Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
Data File : BF102052.D
Acq On : 12 Jan 2018 19:29
Operator : SJ/JU
Sample : J1096-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 12 21:56:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	204170	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	742557	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	261857	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	379831	20.00	ng		0.00
75) Chrysene-d12	13.92	240	172448	20.00	ng		0.04
86) Perylene-d12	15.40	264	111582	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1256829	86.92	ng		0.01
7) Phenol-d6	6.37	99	1420877	82.37	ng		0.00
23) Nitrobenzene-d5	7.29	82	858794	67.96	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	203993	89.27	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1244631	74.26	ng		0.00
78) Terphenyl-d14	12.85	244	718684	86.53	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.37	94	66195	3.395	ng		90
25) Isophorone	7.29	82	855926	34.281	ng	#	65
49) Dimethylphthalate	9.48	163	228554	10.880	ng		100
64) 4,6-Dinitro-2-methylphenol	10.30	198	175	5.737	ng	#	1
70) Phenanthrene	11.27	178	45270	2.040	ng	#	93
74) Fluoranthene	12.46	202	50496	2.313	ng		73
77) Pyrene	12.70	202	50429	3.308	ng	#	75
80) Benzo(a)anthracene	13.93	228	52052	4.731	ng	#	17
82) Chrysene	13.93	228	47340	4.126	ng	#	24
87) Benzo(b)fluoranthene	14.97	252	20055	2.757	ng	#	1
88) Benzo(k)fluoranthene	14.97	252	20055	2.857	ng	#	1

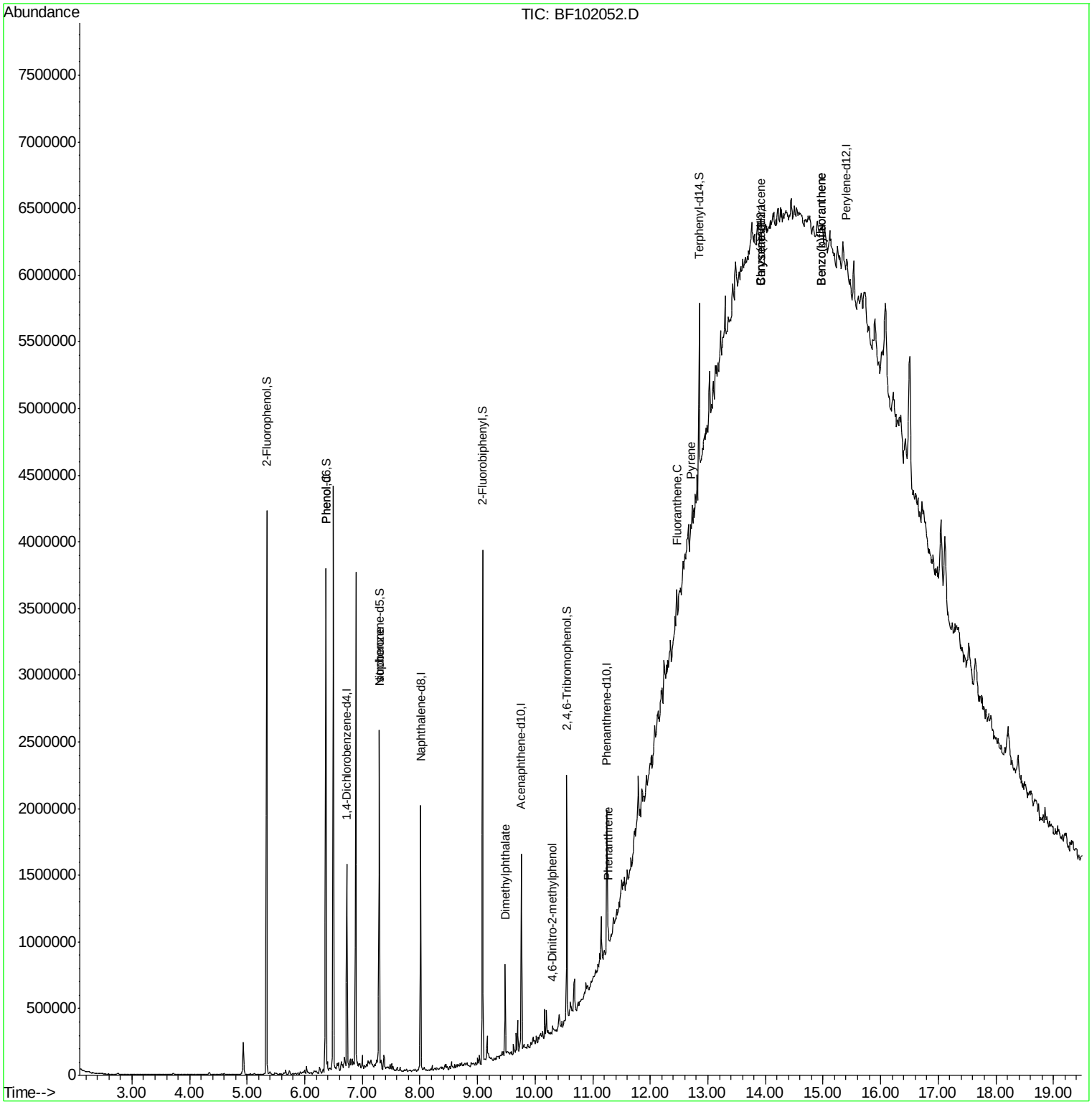
(#) = qualifier out of range (m) = manual integration (+) = signals summed

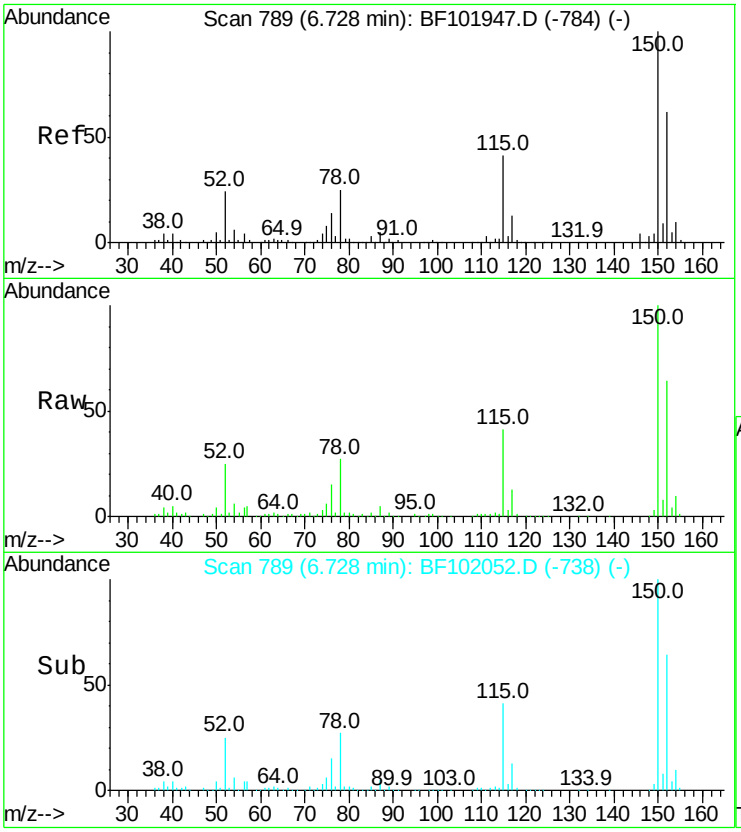
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
Data File : BF102052.D
Acq On : 12 Jan 2018 19:29
Operator : SJ/JU
Sample : J1096-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 12 21:56:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



