Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106418.D
Acq On : 14 Jun 2018 3:56
Operator : JU/SJ
Sample : J3446-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 06:50:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138291	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	523903	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	248268	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	454896	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	356590	20.00	ng		-0.02
86) Perylene-d12	15.67	264	355382	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	819413	100.29	ng		-0.02
7) Phenol-d6	6.61	99	1017929	98.61	ng		-0.02
23) Nitrobenzene-d5	7.52	82	666602	74.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	275758	115.44	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1098708	75.93	ng		0.00
78) Terphenyl-d14	13.08	244	1008692	70.26	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	18477	2.360	ng		86
10) Phenol	6.62	94	28087	2.492	ng	#	47
19) n-Nitroso-di-n-propylamine	7.52	70	89605	11.570	ng	#	76
25) Isophorone	7.52	82	666593	38.322	ng	#	64
49) Dimethylphthalate	9.71	163	203798	11.490	ng		99
56) 2,4-Dinitrotoluene	10.01	165	33108	7.277	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	562	6.494	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	18354	3.547	ng	#	1
70) Phenanthrene	11.52	178	216056	9.698	ng		97
74) Fluoranthene	12.71	202	284815	11.988	ng		97
77) Pyrene	12.94	202	311389	13.948	ng		100
80) Benzo(a)anthracene	14.13	228	175011	8.247	ng		95
82) Chrysene	14.17	228	166781	8.608	ng		97
85) Indeno(1,2,3-cd)pyrene	17.22	276	50786	3.284	ng		94
87) Benzo(b)fluoranthene	15.21	252	239364	11.142	ng		96
88) Benzo(k)fluoranthene	15.21	252	239364	11.251	ng	#	96
89) Benzo(a)pyrene	15.60	252	133908	6.930	ng		96
91) Benzo(g,h,i)perylene	17.69	276	55398	3.539	ng	#	88

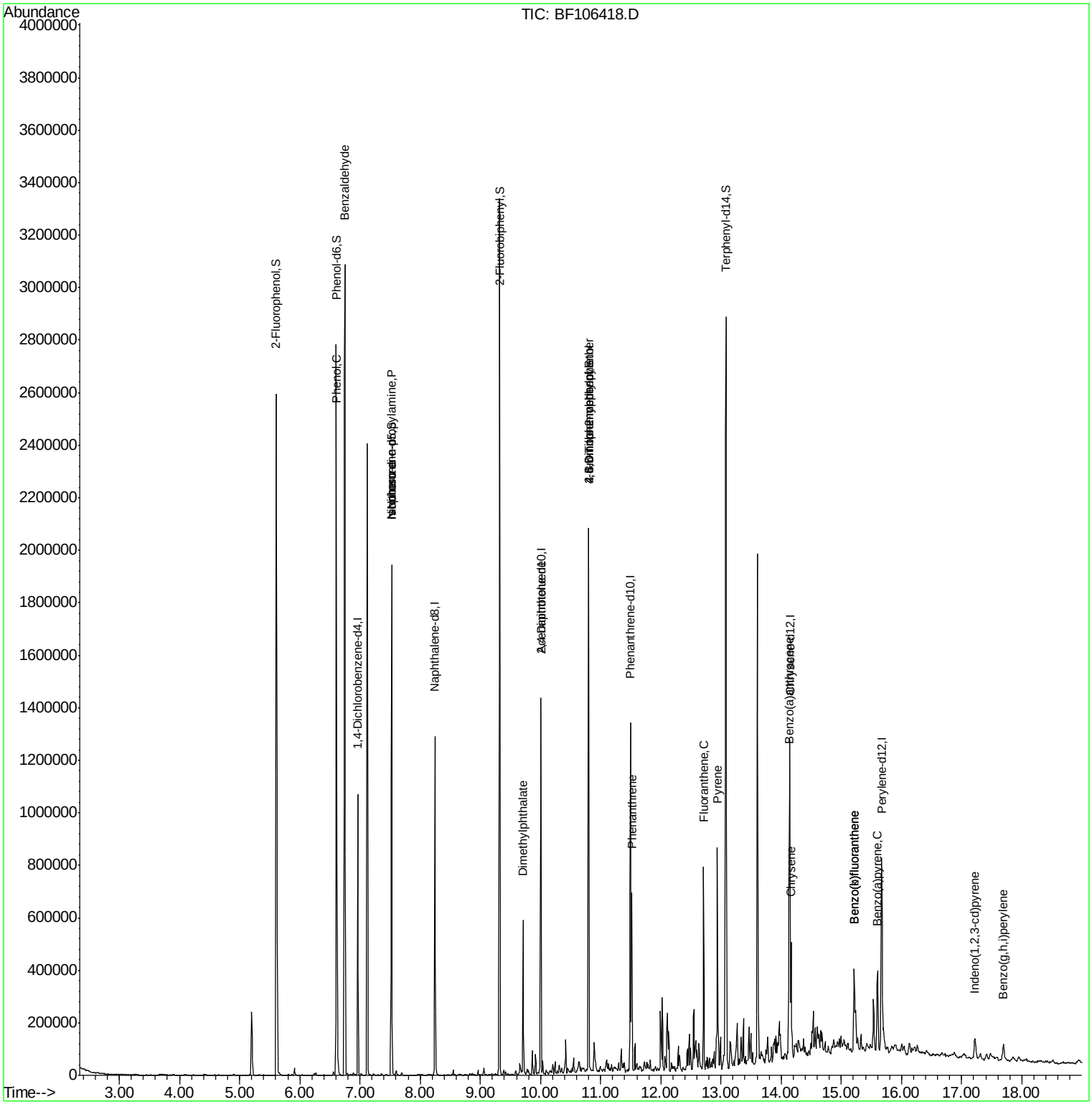
(#) = qualifier out of range (m) = manual integration (+) = signals summed

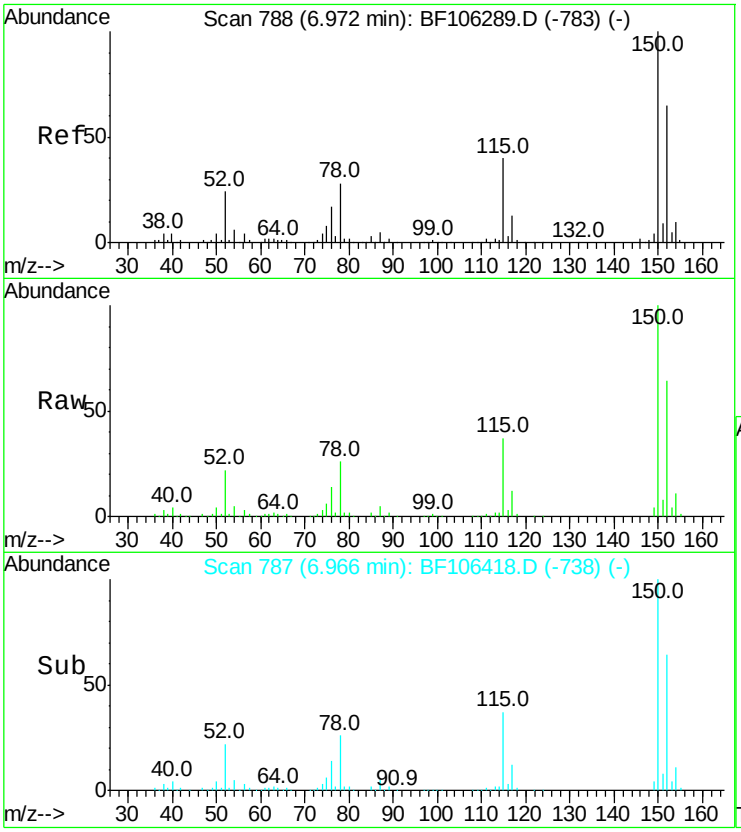
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106418.D
Acq On : 14 Jun 2018 3:56
Operator : JU/SJ
Sample : J3446-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 06:50:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration



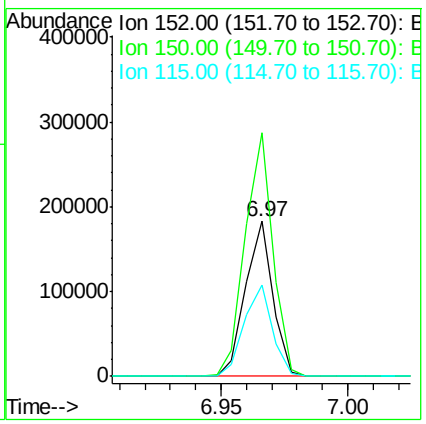


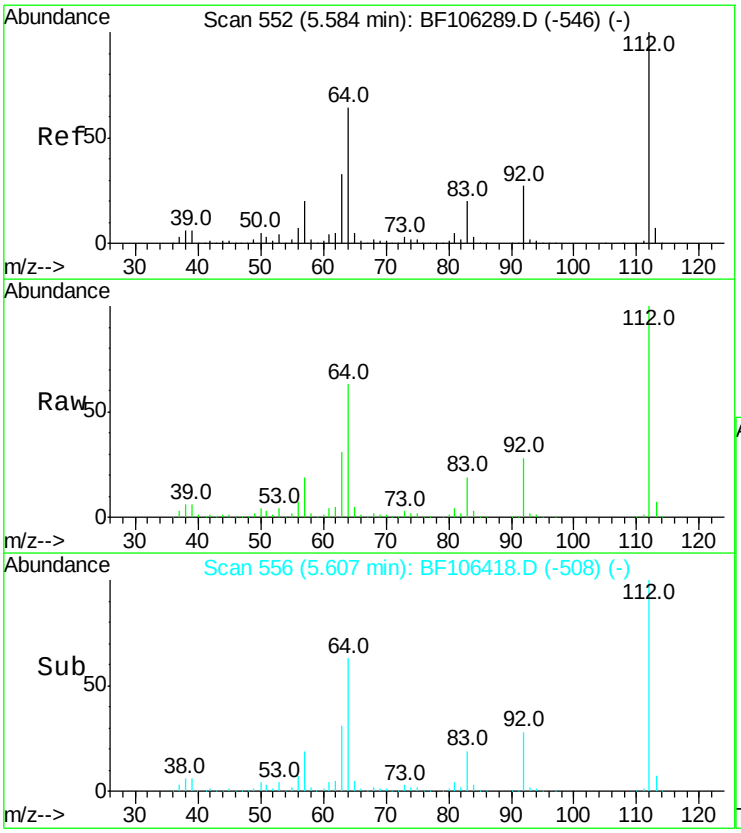
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138291

