Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107760.D
Acq On : 27 Jul 2018 21:43
Operator : JU/SJ
Sample : J4121-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072318

Quant Time: Jul 28 01:18:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	164946	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	631524	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	262282	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	448158	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	414512	20.00	ng		-0.02
86) Perylene-d12	15.68	264	386868	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1053422	102.68	ng		-0.01
7) Phenol-d6	6.60	99	1325937	107.64	ng		-0.01
23) Nitrobenzene-d5	7.52	82	851223	90.97	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	328363	110.09	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	1424689	96.50	ng		-0.02
78) Terphenyl-d14	13.08	244	1177863	72.75	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	106135	13.337	ng	#	78
25) Isophorone	7.52	82	854865	42.786	ng	#	64
31) Naphthalene	8.27	128	222882	8.026	ng		98
32) Benzoic acid	8.05	122	117	7.916	ng	#	12
33) 4-Chloroaniline	8.27	127	29690	2.446	ng	#	29
48) Acenaphthylene	9.86	152	140725	5.364	ng		99
49) Dimethylphthalate	9.71	163	85569	4.329	ng		99
51) Acenaphthene	10.03	154	38074	2.316	ng		98
55) 4-Nitrophenol	10.21	139	17410	4.870	ng	#	14
57) Fluorene	10.55	166	84314	4.884	ng		97
64) 4,6-Dinitro-2-methylphenol	10.80	198	394	8.830	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	19395	3.676	ng	#	1
70) Phenanthrene	11.52	178	439788	20.138	ng		98
71) Anthracene	11.57	178	229166	10.422	ng		98
73) Di-n-butylphthalate	12.04	149	6721	Below Cal		#	69
74) Fluoranthene	12.72	202	951307	40.594	ng		97
77) Pyrene	12.95	202	841972	29.696	ng		98
80) Benzo(a)anthracene	14.14	228	598125	24.623	ng		95
81) 3,3'-Dichlorobenzidine	14.06	252	392	Below Cal		#	61
82) Chrysene	14.17	228	460712	19.744	ng		97
85) Indeno(1,2,3-cd)pyrene	17.25	276	175712	8.885	ng	#	88
87) Benzo(b)fluoranthene	15.22	252	782516	36.958	ng		97
88) Benzo(k)fluoranthene	15.22	252	782516	37.723	ng		97
89) Benzo(a)pyrene	15.61	252	418948	21.632	ng		97
91) Benzo(g,h,i)perylene	17.73	276	154147	9.334	ng	#	91

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

Quantitation Report (Not Reviewed)

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Acq On : 27 Jul 2018 21:43
Operator : JU/SJ
Sample : J4121-09
Misc :
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Instrument :
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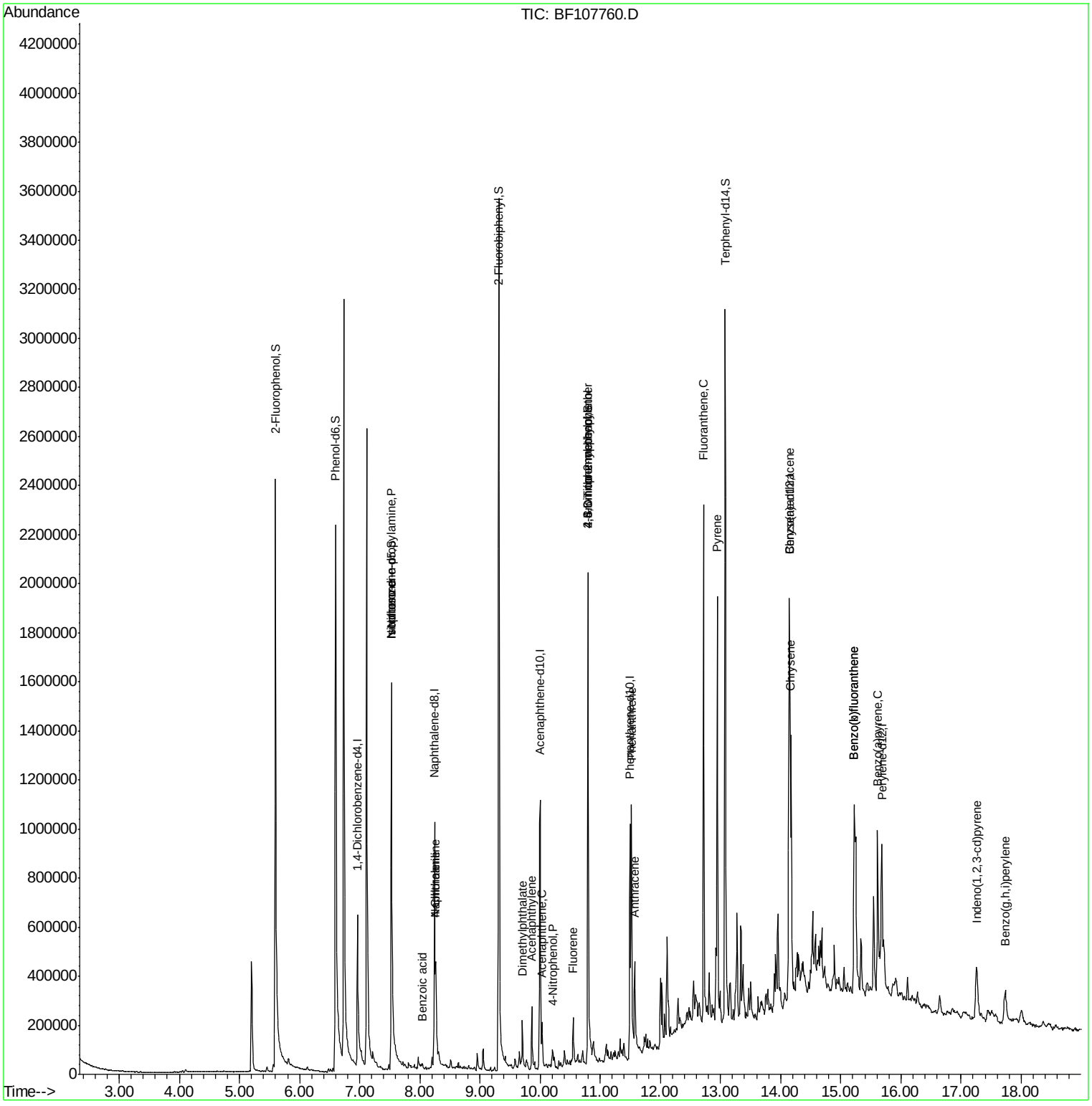
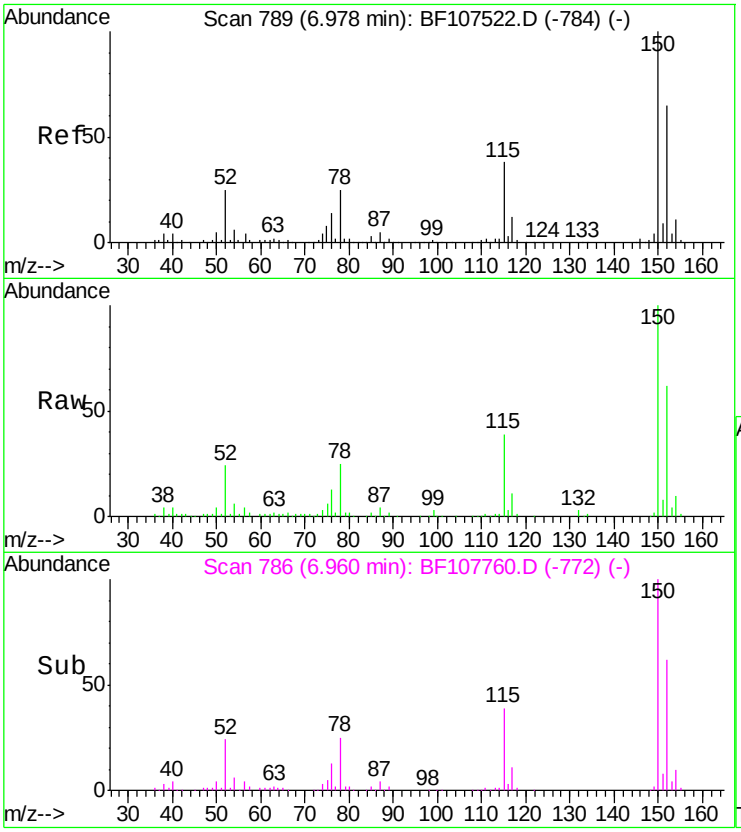
ClientSampleId :
DUP-072318

Quant Time: Jul 28 01:18:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



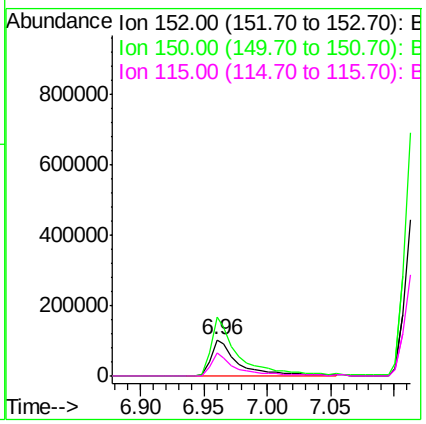


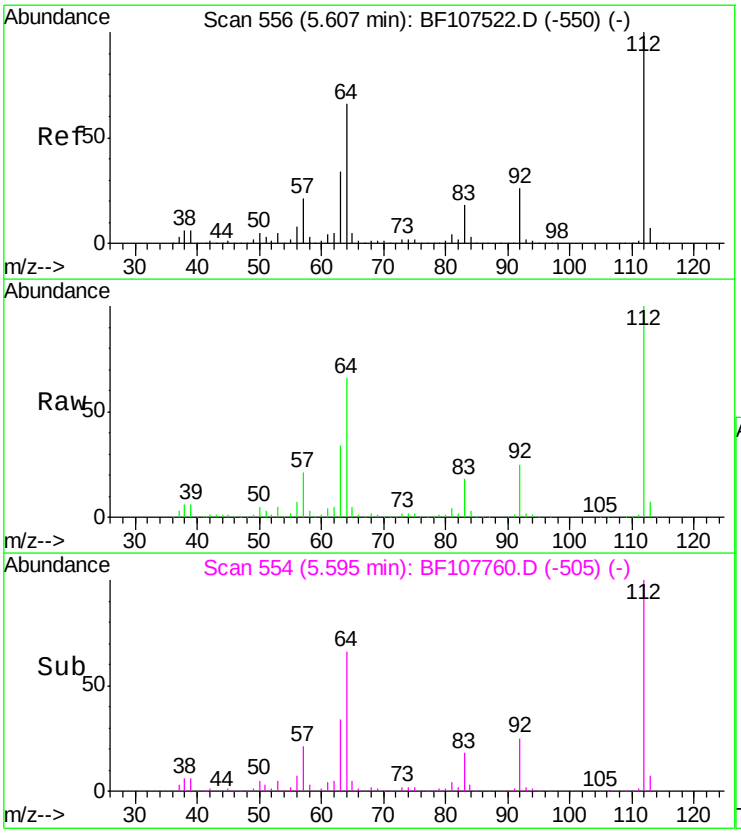
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:152 Resp: 164946

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	62.5	50.1	75.1

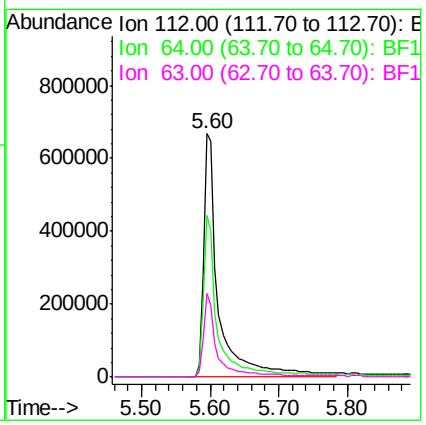


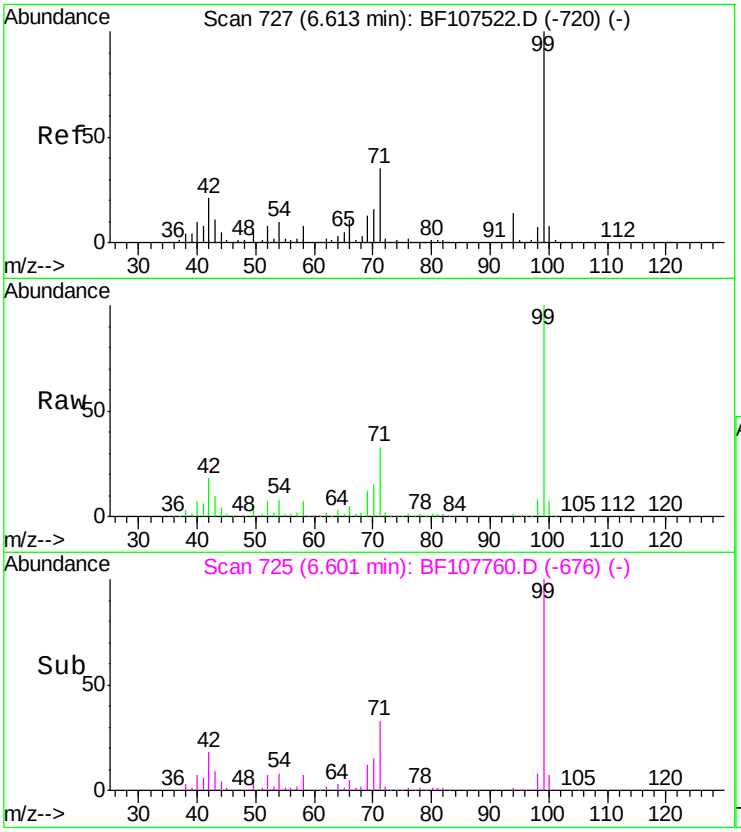


#5
2-Fluorophenol
Concen: 102.682 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:112 Resp: 1053422

Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	34.1	23.7	35.5



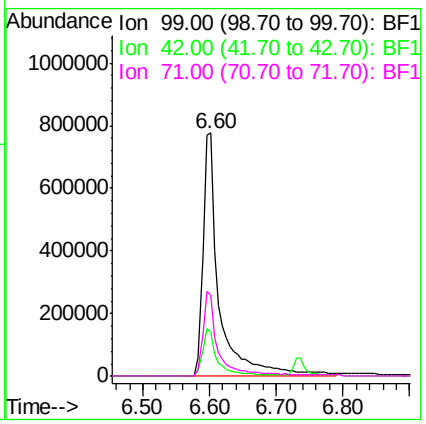


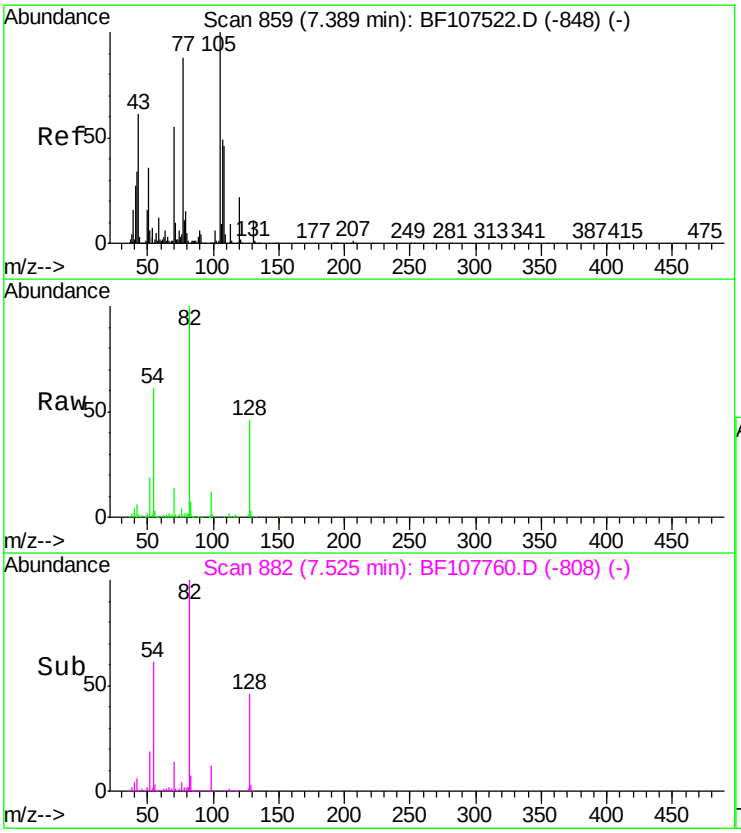
#7
Phenol-d6
Concen: 107.638 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion: 99 Resp: 1325937

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	33.0	25.4	38.0

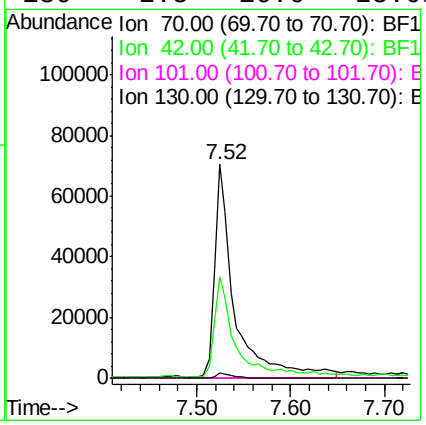


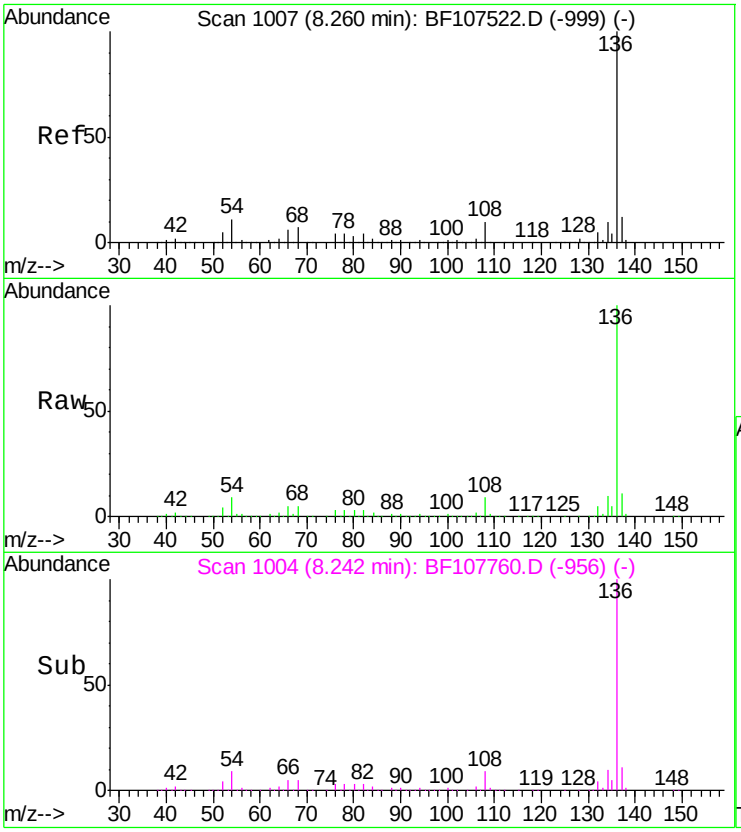


#19
n-Nitroso-di-n-propylamine
Concen: 13.337 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion: 70 Resp: 106135

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



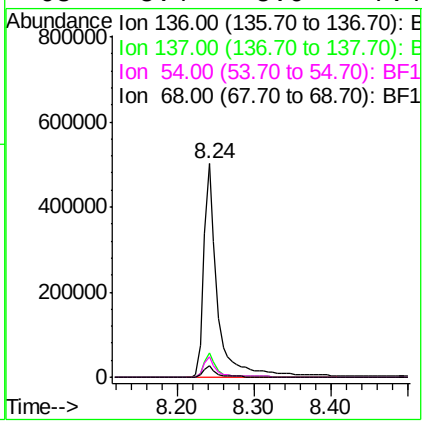


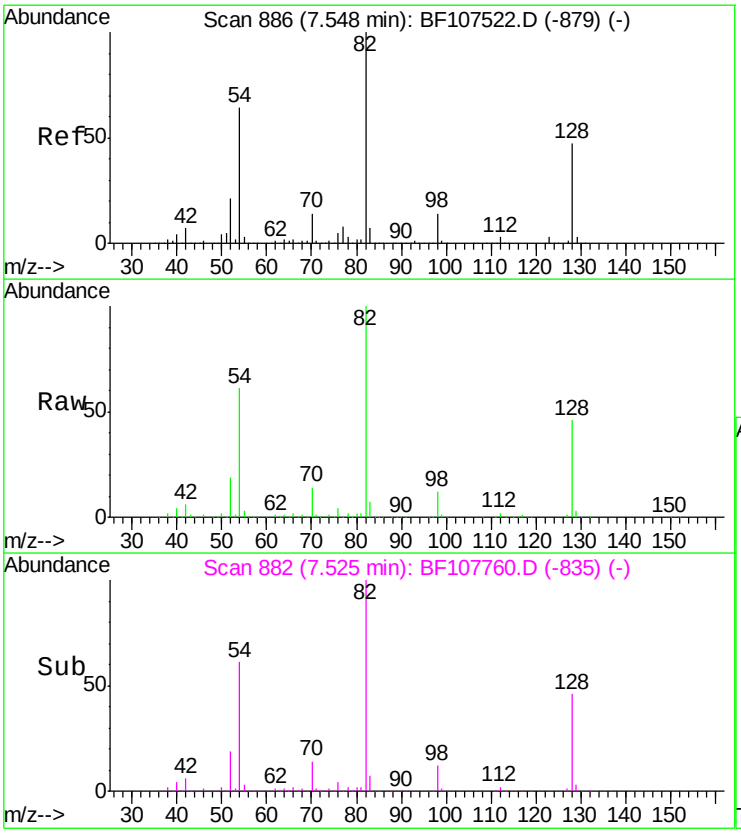
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:136 Resp: 631524

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	5.4	5.0	7.4

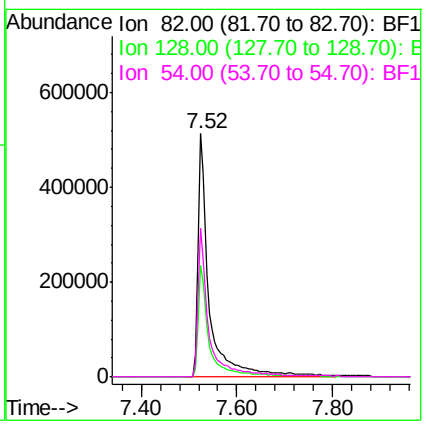


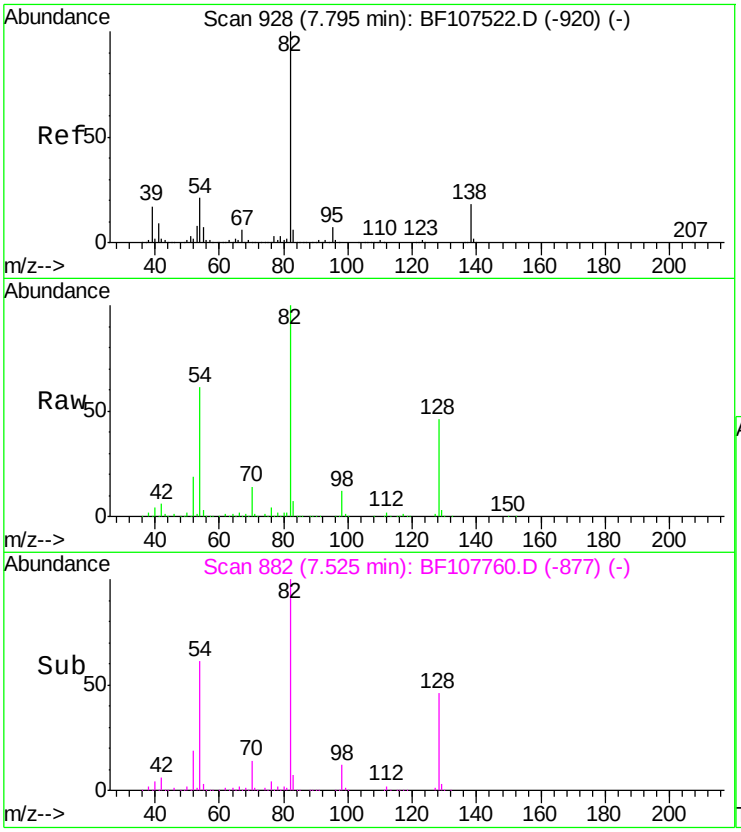


#23
Nitrobenzene-d5
Concen: 90.966 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion: 82 Resp: 851223

