Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Time: Jun 27 01:09:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	47506	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	170637	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	72415	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	127390	20.00	ng		0.00
75) Chrysene-d12	14.16	240	130041	20.00	ng		0.00
86) Perylene-d12	15.71	264	91888	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	275750	98.29	ng		0.00
7) Phenol-d6	6.60	99	340502	97.19	ng		-0.01
23) Nitrobenzene-d5	7.52	82	209054	68.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	84594	100.79	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	344129	79.48	ng		-0.01
78) Terphenyl-d14	13.08	244	359879	67.04	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	6181	2.103	ng		85
19) n-Nitroso-di-n-propylamine	7.52	70	26970	11.678	ng	#	71
20) 3+4-Methylphenols	7.38	107	390	Below Cal		#	69
25) Isophorone	7.52	82	209052	38.637	ng	#	64
48) Acenaphthylene	9.87	152	27970	3.900	ng		98
49) Dimethylphthalate	9.71	163	73276	13.492	ng	#	98
50) 2,6-Dinitrotoluene	10.00	165	9681	8.418	ng	#	24
51) Acenaphthene	10.04	154	11923	2.640	ng		98
54) Dibenzofuran	10.21	168	14253	2.305	ng		95
55) 4-Nitrophenol	10.21	139	5051	5.468	ng	#	9
56) 2,4-Dinitrotoluene	10.00	165	9681	6.449	ng	#	21
57) Fluorene	10.55	166	18412	3.752	ng	#	98
66) 4-Bromophenyl-phenylether	10.80	248	5054	3.324	ng	#	1
70) Phenanthrene	11.52	178	224790	36.585	ng		98
71) Anthracene	11.57	178	78164	12.463	ng		98
72) Carbazole	11.72	167	15911	2.710	ng		98
74) Fluoranthene	12.72	202	535798	79.117	ng		96
77) Pyrene	12.95	202	516286	60.206	ng		99
80) Benzo(a)anthracene	14.15	228	348828	44.013	ng		97
82) Chrysene	14.18	228	274369	37.629	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	95844	15.489	ng	#	88
87) Benzo(b)fluoranthene	15.25	252	392762	68.809	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	392762	72.255	ng	#	96
89) Benzo(a)pyrene	15.57	252	125181	24.670	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	26418	6.143	ng	#	70
91) Benzo(g,h,i)perylene	17.77	276	90969	21.642	ng	#	89

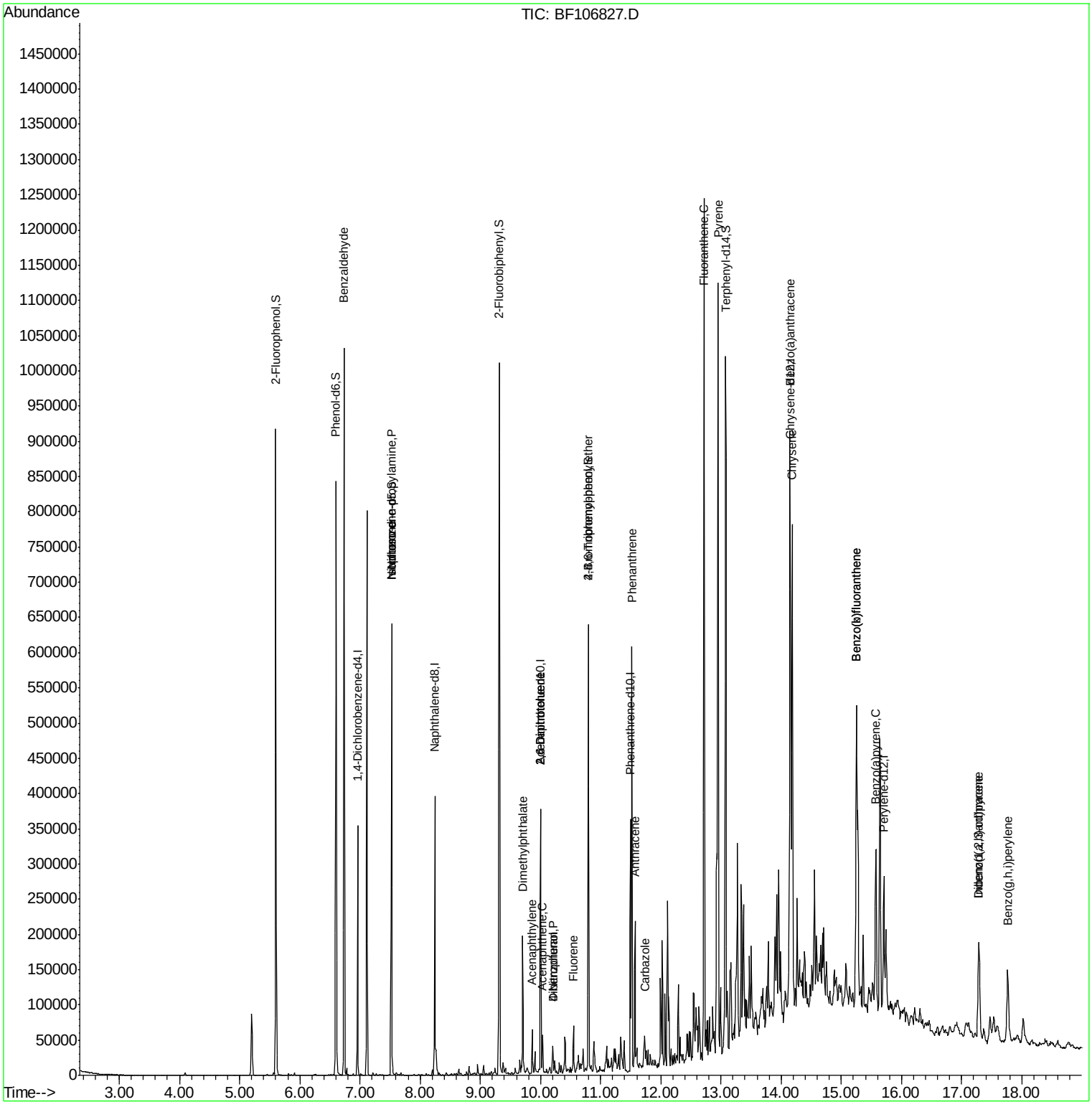
(#) = qualifier out of range (m) = manual integration (+) = signals summed

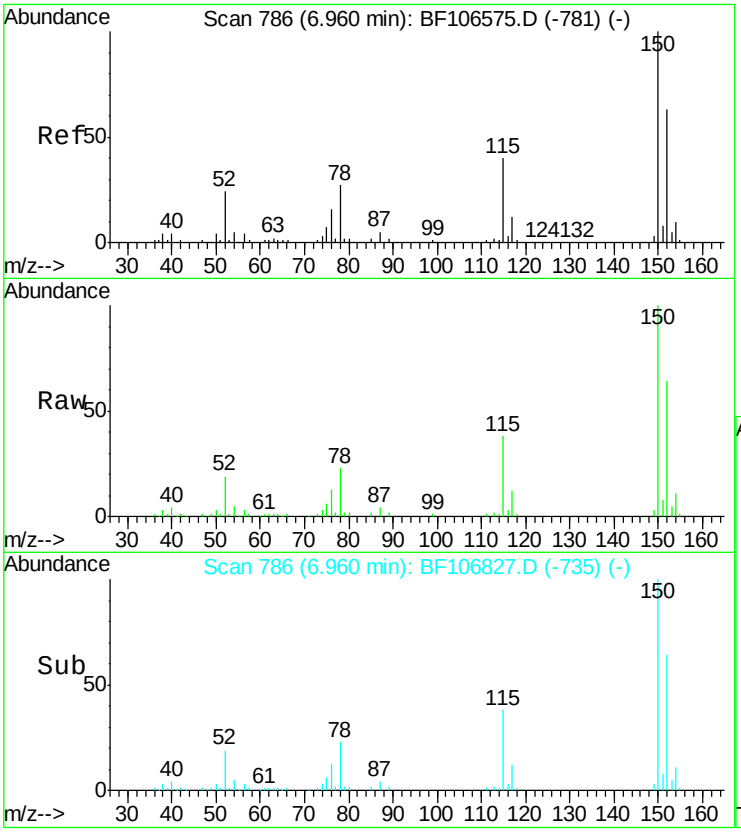
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106827.D
Acq On : 26 Jun 2018 17:14
Operator : JU/SJ
Sample : J3684-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Quant Time: Jun 27 01:09:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



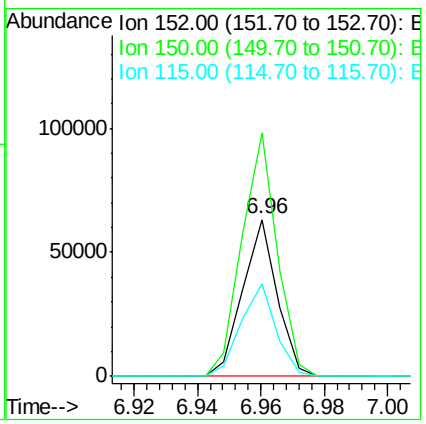


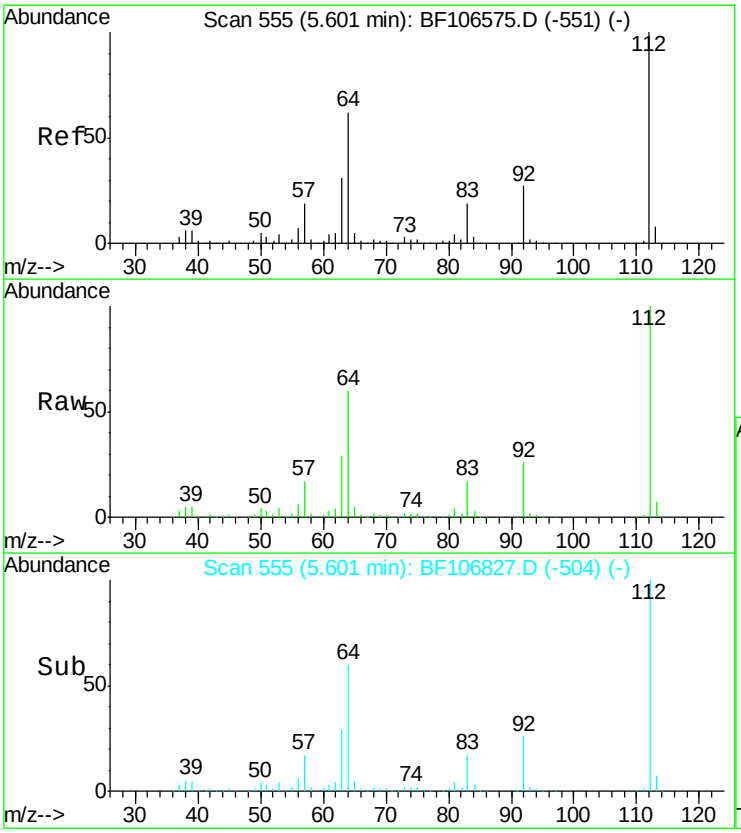
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:152 Resp: 47506

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	58.6	50.1	75.1

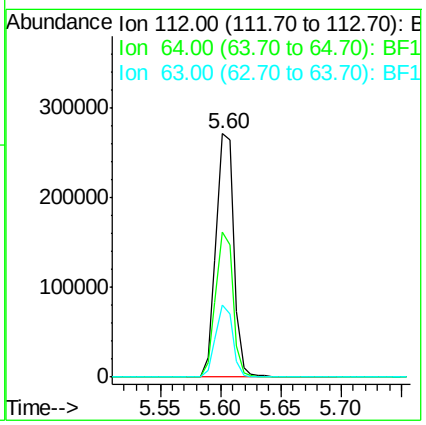


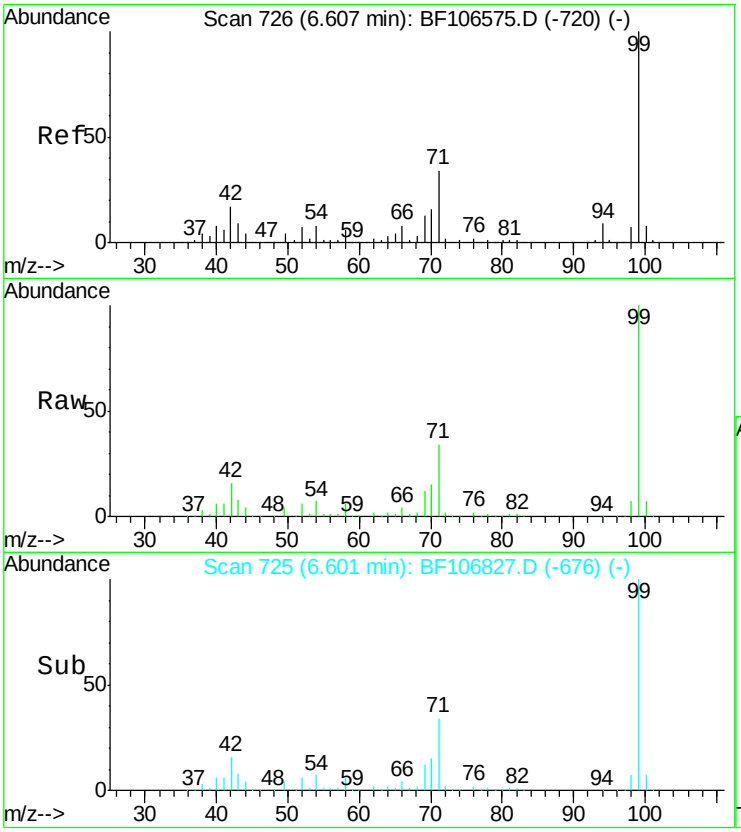


#5
2-Fluorophenol
Concen: 98.289 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:112 Resp: 275750

