Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106682.D
Acq On : 22 Jun 2018 00:56
Operator : JU/SJ
Sample : J3523-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 03:25:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58189	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	209243	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	95263	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	194055	20.00	ng		0.00
75) Chrysene-d12	14.15	240	166819	20.00	ng		0.00
86) Perylene-d12	15.69	264	121129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	43056	12.53	ng		0.00
7) Phenol-d6	6.60	99	103038	24.01	ng		0.00
23) Nitrobenzene-d5	7.52	82	59467	15.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	2342	2.12	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	117644	7.44	ng		-0.01
78) Terphenyl-d14	13.08	244	150690	21.88	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.71	163	19775	2.768	ng	#	96
50) 2,6-Dinitrotoluene	10.00	165	12776	8.444	ng	#	24
51) Acenaphthene	10.04	154	12711	2.139	ng		98
55) 4-Nitrophenol	10.21	139	4848	3.989	ng	#	12
56) 2,4-Dinitrotoluene	10.00	165	12776	6.469	ng	#	21
57) Fluorene	10.55	166	20233	3.134	ng		97
70) Phenanthrene	11.52	178	190550	20.359	ng		100
71) Anthracene	11.57	178	66284	6.938	ng		97
74) Fluoranthene	12.71	202	227020	22.006	ng		97
77) Pyrene	12.95	202	201712	18.337	ng		99
80) Benzo(a)anthracene	14.14	228	88791	8.733	ng		98
82) Chrysene	14.18	228	79505	8.500	ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	22698	3.925	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	26285	3.311	ng	#	85
87) Benzo(b)fluoranthene	15.23	252	91780	12.198	ng	#	92
88) Benzo(k)fluoranthene	15.23	252	91780	12.809	ng		95
89) Benzo(a)pyrene	15.62	252	47818	7.149	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	26836	4.843	ng		91

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

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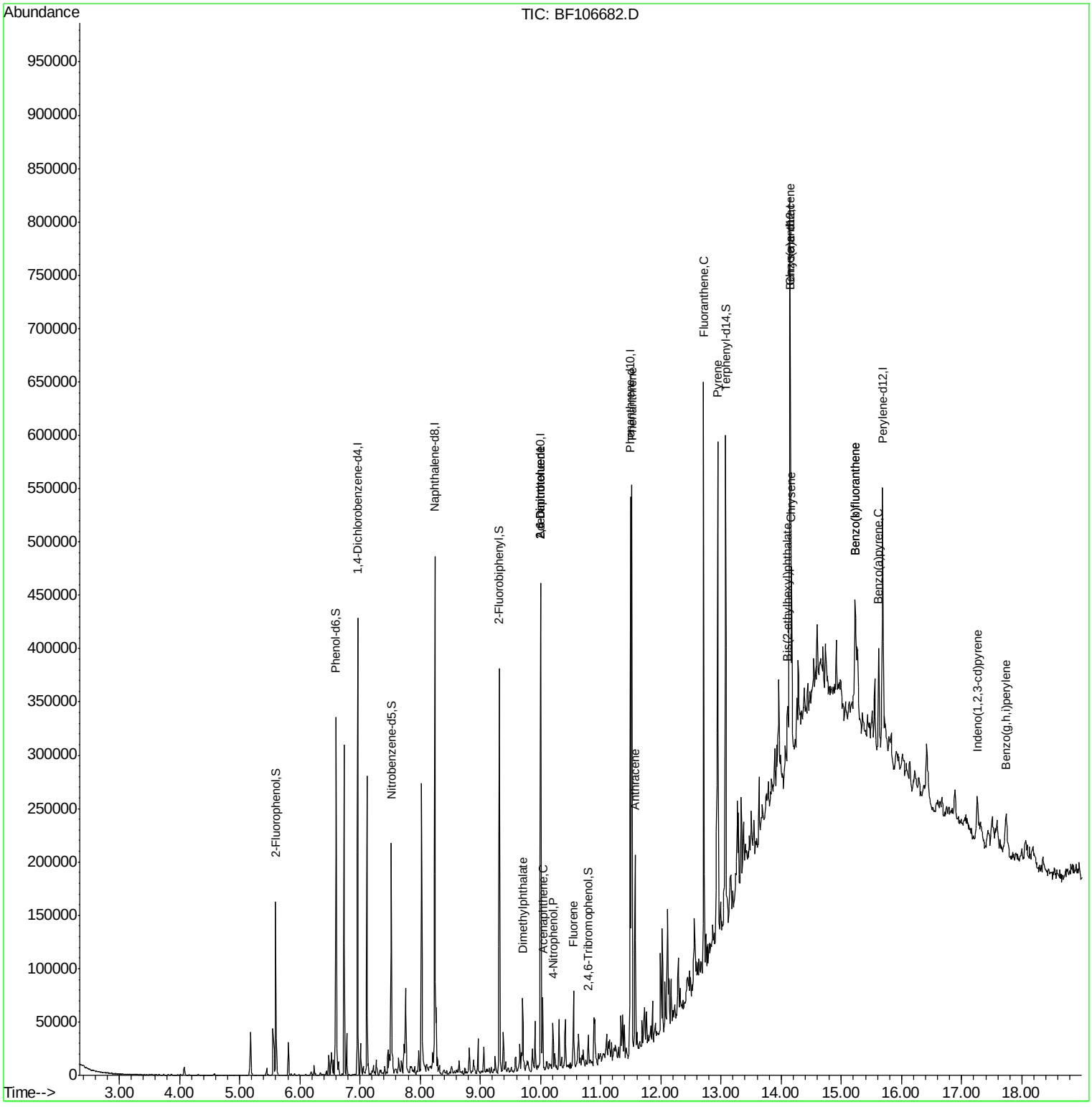
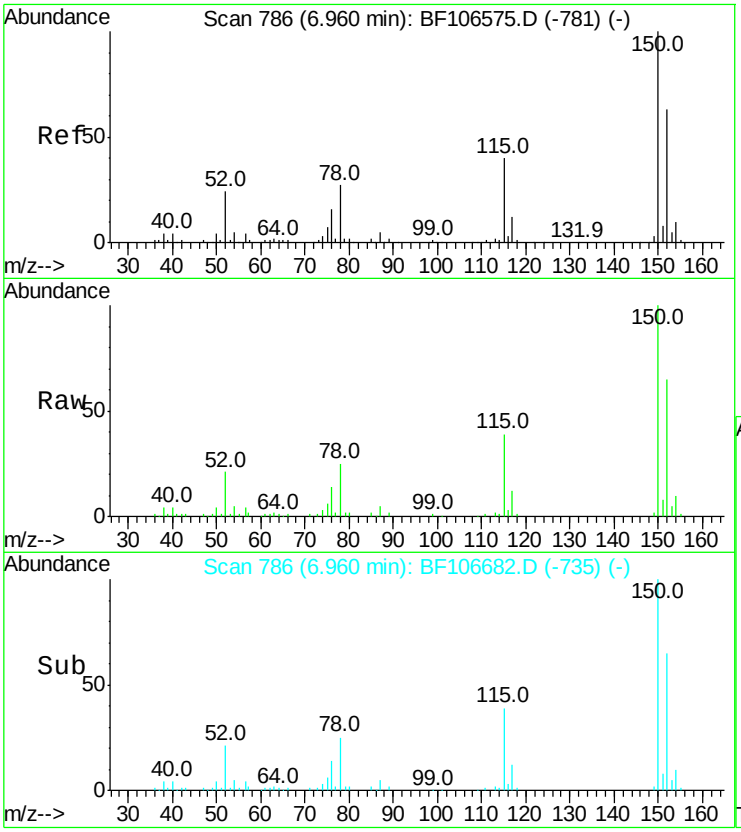


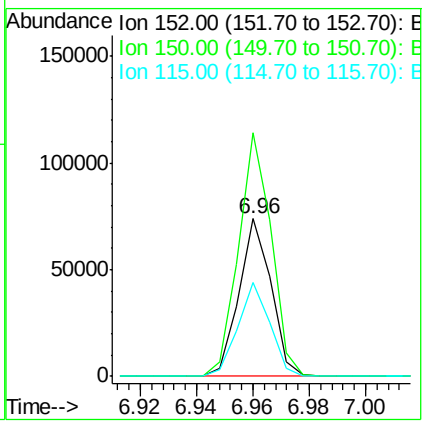


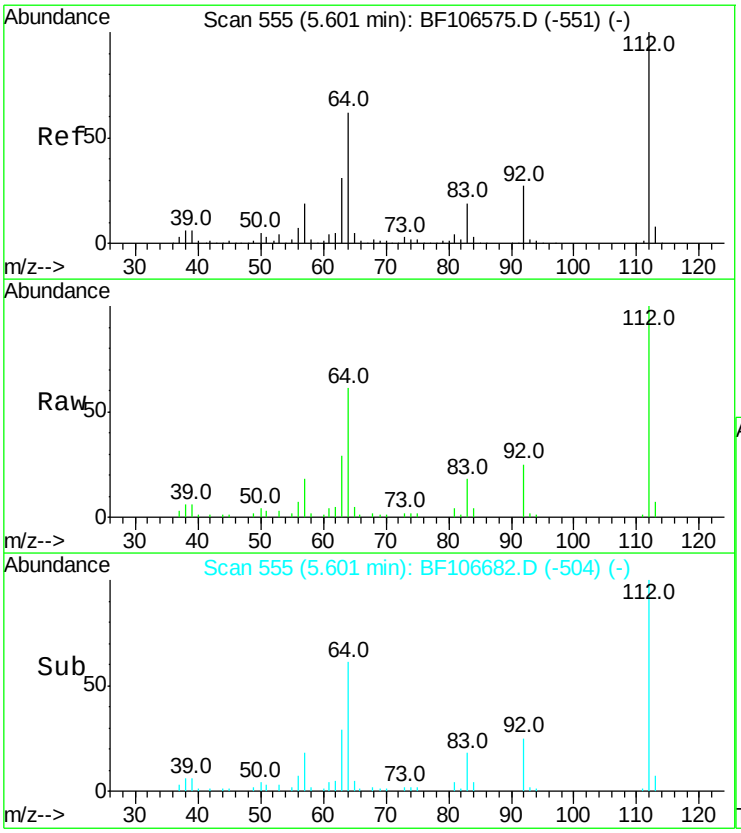
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58189

