Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106346.D
Acq On : 12 Jun 2018 16:00
Operator : JU/SJ
Sample : J3245-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 01:08:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170419	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	589571	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	248275	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	484190	20.00	ng		0.00
75) Chrysene-d12	14.16	240	518601	20.00	ng		0.00
86) Perylene-d12	15.71	264	384040	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	542381	53.87	ng		0.00
7) Phenol-d6	6.59	99	652934	51.33	ng		0.00
23) Nitrobenzene-d5	7.53	82	405527	40.46	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	145505	60.91	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	698924	40.87	ng		0.00
78) Terphenyl-d14	13.09	244	846487	40.54	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	55135	5.777	ng	#	79
25) Isophorone	7.53	82	405522	20.716	ng	#	64
32) Benzoic acid	7.90	122	109	7.304	ng	#	35
49) Dimethylphthalate	9.72	163	117103	6.602	ng	#	99
55) 4-Nitrophenol	10.22	139	10242	3.107	ng	#	12
56) 2,4-Dinitrotoluene	10.01	165	32885	7.228	ng	#	24
57) Fluorene	10.56	166	46033	2.836	ng	#	97
64) 4,6-Dinitro-2-methylphenol	10.80	198	208	6.364	ng	#	1
70) Phenanthrene	11.53	178	412056	17.377	ng		98
71) Anthracene	11.58	178	118356	4.982	ng		96
74) Fluoranthene	12.72	202	652198	25.791	ng		99
77) Pyrene	12.95	202	589844	18.167	ng		100
80) Benzo(a)anthracene	14.15	228	309192	10.019	ng		96
82) Chrysene	14.19	228	293015	10.399	ng		98
87) Benzo(b)fluoranthene	15.25	252	360763	15.540	ng		95
88) Benzo(k)fluoranthene	15.25	252	360763	15.691	ng		98
89) Benzo(a)pyrene	15.65	252	184581	8.840	ng		96
91) Benzo(g,h,i)perylene	17.75	276	84864	5.016	ng	#	91

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

Quantitation Report (Not Reviewed)

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Misc :
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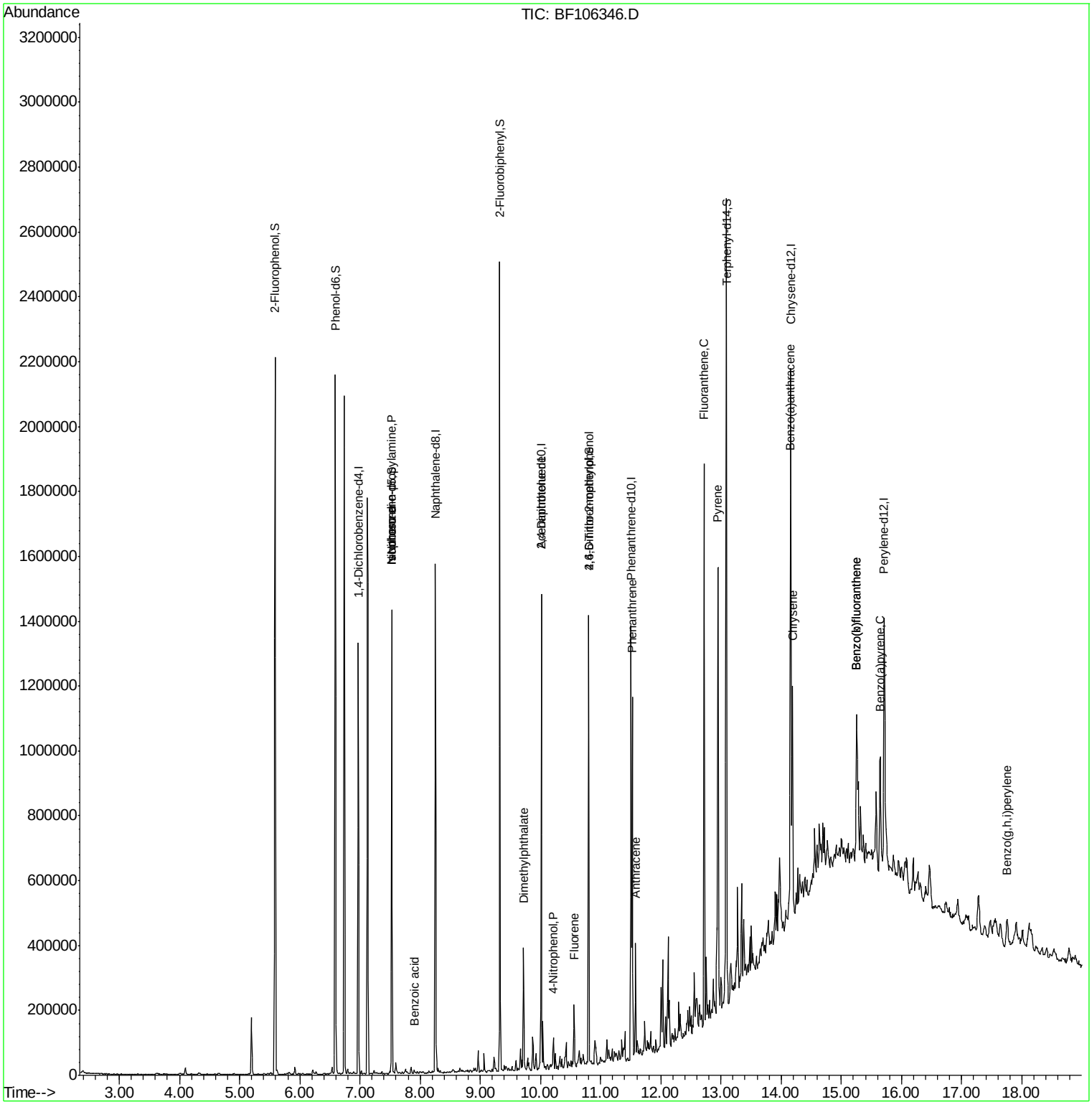
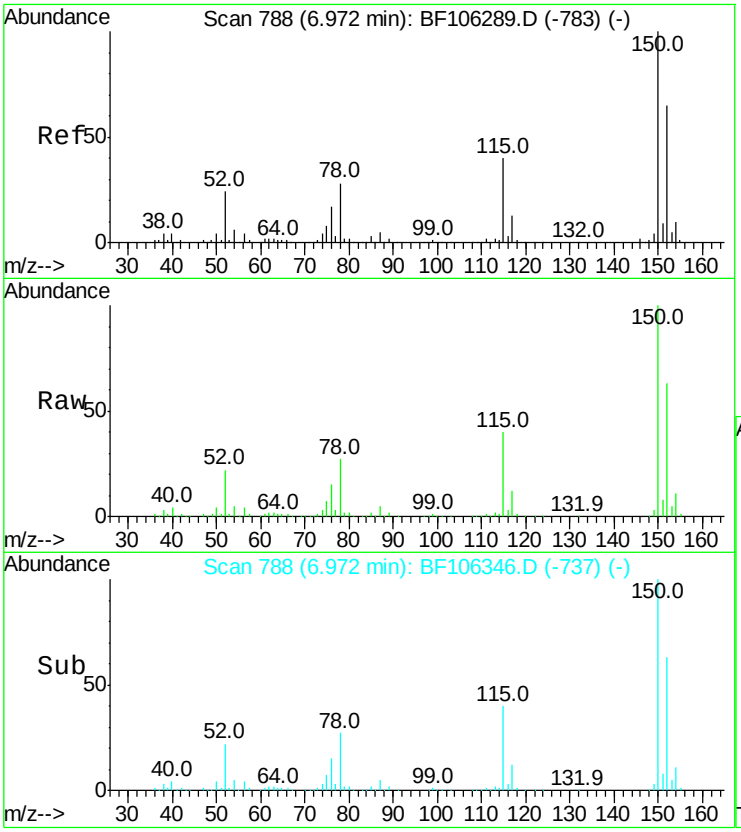


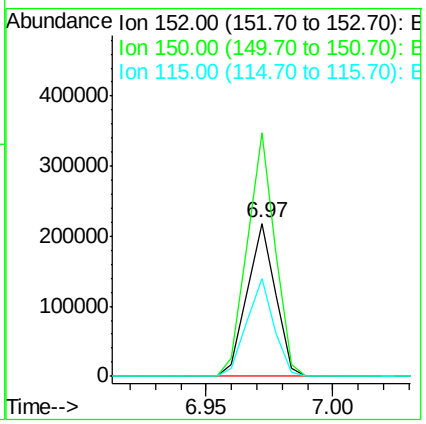


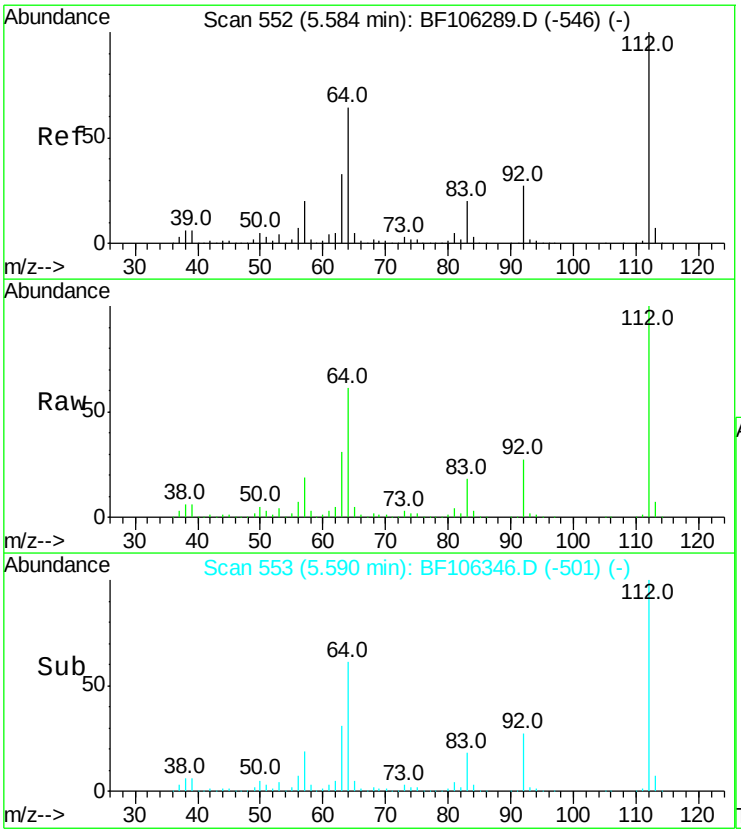
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 170419