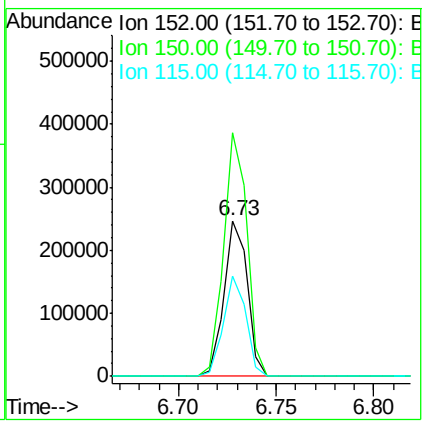


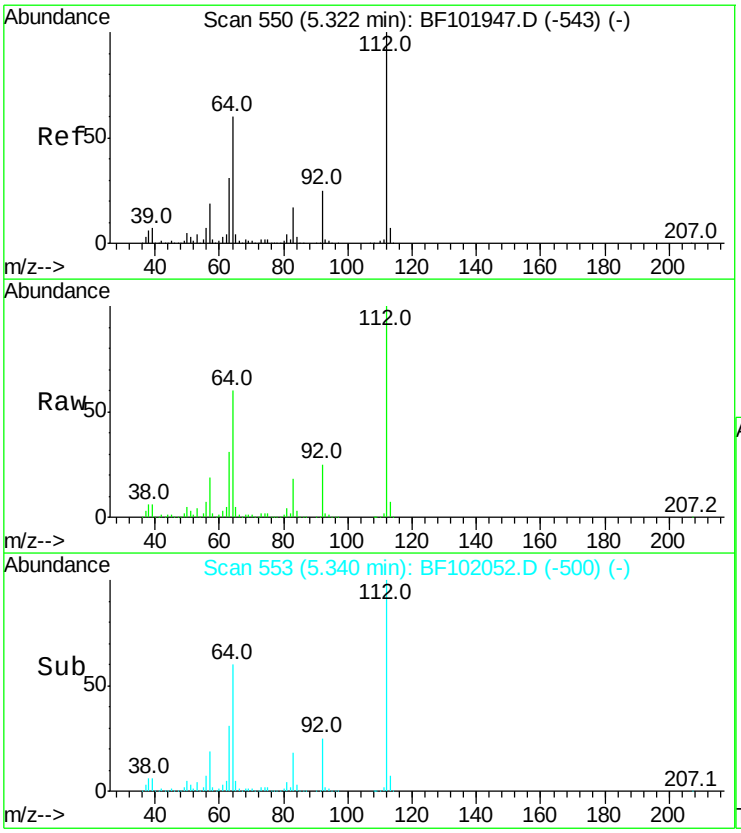
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 204170

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.4	50.1	75.1

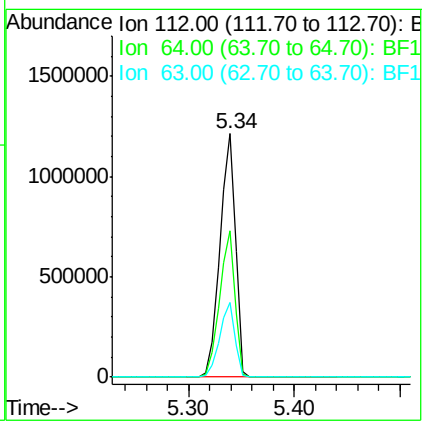


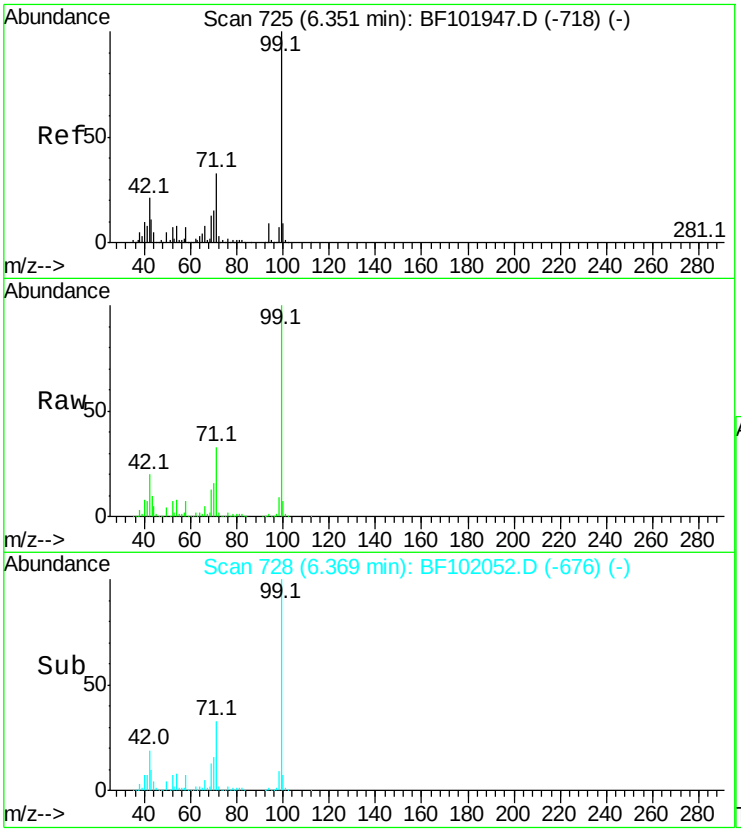


#5
2-Fluorophenol
Concen: 86.925 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:112 Resp: 1256829

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.5	23.7	35.5



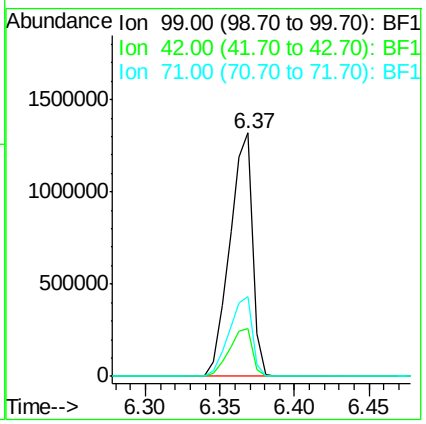


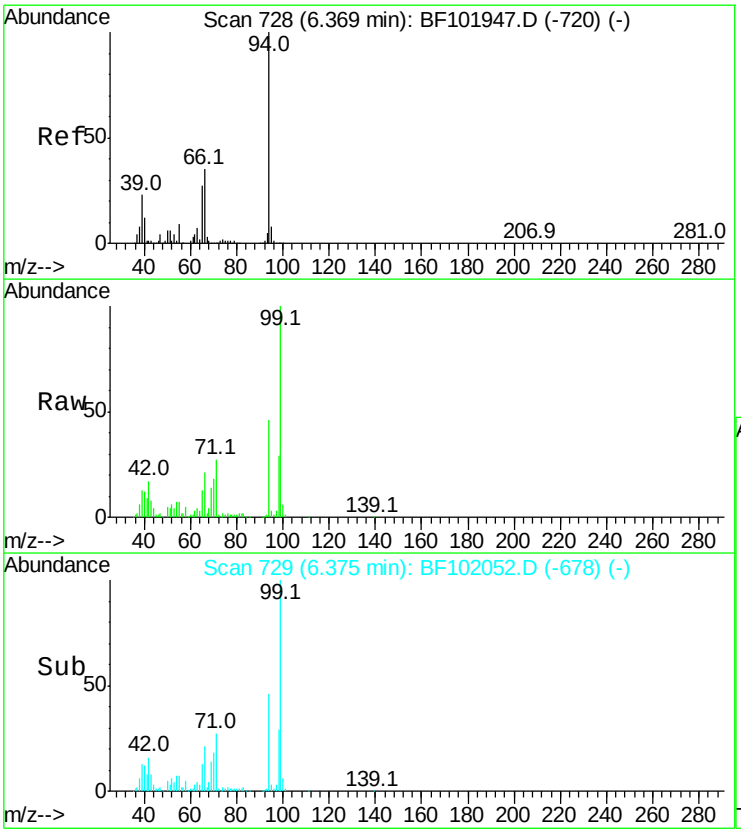
#7
Phenol-d6
Concen: 82.366 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1420877

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.0	25.4	38.0

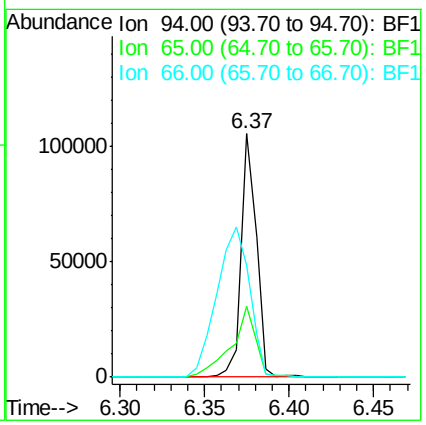


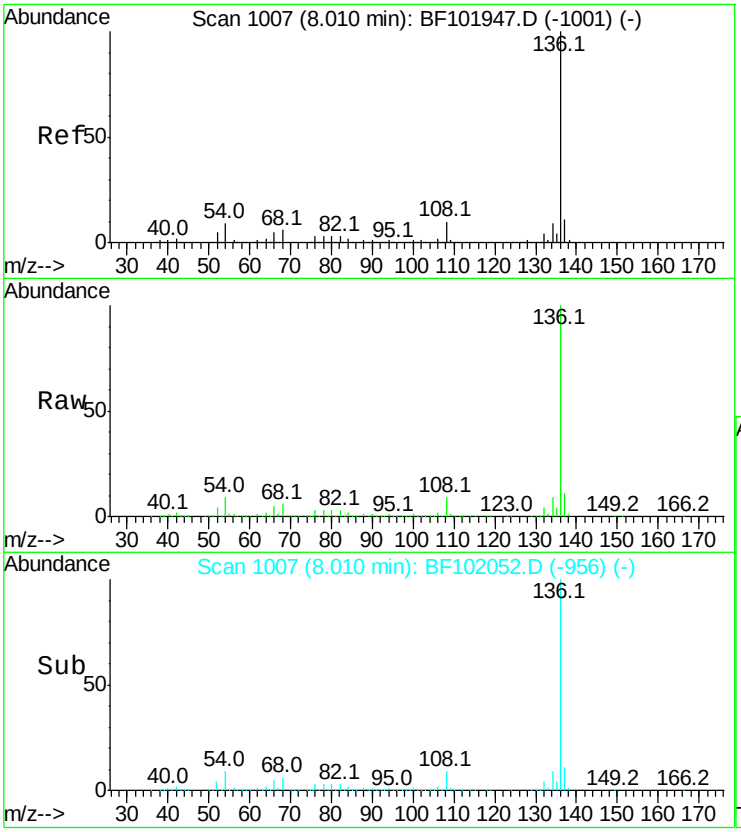


#10
Phenol
Concen: 3.395 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion: 94 Resp: 66195

