Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106689.D
Acq On : 22 Jun 2018 4:01
Operator : JU/SJ
Sample : J3603-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 04:36:40 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	58382	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	205458	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	93071	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	179691	20.00	ng		0.00
75) Chrysene-d12	14.15	240	142711	20.00	ng		0.00
86) Perylene-d12	15.68	264	107731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	332099	96.32	ng		0.00
7) Phenol-d6	6.61	99	406223	94.35	ng		0.00
23) Nitrobenzene-d5	7.52	82	242165	65.50	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	96945	89.87	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	335032	55.88	ng		0.00
78) Terphenyl-d14	13.08	244	359346	60.99	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	31321	11.036	ng	#	74
20) 3+4-Methylphenols	7.38	107	610	Below Cal		#	66
25) Isophorone	7.52	82	242161	37.171	ng	#	64
31) Naphthalene	8.27	128	32395	3.372	ng		98
32) Benzoic acid	8.03	122	243	5.838	ng	#	1
49) Dimethylphthalate	9.71	163	45268	6.485	ng		98
51) Acenaphthene	10.04	154	26332	4.536	ng		99
54) Dibenzofuran	10.21	168	18011	2.266	ng		98
55) 4-Nitrophenol	10.21	139	6581	5.543	ng	#	14
57) Fluorene	10.55	166	30231	4.793	ng		97
66) 4-Bromophenyl-phenylether	10.80	248	6232	2.906	ng	#	1
70) Phenanthrene	11.52	178	397152	45.824	ng		99
71) Anthracene	11.57	178	93377	10.555	ng		99
72) Carbazole	11.72	167	37042	4.472	ng		97
74) Fluoranthene	12.72	202	599613	62.769	ng		97
77) Pyrene	12.95	202	634737	67.448	ng		99
80) Benzo(a)anthracene	14.14	228	297981	34.259	ng		96
82) Chrysene	14.17	228	270225	33.770	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	88472	13.028	ng	#	88
87) Benzo(b)fluoranthene	15.22	252	316624	47.312	ng		97
88) Benzo(k)fluoranthene	15.34	252	36794	5.773	ng		94
89) Benzo(a)pyrene	15.55	252	109845	18.464	ng		97
90) Dibenzo(a,h)anthracene	17.44	278	21979	4.359	ng		96
91) Benzo(g,h,i)perylene	17.72	276	86275	17.507	ng	#	90

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

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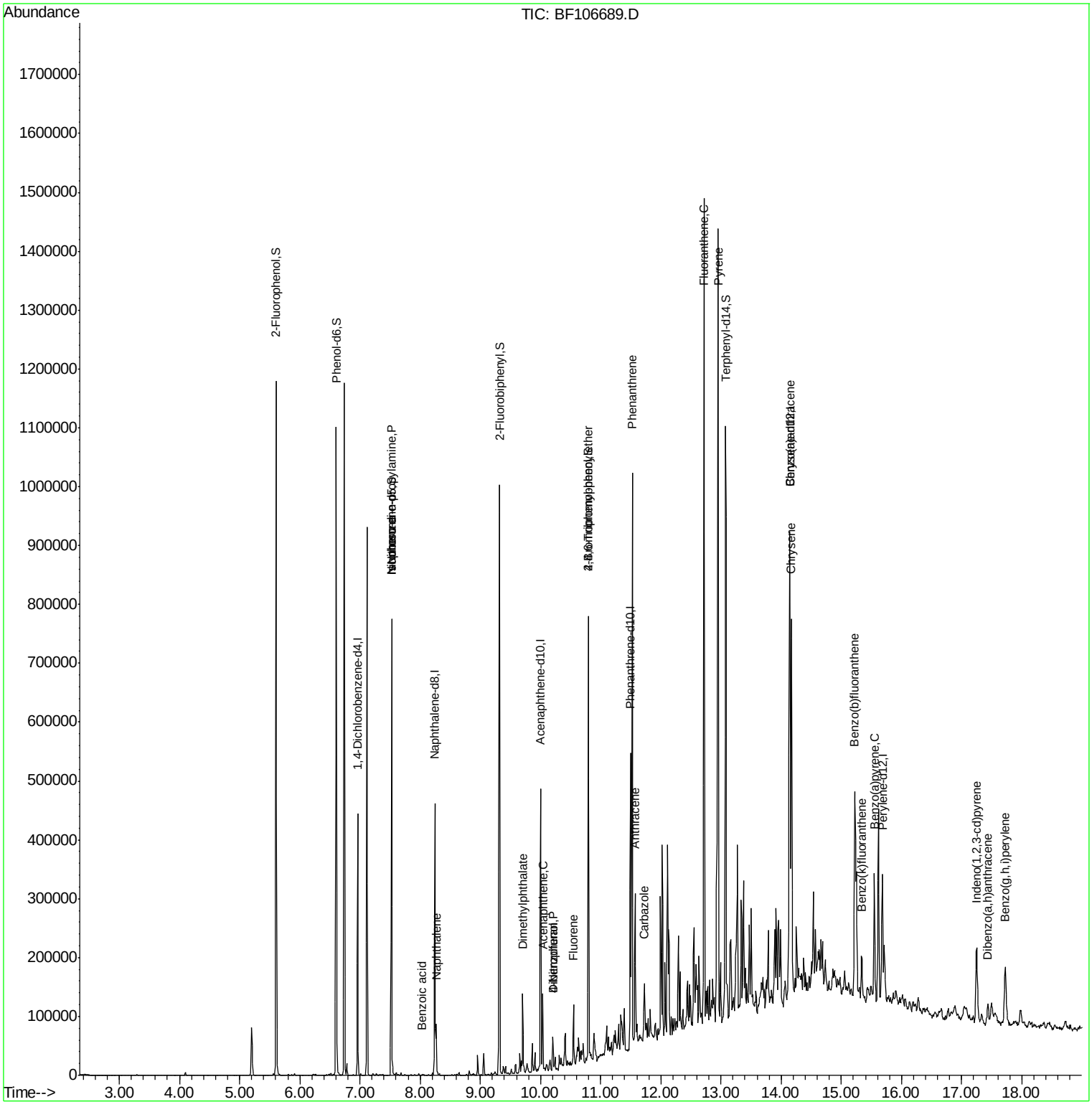
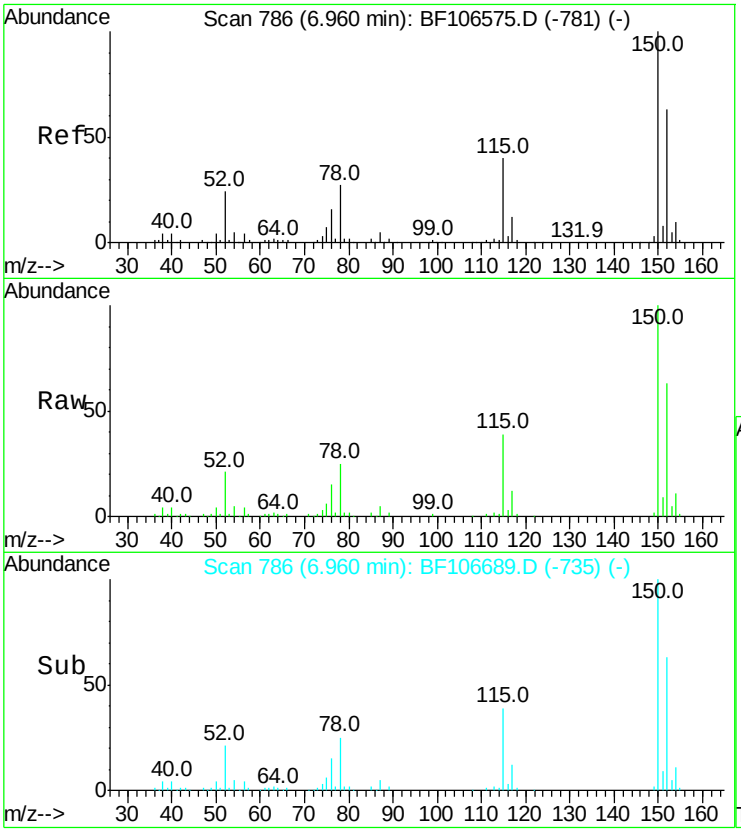


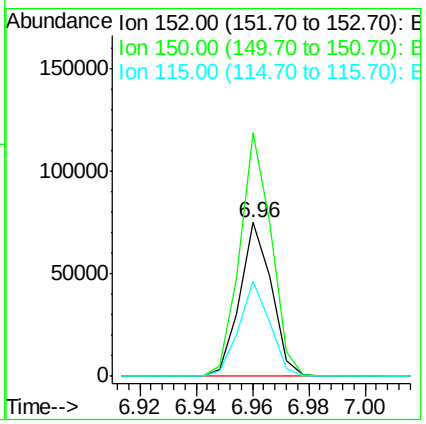


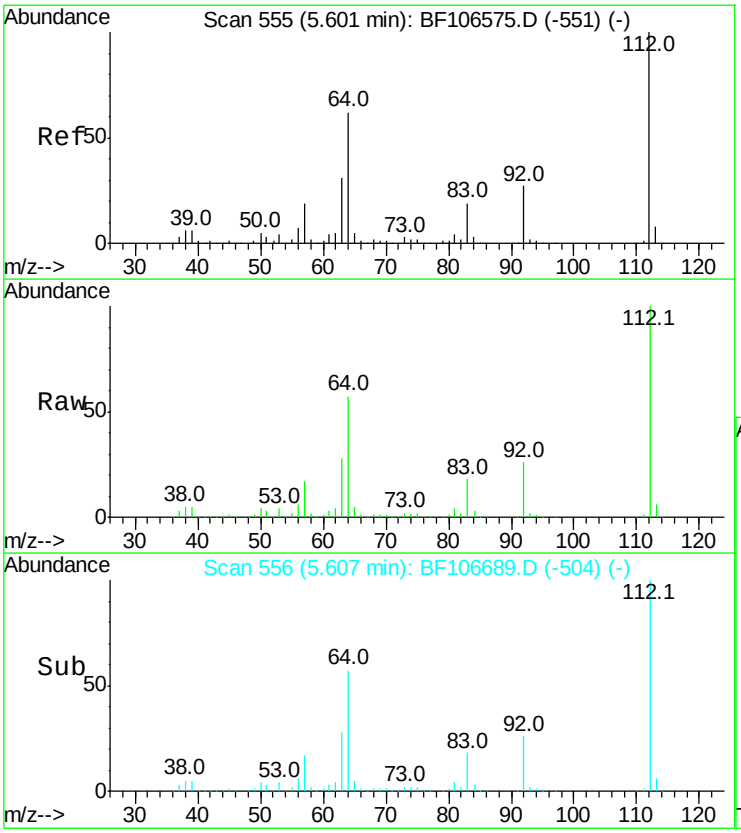
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58382

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	61.8	50.1	75.1

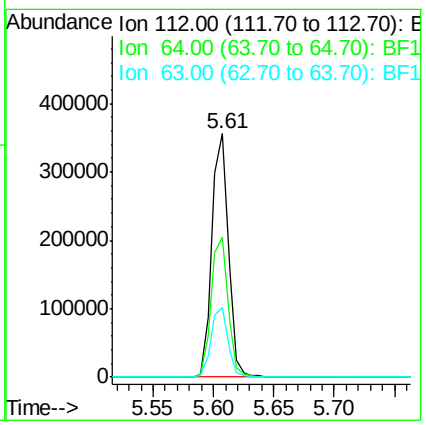


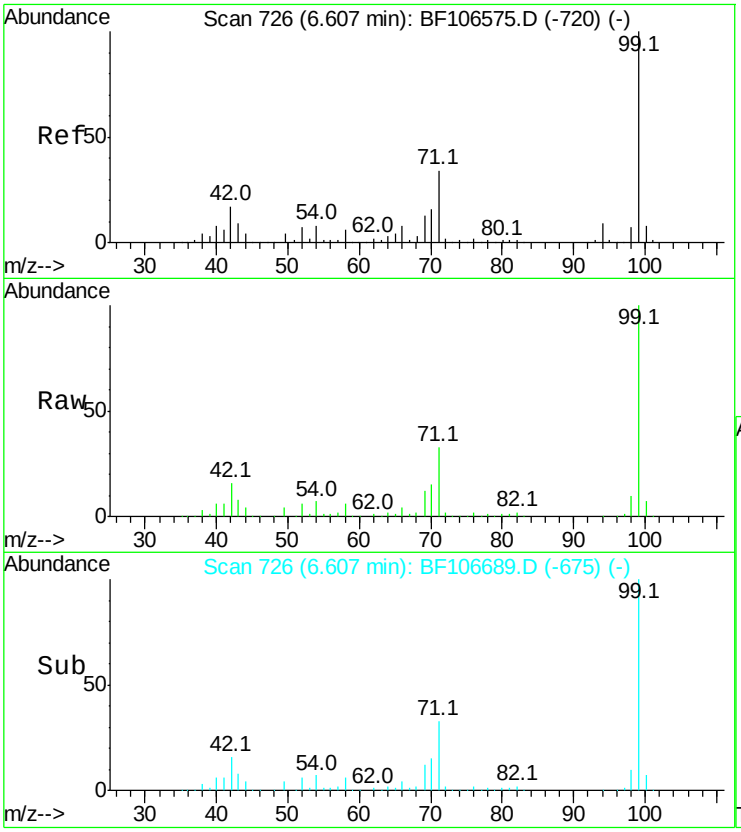


#5
2-Fluorophenol
Concen: 96.322 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:112 Resp: 332099

