Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104136.D
Acq On : 2 Apr 2018 15:41
Operator : JU/SJ
Sample : J2099-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 02 17:13:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112025	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	484324	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	223581	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	344978	20.00	ng		0.00
75) Chrysene-d12	14.17	240	221516	20.00	ng		0.02
86) Perylene-d12	15.74	264	257382	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	19299	2.75	ng		0.02
7) Phenol-d6	6.60	99	55510	6.42	ng		0.00
23) Nitrobenzene-d5	7.53	82	37182	4.69	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	17315	6.95	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	99020	6.98	ng		0.00
78) Terphenyl-d14	13.09	244	64328	6.71	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	279	Below Cal		#	1
25) Isophorone	7.53	82	37182	2.548	ng	#	64
48) Acenaphthylene	9.86	152	473466	20.647	ng		99
53) 2,4-Dinitrophenol	10.00	184	114	5.636	ng	#	9
70) Phenanthrene	11.52	178	51436	2.754	ng	#	90
71) Anthracene	11.57	178	41039	2.104	ng	#	87
74) Fluoranthene	12.72	202	70896	3.571	ng		84
77) Pyrene	12.96	202	145832	9.158	ng	#	94
80) Benzo(a)anthracene	14.16	228	41231	2.975	ng	#	50
85) Indeno(1,2,3-cd)pyrene	17.33	276	65960	4.689	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	143021	9.131	ng	#	91
88) Benzo(k)fluoranthene	15.29	252	143021	9.693	ng	#	94
89) Benzo(a)pyrene	15.68	252	81845	5.638	ng	#	88
91) Benzo(g,h,i)perylene	17.82	276	61195	4.552	ng		95

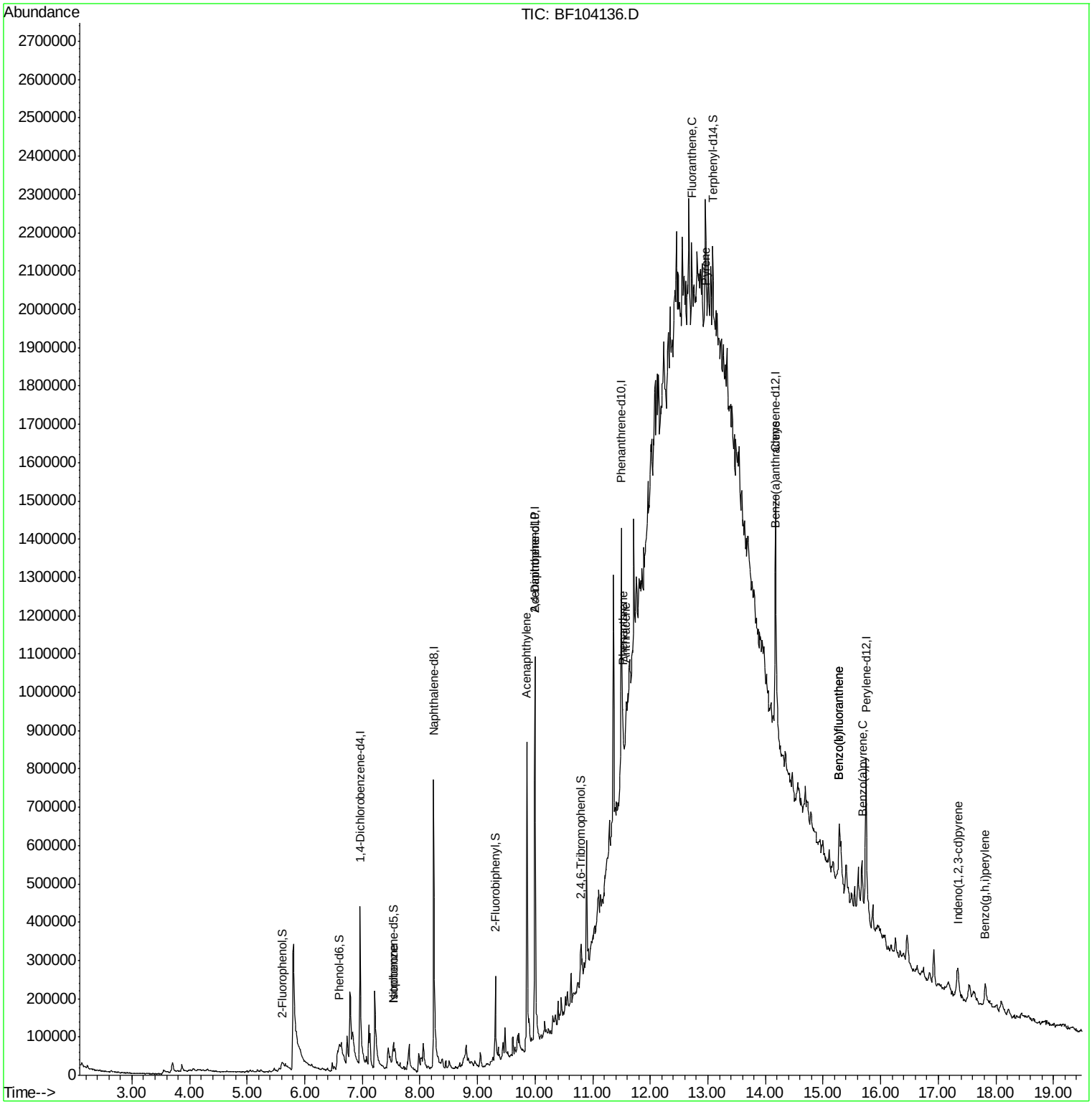
(#) = qualifier out of range (m) = manual integration (+) = signals summed

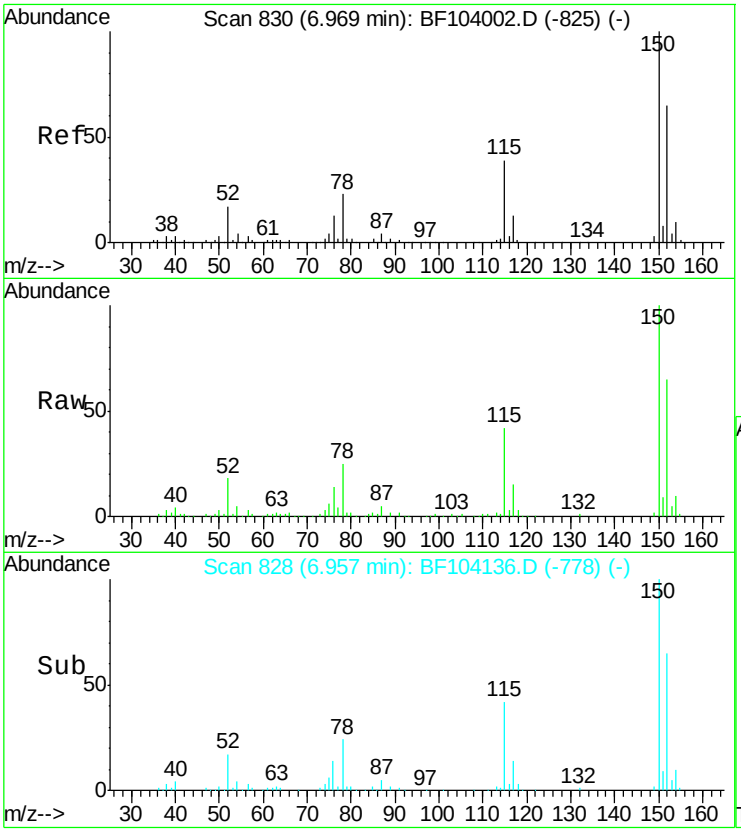
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104136.D
Acq On : 2 Apr 2018 15:41
Operator : JU/SJ
Sample : J2099-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 02 17:13:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

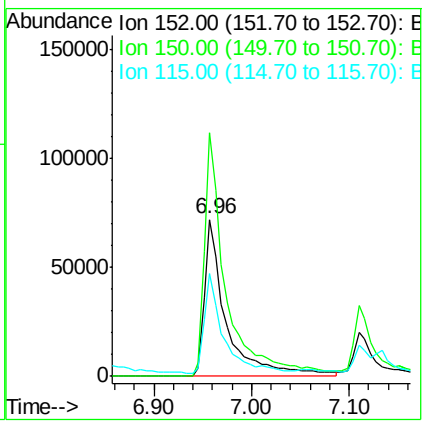




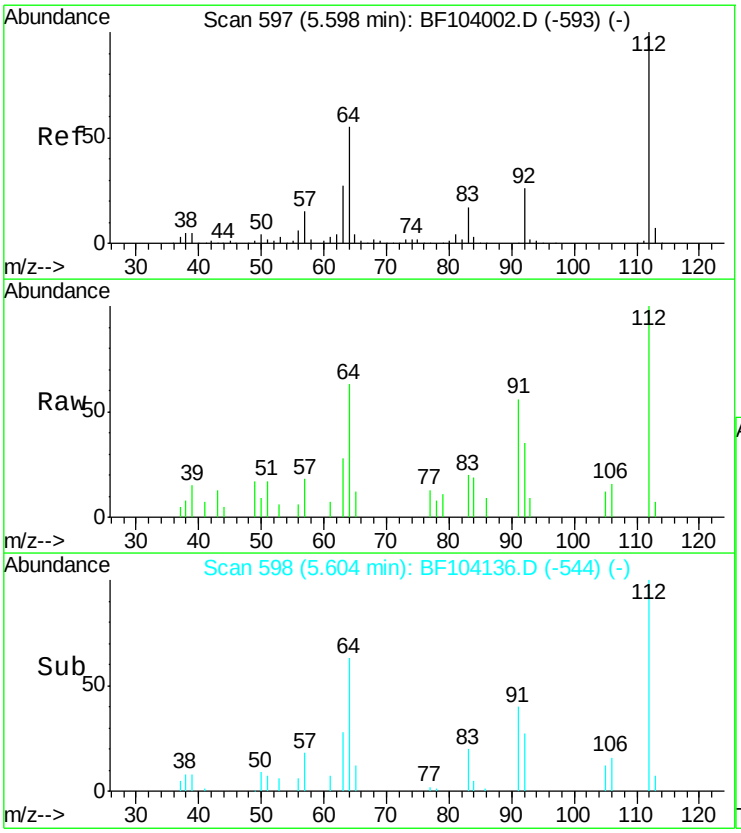
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:152 Resp: 112025