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	29.4	23.7	35.5



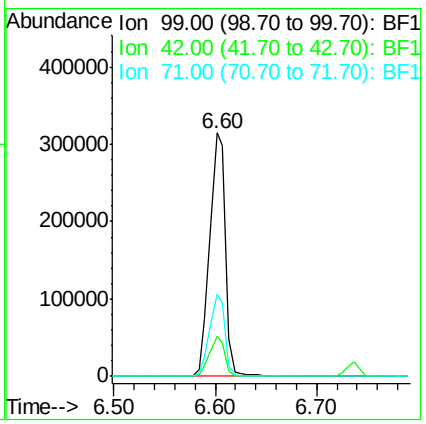


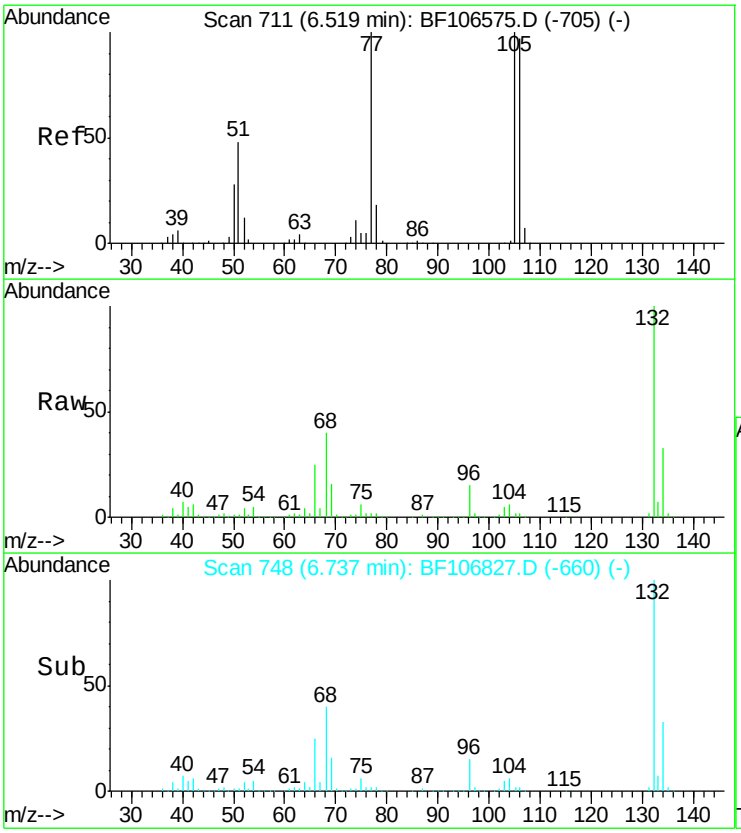
#7
Phenol-d6
Concen: 97.188 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 99 Resp: 340502

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.7	25.4	38.0

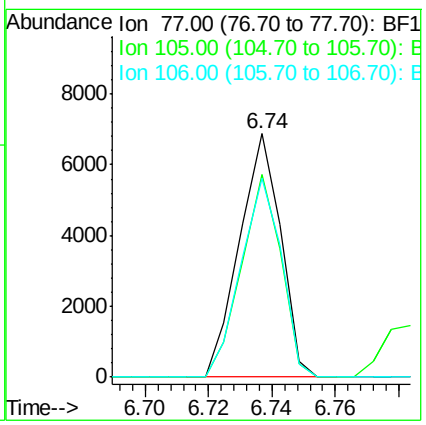


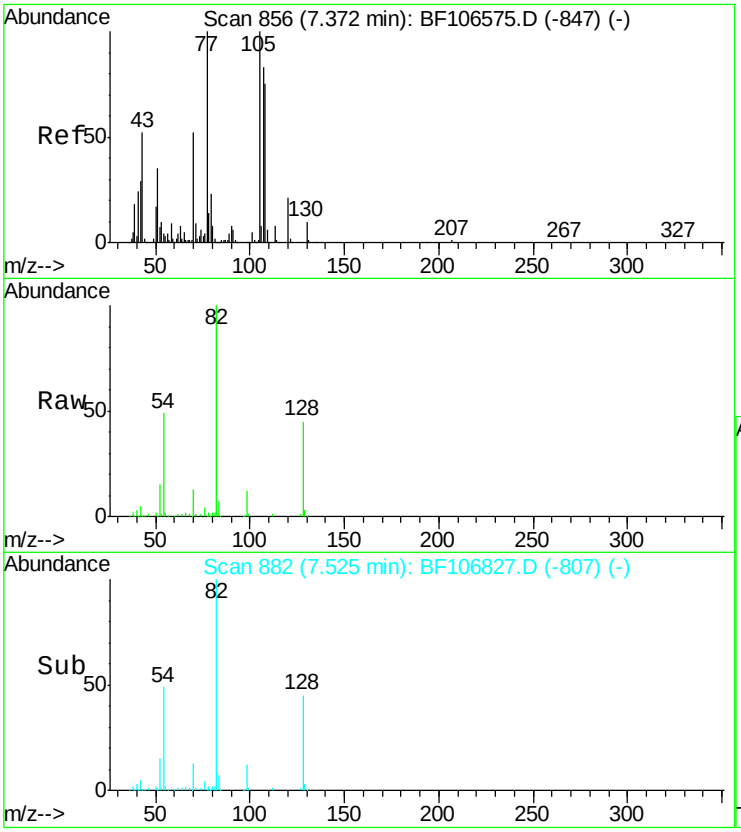


#9
Benzaldehyde
Concen: 2.103 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.22 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 77 Resp: 6181

Ion	Ratio	Lower	Upper
77	100		
105	83.3	81.1	121.1
106	81.8	74.5	114.5



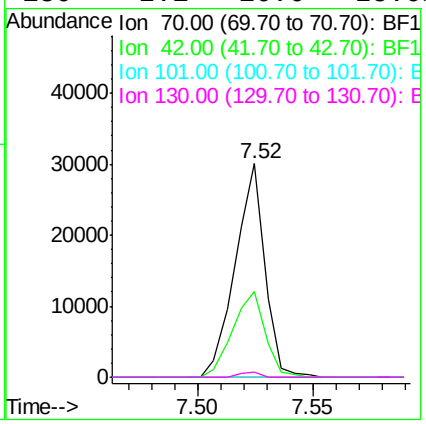


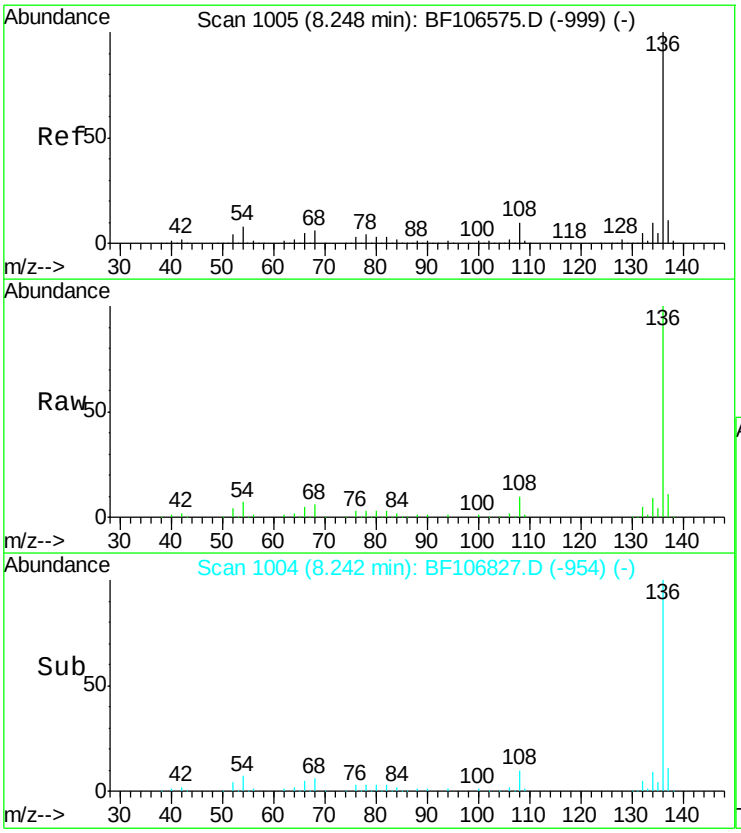
#19
n-Nitroso-di-n-propylamine
Concen: 11.678 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 70 Resp: 26970

Ion	Ratio	Lower	Upper
70	100		
42	40.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

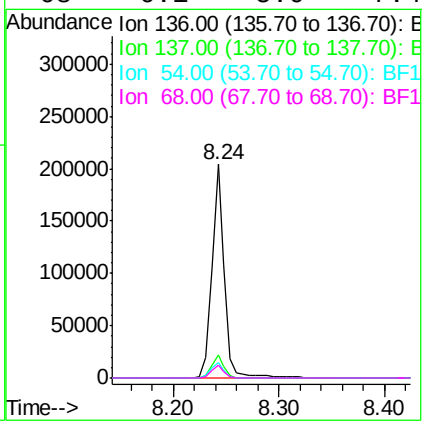


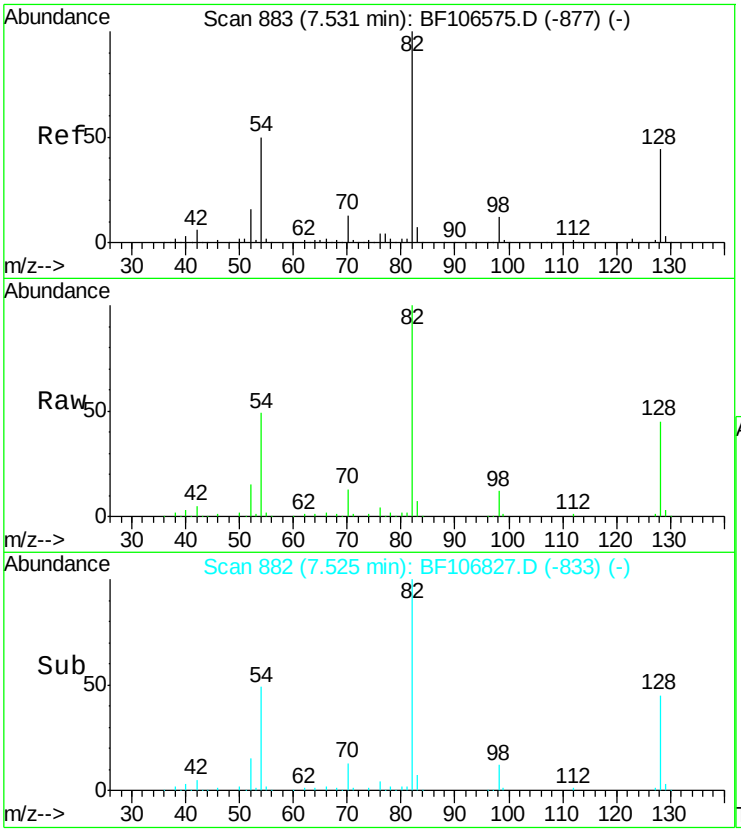


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:136 Resp: 170637

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4



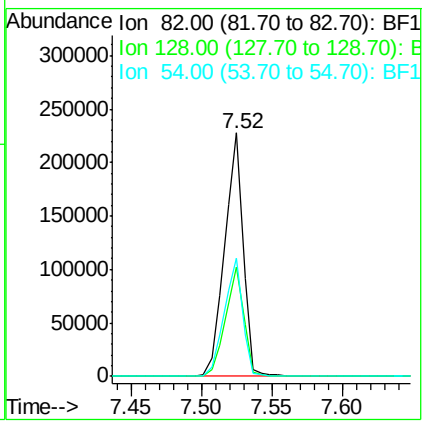


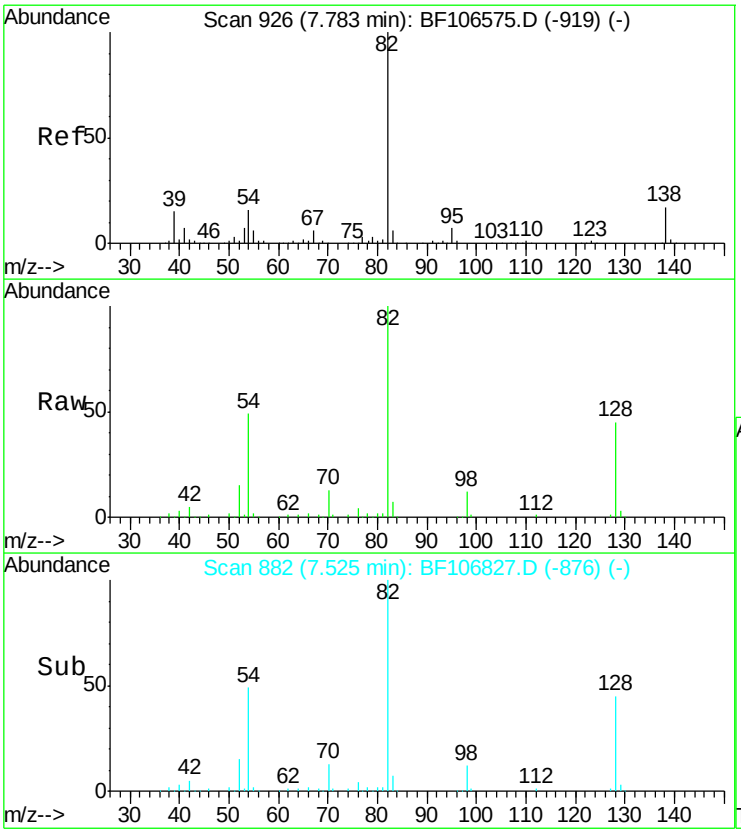
#23
Nitrobenzene-d5
Concen: 68.085 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 82 Resp: 209054