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	64.0	50.1	75.1

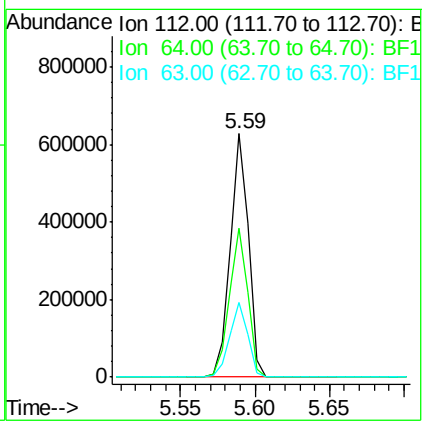


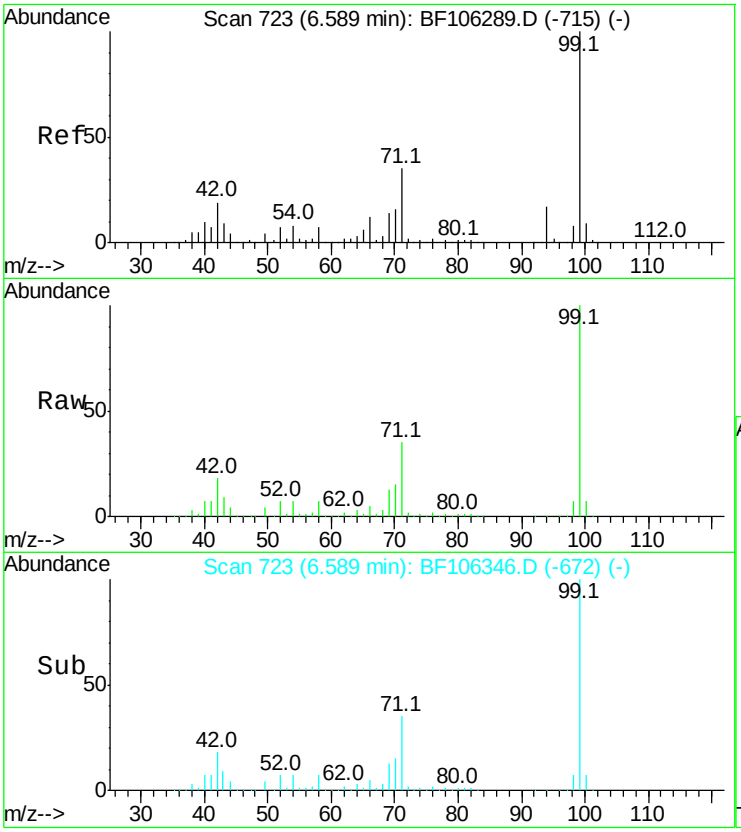


#5
2-Fluorophenol
Concen: 53.866 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:112 Resp: 542381

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	30.9	23.7	35.5



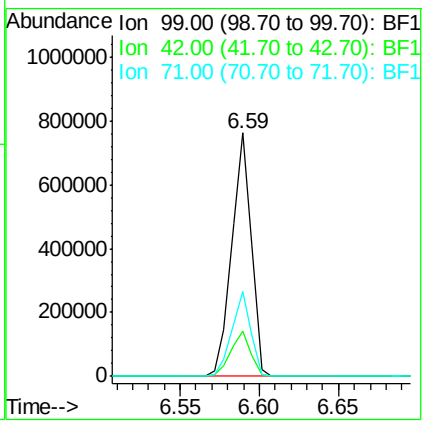


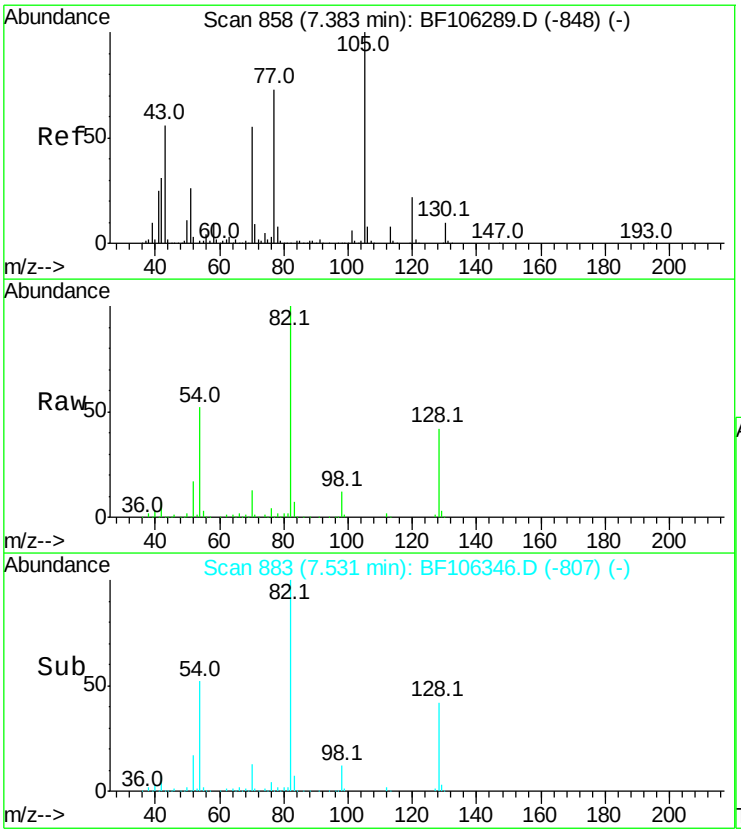
#7
Phenol-d6
Concen: 51.326 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 652934

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	34.7	25.4	38.0

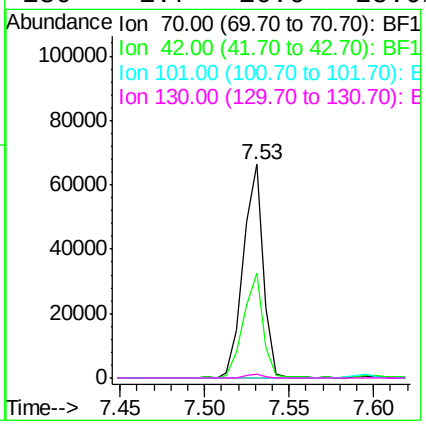


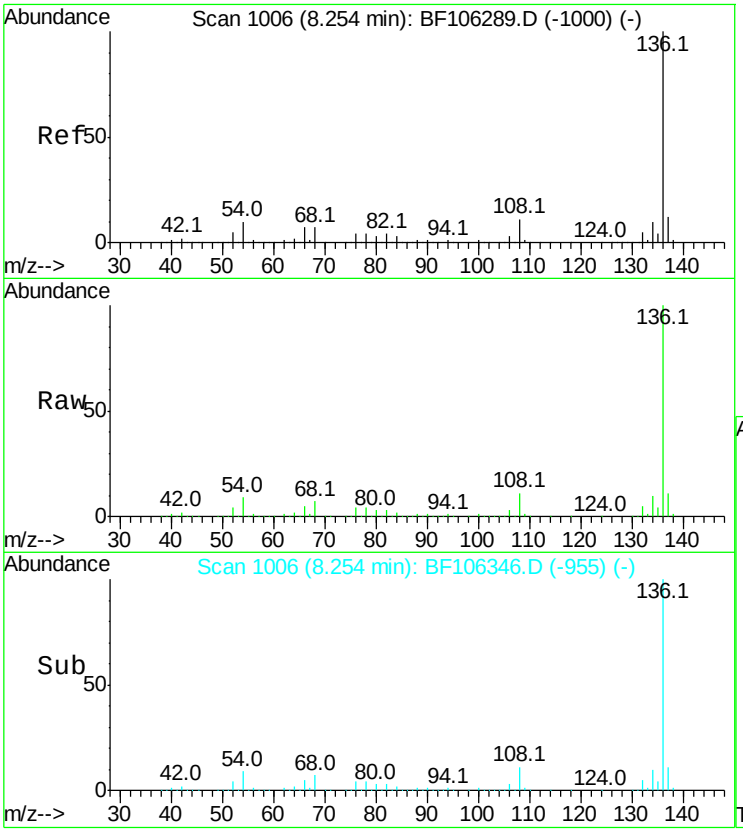


#19
n-Nitroso-di-n-propylamine
Concen: 5.777 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion: 70 Resp: 55135

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



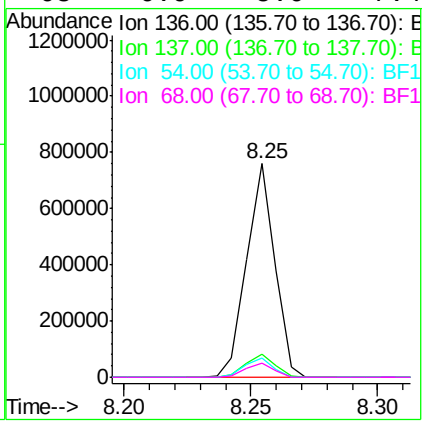


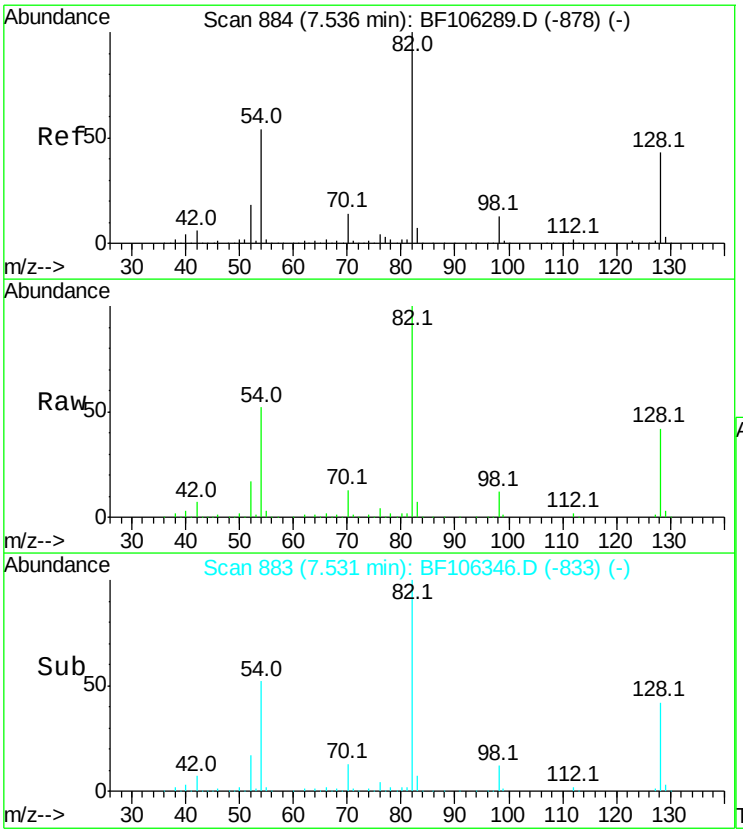
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 589571