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	61.1	41.4	62.2



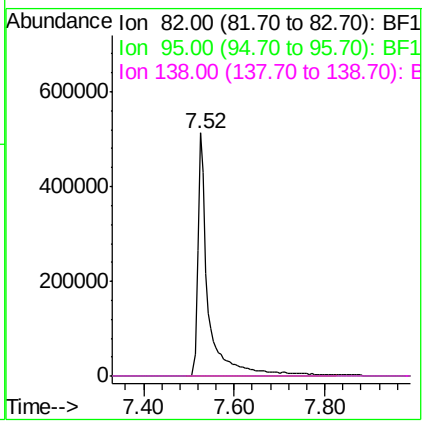


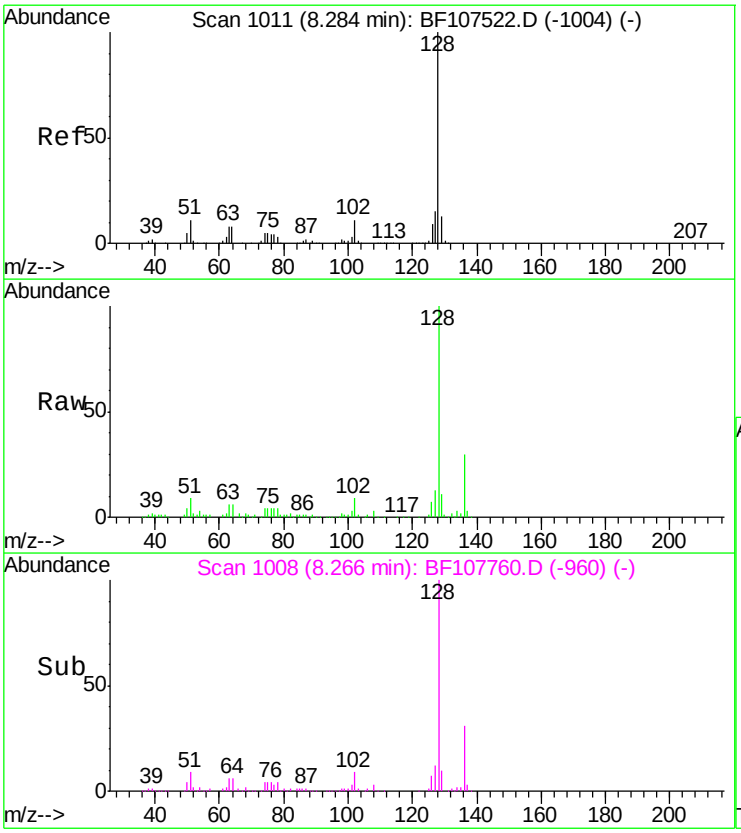
#25
Isophorone
Concen: 42.786 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion: 82 Resp: 854865

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

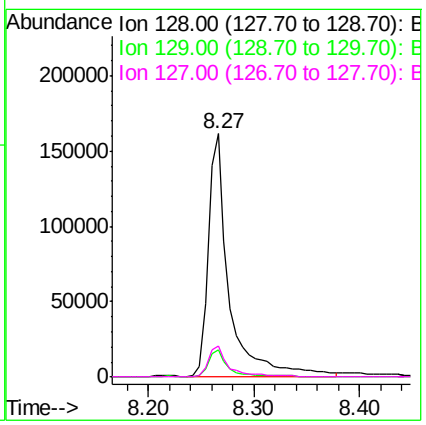


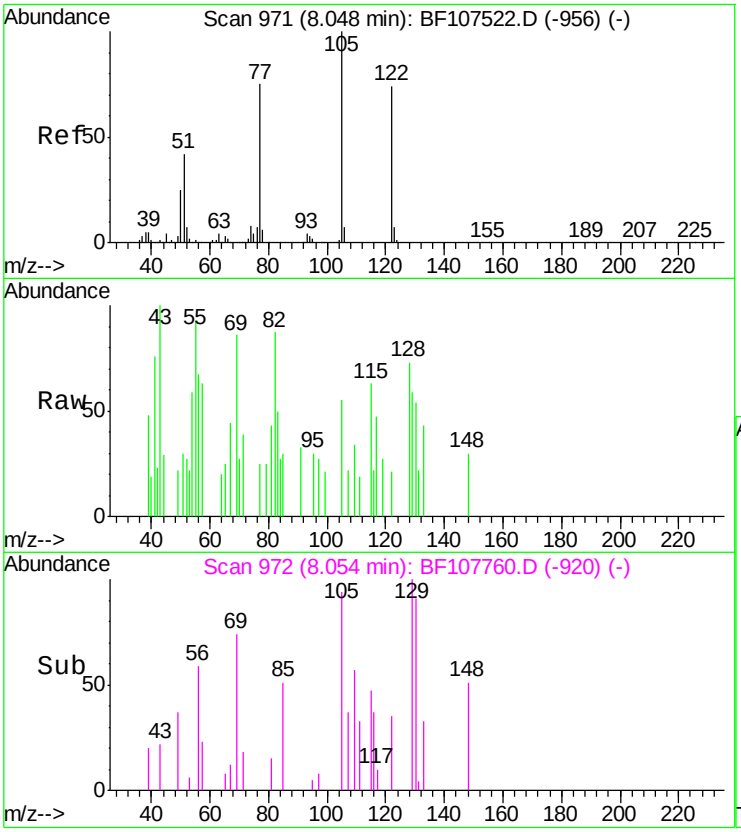


#31
Naphthalene
Concen: 8.026 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:128 Resp: 222882

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.8	10.9	16.3



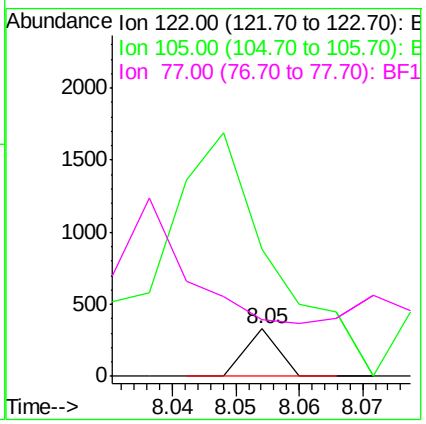


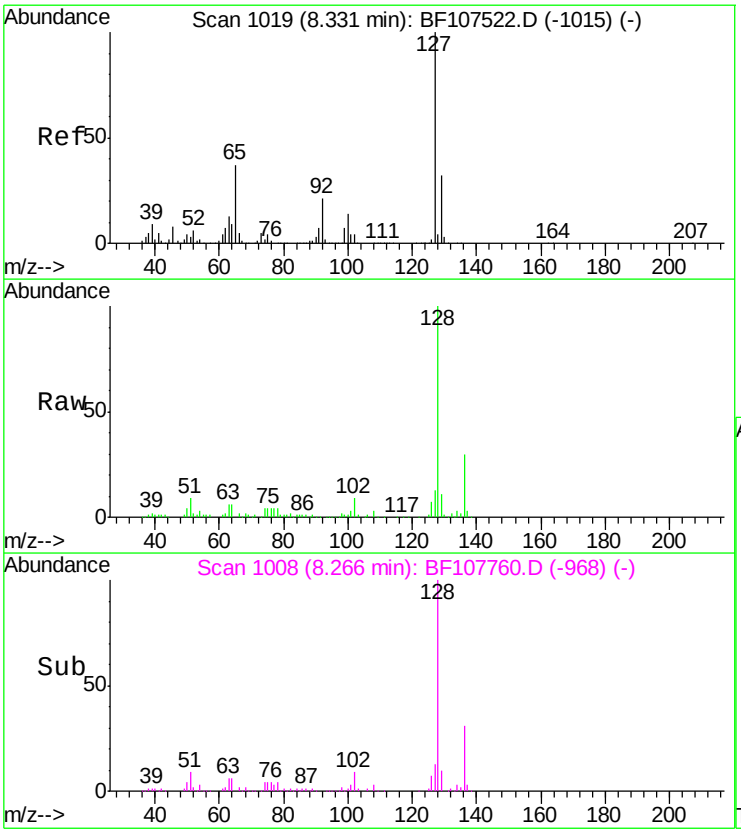
#32
Benzoic acid
Concen: 7.916 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:122 Resp: 117

Ion	Ratio	Lower	Upper
122	100		
105	267.4	101.1	141.1#
77	119.0	70.7	110.7#

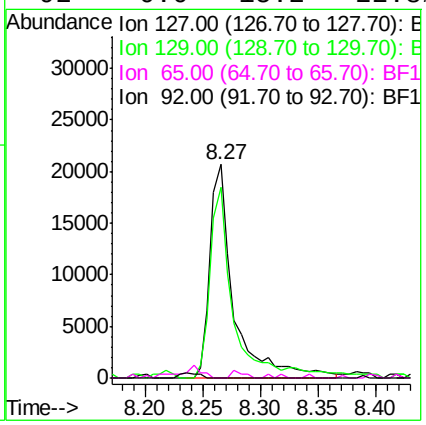


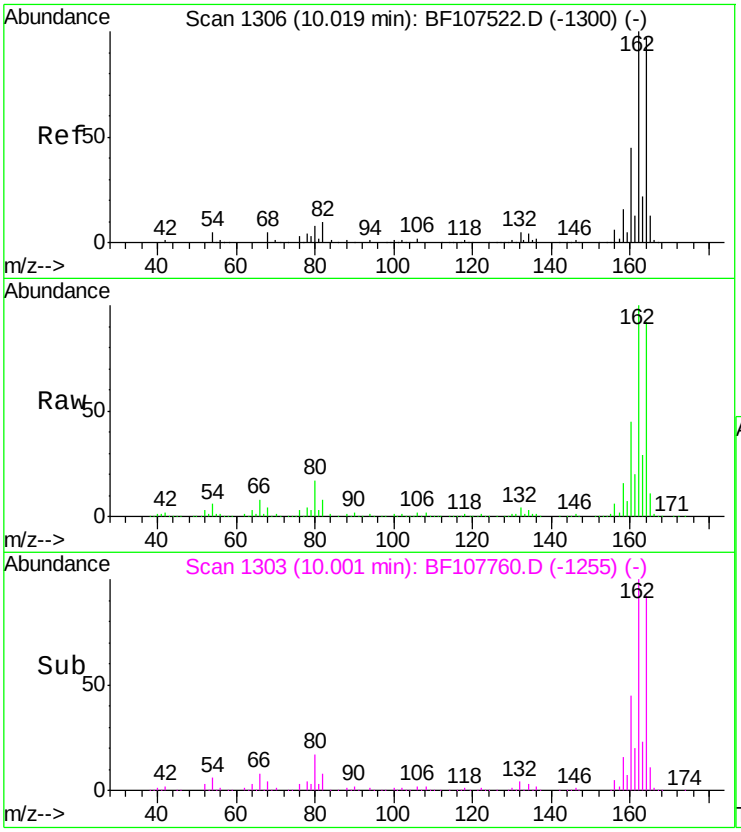


#33
4-Chloroaniline
Concen: 2.446 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:127 Resp: 29690

Ion	Ratio	Lower	Upper
127	100		
129	89.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



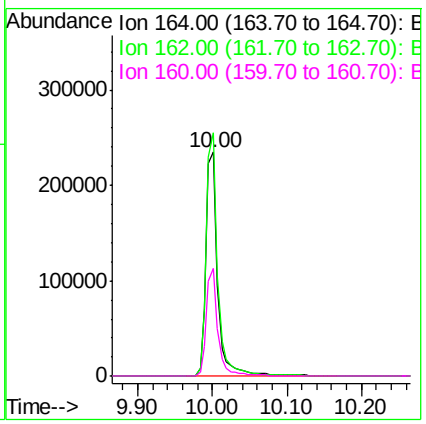


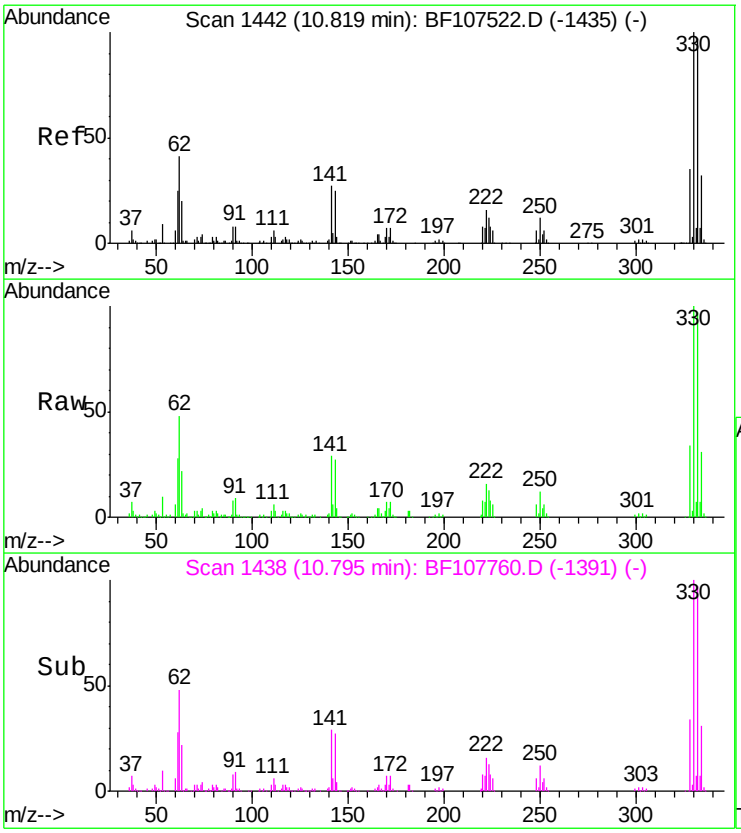
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:164 Resp: 262282

Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.1	129.1
160	48.4	38.3	57.5

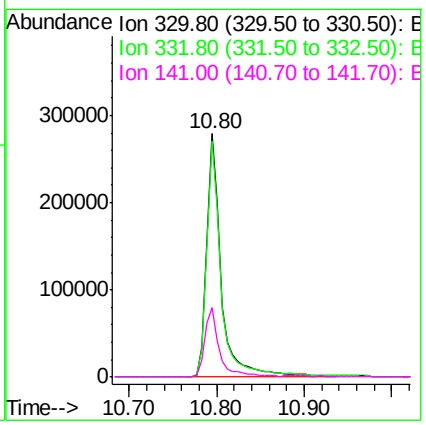


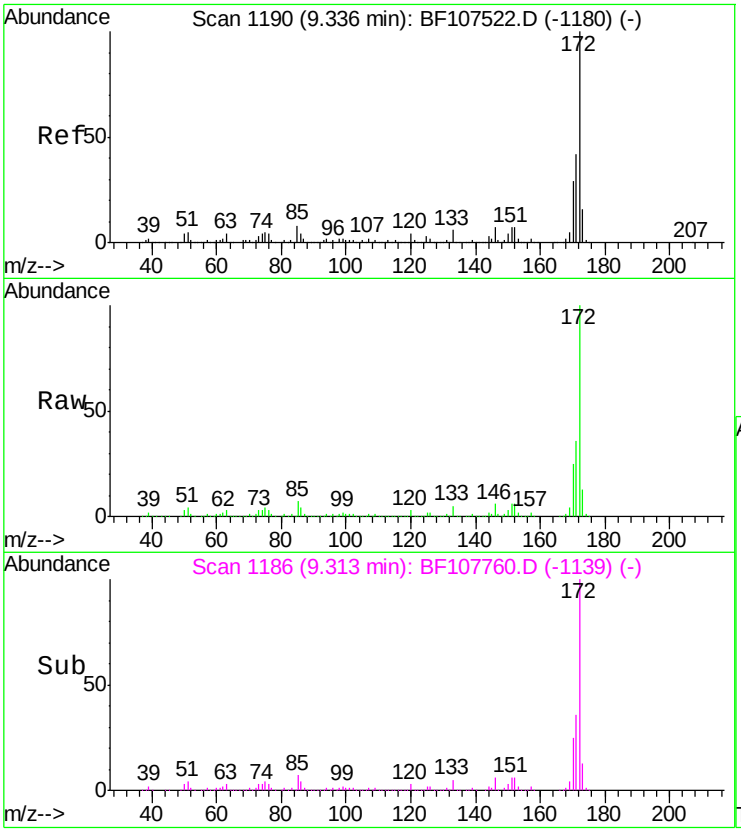


#41
2,4,6-Tribromophenol
Concen: 110.094 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:330 Resp: 328363

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.6	29.9	44.9#



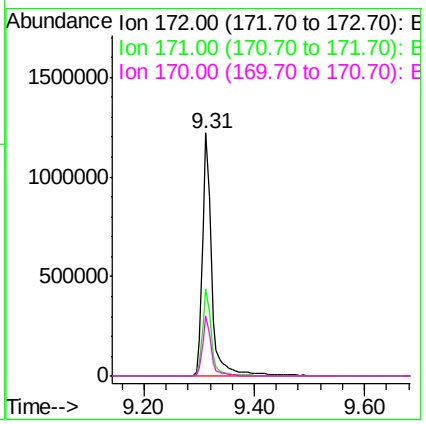


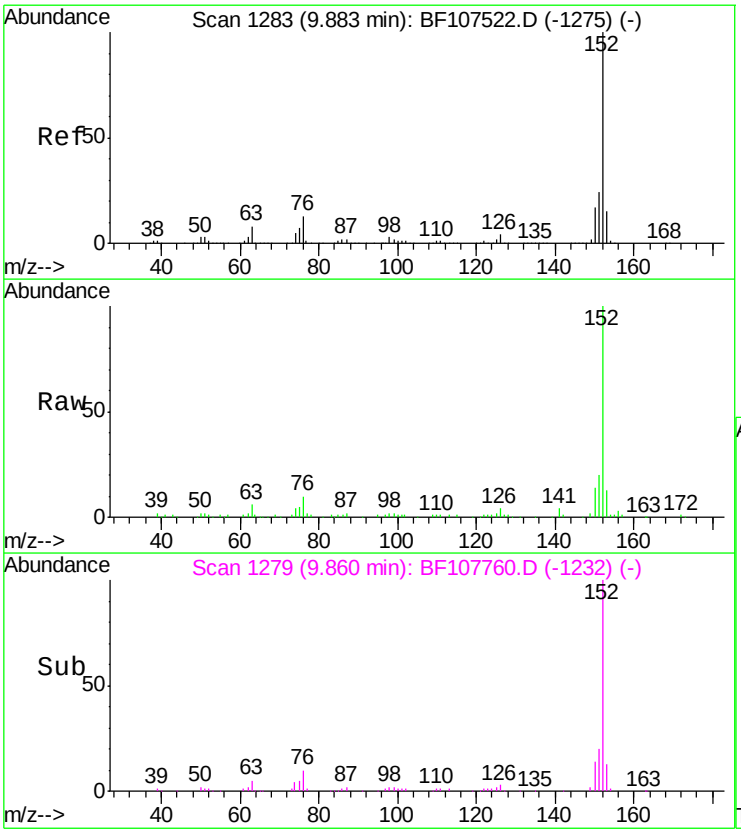
#44
2-Fluorobiphenyl
Concen: 96.496 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:172 Resp: 1424689

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4

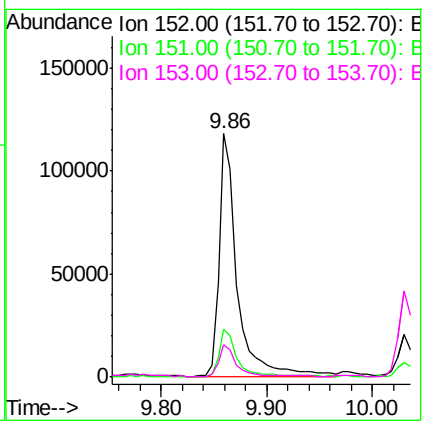


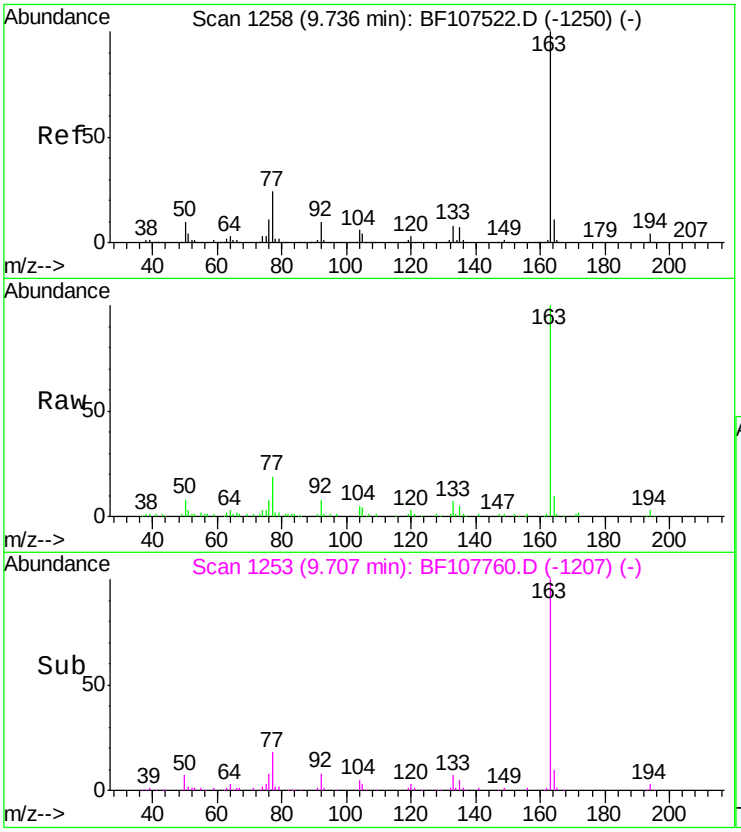


#48
Acenaphthylene
Concen: 5.364 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:152 Resp: 140725

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.5	10.7	16.1



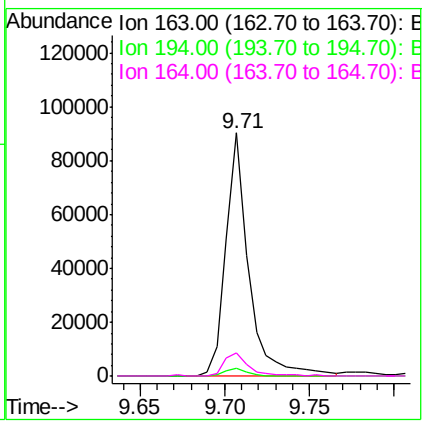


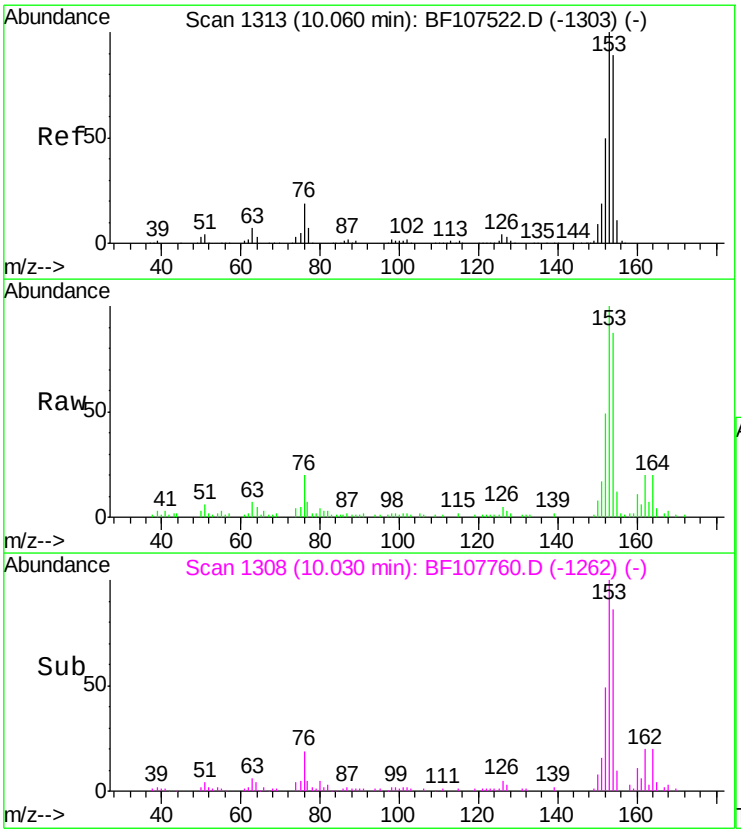
#49
Dimethylphthalate
Concen: 4.329 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:163 Resp: 85569

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

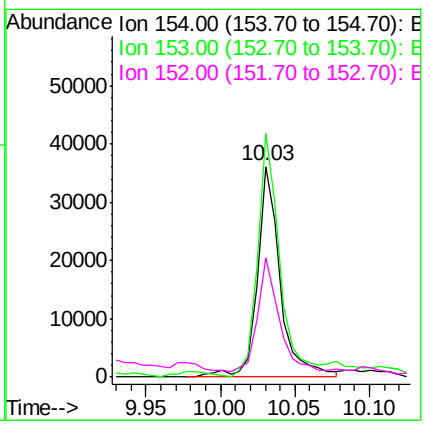


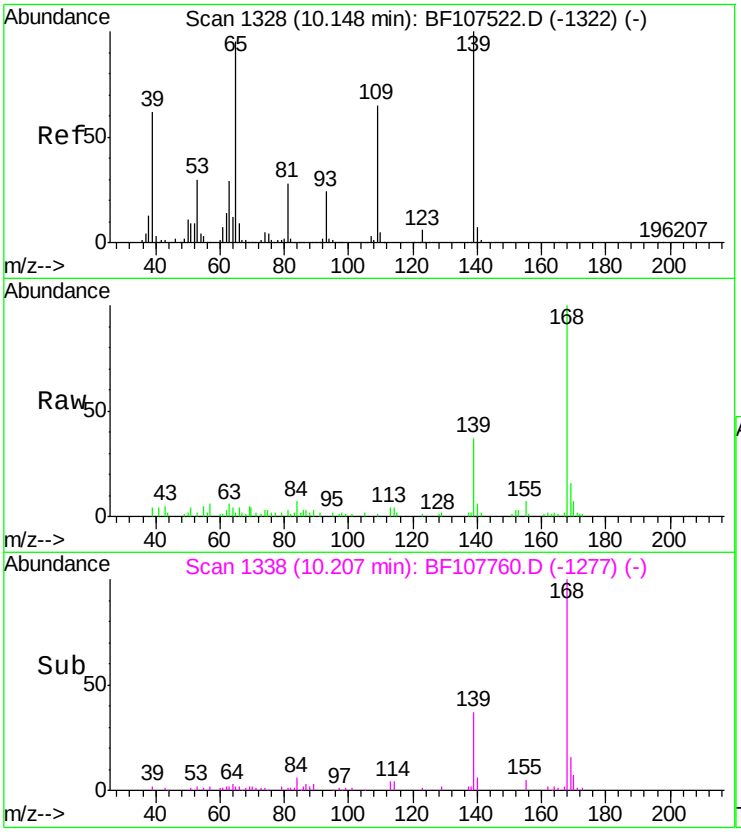


#51
Acenaphthene
Concen: 2.316 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:154 Resp: 38074

Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.2	136.8
152	56.6	43.8	65.8



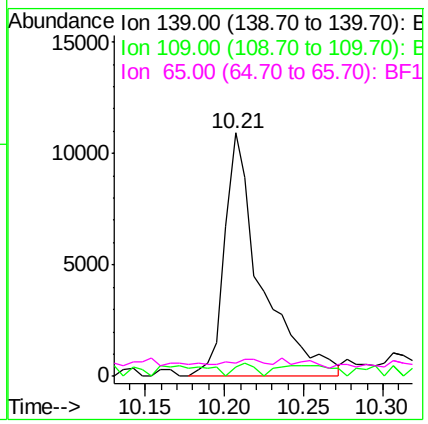


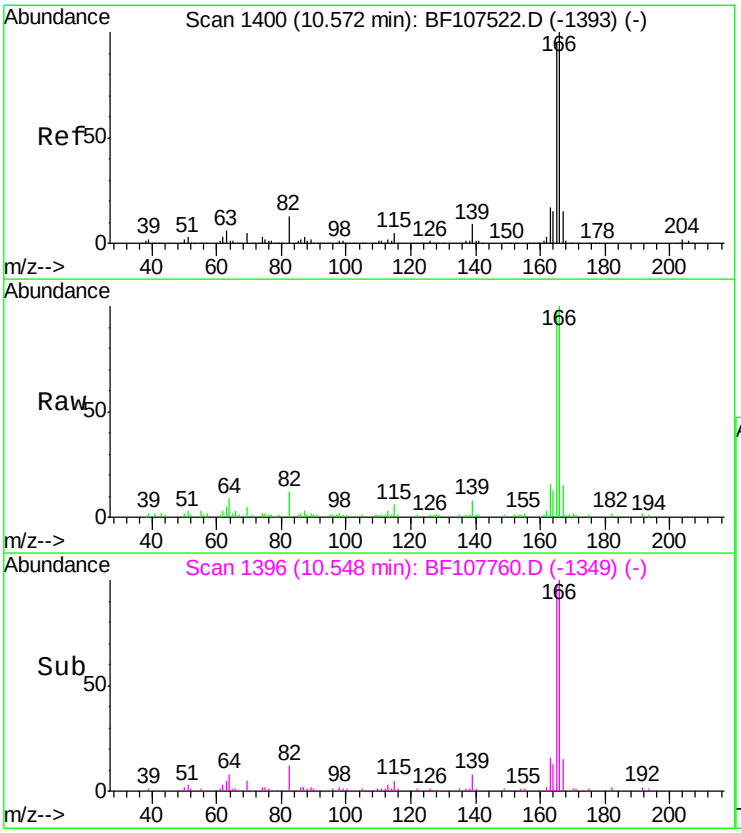
#55
4-Nitrophenol
Concen: 4.870 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:139 Resp: 17410

Ion	Ratio	Lower	Upper
139	100		
109	3.8	48.4	88.4#
65	5.5	72.6	112.6#

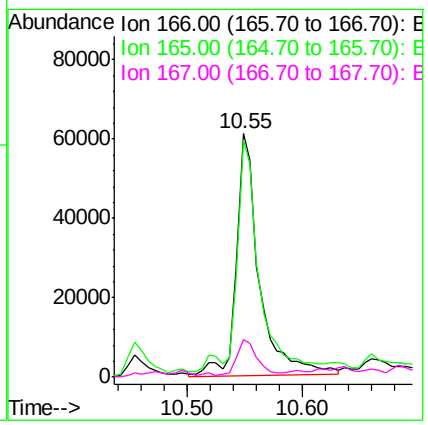


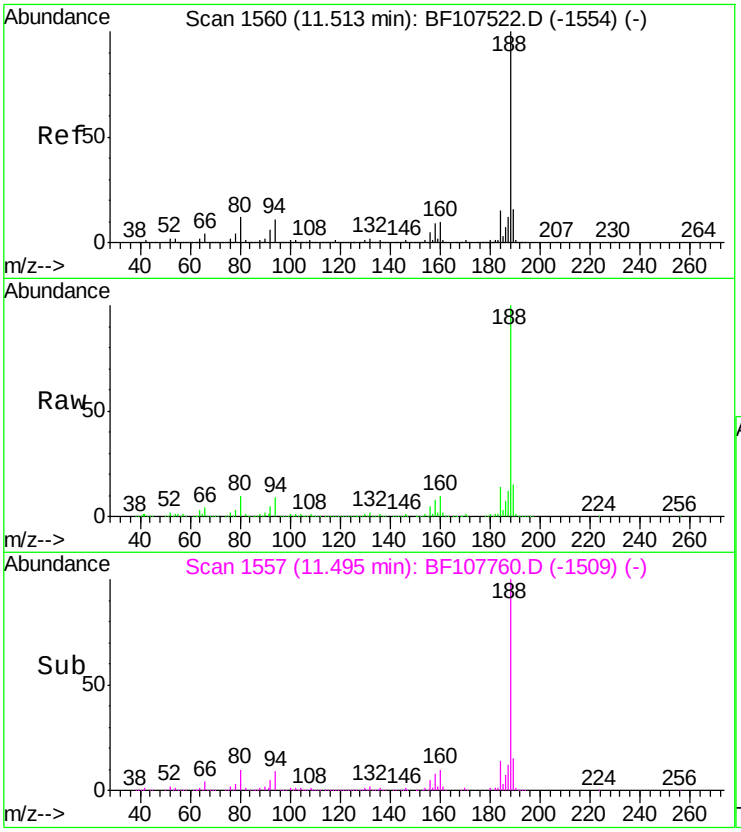


#57
Fluorene
Concen: 4.884 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:166 Resp: 84314

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	15.5	10.6	16.0



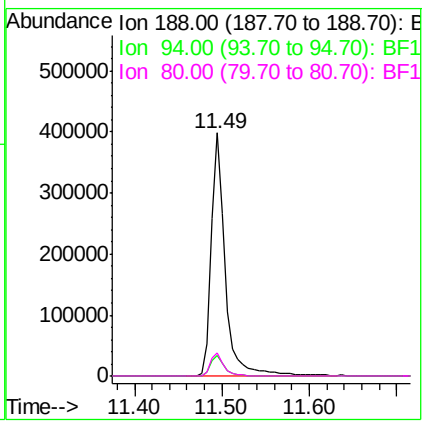


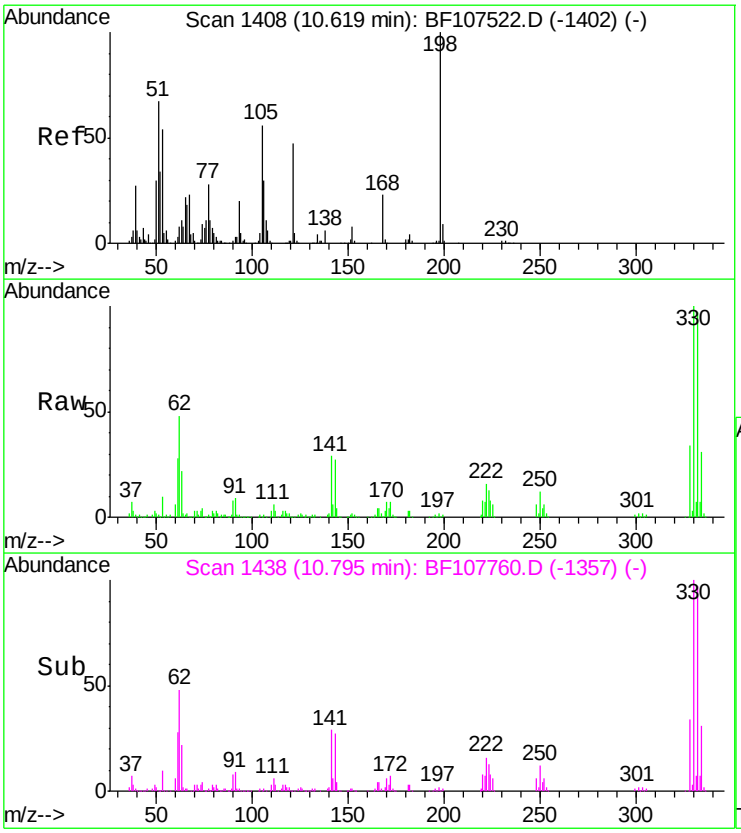
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:188 Resp: 448158

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.8	9.2	13.8

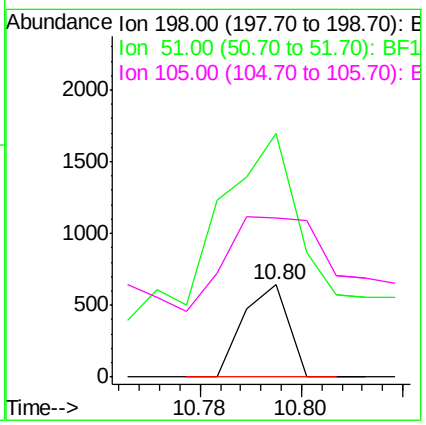


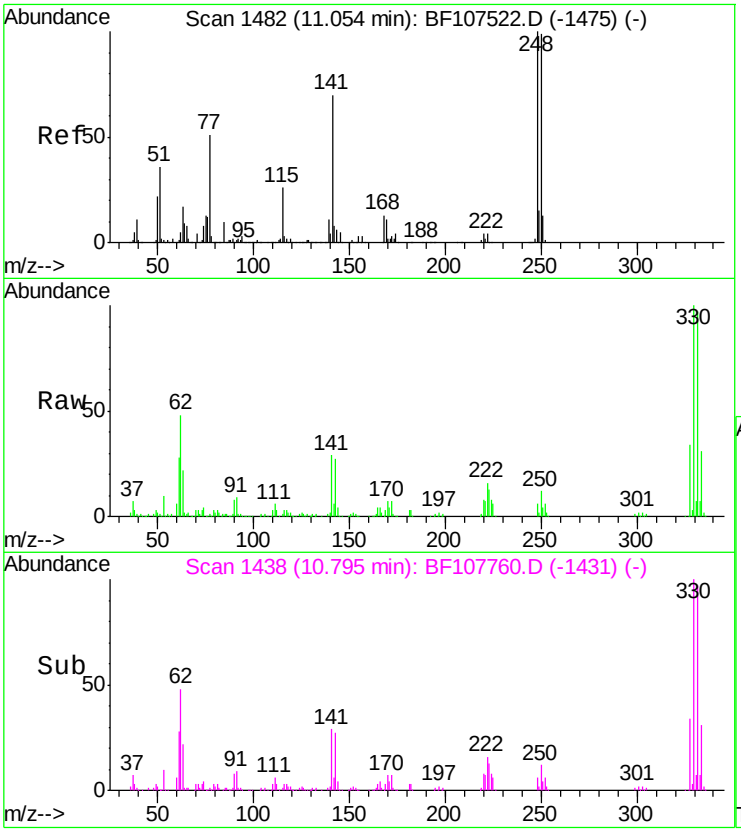


#64
4,6-Dinitro-2-methylphenol
Concen: 8.830 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:198 Resp: 394