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.6	50.1	75.1

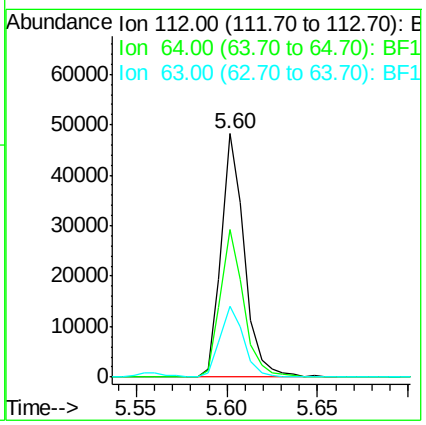


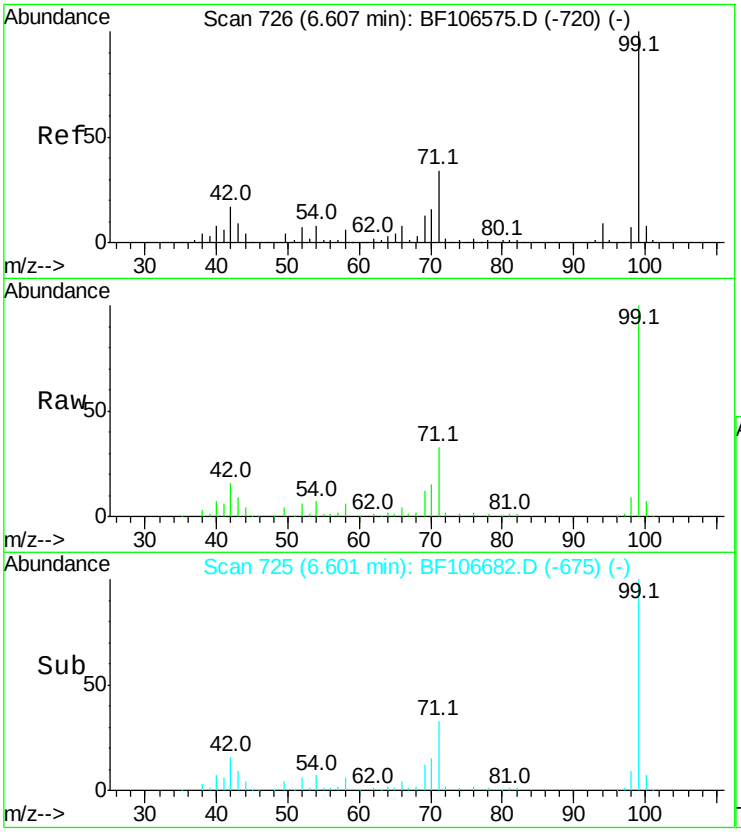


#5
2-Fluorophenol
Concen: 12.529 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:112 Resp: 43056

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	28.9	23.7	35.5



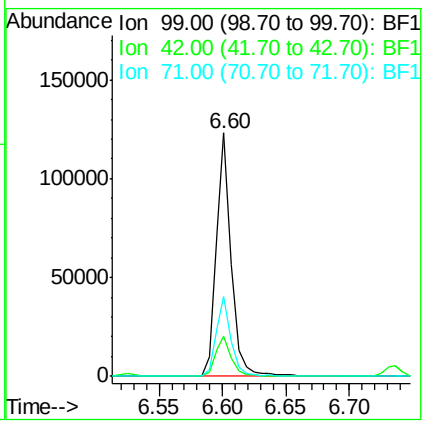


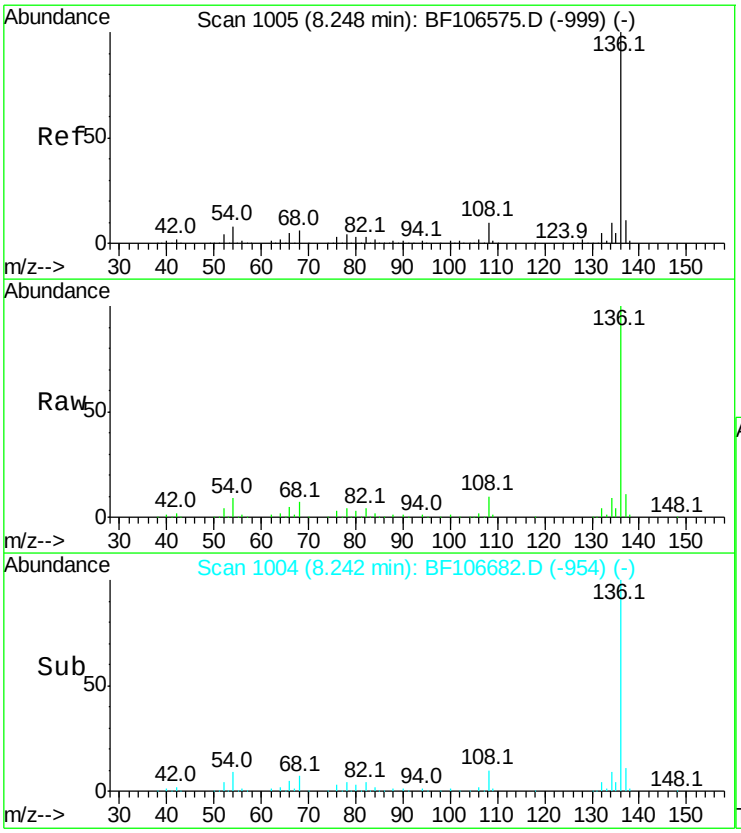
#7
Phenol-d6
Concen: 24.010 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 103038

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	32.8	25.4	38.0

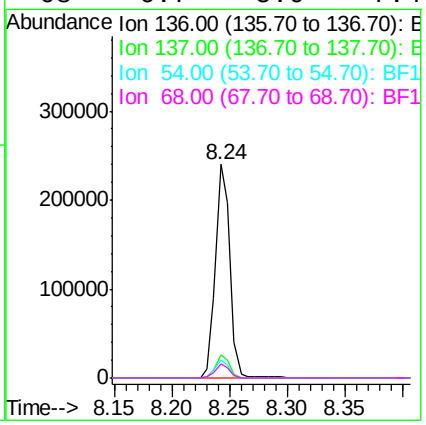


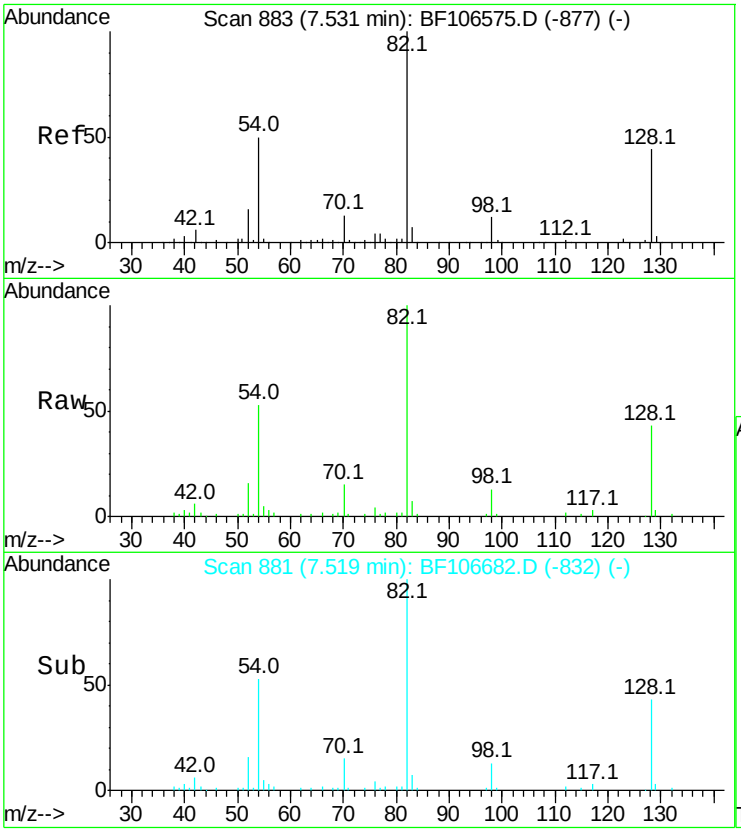


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:136 Resp: 209243

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4



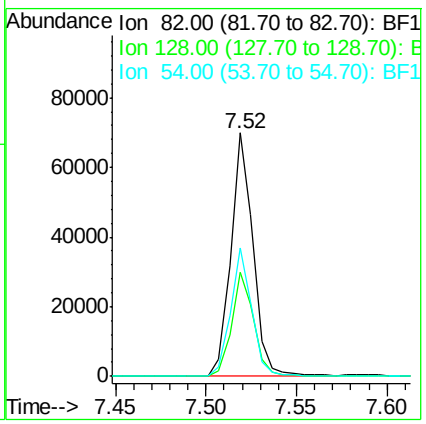


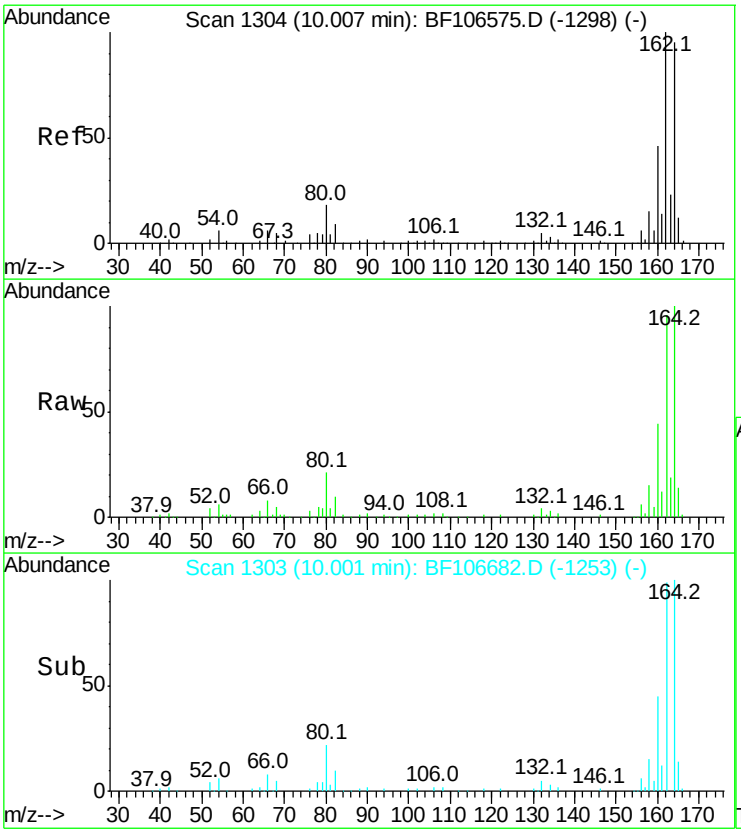
#23
Nitrobenzene-d5
Concen: 15.794 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 59467