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.8	41.4	62.2

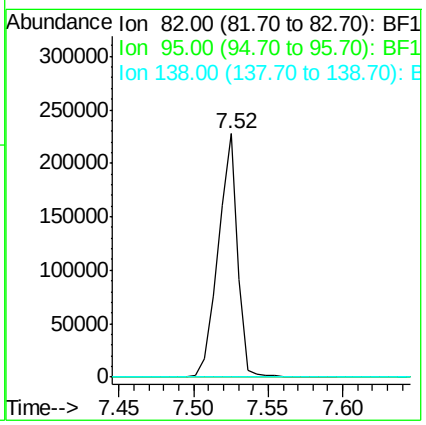


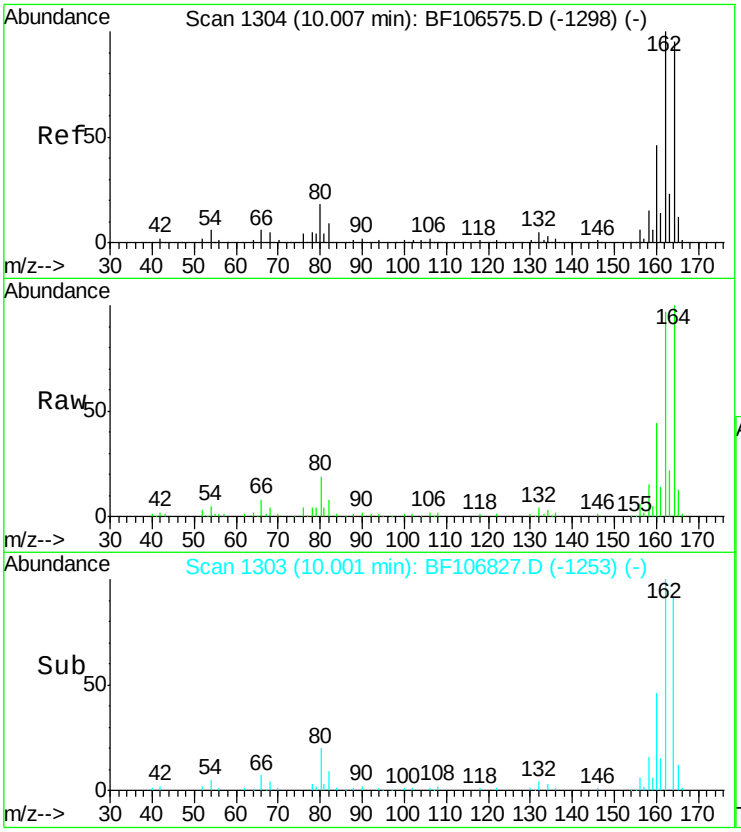


#25
Isophorone
Concen: 38.637 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion: 82 Resp: 209052

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



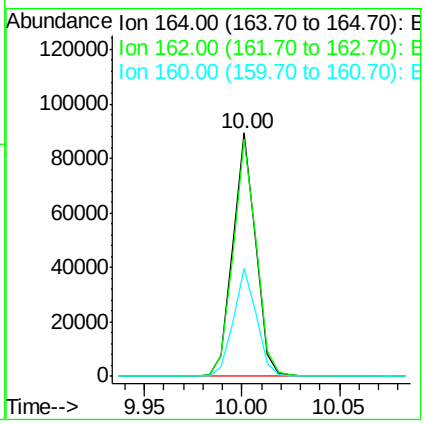


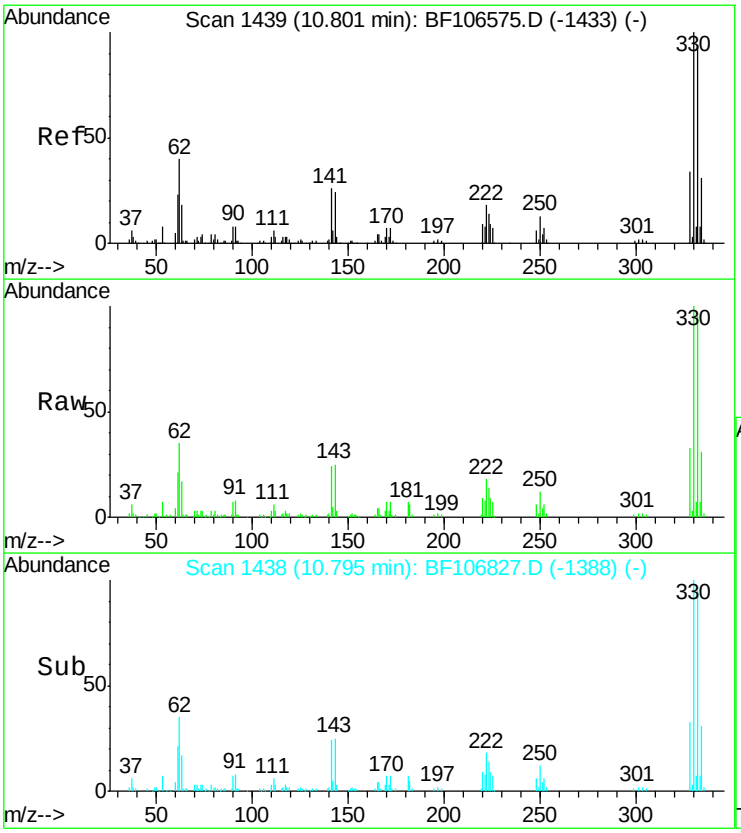
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:164 Resp: 72415

Ion	Ratio	Lower	Upper
164	100		
162	97.3	86.1	129.1
160	44.5	38.3	57.5

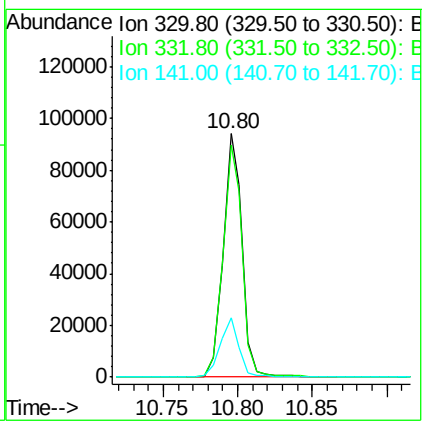


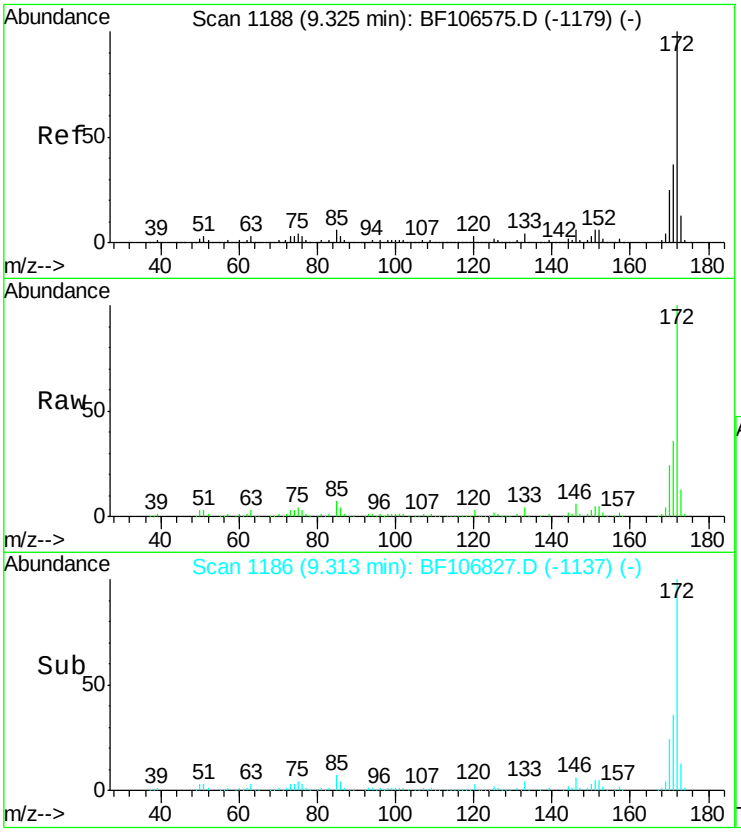


#41
2,4,6-Tribromophenol
Concen: 100.790 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:330 Resp: 84594

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	24.1	29.9	44.9#



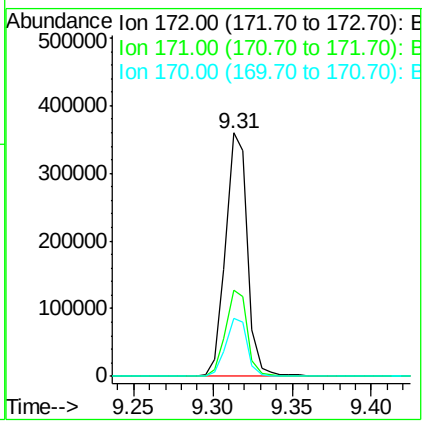


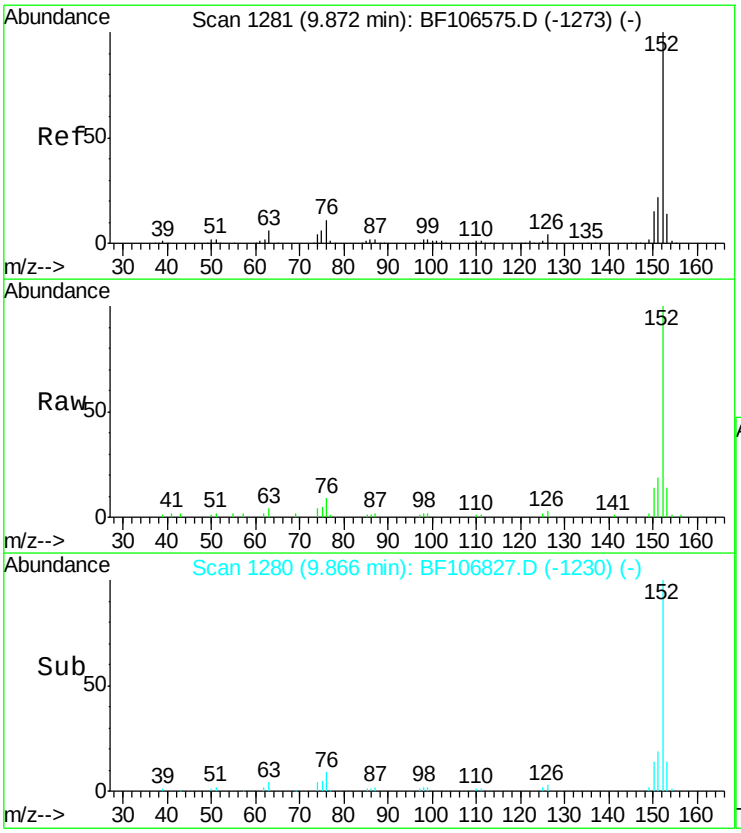
#44
2-Fluorobiphenyl
Concen: 79.478 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:172 Resp: 344129

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

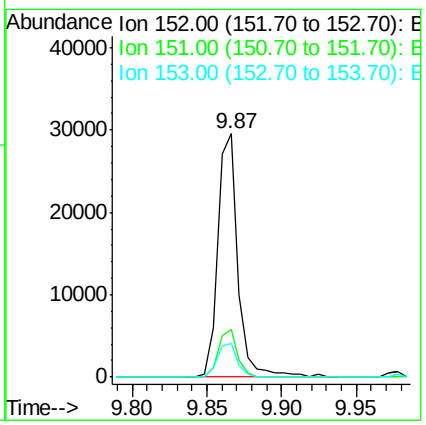


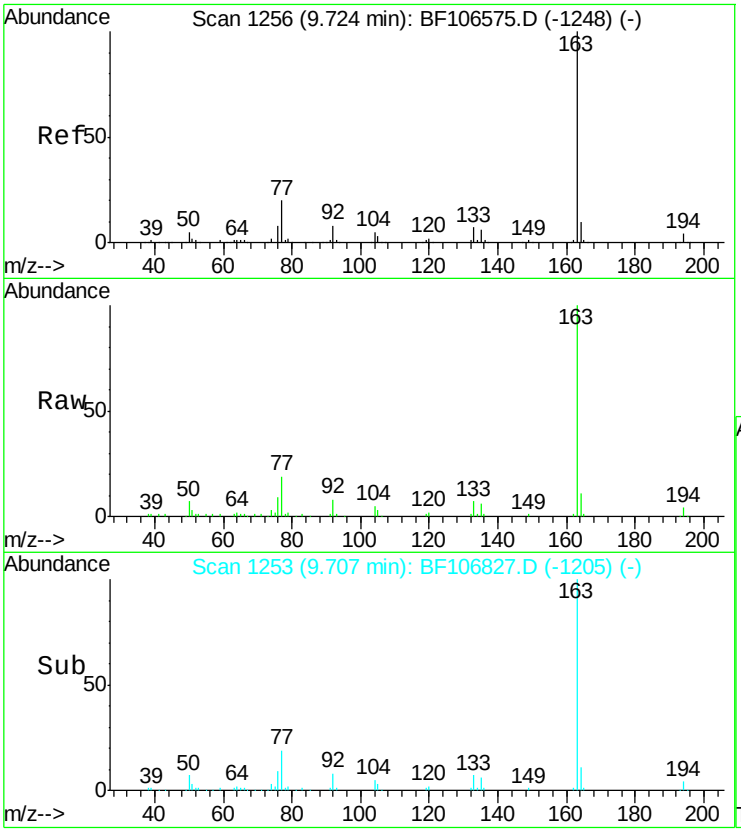


#48
Acenaphthylene
Concen: 3.900 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:152 Resp: 27970

