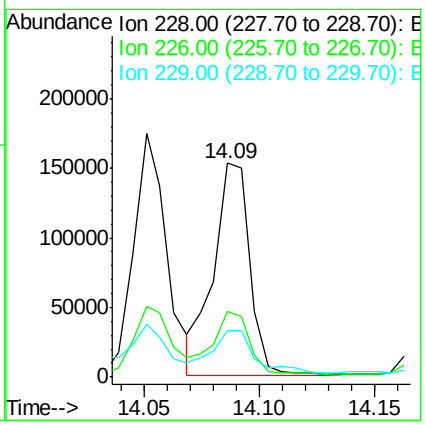


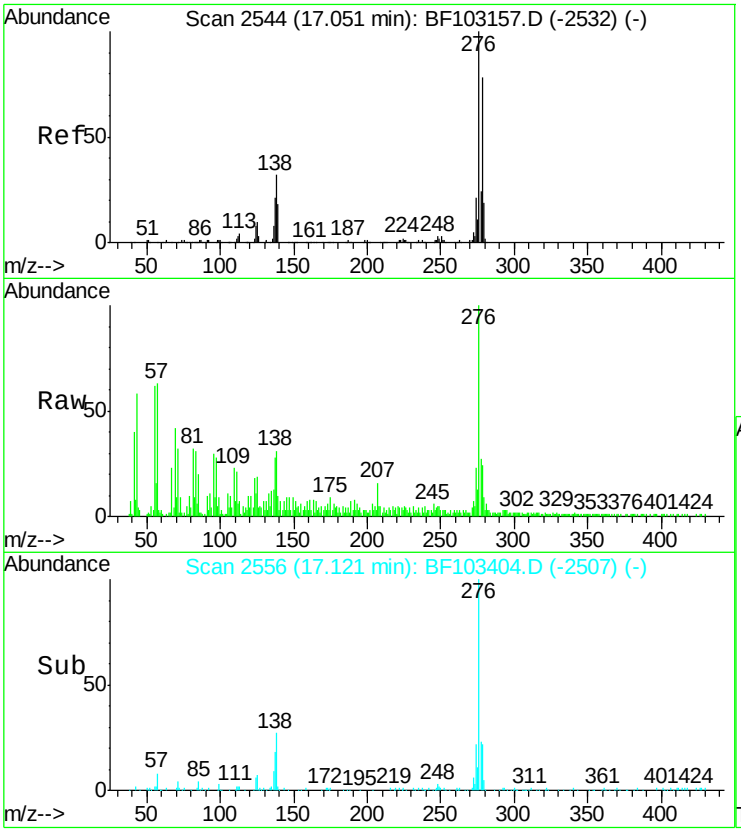


#82
Chrysene
Concen: 11.286 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:228 Resp: 166943