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	28.3	23.7	35.5



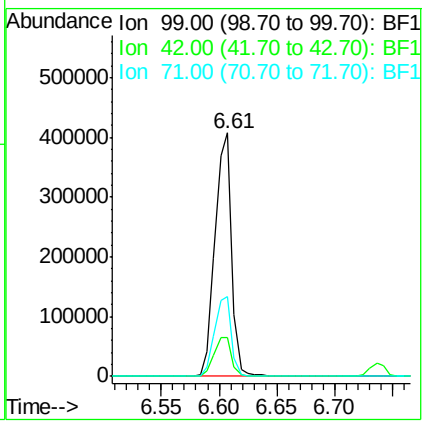


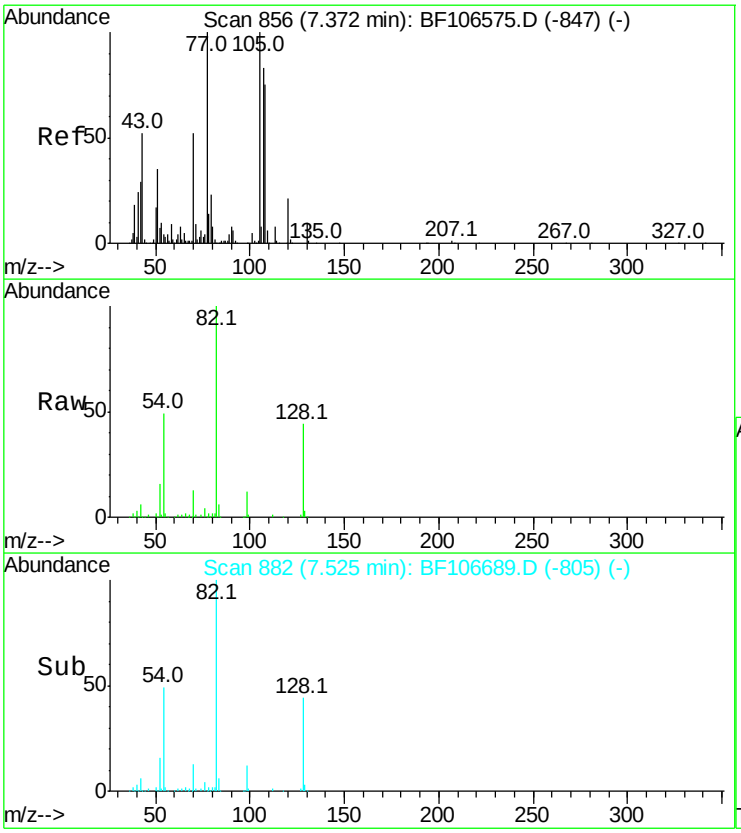
#7
Phenol-d6
Concen: 94.347 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 406223

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	32.8	25.4	38.0

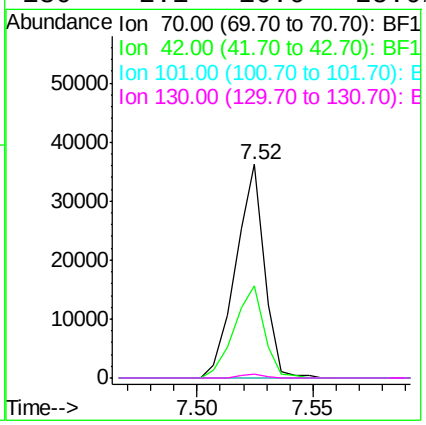


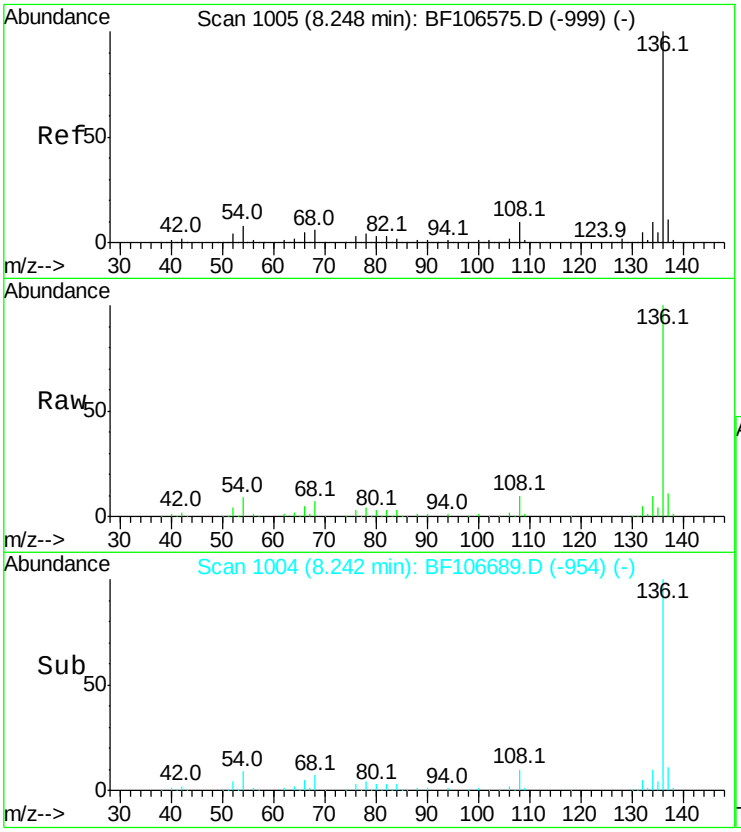


#19
n-Nitroso-di-n-propylamine
Concen: 11.036 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion: 70 Resp: 31321

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



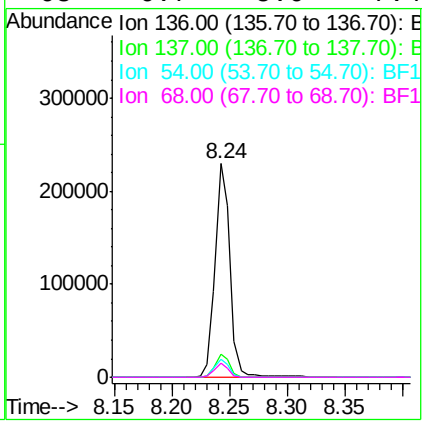


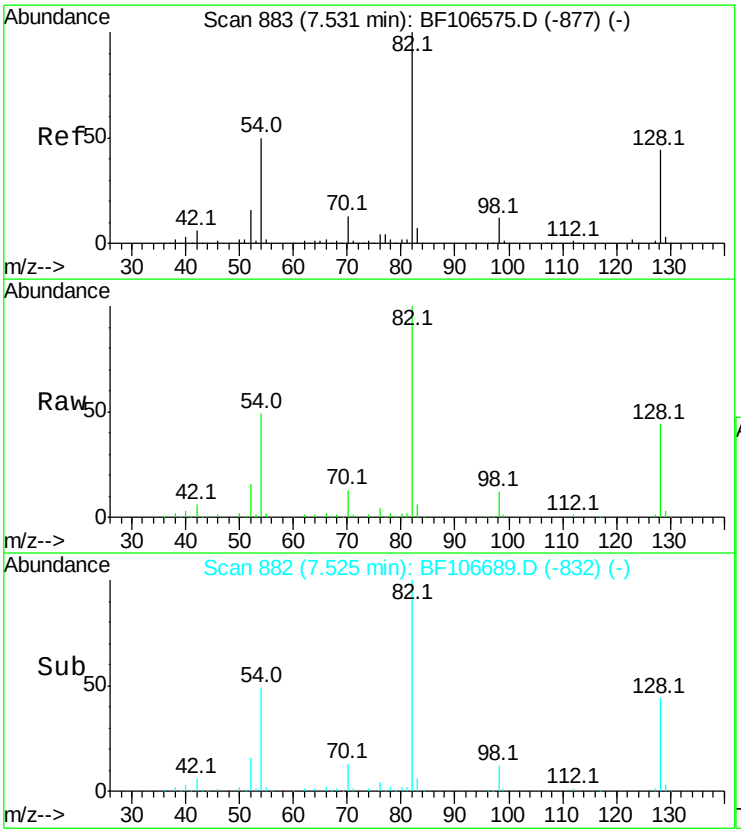
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 205458

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4

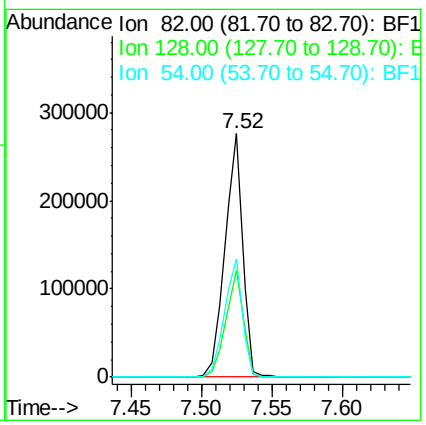


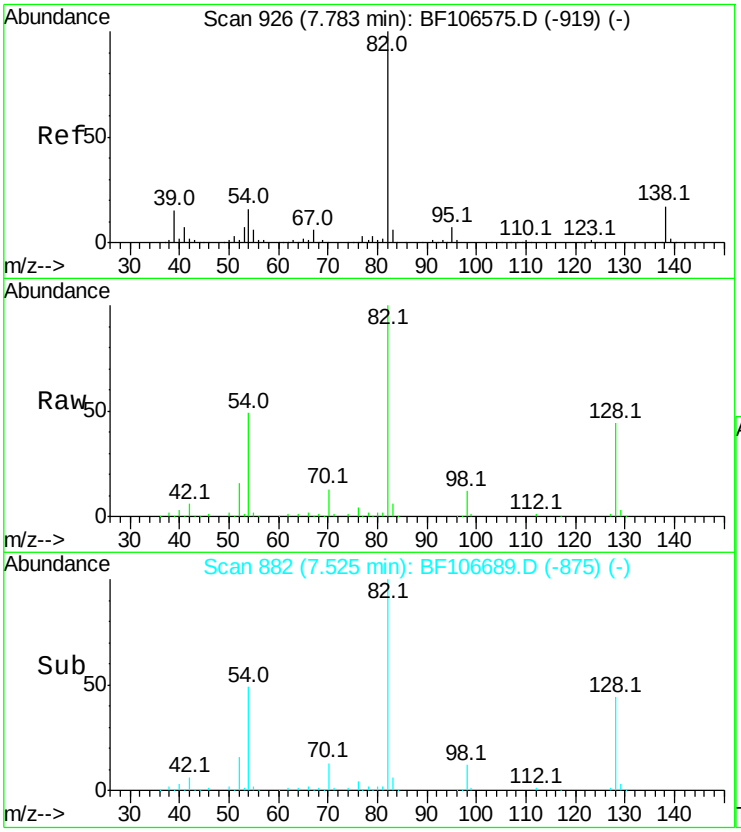


#23
Nitrobenzene-d5
Concen: 65.502 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion: 82 Resp: 242165