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	53.0	41.4	62.2

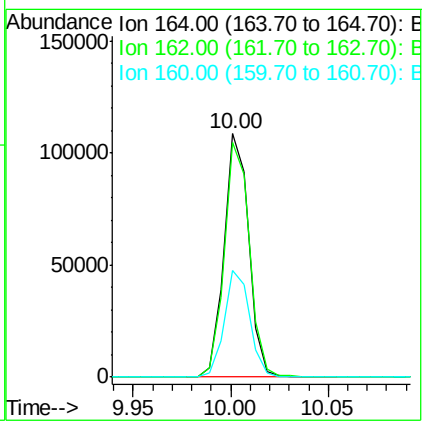


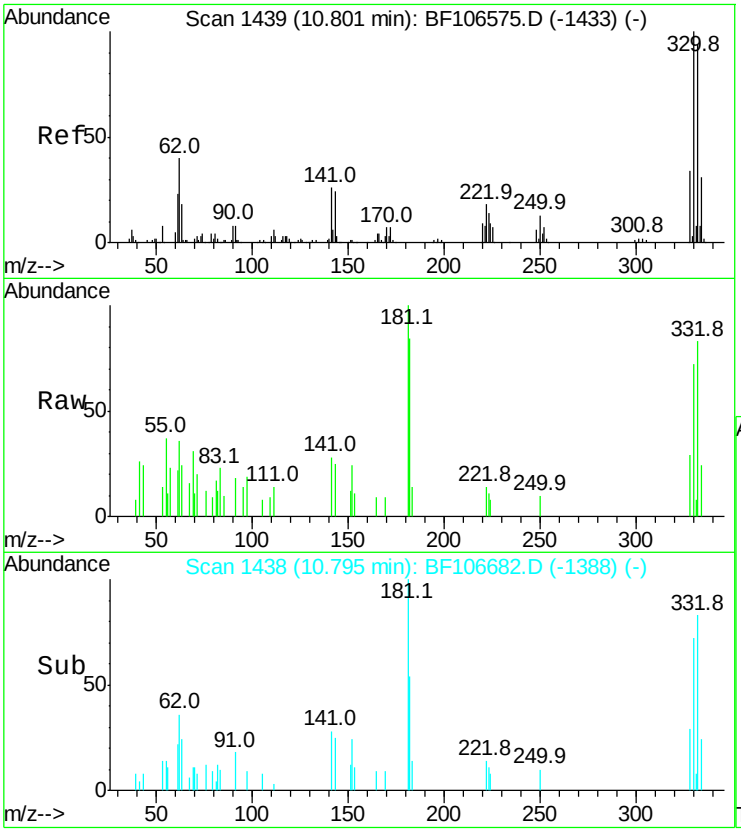


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:164 Resp: 95263

Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	44.0	38.3	57.5



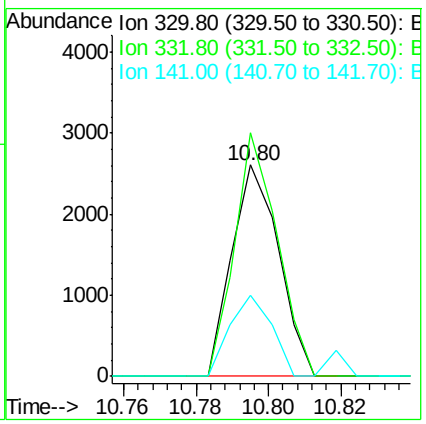


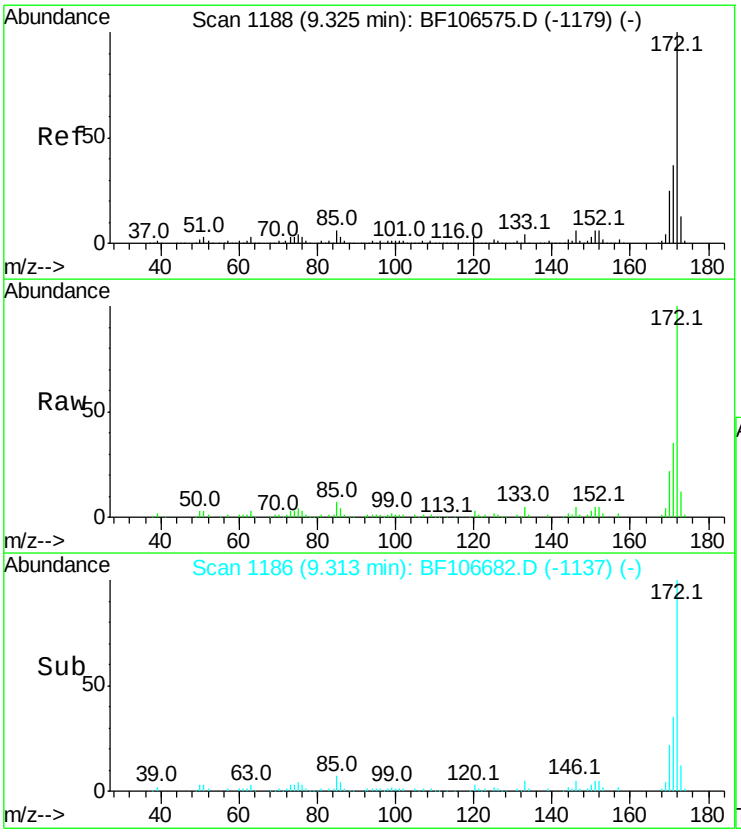
#41
2,4,6-Tribromophenol
Concen: 2.121 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 2342

Ion	Ratio	Lower	Upper
330	100		
332	105.0	77.0	115.6
141	34.3	29.9	44.9

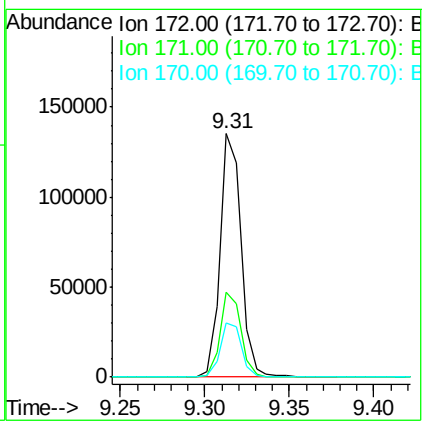


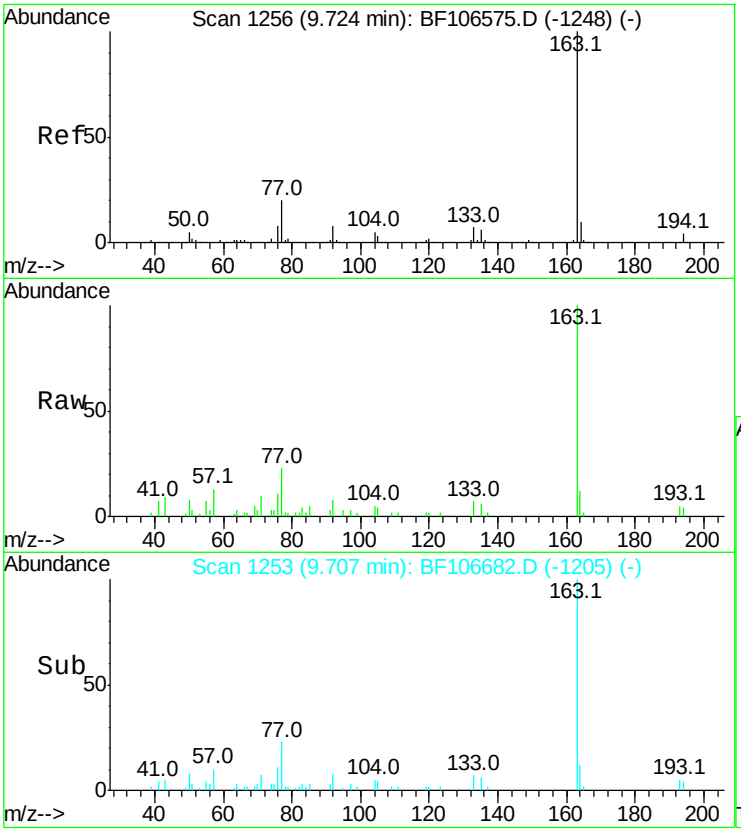


#44
2-Fluorobiphenyl
Concen: 7.444 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:172 Resp: 117644

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.4	19.6	29.4



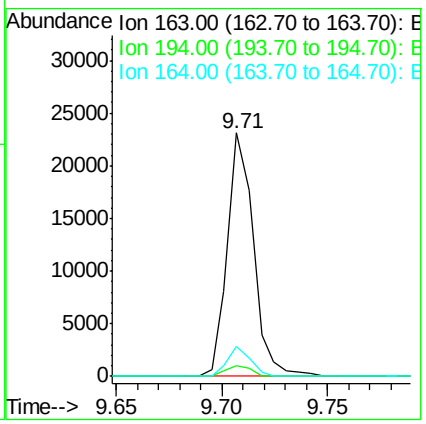


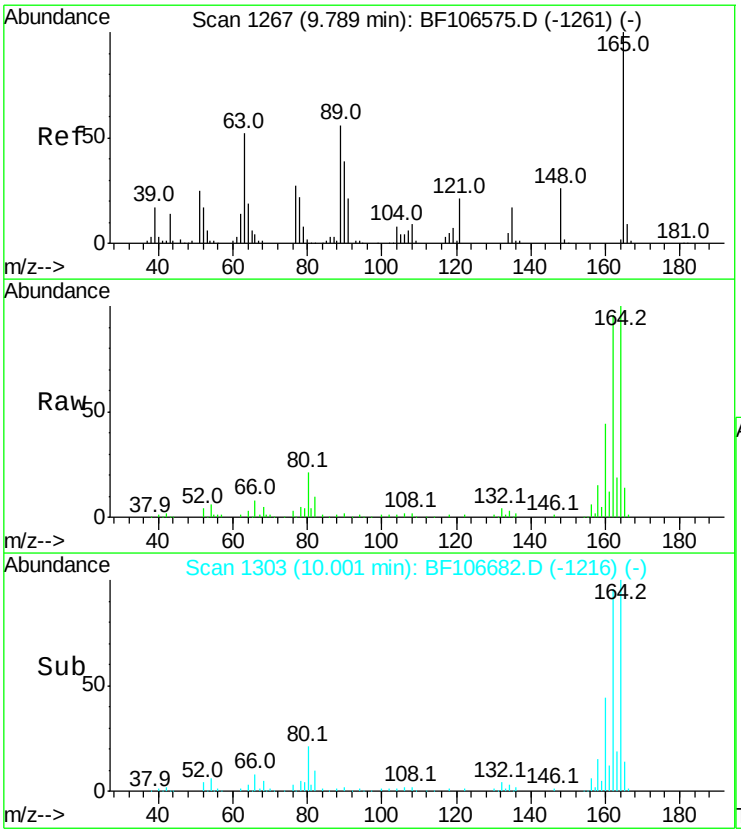
#49
Dimethylphthalate
Concen: 2.768 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19775

