Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107803.D
Acq On : 30 Jul 2018 16:46
Operator : JU/SJ
Sample : PB111574BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111574BL

Quant Time: Jul 30 18:08:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	173286	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	622470	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	295956	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	659556	20.00	ng	0.00
75) Chrysene-d12	14.15	240	538851	20.00	ng	0.00
86) Perylene-d12	15.68	264	447366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1001856	98.26	ng	0.00
7) Phenol-d6	6.60	99	1369728	101.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	722196	66.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	399930	99.45	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1506273	70.92	ng	0.00
78) Terphenyl-d14	13.08	244	1767040	71.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	229	5.836	ng	# 1
4) n-Nitrosodimethylamine	3.59	42	145	0.028	ng	# 1
6) Aniline	6.74	93	1209	0.086	ng	# 1
8) 2-Chlorophenol	6.75	128	228	0.018	ng	# 1
9) Benzaldehyde	6.74	77	23776	2.933	ng	82
10) Phenol	6.60	94	423	0.026	ng	# 1
11) bis(2-Chloroethyl)ether	6.74	93	1209	0.085	ng	# 1
12) 1,3-Dichlorobenzene	7.11	146	110	0.008	ng	# 1
13) 1,4-Dichlorobenzene	7.11	146	110	0.007	ng	# 1
14) 1,2-Dichlorobenzene	7.11	146	110	0.008	ng	# 1
15) Benzyl Alcohol	7.11	79	13885	1.662	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	7.21	45	361	0.018	ng	70
18) Hexachloroethane	7.49	117	118	0.022	ng	# 2
19) n-Nitroso-di-n-propylamine	7.52	70	86218	10.114	ng	# 82
24) Nitrobenzene	7.52	77	1826	0.161	ng	# 26
25) Isophorone	7.52	82	724716	40.861	ng	# 64
31) Naphthalene	8.27	128	236	0.008	ng	# 68
45) 1,1'-Biphenyl	9.42	154	1949	0.072	ng	# 57
47) 2-Nitroaniline	9.31	65	1952	0.295	ng	# 1
48) Acenaphthylene	9.86	152	128	0.004	ng	# 60
50) 2,6-Dinitrotoluene	10.00	165	38162	7.901	ng	# 26
51) Acenaphthene	10.00	154	897	0.049	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	38848	6.119	ng	# 23
57) Fluorene	10.79	166	13822	0.629	ng	# 91
59) Diethylphthalate	10.41	149	7592	0.318	ng	# 92
62) Azobenzene	10.79	77	1288	0.058	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.79	198	446	0.124	ng	# 8
65) n-Nitrosodiphenylamine	10.79	169	9974	0.459	ng	# 47
66) 4-Bromophenyl-phenylether	10.79	248	22165	2.883	ng	# 1
70) Phenanthrene	11.52	178	410	0.013	ng	# 59
71) Anthracene	11.52	178	410	0.011	ng	# 60
73) Di-n-butylphthalate	12.04	149	1704	0.044	ng	# 78
74) Fluoranthene	12.95	202	117	0.003	ng	62
76) Benzidine	13.08	184	21085	1.210	ng	# 95

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107803.D
Acq On : 30 Jul 2018 16:46
Operator : JU/SJ
Sample : PB111574BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111574BL

Quant Time: Jul 30 18:08:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Pyrene	13.08	202	5719	0.147	ng	#	84
79) Butylbenzylphthalate	13.54	149	125	0.007	ng	#	67
80) Benzo(a)anthracene	14.15	228	1129	0.037	ng	#	53
82) Chrysene	14.15	228	1129	0.034	ng	#	52
83) Bis(2-ethylhexyl)phthalate	14.09	149	1089	0.051	ng	#	53
84) Di-n-octyl phthalate	14.72	149	461	0.013	ng	#	1
89) Benzo(a)pyrene	15.68	252	1788	0.078	ng	#	28