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.6	41.4	62.2



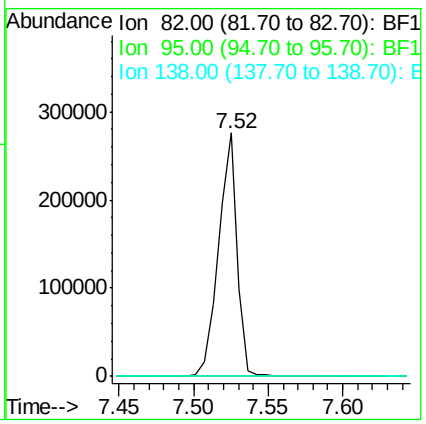


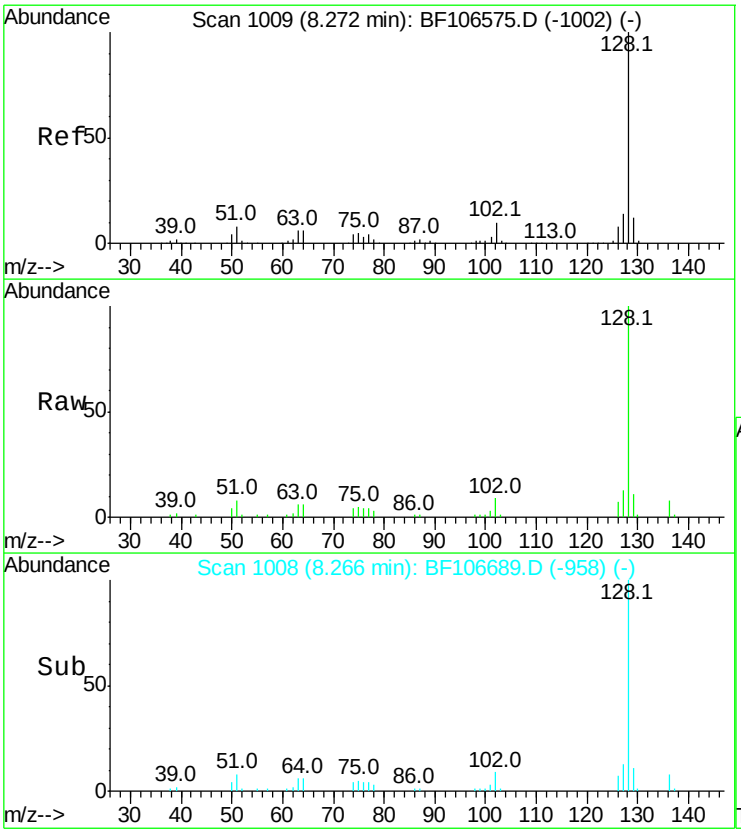
#25
Isophorone
Concen: 37.171 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 242161

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

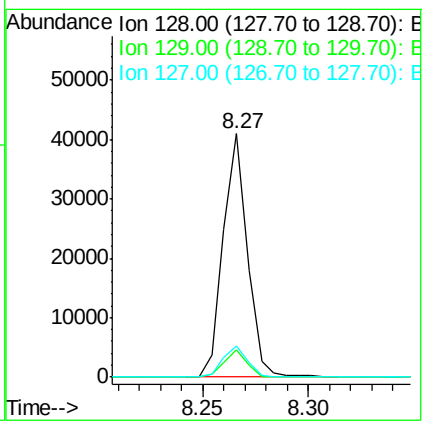


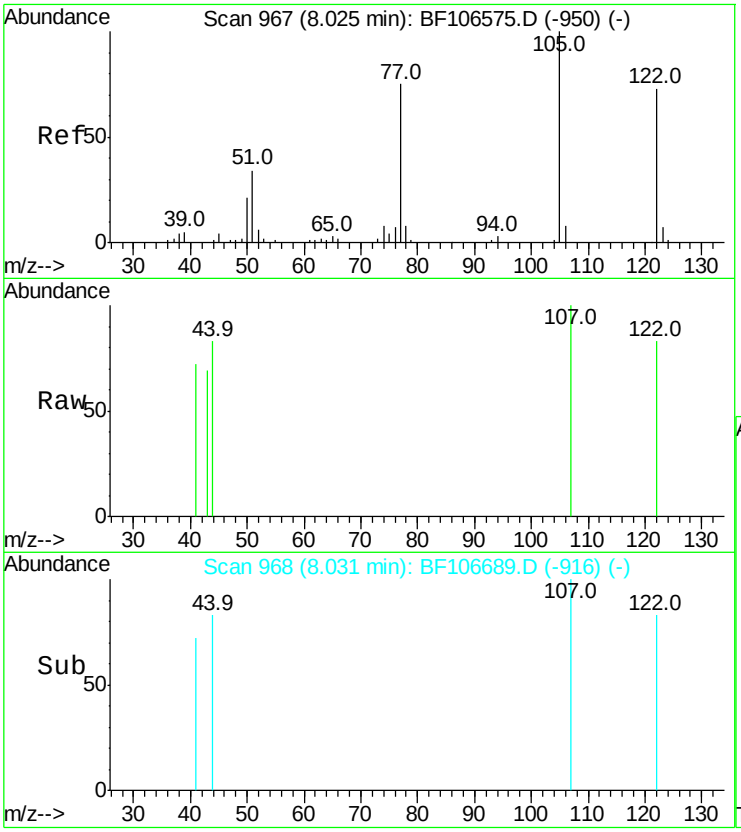


#31
Naphthalene
Concen: 3.372 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:128 Resp: 32395

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.7	10.9	16.3



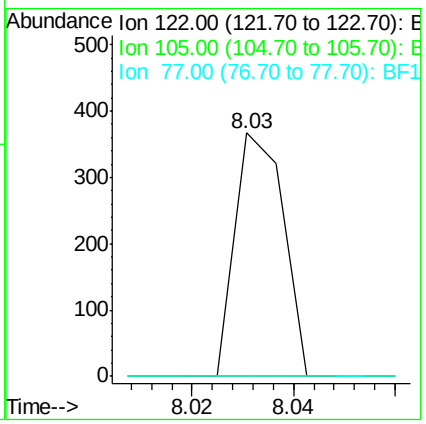


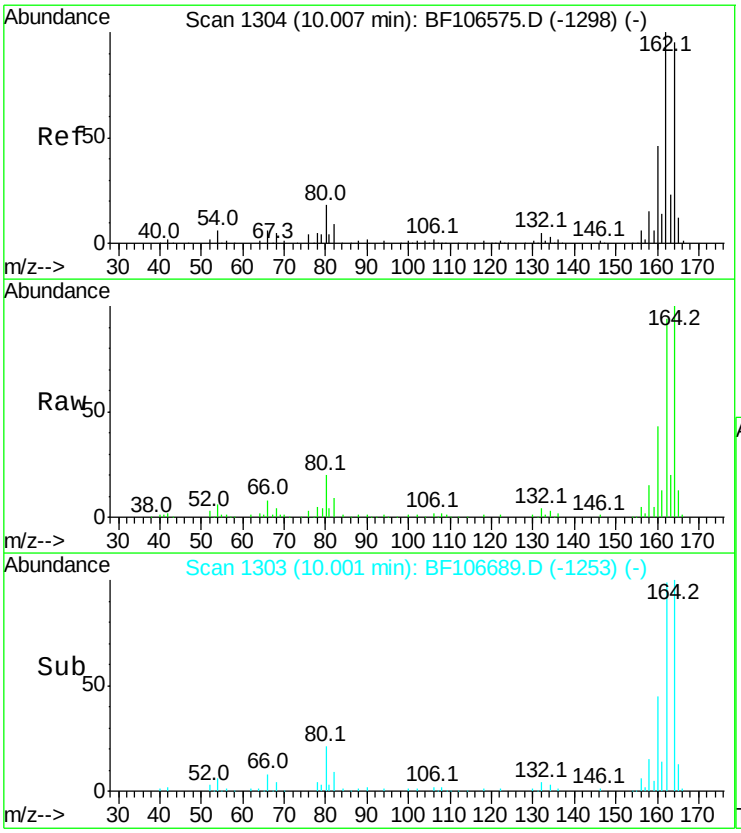
#32
Benzoic acid
Concen: 5.838 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 243

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

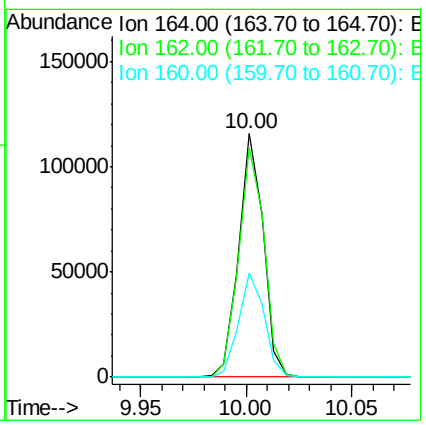


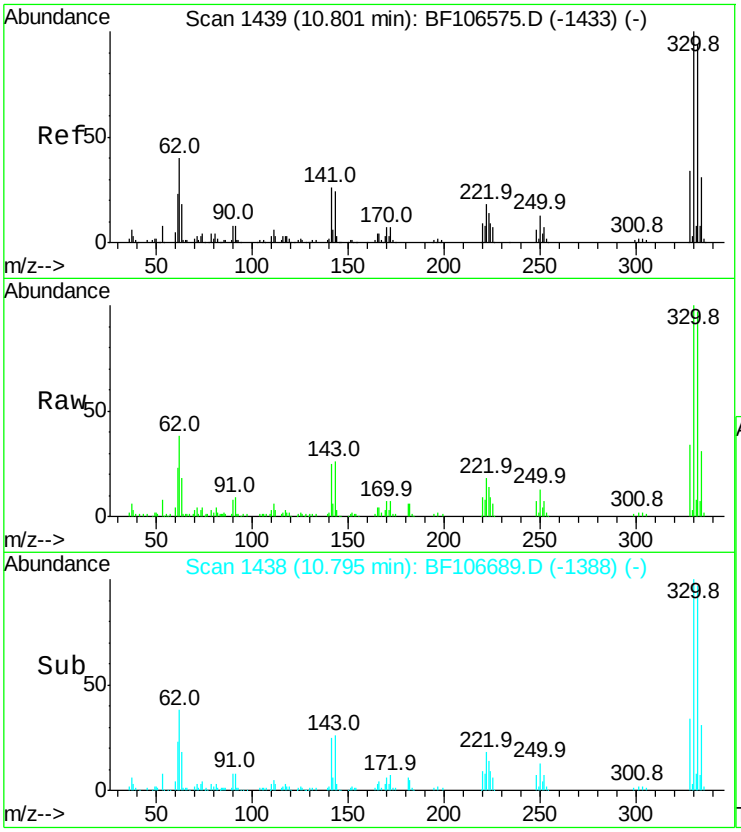


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:164 Resp: 93071

Ion	Ratio	Lower	Upper
164	100		
162	94.2	86.1	129.1
160	42.9	38.3	57.5



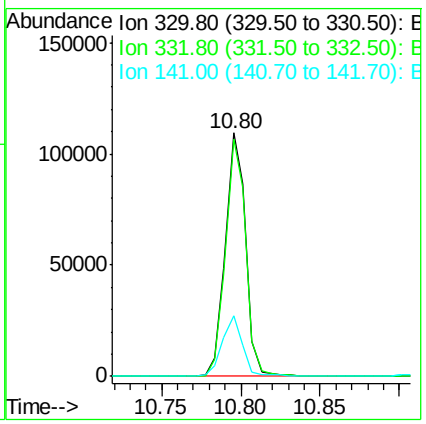


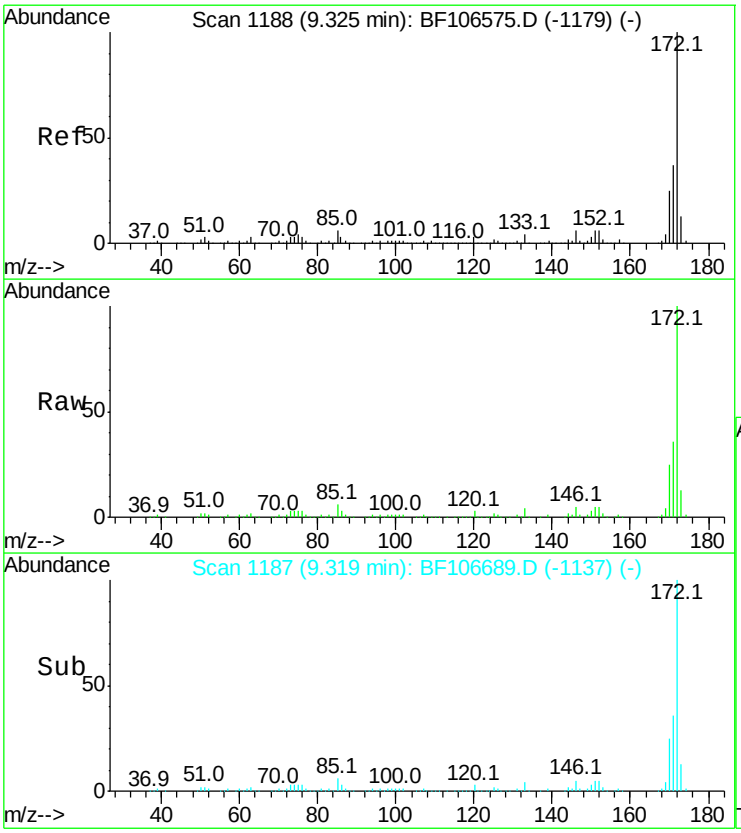
#41
2,4,6-Tribromophenol
Concen: 89.871 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 96945