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.8	50.1	75.1

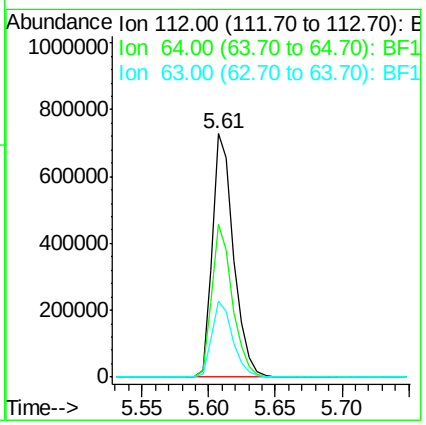


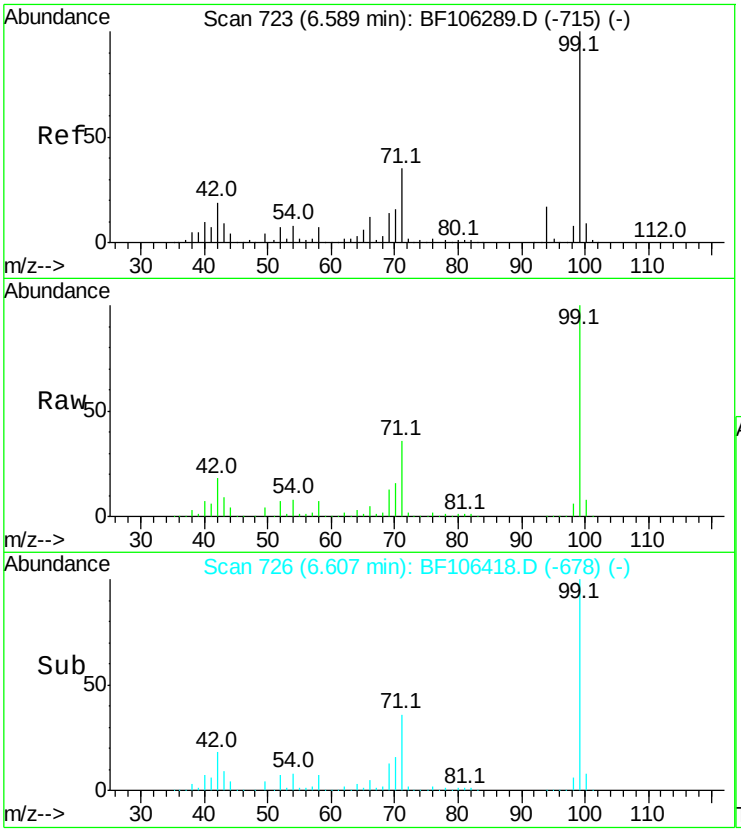


#5
2-Fluorophenol
Concen: 100.285 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:112 Resp: 819413

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.3	23.7	35.5



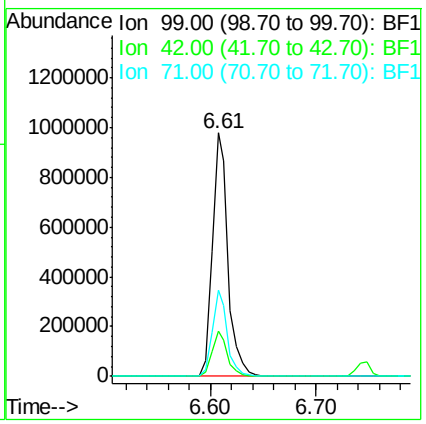


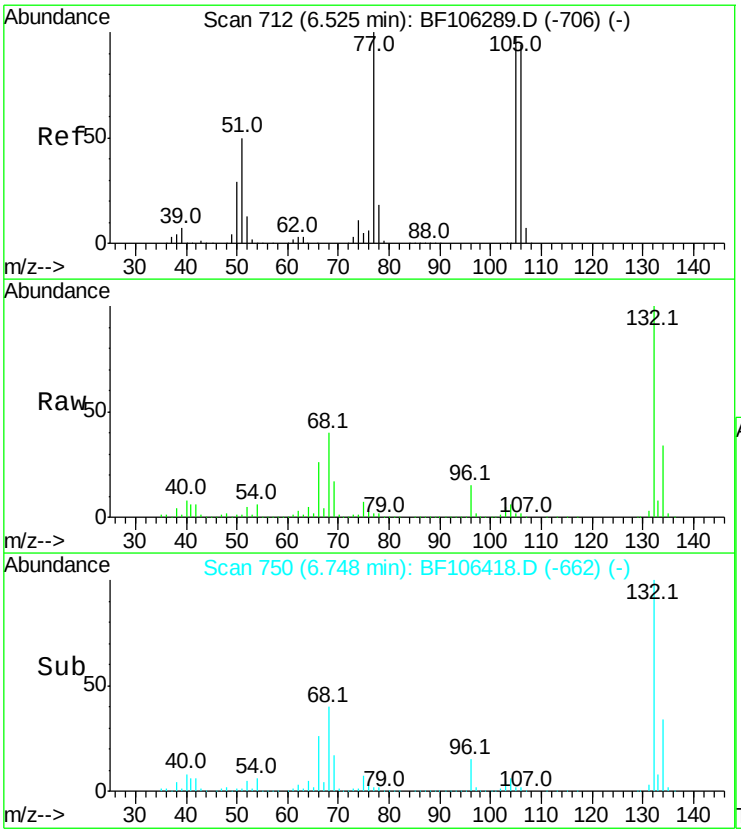
#7
Phenol-d6
Concen: 98.607 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1017929

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	35.6	25.4	38.0

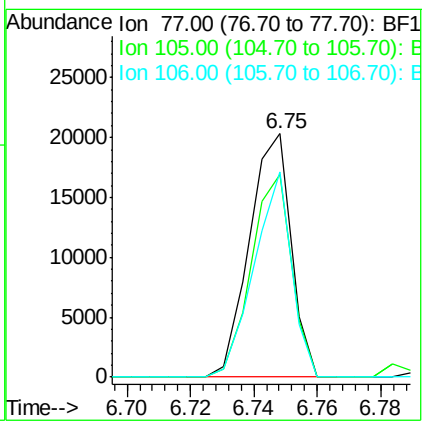


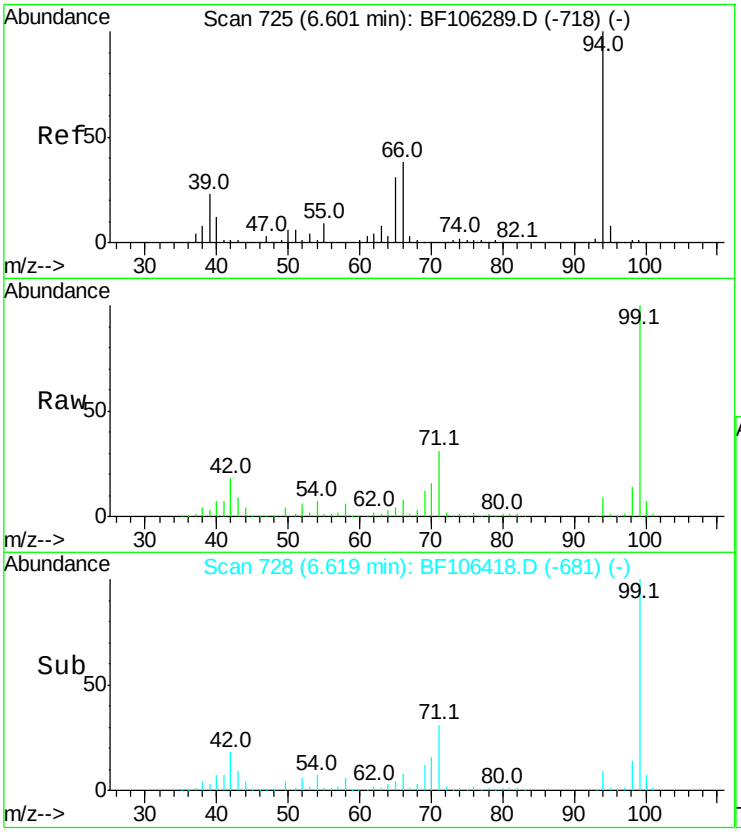


#9
Benzaldehyde
Concen: 2.360 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion: 77 Resp: 18477

Ion	Ratio	Lower	Upper
77	100		
105	83.4	81.1	121.1
106	84.3	74.5	114.5



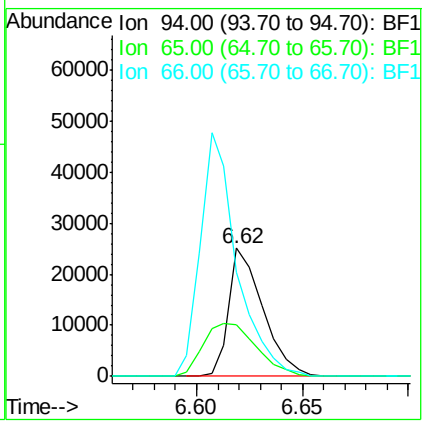


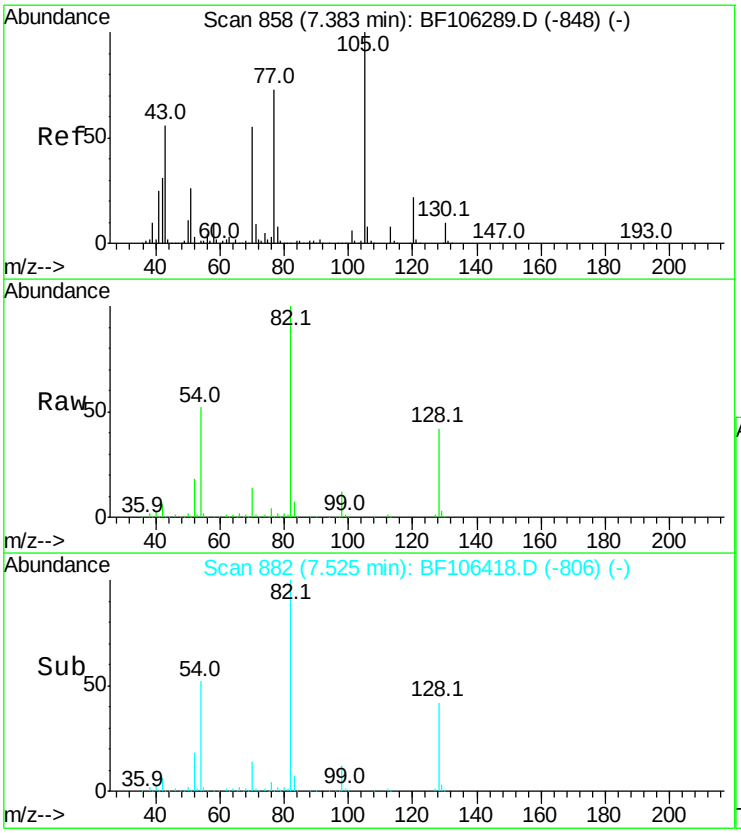
#10
Phenol
Concen: 2.492 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 28087