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.9	5.0	7.4

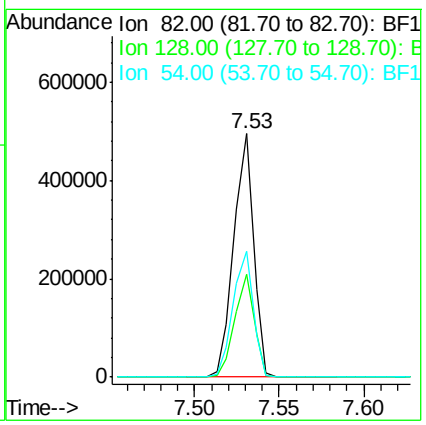


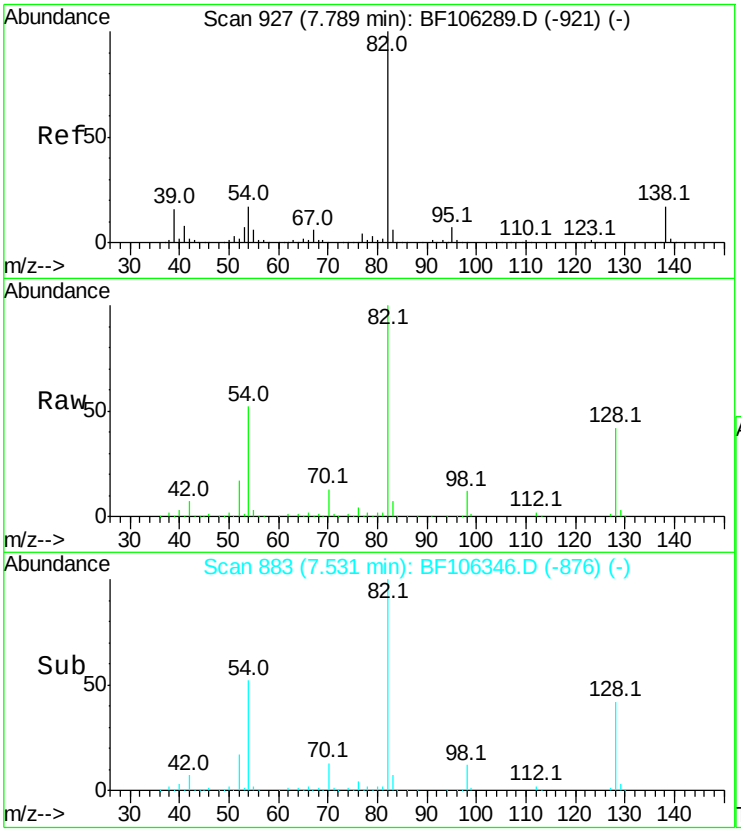


#23
Nitrobenzene-d5
Concen: 40.464 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion: 82 Resp: 405527

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	51.6	41.4	62.2

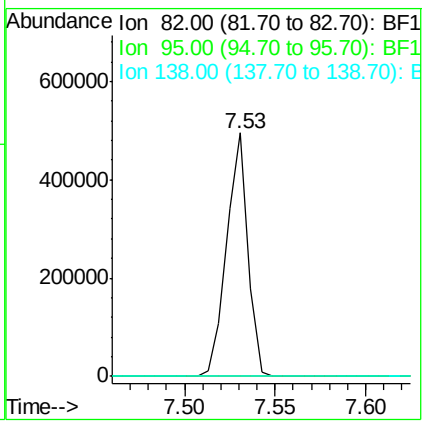




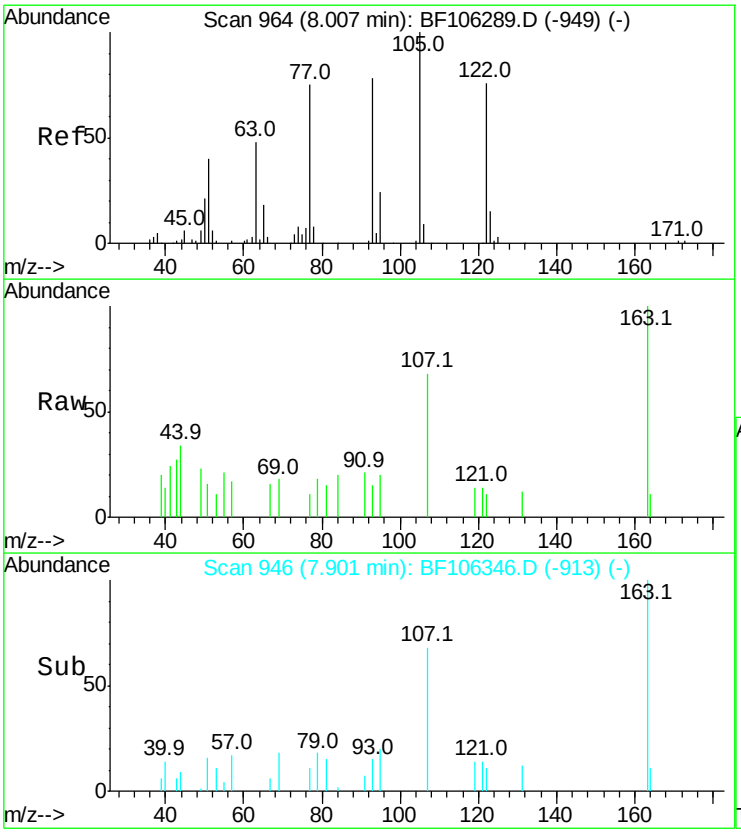
#25
Isophorone
Concen: 20.716 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion: 82 Resp: 405522

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



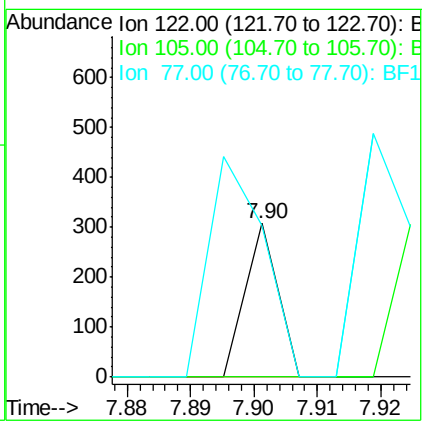
Instrument :
BNA_F
ClientSampleId :

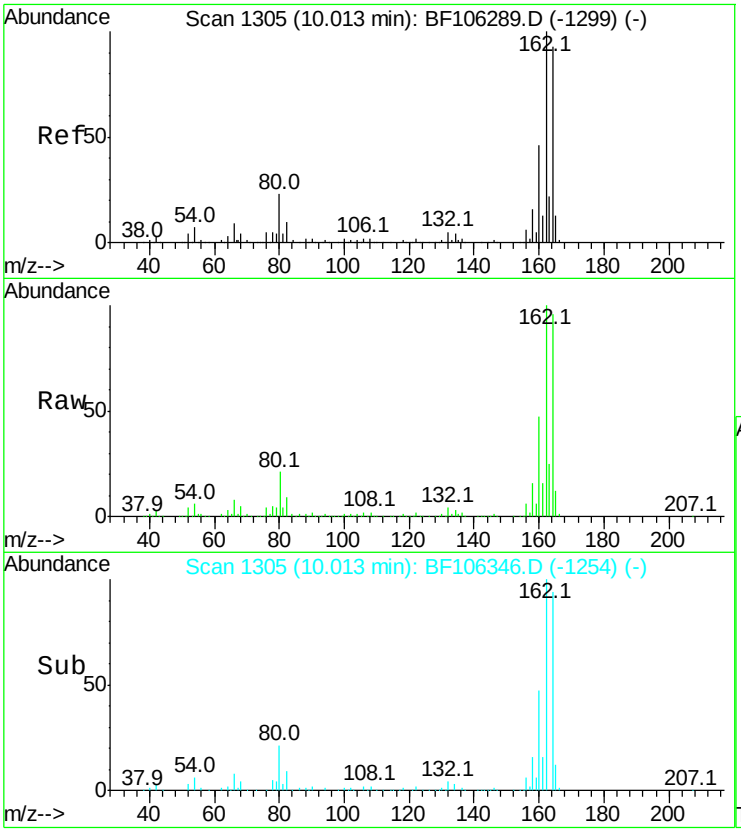


#32
Benzoic acid
Concen: 7.304 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.10 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	98.4	70.7	110.7



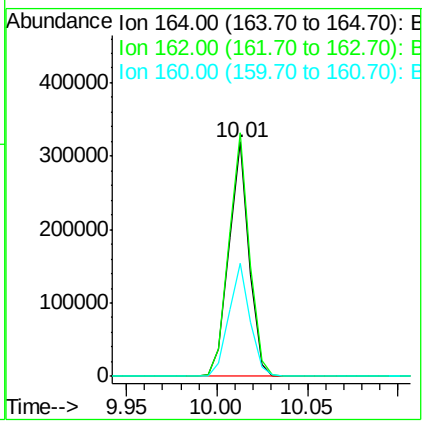


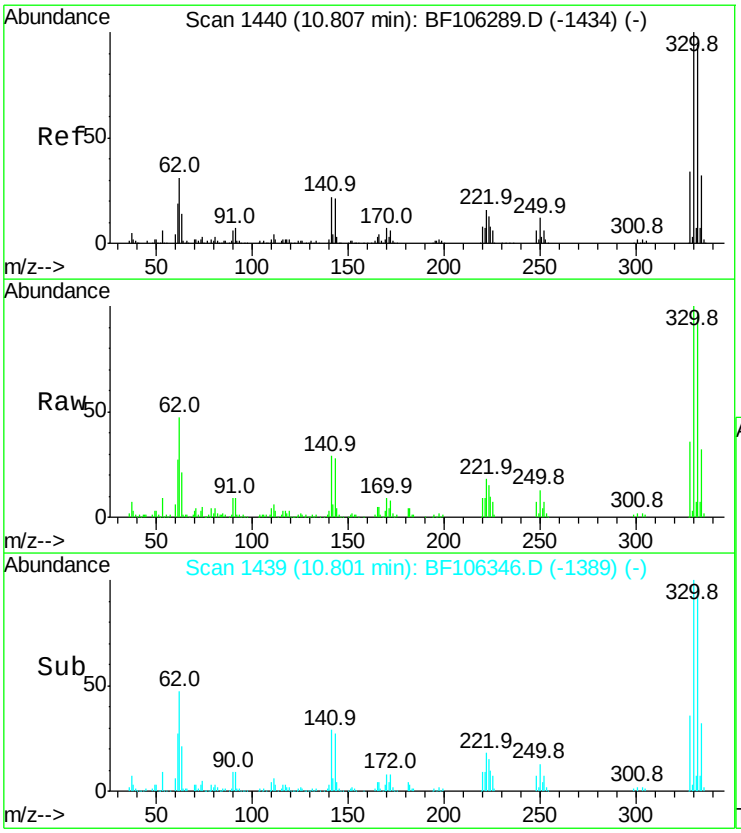
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 248275