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.1	29.9	44.9#

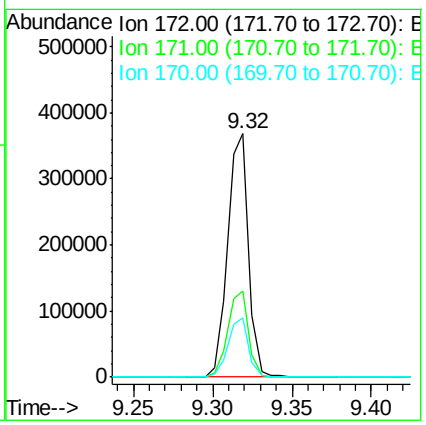


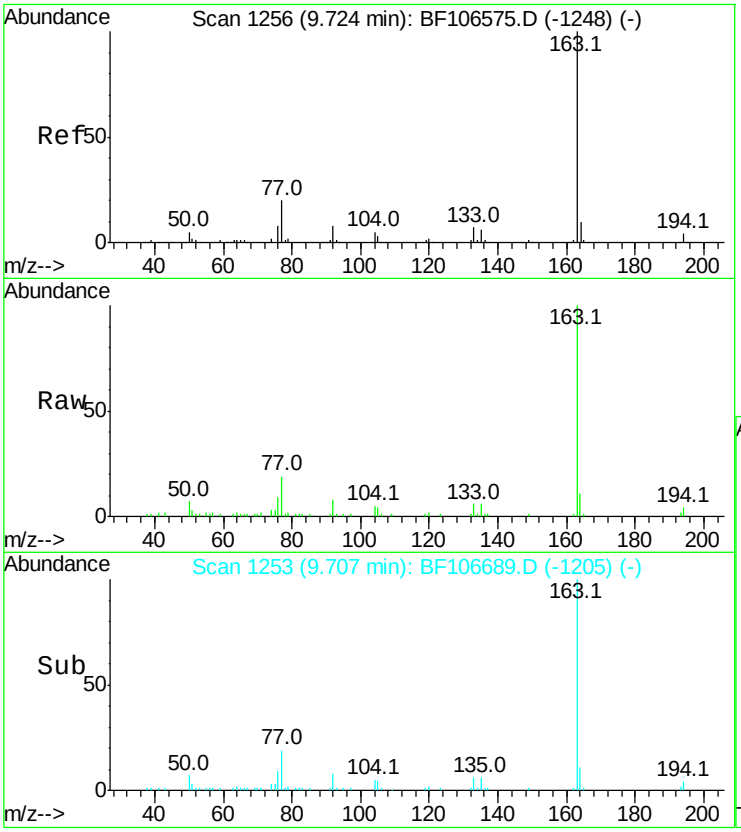


#44
2-Fluorobiphenyl
Concen: 55.876 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:172 Resp: 335032

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.6	19.6	29.4



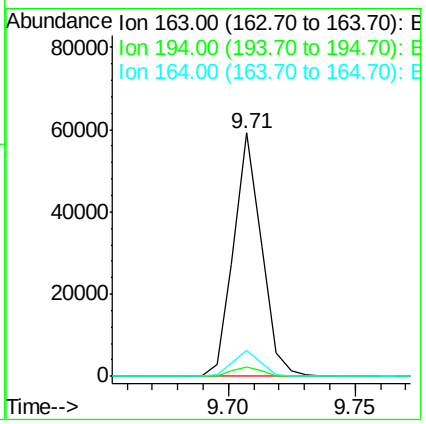


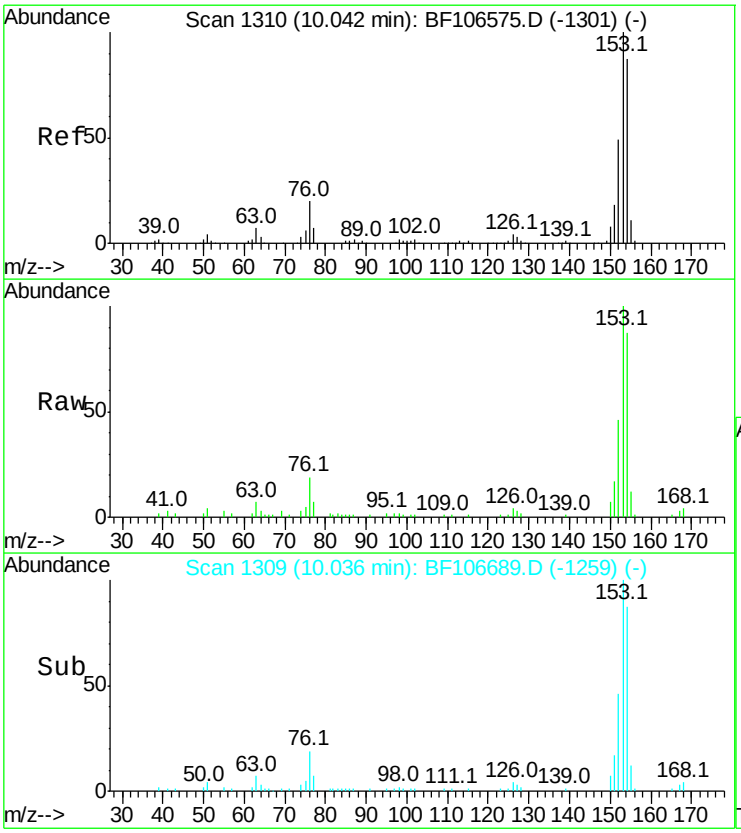
#49
Dimethylphthalate
Concen: 6.485 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 45268

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.8	8.2	12.2

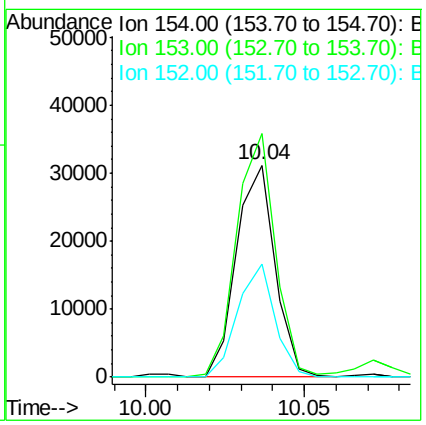


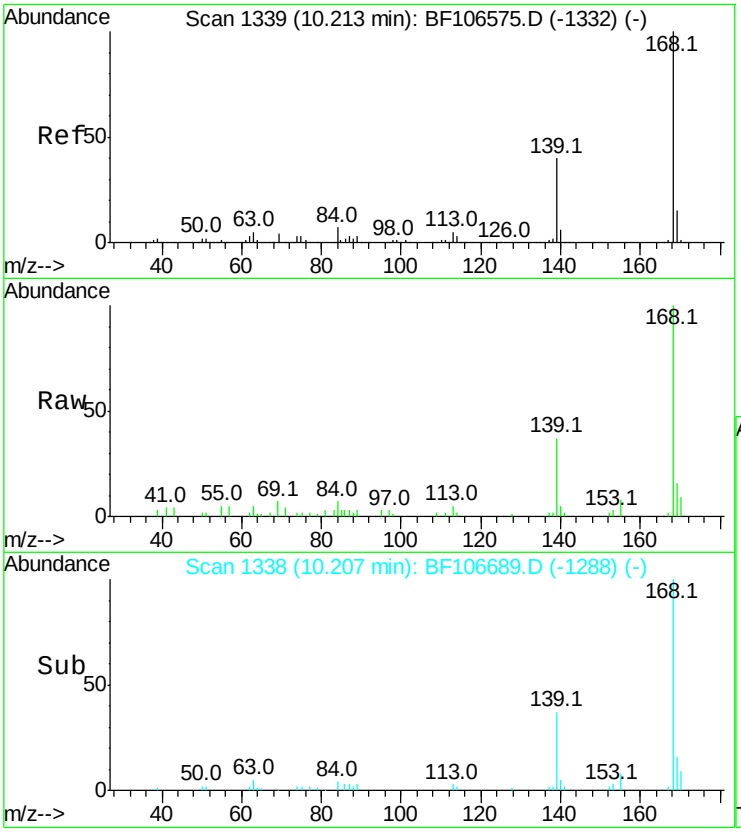


#51
Acenaphthene
Concen: 4.536 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:154 Resp: 26332

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	53.4	43.8	65.8



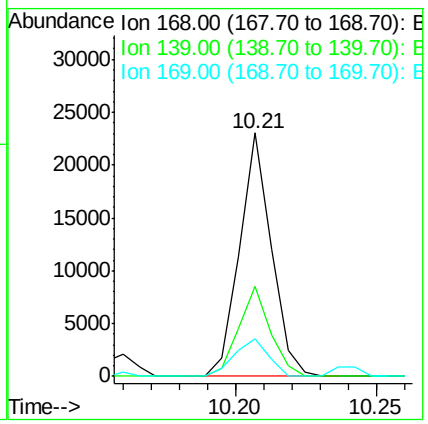


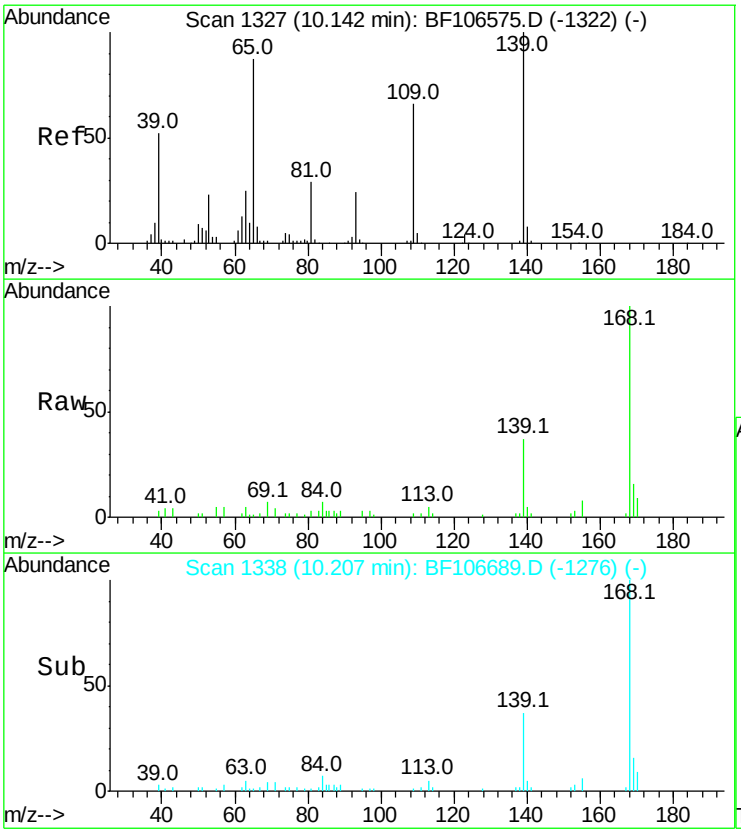
#54
Dibenzofuran
Concen: 2.266 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 18011

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	15.6	10.9	16.3

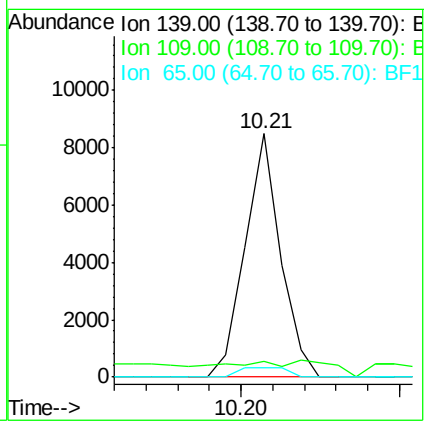


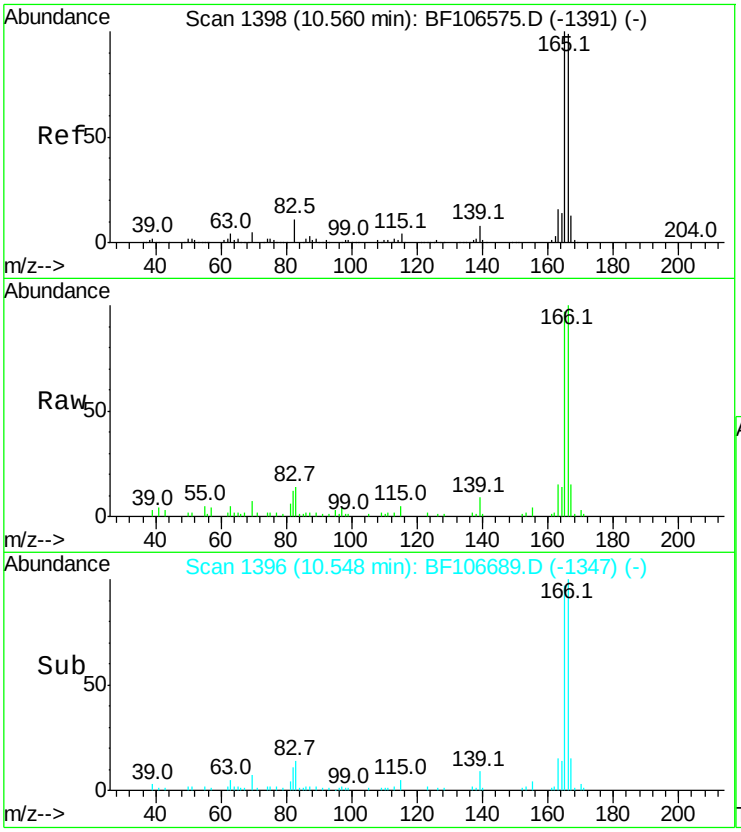


#55
4-Nitrophenol
Concen: 5.543 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:139 Resp: 6581