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	46.1	16.2	56.2



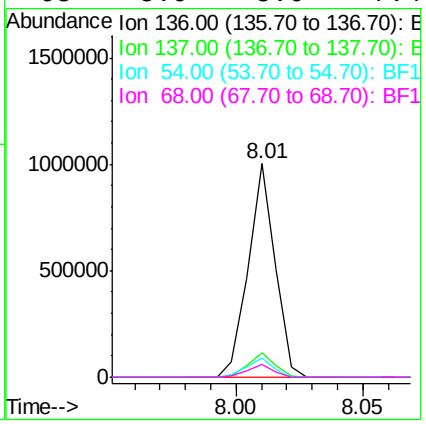


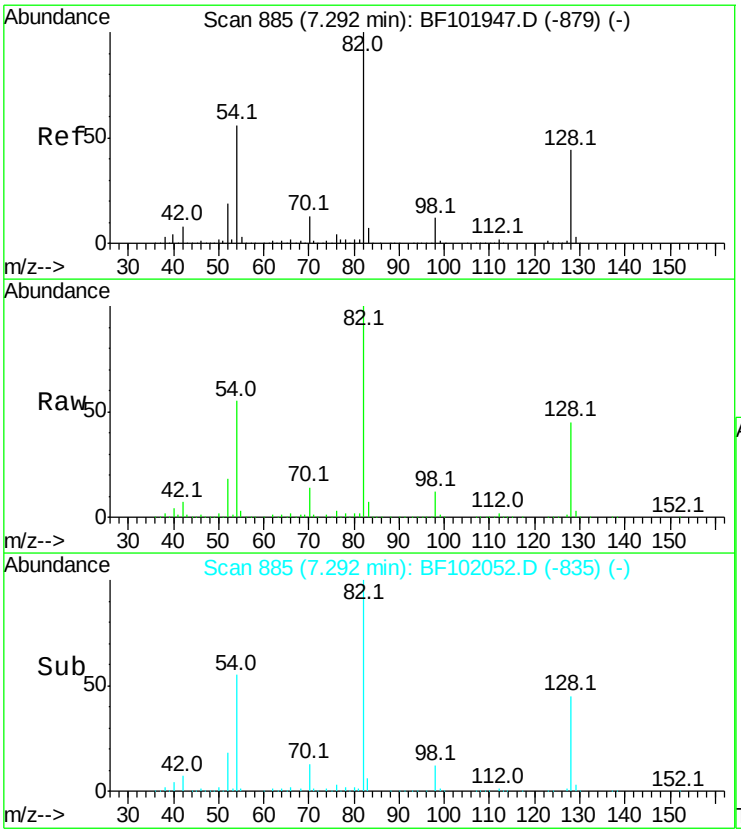
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 742557

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	5.9	5.0	7.4

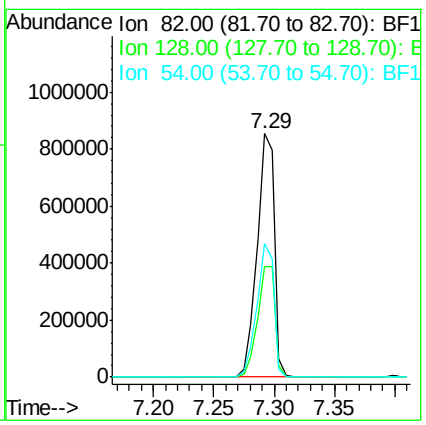


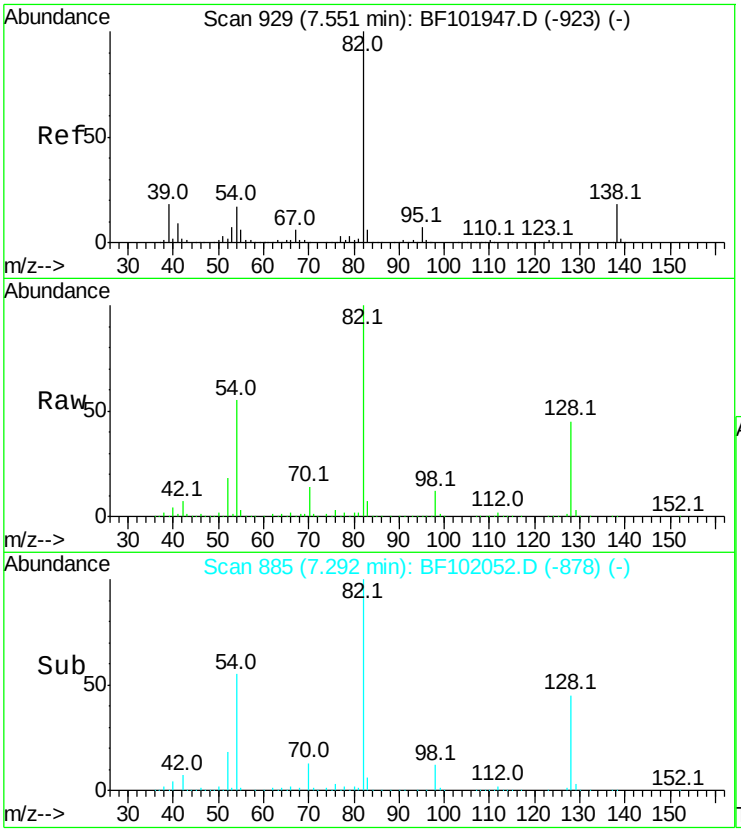


#23
Nitrobenzene-d5
Concen: 67.963 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion: 82 Resp: 858794

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.9	41.4	62.2



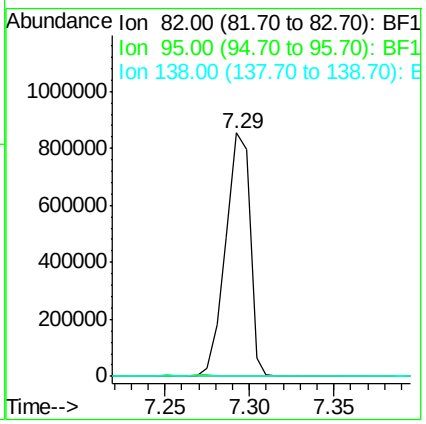


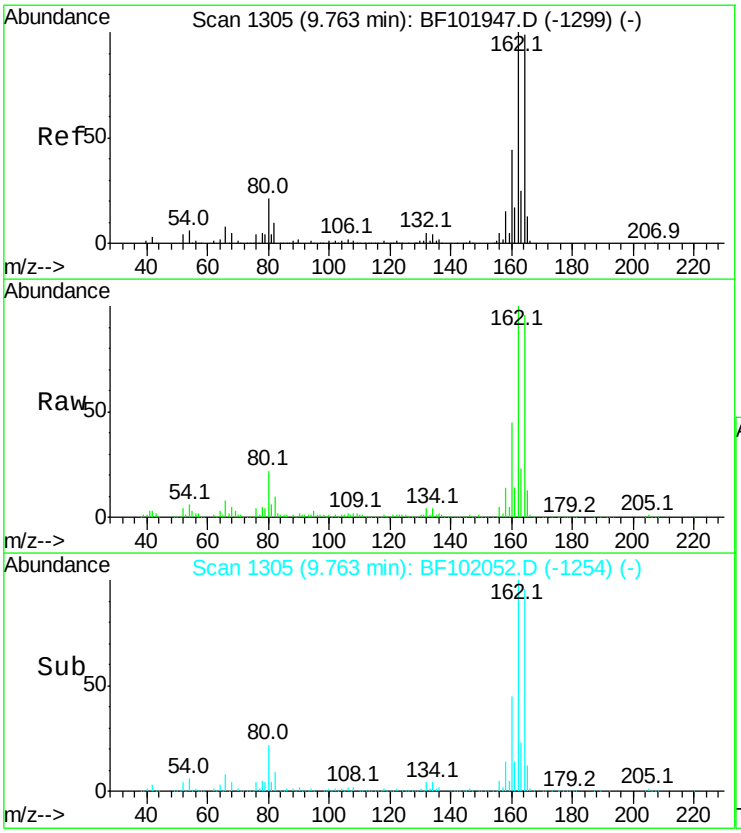
#25
Isophorone
Concen: 34.281 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 855926