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.8	16.2	24.4



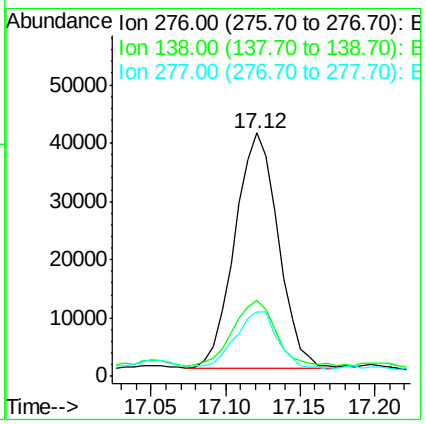


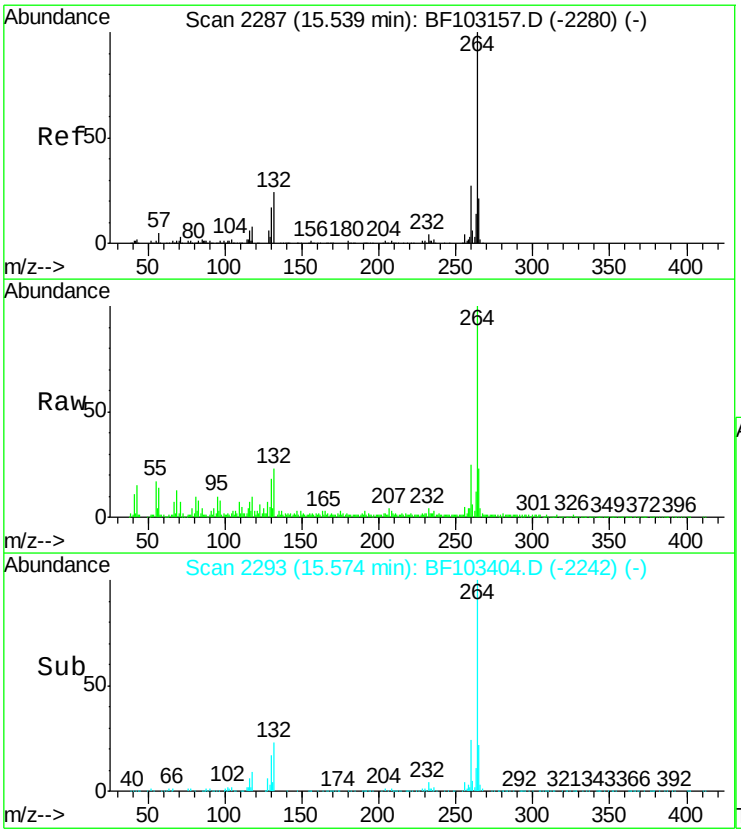
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.952 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 81412

Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	24.4	20.1	30.1

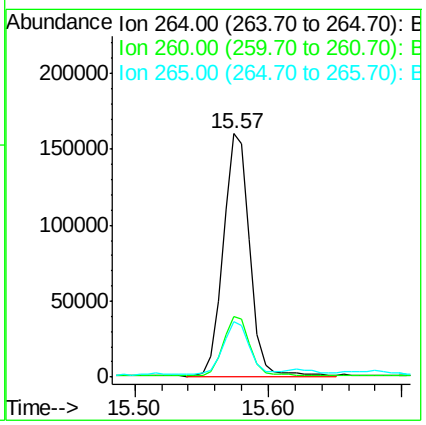


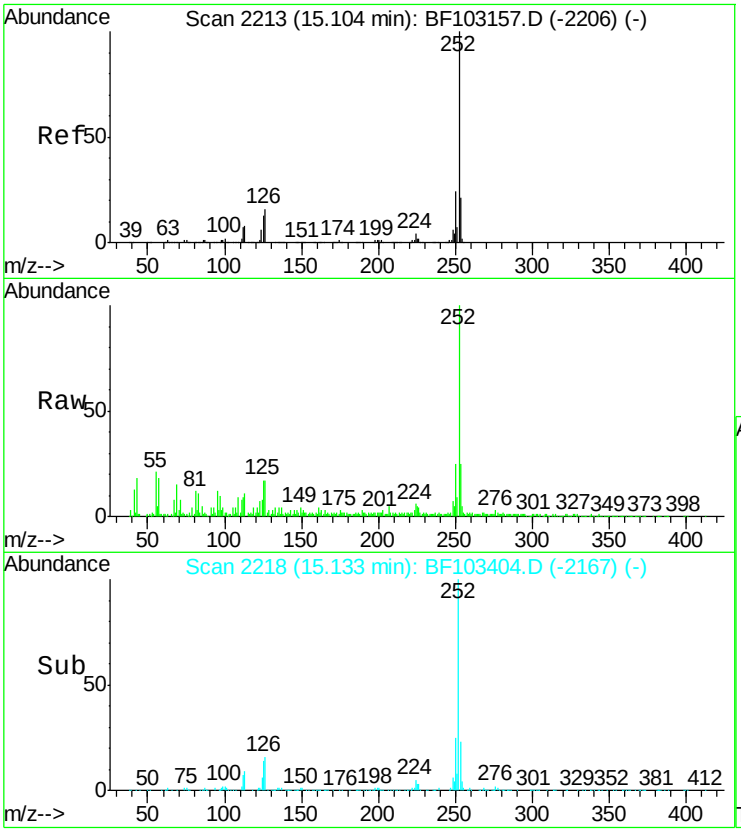


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:264 Resp: 220413

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.6	17.5	26.3



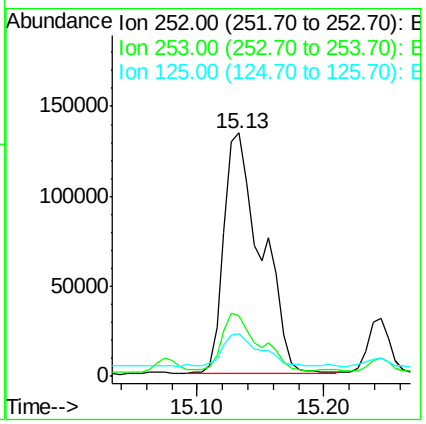


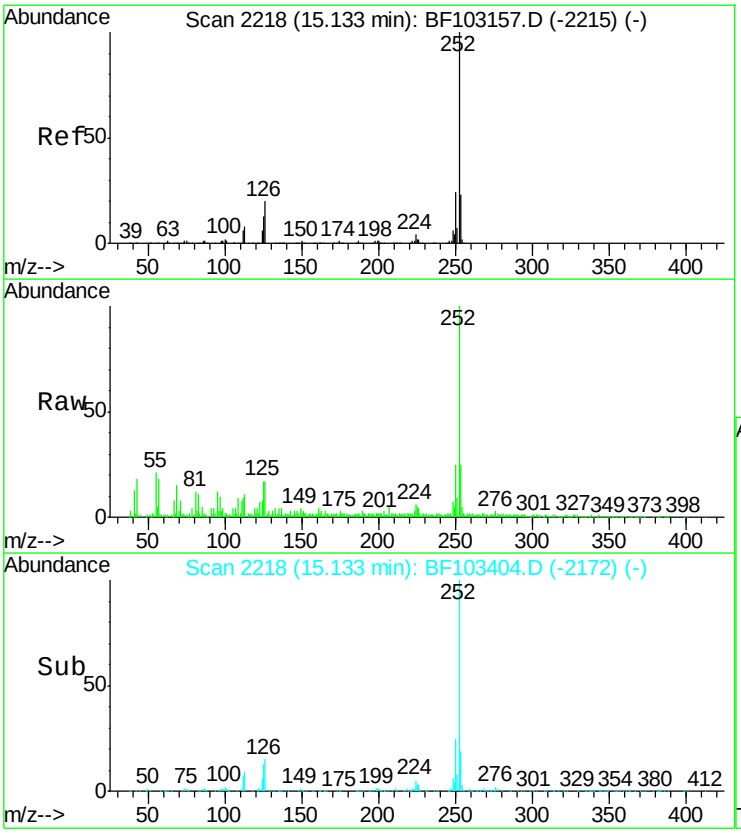
#87
Benzo(b)fluoranthene
Concen: 18.911 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 274061