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107803.D
Acq On : 30 Jul 2018 16:46
Operator : JU/SJ
Sample : PB111574BL
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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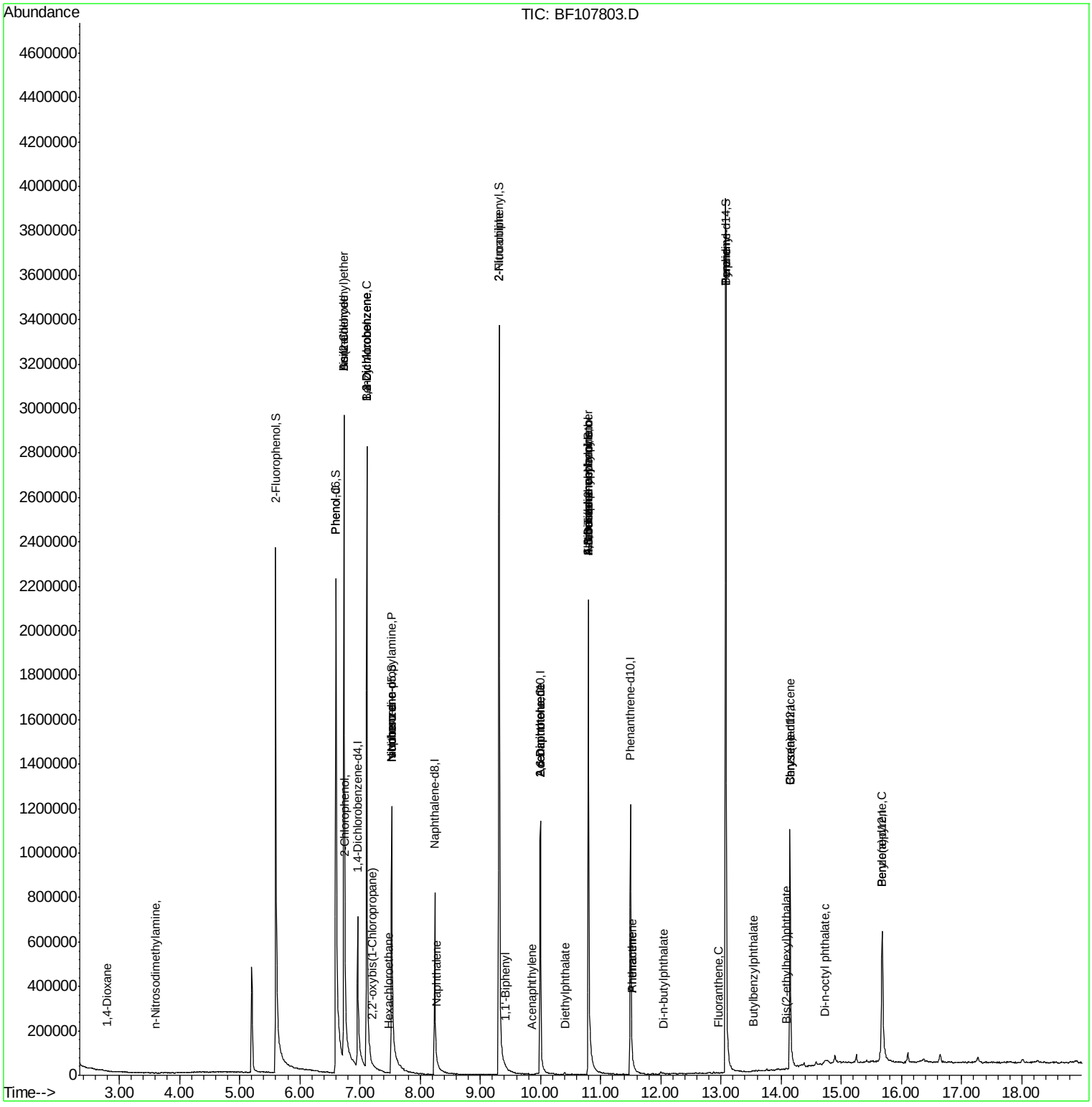
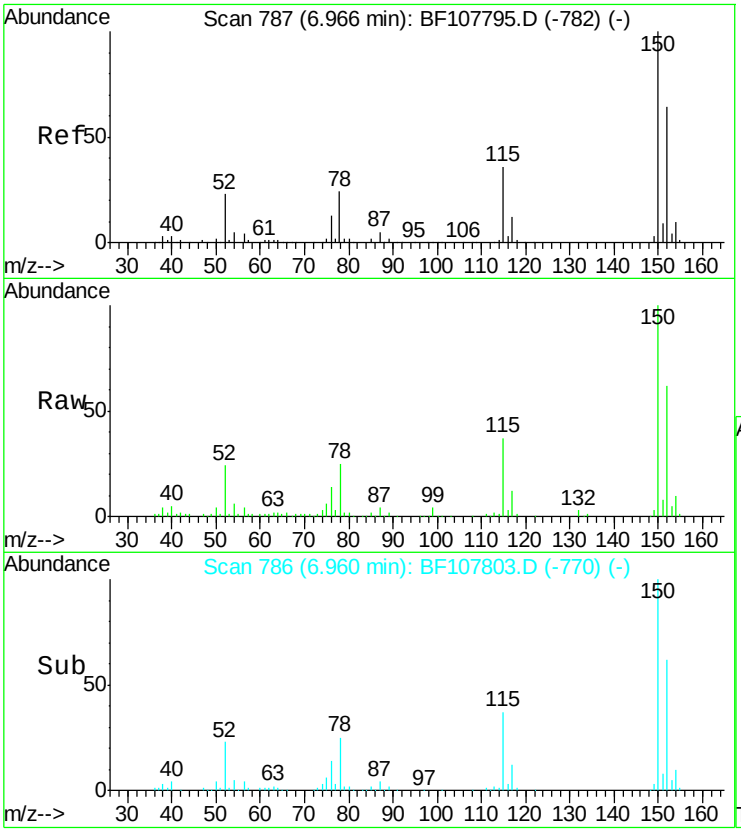
Response via : Initial Calibration