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.8	10.7	16.1



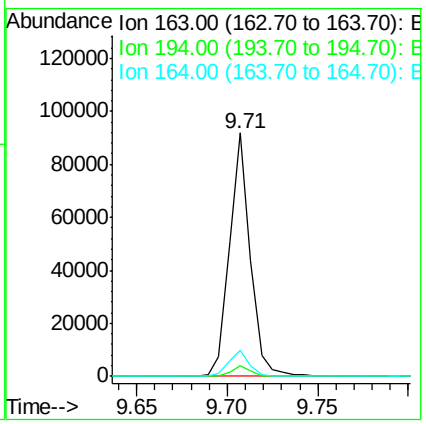


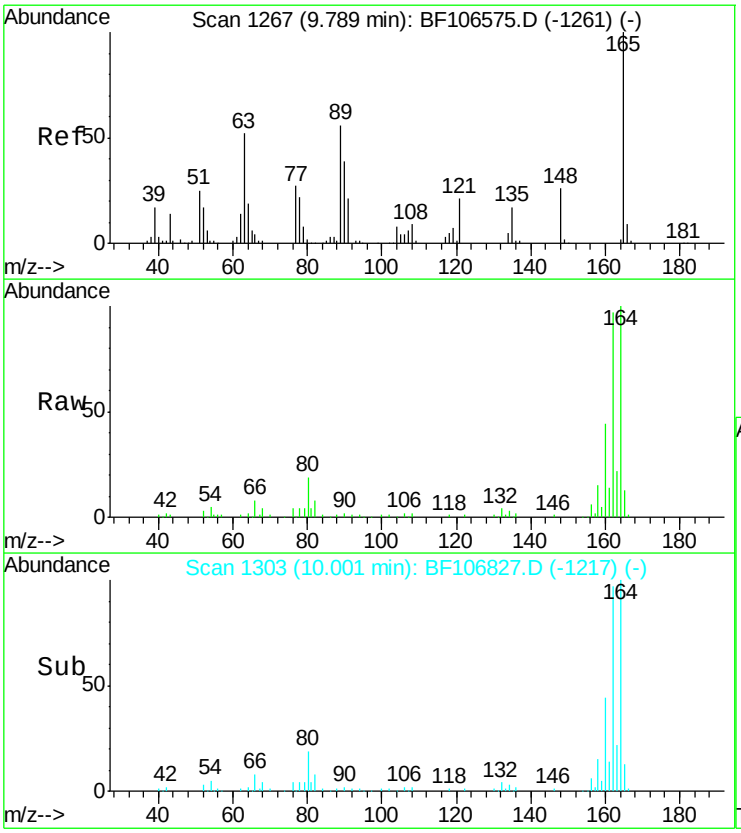
#49
Dimethylphthalate
Concen: 13.492 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:163 Resp: 73276

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.8	8.2	12.2

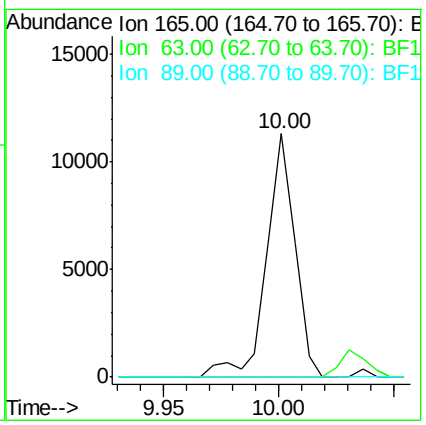


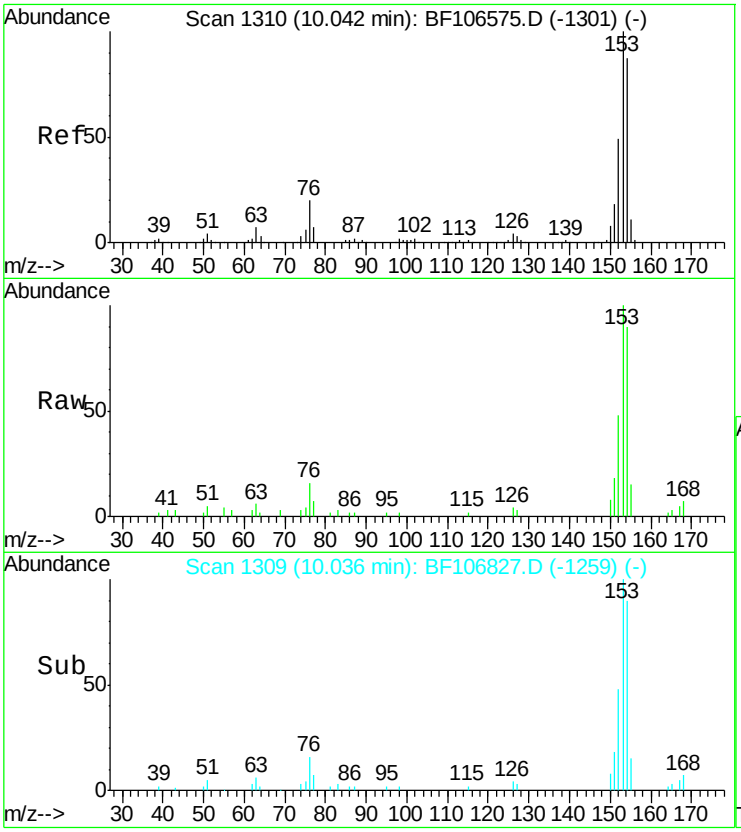


#50
2,6-Dinitrotoluene
Concen: 8.418 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:165 Resp: 9681

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



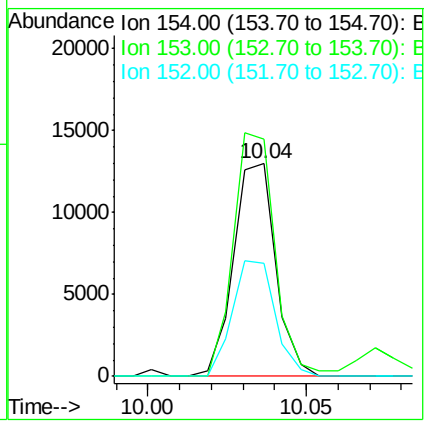


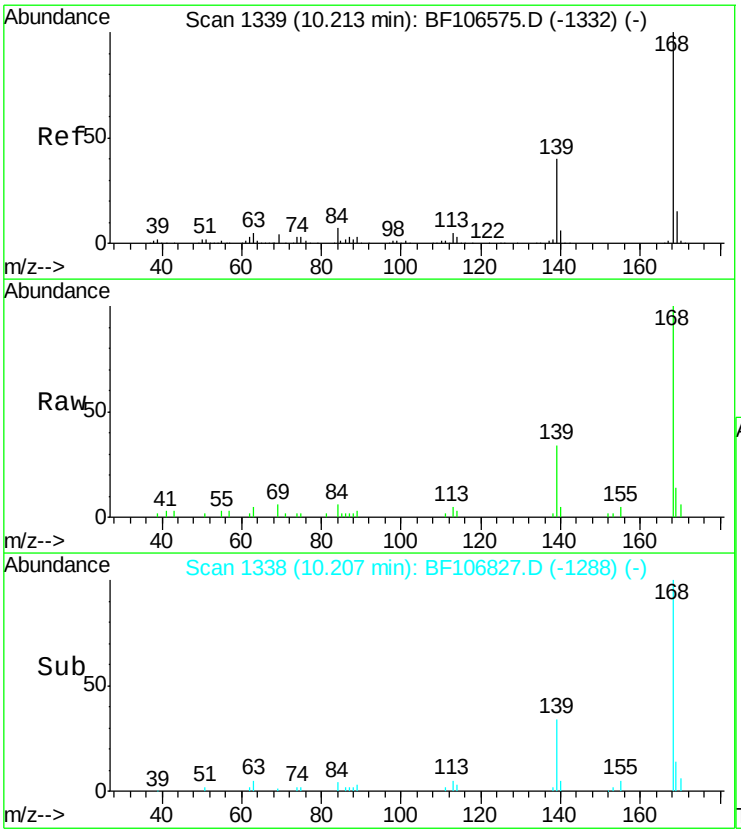
#51
Acenaphthene
Concen: 2.640 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:154 Resp: 11923

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	53.1	43.8	65.8

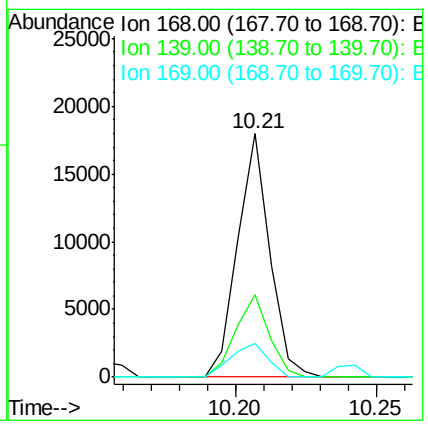


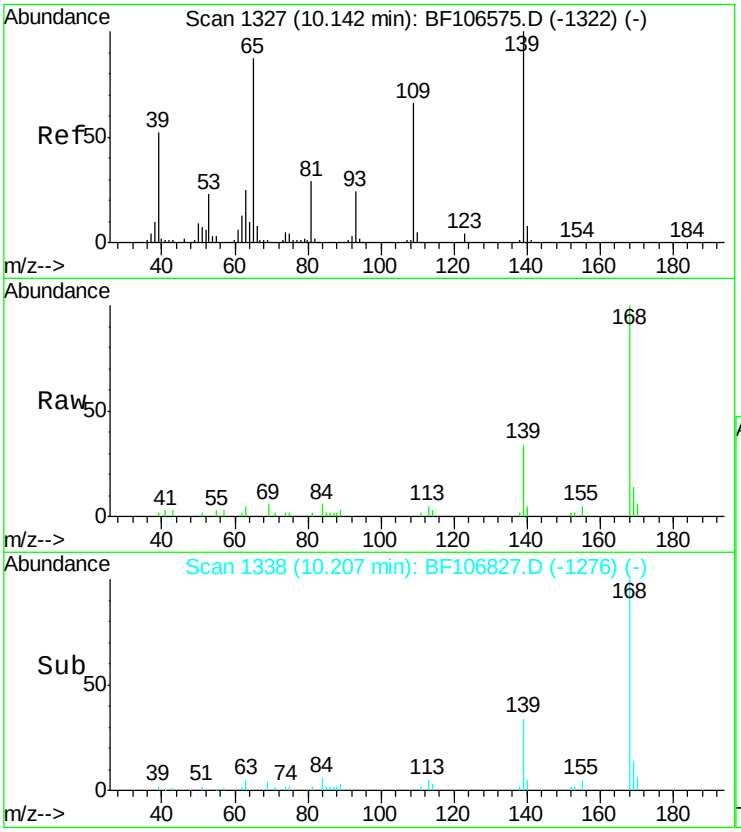


#54
Dibenzofuran
Concen: 2.305 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:168 Resp: 14253