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	65.1	50.1	75.1



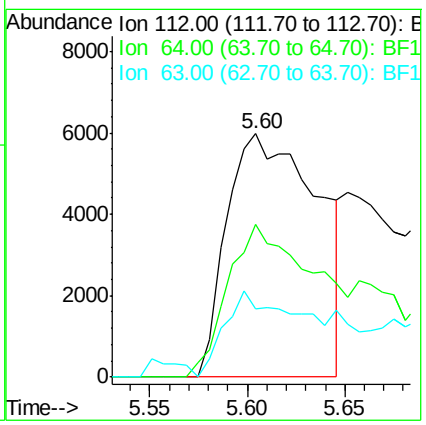
Instrument :
BNA_F
ClientSampleId :

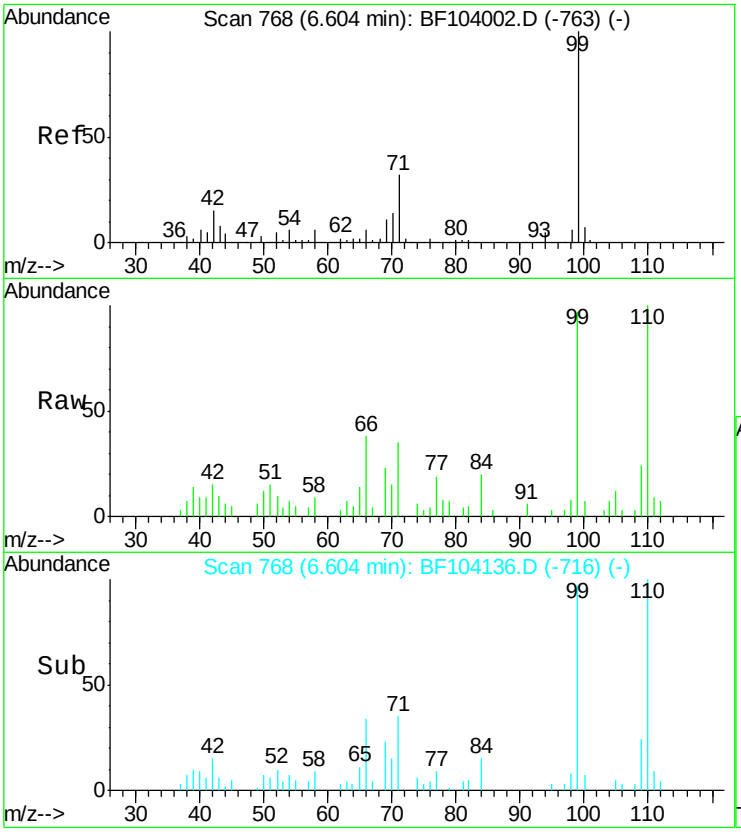


#5
2-Fluorophenol
Concen: 2.747 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:112 Resp: 19299

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	28.2	23.7	35.5



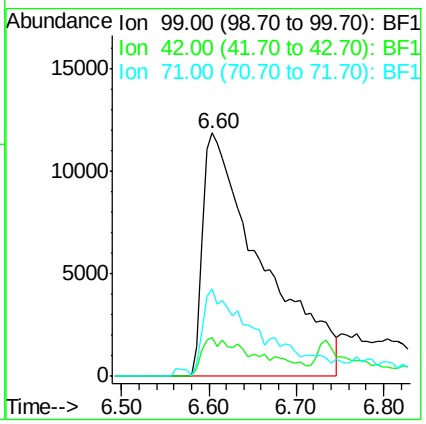


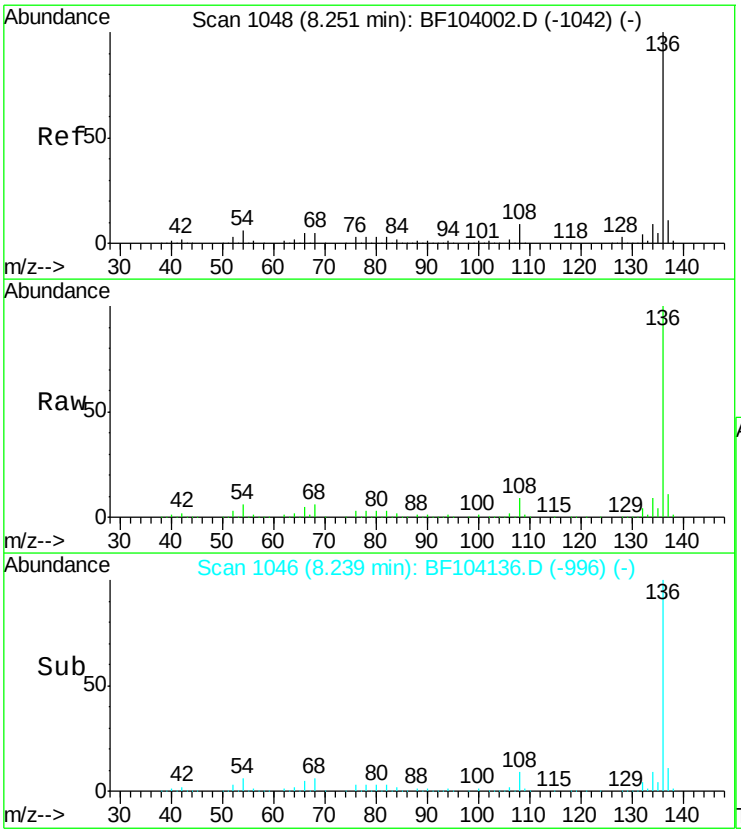
#7
Phenol-d6
Concen: 6.423 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 55510