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	48.5	38.3	57.5

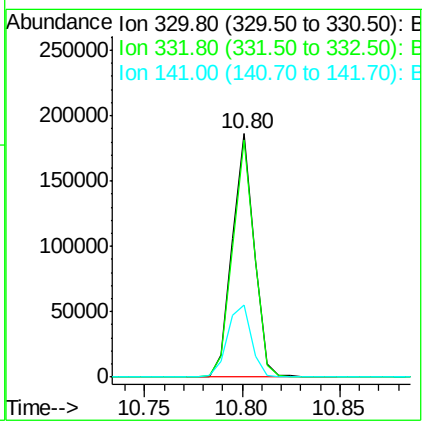


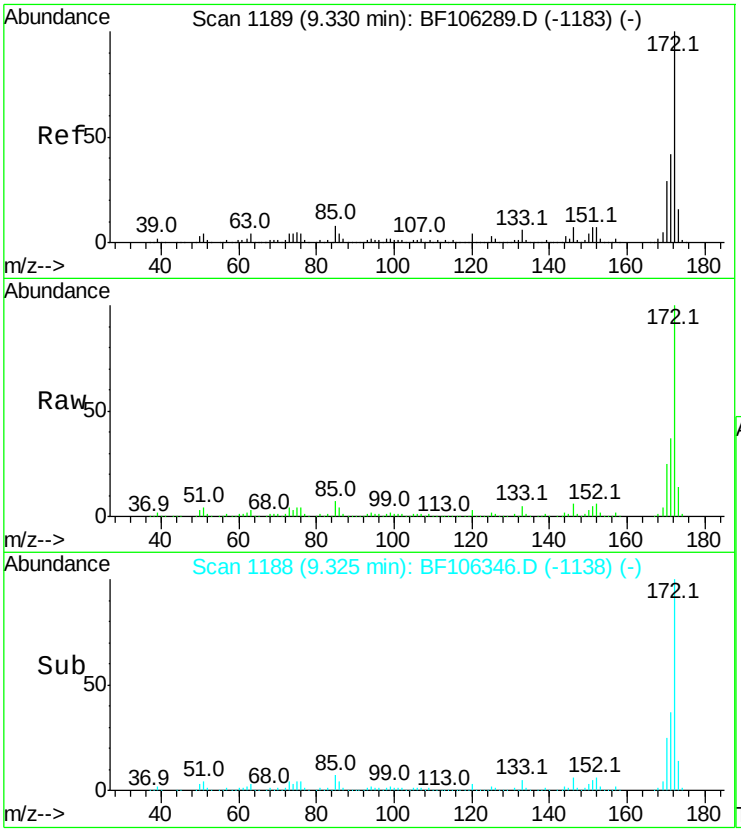


#41
2,4,6-Tribromophenol
Concen: 60.910 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:330 Resp: 145505

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	31.9	29.9	44.9



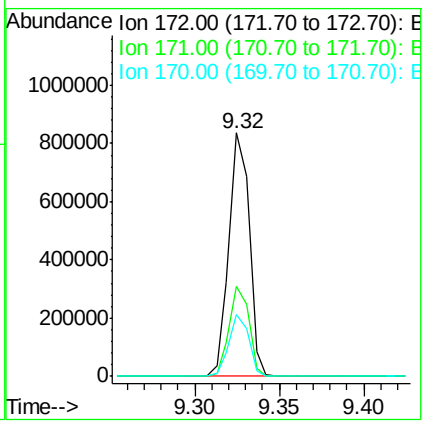


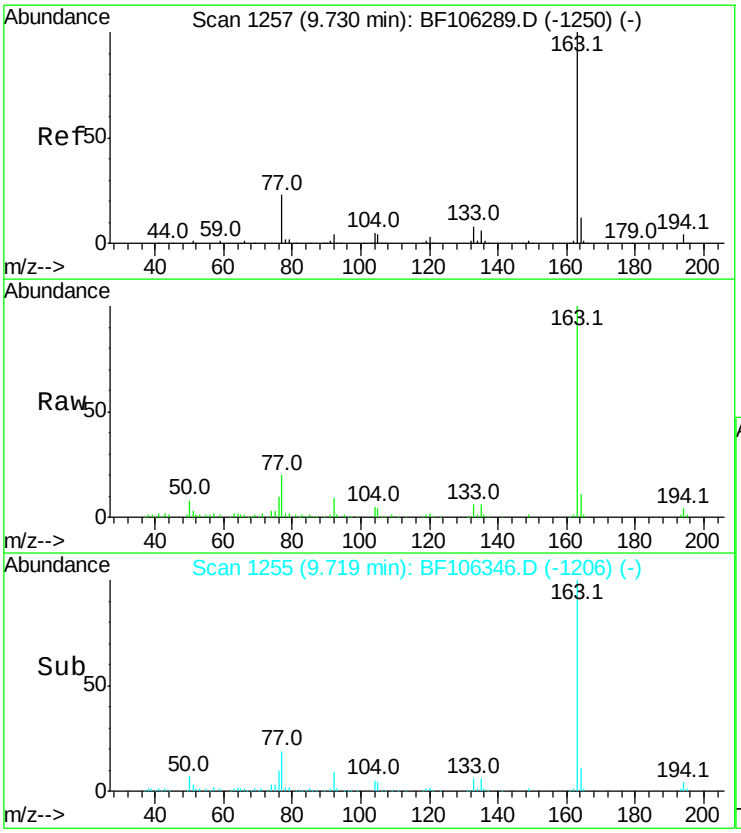
#44
2-Fluorobiphenyl
Concen: 40.871 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 698924

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.3	19.6	29.4

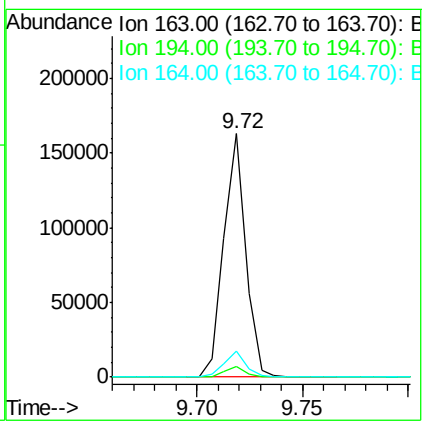


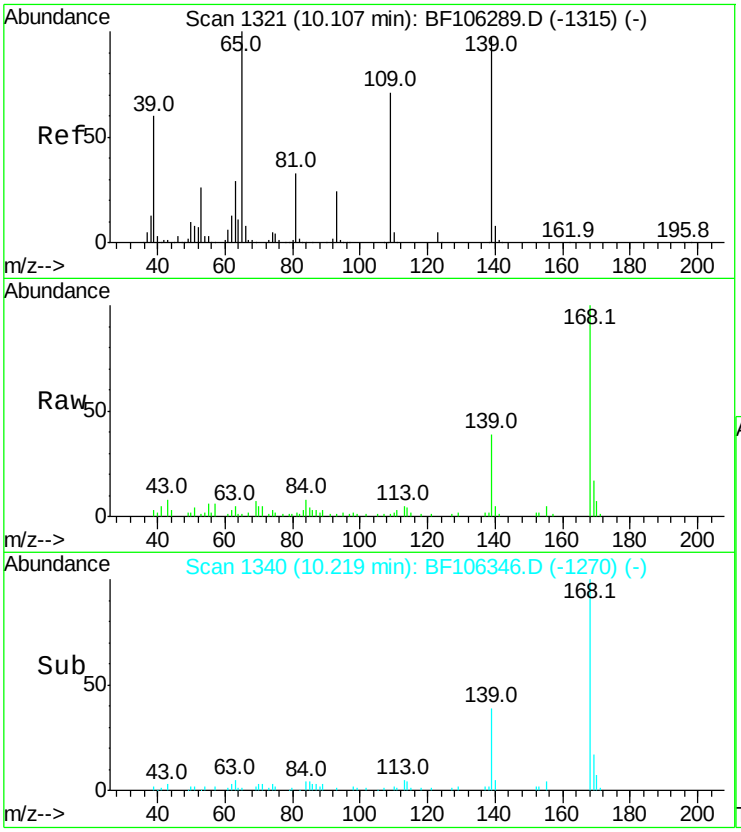


#49
Dimethylphthalate
Concen: 6.602 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:163 Resp: 117103

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.6	8.2	12.2



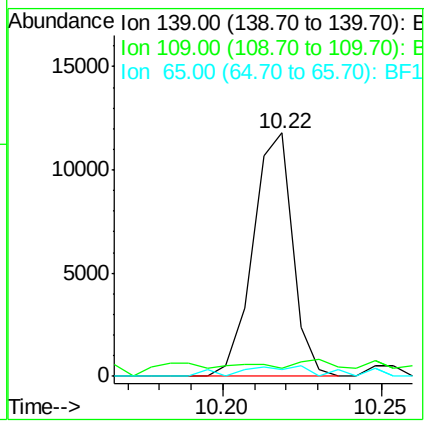


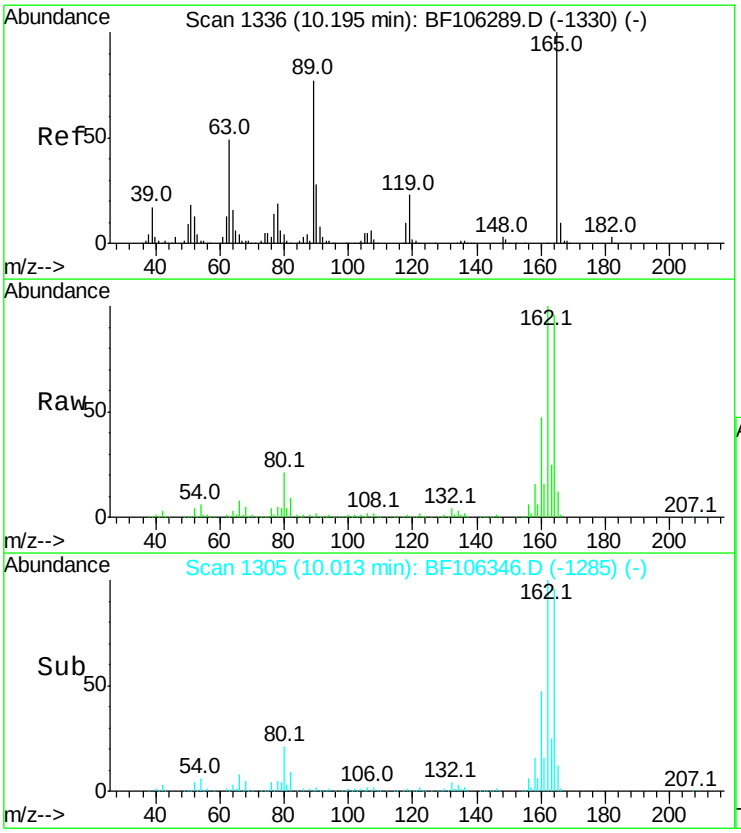
#55
4-Nitrophenol
Concen: 3.107 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.11 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 10242