Ion	Ratio	Lower	Upper
168	100		
139	33.8	30.1	45.1
169	13.7	10.9	16.3



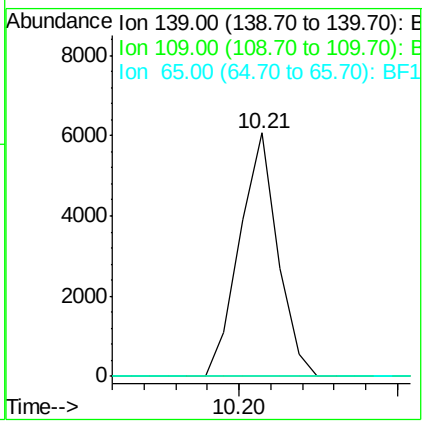


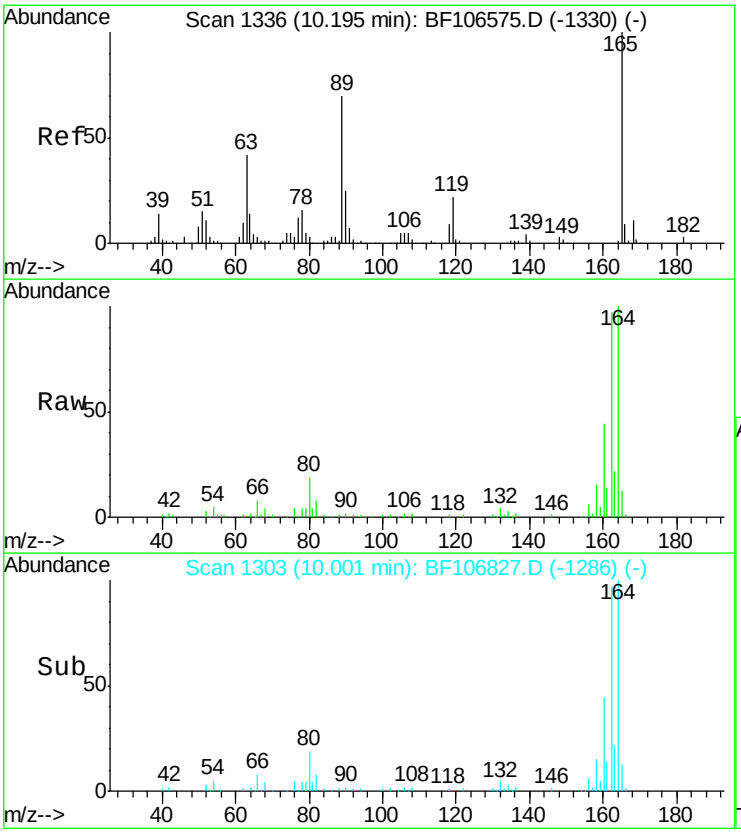
#55
4-Nitrophenol
Concen: 5.468 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:139 Resp: 5051

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

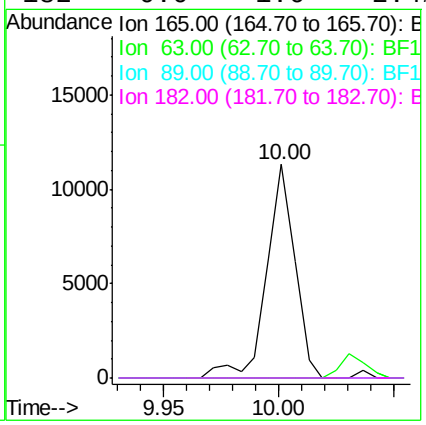


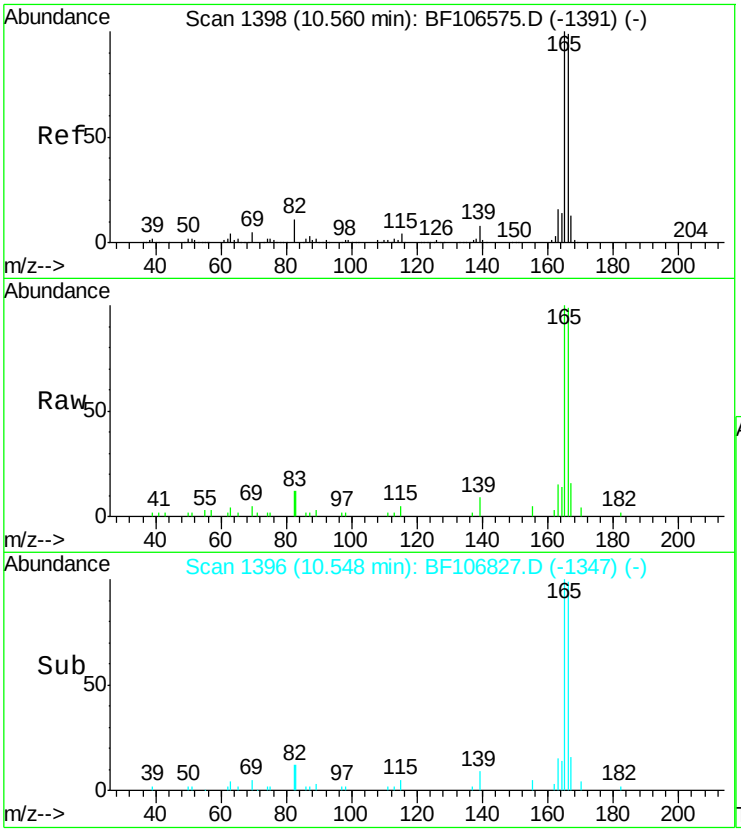


#56
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:165 Resp: 9681

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#



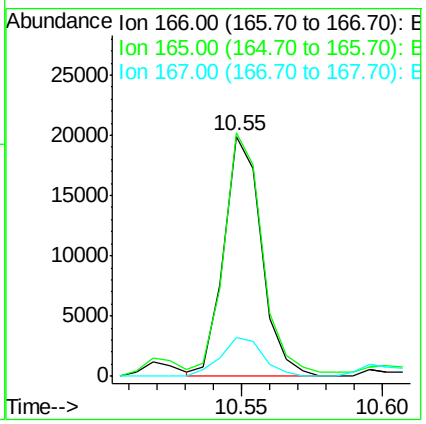


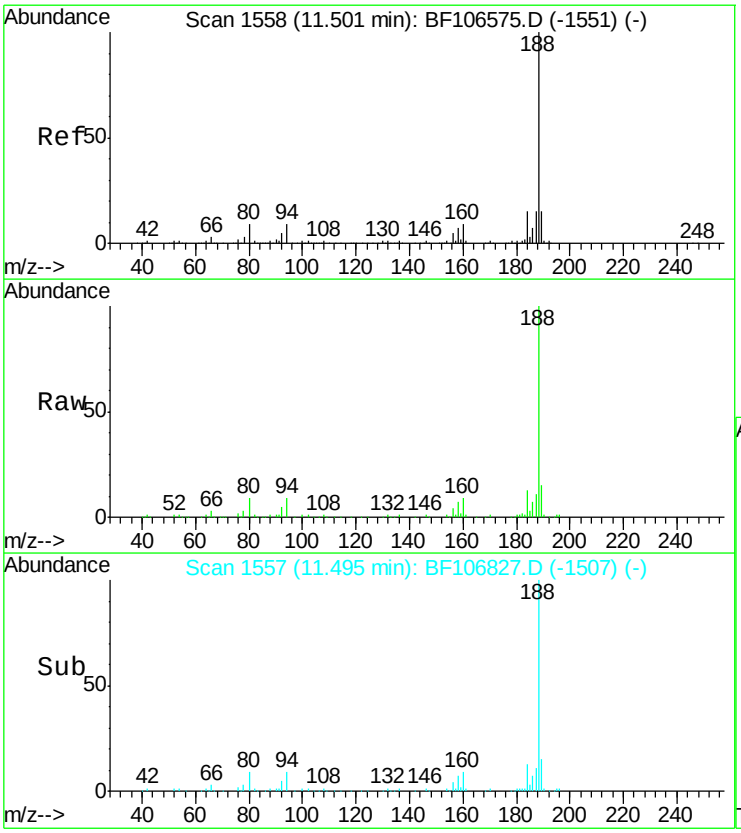
#57
Fluorene
Concen: 3.752 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:166 Resp: 18412

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.8	119.8
167	16.0	10.6	16.0#

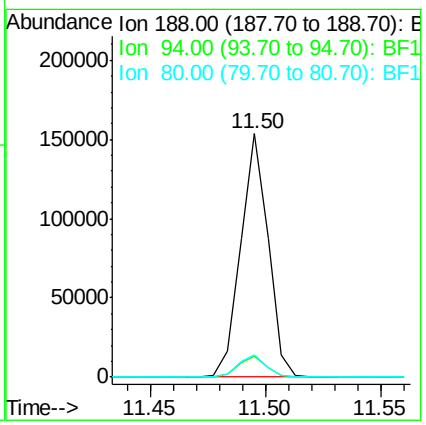


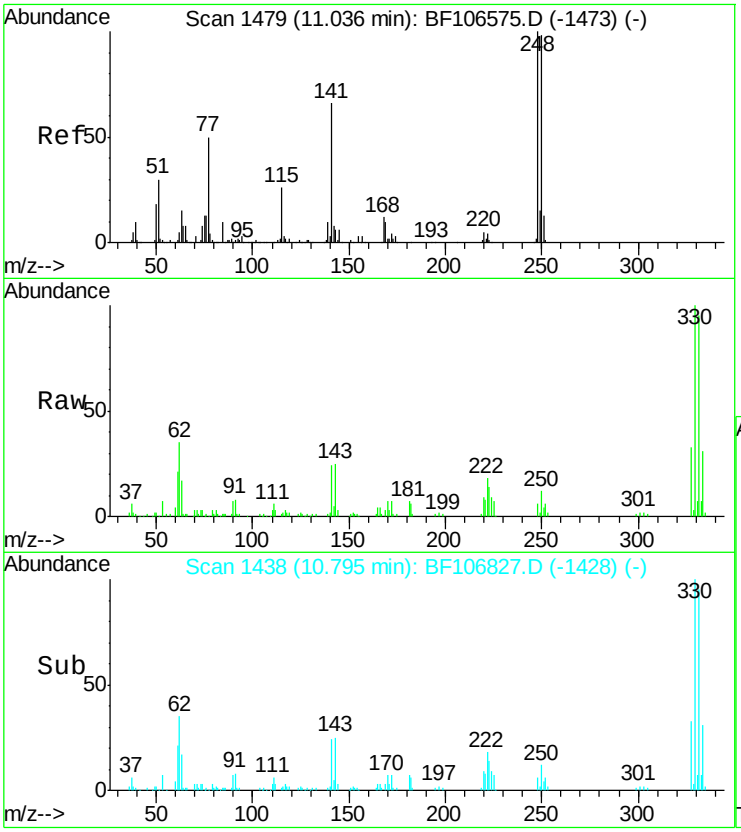


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:188 Resp: 127390

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#



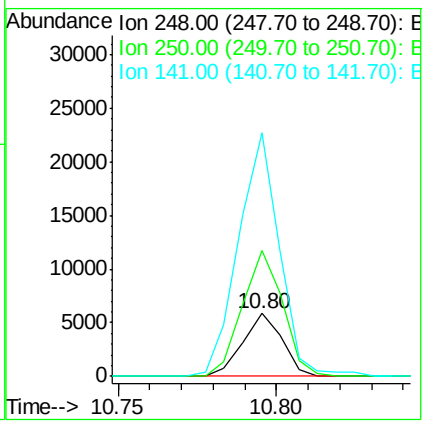


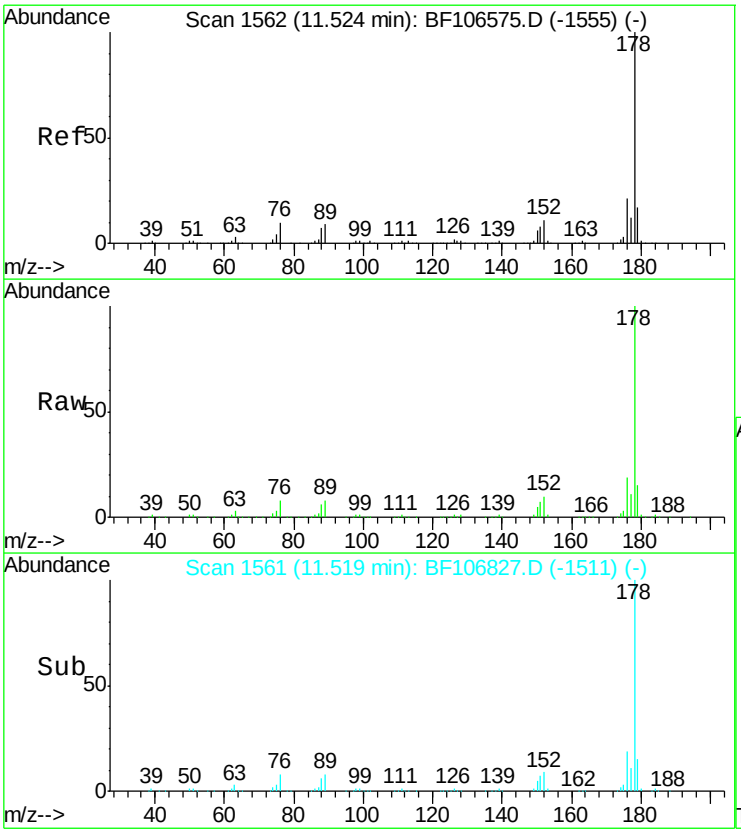
#66
4-Bromophenyl-phenylether
Concen: 3.324 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:248 Resp: 5054

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.9	115.3#
141	387.2	74.4	111.6#