Ion	Ratio	Lower	Upper
139	100		
109	6.3	48.4	88.4#
65	3.7	72.6	112.6#



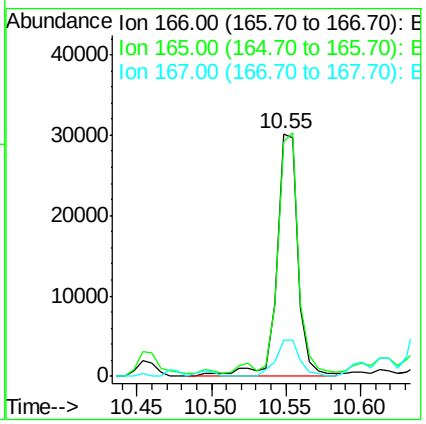


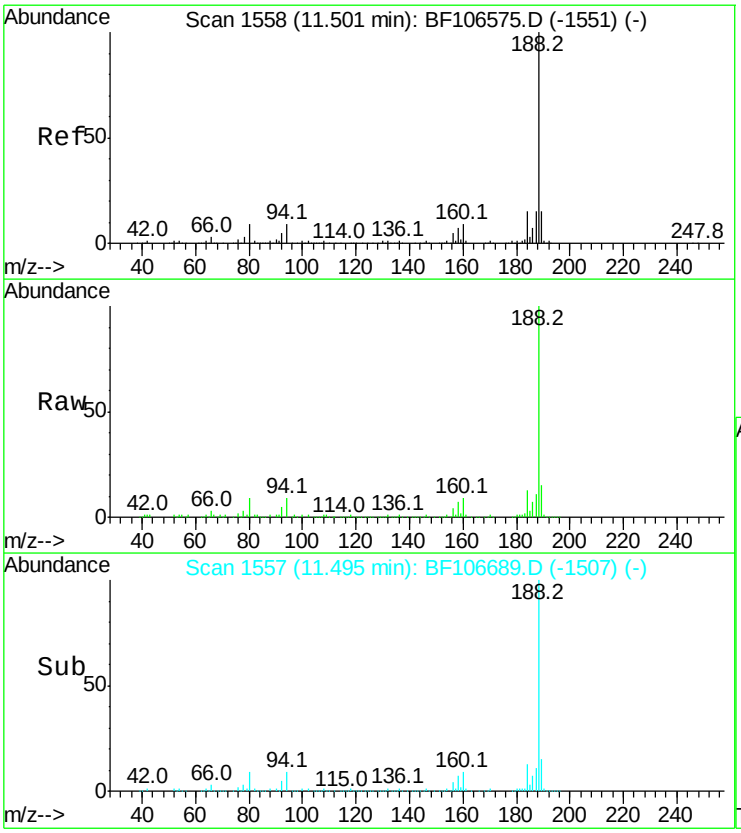
#57
Fluorene
Concen: 4.793 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 30231

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.8
167	14.9	10.6	16.0

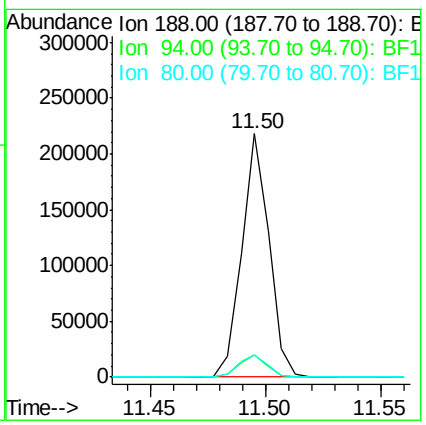


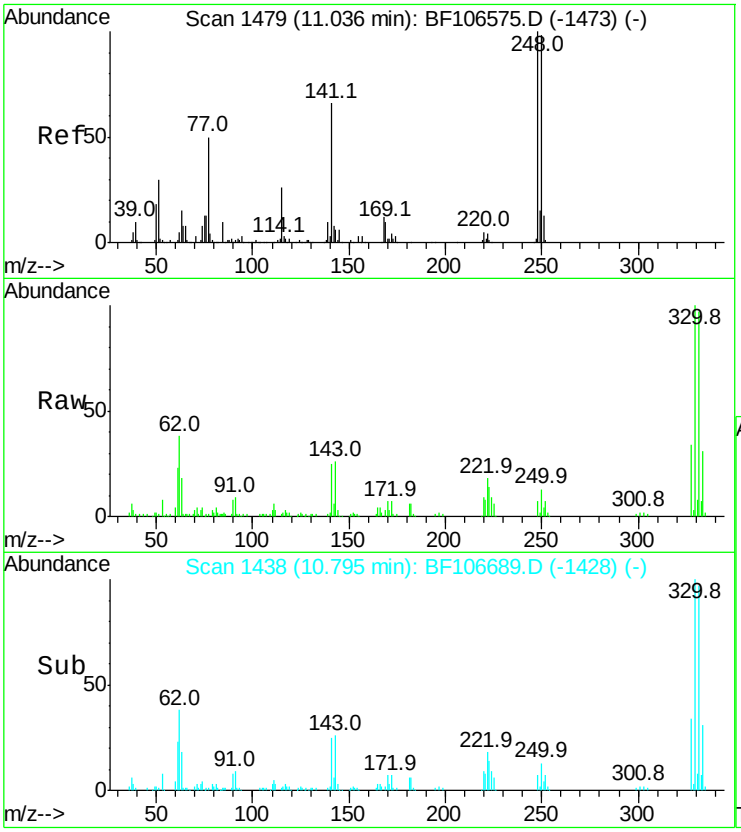


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:188 Resp: 179691

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.2	9.2	13.8



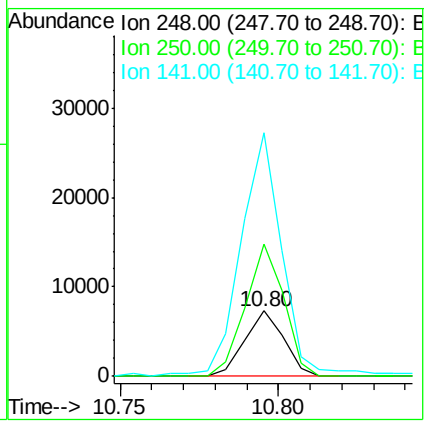


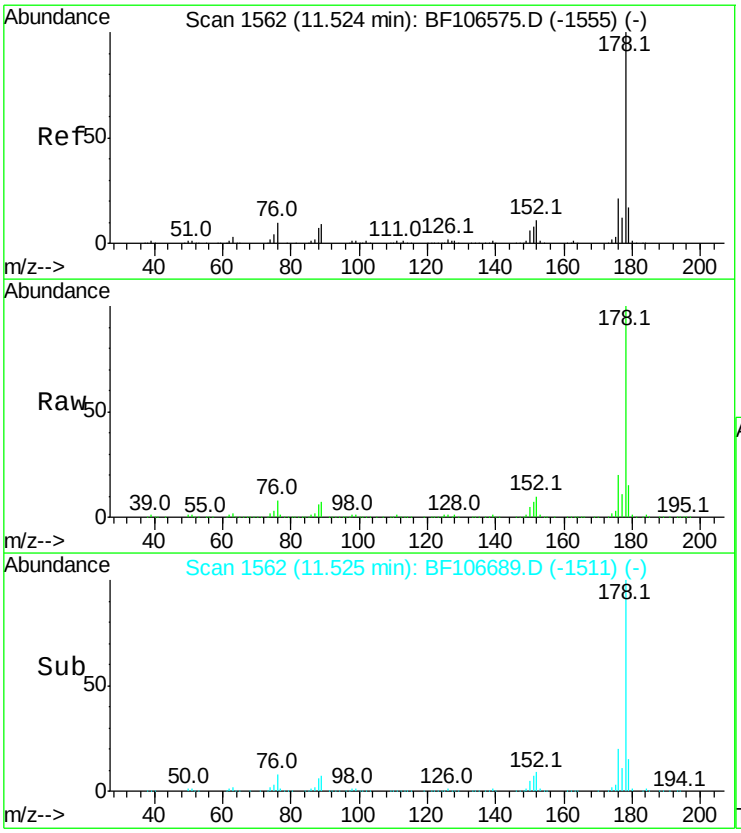
#66
4-Bromophenyl-phenylether
Concen: 2.906 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6232

Ion	Ratio	Lower	Upper
248	100		
250	202.1	76.9	115.3#
141	373.3	74.4	111.6#

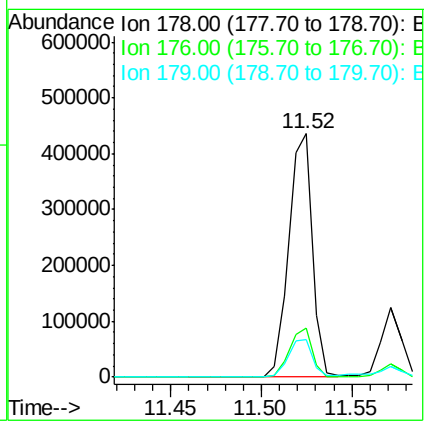


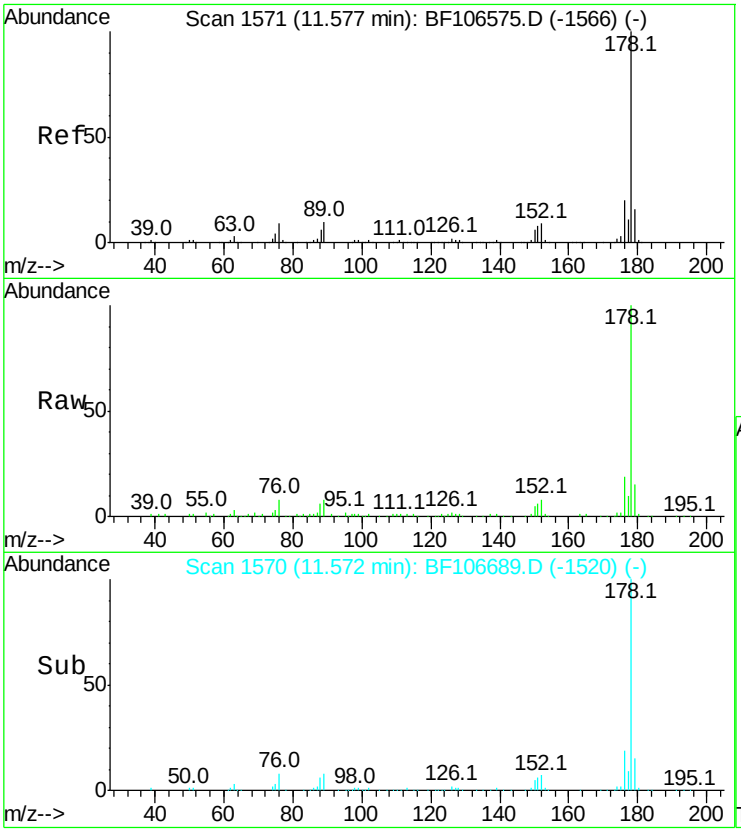


#70
Phenanthrene
Concen: 45.824 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:178 Resp: 397152