Ion	Ratio	Lower	Upper
94	100		
65	40.0	7.9	47.9
66	81.3	16.2	56.2#

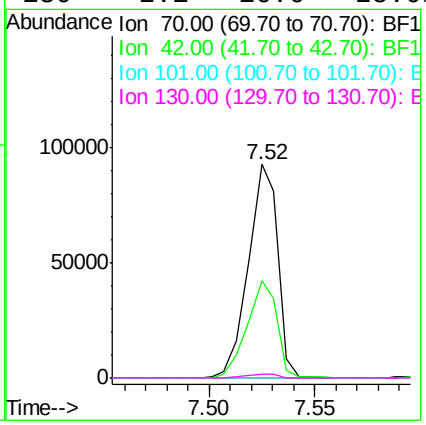


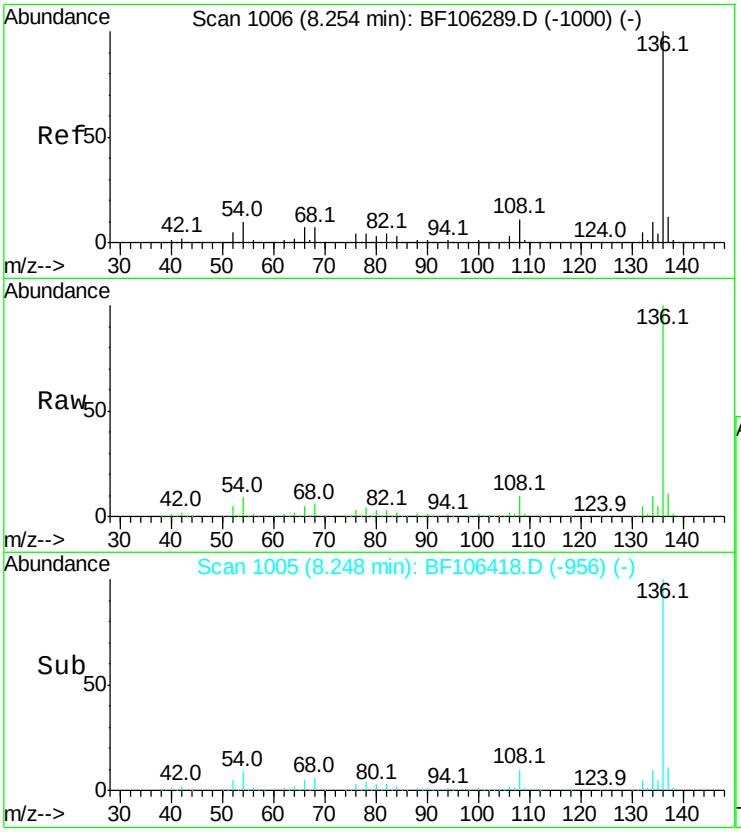


#19
n-Nitroso-di-n-propylamine
Concen: 11.570 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion: 70 Resp: 89605

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



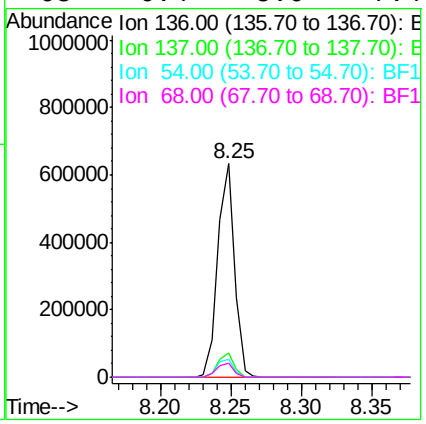


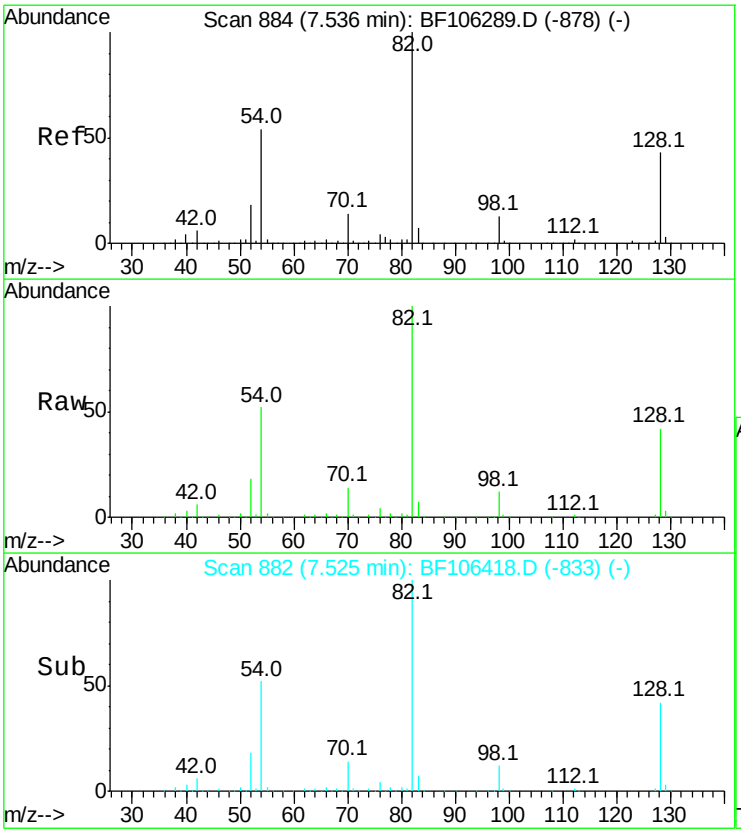
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 523903

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4

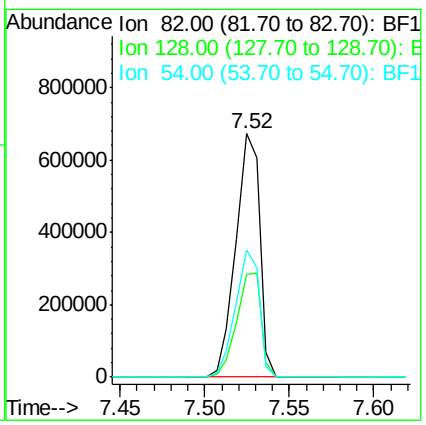


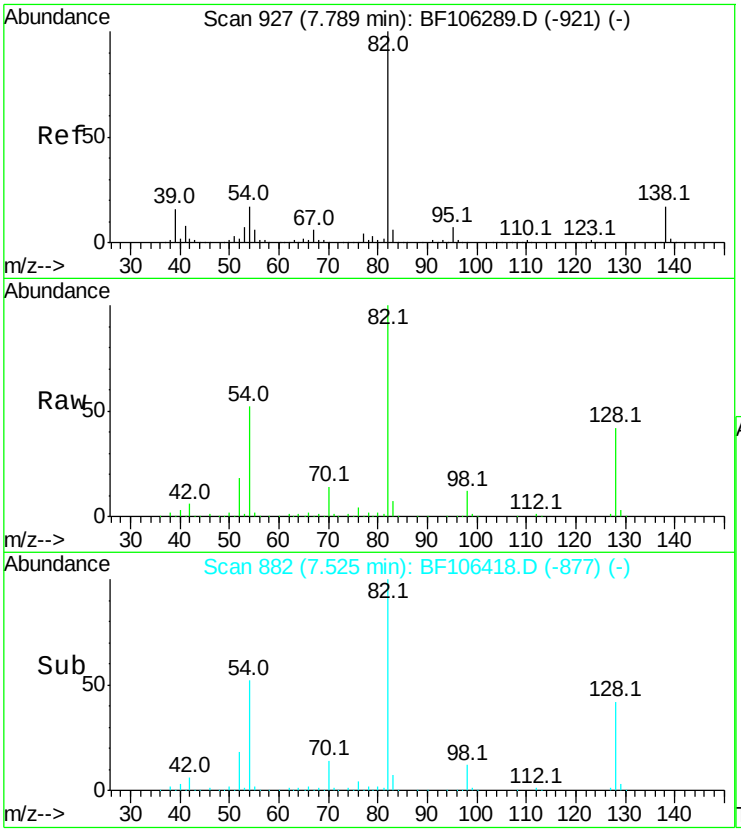


#23
Nitrobenzene-d5
Concen: 74.852 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion: 82 Resp: 666602

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	52.1	41.4	62.2



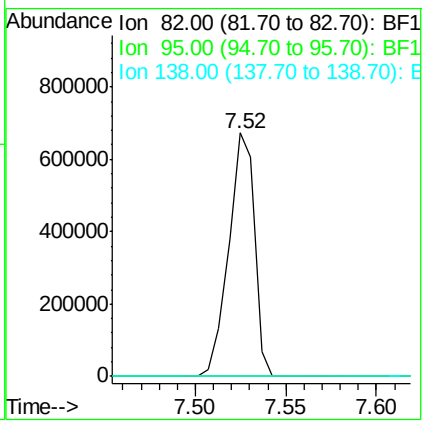


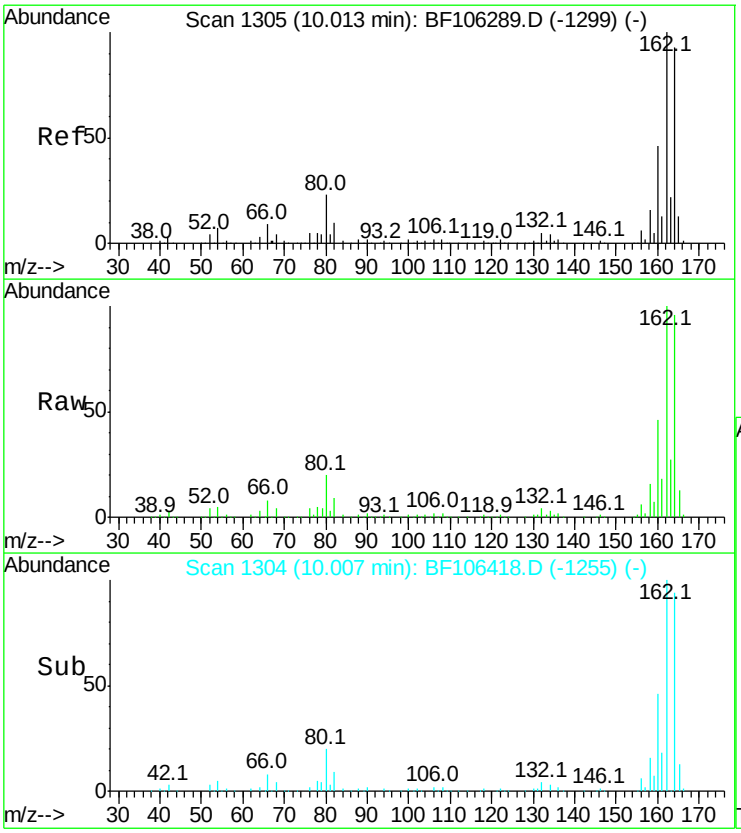
#25
Isophorone
Concen: 38.322 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 666593