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	35.9	25.4	38.0

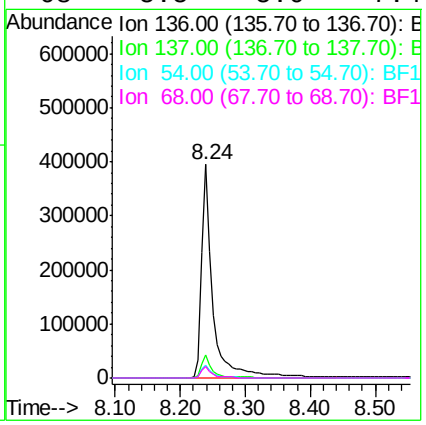


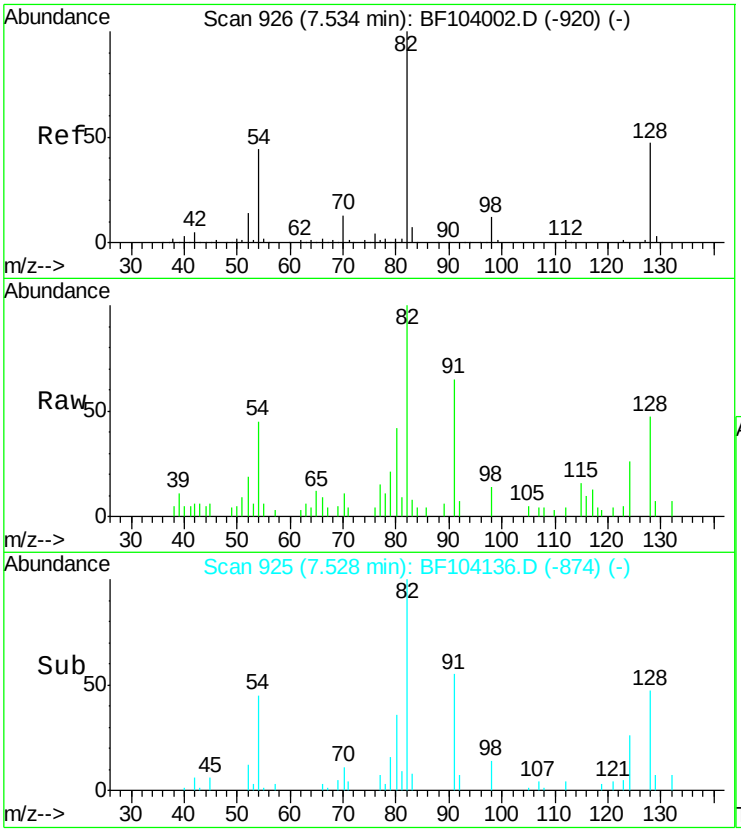


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:136 Resp: 484324

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.5	5.0	7.4



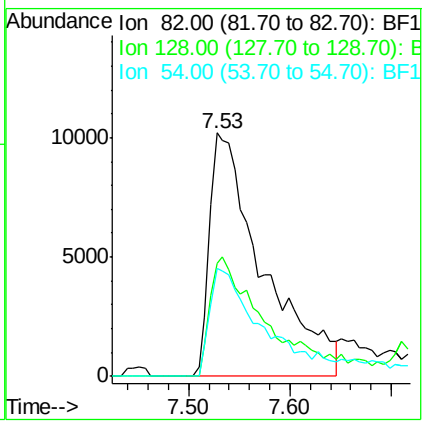


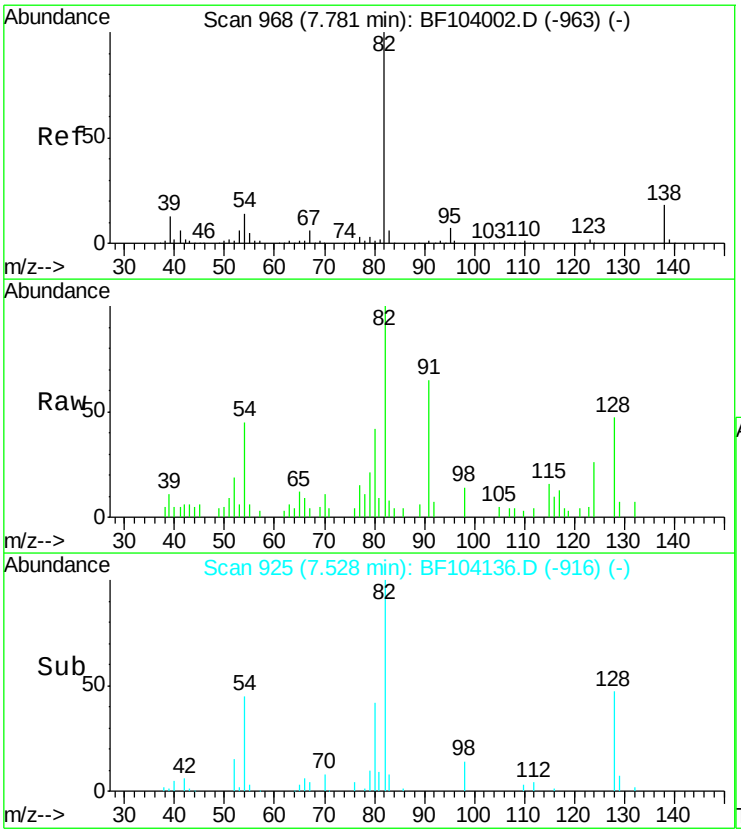
#23
Nitrobenzene-d5
Concen: 4.695 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 37182

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	44.6	41.4	62.2

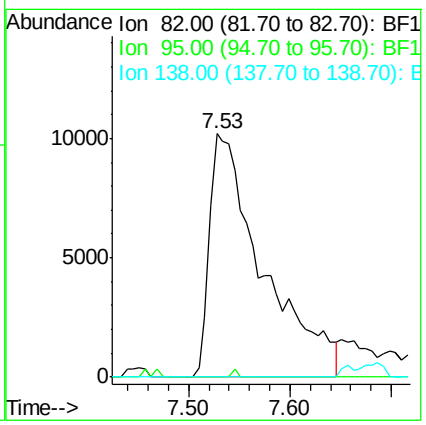


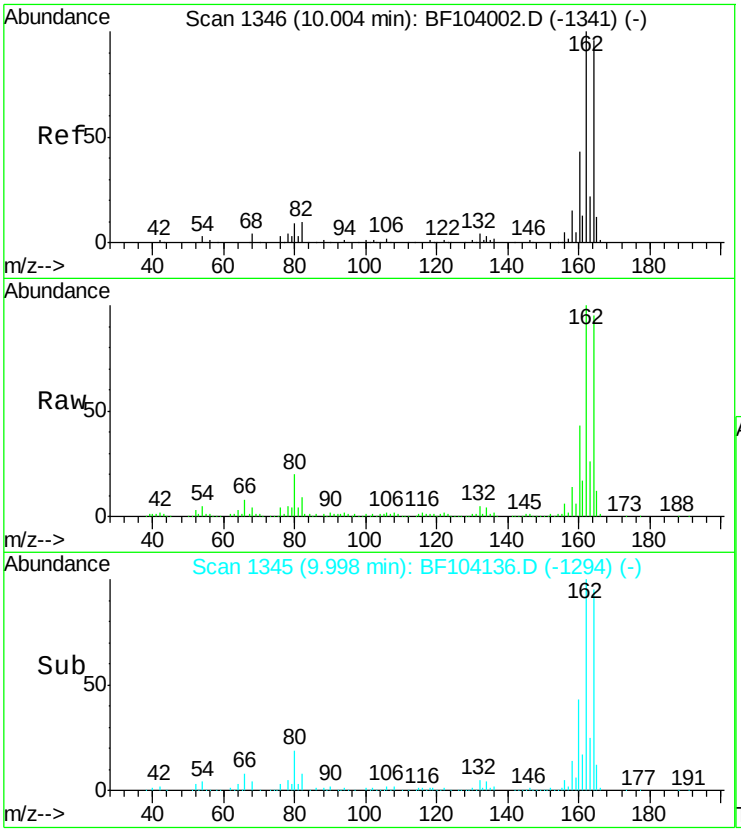


#25
Isophorone
Concen: 2.548 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion: 82 Resp: 37182

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



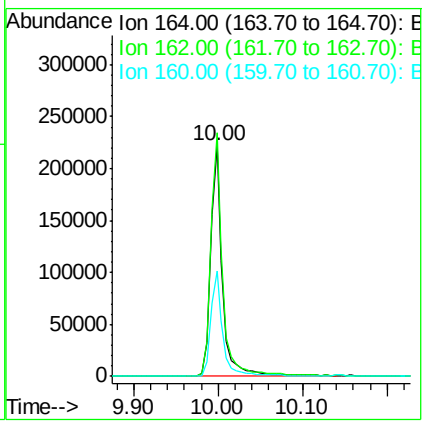


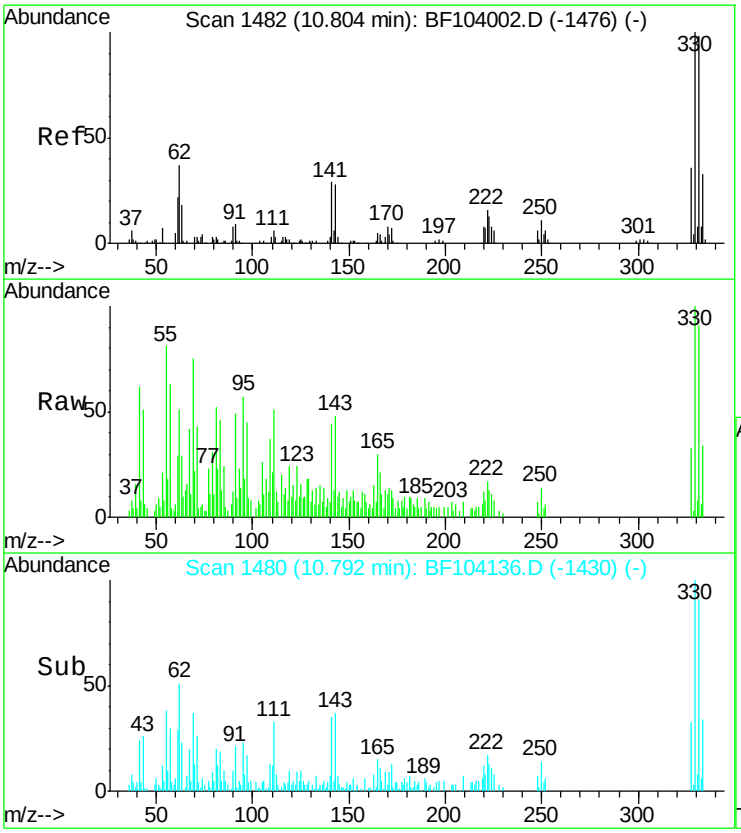
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 223581