Ion	Ratio	Lower	Upper
139	100		
109	3.5	48.4	88.4#
65	2.6	72.6	112.6#

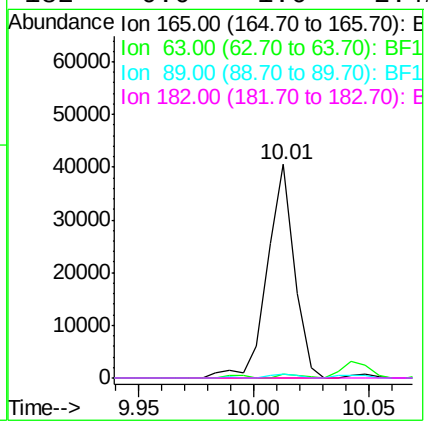


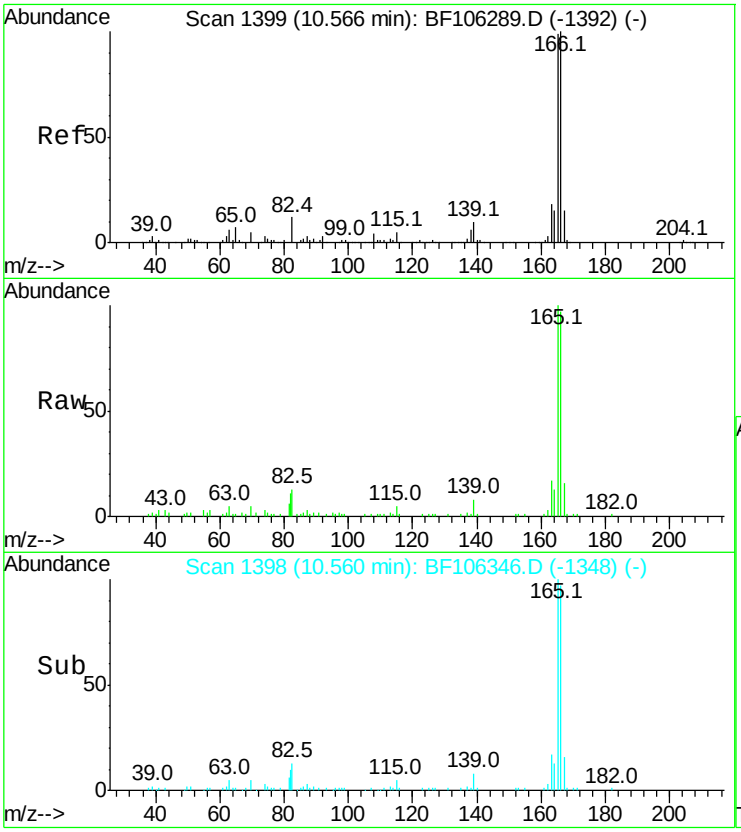


#56
2,4-Dinitrotoluene
Concen: 7.228 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:165 Resp: 32885

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



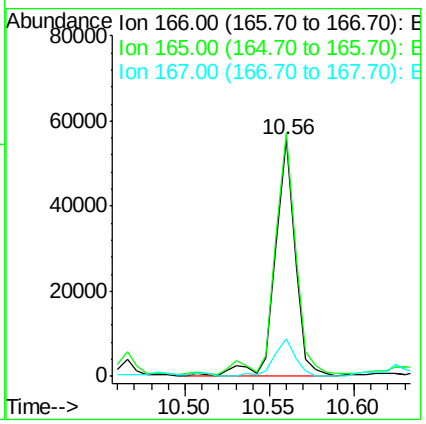


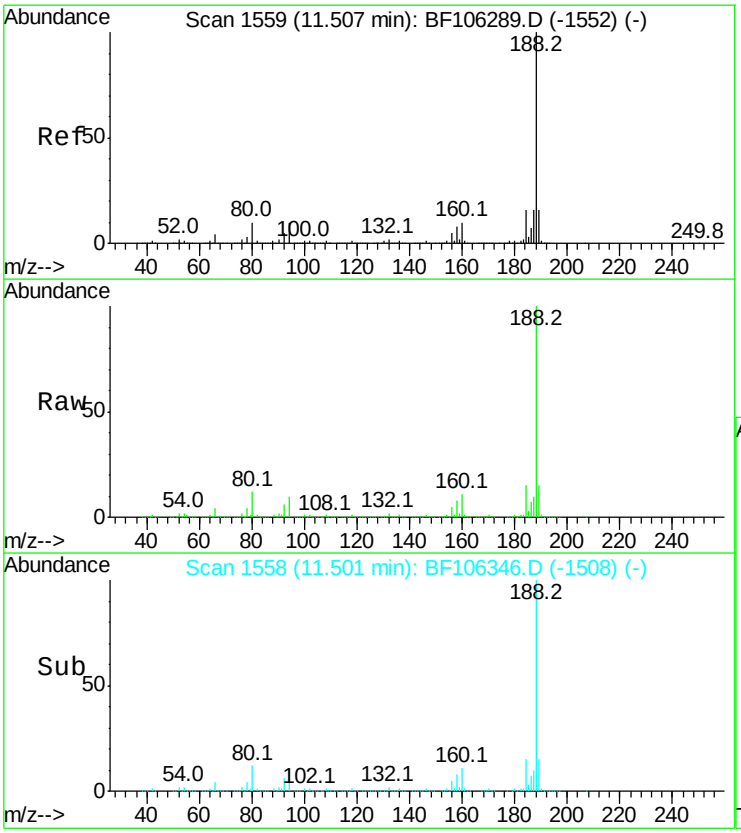
#57
Fluorene
Concen: 2.836 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 46033

Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.8	119.8
167	16.1	10.6	16.0#

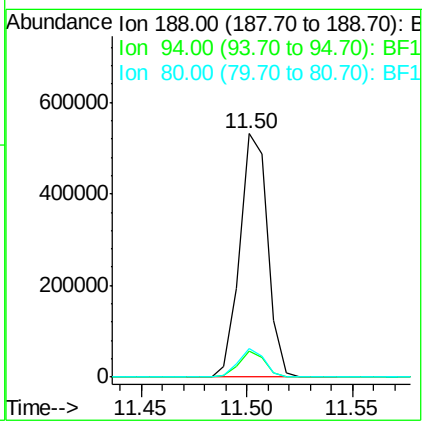


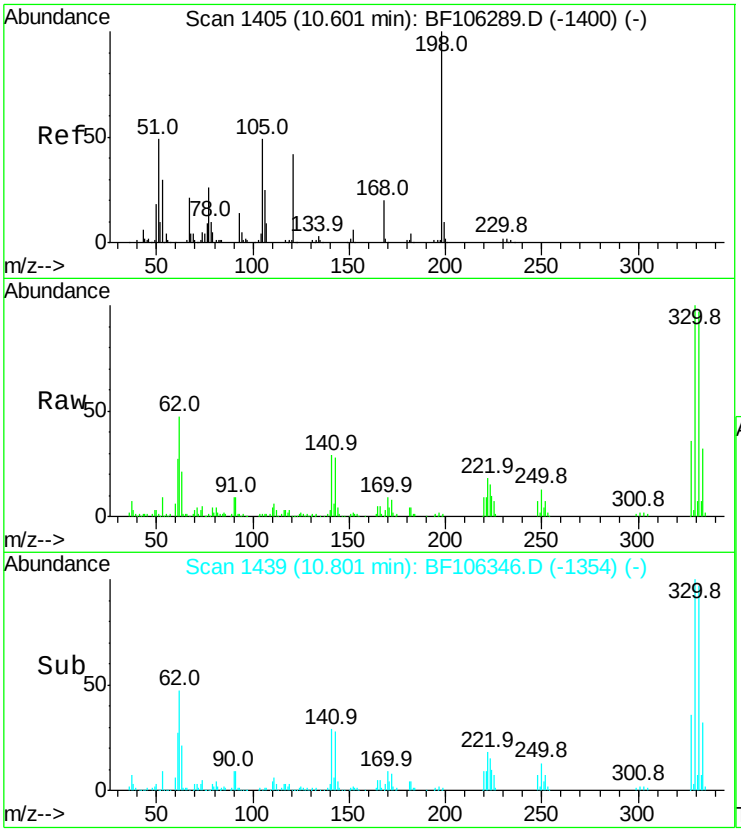


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:188 Resp: 484190

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.9	9.2	13.8



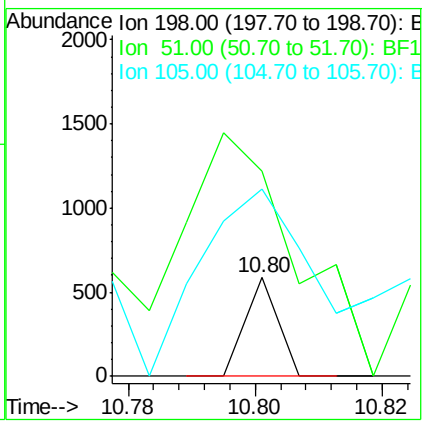


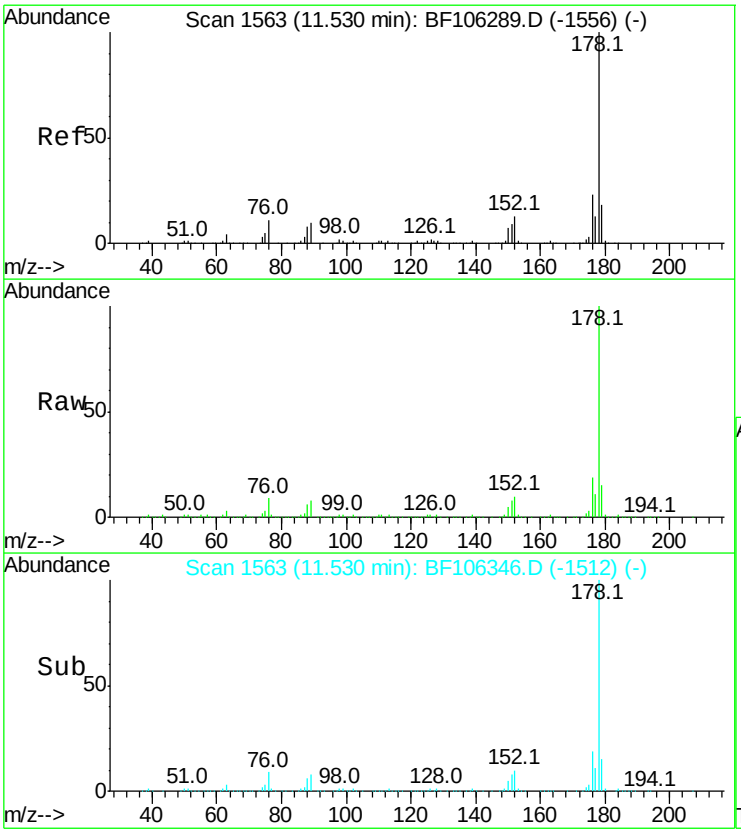
#64
4,6-Dinitro-2-methylphenol
Concen: 6.364 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 208