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	12.0	8.2	12.2

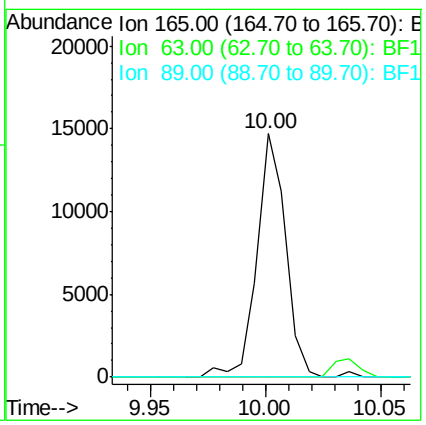


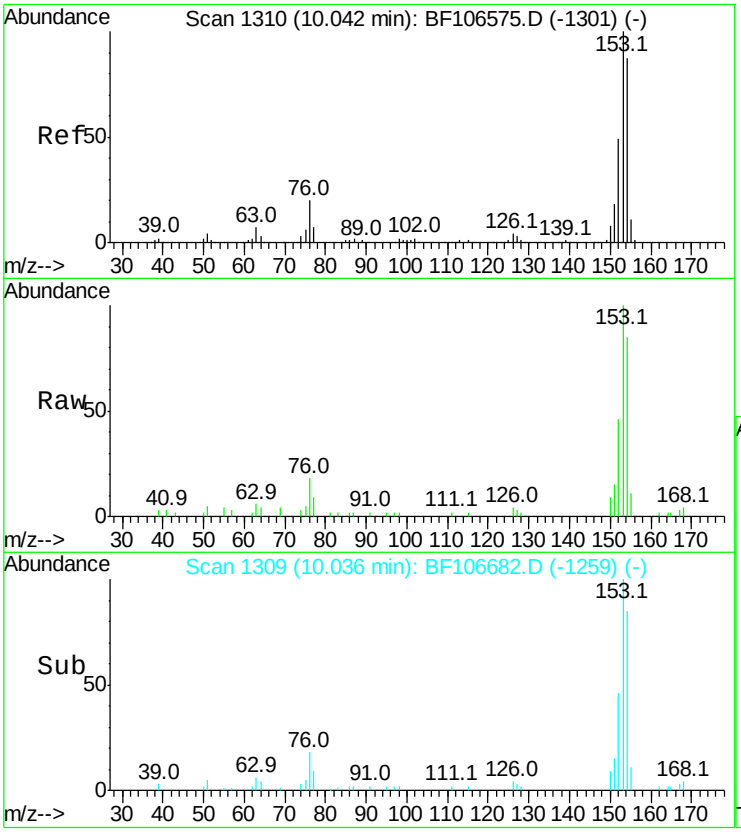


#50
2,6-Dinitrotoluene
Concen: 8.444 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:165 Resp: 12776

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



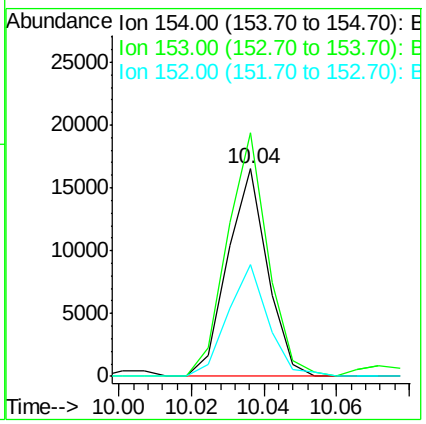


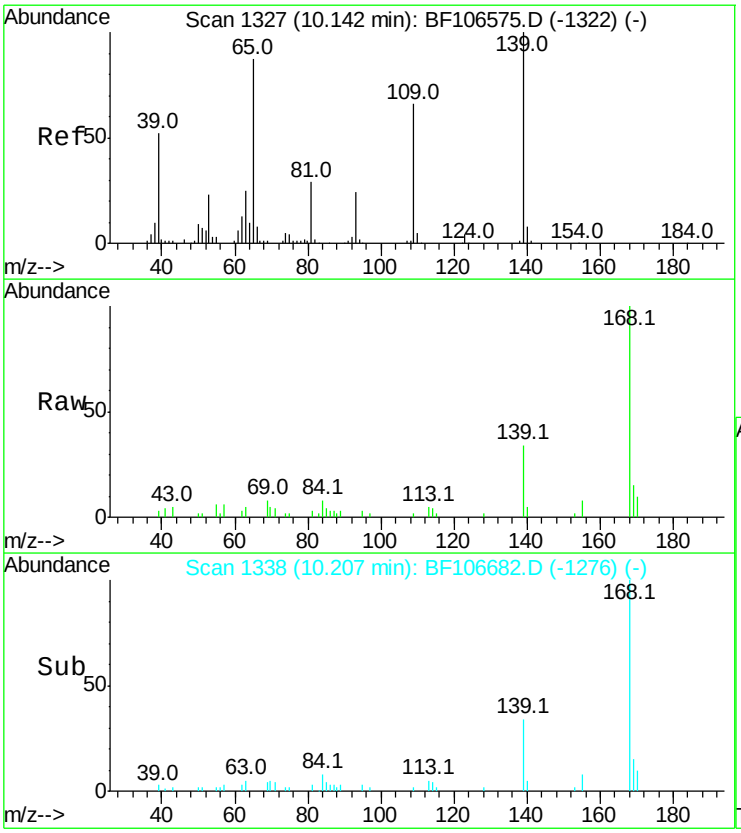
#51
Acenaphthene
Concen: 2.139 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 12711

Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.2	136.8
152	54.2	43.8	65.8

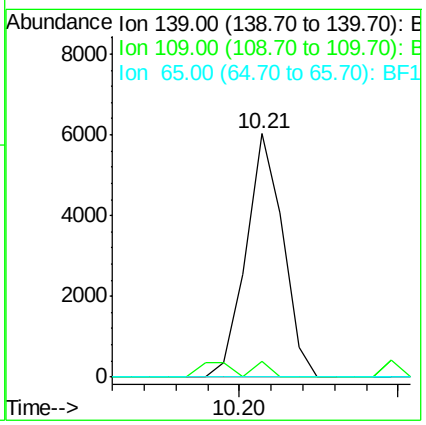


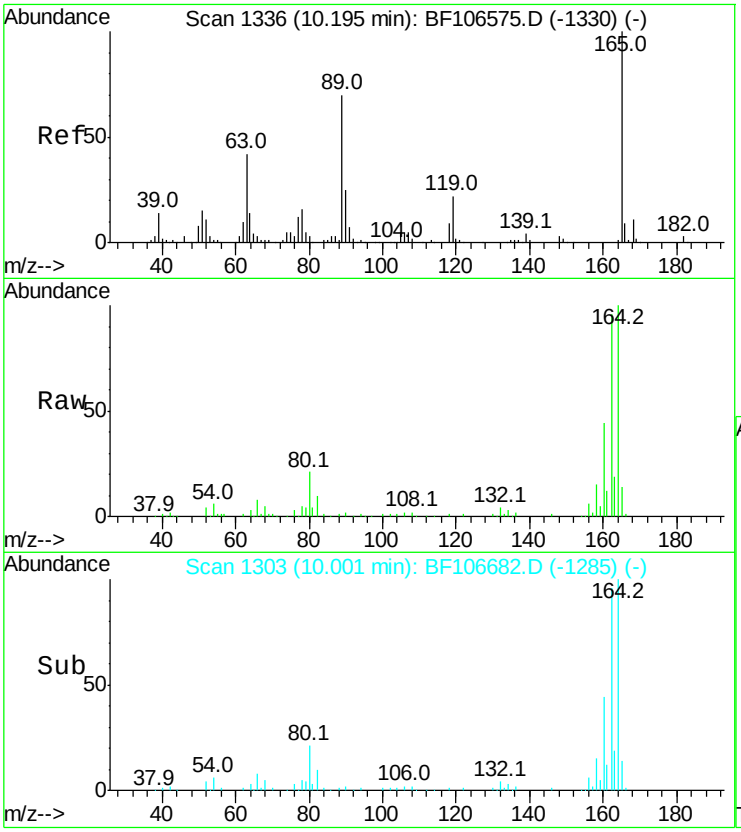


#55
4-Nitrophenol
Concen: 3.989 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:139 Resp: 4848

Ion	Ratio	Lower	Upper
139	100		
109	6.5	48.4	88.4#
65	0.0	72.6	112.6#



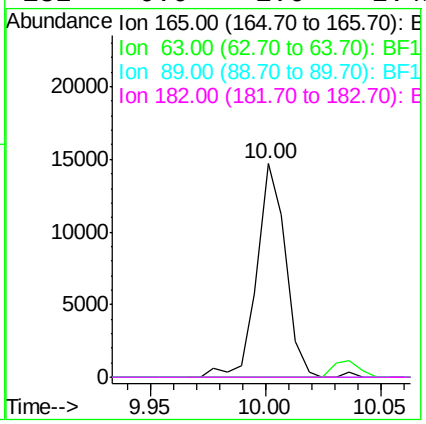


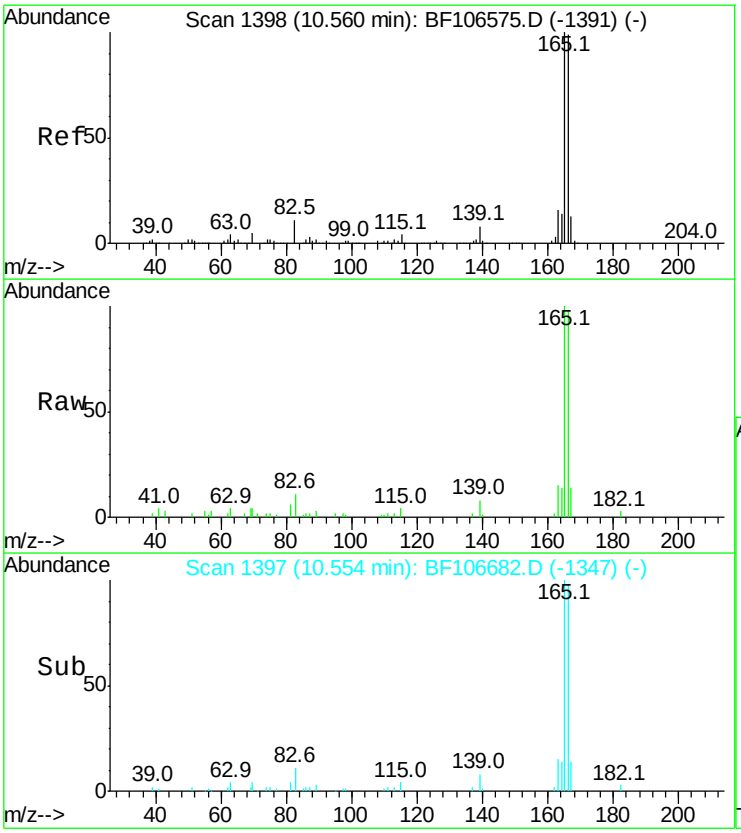
#56
2,4-Dinitrotoluene
Concen: 6.469 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12776

