Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106617.D
Acq On : 20 Jun 2018 8:36
Operator : JU/SJ
Sample : J3249-07DL 4X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 20 08:58:13 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	102463	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	378207	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	151113	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	256702	20.00	ng		0.00
75) Chrysene-d12	14.16	240	270069	20.00	ng		0.00
86) Perylene-d12	15.71	264	200666	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	107654	17.79	ng		0.00
7) Phenol-d6	6.60	99	132345	17.51	ng		-0.01
23) Nitrobenzene-d5	7.52	82	77893	11.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	23129	13.21	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	147910	2.20	ng		-0.01
78) Terphenyl-d14	13.08	244	145997	13.09	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	11171	2.243	ng	#	78
25) Isophorone	7.52	82	77892	6.495	ng	#	64
48) Acenaphthylene	9.87	152	35844	2.395	ng		100
50) 2,6-Dinitrotoluene	10.00	165	21767	9.070	ng	#	26
51) Acenaphthene	10.04	154	26751	2.838	ng		96
54) Dibenzofuran	10.21	168	31438	2.436	ng	#	94
55) 4-Nitrophenol	10.21	139	12776	6.628	ng	#	13
57) Fluorene	10.55	166	51374	5.017	ng		100
70) Phenanthrene	11.52	178	455175	36.763	ng		99
71) Anthracene	11.57	178	174417	13.801	ng		98
74) Fluoranthene	12.72	202	915192	67.064	ng		98
77) Pyrene	12.95	202	852726	47.881	ng		98
80) Benzo(a)anthracene	14.15	228	558498	33.931	ng		97
82) Chrysene	14.19	228	457359	30.203	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	168805	13.136	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	651384	52.256	ng		97
88) Benzo(k)fluoranthene	15.37	252	86252	7.266	ng		93
89) Benzo(a)pyrene	15.64	252	332324	29.990	ng		96
90) Dibenzo(a,h)anthracene	17.28	278	42690	4.546	ng	#	71
91) Benzo(g,h,i)perylene	17.76	276	162937	17.751	ng	#	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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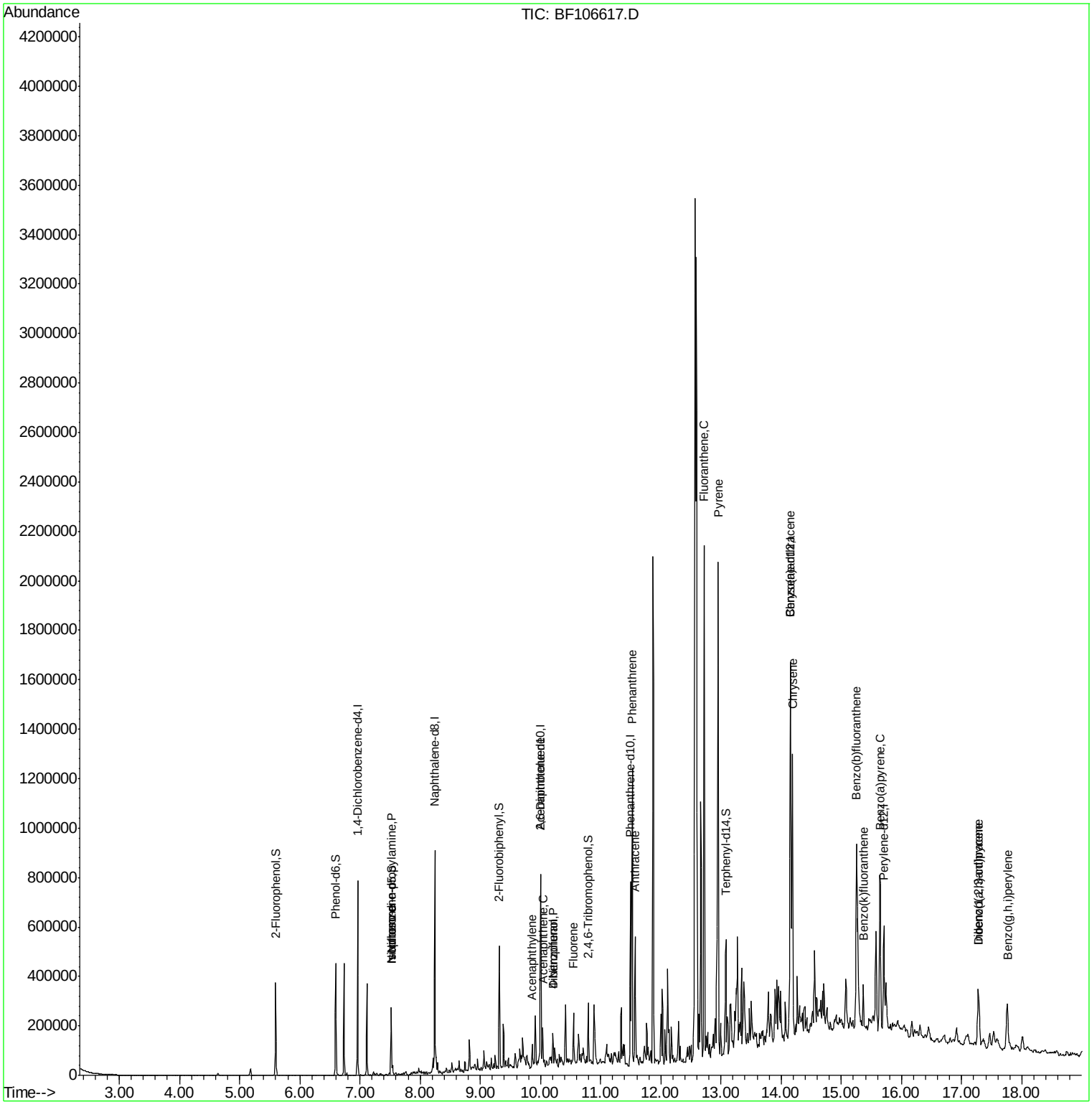
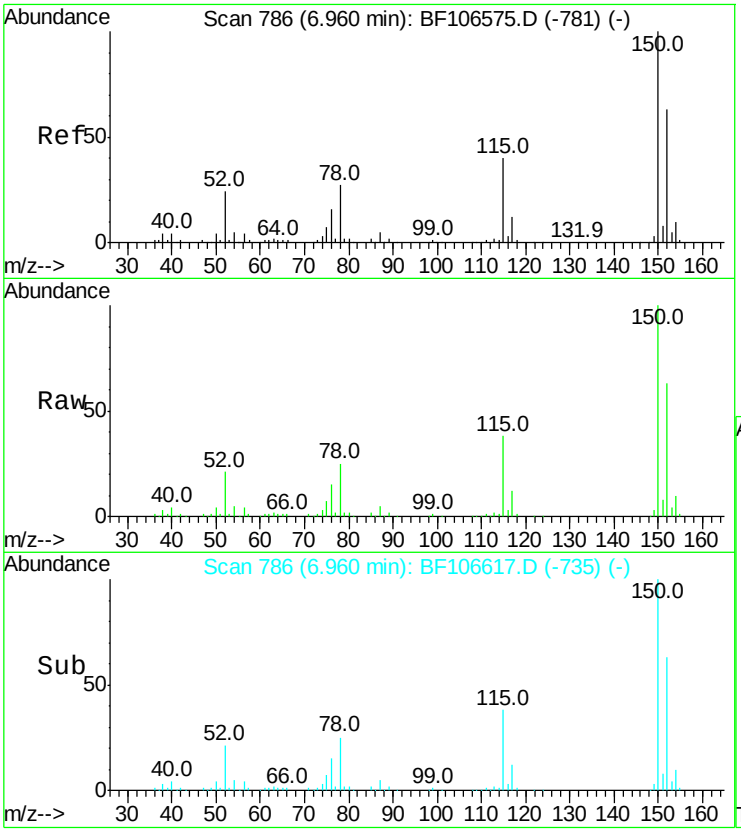


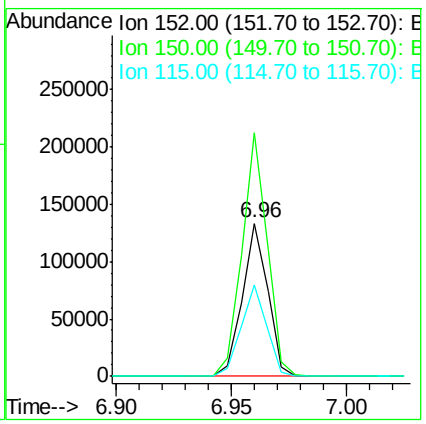


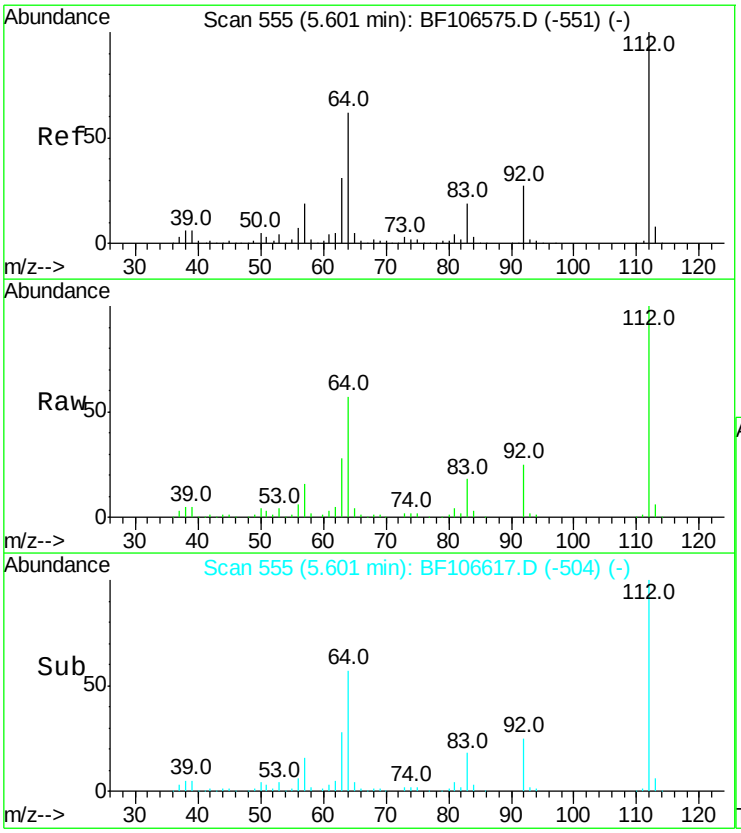
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102463