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

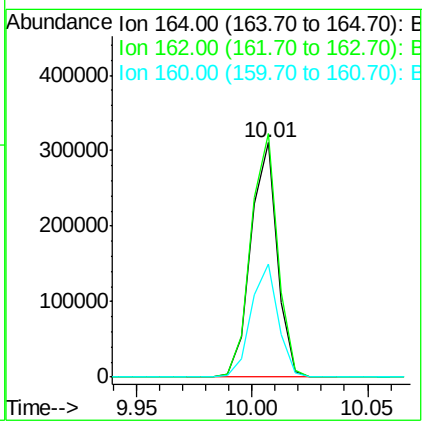


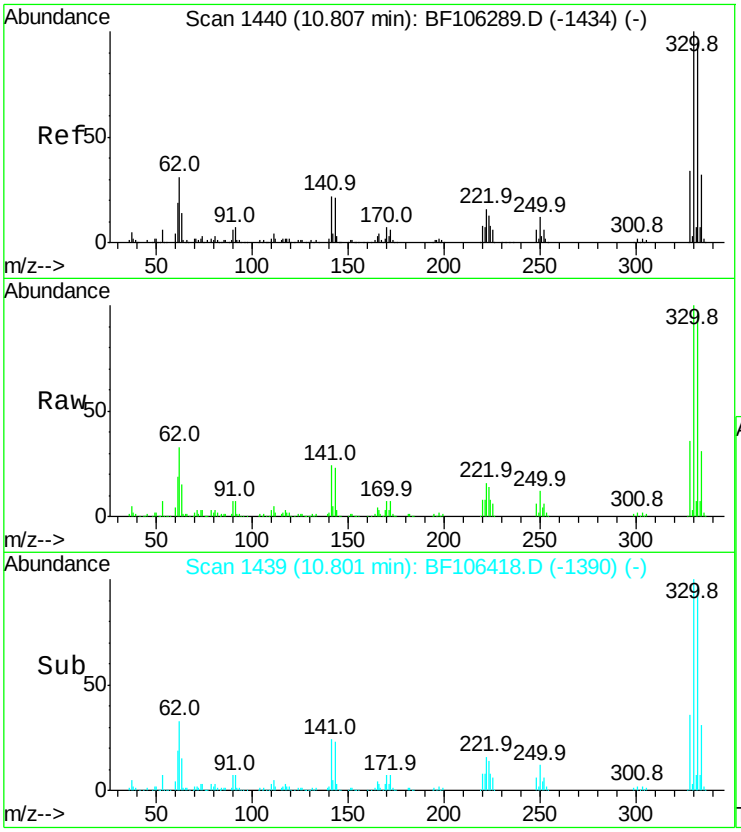


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:164 Resp: 248268

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	48.3	38.3	57.5



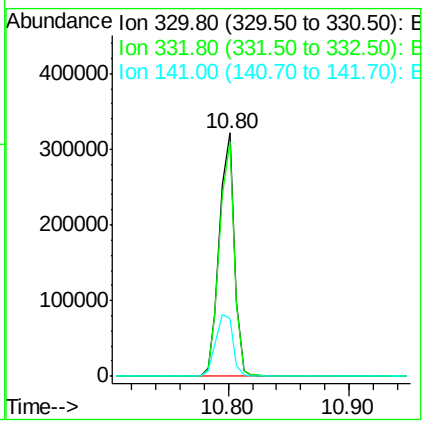


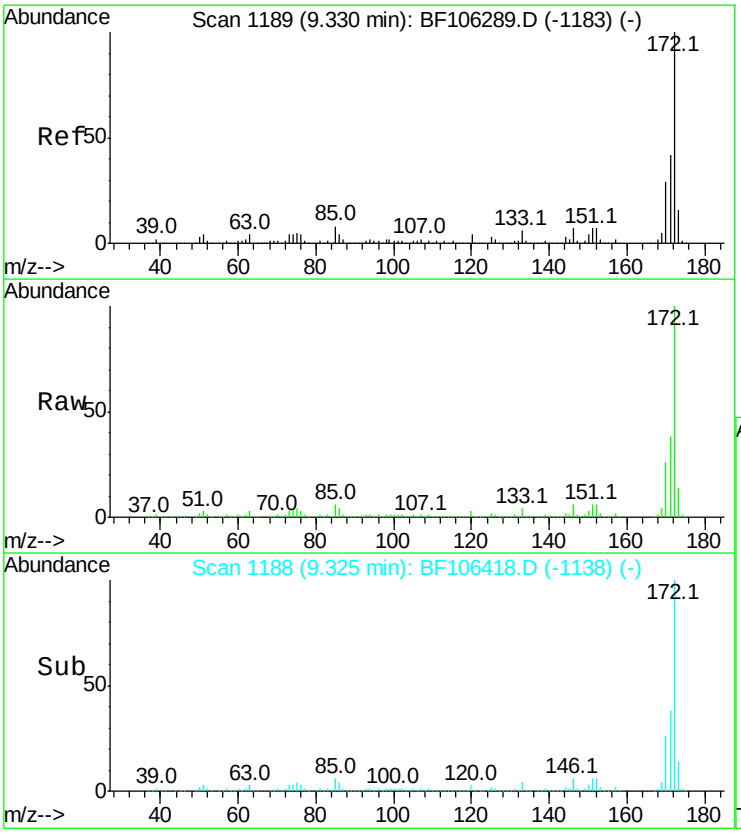
#41
2,4,6-Tribromophenol
Concen: 115.439 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 275758

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.1	29.9	44.9#

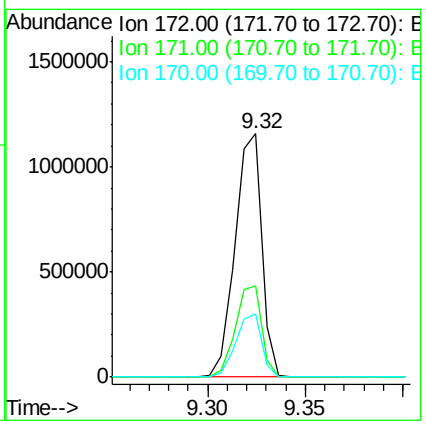


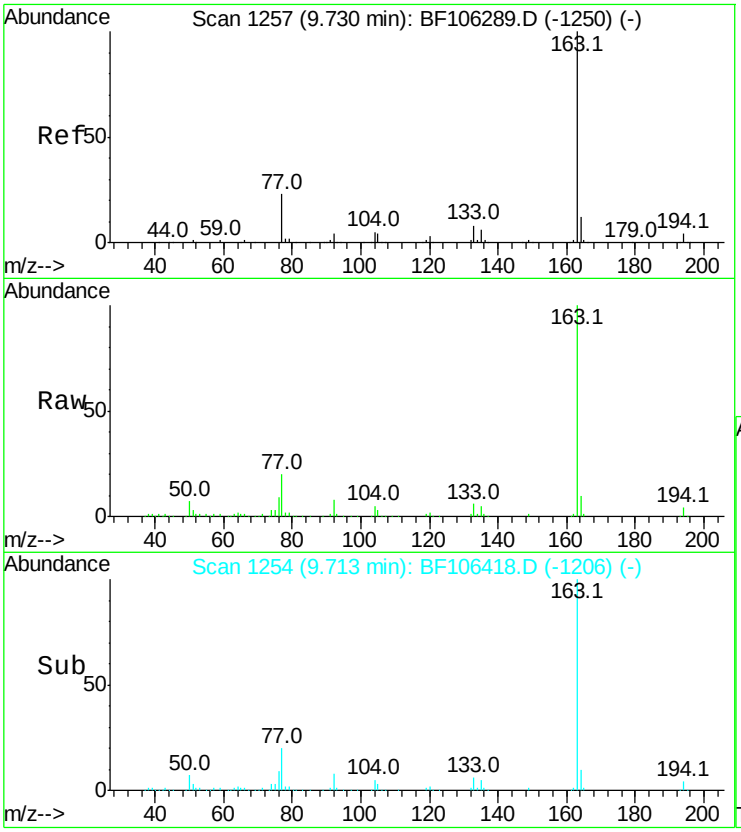


#44
2-Fluorobiphenyl
Concen: 75.928 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:172 Resp: 1098708

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.7	19.6	29.4



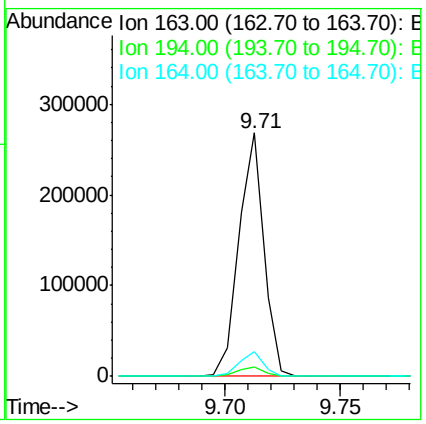


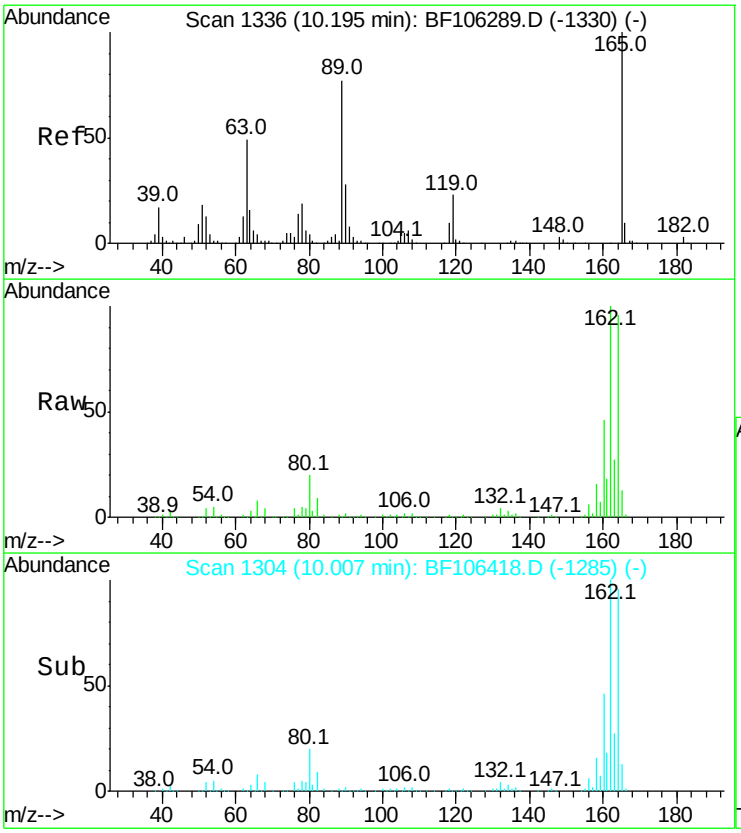
#49
Dimethylphthalate
Concen: 11.490 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 203798