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	45.8	38.3	57.5

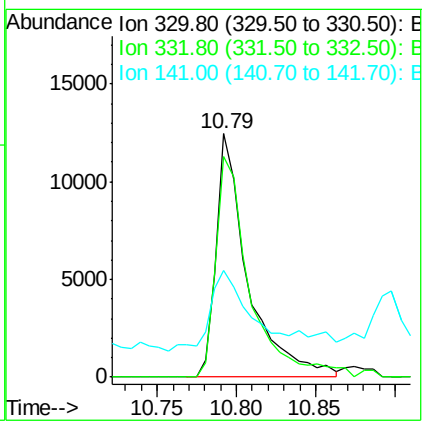


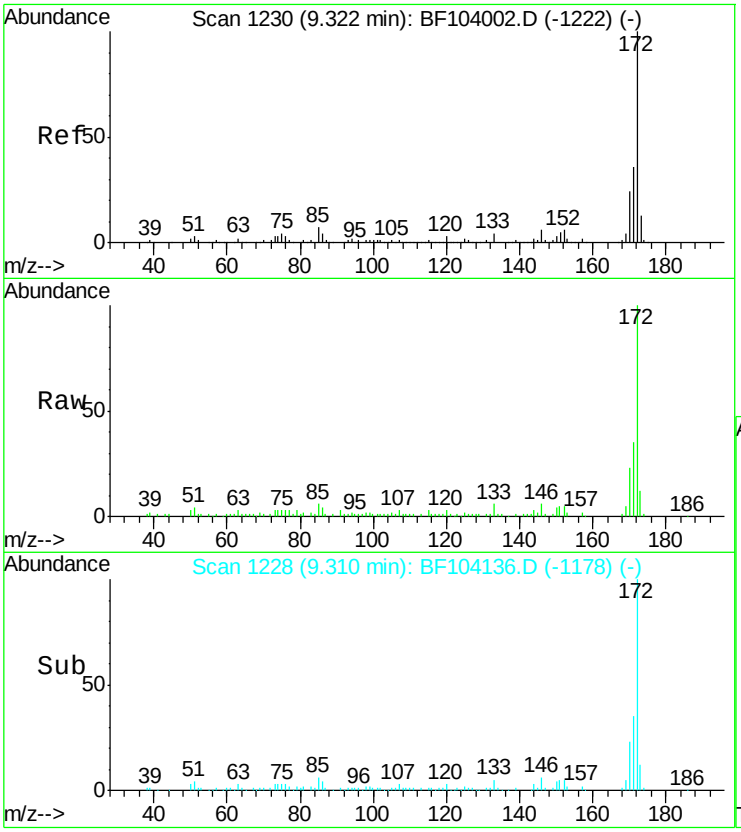


#41
2,4,6-Tribromophenol
Concen: 6.955 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:330 Resp: 17315

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	40.8	29.9	44.9



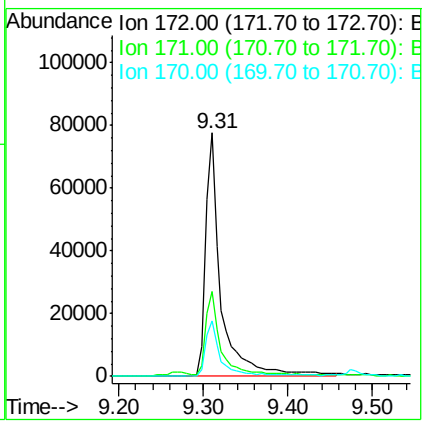


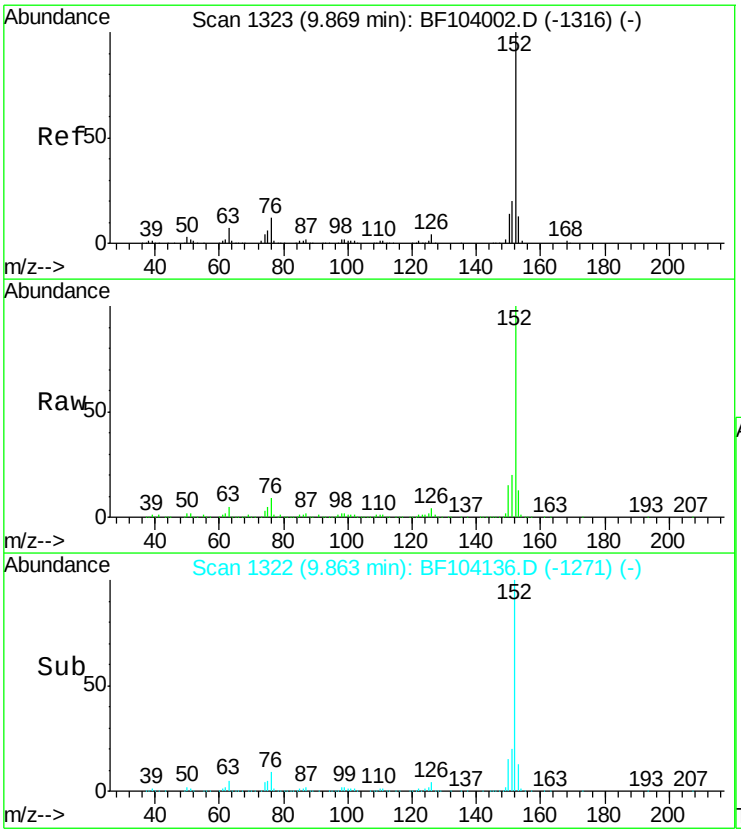
#44
2-Fluorobiphenyl
Concen: 6.984 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 99020

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	22.6	19.6	29.4

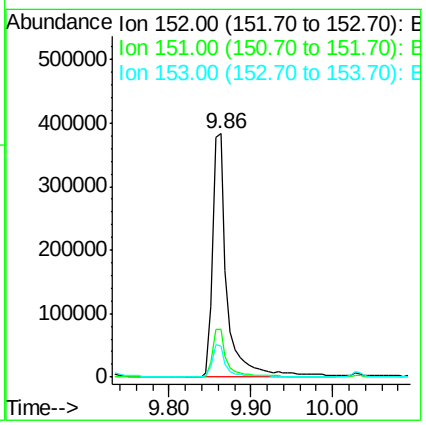


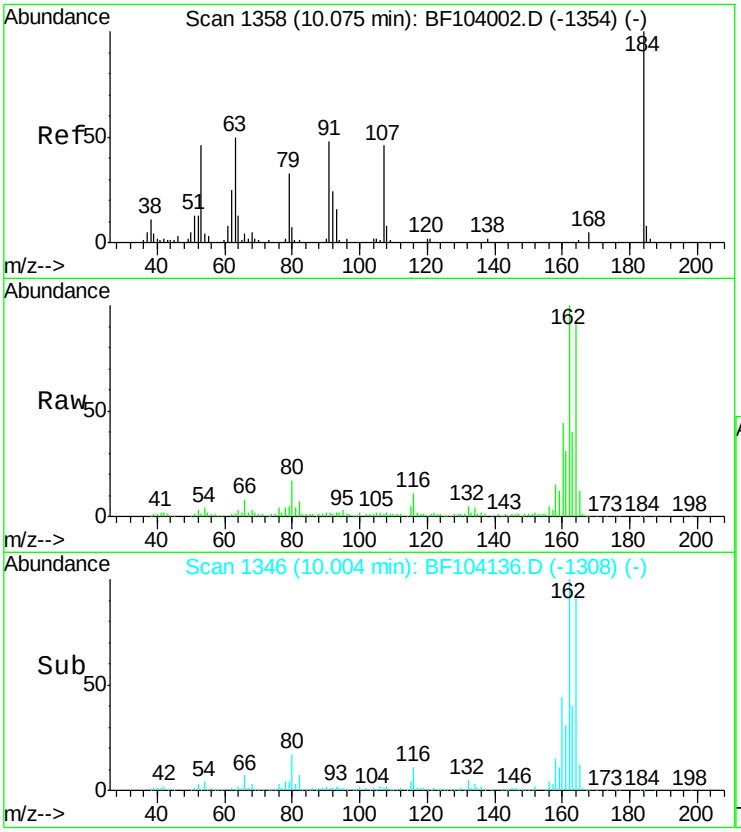


#48
Acenaphthylene
Concen: 20.647 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:152 Resp: 473466

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	12.8	10.7	16.1



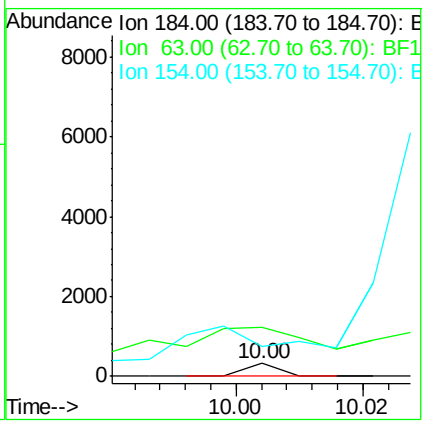


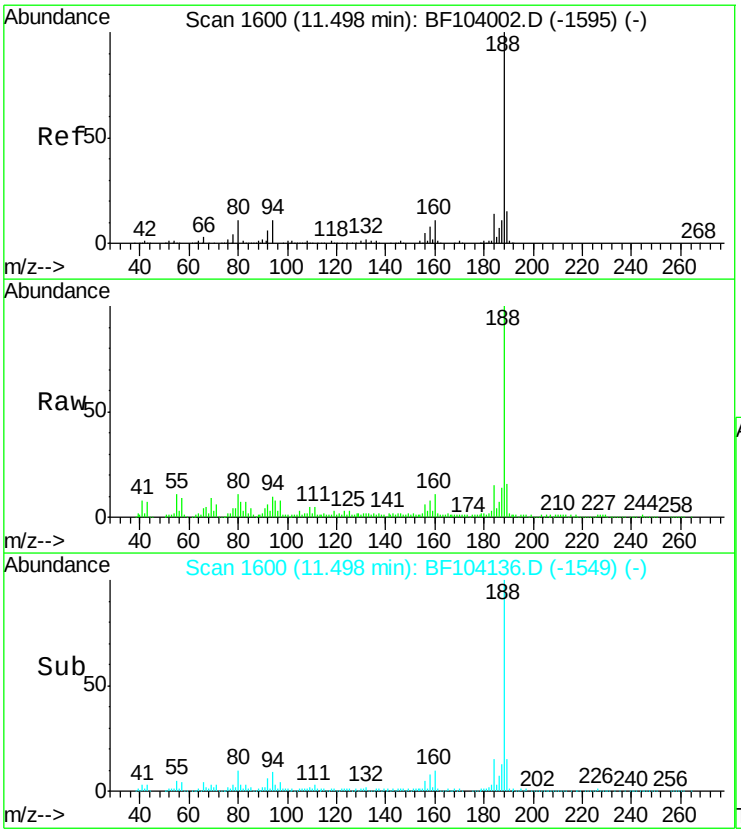
#53
2,4-Dinitrophenol
Concen: 5.636 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.08 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 114