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

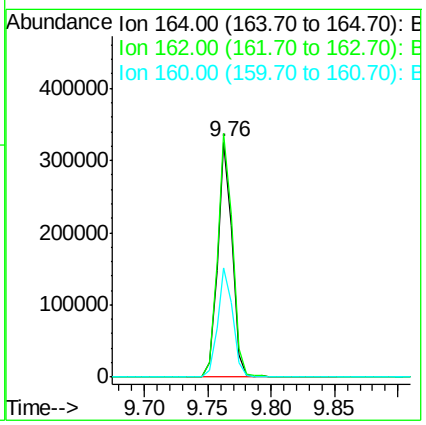


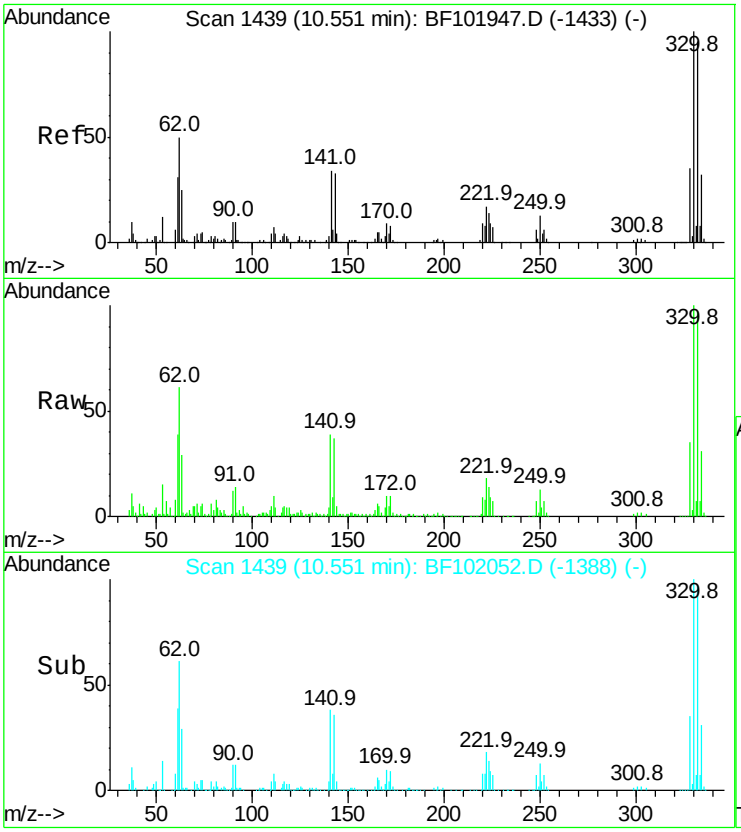


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:164 Resp: 261857

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.7	38.3	57.5



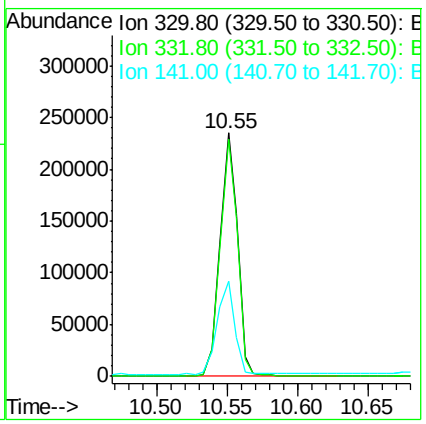


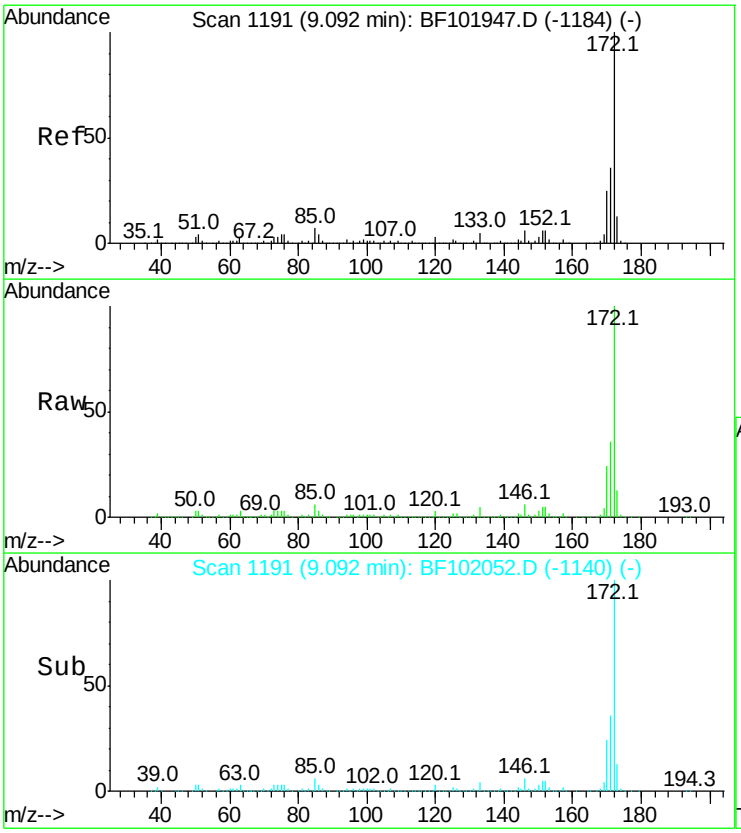
#41
2,4,6-Tribromophenol
Concen: 89.267 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 203993

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	37.4	29.9	44.9

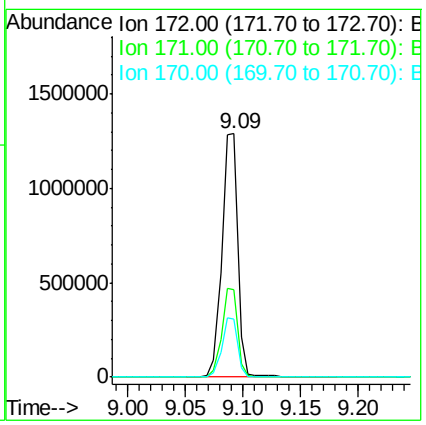


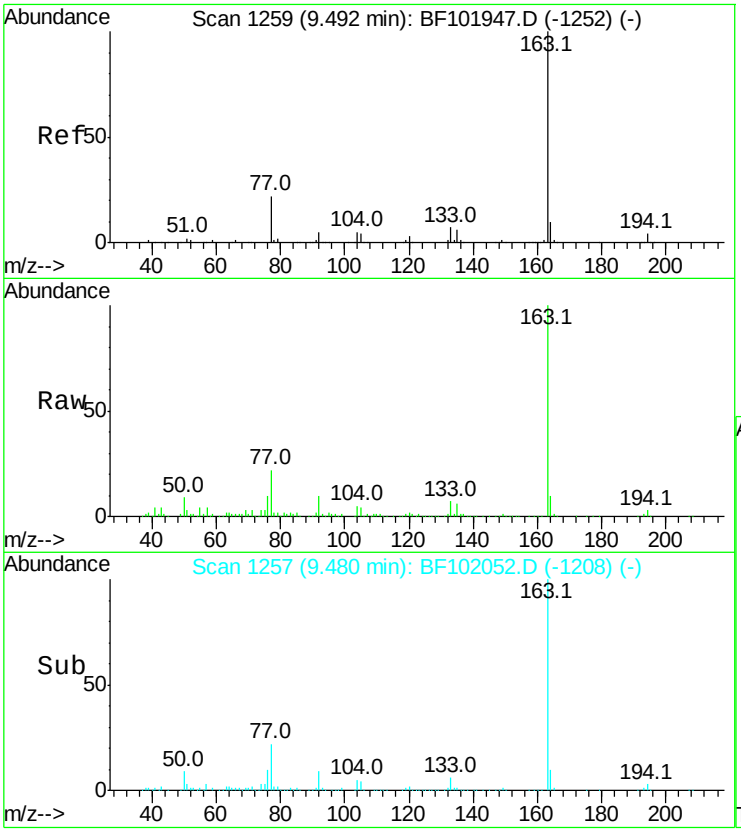


#44
2-Fluorobiphenyl
Concen: 74.256 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:172 Resp: 1244631