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	59.8	50.1	75.1

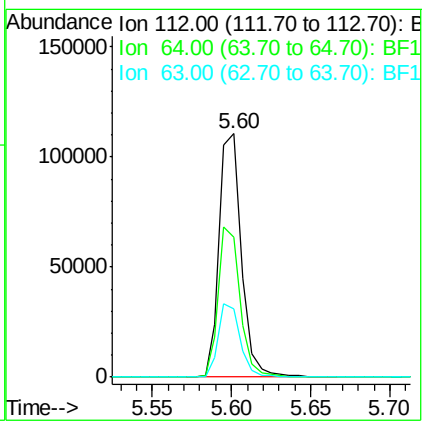


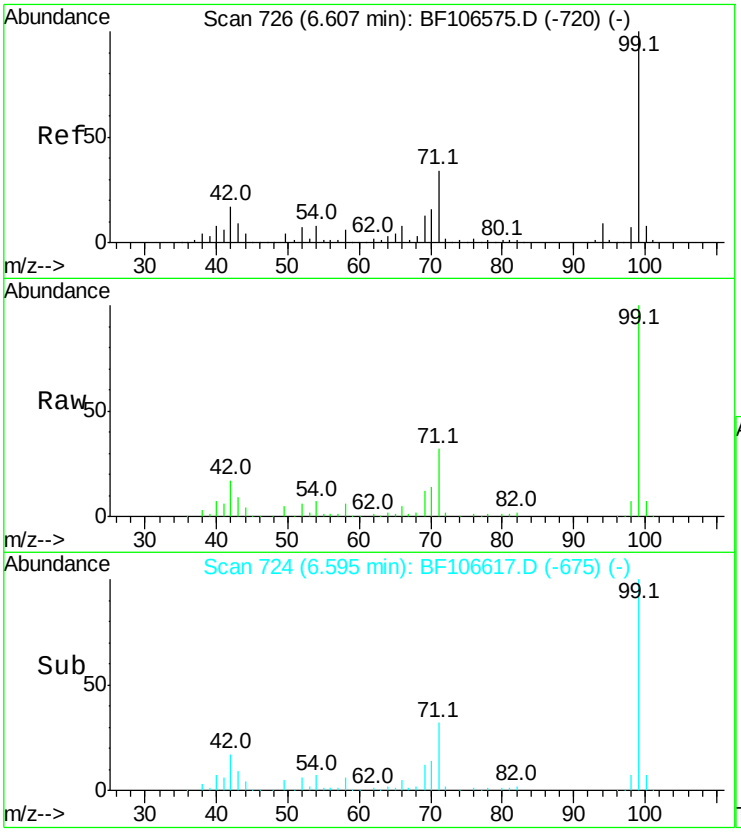


#5
2-Fluorophenol
Concen: 17.791 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:112 Resp: 107654

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	28.0	23.7	35.5



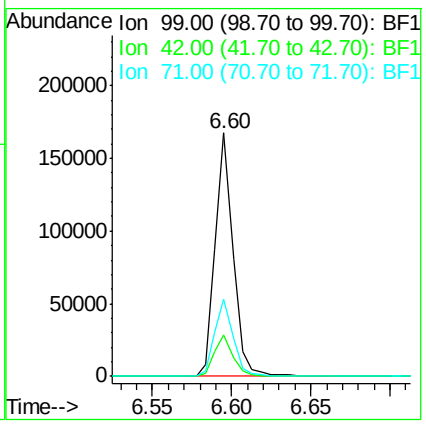


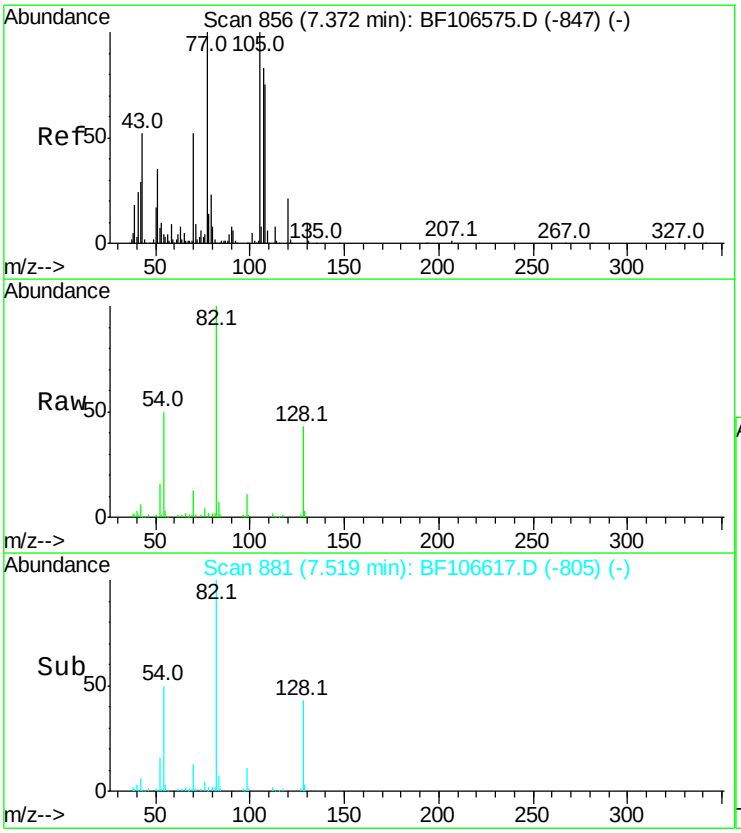
#7
Phenol-d6
Concen: 17.514 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 132345

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	31.8	25.4	38.0

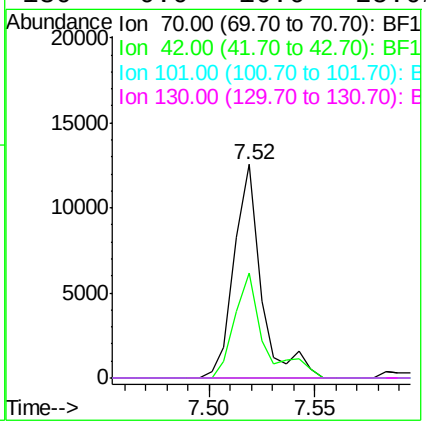


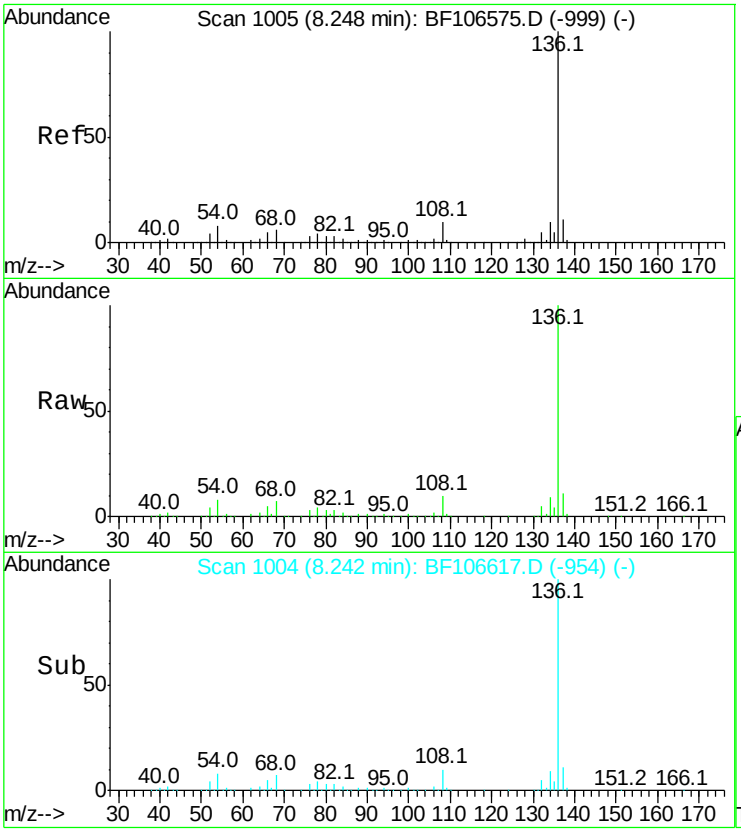


#19
n-Nitroso-di-n-propylamine
Concen: 2.243 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 70 Resp: 11171

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



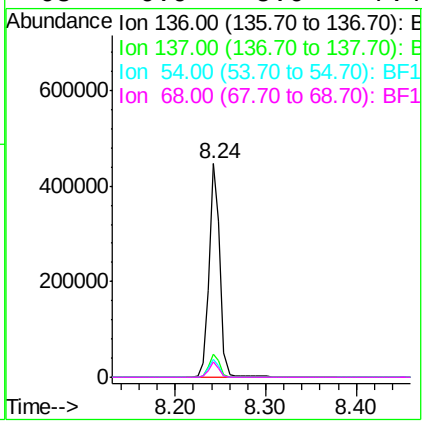


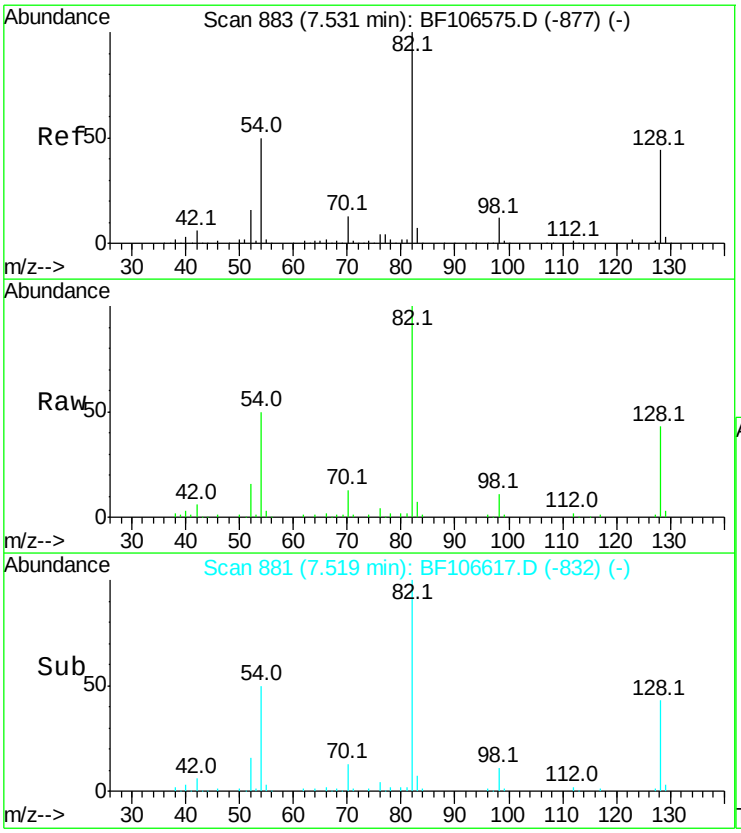
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 378207

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.9	5.0	7.4

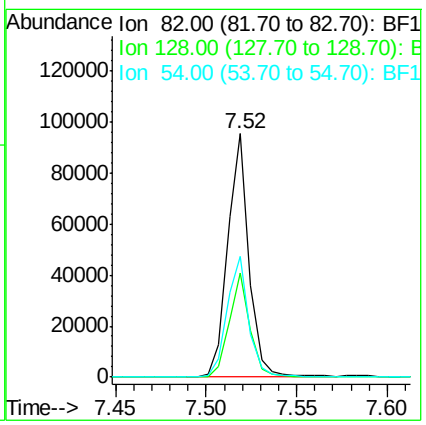


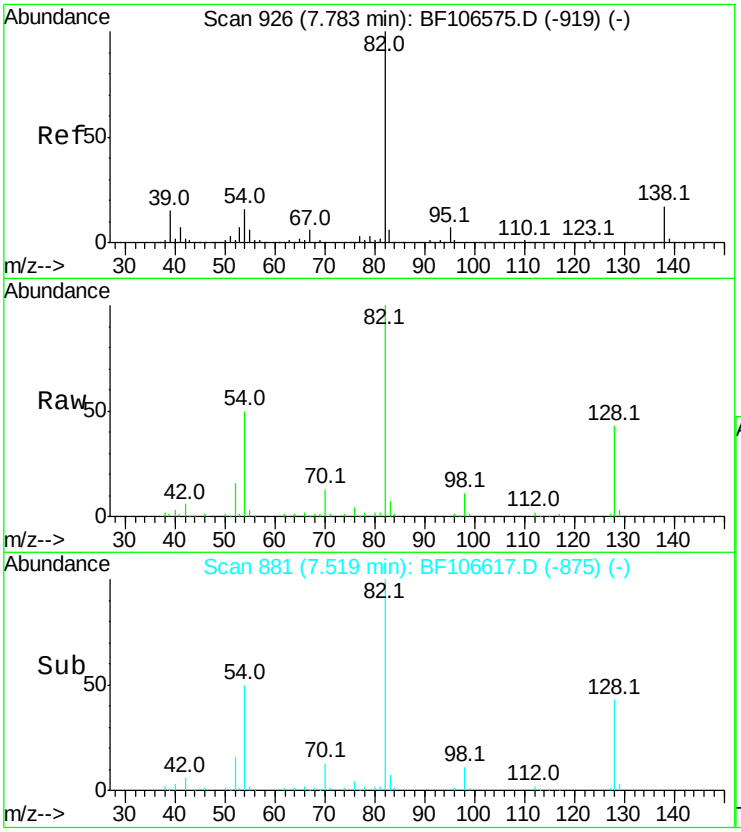


#23
Nitrobenzene-d5
Concen: 11.446 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 82 Resp: 77893