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

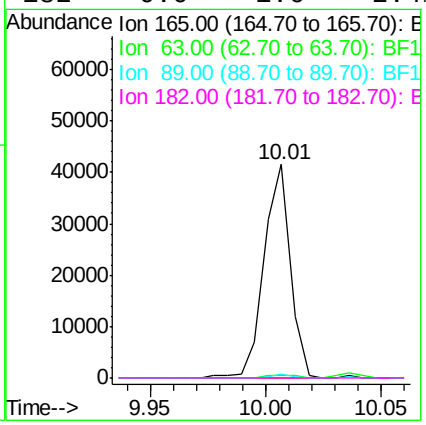


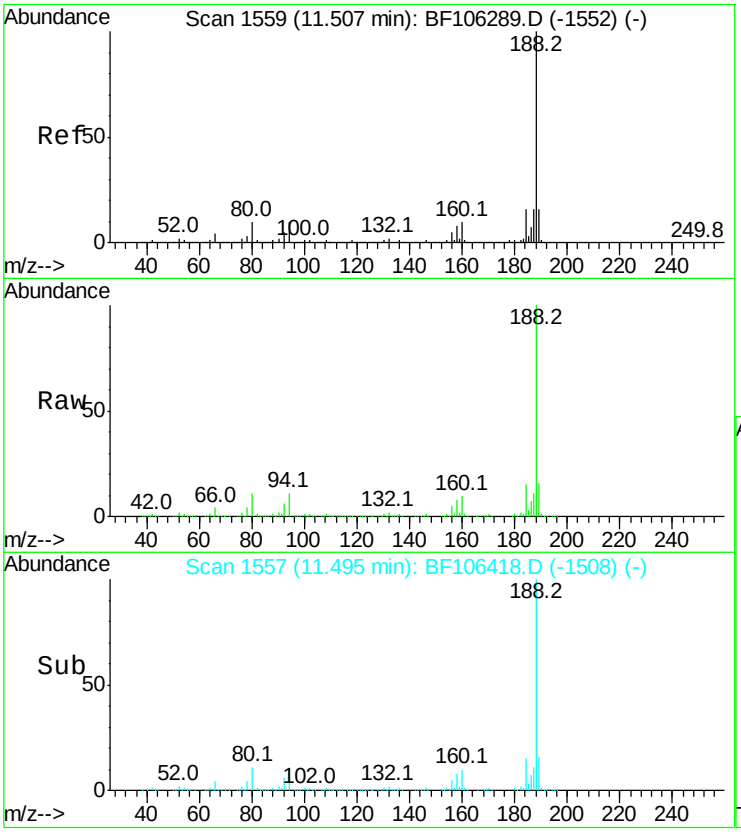


#56
2,4-Dinitrotoluene
Concen: 7.277 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:165 Resp: 33108

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



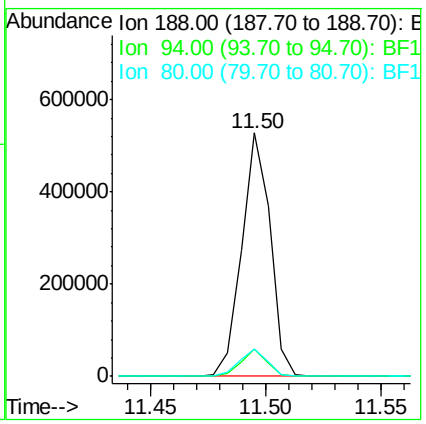


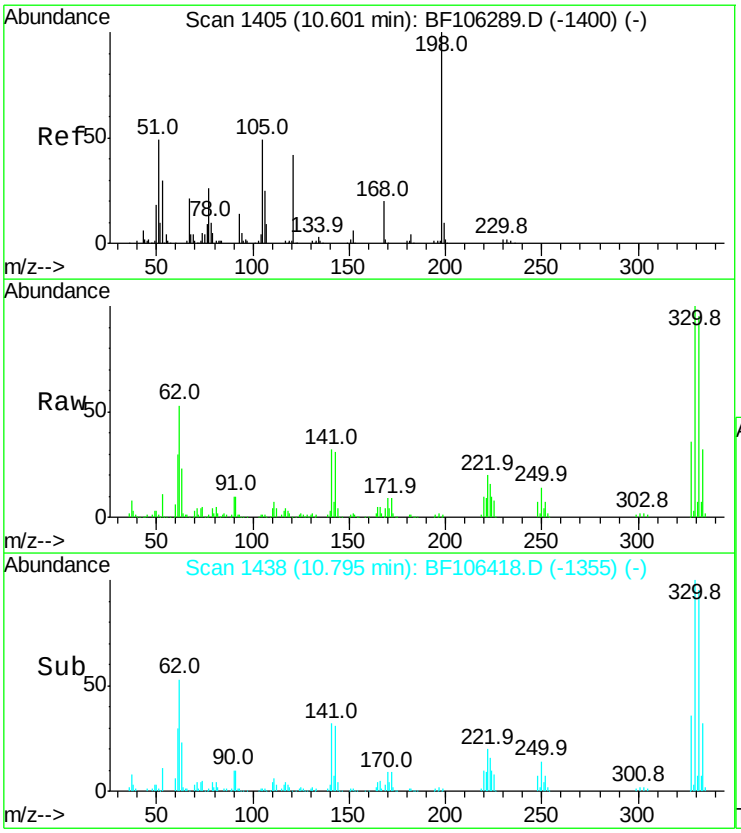
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 454896

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.4	9.2	13.8

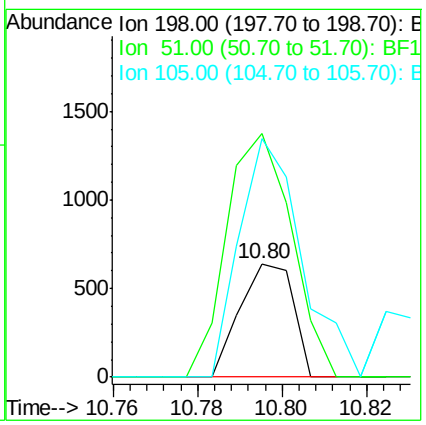


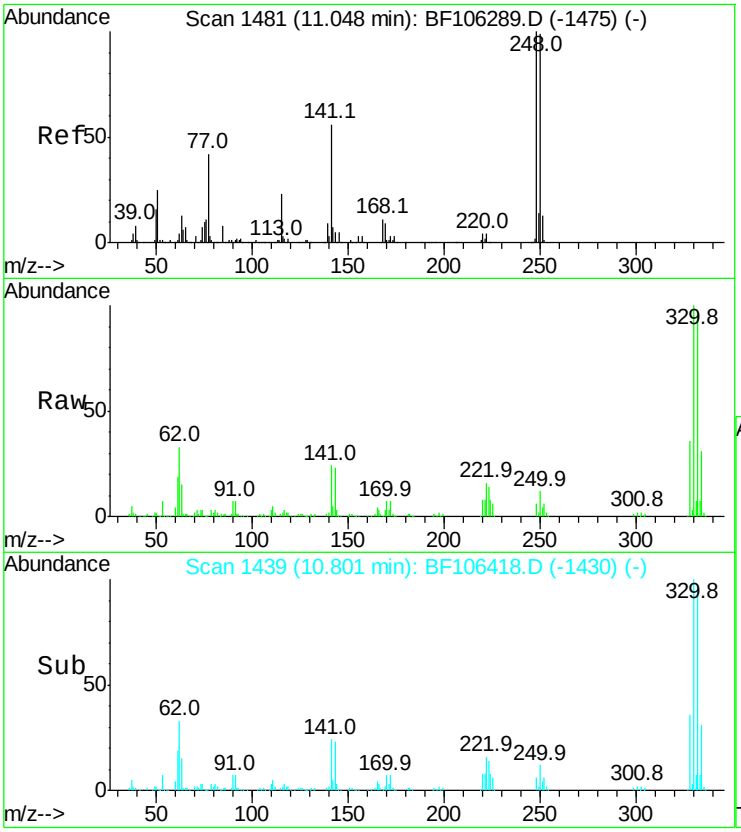


#64
4,6-Dinitro-2-methylphenol
Concen: 6.494 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:198 Resp: 562

Ion	Ratio	Lower	Upper
198	100		
51	214.7	37.7	77.7#
105	210.6	36.3	76.3#



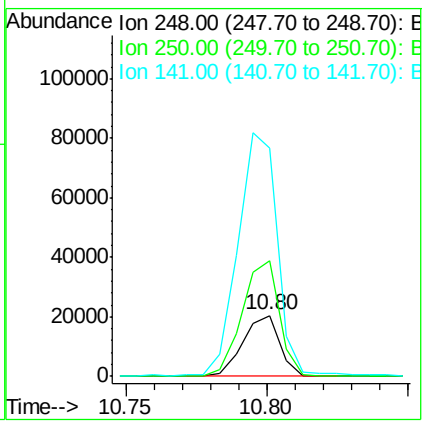


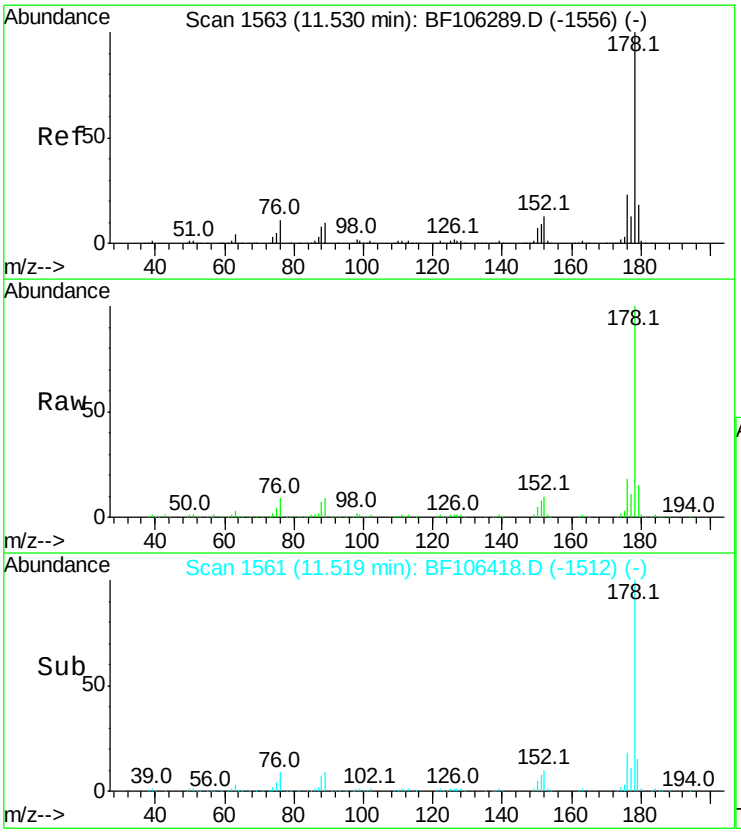
#66
4-Bromophenyl-phenylether
Concen: 3.547 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 18354