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4



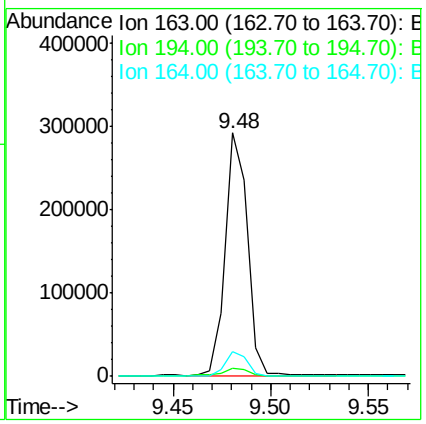


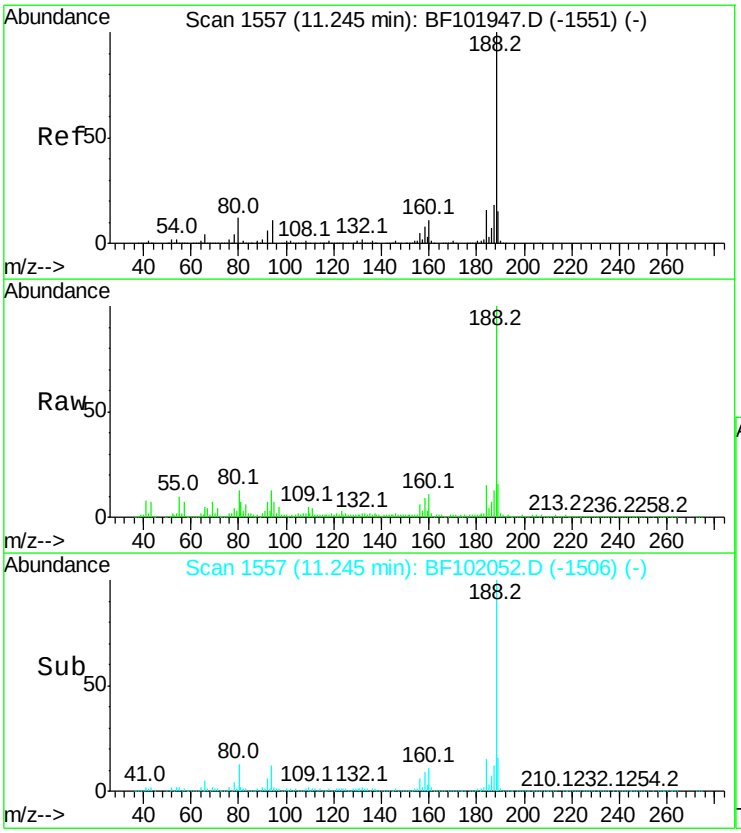
#49
Dimethylphthalate
Concen: 10.880 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 228554

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2

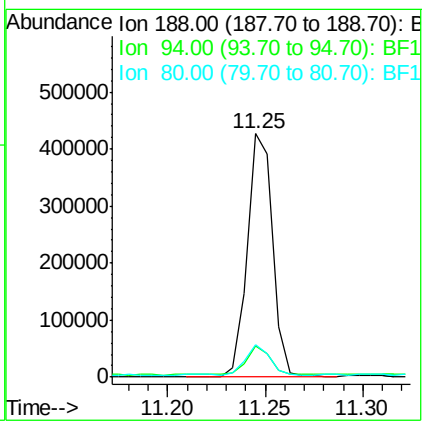


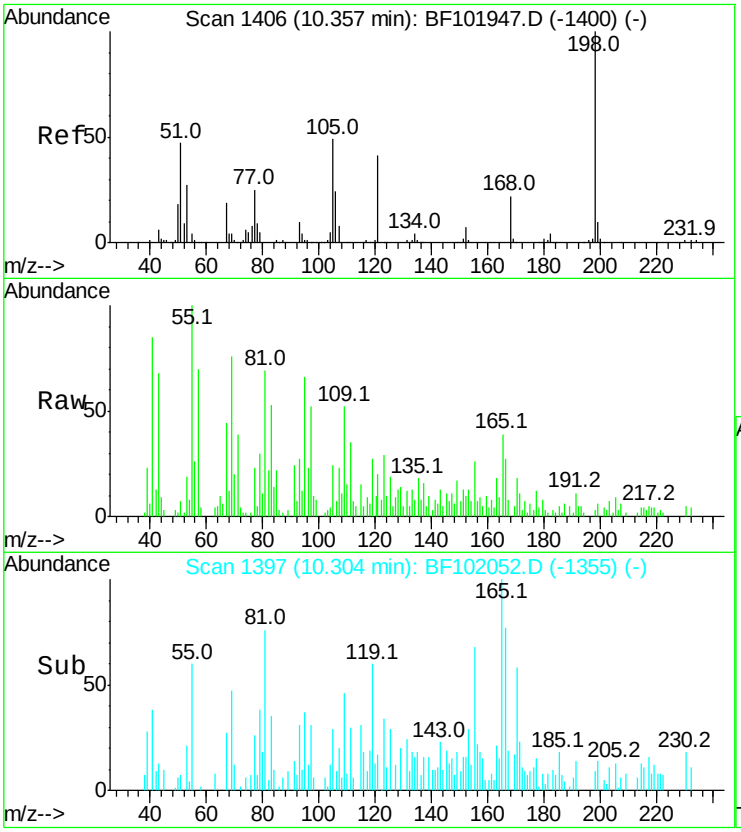


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:188 Resp: 379831

Ion	Ratio	Lower	Upper
188	100		
94	12.8	8.5	12.7#
80	13.4	9.2	13.8



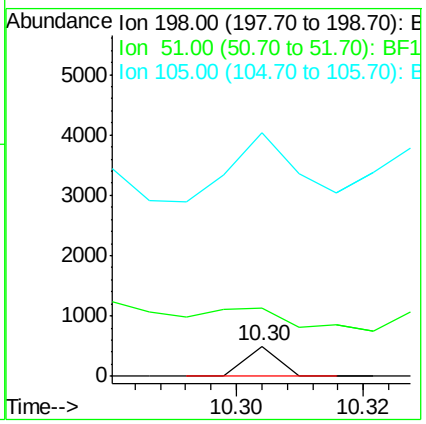


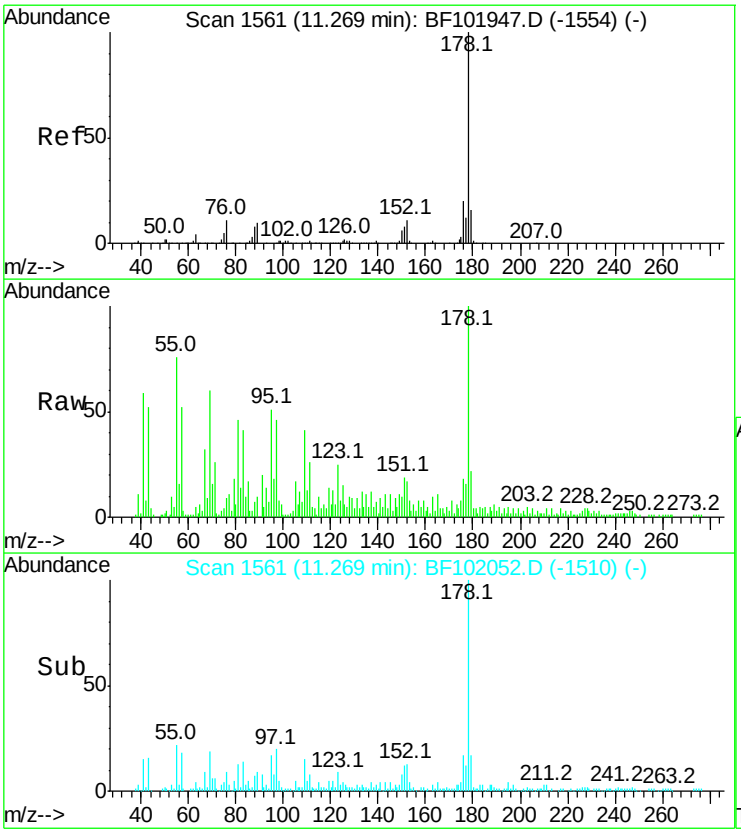
#64
4,6-Dinitro-2-methylphenol
Concen: 5.737 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.05 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 175