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	49.6	41.4	62.2



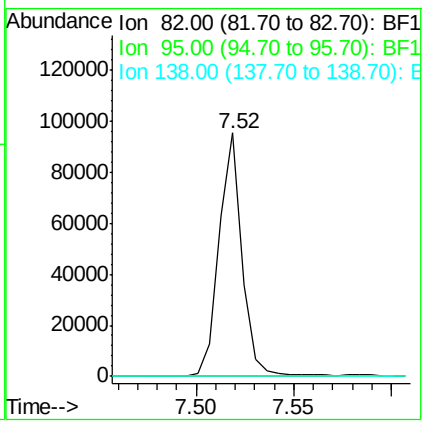


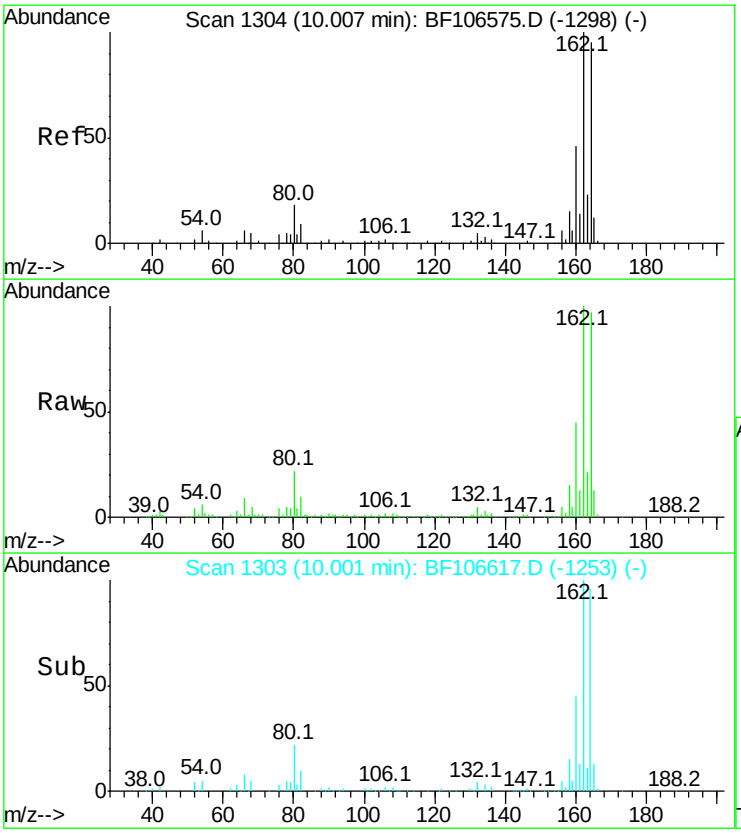
#25
Isophorone
Concen: 6.495 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 77892

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

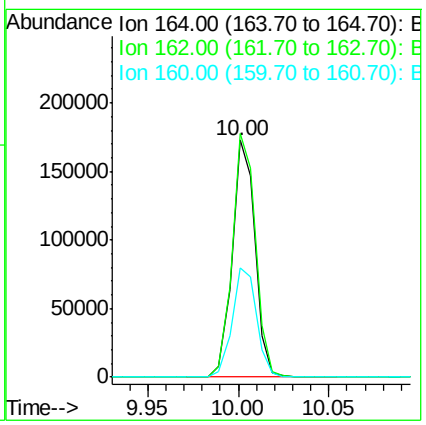


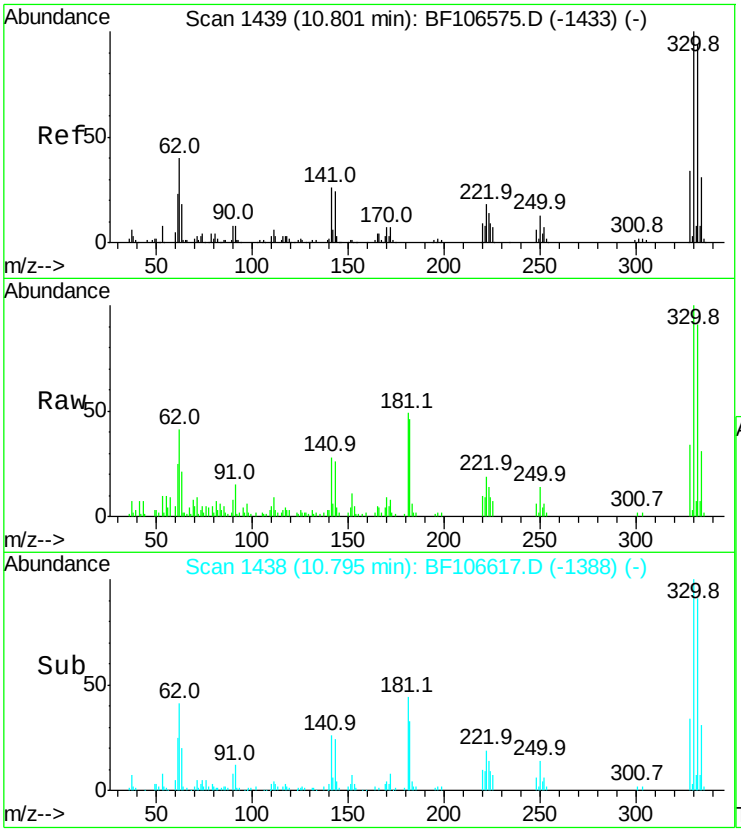


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:164 Resp: 151113

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.1	38.3	57.5



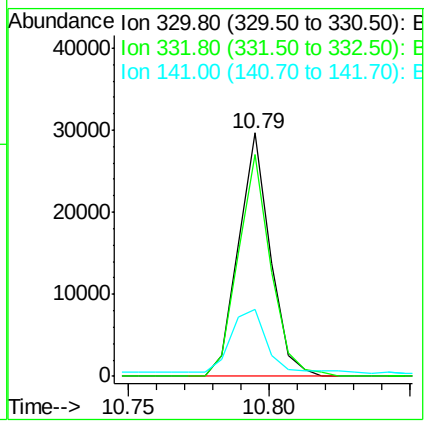


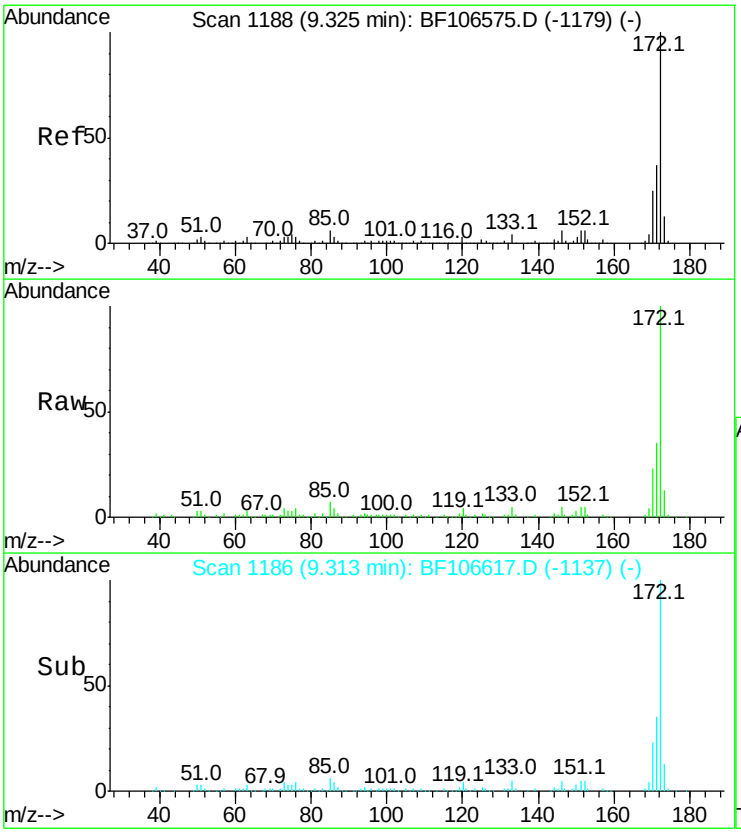
#41
2,4,6-Tribromophenol
Concen: 13.206 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 23129

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	31.8	29.9	44.9

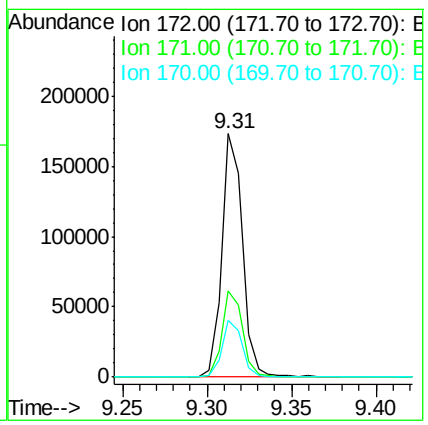


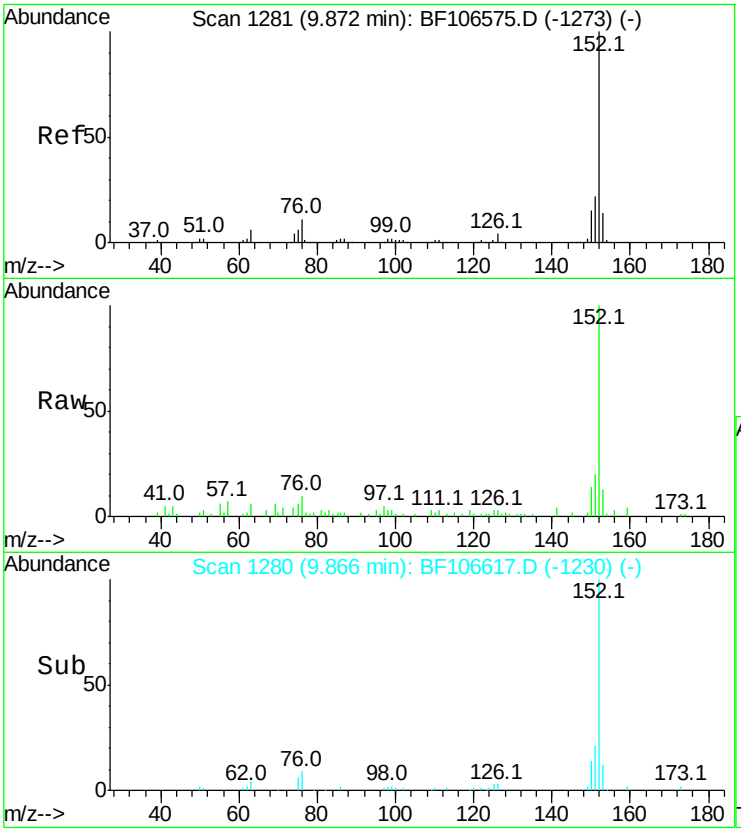


#44
2-Fluorobiphenyl
Concen: 2.198 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:172 Resp: 147910