Ion	Ratio	Lower	Upper
184	100		
63	384.5	54.2	81.2#
154	233.2	184.0	276.0

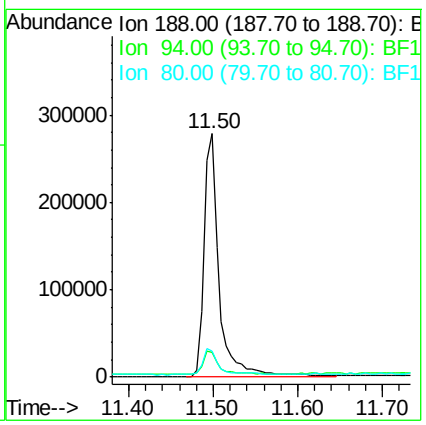


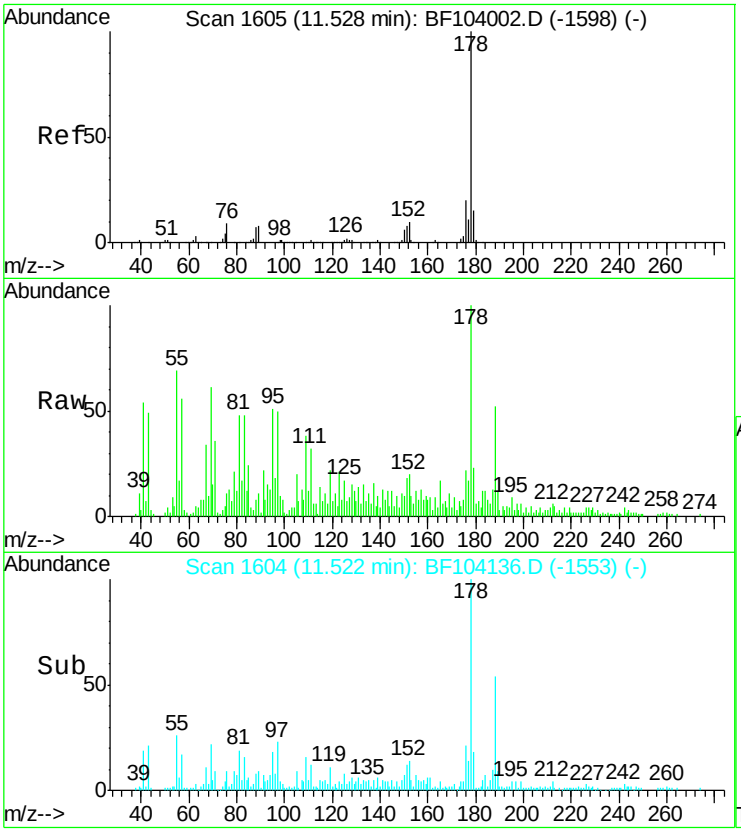


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:188 Resp: 344978

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8



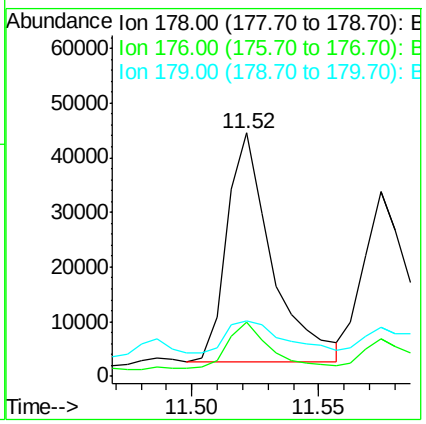


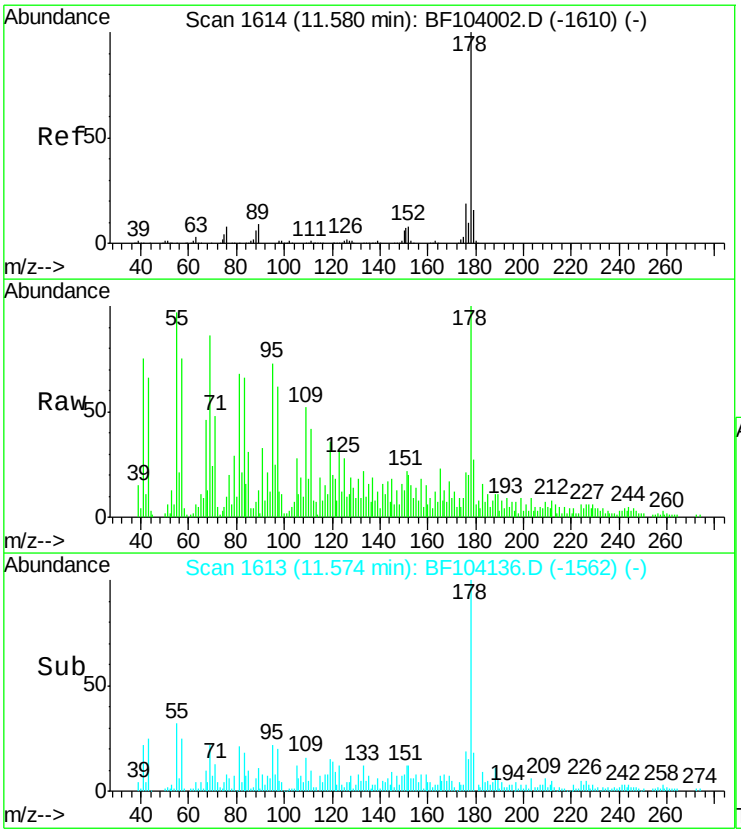
#70
Phenanthrene
Concen: 2.754 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 51436

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.8	23.8
179	22.8	13.0	19.6#

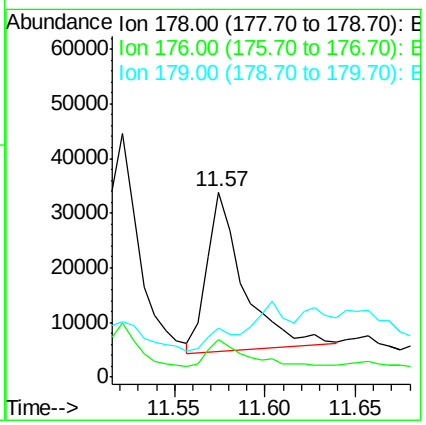


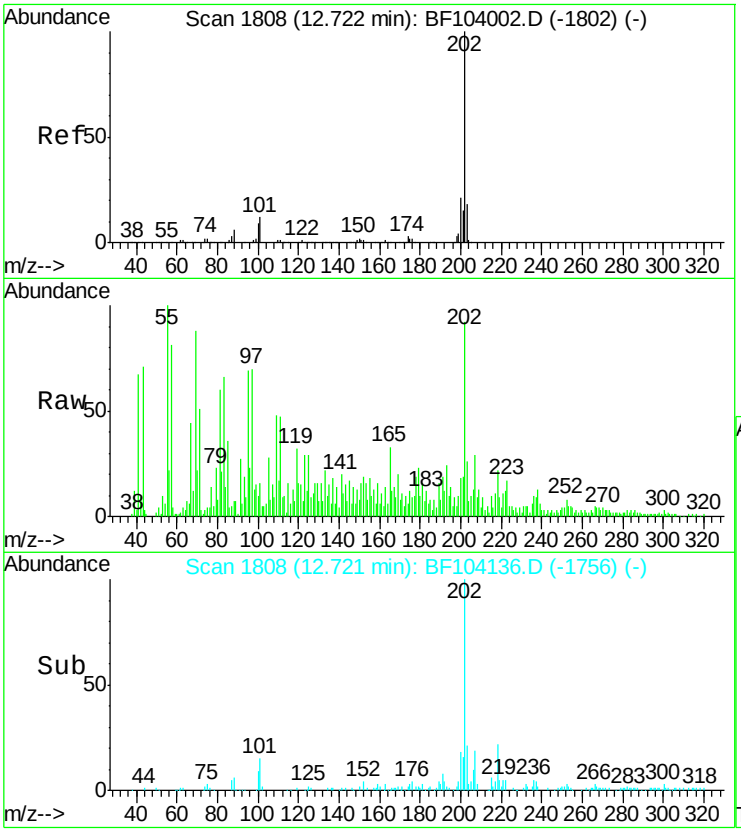


#71
Anthracene
Concen: 2.104 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:178 Resp: 41039