Ion	Ratio	Lower	Upper
198	100		
51	263.8	37.7	77.7#
105	172.9	36.3	76.3#



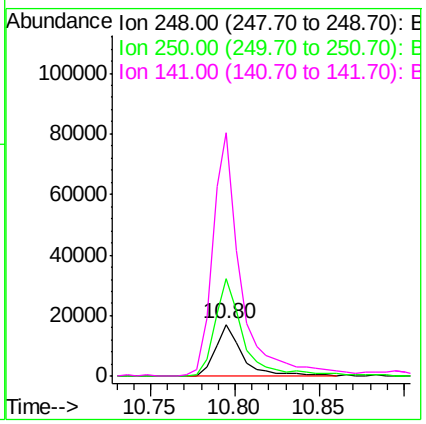


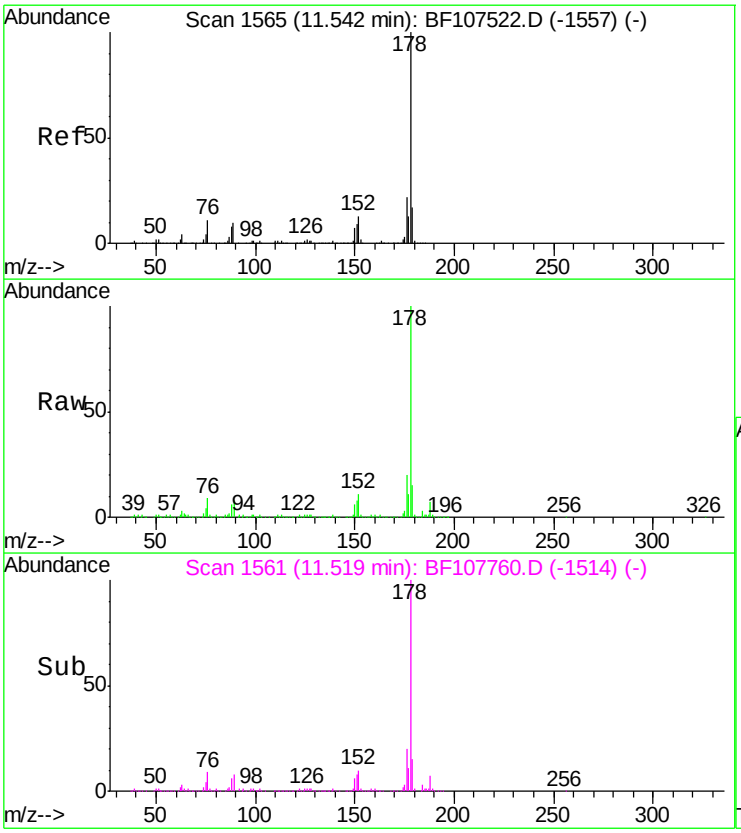
#66
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:248 Resp: 19395

Ion	Ratio	Lower	Upper
248	100		
250	189.8	76.9	115.3#
141	471.9	74.4	111.6#

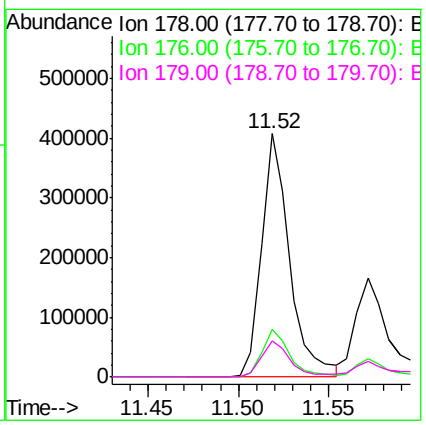


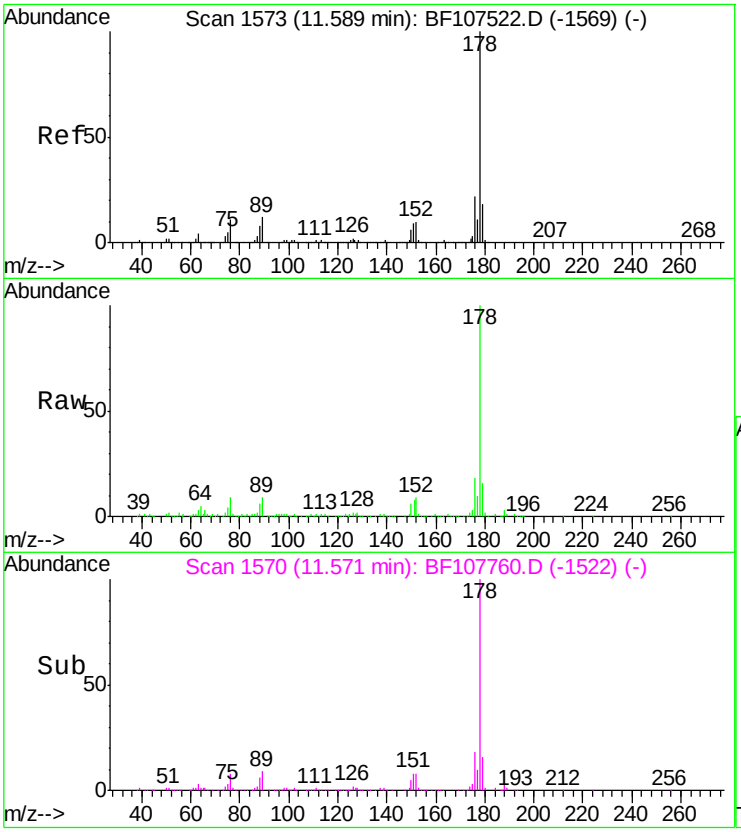


#70
Phenanthrene
Concen: 20.138 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:178 Resp: 439788

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.7	13.0	19.6



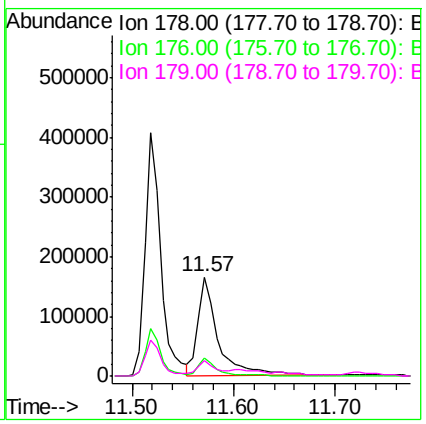


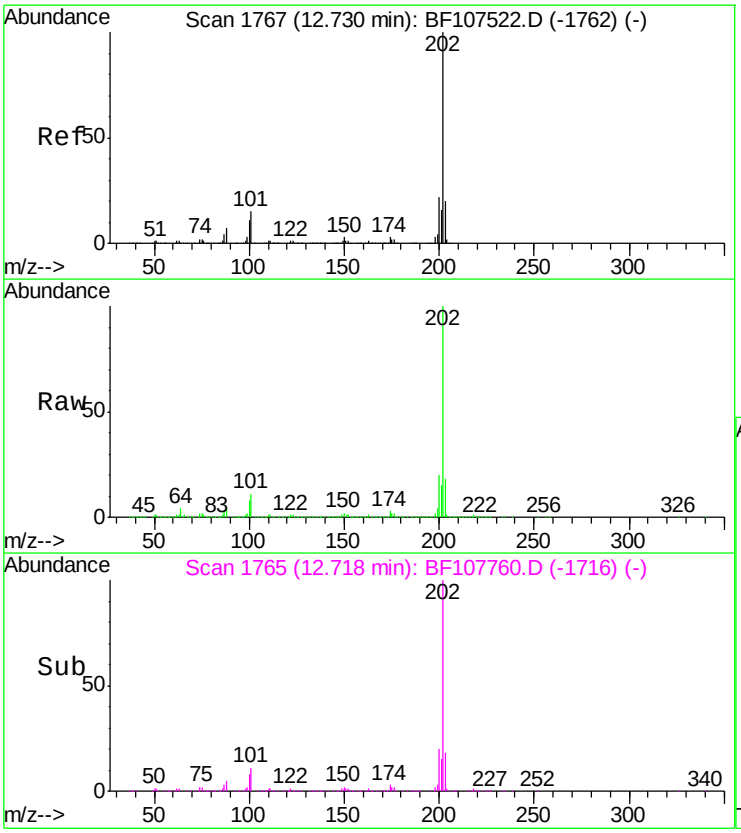
#71
Anthracene
Concen: 10.422 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:178 Resp: 229166

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.3	12.6	19.0

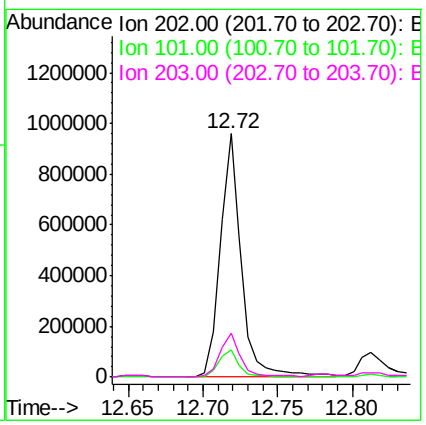


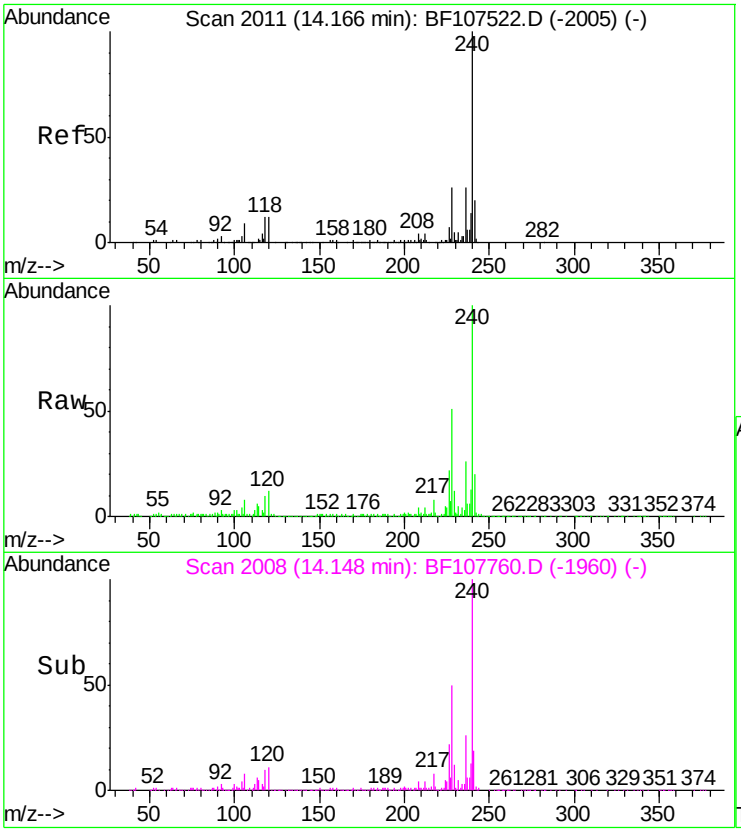


#74
Fluoranthene
Concen: 40.594 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:202 Resp: 951307

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.9	0.0	38.1



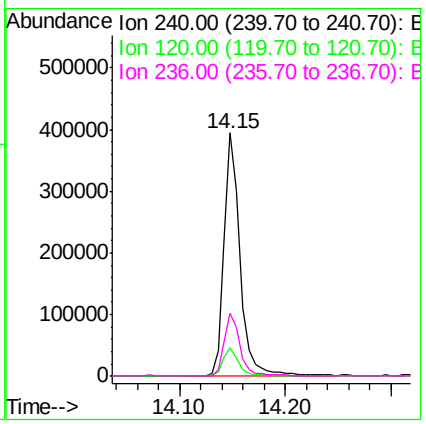


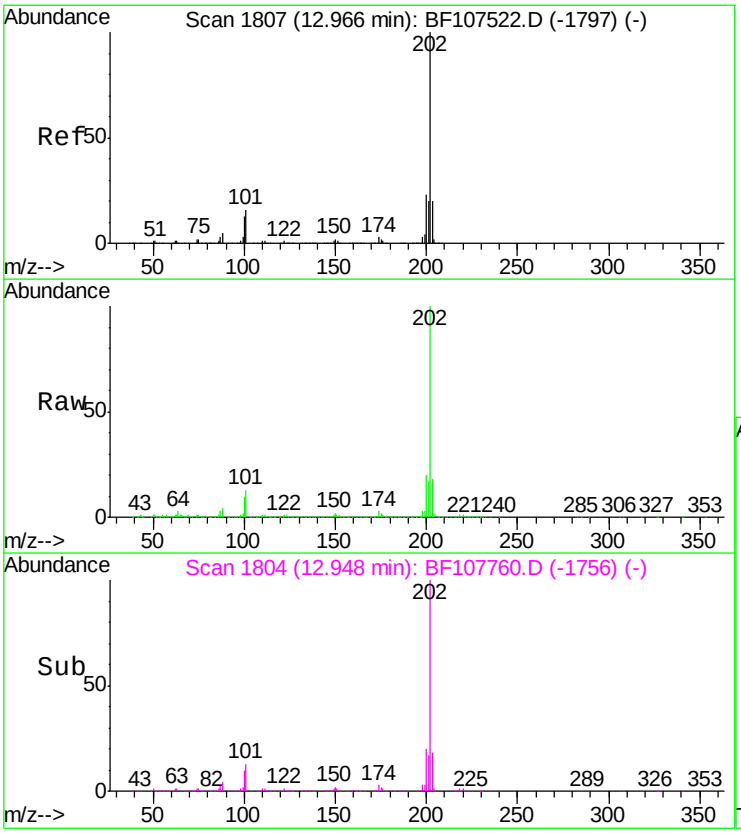
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:240 Resp: 414512