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

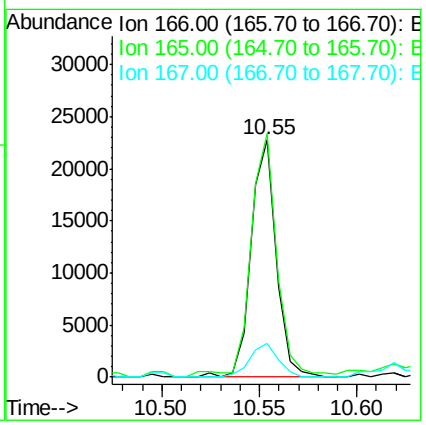


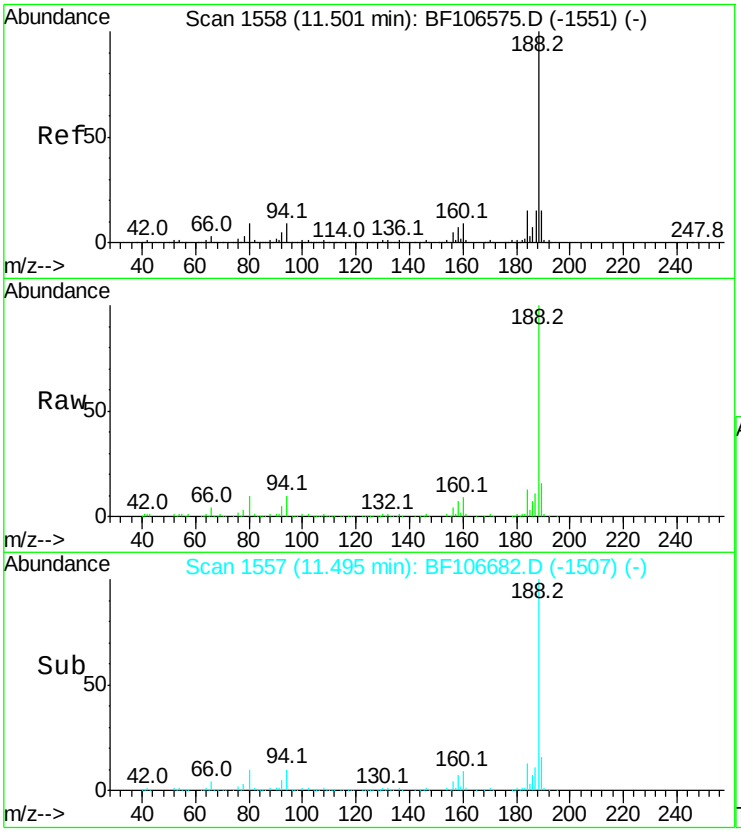


#57
Fluorene
Concen: 3.134 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:166 Resp: 20233

Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.8	119.8
167	14.1	10.6	16.0



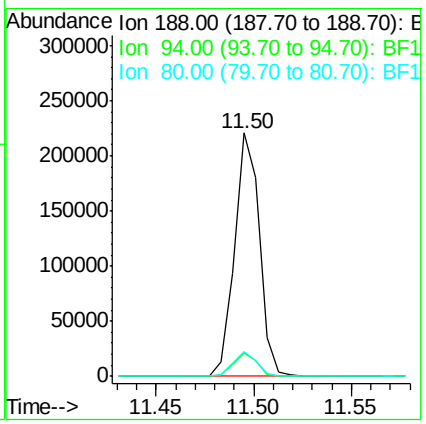


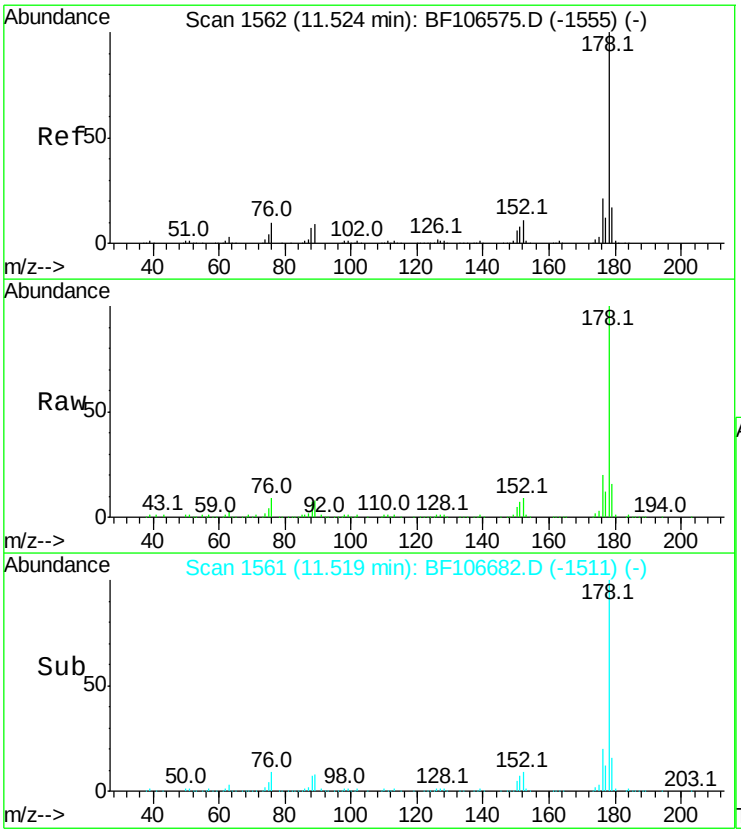
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 194055

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

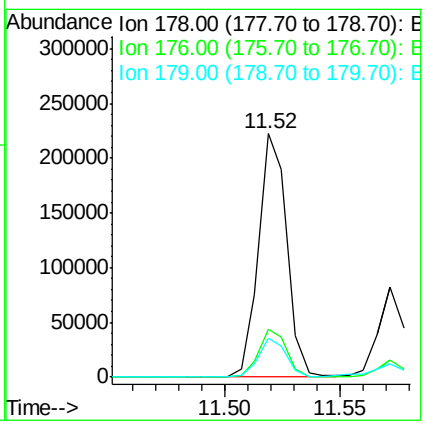


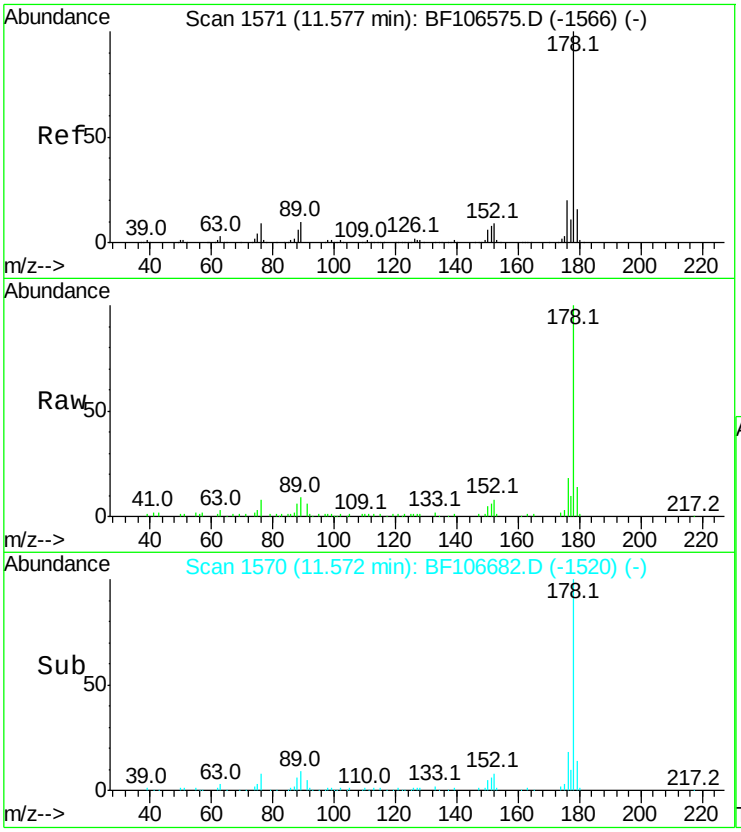


#70
Phenanthrene
Concen: 20.359 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:178 Resp: 190550

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.1	13.0	19.6



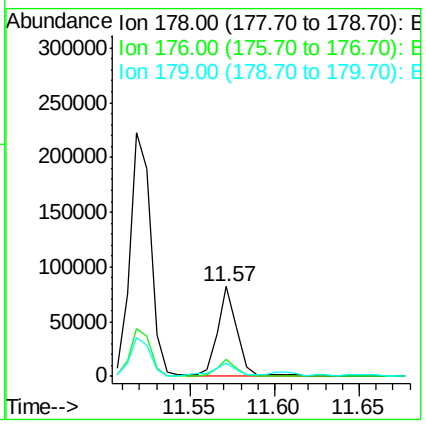


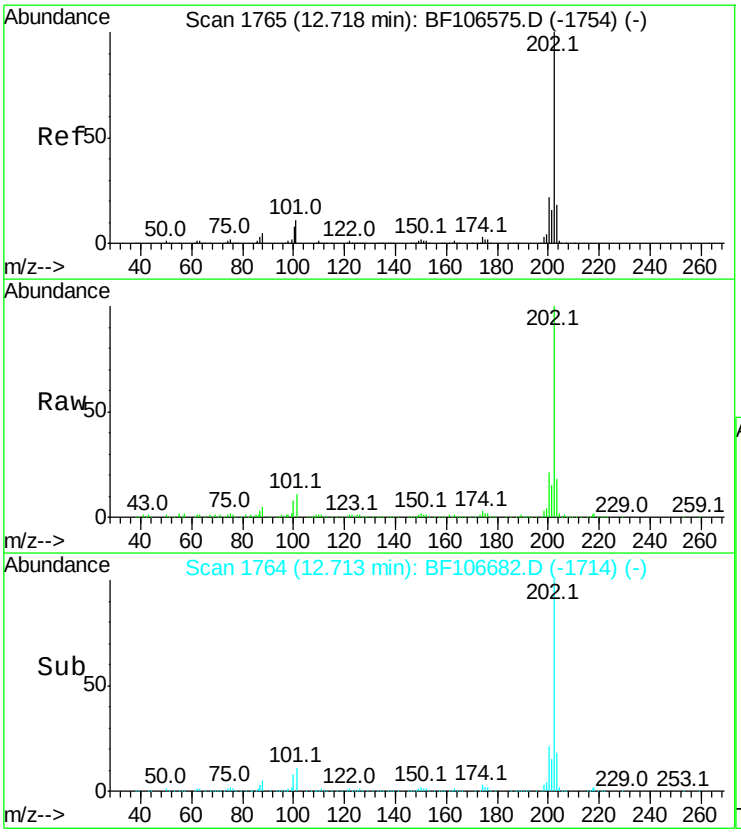
#71
Anthracene
Concen: 6.938 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 66284