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	26.5	12.6	19.0#



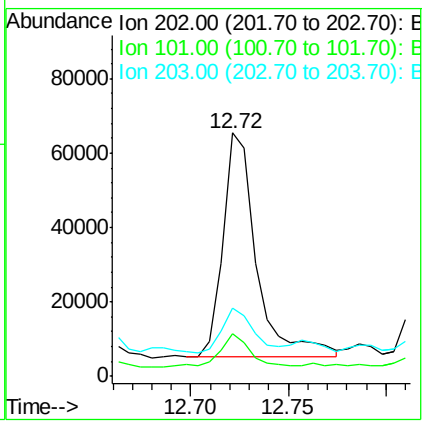


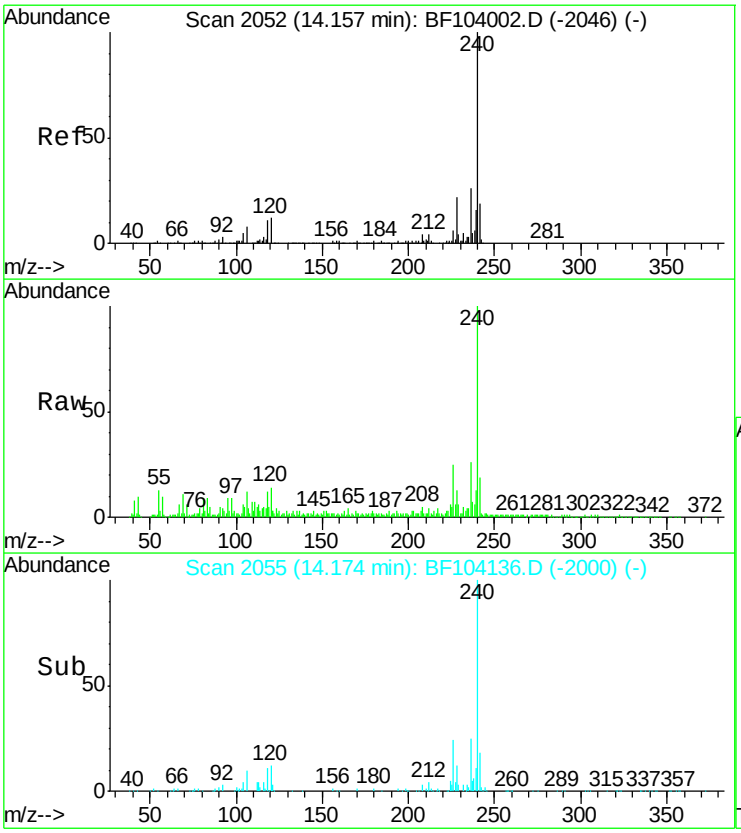
#74
Fluoranthene
Concen: 3.571 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 70896

Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	34.1
203	28.2	0.0	38.1

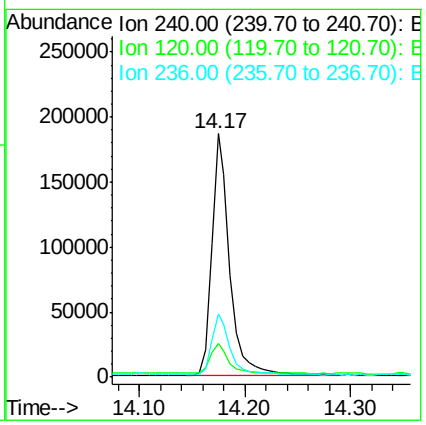


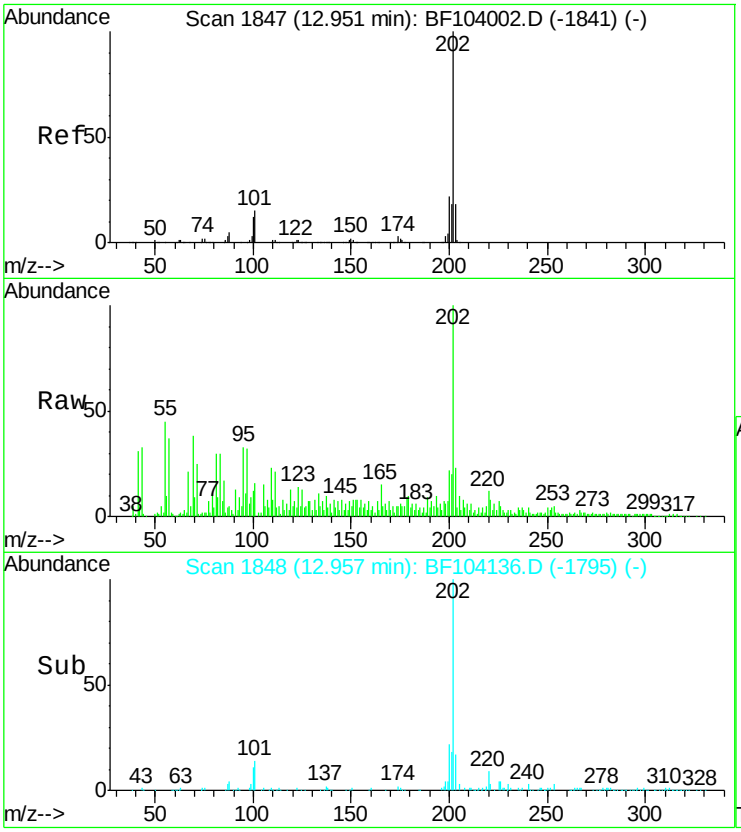


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:240 Resp: 221516

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.2	20.7	31.1



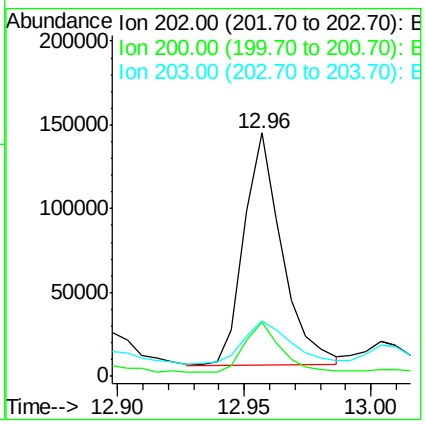


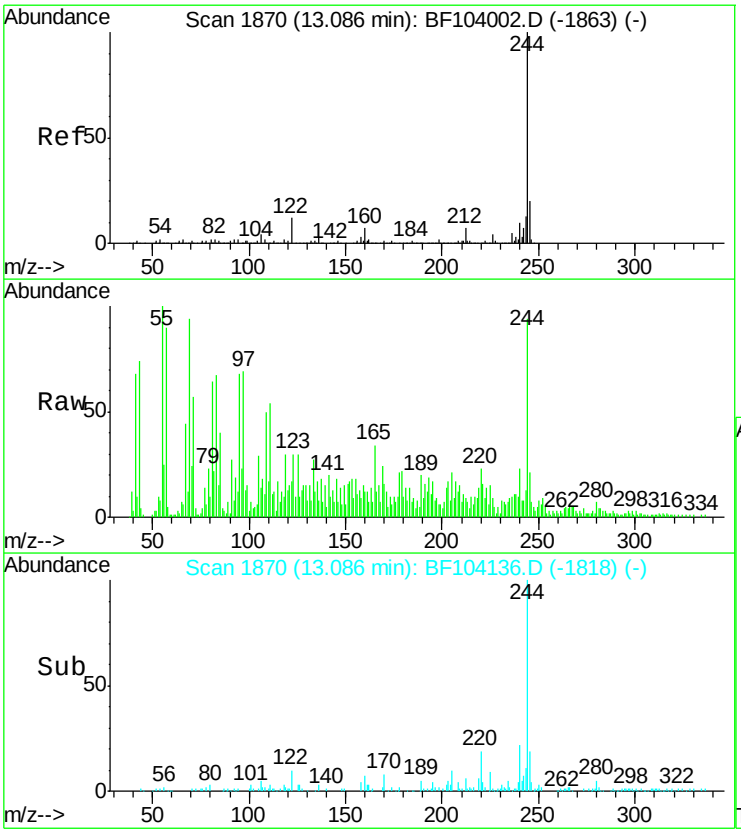
#77
Pyrene
Concen: 9.158 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 145832