Ion	Ratio	Lower	Upper
198	100		
51	229.8	37.7	77.7#
105	813.5	36.3	76.3#

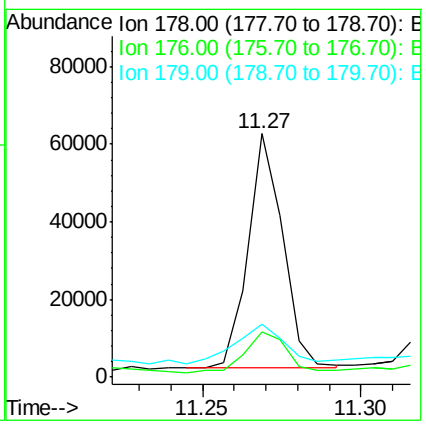


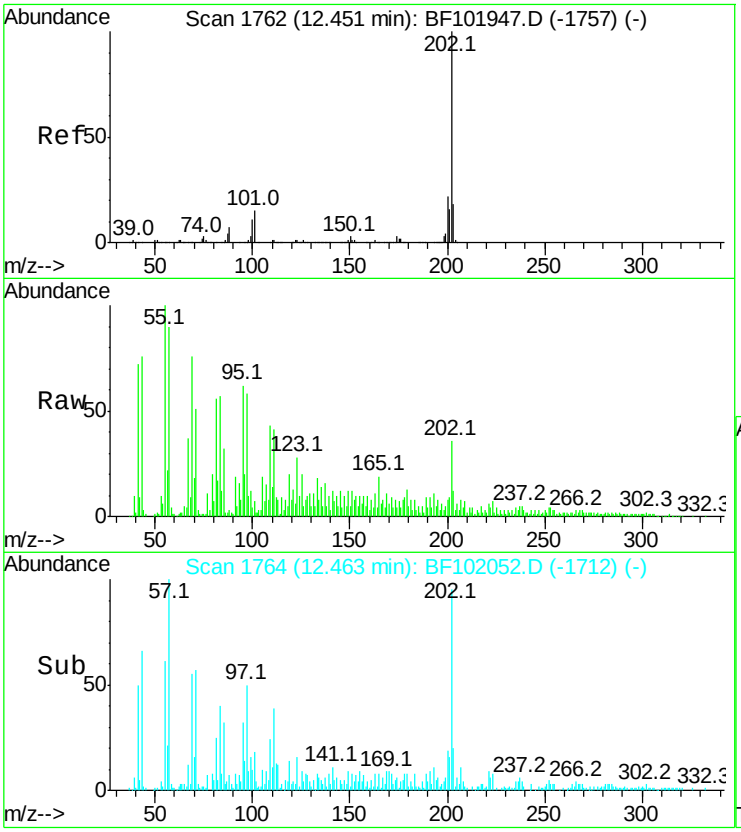


#70
Phenanthrene
Concen: 2.040 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:178 Resp: 45270

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	21.5	13.0	19.6#



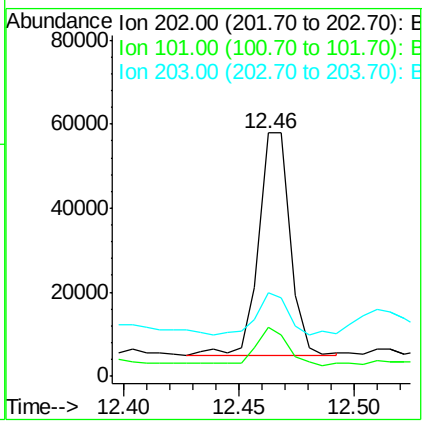


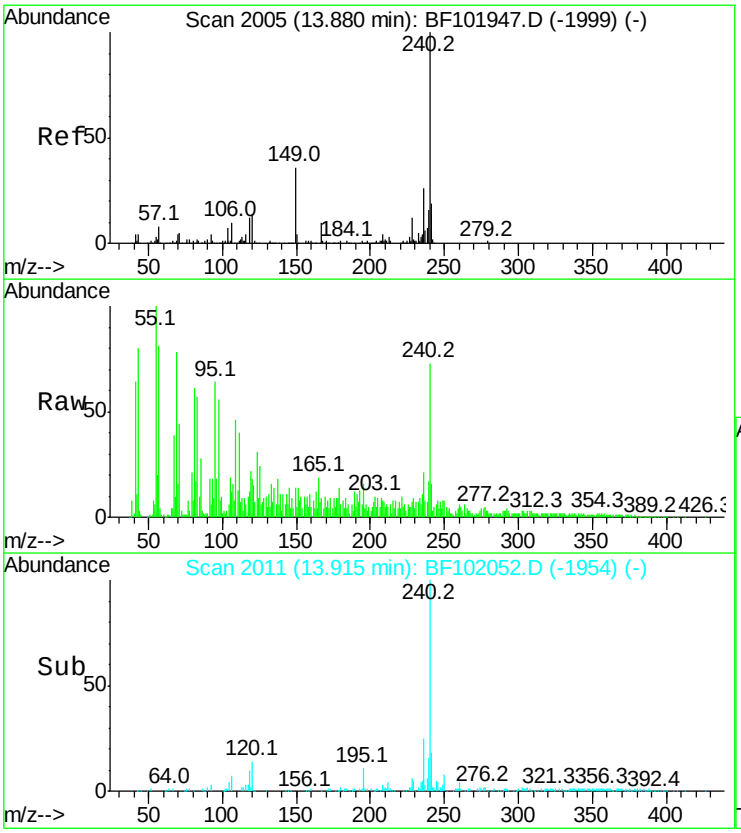
#74
Fluoranthene
Concen: 2.313 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 50496

Ion	Ratio	Lower	Upper
202	100		
101	20.2	0.0	34.1
203	34.3	0.0	38.1

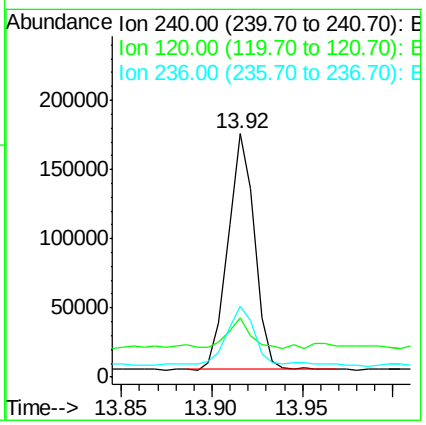


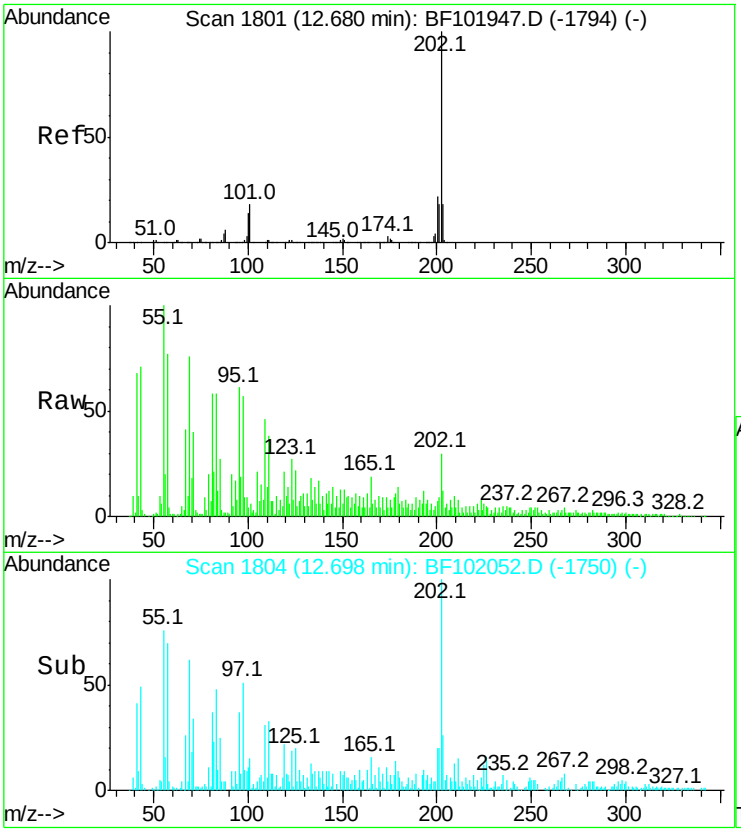


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.04 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:240 Resp: 172448