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	17.3	9.0	13.6#

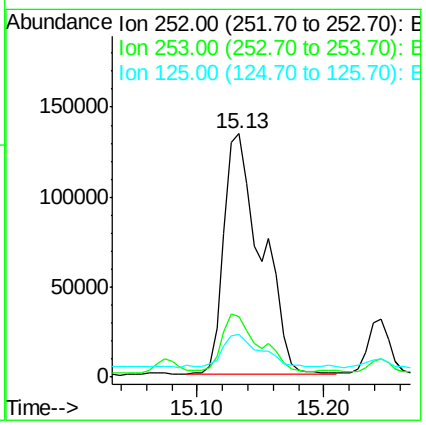


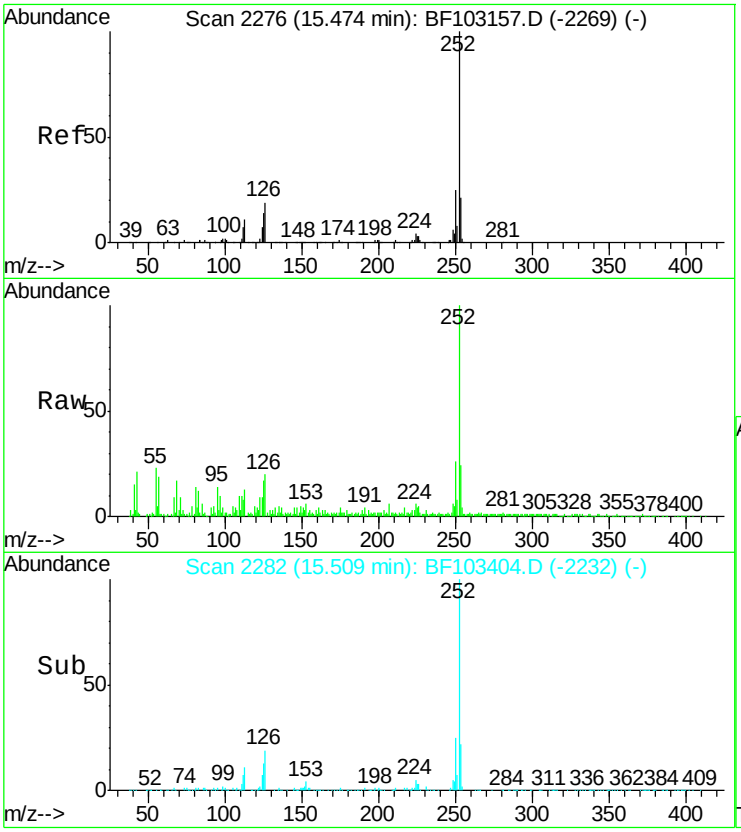


#88
Benzo(k)fluoranthene
Concen: 20.083 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:252 Resp: 274061

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	17.3	10.2	15.2#



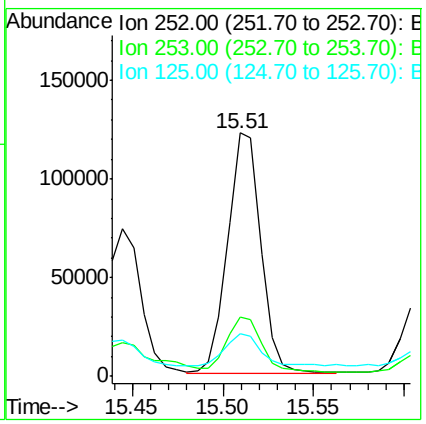


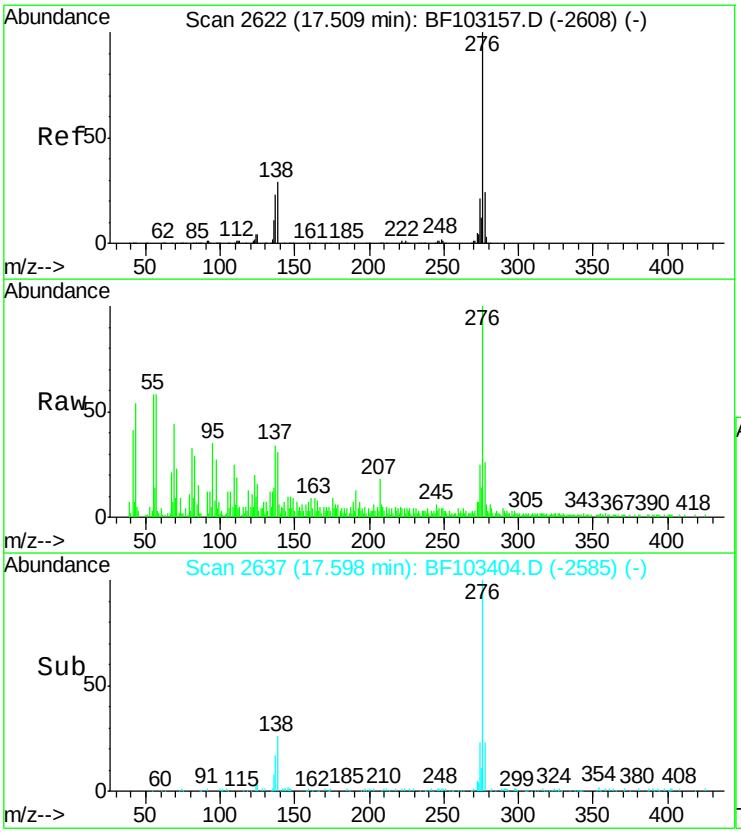
#89
Benzo(a)pyrene
Concen: 12.087 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 156425

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	17.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 8.302 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.01 min
Lab File: BF103404.D
Acq: 5 Mar 2018 12:50

Tgt Ion:276 Resp: 81141

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	30.7	21.8	32.8