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	22.8	14.3	21.5#

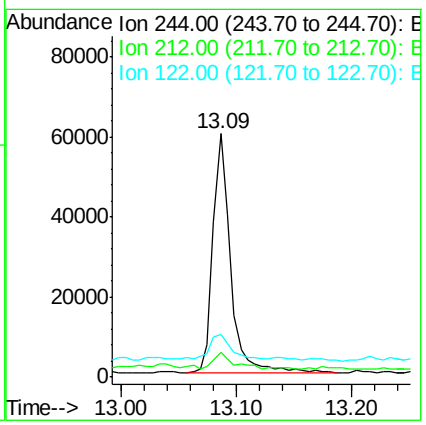


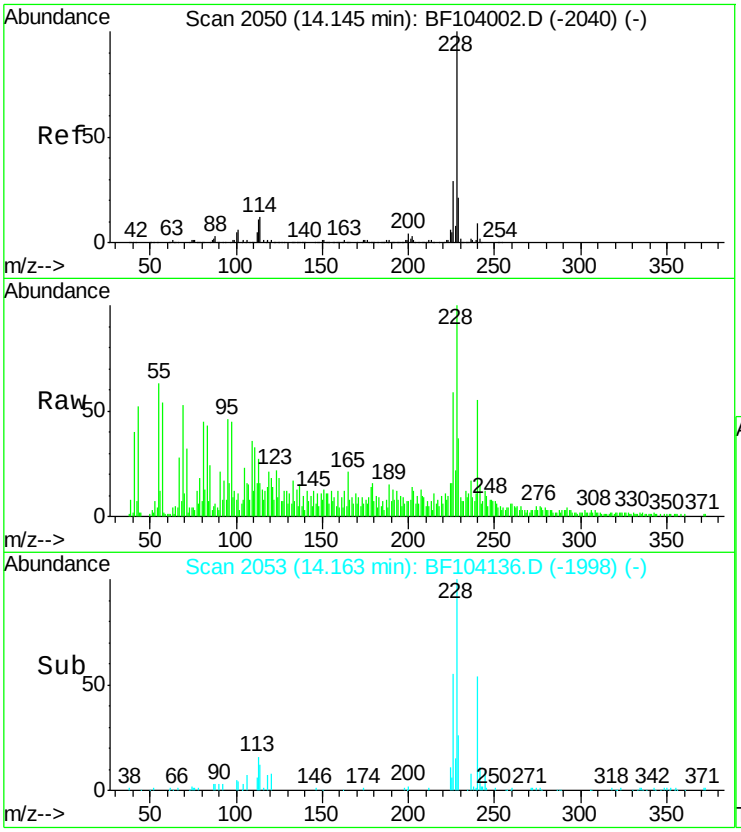


#78
Terphenyl-d14
Concen: 6.705 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:244 Resp: 64328

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.4	8.0#
122	17.7	11.0	16.4#



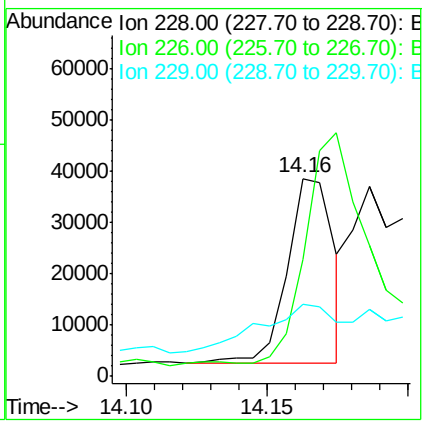


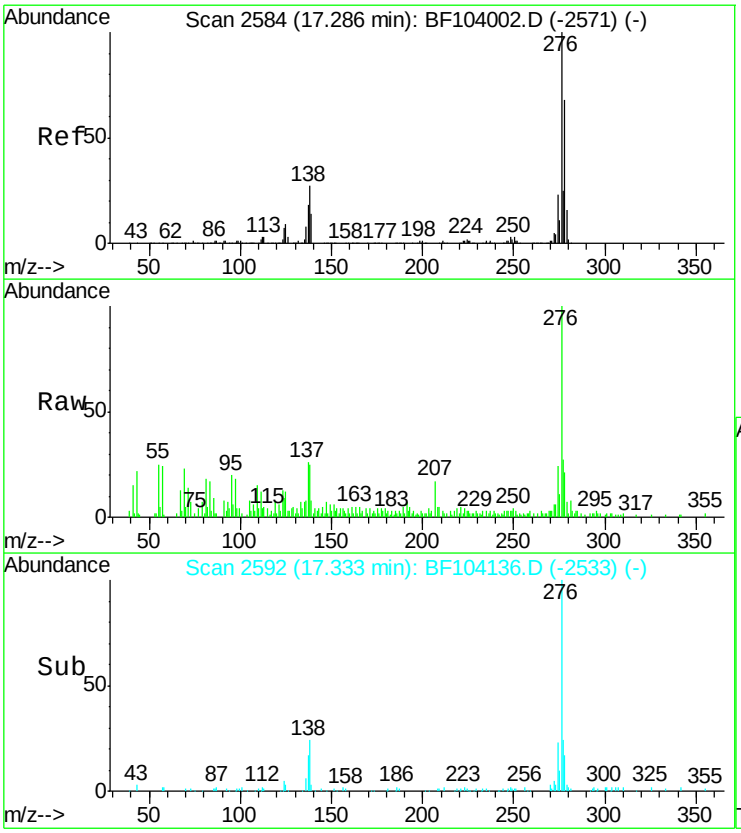
#80
Benzo(a)anthracene
Concen: 2.975 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.02 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 41231

Ion	Ratio	Lower	Upper
228	100		
226	59.1	22.6	33.8#
229	36.6	15.8	23.6#

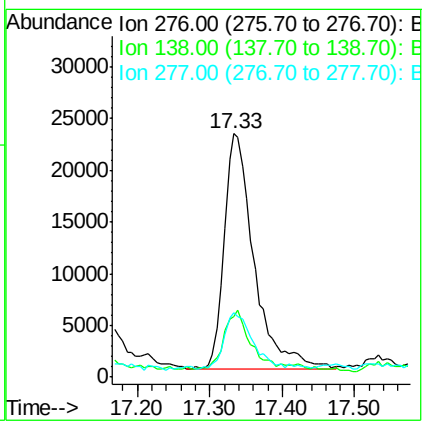


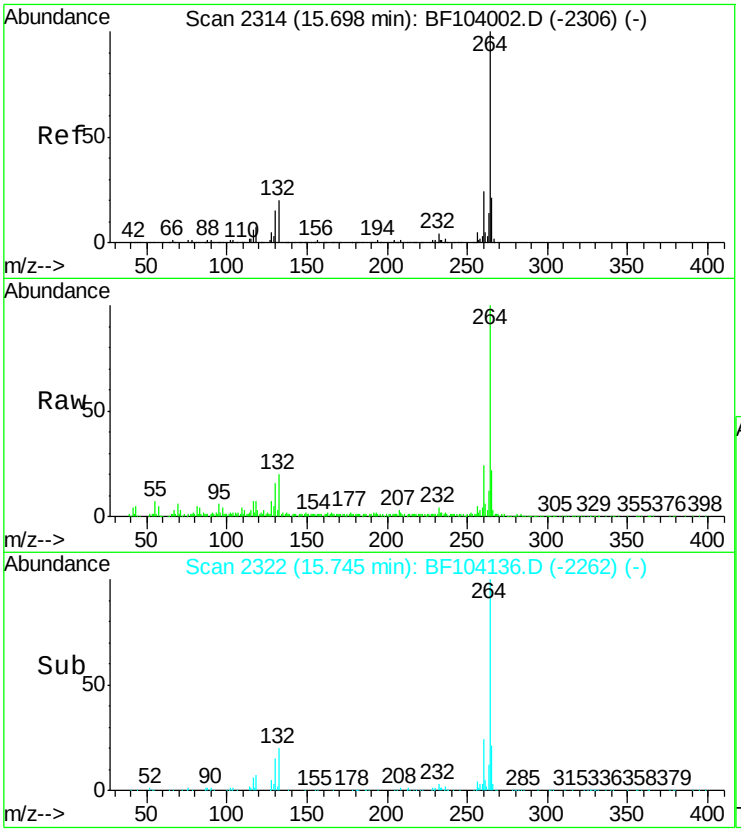


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.689 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:276 Resp: 65960

Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	22.8	20.1	30.1



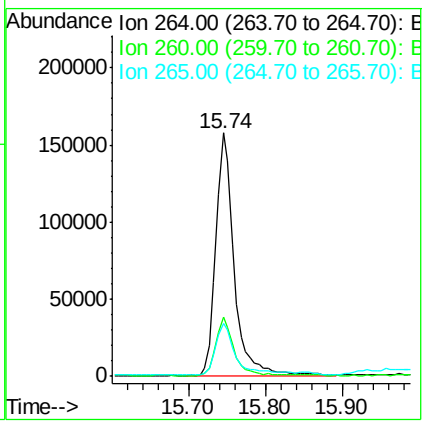


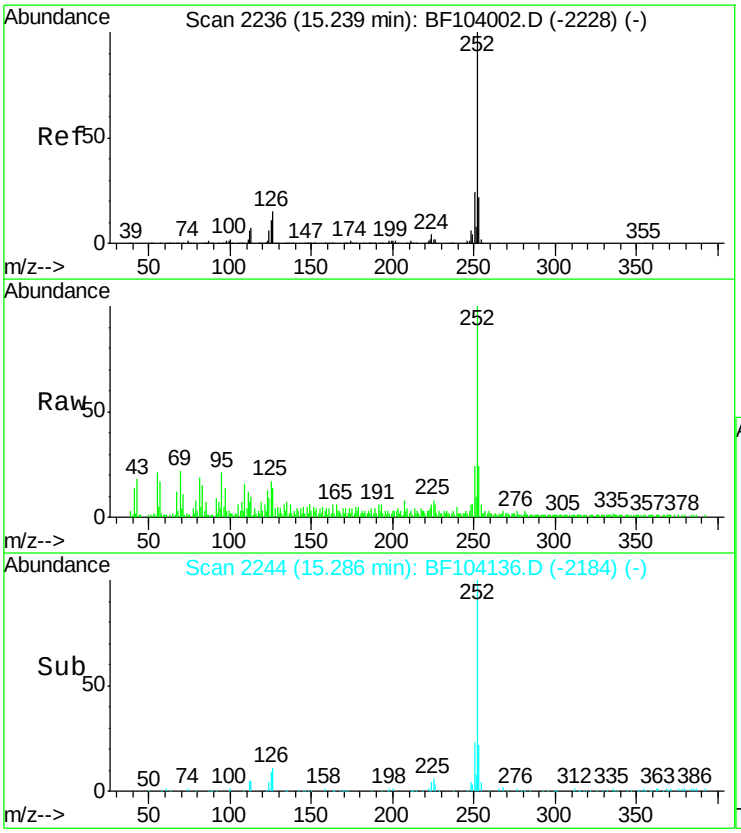
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2322
Delta R.T. 0.05 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 257382