Ion	Ratio	Lower	Upper
240	100		
120	24.4	9.5	14.3#
236	29.2	20.7	31.1



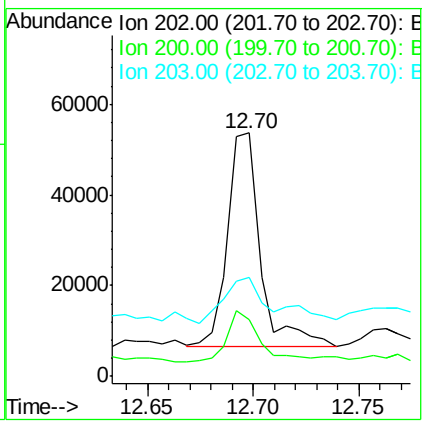


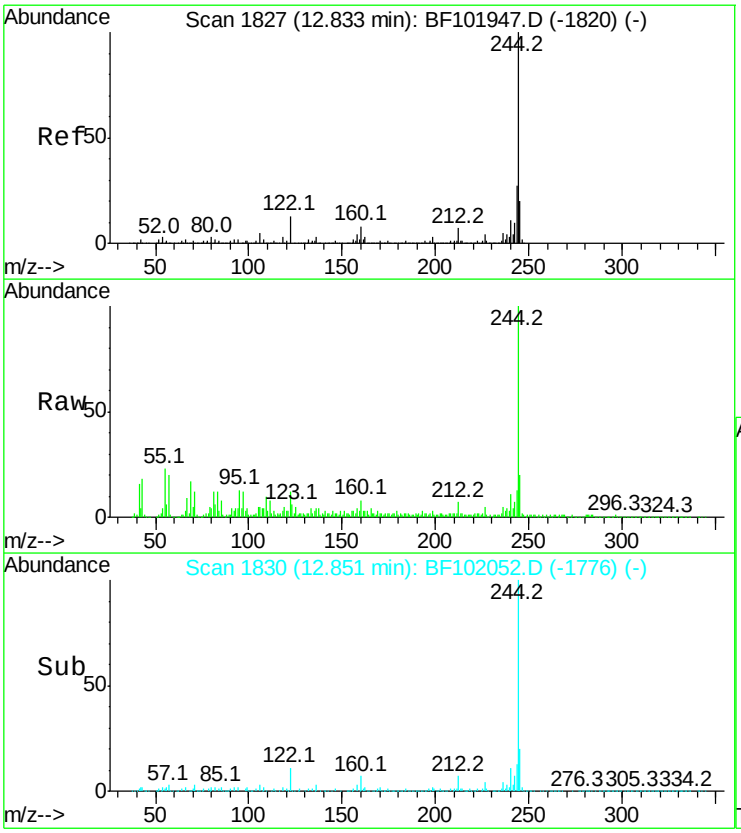
#77
Pyrene
Concen: 3.308 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.02 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 50429

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.4	26.2
203	40.7	14.3	21.5#

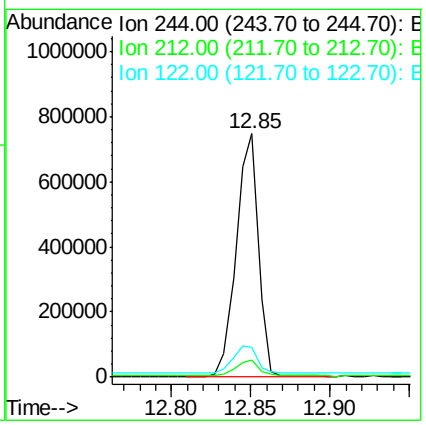


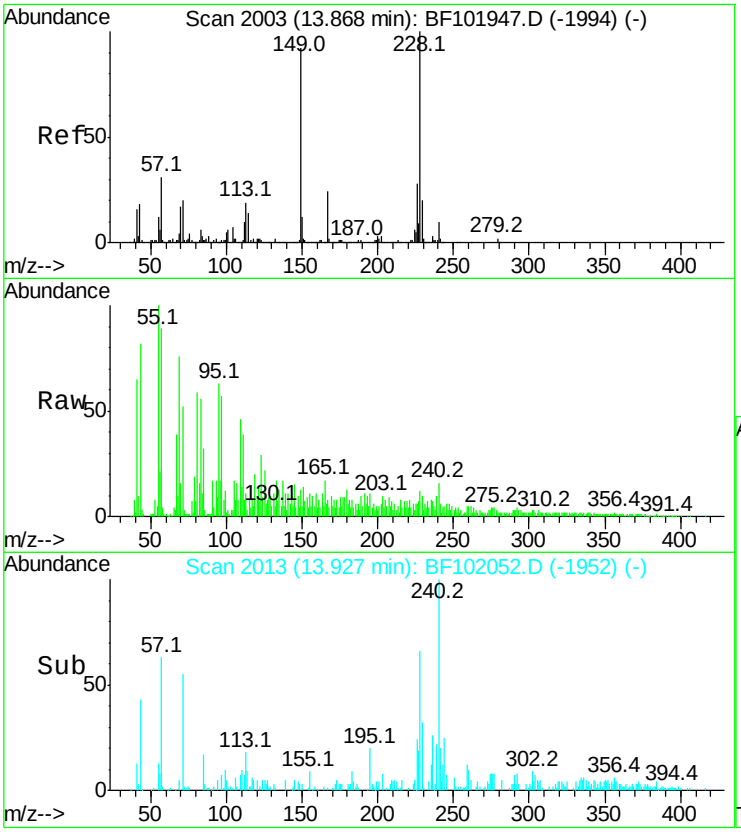


#78
Terphenyl-d14
Concen: 86.529 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.02 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:244 Resp: 718684

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4



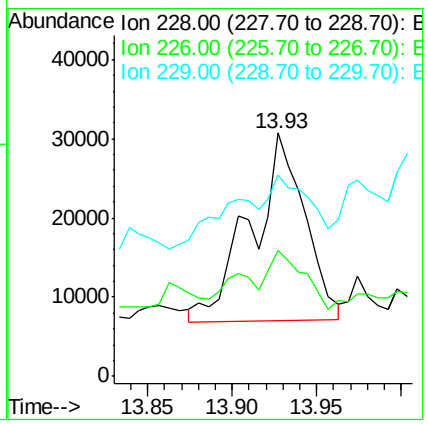


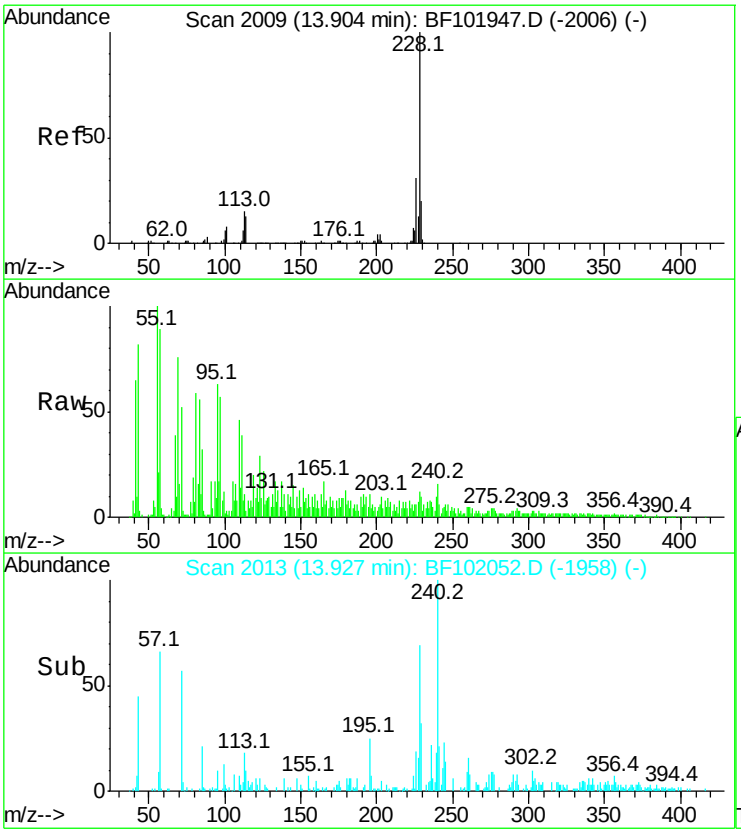
#80
Benzo(a)anthracene
Concen: 4.731 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.06 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 52052