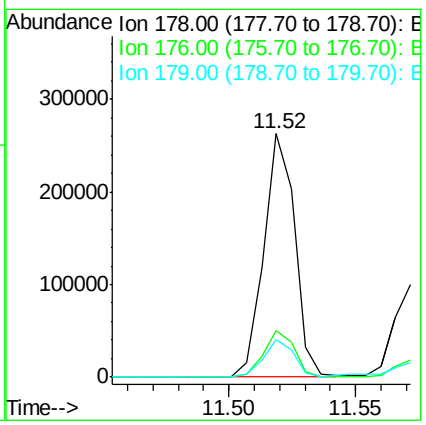


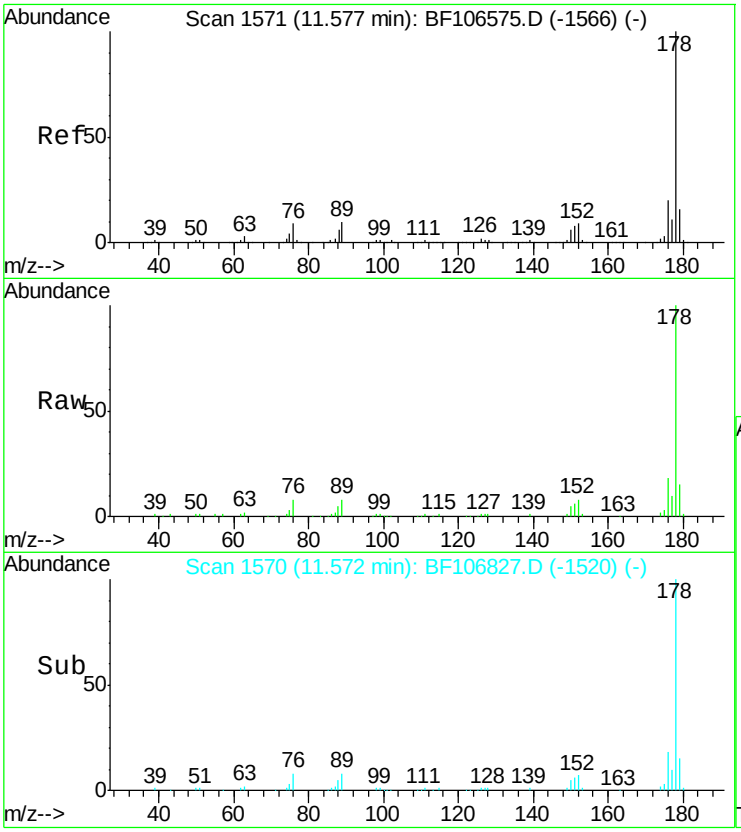


#70
Phenanthrene
Concen: 36.585 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:178 Resp: 224790

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6



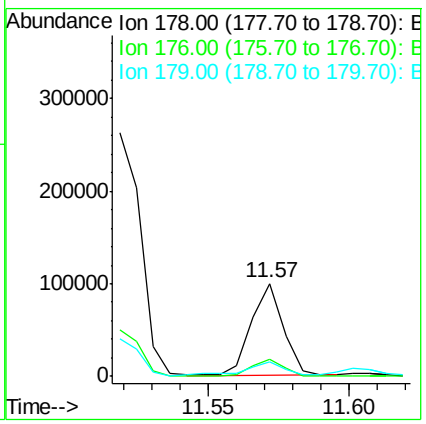


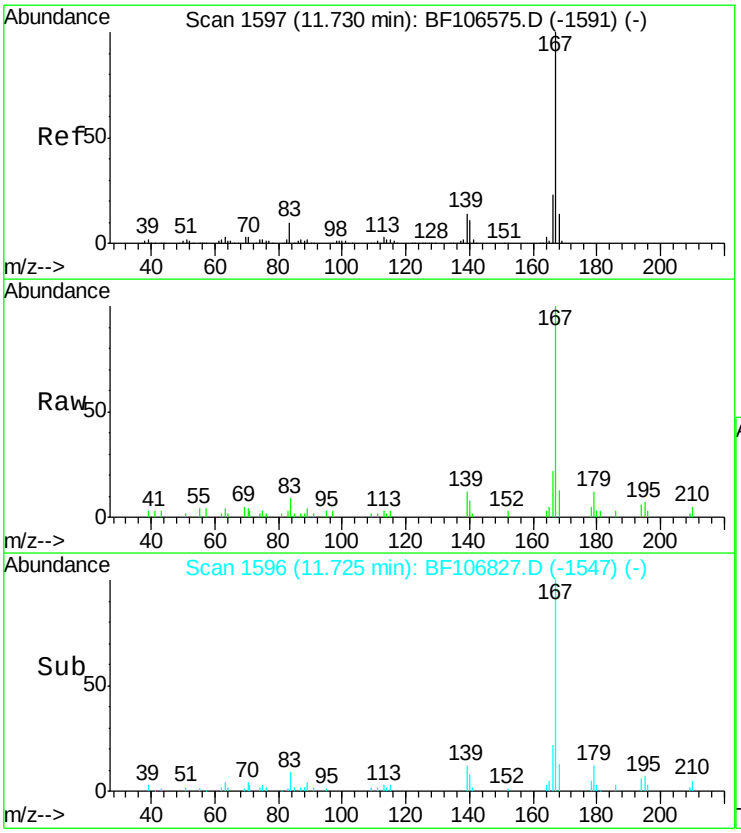
#71
Anthracene
Concen: 12.463 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:178 Resp: 78164

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.1	12.6	19.0

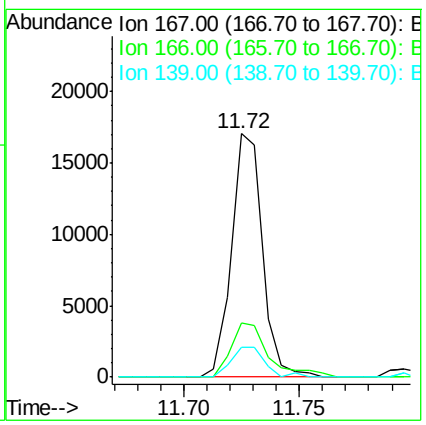


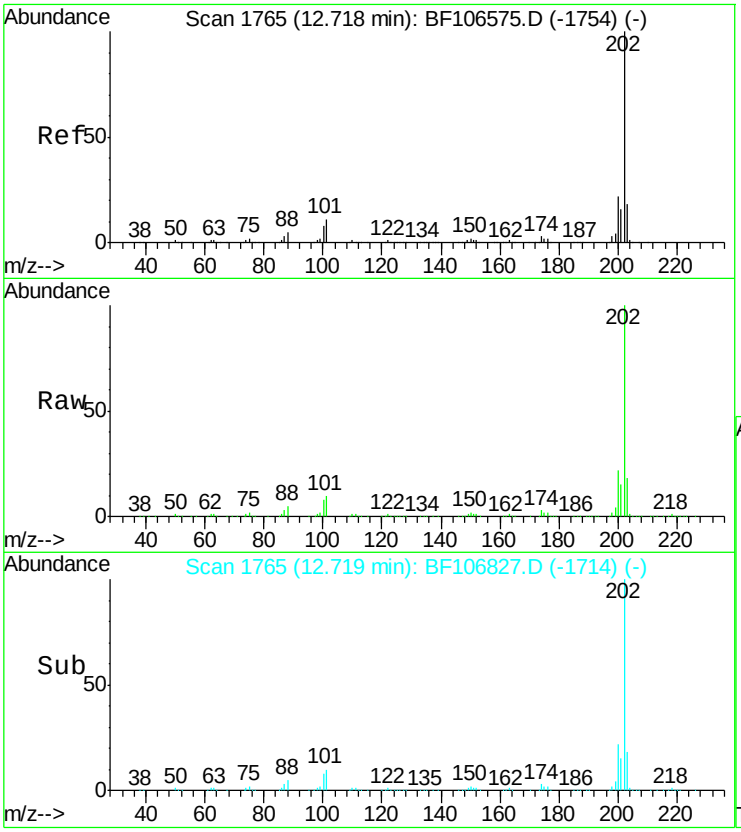


#72
Carbazole
Concen: 2.710 ng
RT: 11.72 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:167 Resp: 15911

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.0	10.9	16.3



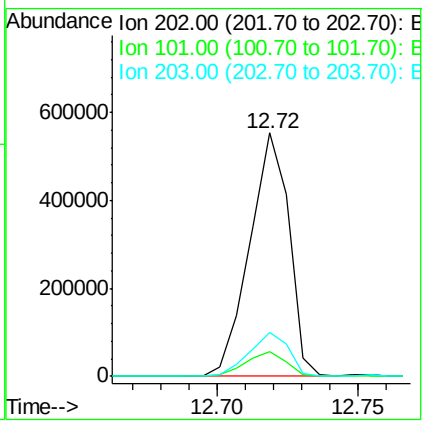


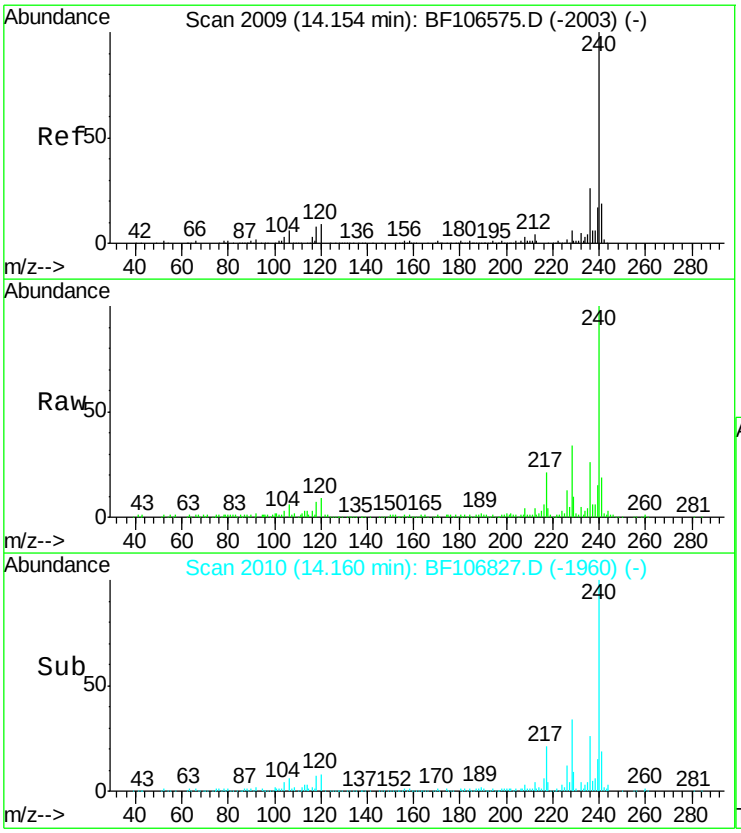
#74
Fluoranthene
Concen: 79.117 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:202 Resp: 535798

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	18.2	0.0	38.1

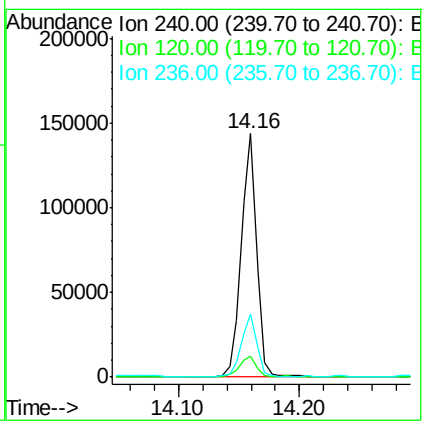


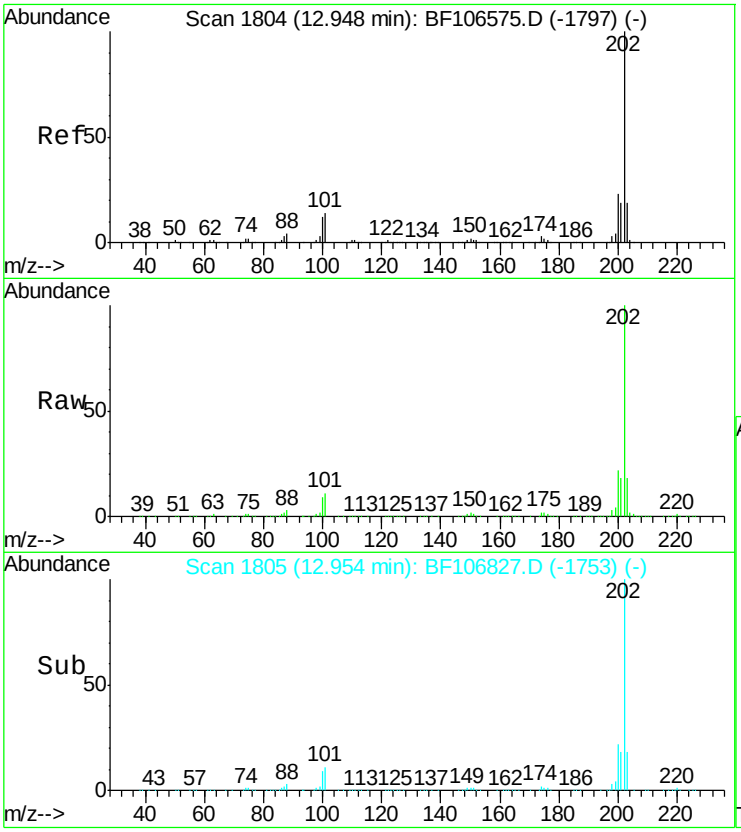


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:240 Resp: 130041

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.9	20.7	31.1



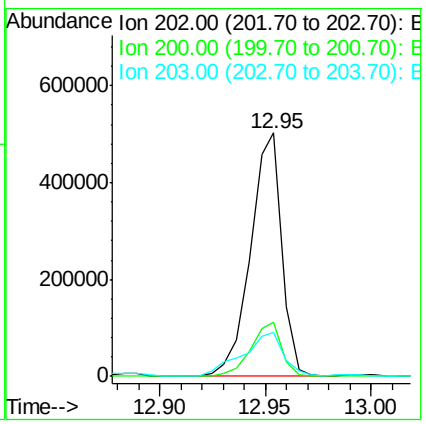


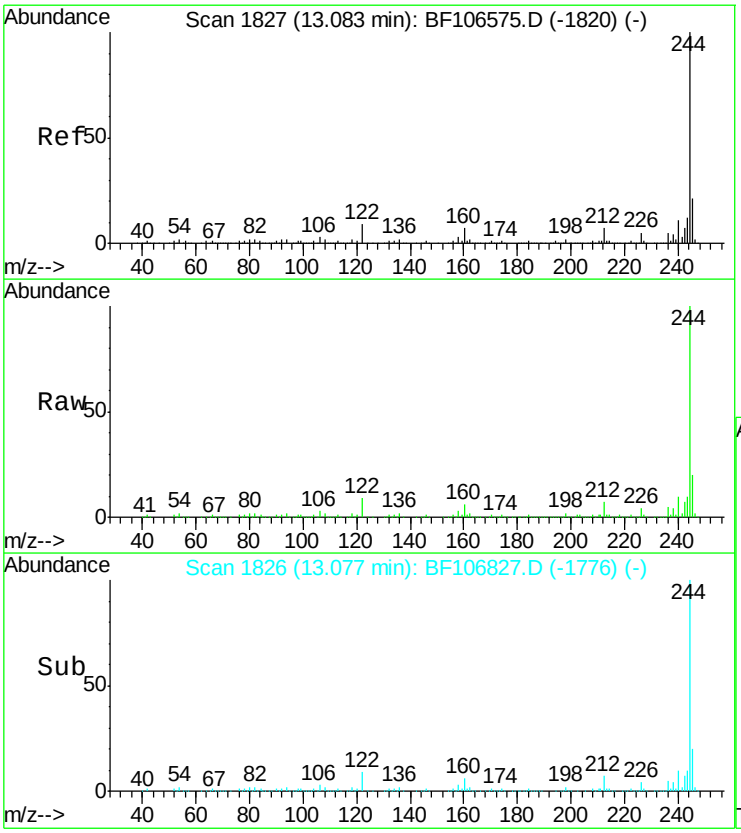
#77
Pyrene
Concen: 60.206 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:202 Resp: 516286