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



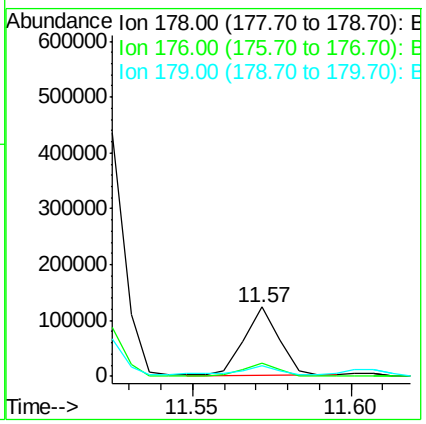


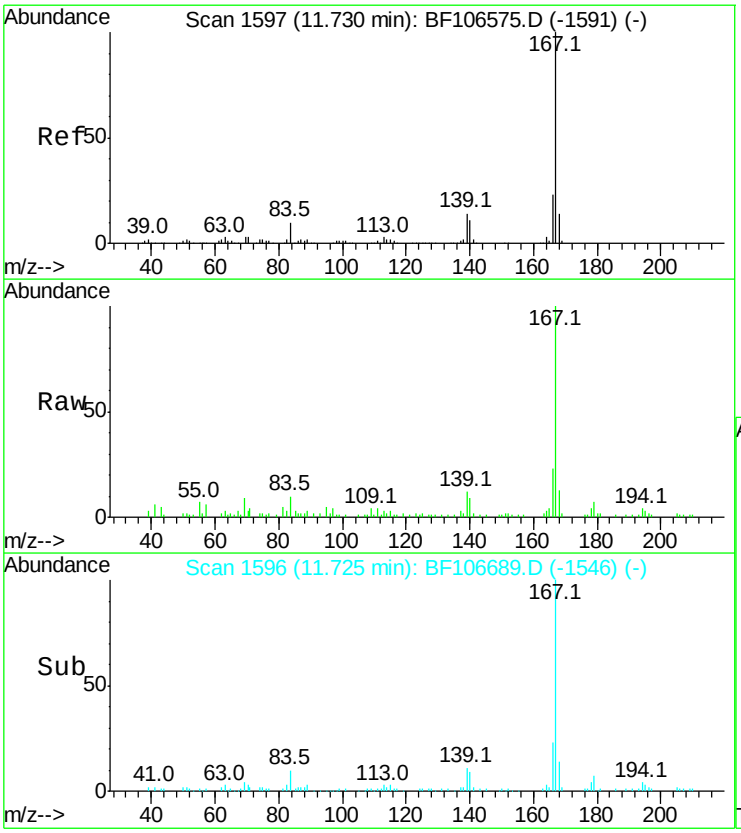
#71
Anthracene
Concen: 10.555 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 93377

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.2	12.6	19.0

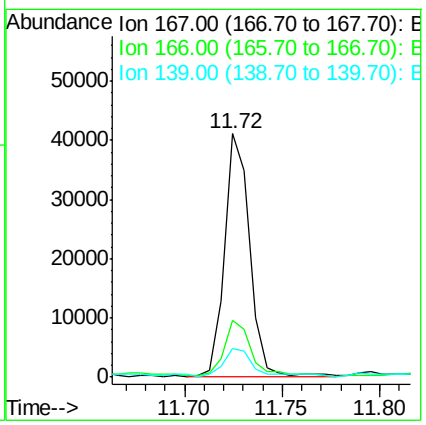


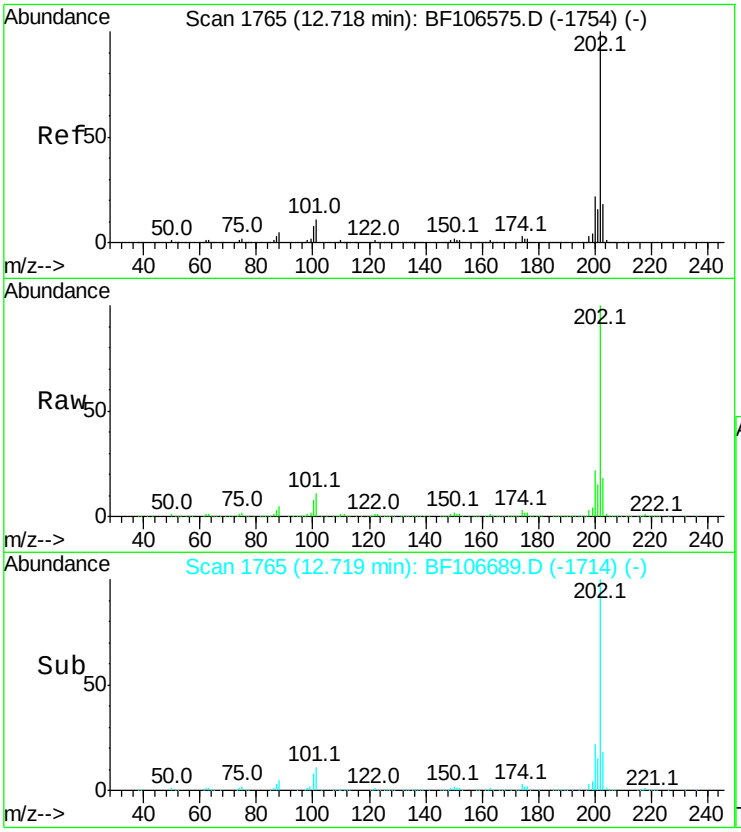


#72
Carbazole
Concen: 4.472 ng
RT: 11.72 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:167 Resp: 37042

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	11.9	10.9	16.3



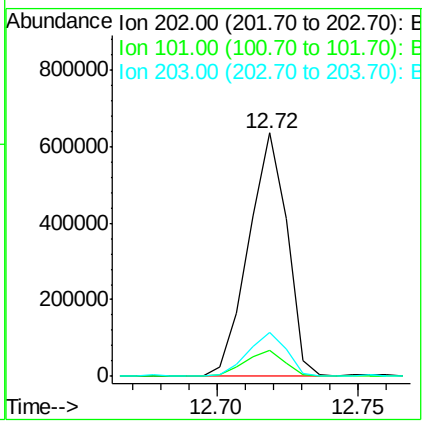


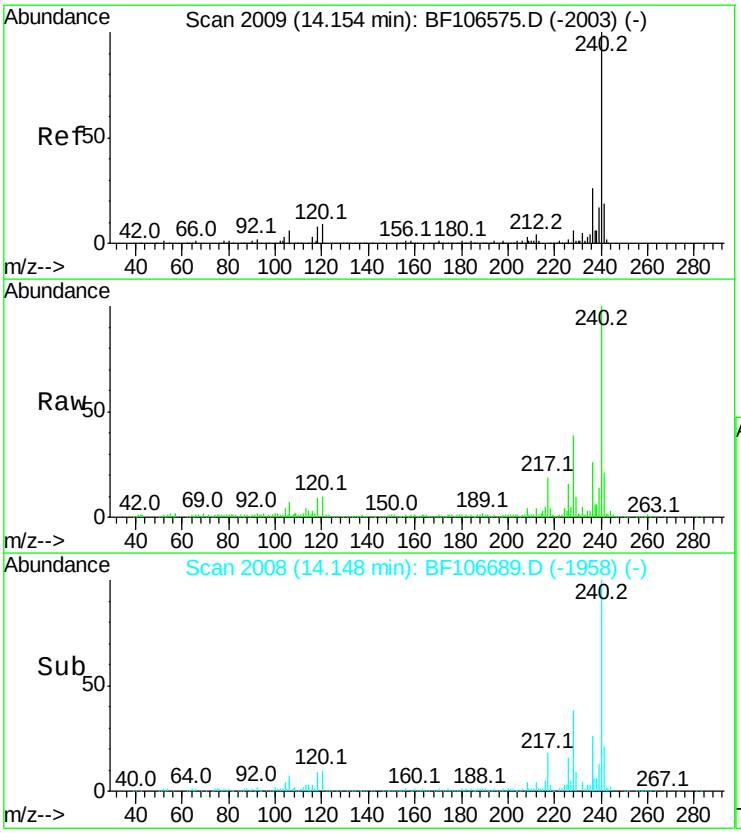
#74
Fluoranthene
Concen: 62.769 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 599613

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	18.2	0.0	38.1

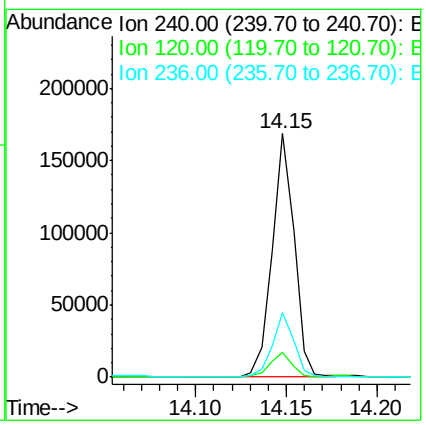


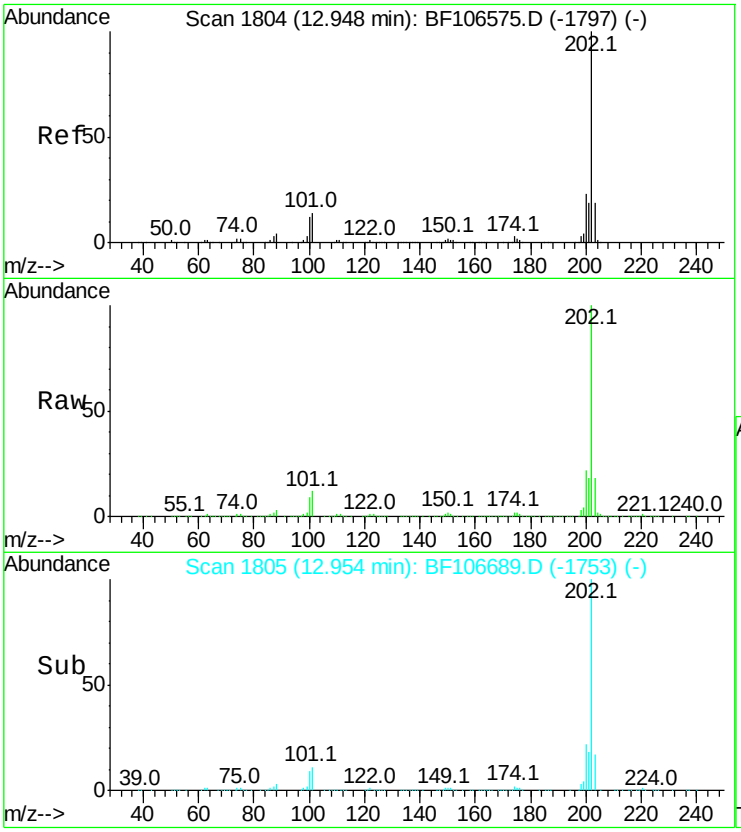


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:240 Resp: 142711

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.4	20.7	31.1



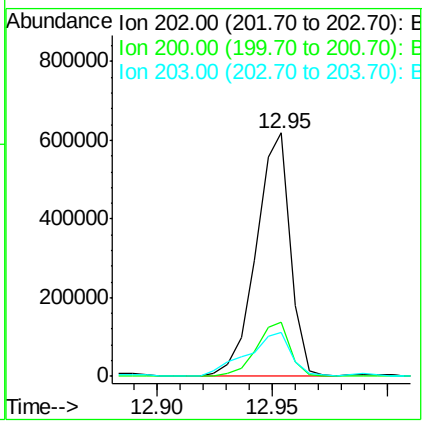


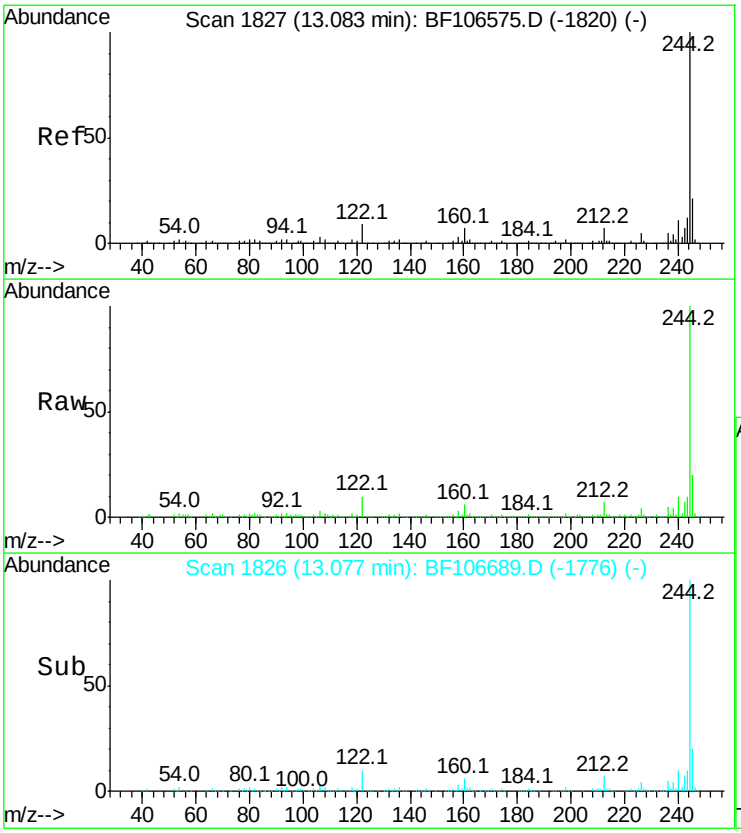
#77
Pyrene
Concen: 67.448 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 634737