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	19.6	29.4



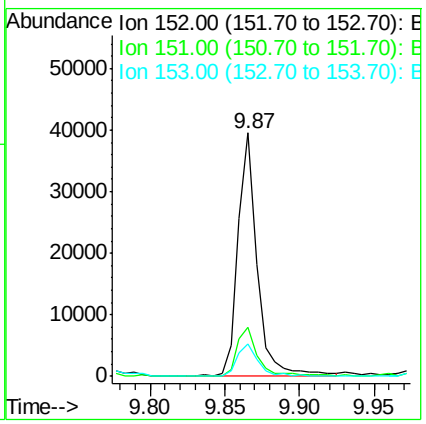


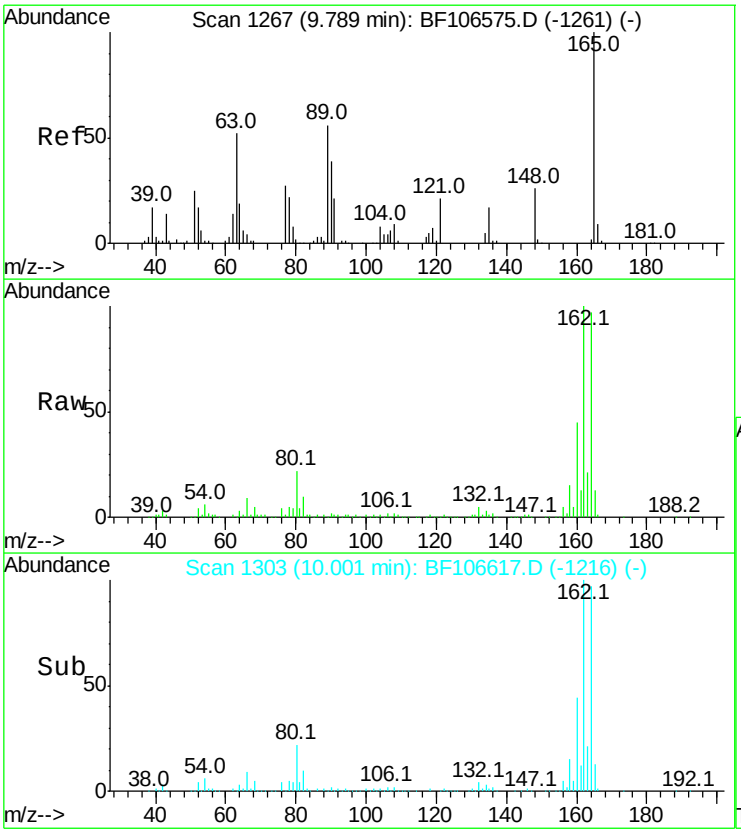
#48
Acenaphthylene
Concen: 2.395 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 35844

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.2	10.7	16.1

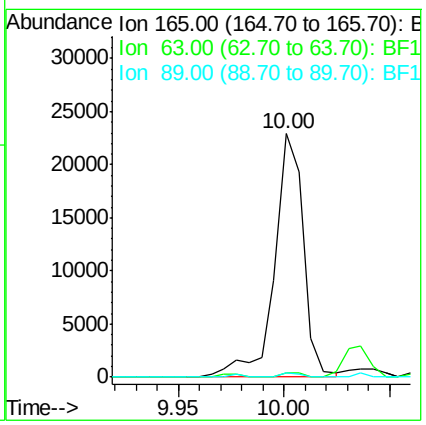


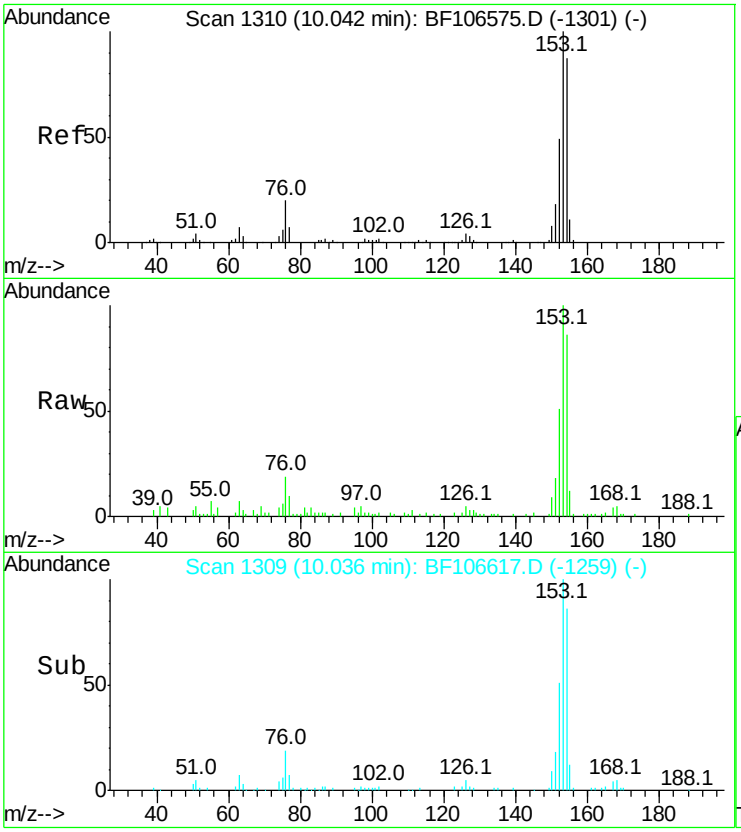


#50
2,6-Dinitrotoluene
Concen: 9.070 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:165 Resp: 21767

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.7	44.0	66.0#



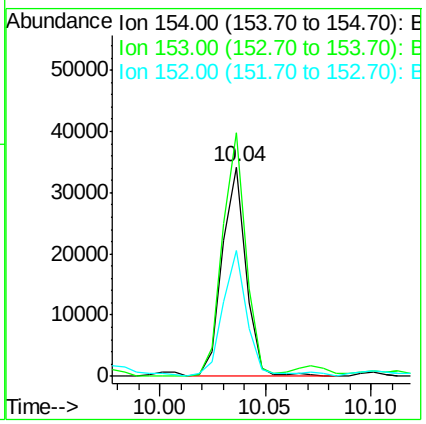


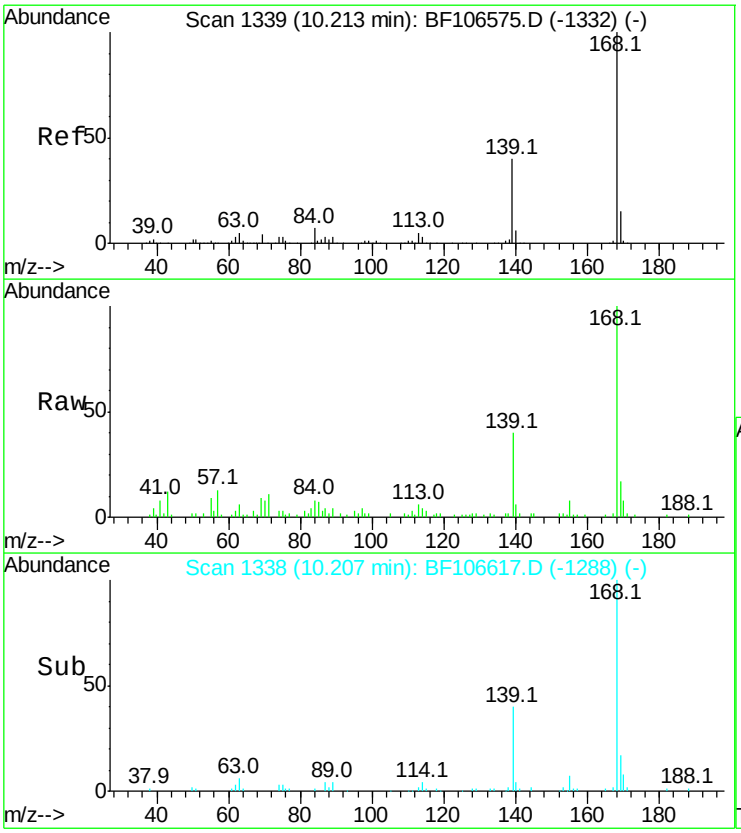
#51
Acenaphthene
Concen: 2.838 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 26751

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.2	136.8
152	59.8	43.8	65.8

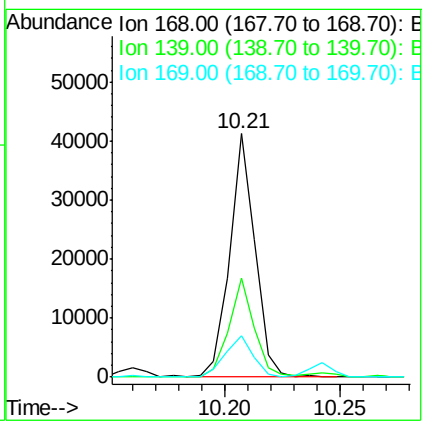


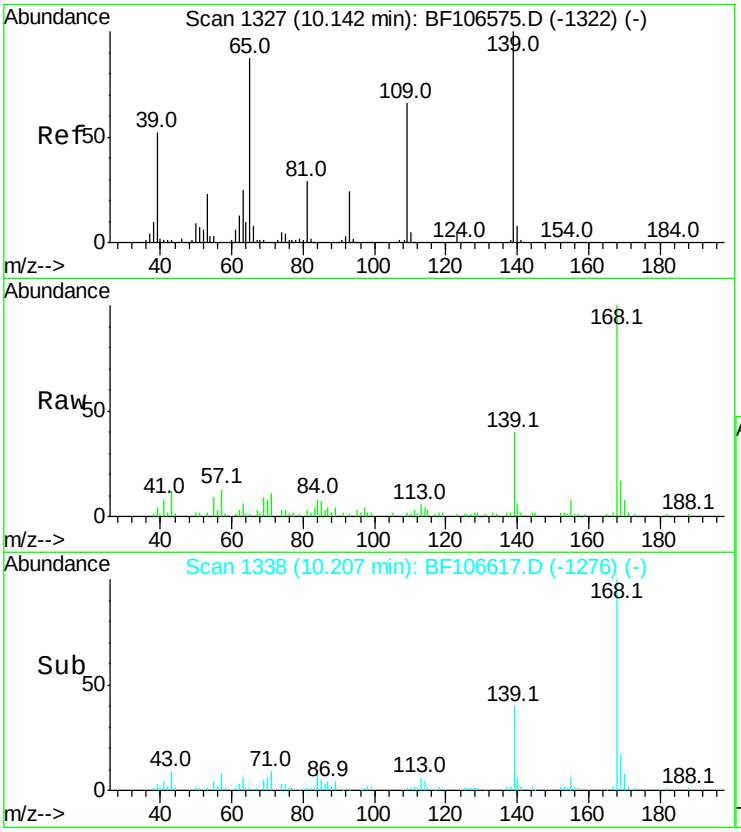


#54
Dibenzofuran
Concen: 2.436 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:168 Resp: 31438

Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.1	45.1
169	16.9	10.9	16.3#



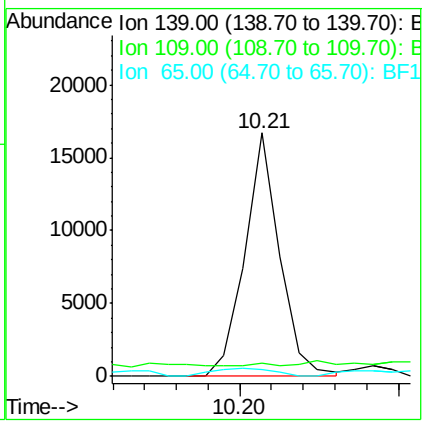


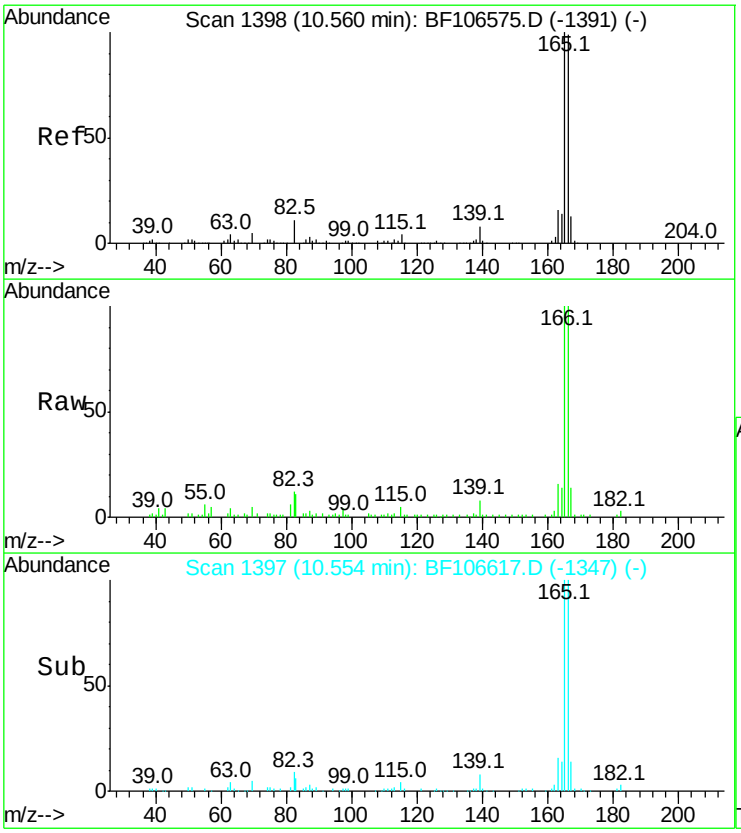
#55
4-Nitrophenol
Concen: 6.628 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 12776

Ion	Ratio	Lower	Upper
139	100		
109	5.5	48.4	88.4#
65	2.9	72.6	112.6#

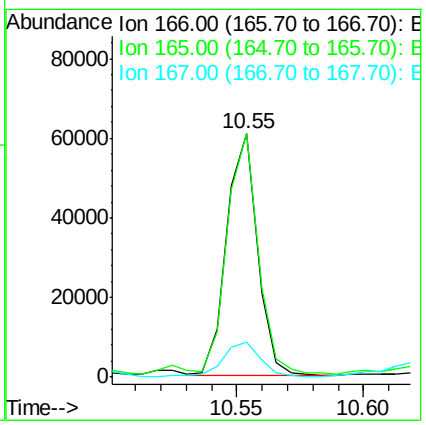


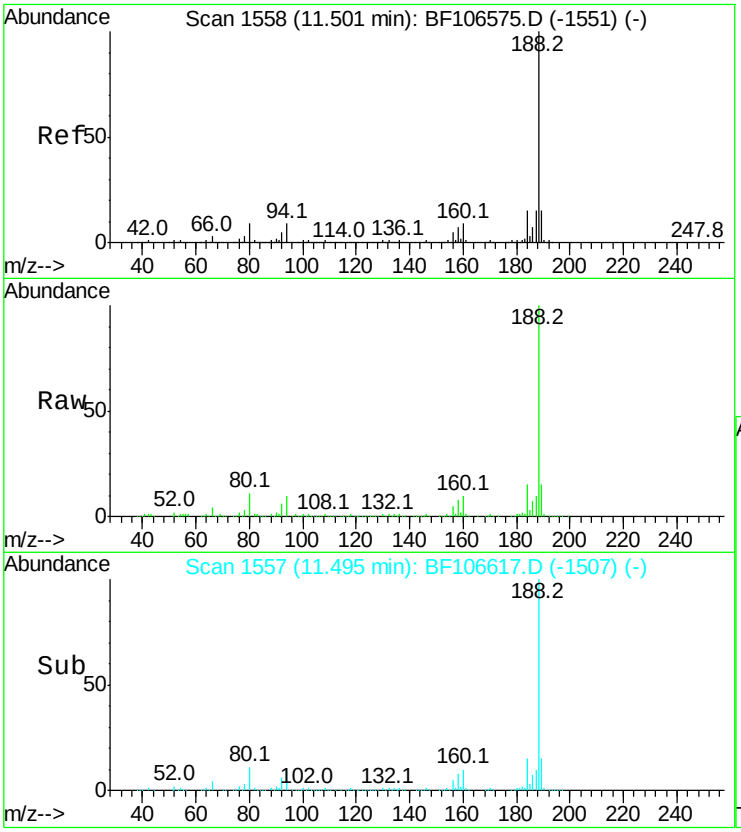


#57
Fluorene
Concen: 5.017 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:166 Resp: 51374

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	14.5	10.6	16.0



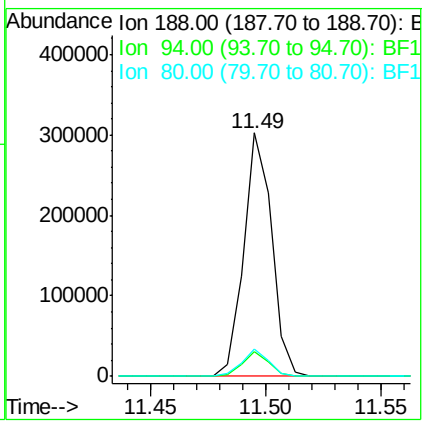


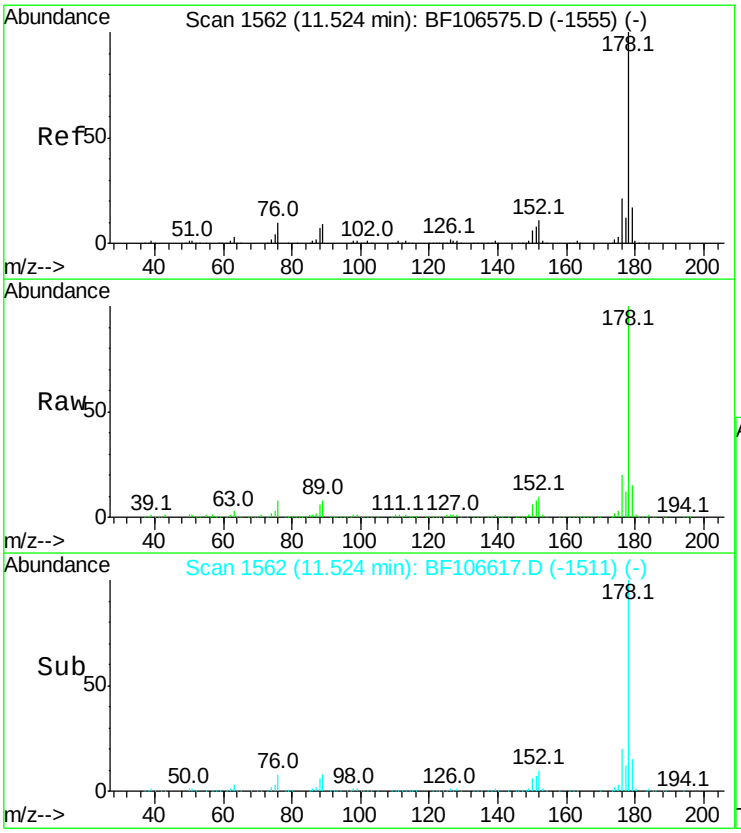
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 256702

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8

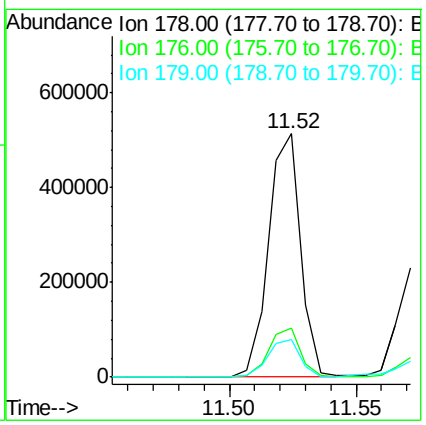


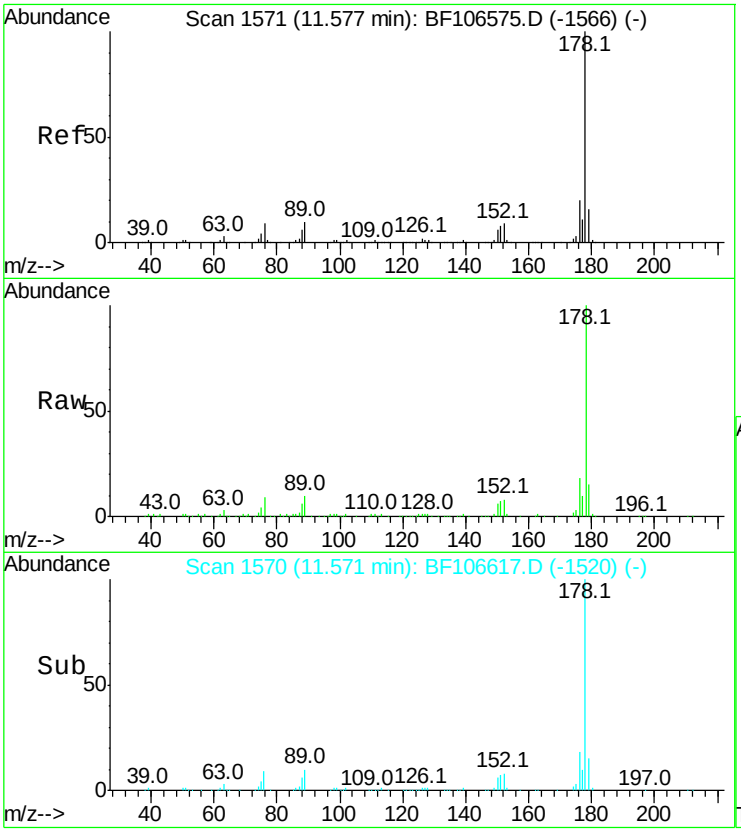


#70
Phenanthrene
Concen: 36.763 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:178 Resp: 455175