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.3	14.3	21.5

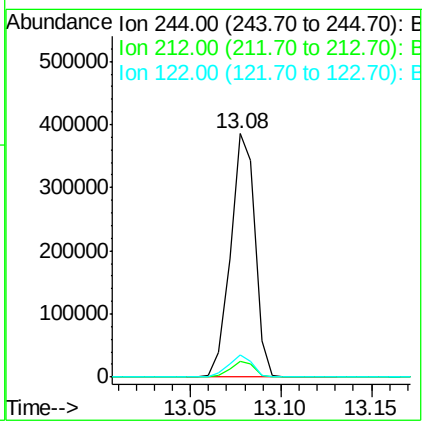


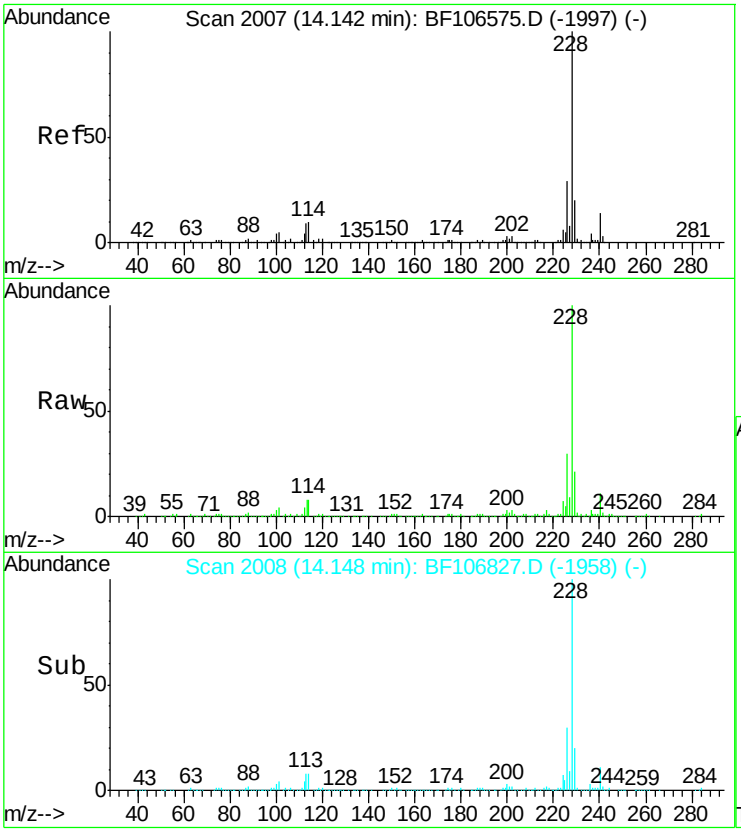


#78
Terphenyl-d14
Concen: 67.035 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:244 Resp: 359879

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.3	11.0	16.4#



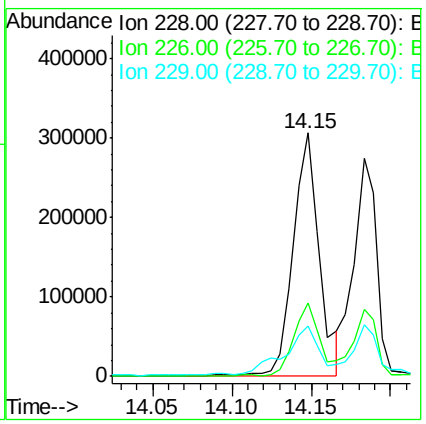


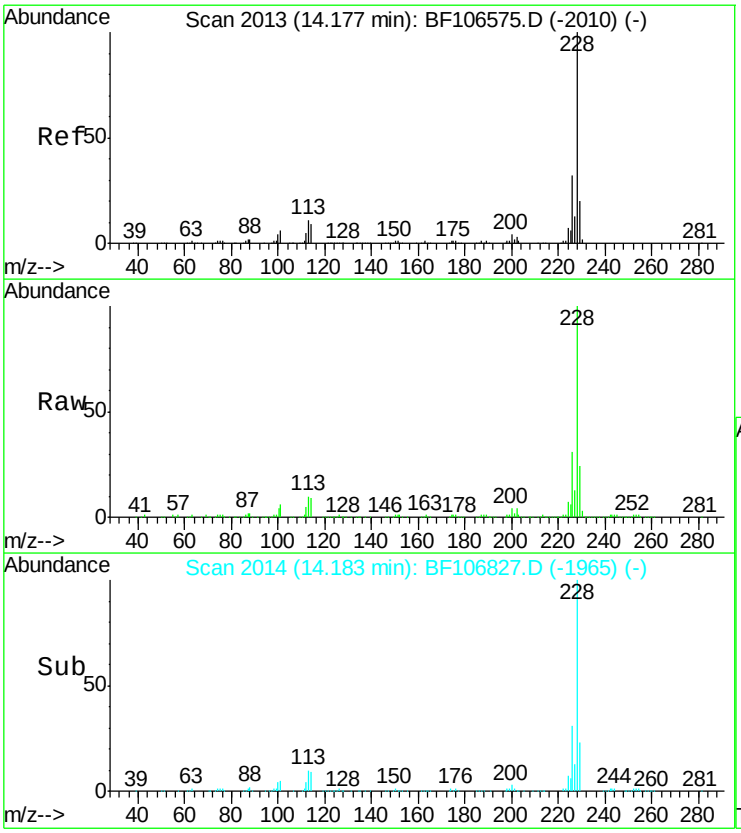
#80
Benzo(a)anthracene
Concen: 44.013 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:228 Resp: 348828

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.8	15.8	23.6

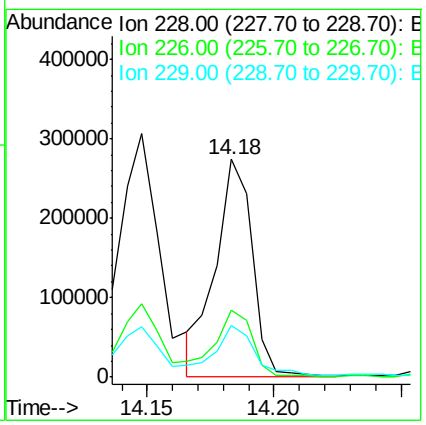


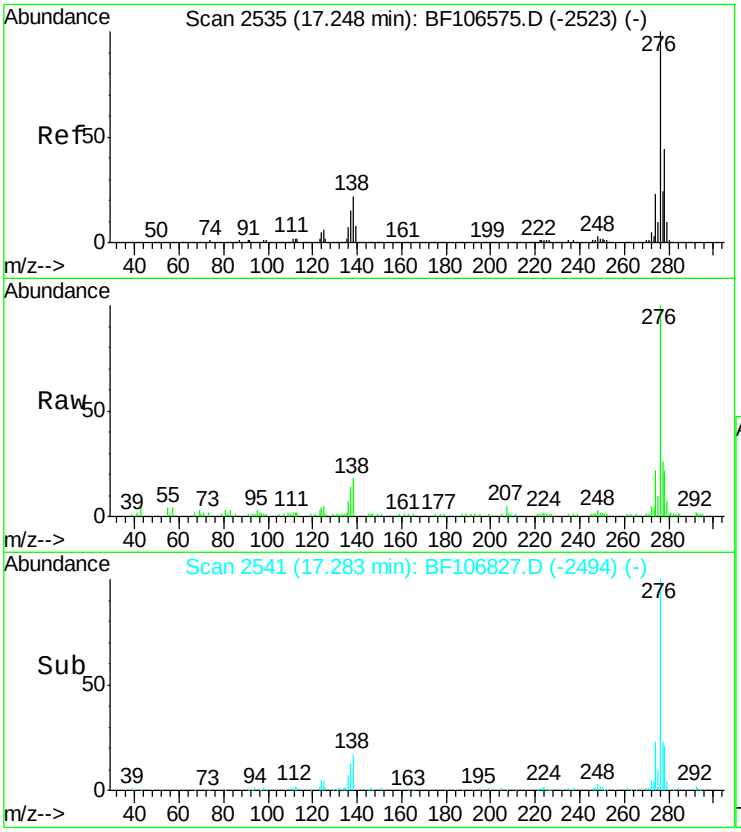


#82
Chrysene
Concen: 37.629 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:228 Resp: 274369

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.7	16.2	24.4



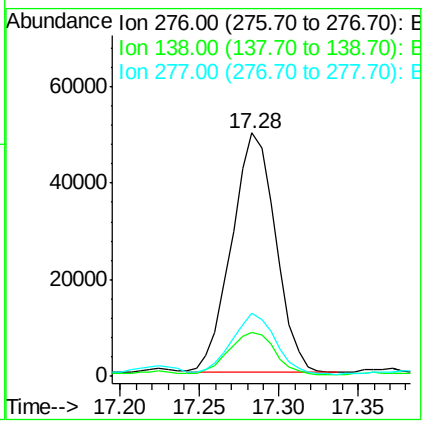


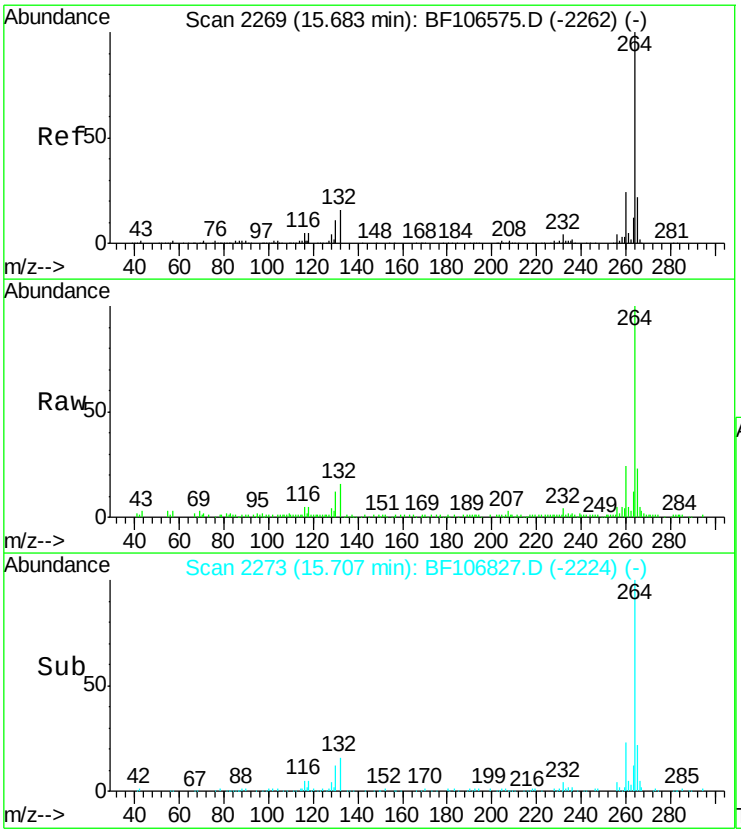
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.489 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:276 Resp: 95844