Ion	Ratio	Lower	Upper
248	100		
250	188.2	76.9	115.3#
141	374.1	74.4	111.6#

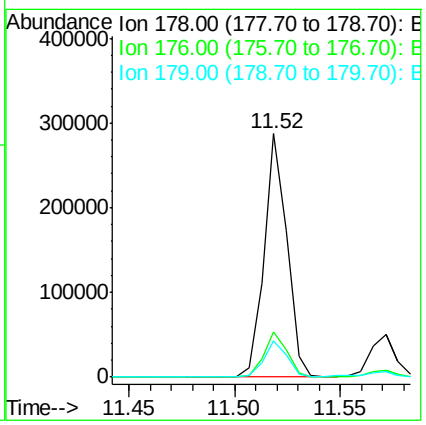


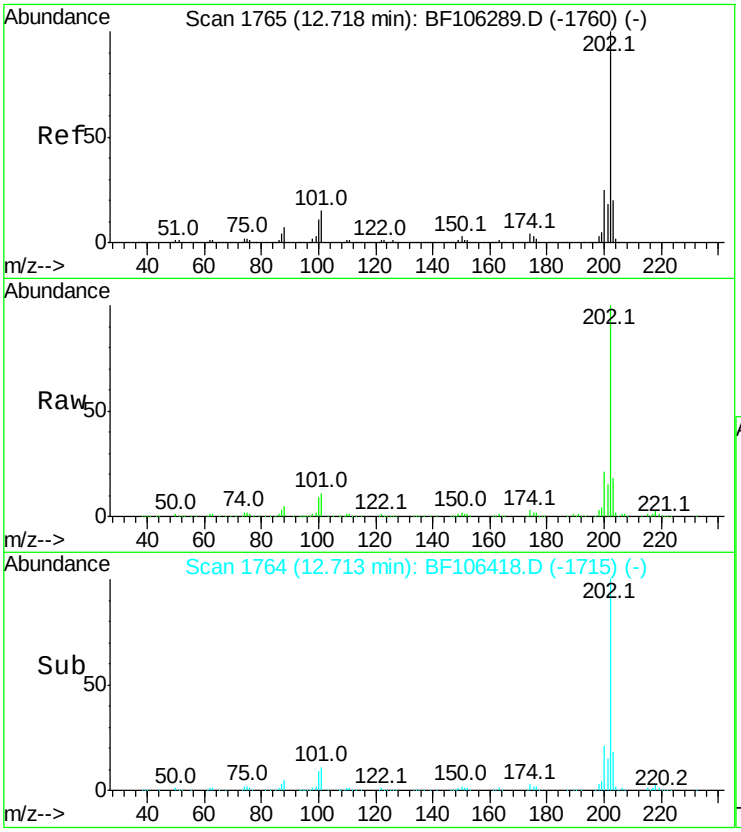


#70
Phenanthrene
Concen: 9.698 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:178 Resp: 216056

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.7	13.0	19.6



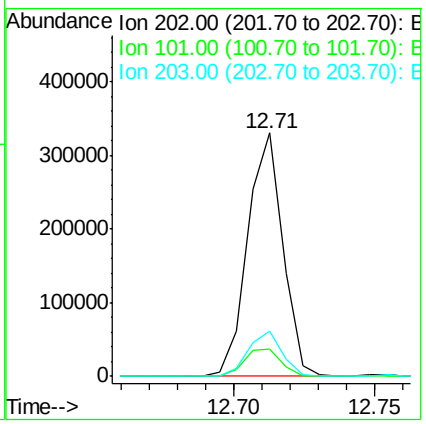


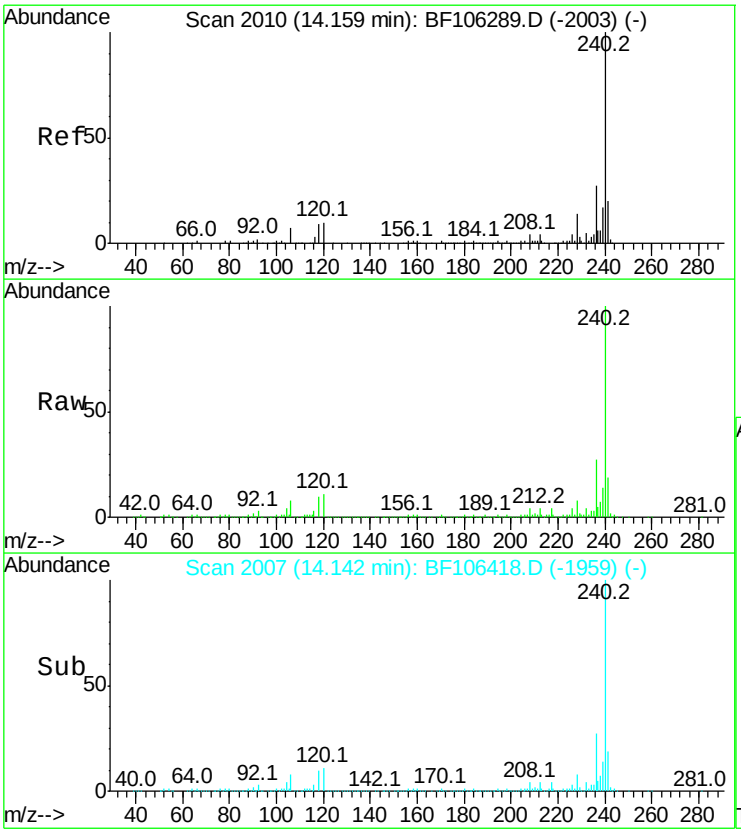
#74
Fluoranthene
Concen: 11.988 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 284815

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.4	0.0	38.1

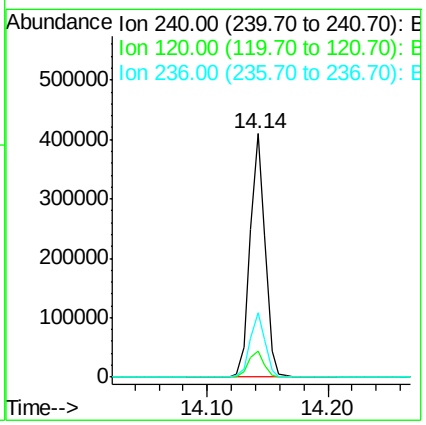


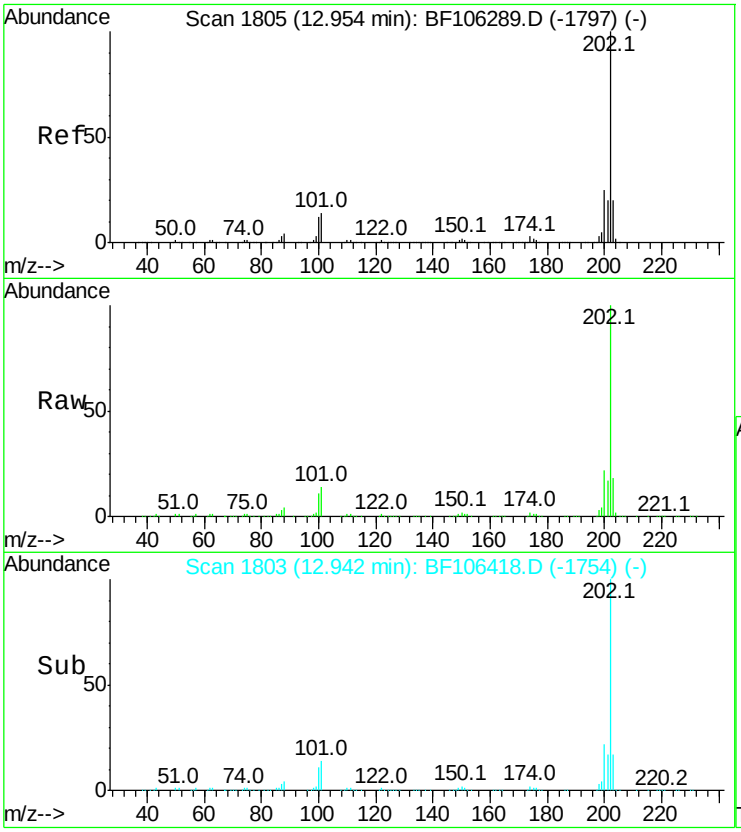


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:240 Resp: 356590

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.6	20.7	31.1



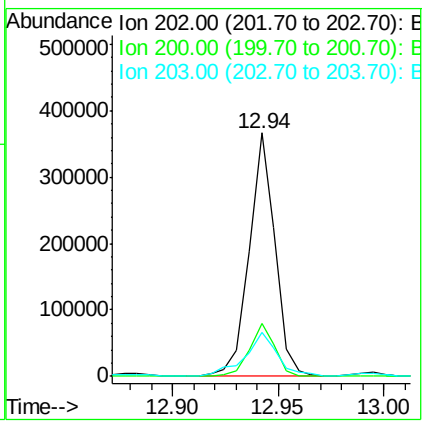


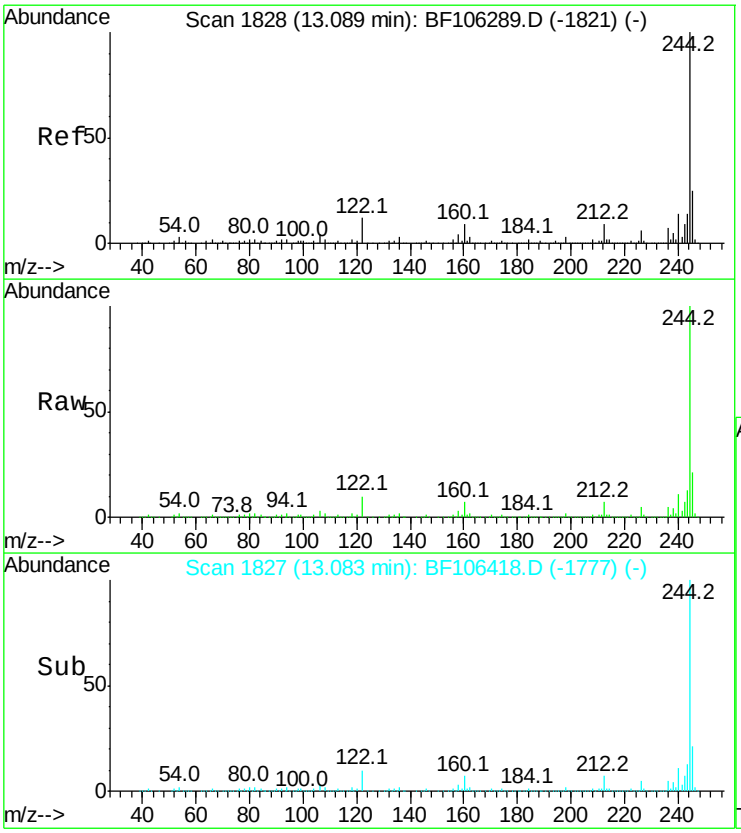
#77
Pyrene
Concen: 13.948 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 311389