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.2	14.3	21.5

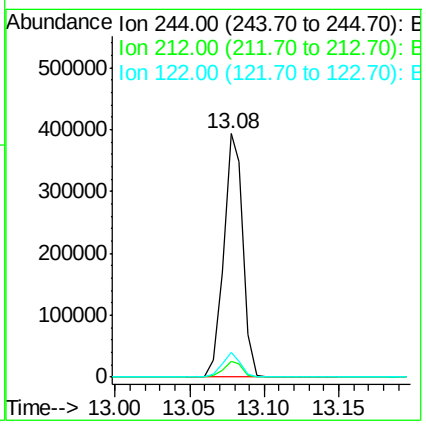


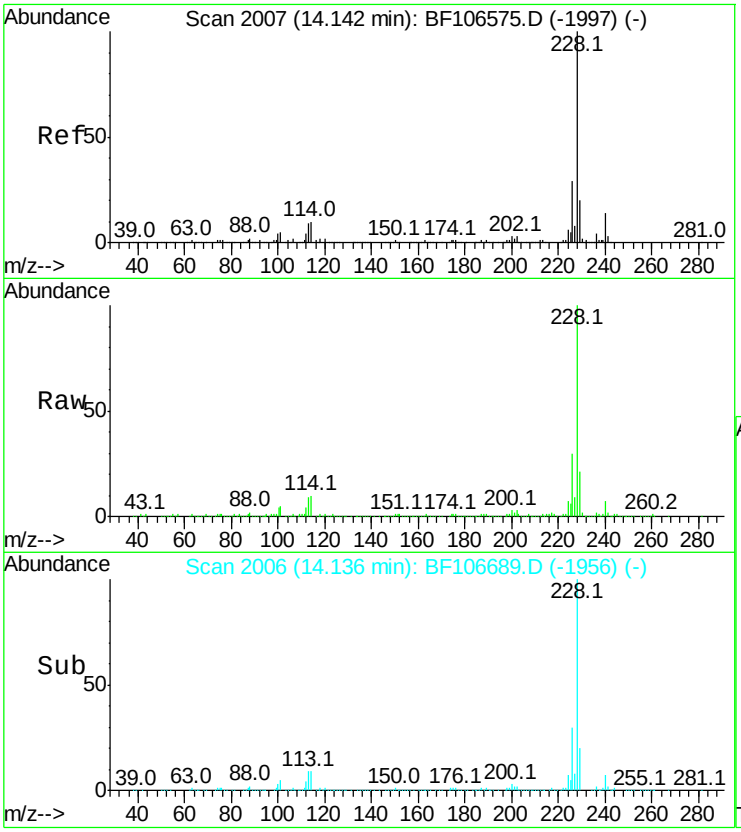


#78
Terphenyl-d14
Concen: 60.993 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:244 Resp: 359346

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.1	11.0	16.4#



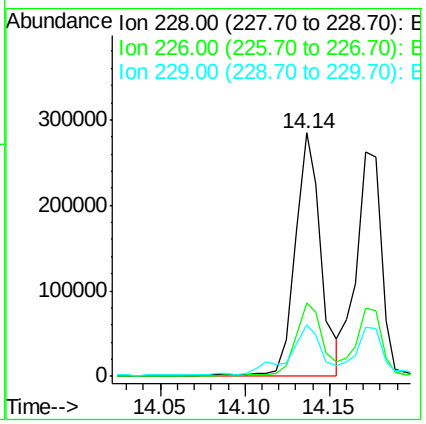


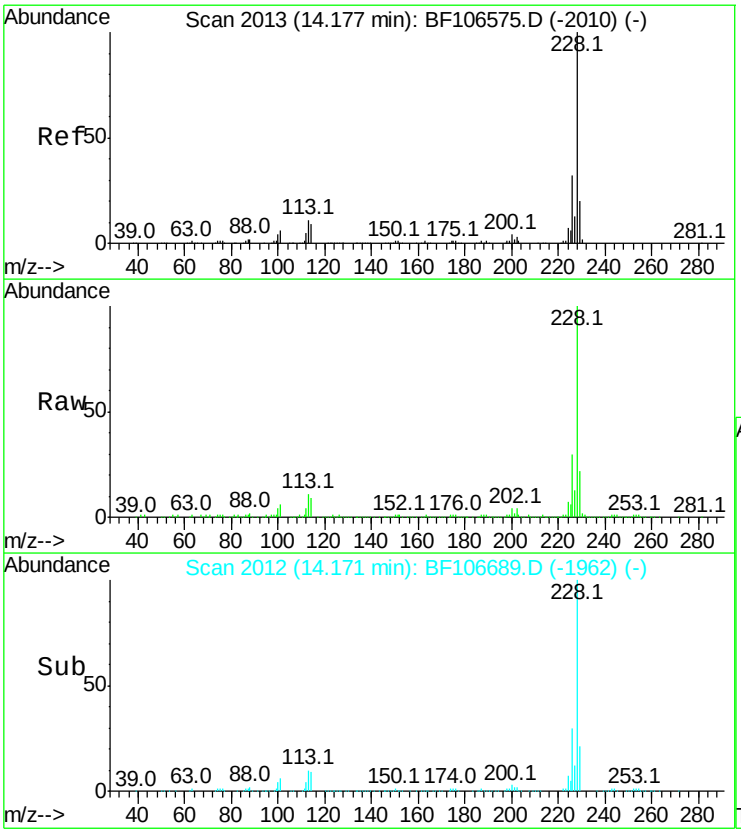
#80
Benzo(a)anthracene
Concen: 34.259 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 297981

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	21.2	15.8	23.6

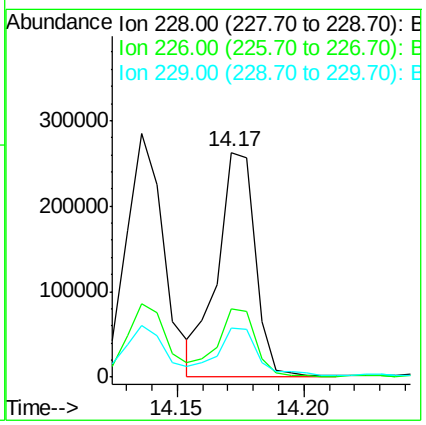


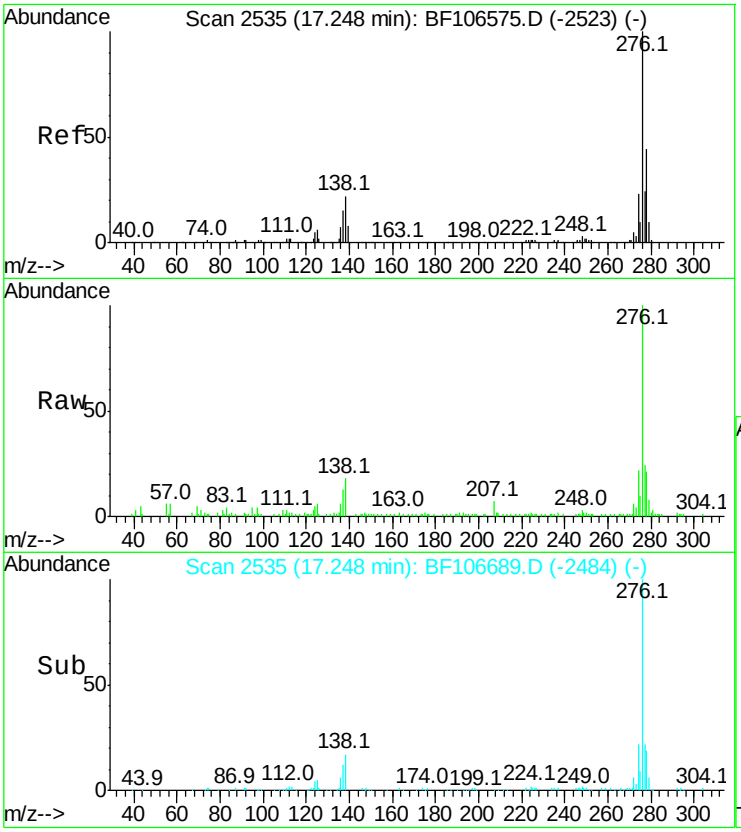


#82
Chrysene
Concen: 33.770 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:228 Resp: 270225

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.8	16.2	24.4



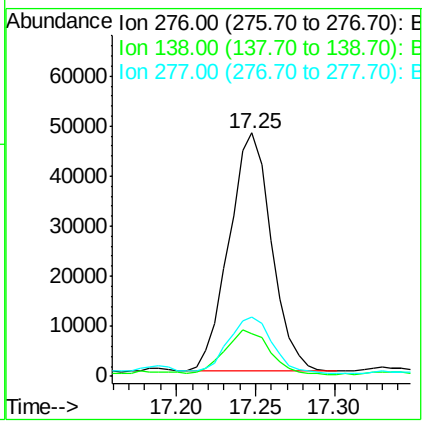


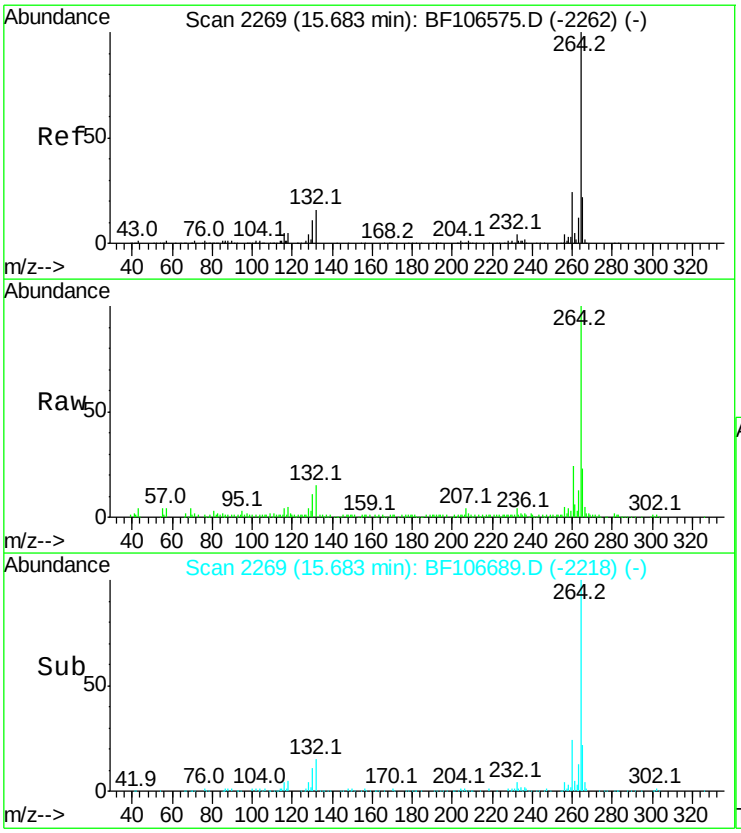
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.028 ng
RT: 17.25 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 88472