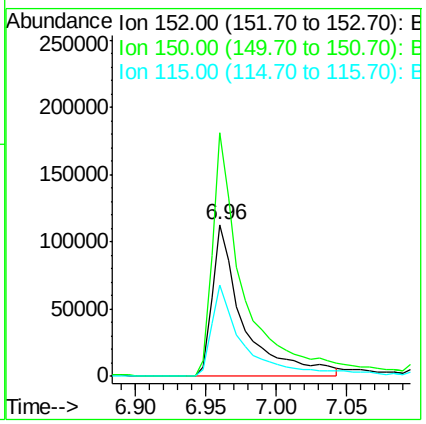


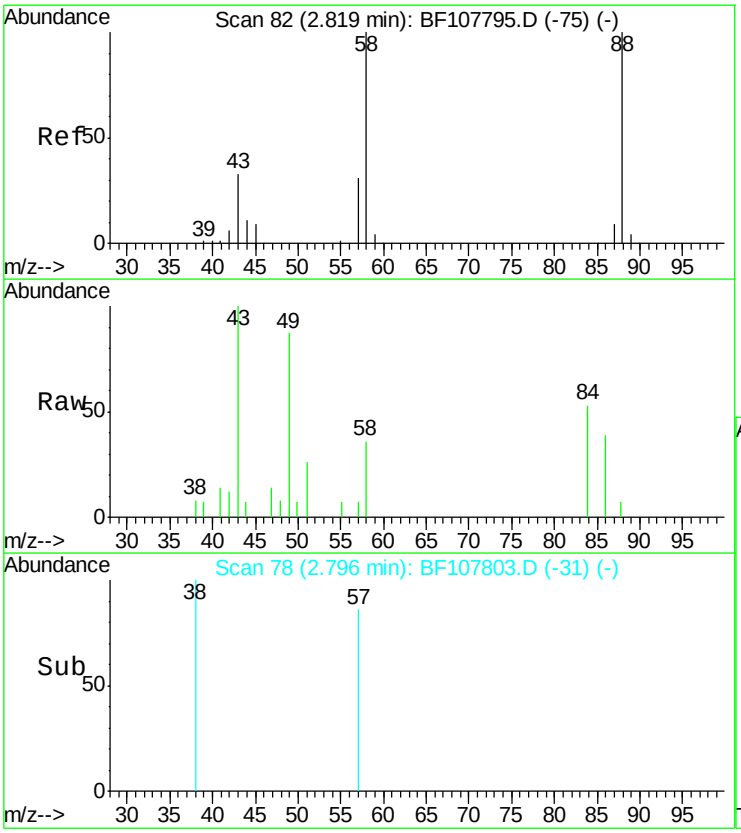
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:152 Resp: 173286