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.4	12.6	19.0

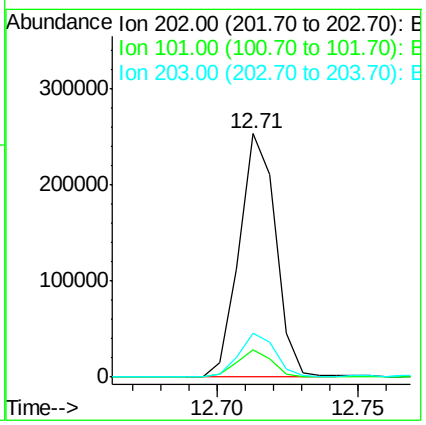


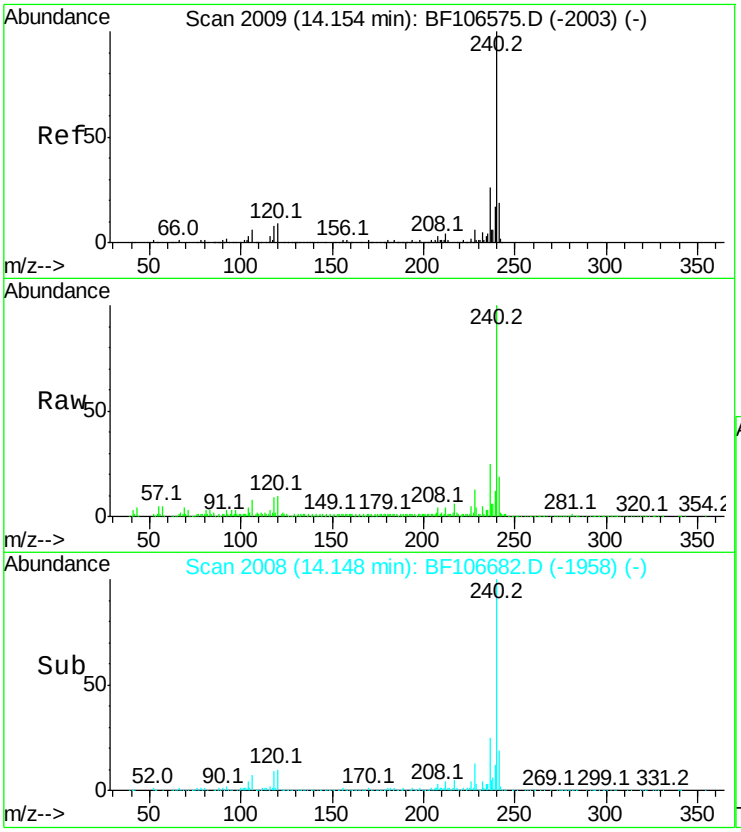


#74
Fluoranthene
Concen: 22.006 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:202 Resp: 227020

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.8	0.0	38.1



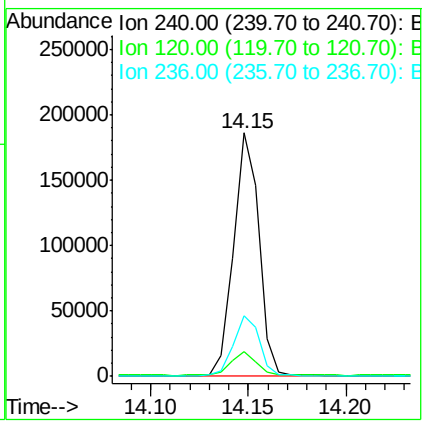


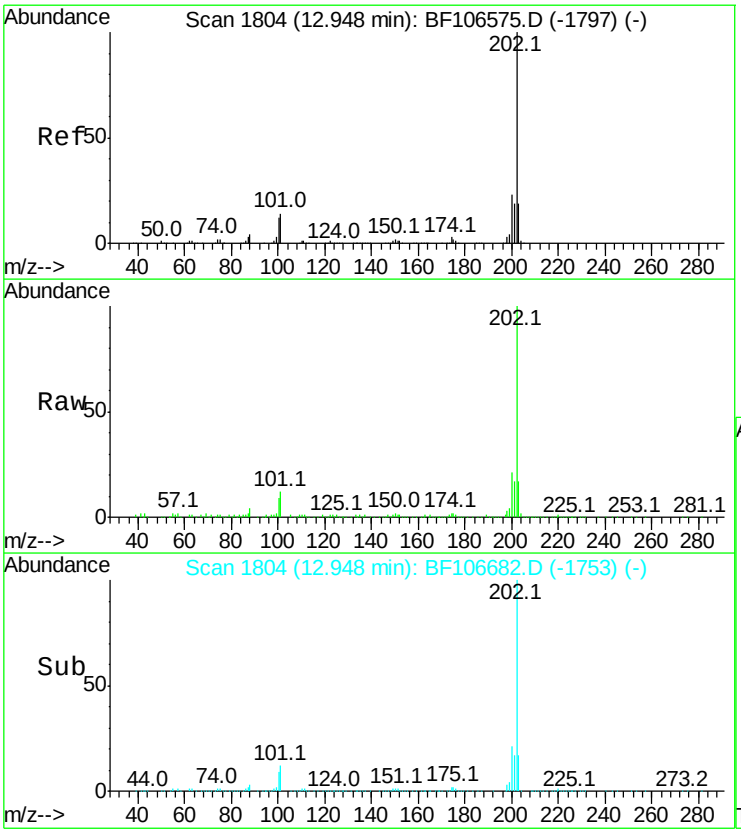
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 166819

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.1	20.7	31.1

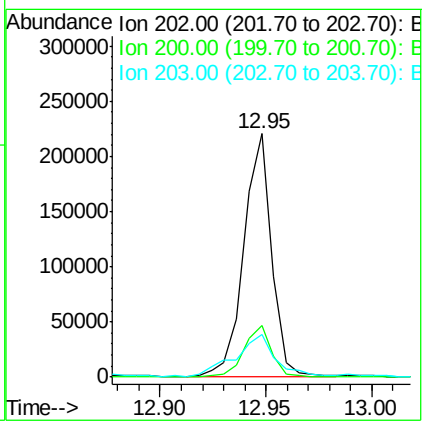


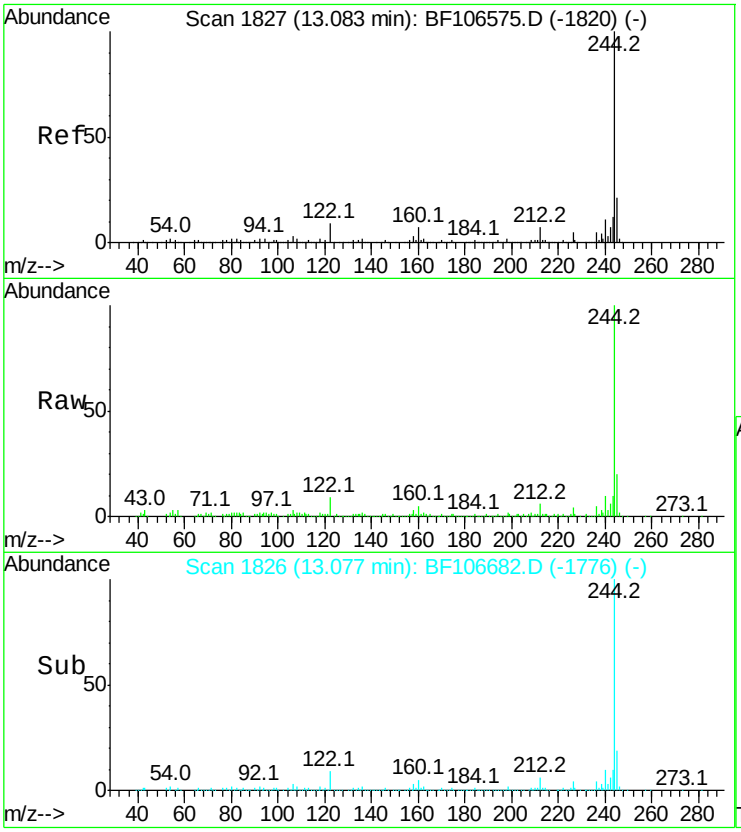


#77
Pyrene
Concen: 18.337 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:202 Resp: 201712

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5



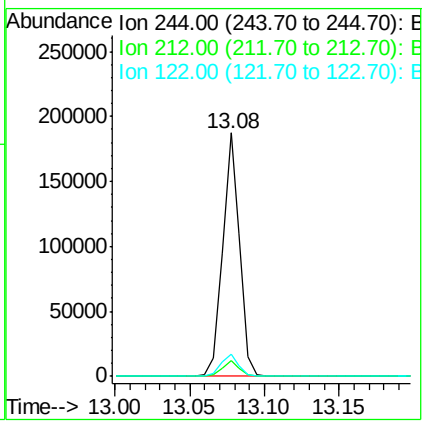


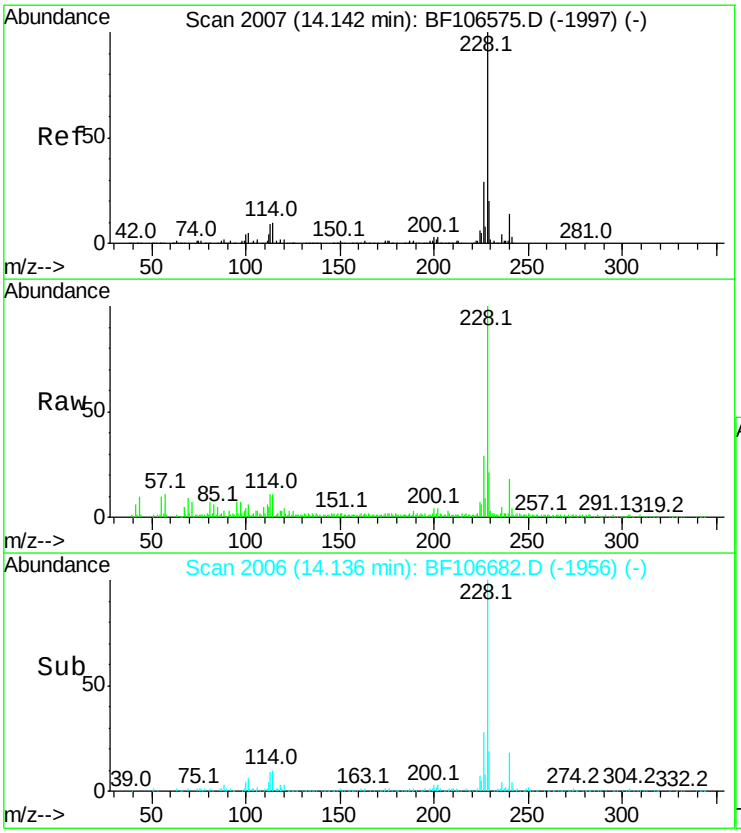
#78
Terphenyl-d14
Concen: 21.881 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 150690