Ion	Ratio	Lower	Upper
198	100		
51	207.8	37.7	77.7#
105	189.6	36.3	76.3#

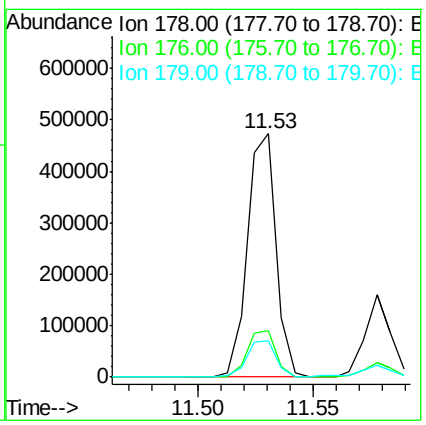


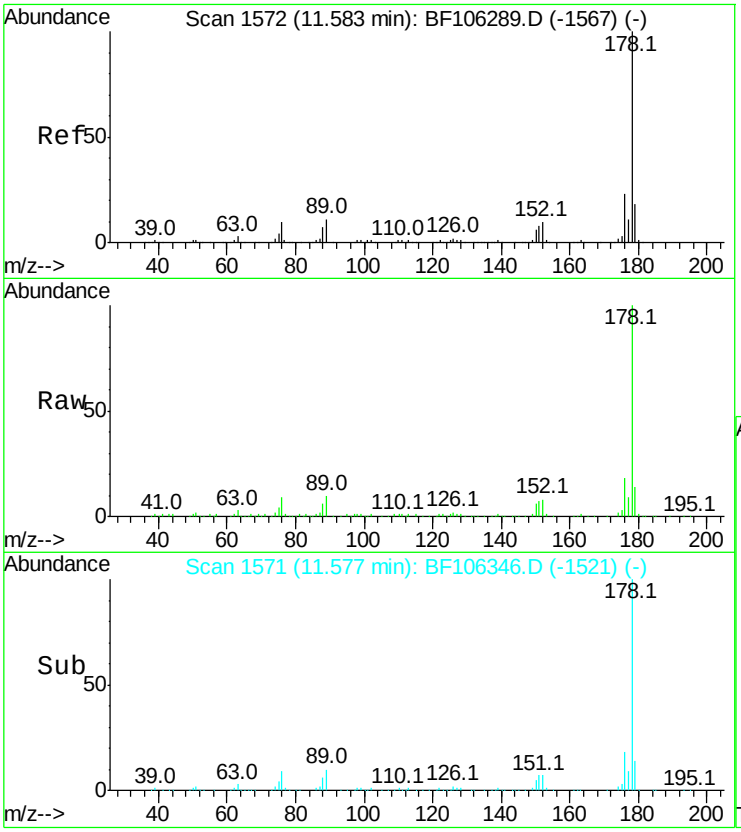


#70
Phenanthrene
Concen: 17.377 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:178 Resp: 412056

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.9	13.0	19.6



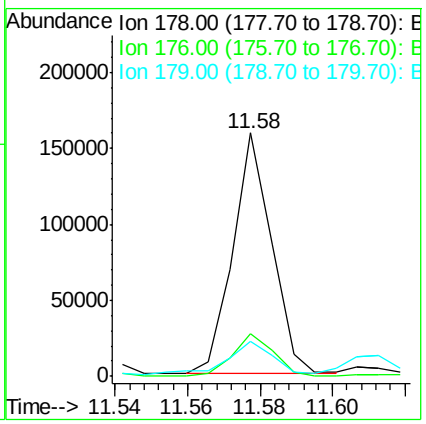


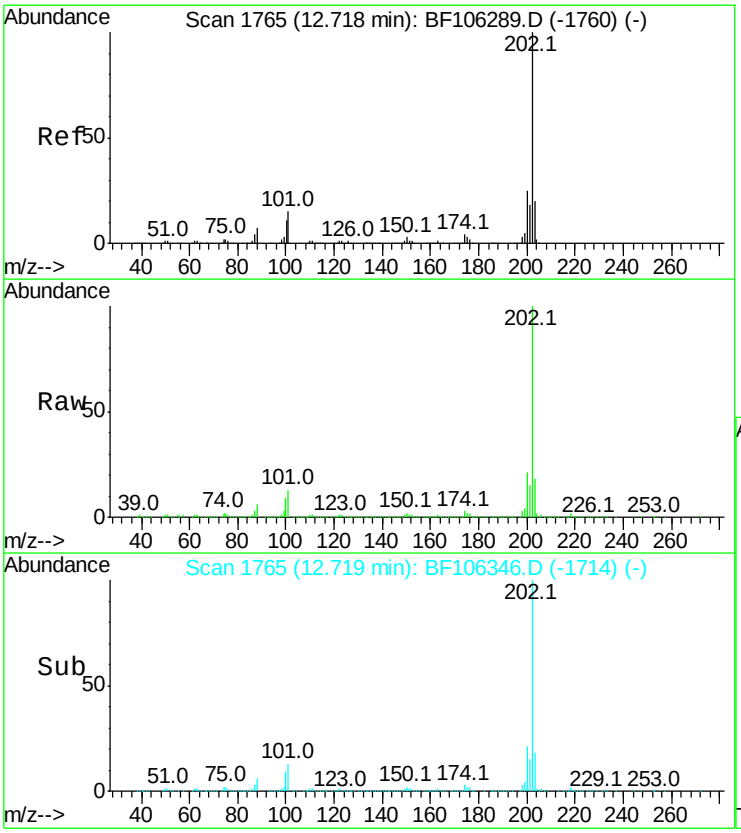
#71
Anthracene
Concen: 4.982 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 118356

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.3	12.6	19.0

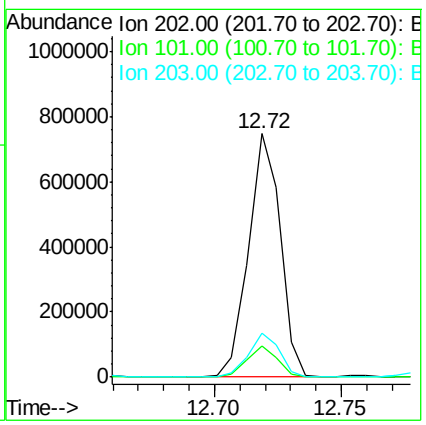


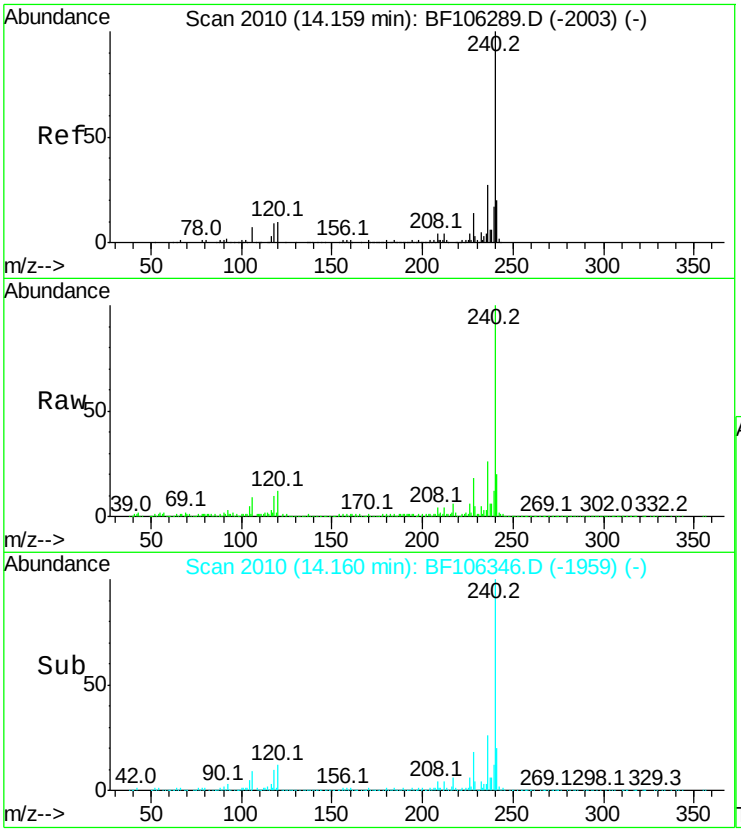


#74
Fluoranthene
Concen: 25.791 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:202 Resp: 652198

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.1	0.0	38.1



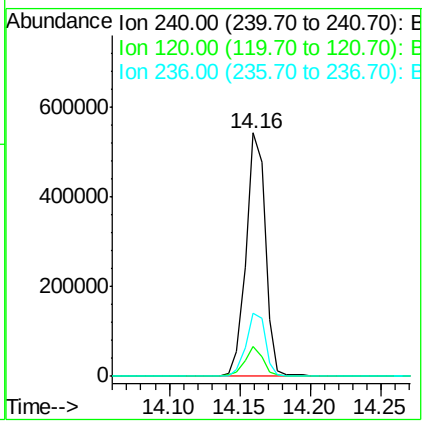


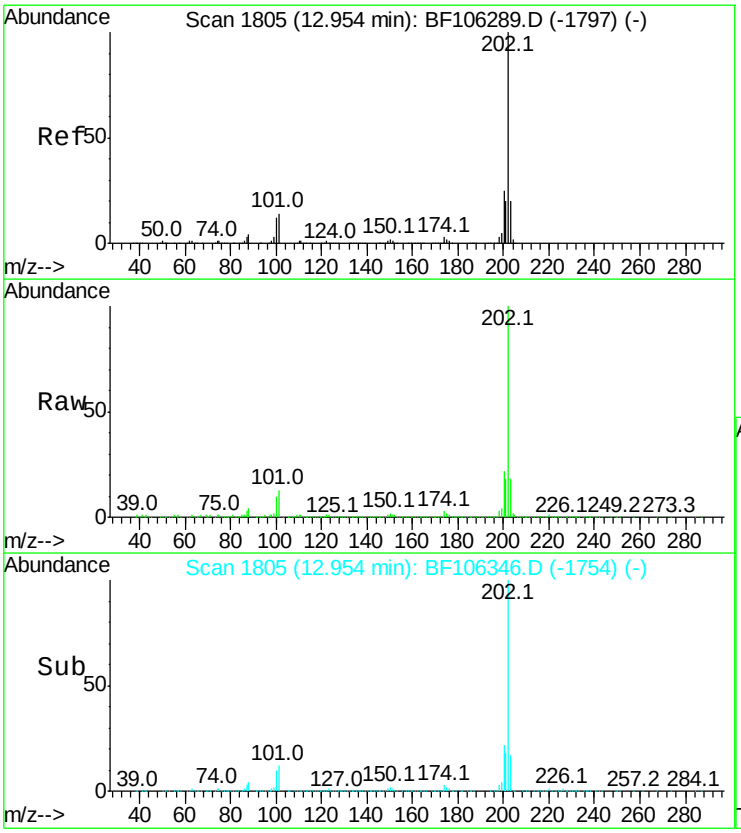
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 518601