Ion	Ratio	Lower	Upper
276	100		
138	19.1	25.0	37.6#
277	24.8	20.1	30.1

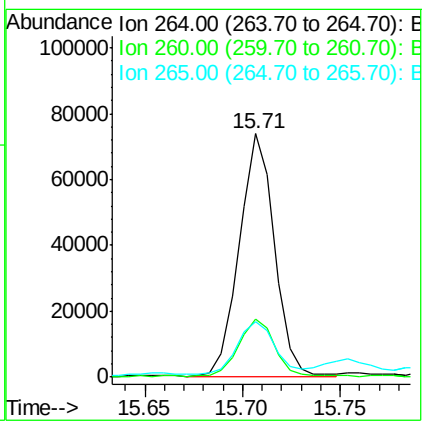


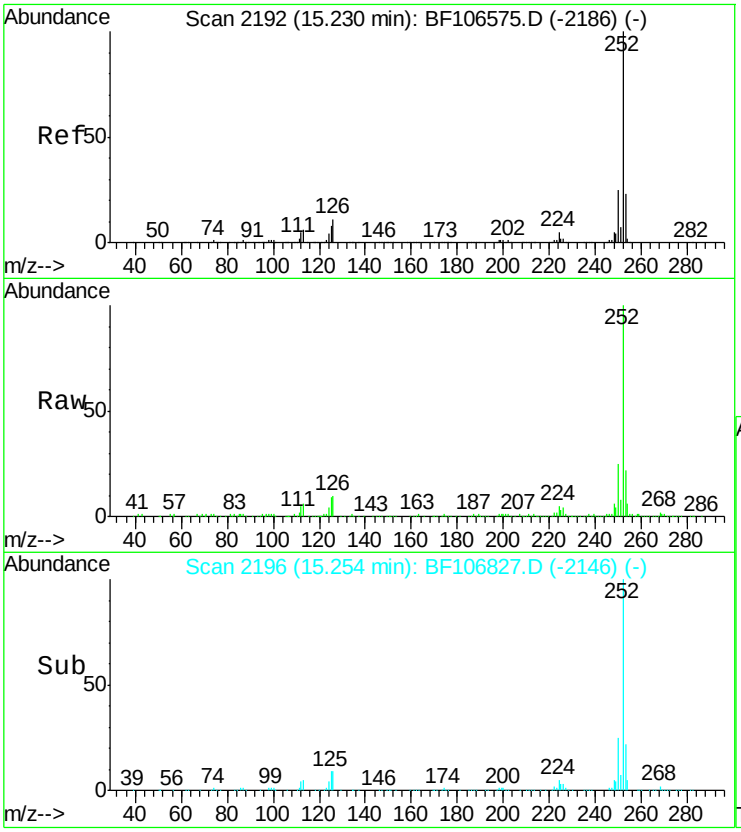


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:264 Resp: 91888

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	17.5	26.3



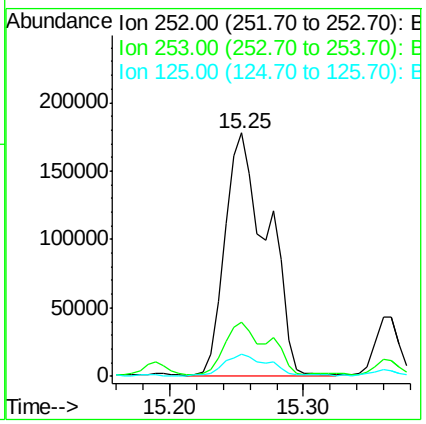


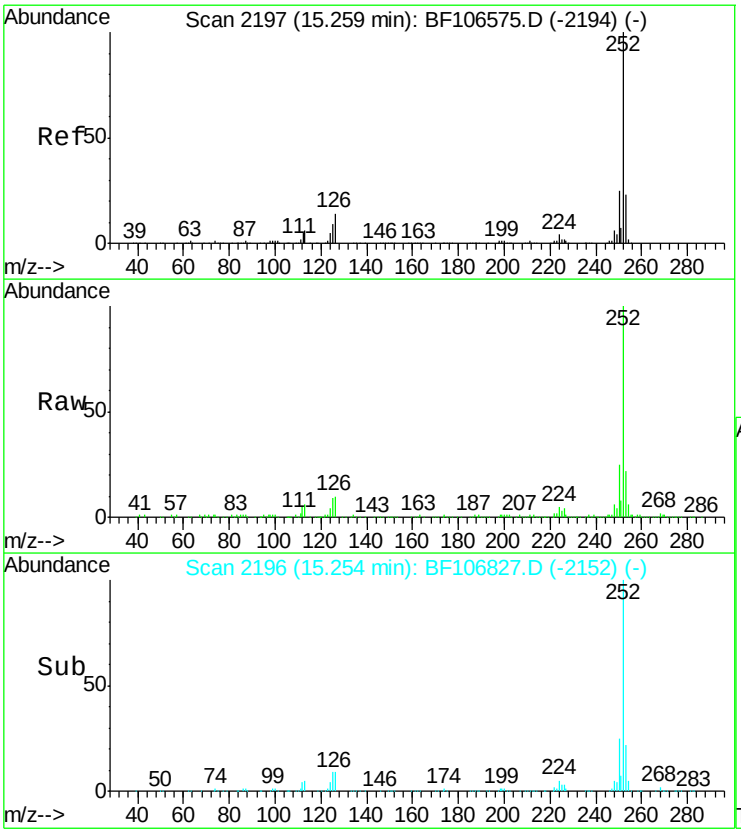
#87
Benzo(b)fluoranthene
Concen: 68.809 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:252 Resp: 392762

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.9	9.0	13.6#

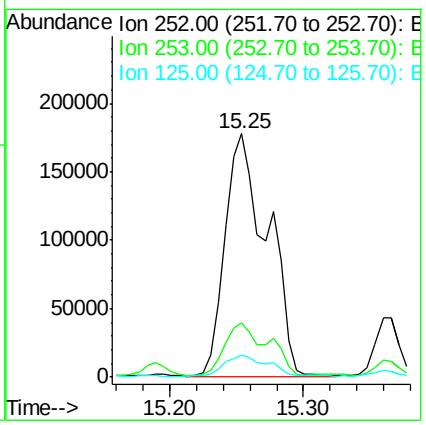


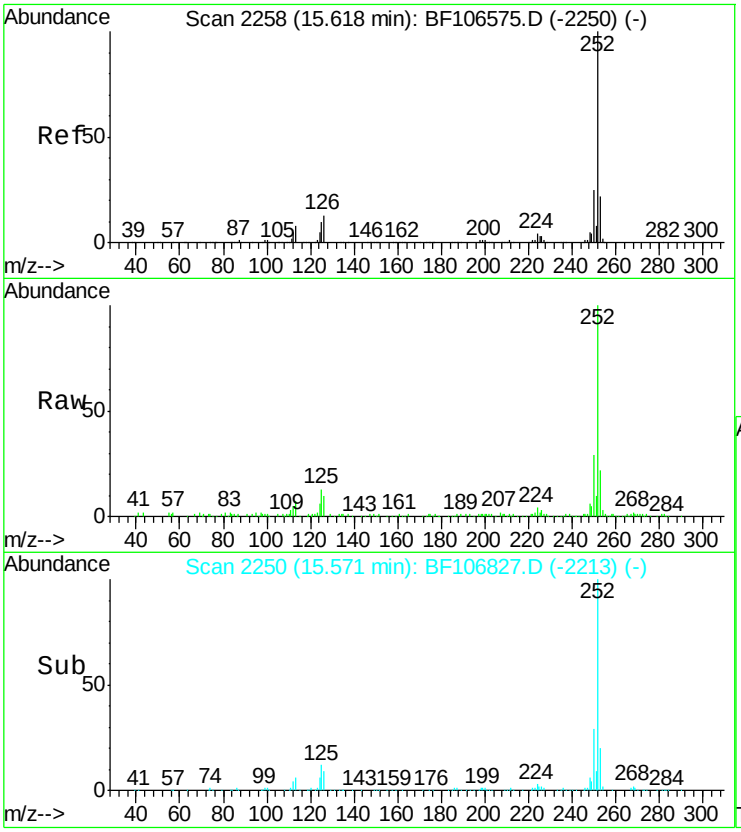


#88
Benzo(k)fluoranthene
Concen: 72.255 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:252 Resp: 392762

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.9	10.2	15.2#



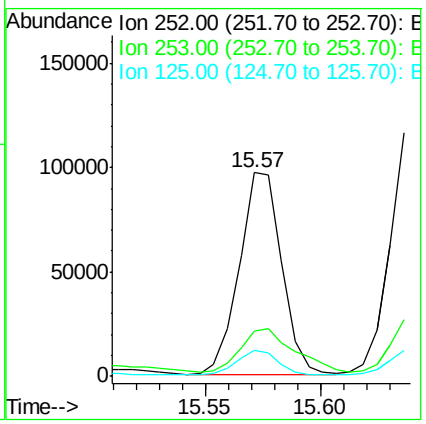


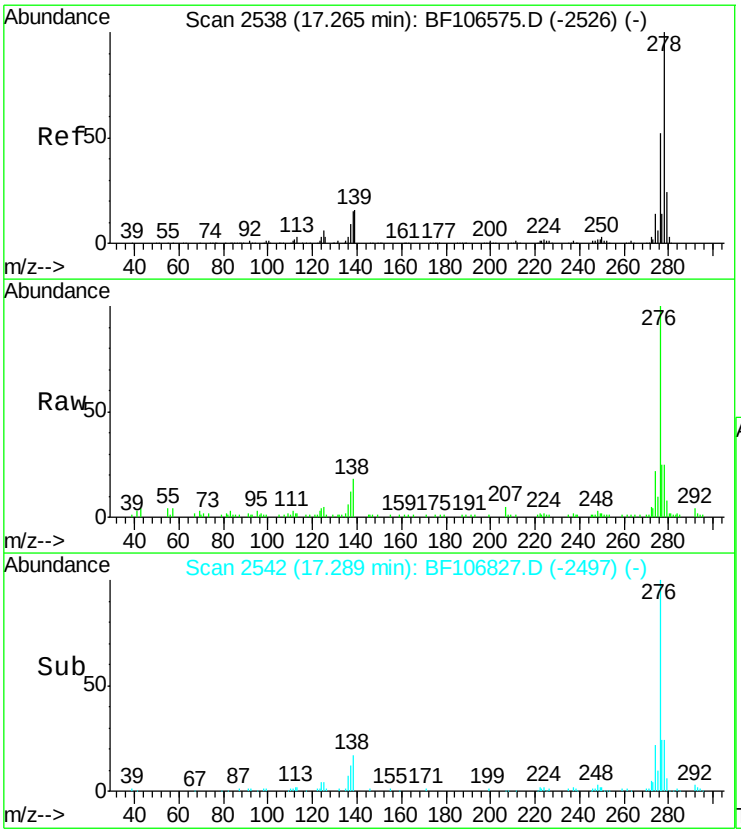
#89
Benzo(a)pyrene
Concen: 24.670 ng
RT: 15.57 min Scan# 2250
Delta R.T. -0.08 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:252 Resp: 125181

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.6	9.8	14.6

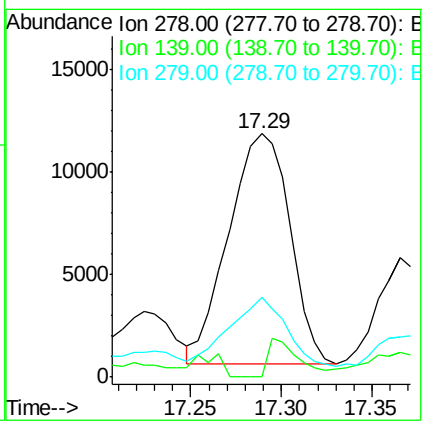


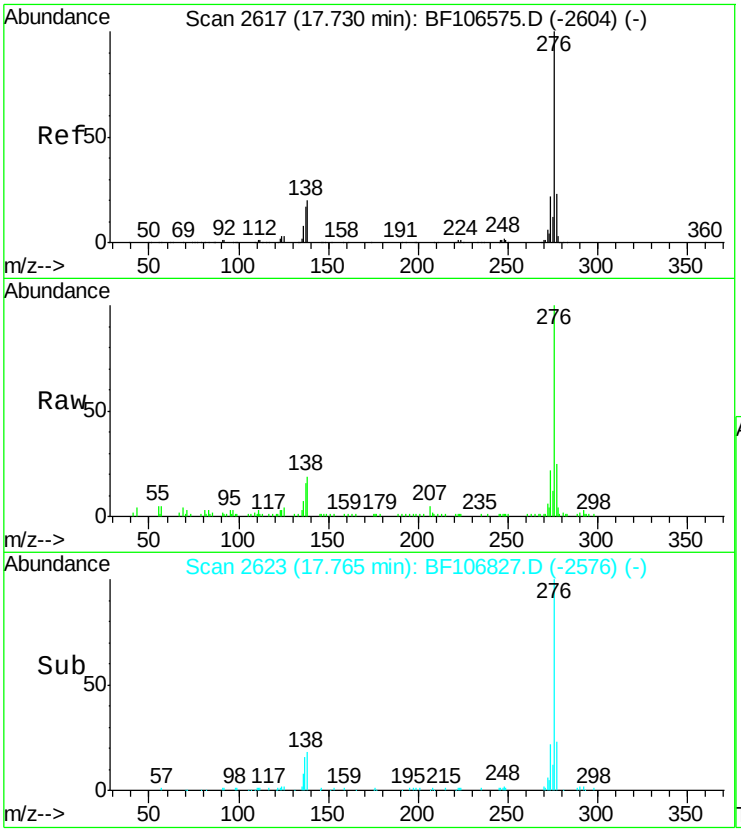


#90
Dibenzo(a,h)anthracene
Concen: 6.143 ng
RT: 17.29 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:278 Resp: 26418

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	32.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 21.642 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:276 Resp: 90969

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	19.0	21.8	32.8#