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.2	20.7	31.1

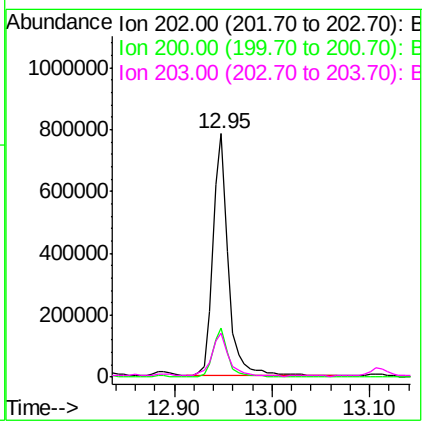


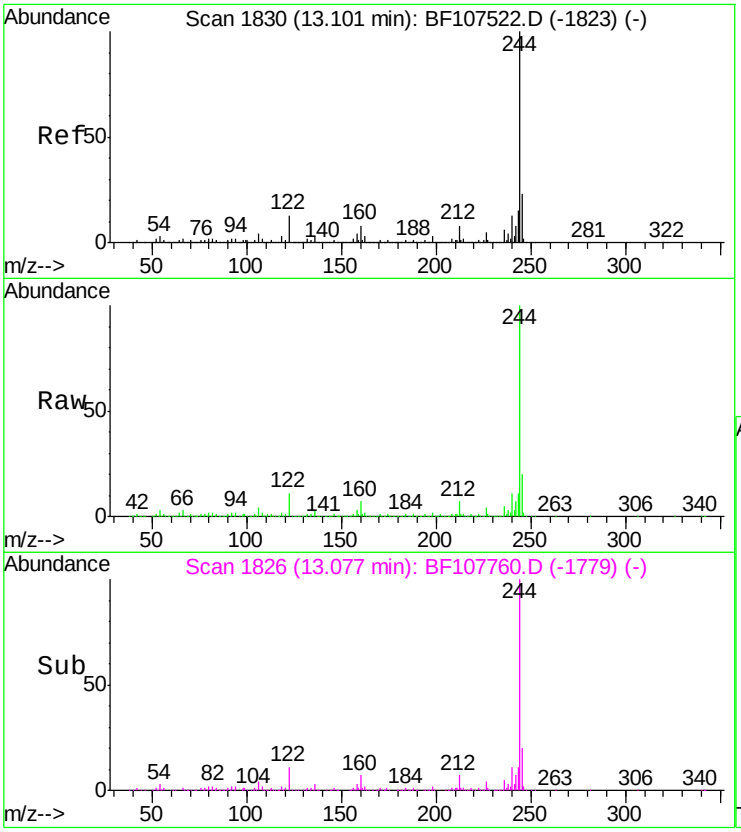


#77
Pyrene
Concen: 29.696 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:202 Resp: 841972

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.2	14.3	21.5



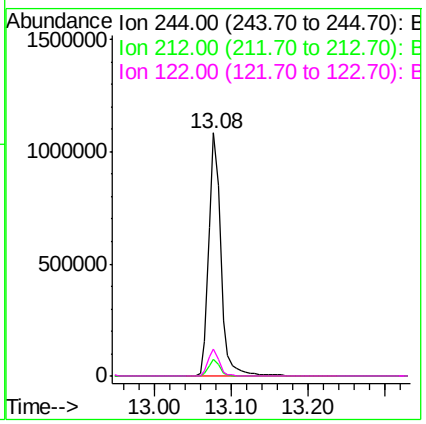


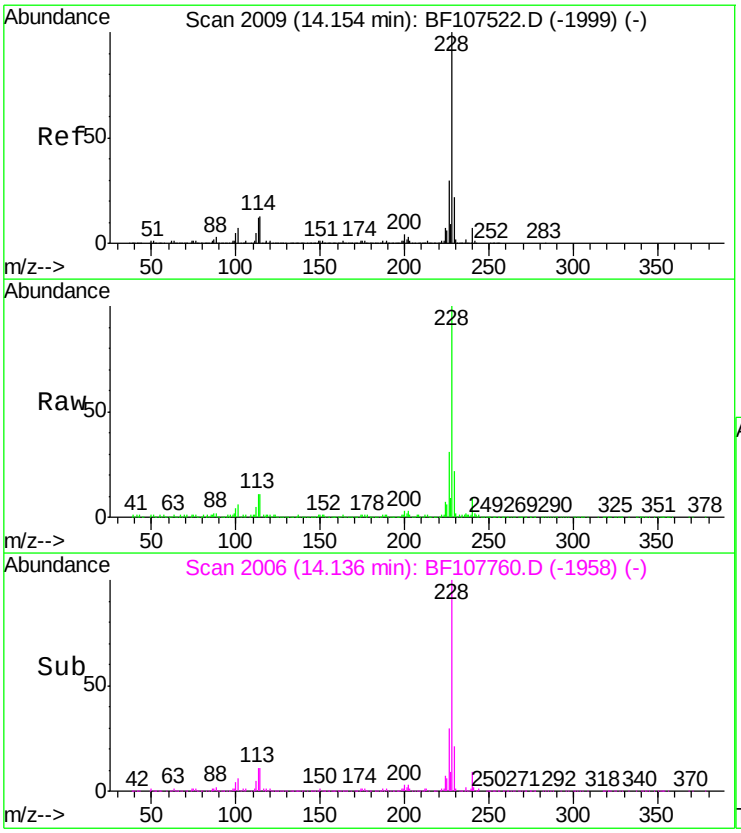
#78
Terphenyl-d14
Concen: 72.747 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:244 Resp: 1177863

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4

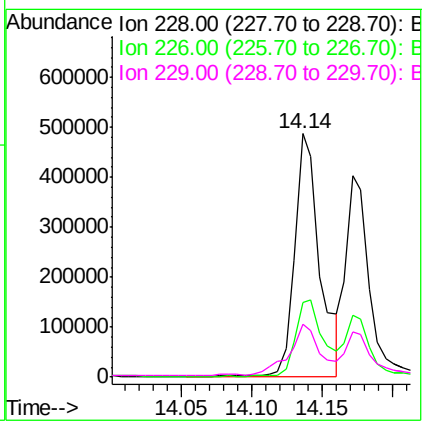


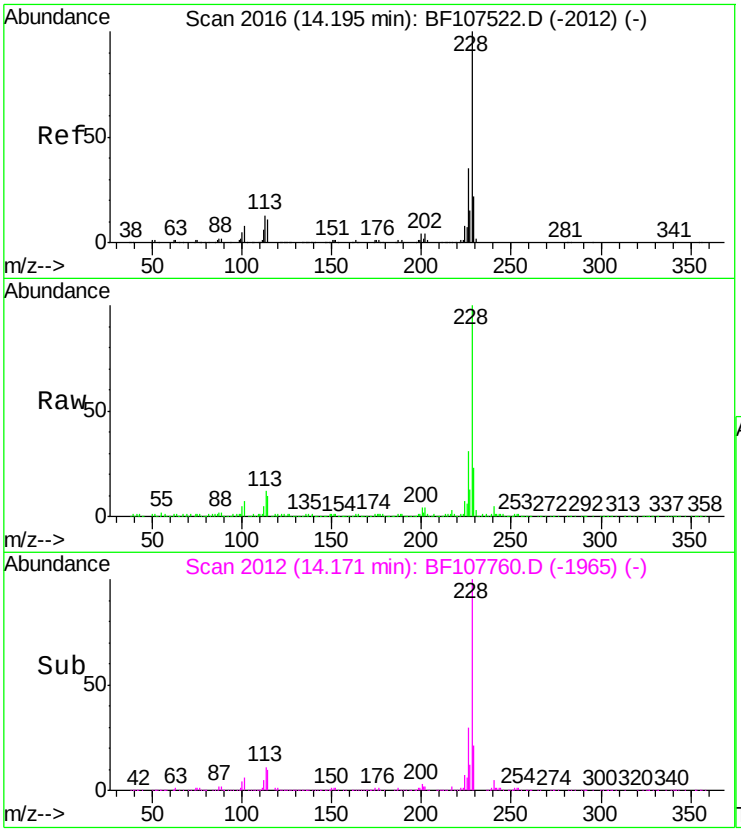


#80
Benzo(a)anthracene
Concen: 24.623 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:228 Resp: 598125

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.9	15.8	23.6



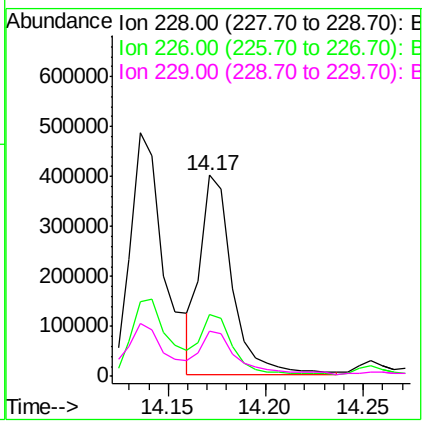


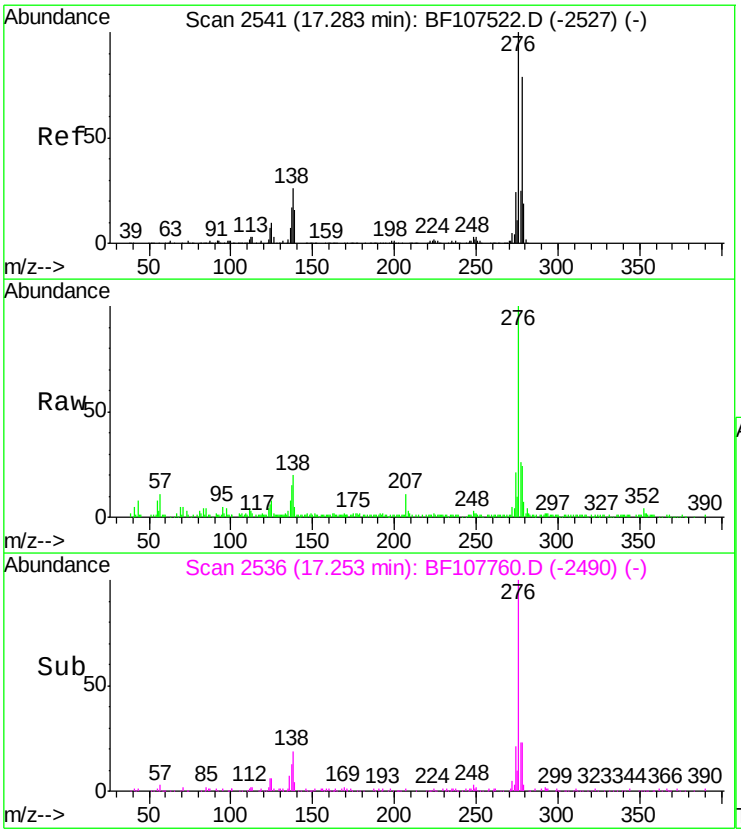
#82
Chrysene
Concen: 19.744 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:228 Resp: 460712