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.2	20.7	31.1

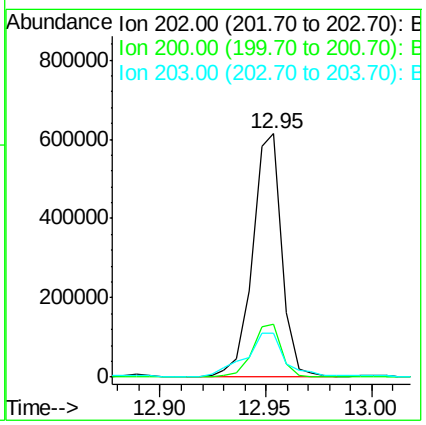


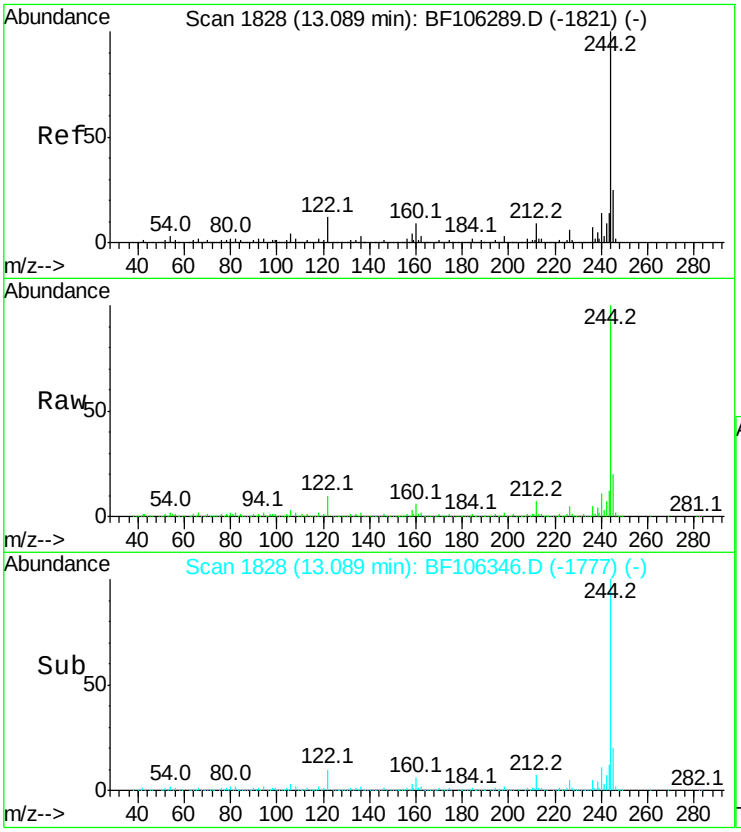


#77
Pyrene
Concen: 18.167 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:202 Resp: 589844

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.2	14.3	21.5



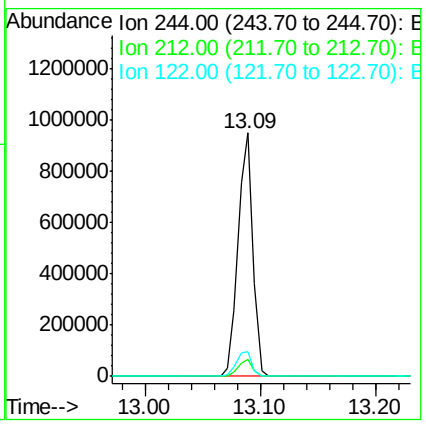


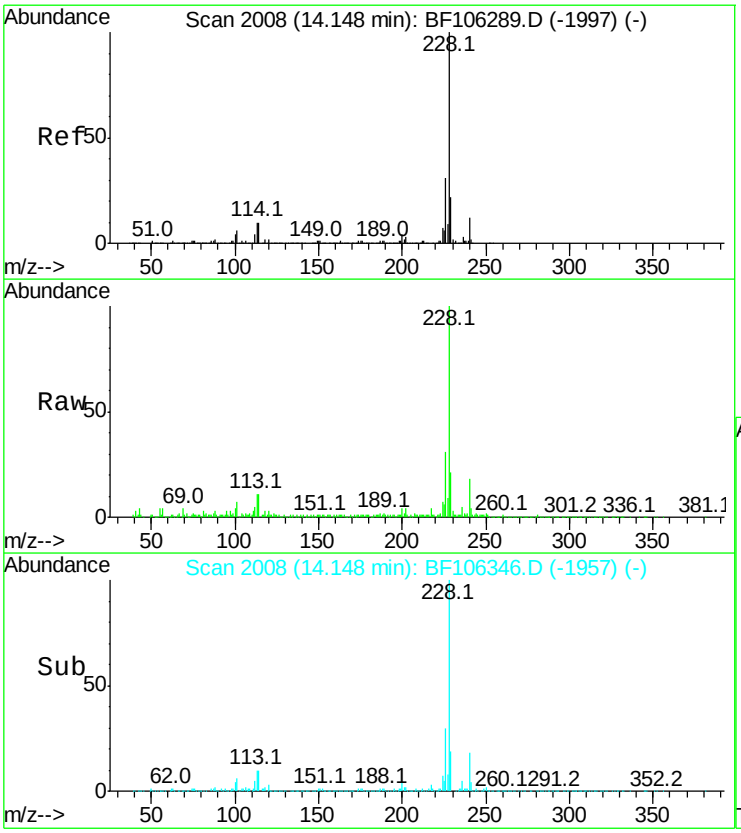
#78
Terphenyl-d14
Concen: 40.542 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 846487

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.1	11.0	16.4#

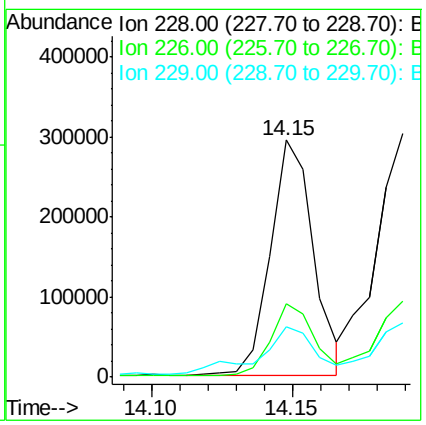


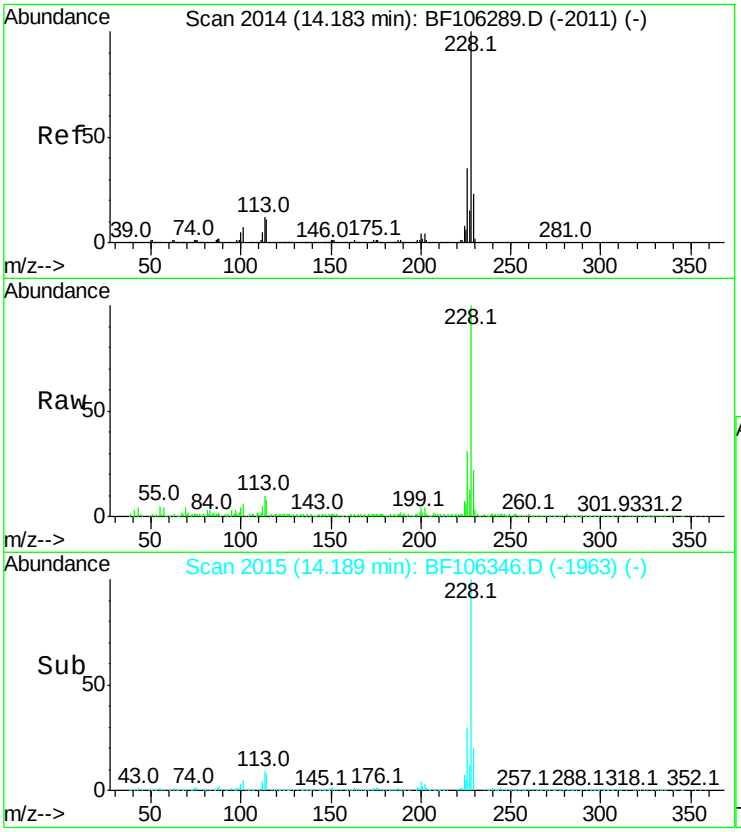


#80
Benzo(a)anthracene
Concen: 10.019 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:228 Resp: 309192

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	21.3	15.8	23.6



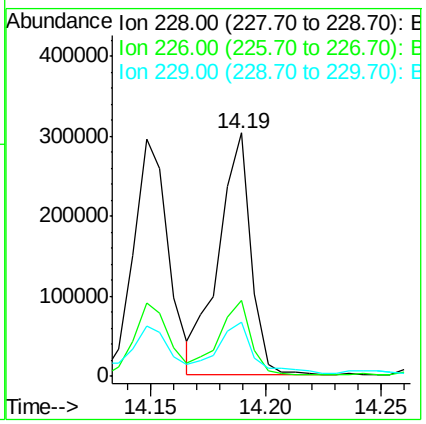


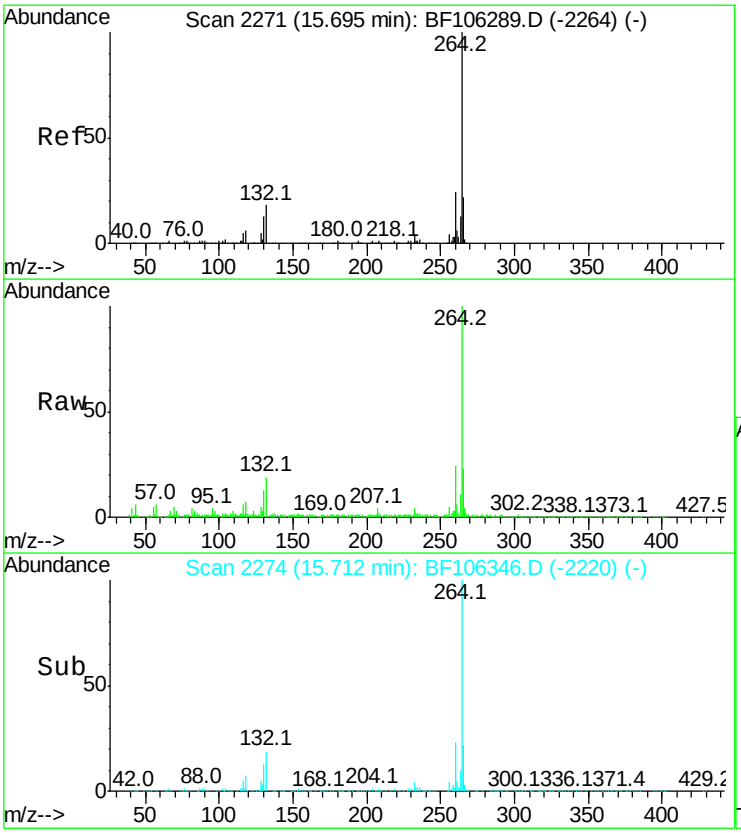
#82
Chrysene
Concen: 10.399 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 293015