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6



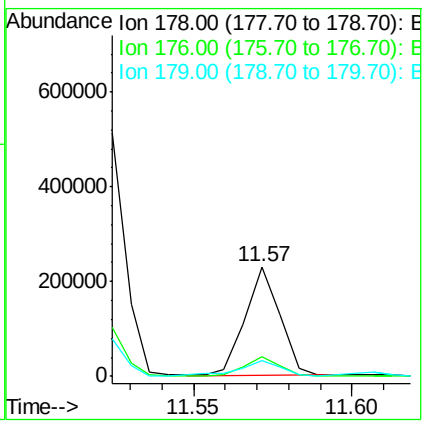


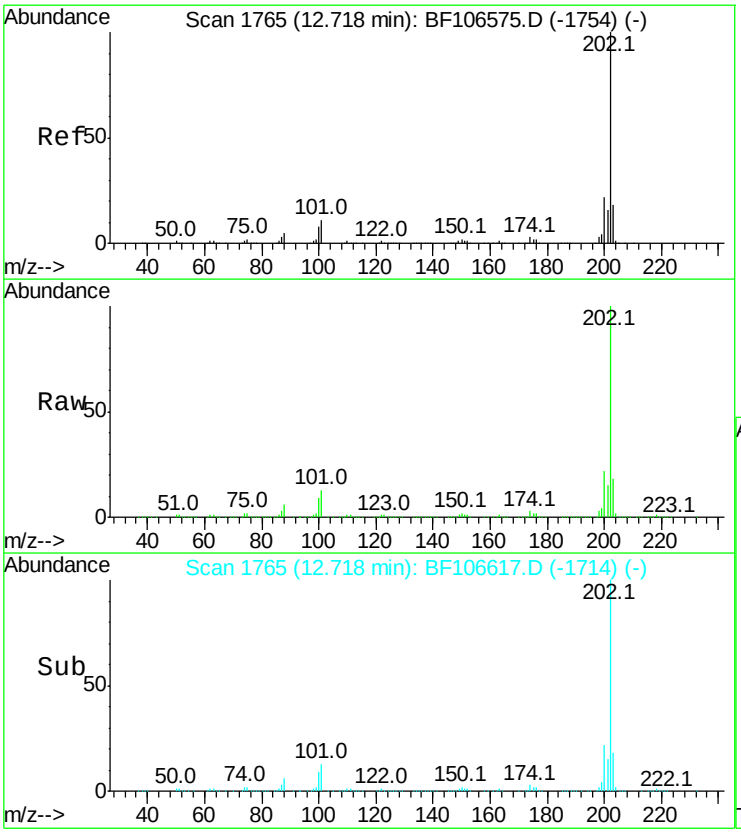
#71
Anthracene
Concen: 13.801 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 174417

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.0	12.6	19.0

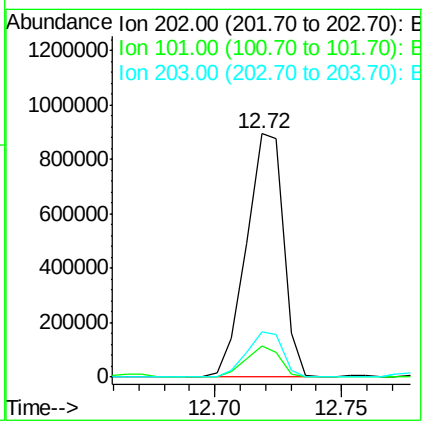


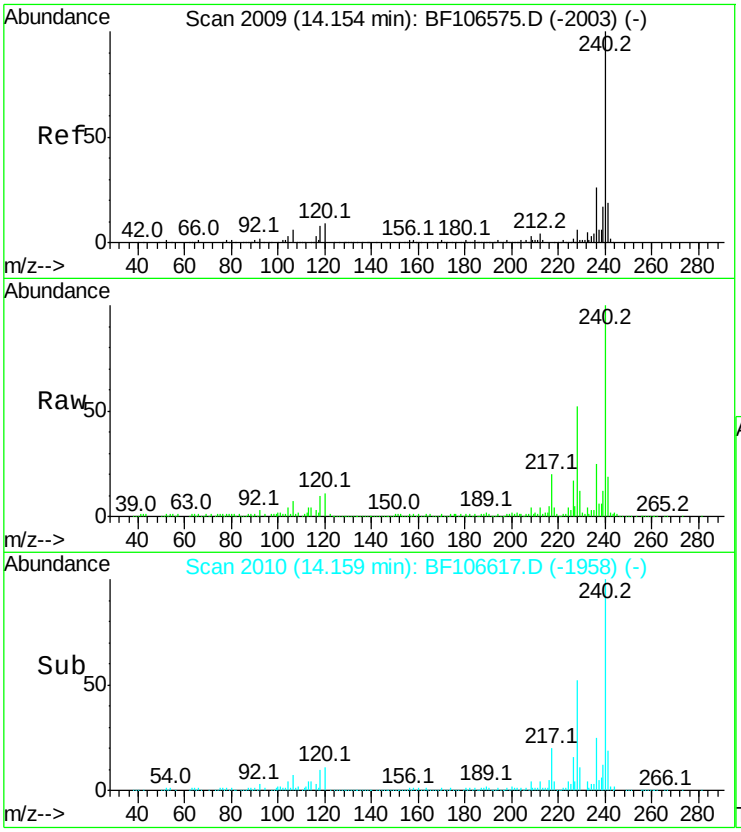


#74
Fluoranthene
Concen: 67.064 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:202 Resp: 915192

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.5	0.0	38.1



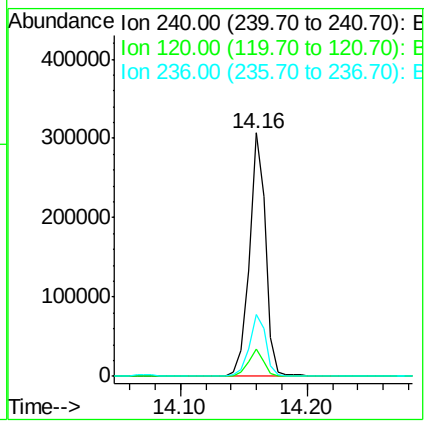


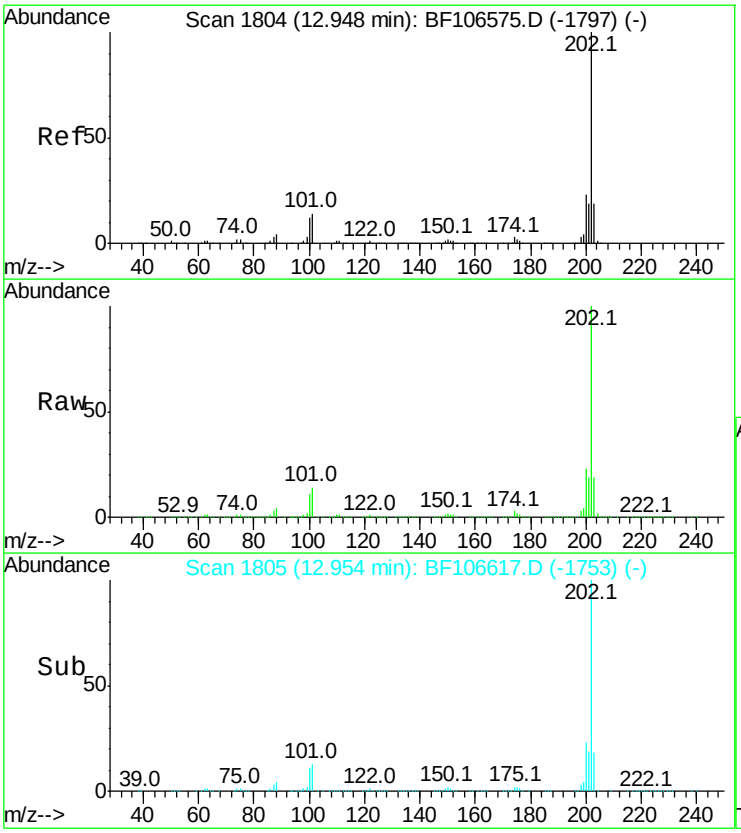
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 270069

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.4	20.7	31.1

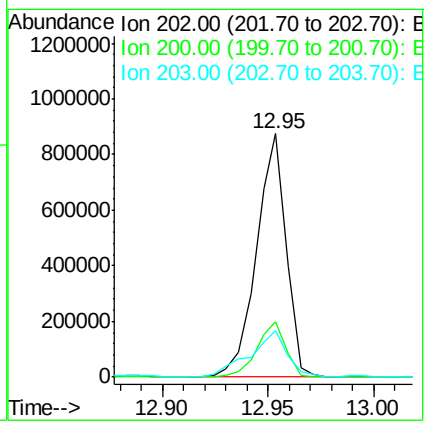


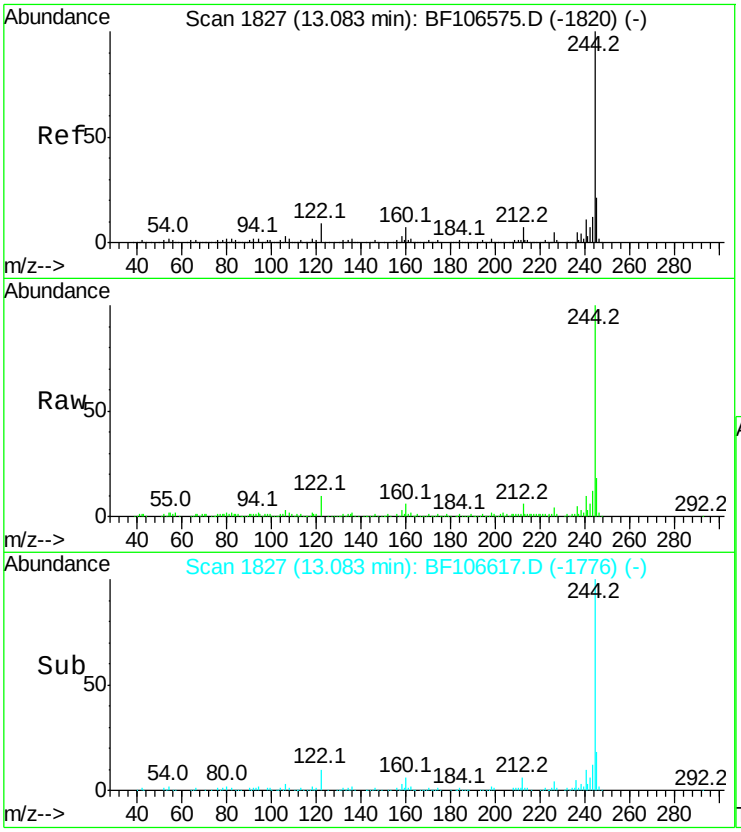


#77
Pyrene
Concen: 47.881 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:202 Resp: 852726

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.9	14.3	21.5



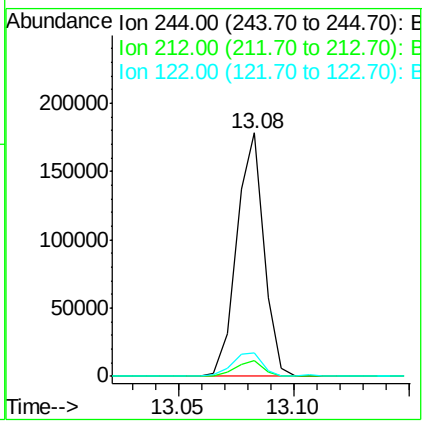


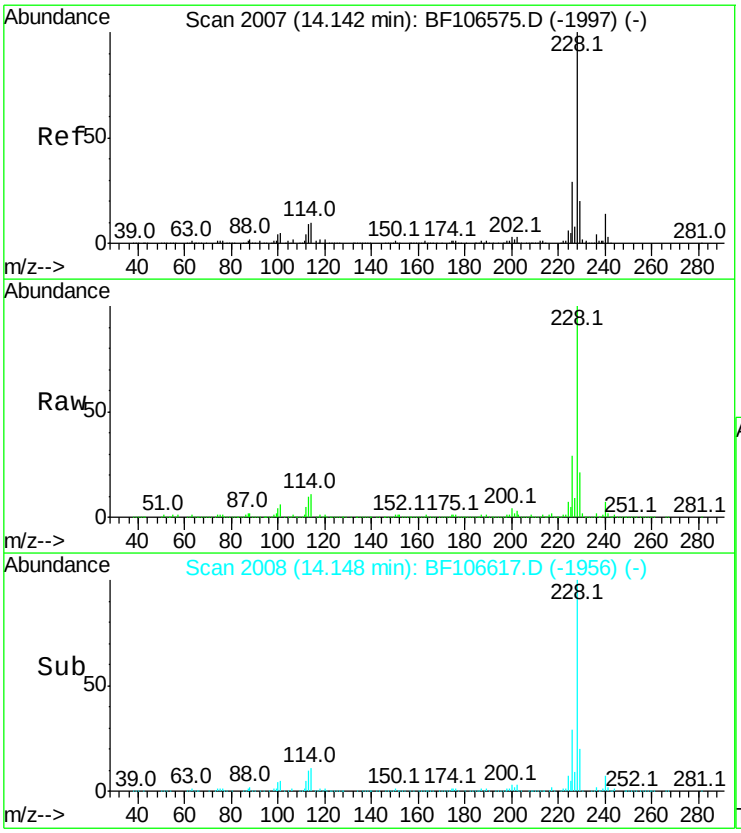
#78
Terphenyl-d14
Concen: 13.095 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 145997