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.2	11.0	16.4#

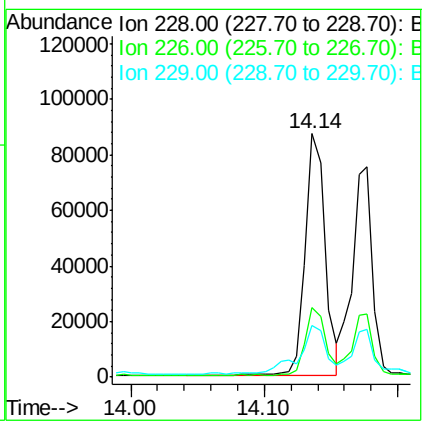


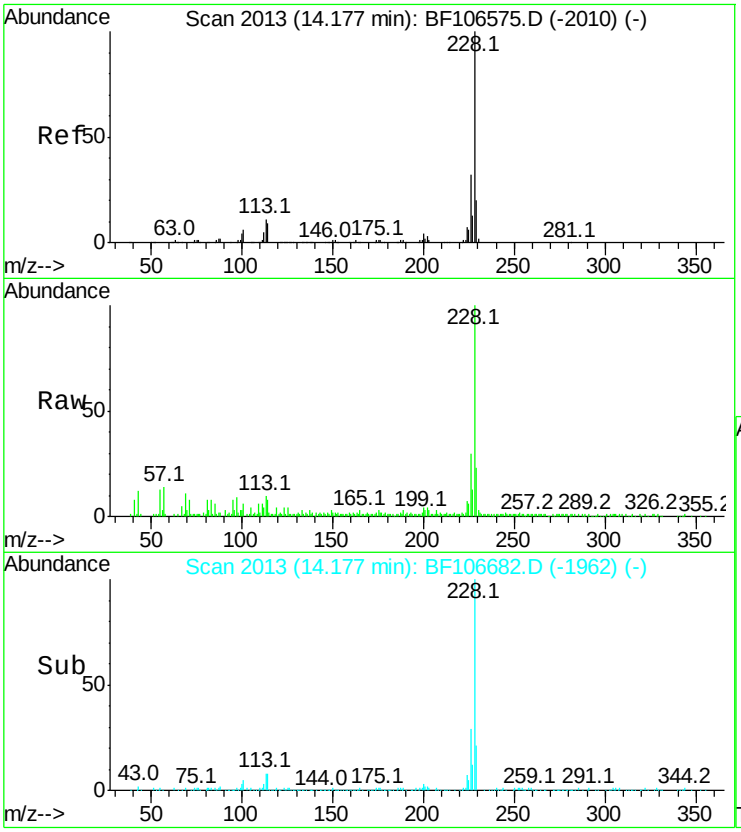


#80
Benzo(a)anthracene
Concen: 8.733 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:228 Resp: 88791

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.4	15.8	23.6



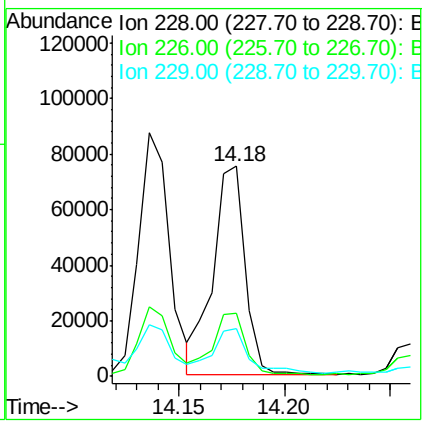


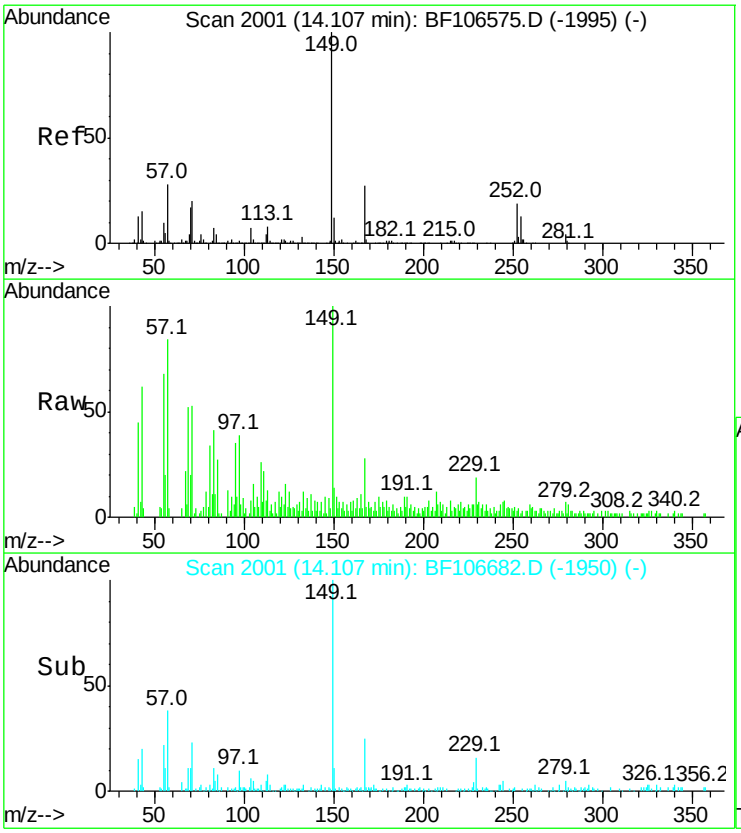
#82
Chrysene
Concen: 8.500 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 79505

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.8	16.2	24.4

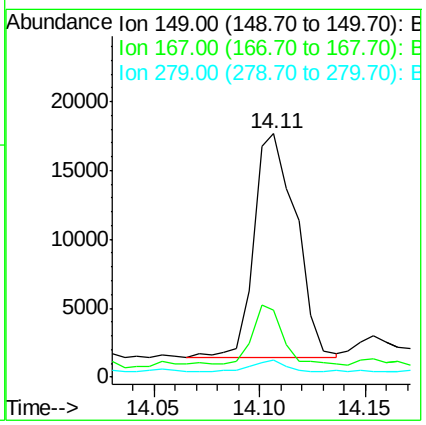


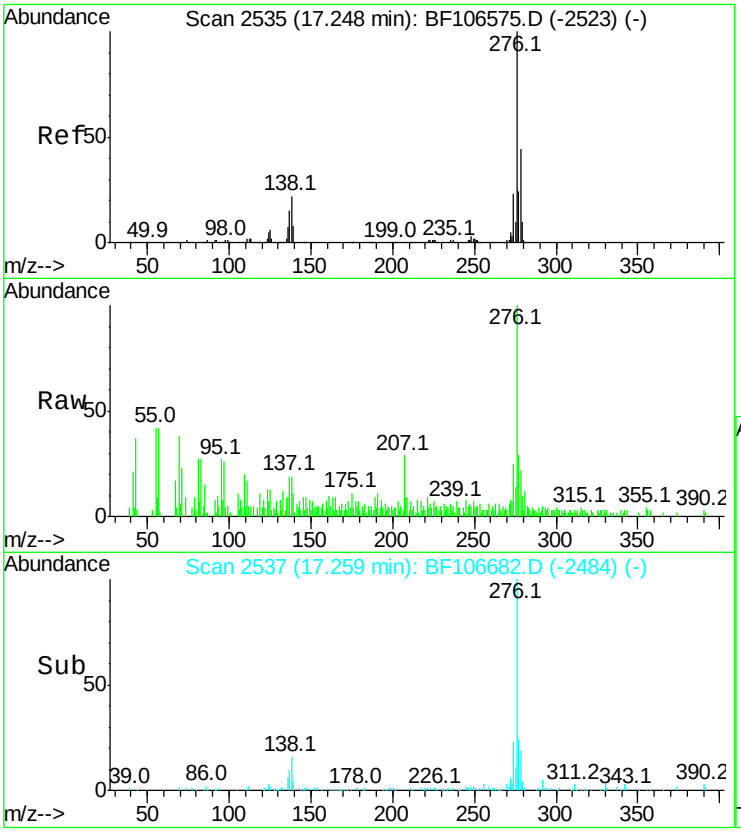


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.925 ng
RT: 14.11 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:149 Resp: 22698

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	6.9	3.0	4.4#



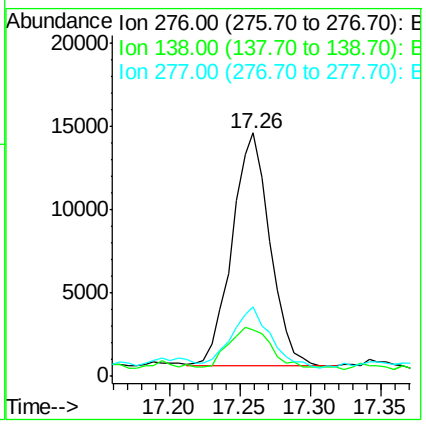


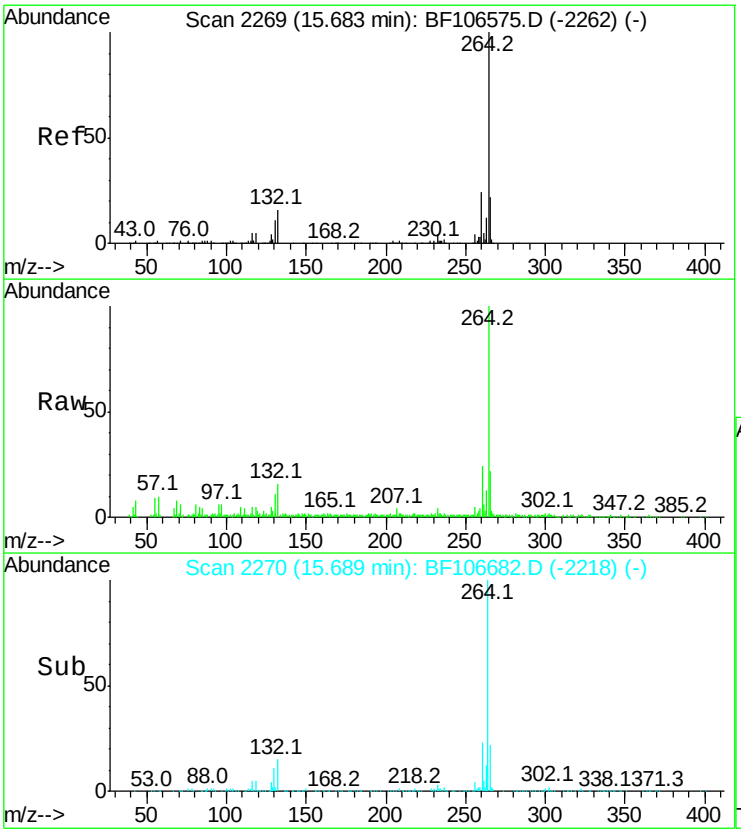
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.311 ng
RT: 17.26 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26285