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.1	16.2	24.4

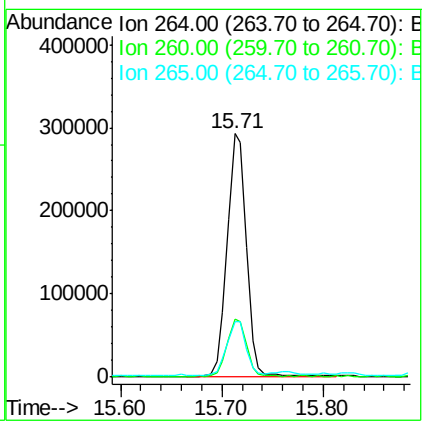


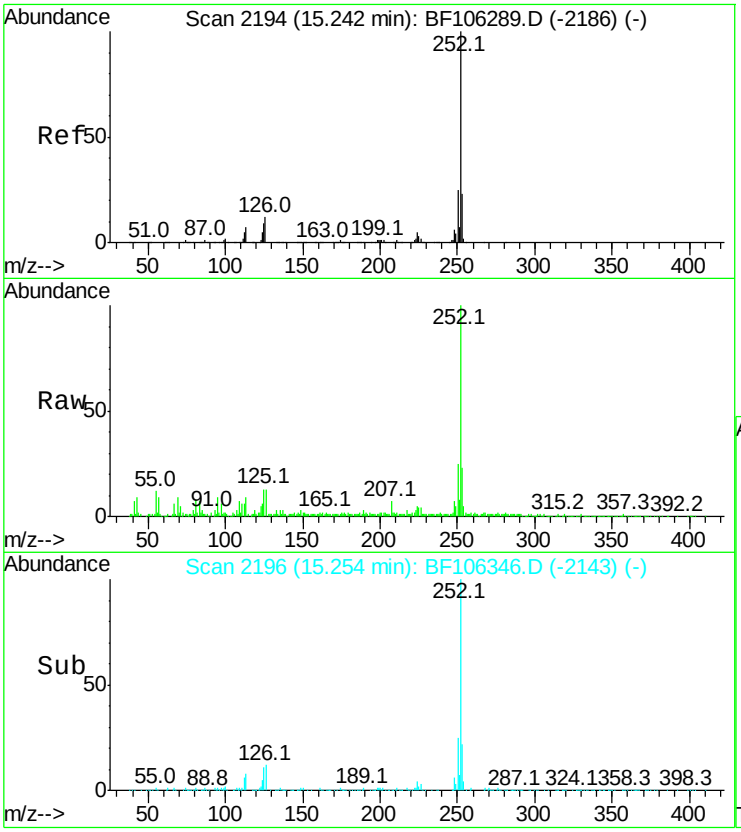


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:264 Resp: 384040

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.0	17.5	26.3



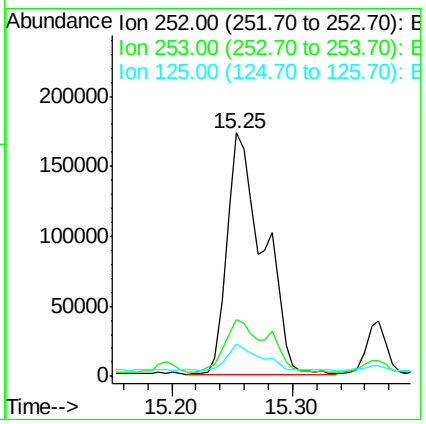


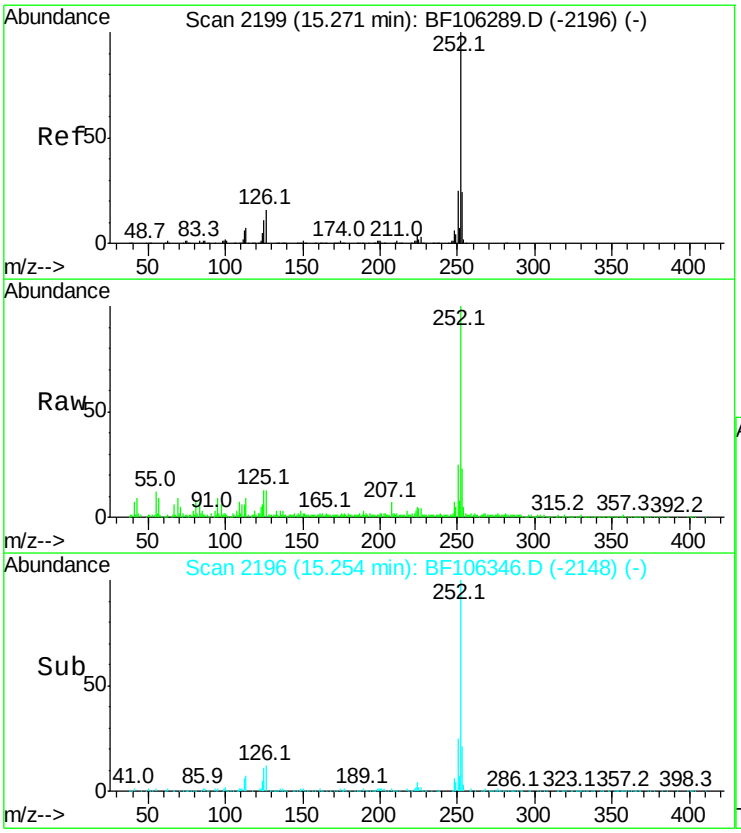
#87
Benzo(b)fluoranthene
Concen: 15.540 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 360763

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	13.4	9.0	13.6

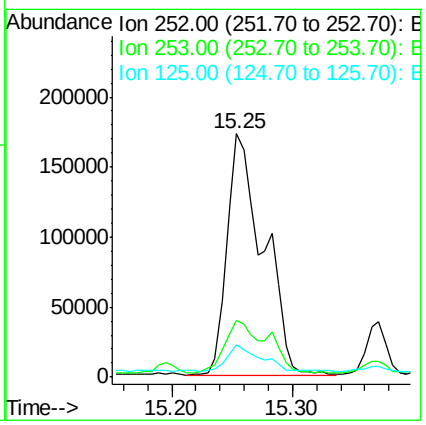


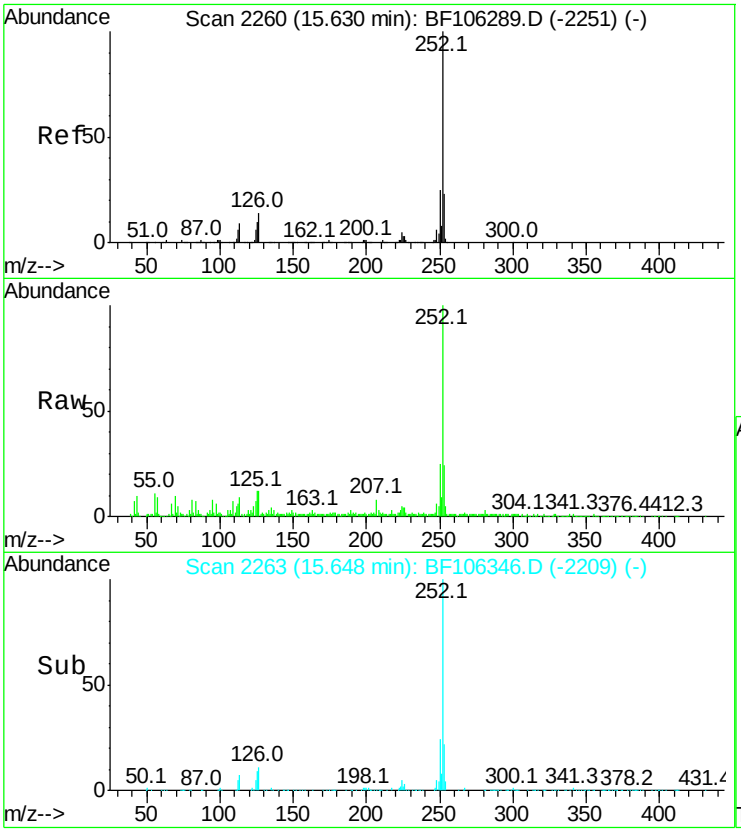


#88
Benzo(k)fluoranthene
Concen: 15.691 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:252 Resp: 360763

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	13.4	10.2	15.2



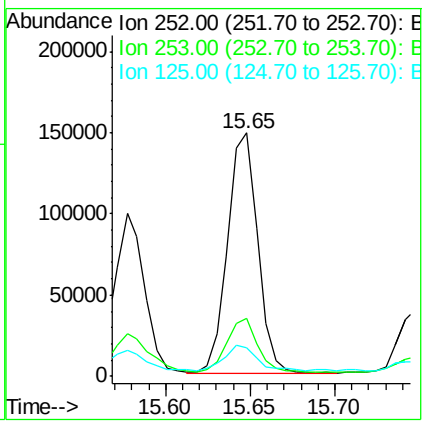


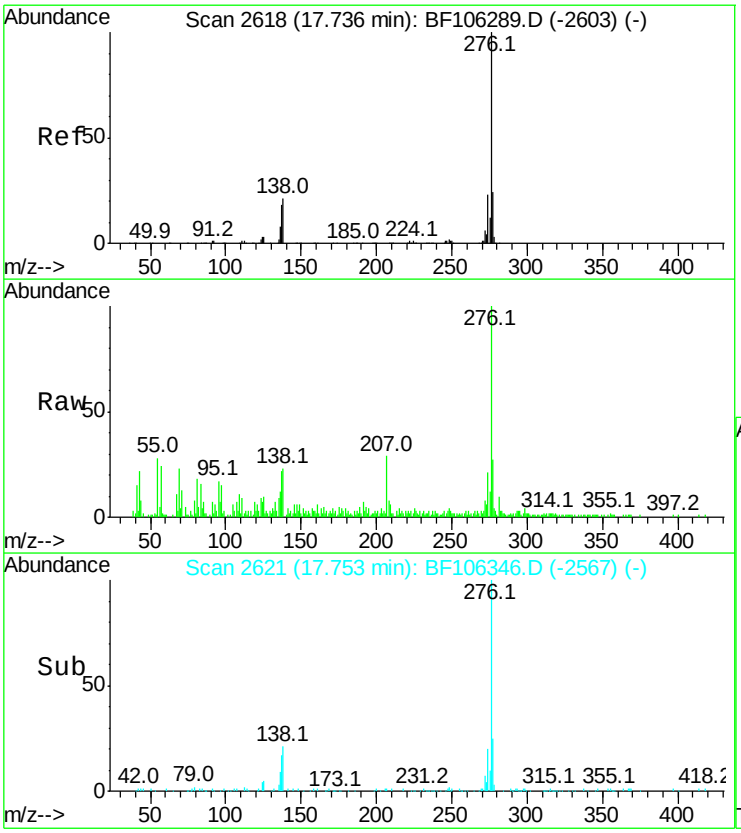
#89
Benzo(a)pyrene
Concen: 8.840 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 184581

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	11.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.016 ng
RT: 17.75 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF106346.D
Acq: 12 Jun 2018 16:00

Tgt Ion:276 Resp: 84864

Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	23.3	21.8	32.8