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.6	11.0	16.4#

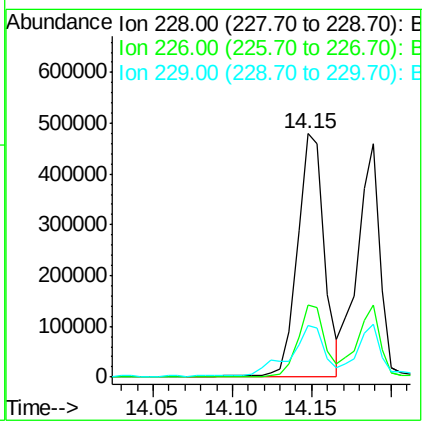


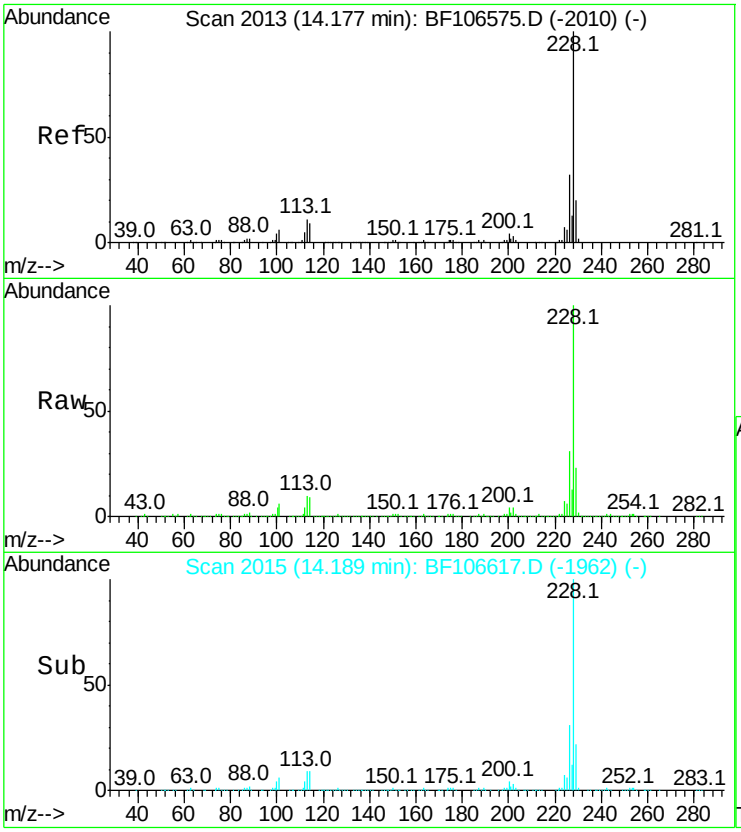


#80
Benzo(a)anthracene
Concen: 33.931 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:228 Resp: 558498

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.1	15.8	23.6



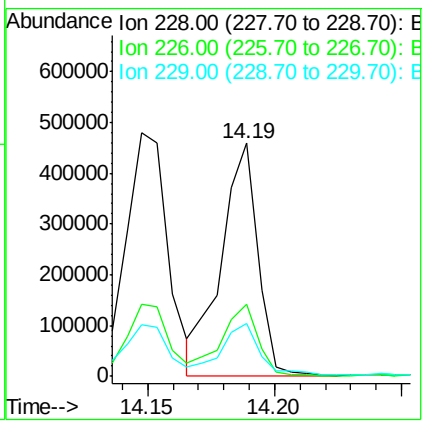


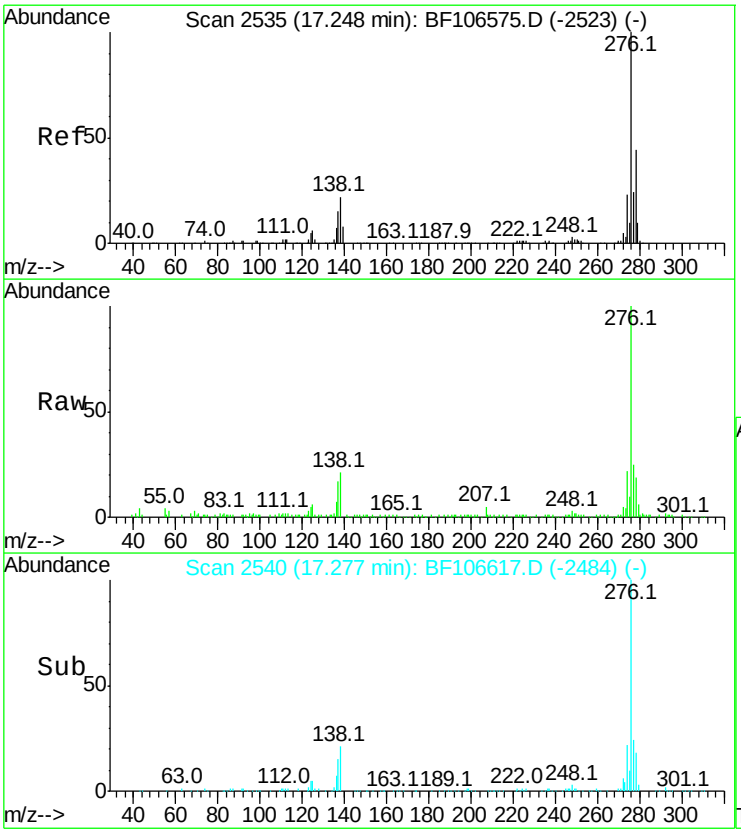
#82
Chrysene
Concen: 30.203 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 457359

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.9	16.2	24.4

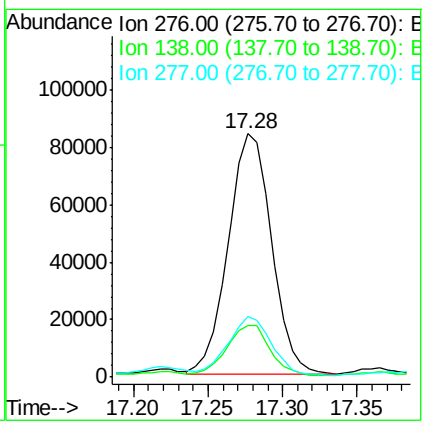


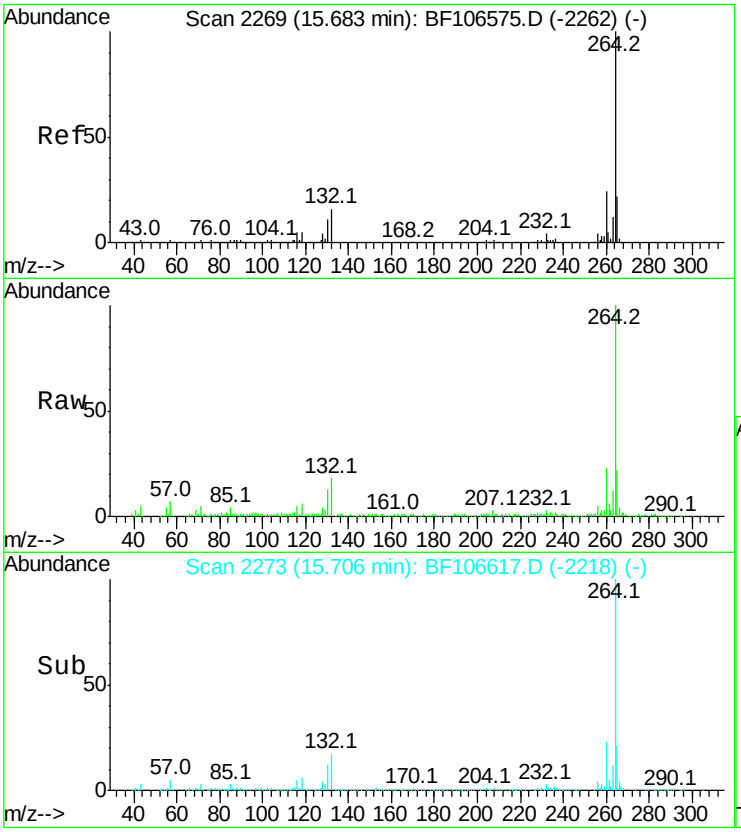


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.136 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.03 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:276 Resp: 168805

Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	24.2	20.1	30.1



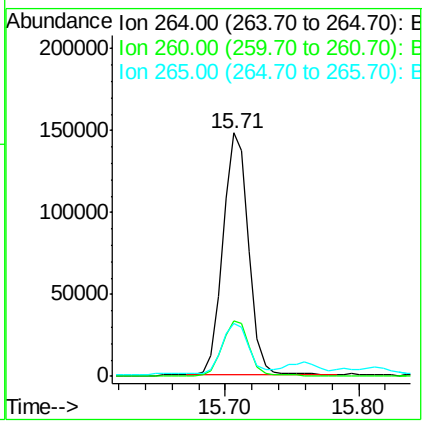


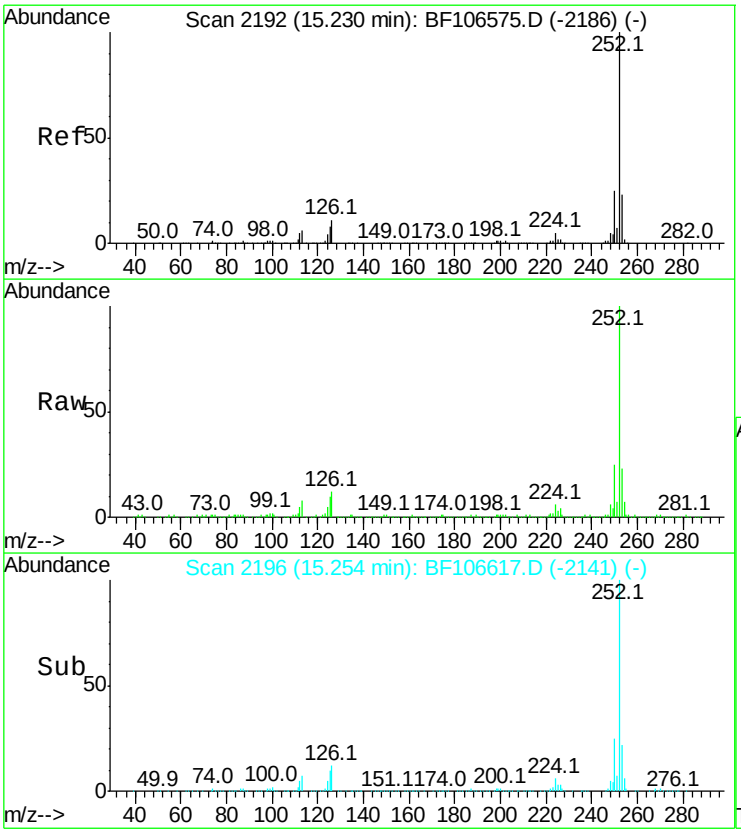
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 200666