Ion	Ratio	Lower	Upper
276	100		
138	19.6	25.0	37.6#
277	25.0	20.1	30.1

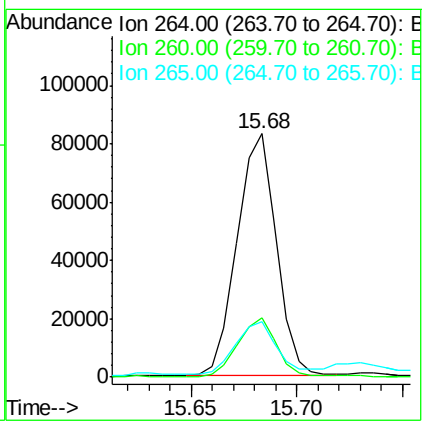


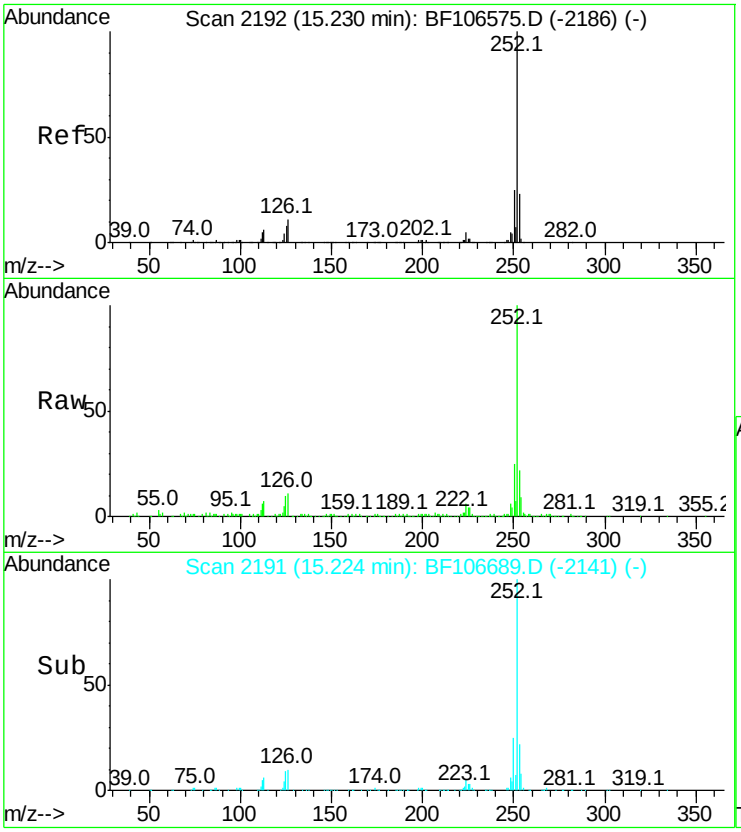


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:264 Resp: 107731

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.7	17.5	26.3



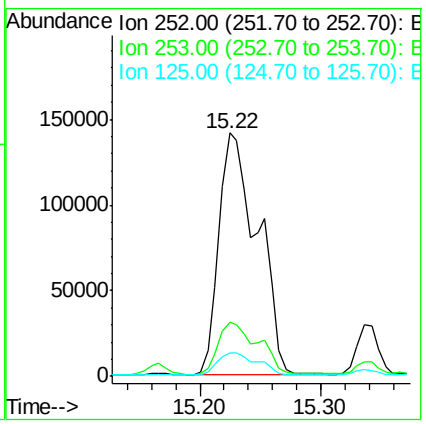


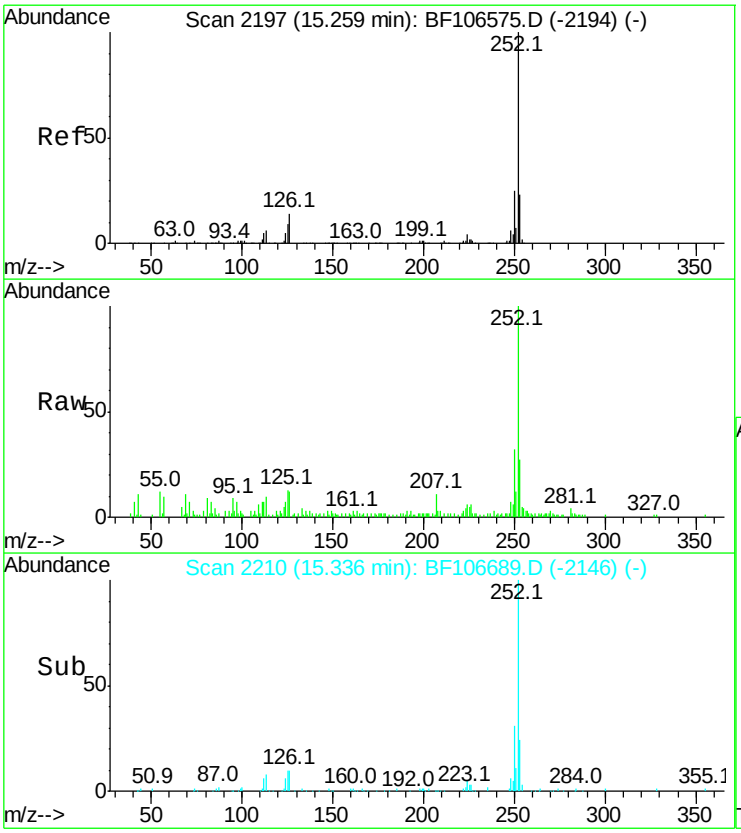
#87
Benzo(b)fluoranthene
Concen: 47.312 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 316624

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.8	9.0	13.6

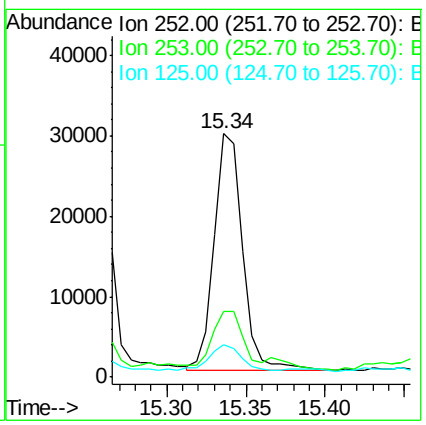


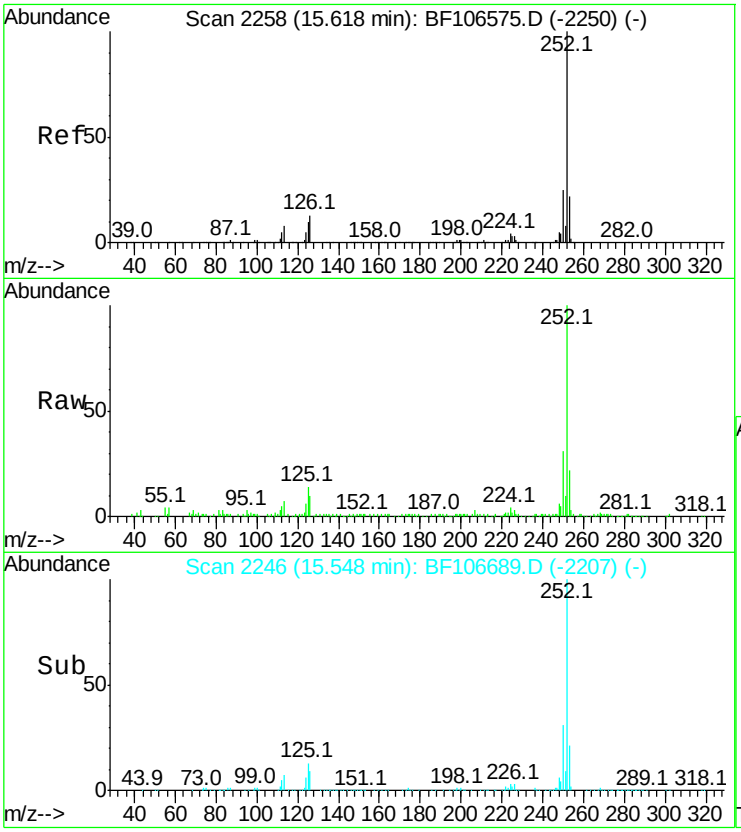


#88
Benzo(k)fluoranthene
Concen: 5.773 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.08 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:252 Resp: 36794

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	13.1	10.2	15.2



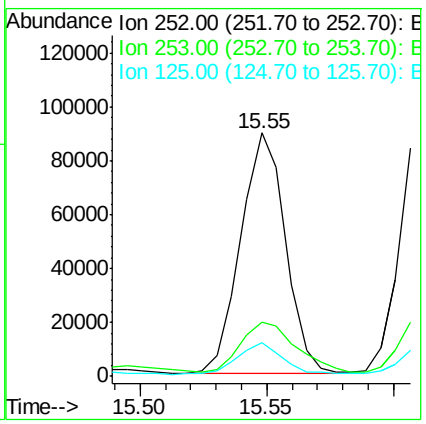


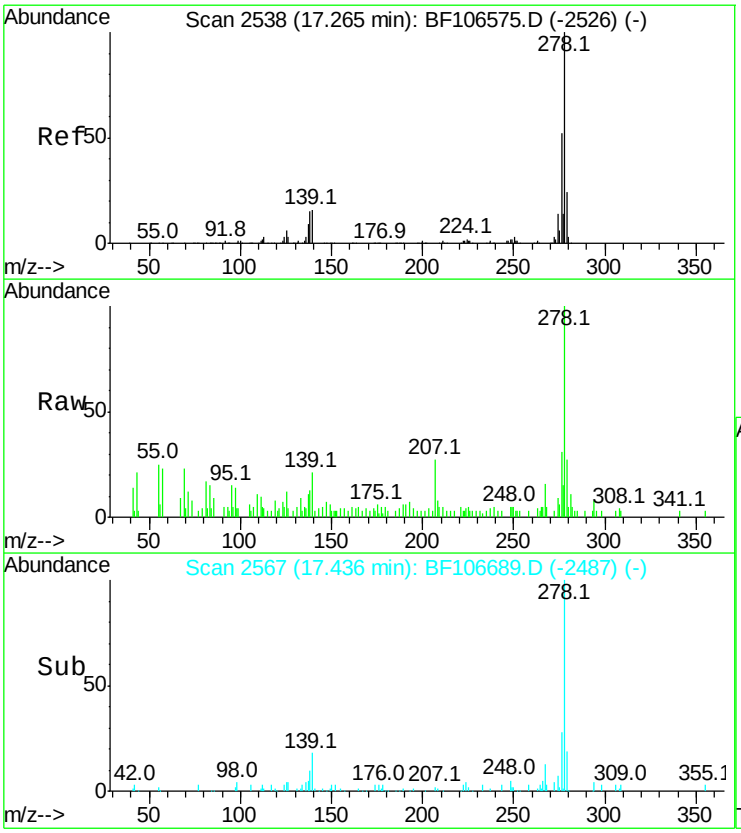
#89
Benzo(a)pyrene
Concen: 18.464 ng
RT: 15.55 min Scan# 2246
Delta R.T. -0.07 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 109845

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.8	9.8	14.6

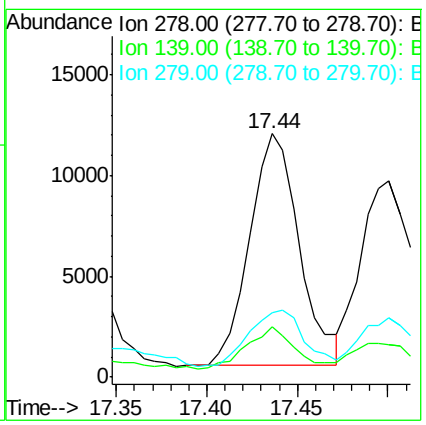


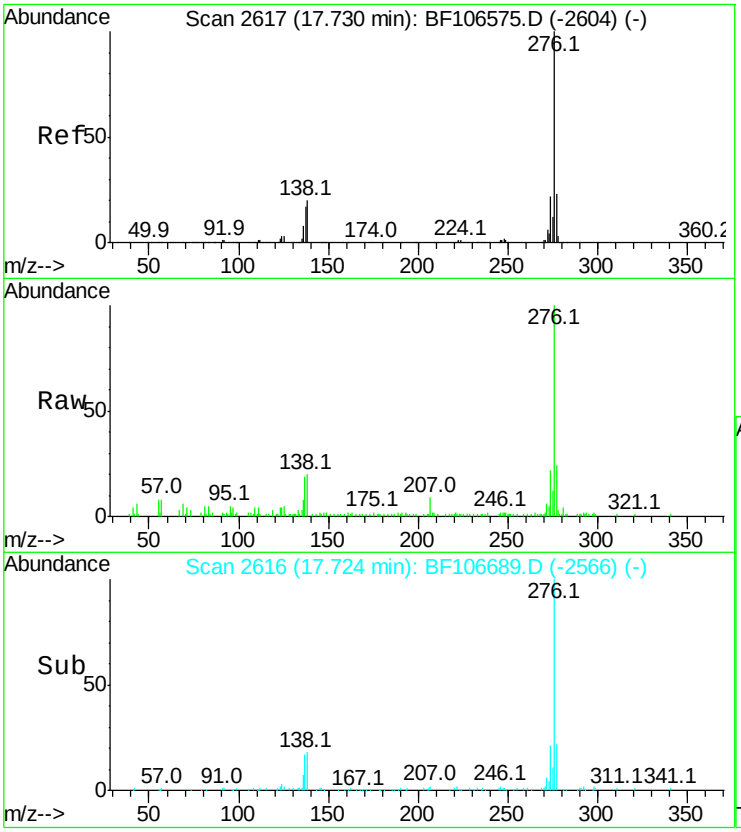


#90
Dibenzo(a,h)anthracene
Concen: 4.359 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.17 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Tgt Ion:278 Resp: 21979

Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.9	23.9
279	26.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 17.507 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BF106689.D
Acq: 22 Jun 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 86275

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	19.7	21.8	32.8#