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3

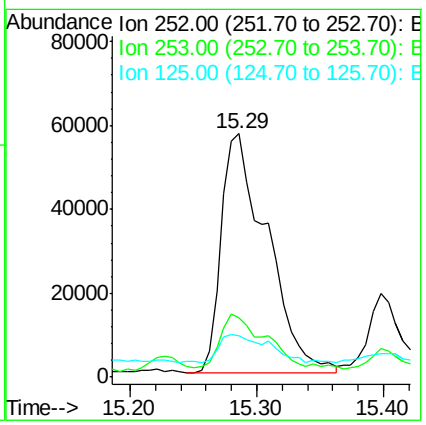


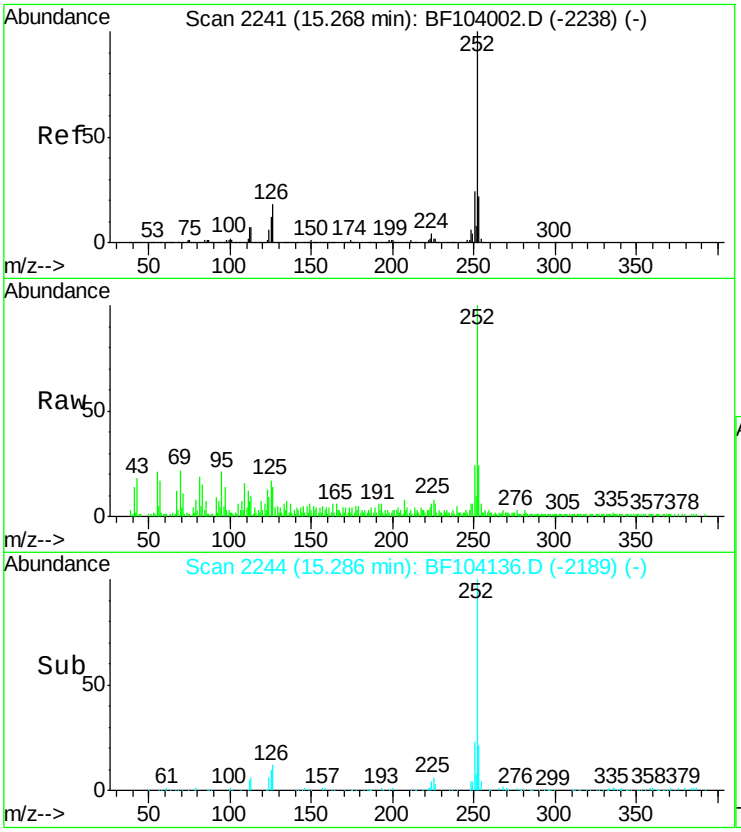


#87
Benzo(b)fluoranthene
Concen: 9.131 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.05 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:252 Resp: 143021

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	16.9	9.0	13.6#



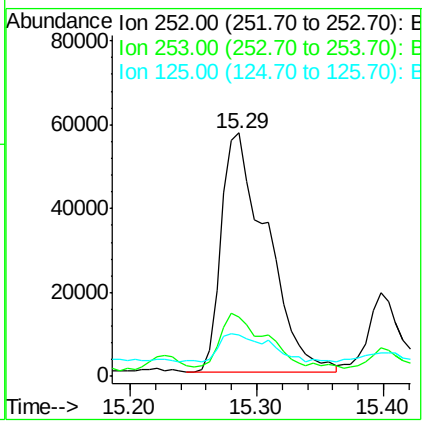


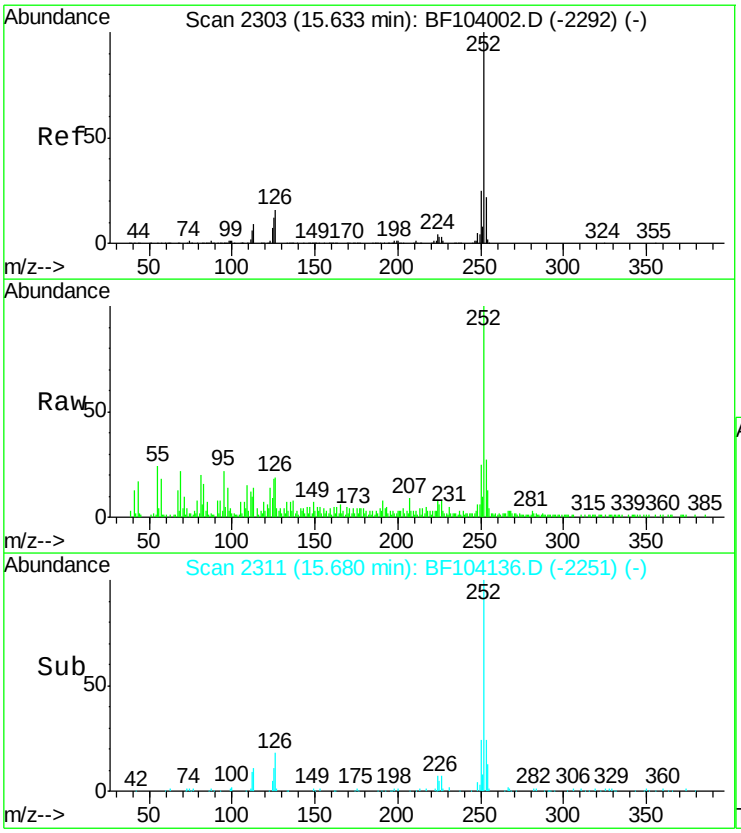
#88
Benzo(k)fluoranthene
Concen: 9.693 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 143021

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	16.9	10.2	15.2#

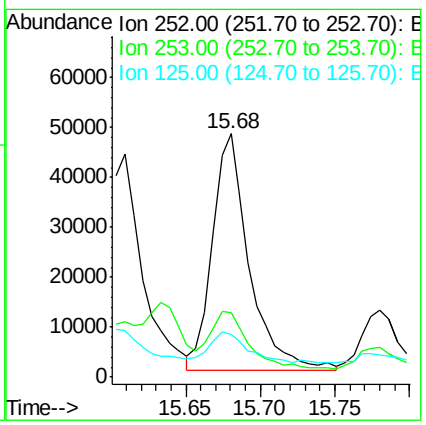


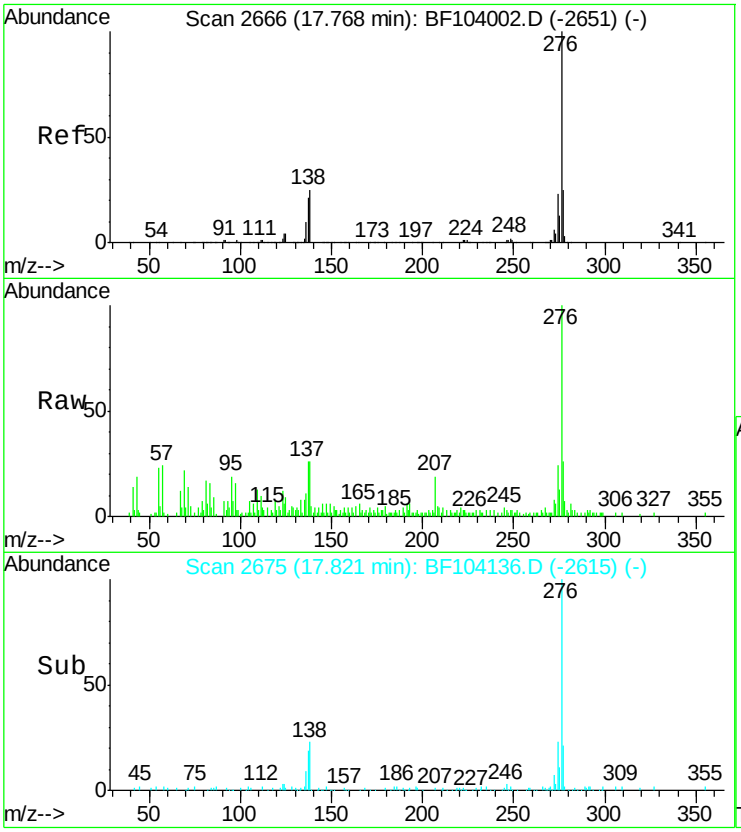


#89
Benzo(a)pyrene
Concen: 5.638 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.05 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Tgt Ion:252 Resp: 81845

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.1	25.7#
125	17.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.552 ng
RT: 17.82 min Scan# 2675
Delta R.T. 0.05 min
Lab File: BF104136.D
Acq: 2 Apr 2018 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 61195

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	25.6	21.8	32.8