Ion	Ratio	Lower	Upper
276	100		
138	18.3	25.0	37.6#
277	26.8	20.1	30.1

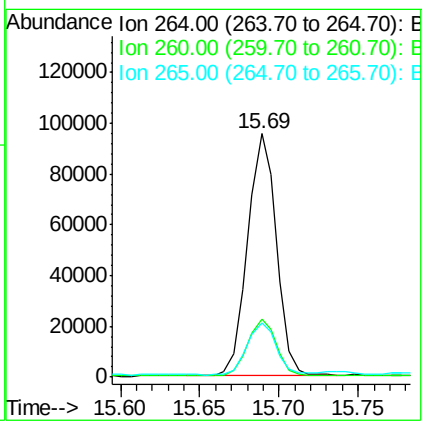


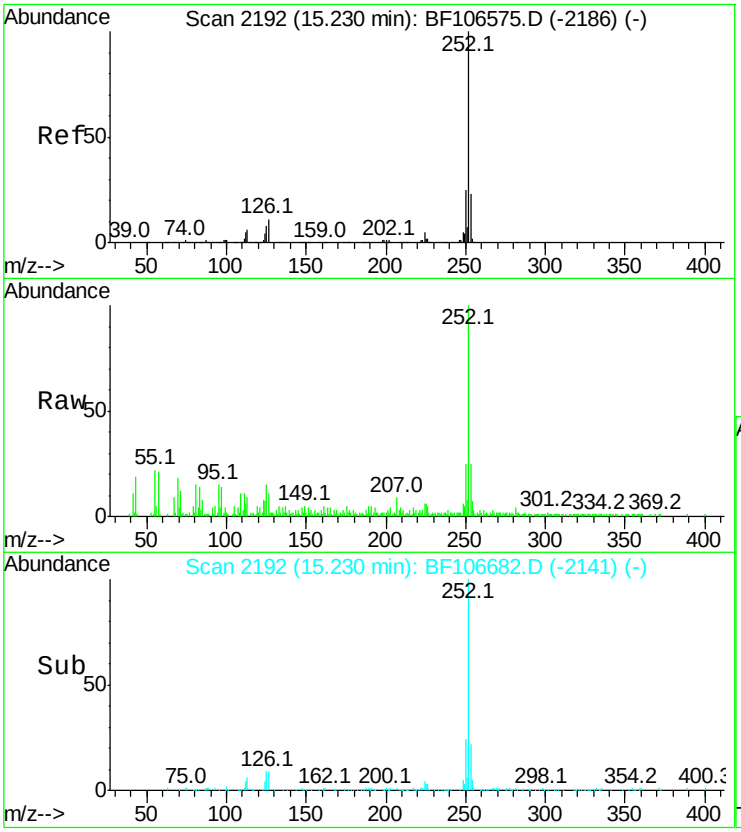


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:264 Resp: 121129

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	17.5	26.3



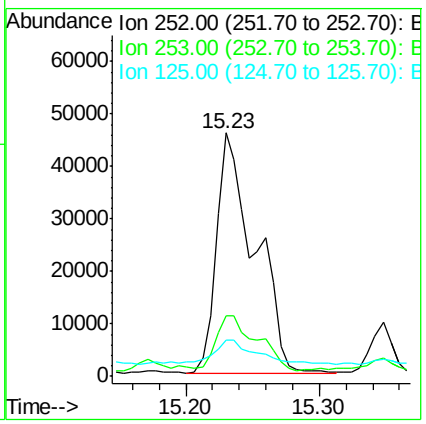


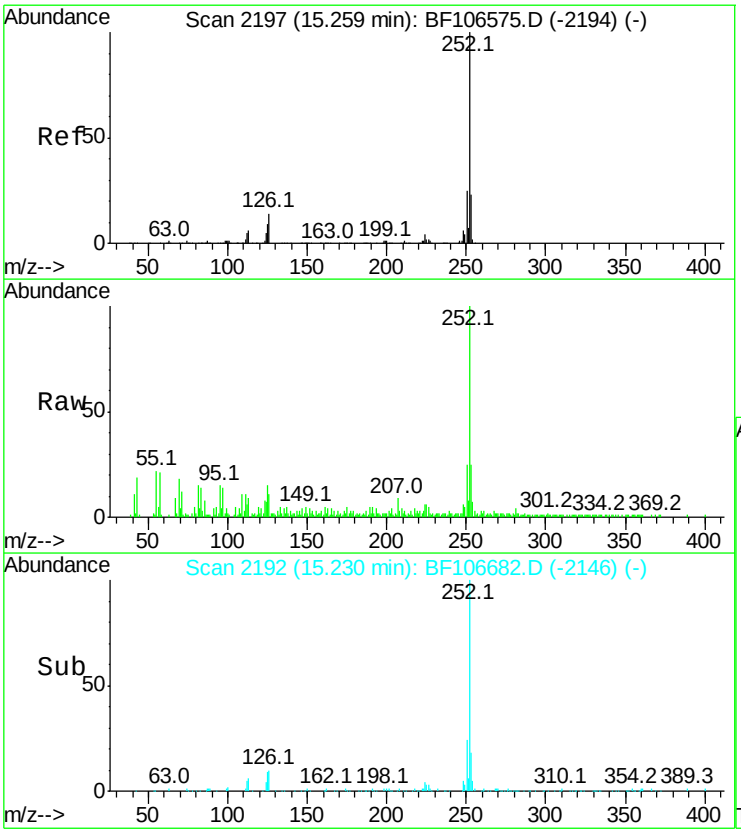
#87
Benzo(b)fluoranthene
Concen: 12.198 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91780

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	15.1	9.0	13.6#

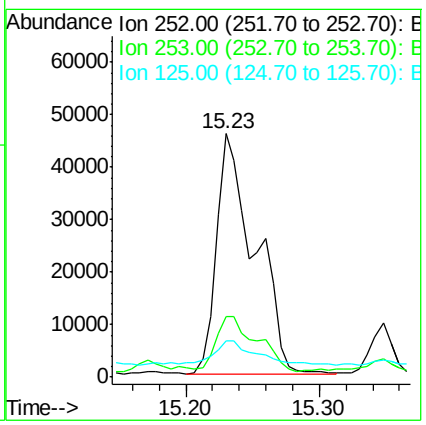


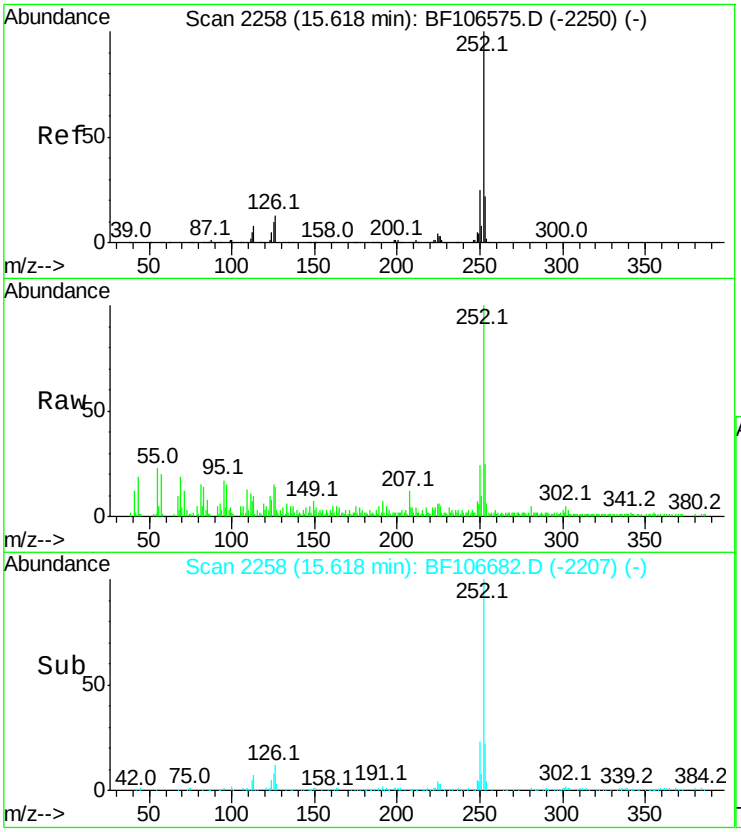


#88
Benzo(k)fluoranthene
Concen: 12.809 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:252 Resp: 91780

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	15.1	10.2	15.2



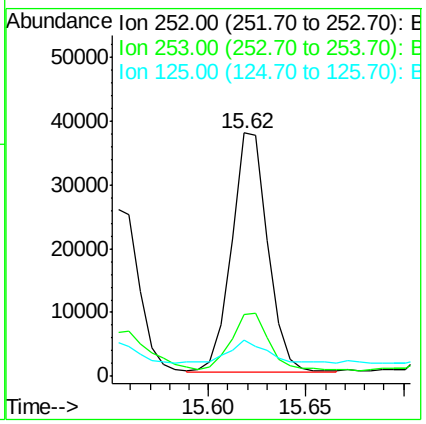


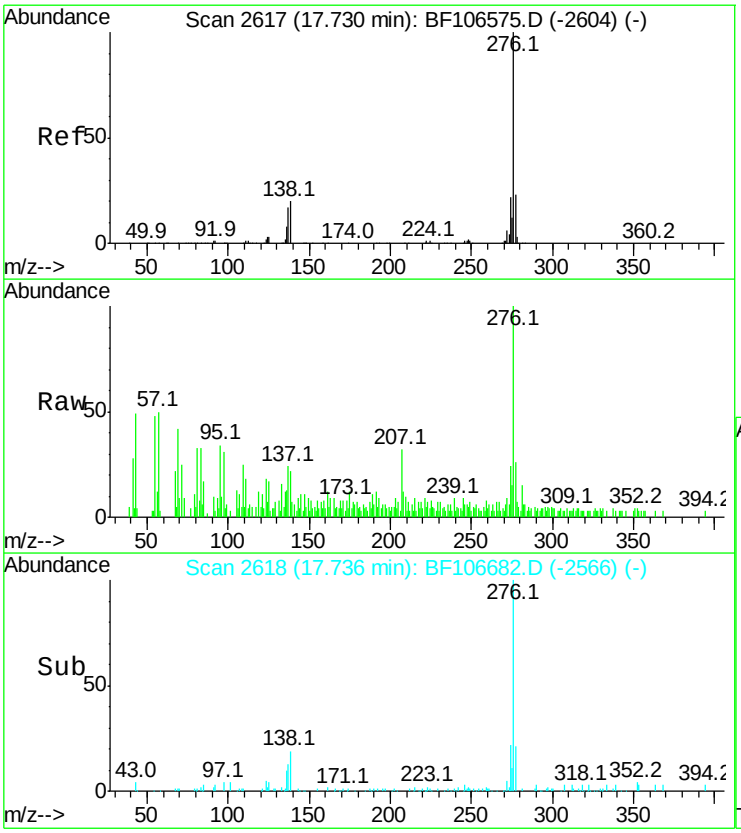
#89
Benzo(a)pyrene
Concen: 7.149 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 47818

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	14.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.843 ng
RT: 17.74 min Scan# 2618
Delta R.T. 0.01 min
Lab File: BF106682.D
Acq: 22 Jun 2018 00:56

Tgt Ion:276 Resp: 26836

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	22.3	21.8	32.8