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.8	17.5	26.3

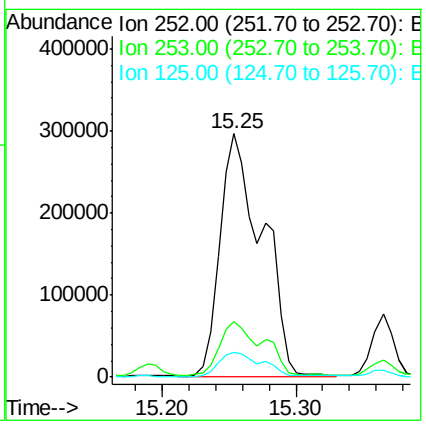


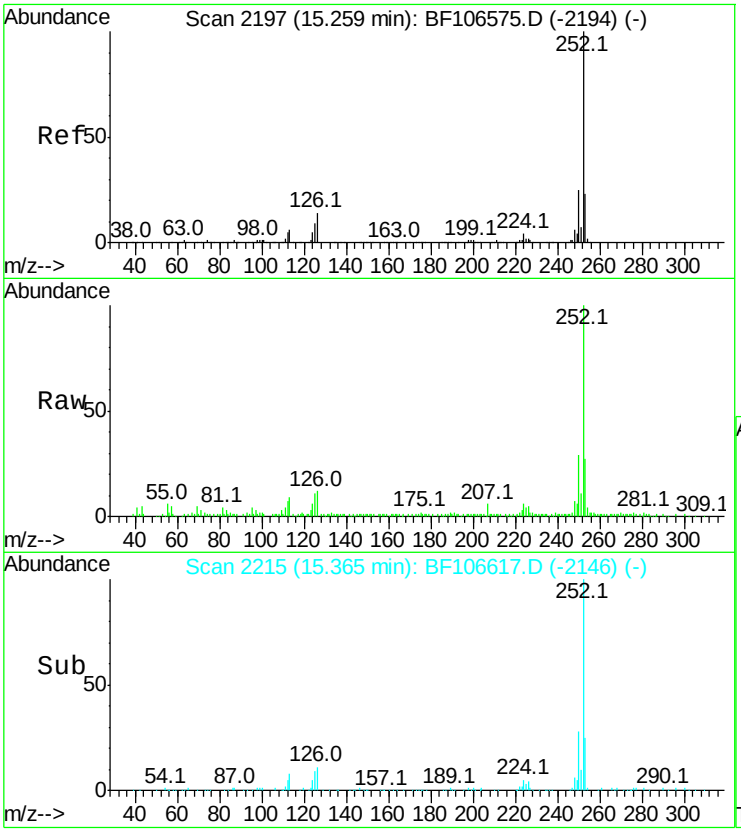


#87
Benzo(b)fluoranthene
Concen: 52.256 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.02 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:252 Resp: 651384

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	10.0	9.0	13.6



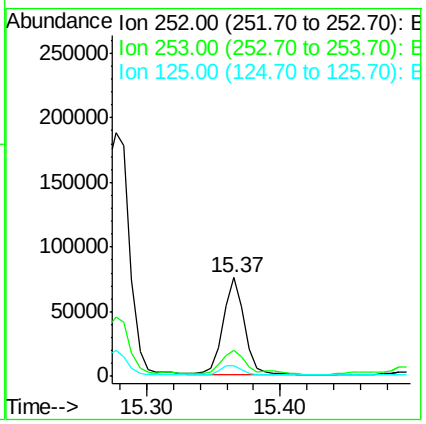


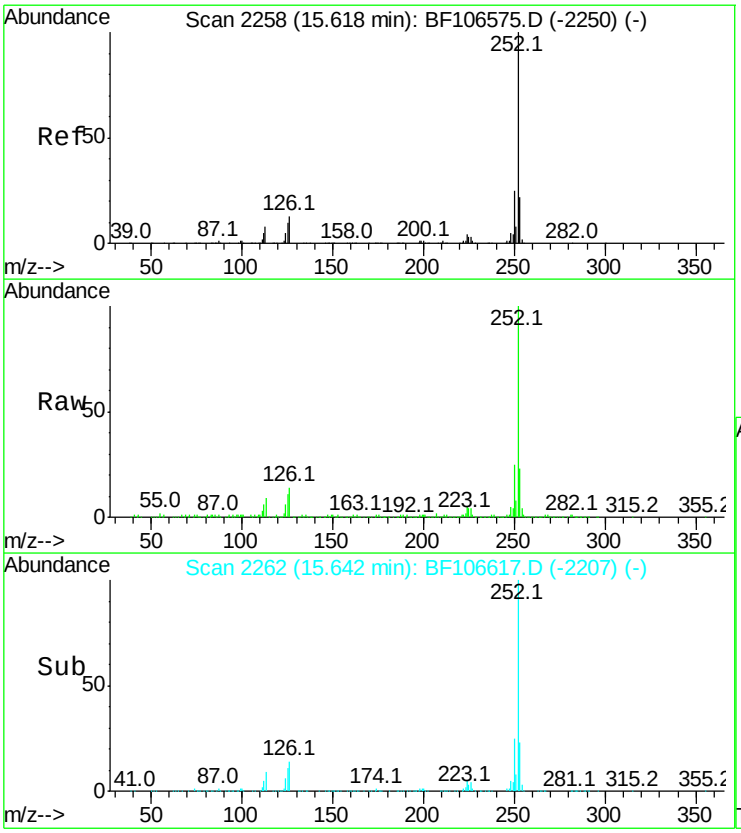
#88
Benzo(k)fluoranthene
Concen: 7.266 ng
RT: 15.37 min Scan# 2215
Delta R.T. 0.11 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86252

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	11.4	10.2	15.2

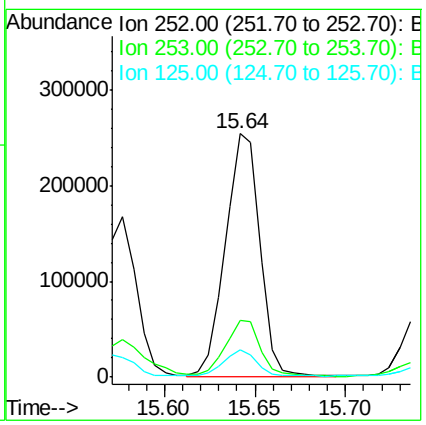


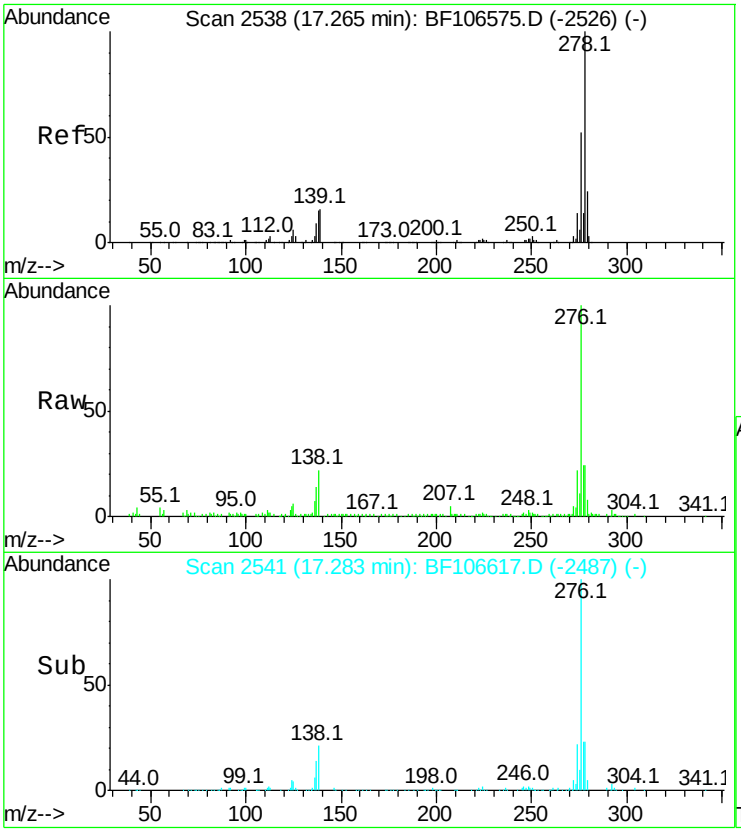


#89
Benzo(a)pyrene
Concen: 29.990 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:252 Resp: 332324

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	11.2	9.8	14.6



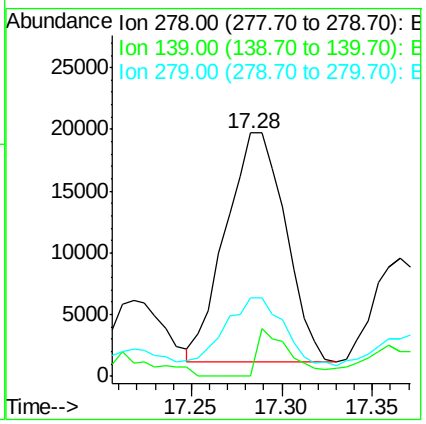


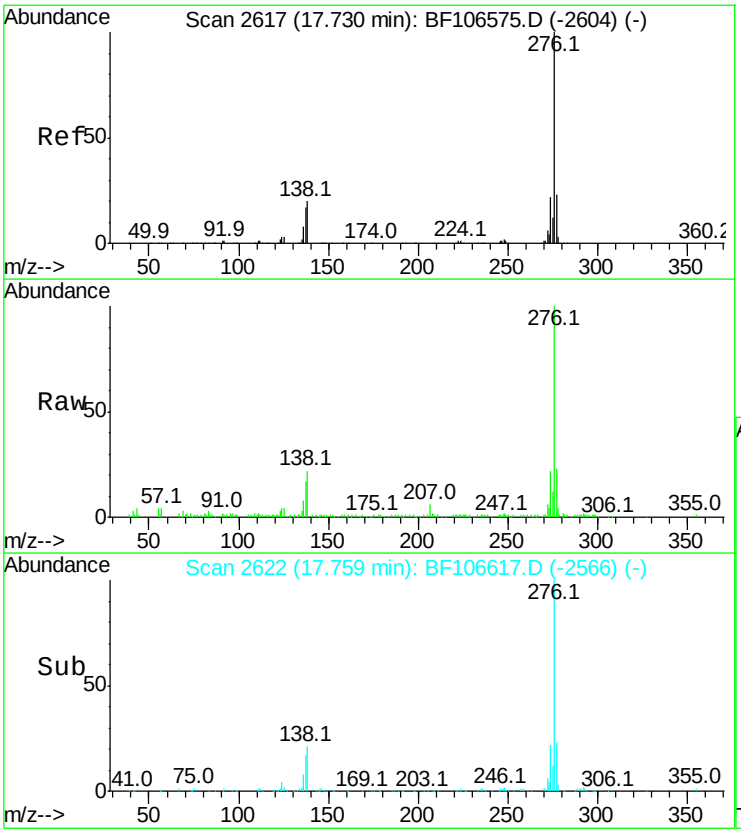
#90
Dibenzo(a,h)anthracene
Concen: 4.546 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 42690

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	32.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 17.751 ng
RT: 17.76 min Scan# 2622
Delta R.T. 0.03 min
Lab File: BF106617.D
Acq: 20 Jun 2018 8:36

Tgt Ion:276 Resp: 162937

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	21.6	21.8	32.8#