Ion	Ratio	Lower	Upper
228	100		
226	51.6	22.6	33.8#
229	82.9	15.8	23.6#

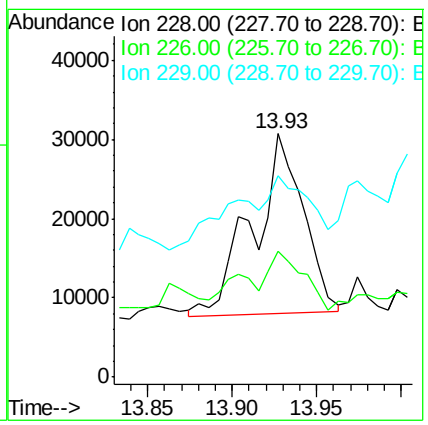


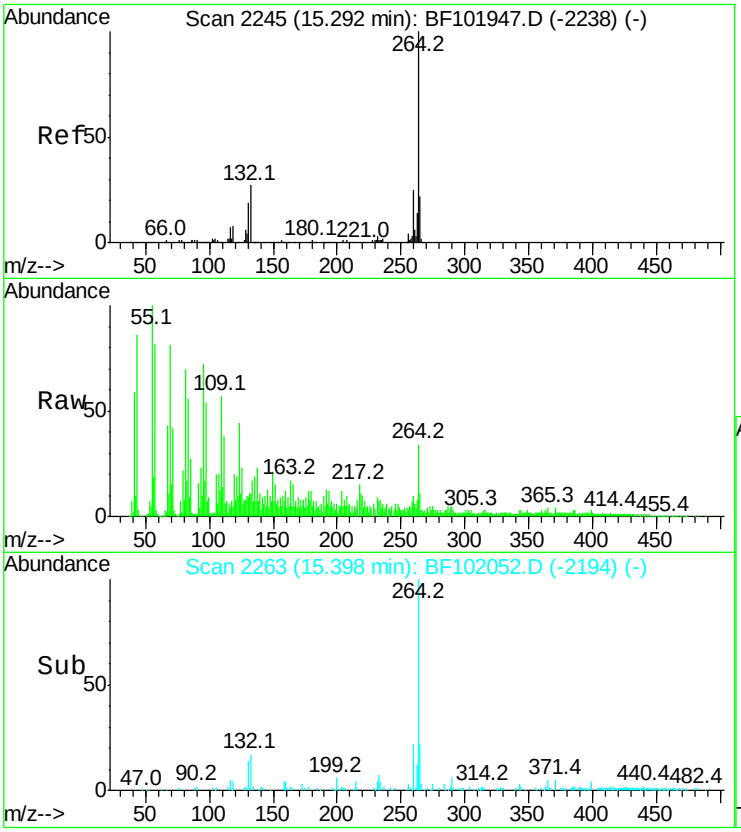


#82
Chrysene
Concen: 4.126 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.02 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:228 Resp: 47340

Ion	Ratio	Lower	Upper
228	100		
226	51.6	25.0	37.6#
229	82.9	16.2	24.4#



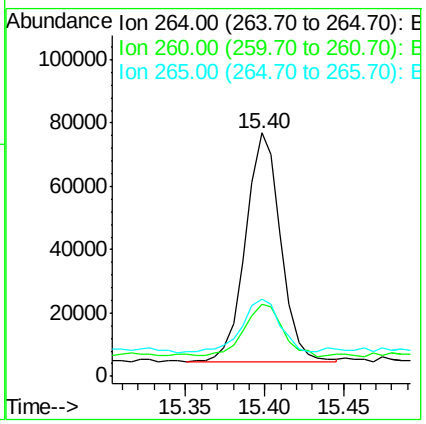


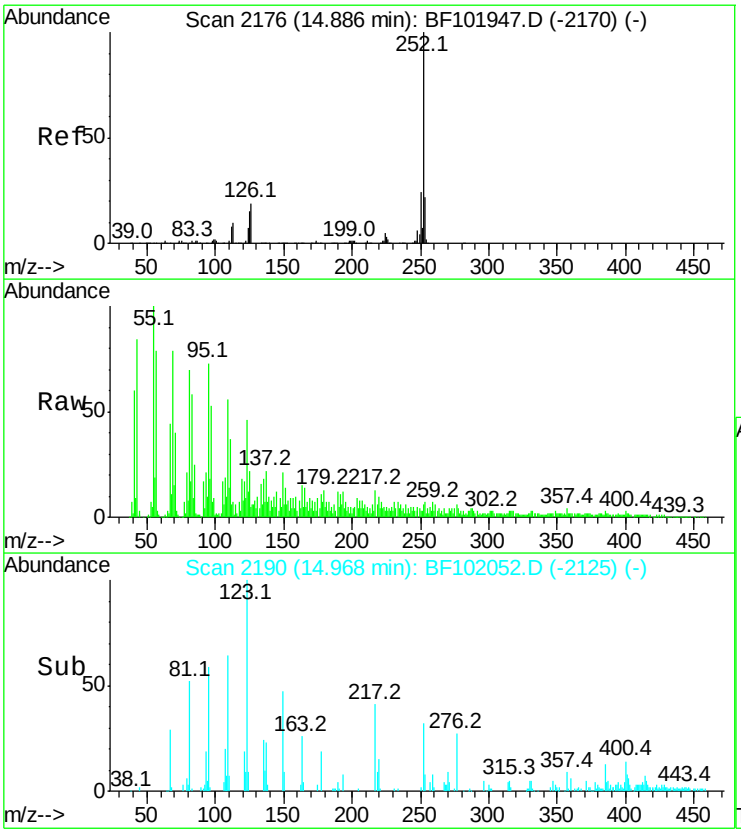
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.11 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 111582

Ion	Ratio	Lower	Upper
264	100		
260	29.8	19.2	28.8#
265	31.9	17.5	26.3#

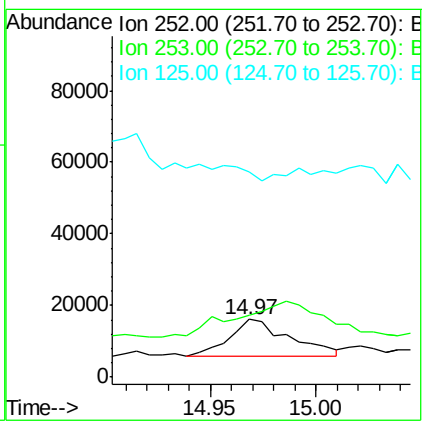


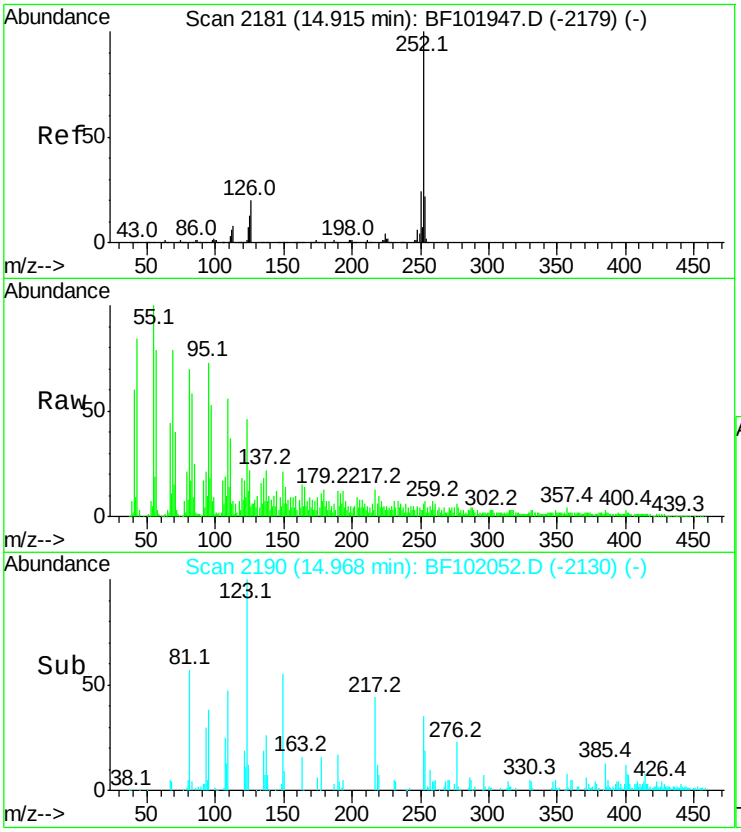


#87
Benzo(b)fluoranthene
Concen: 2.757 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.08 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Tgt Ion:252 Resp: 20055

Ion	Ratio	Lower	Upper
252	100		
253	108.0	17.0	25.6#
125	353.9	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.857 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.05 min
Lab File: BF102052.D
Acq: 12 Jan 2018 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 20055

Ion	Ratio	Lower	Upper
252	100		
253	108.0	17.9	26.9#
125	353.9	10.2	15.2#