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.6	16.2	24.4

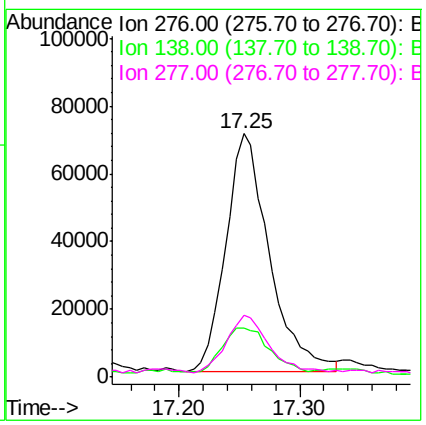


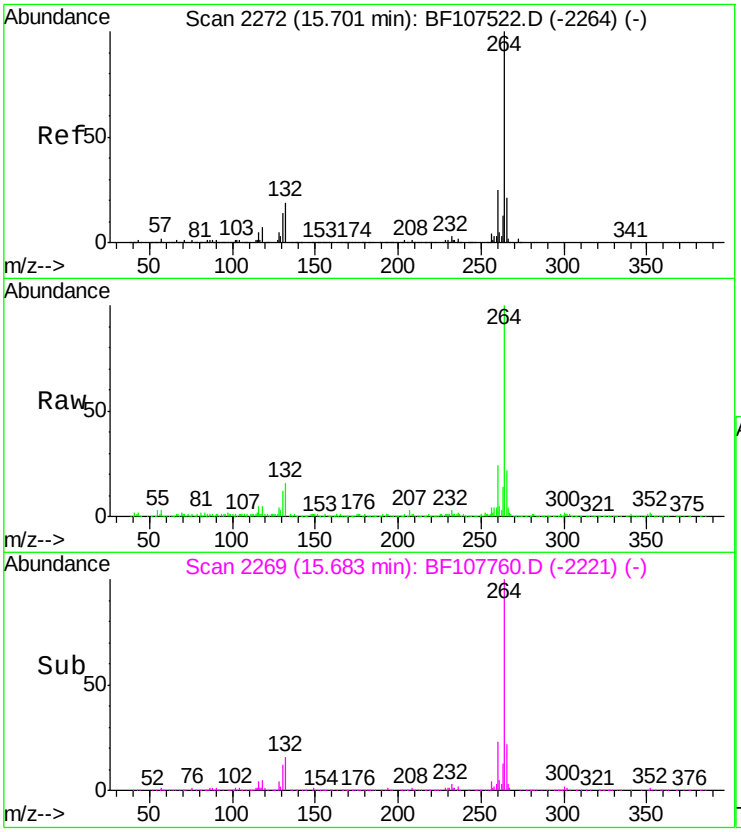


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.885 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.03 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:276 Resp: 175712

Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	23.3	20.1	30.1



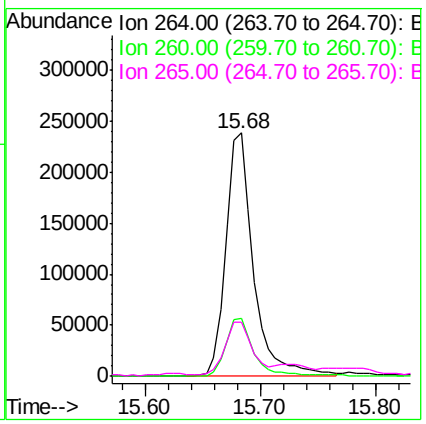


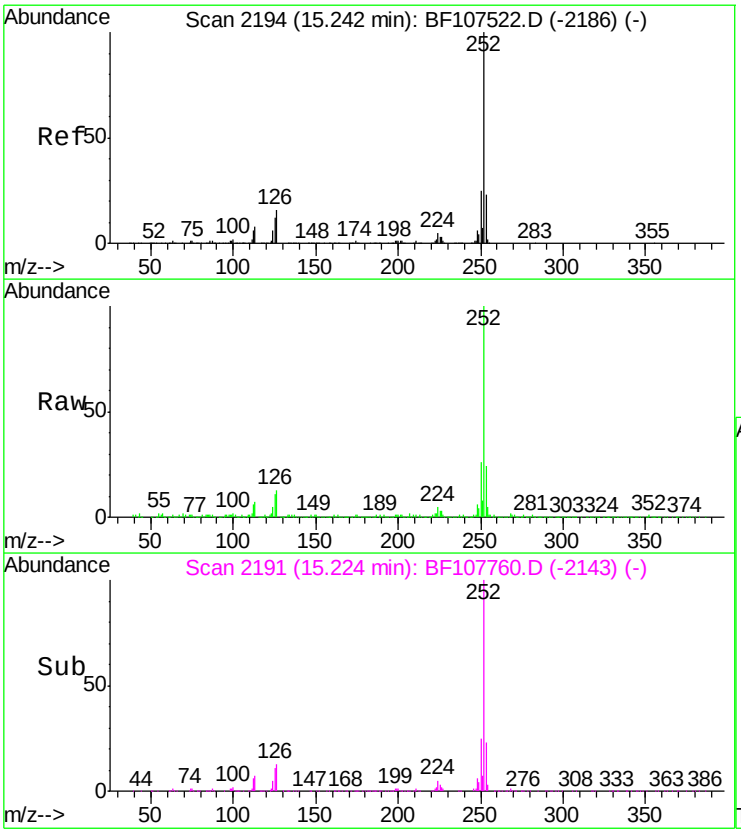
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:264 Resp: 386868

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3

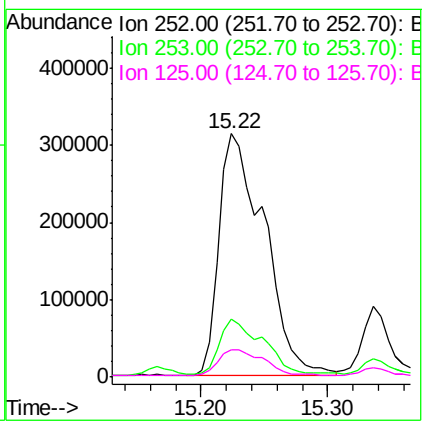


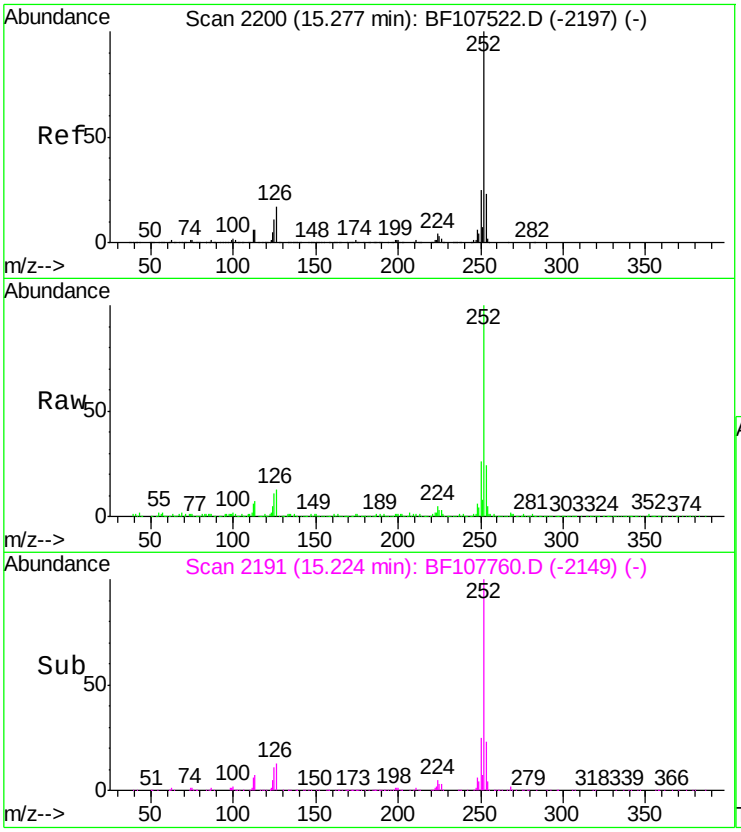


#87
Benzo(b)fluoranthene
Concen: 36.958 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:252 Resp: 782516

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.2	9.0	13.6



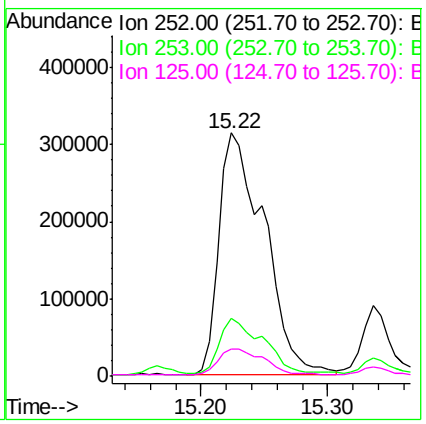


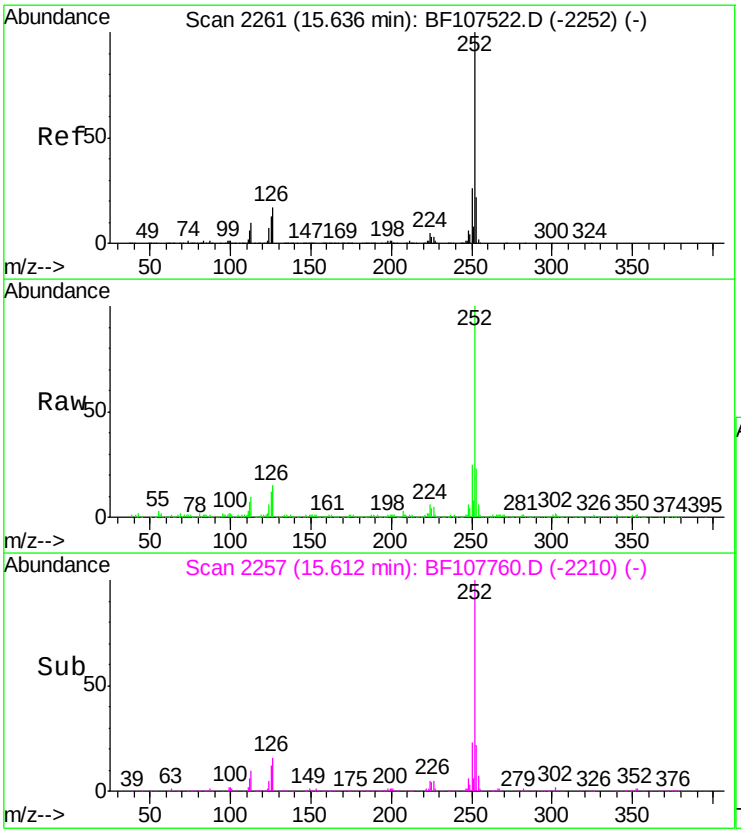
#88
Benzo(k)fluoranthene
Concen: 37.723 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:252 Resp: 782516

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	11.2	10.2	15.2

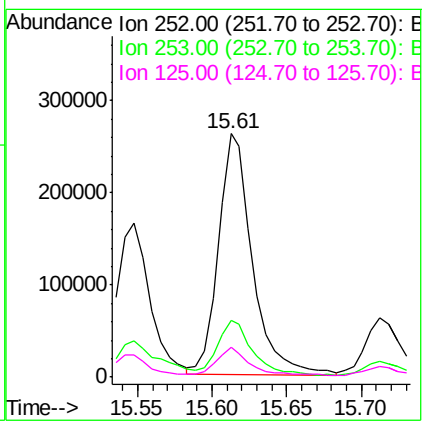


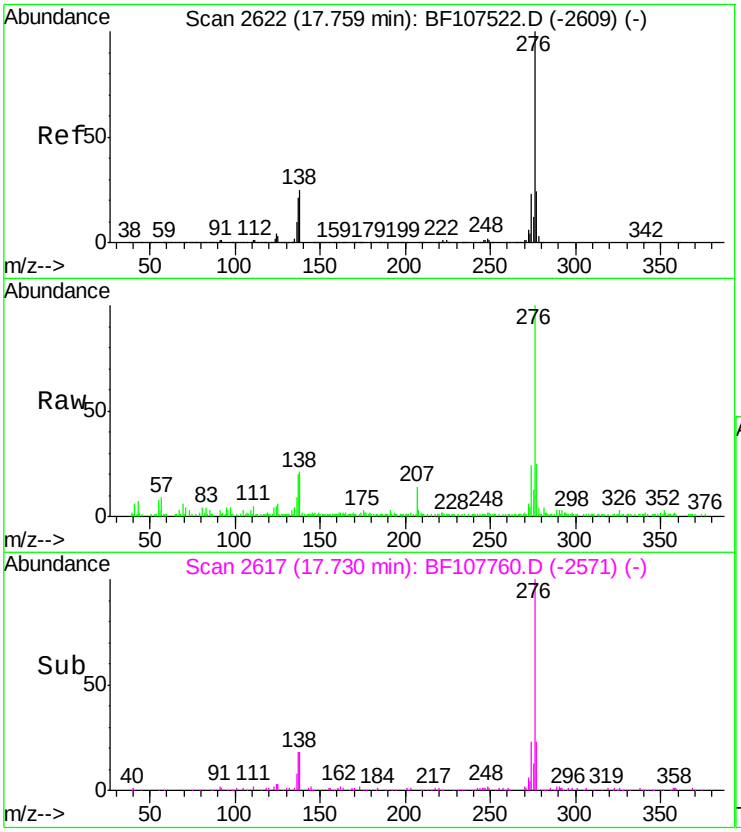


#89
Benzo(a)pyrene
Concen: 21.632 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Tgt Ion:252 Resp: 418948

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 9.334 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BF107760.D
Acq: 27 Jul 2018 21:43

Instrument :
BNA_F
ClientSampleId :
DUP-072318

Tgt Ion:276 Resp: 154147

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	21.3	21.8	32.8#