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

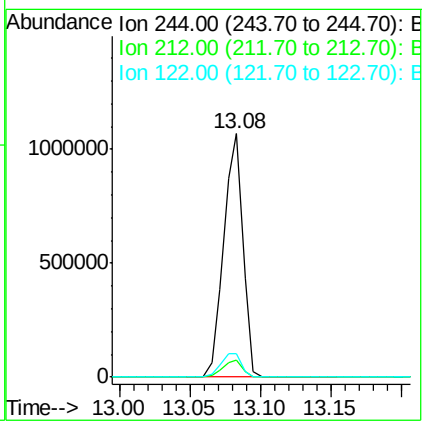


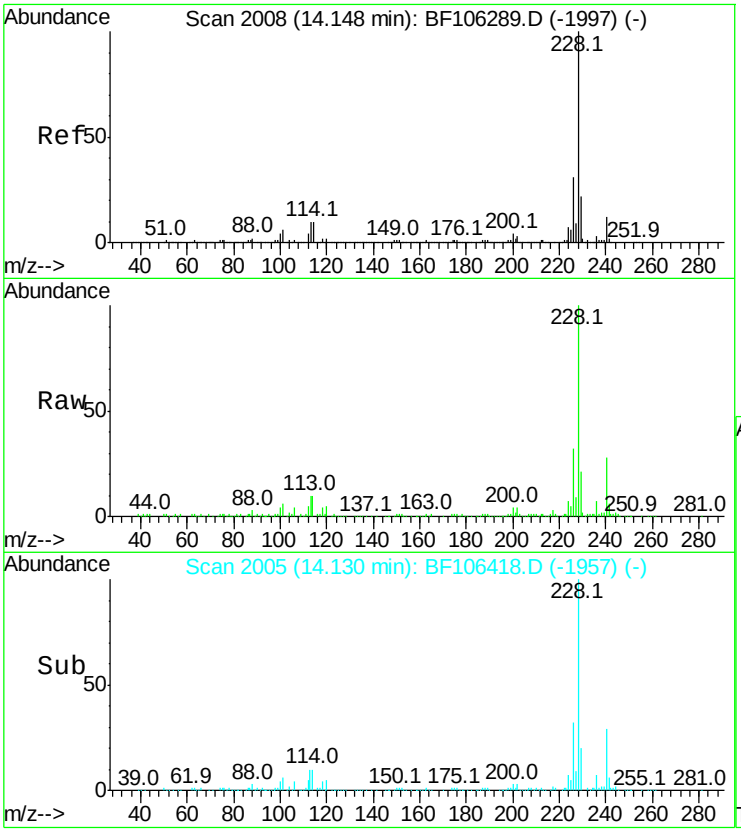


#78
Terphenyl-d14
Concen: 70.259 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:244 Resp: 1008692

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.7	11.0	16.4#



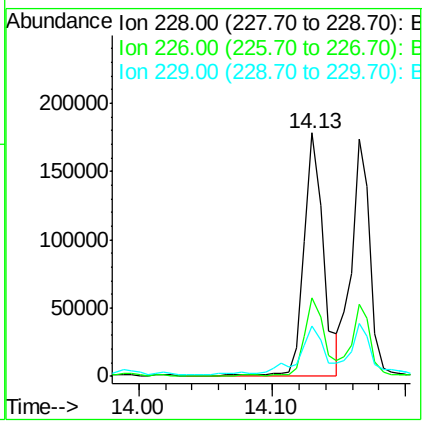


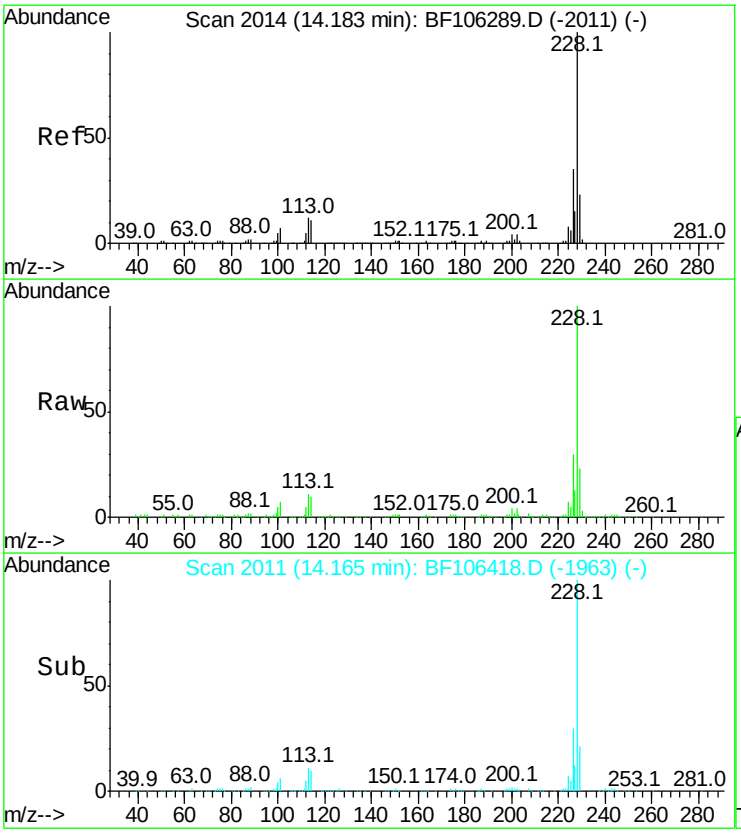
#80
Benzo(a)anthracene
Concen: 8.247 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 175011

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	20.9	15.8	23.6

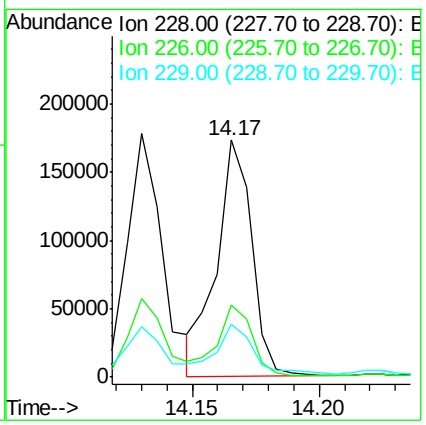


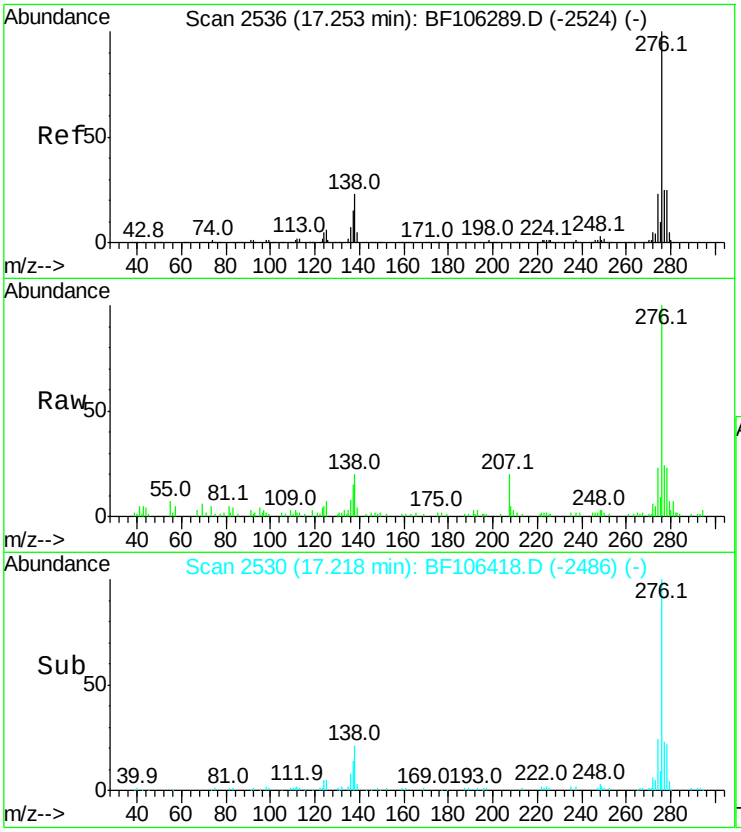


#82
Chrysene
Concen: 8.608 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:228 Resp: 166781

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.5	16.2	24.4



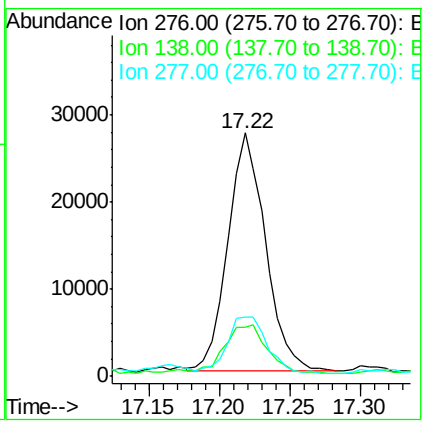


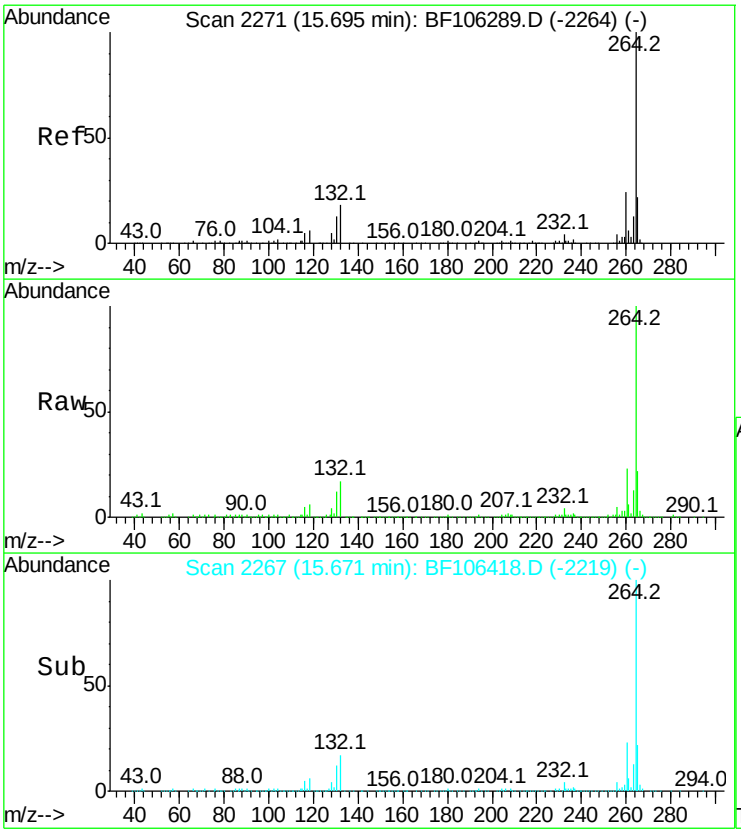
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.284 ng
RT: 17.22 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 50786

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	26.2	20.1	30.1

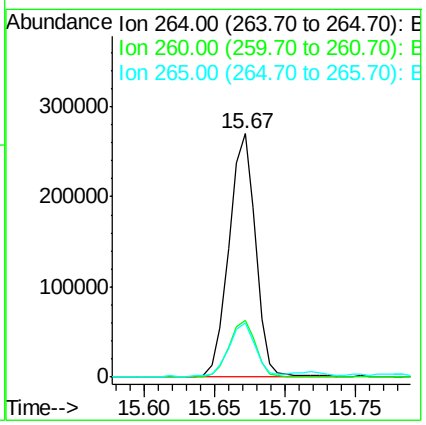


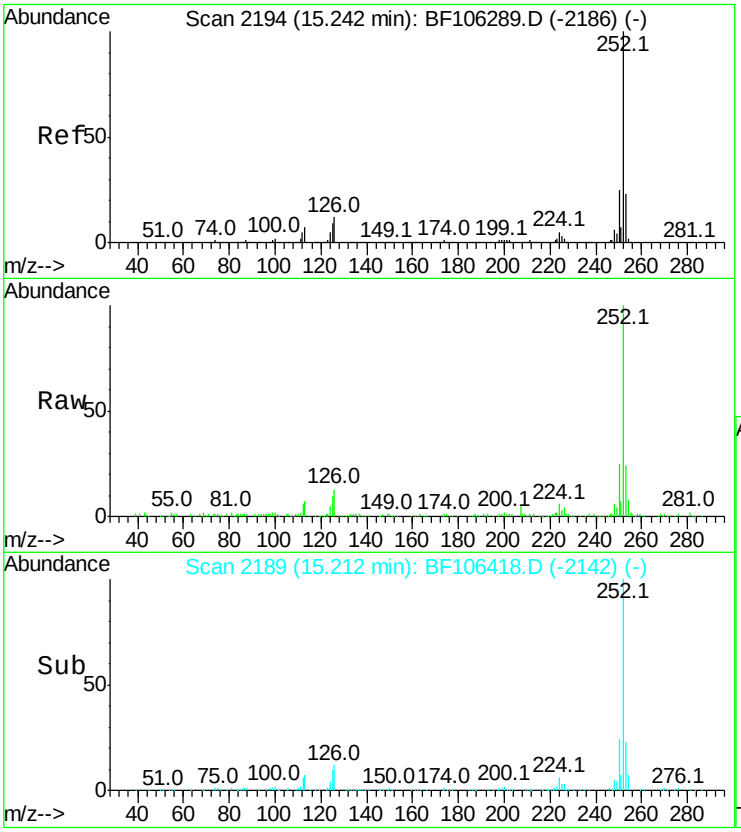


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:264 Resp: 355382

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	17.5	26.3



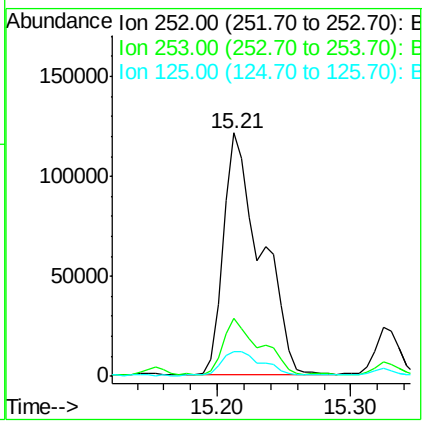


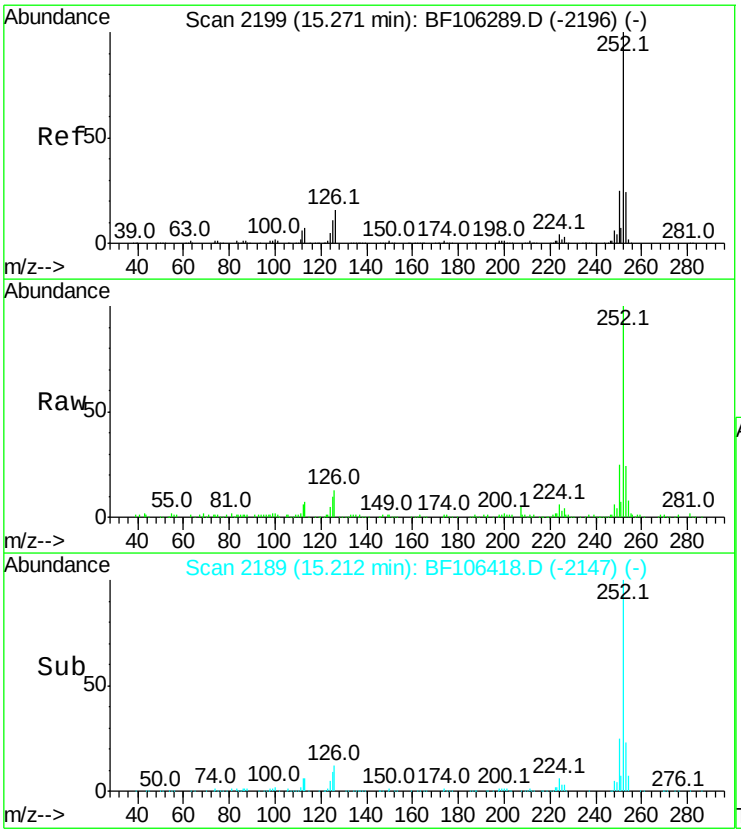
#87
Benzo(b)fluoranthene
Concen: 11.142 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 239364

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	9.9	9.0	13.6

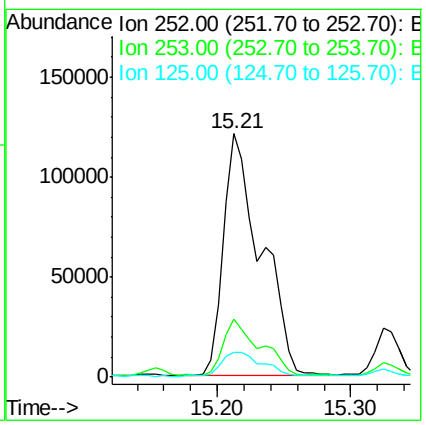


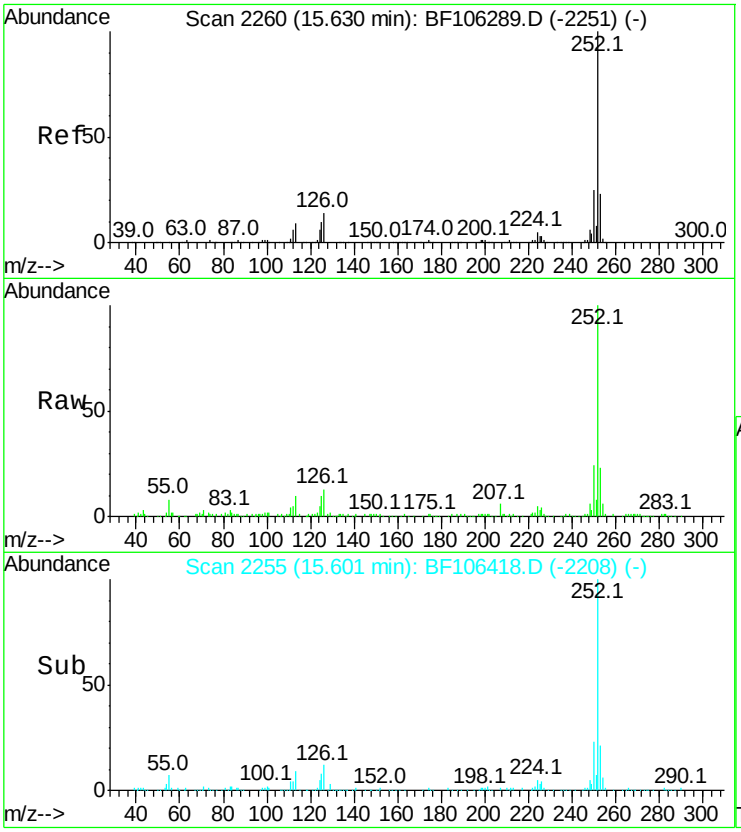


#88
Benzo(k)fluoranthene
Concen: 11.251 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:252 Resp: 239364

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	9.9	10.2	15.2#



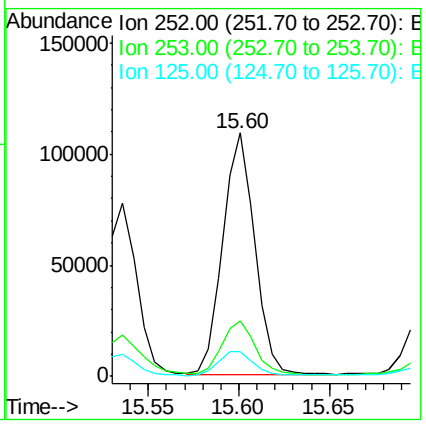


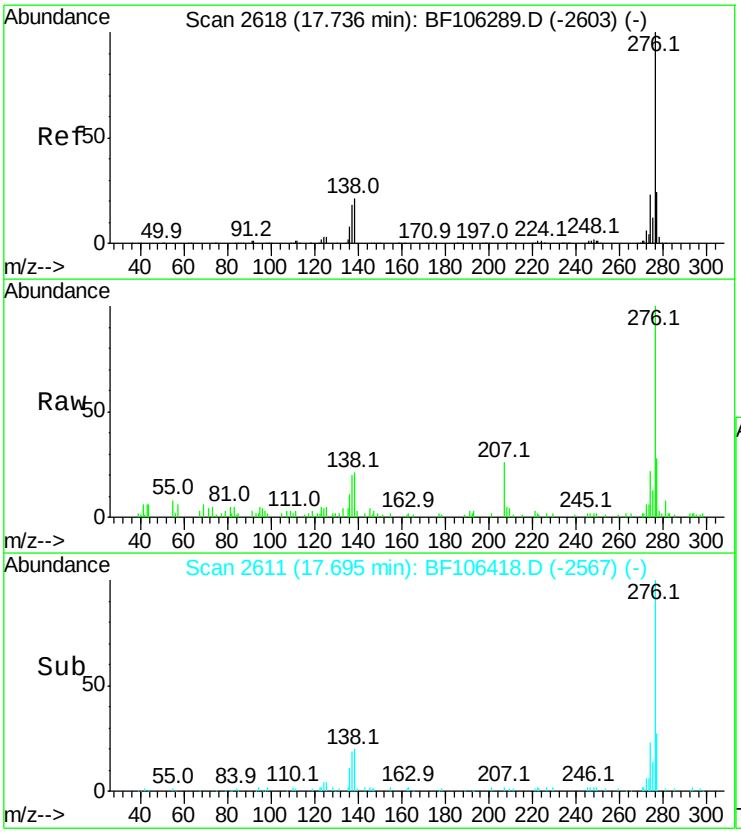
#89
Benzo(a)pyrene
Concen: 6.930 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 133908

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.539 ng
RT: 17.69 min Scan# 2611
Delta R.T. -0.04 min
Lab File: BF106418.D
Acq: 14 Jun 2018 3:56

Tgt Ion:276 Resp: 55398

Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.9	26.9#
138	21.2	21.8	32.8#