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	60.2	50.1	75.1

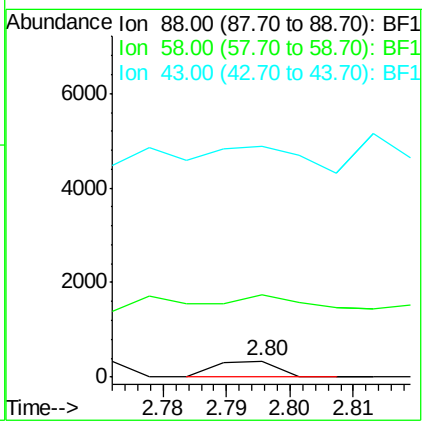


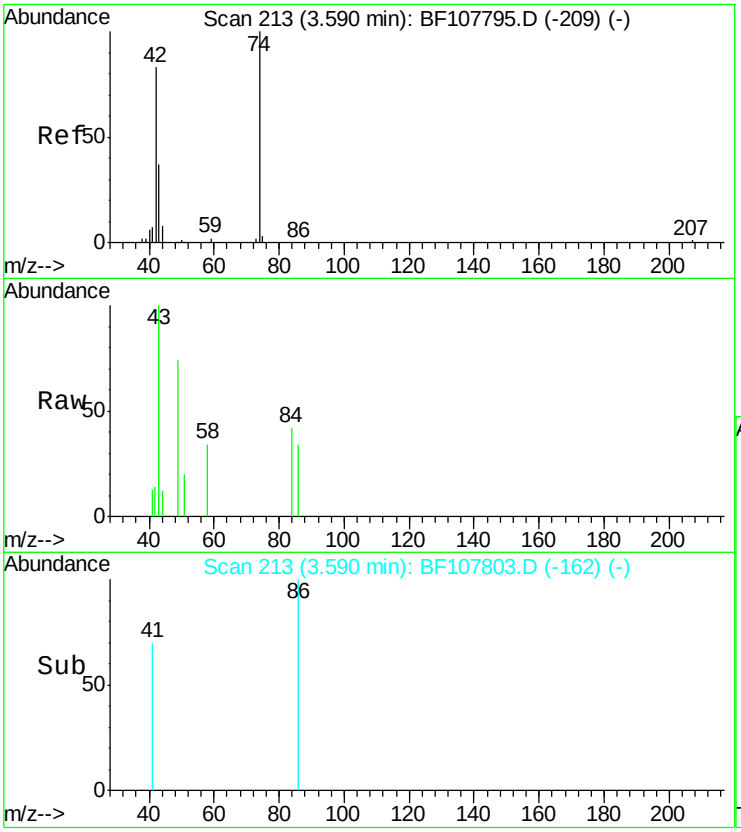


#2
1,4-Dioxane
Concen: 5.836 ng
RT: 2.80 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion: 88 Resp: 229

Ion	Ratio	Lower	Upper
88	100		
58	212.2	62.6	93.8#
43	201.7	24.6	37.0#



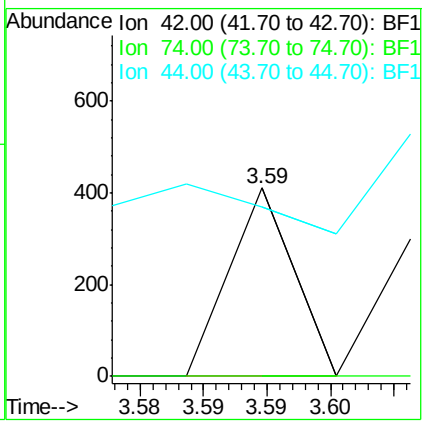


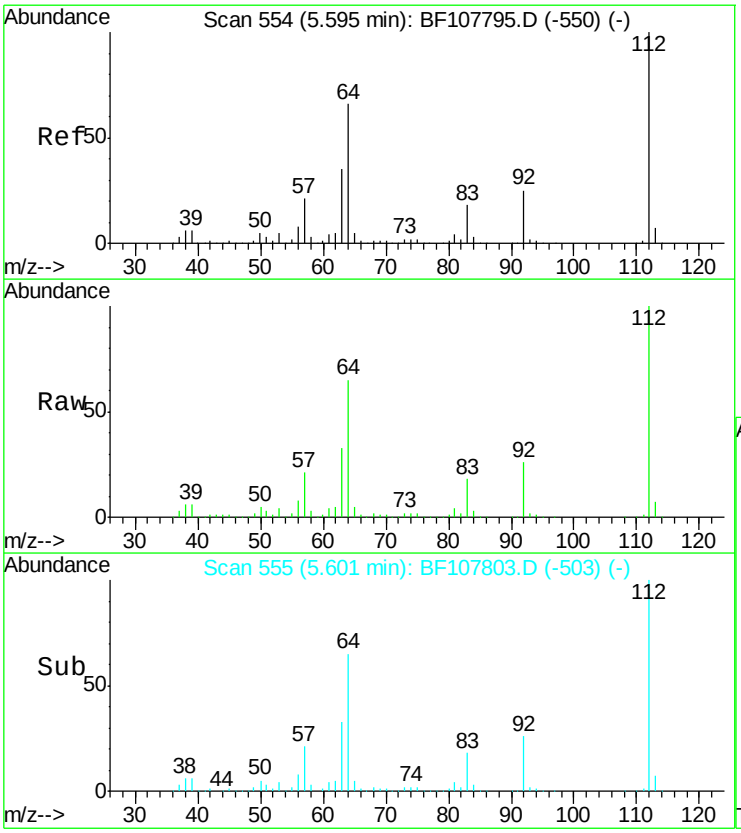
#4
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.59 min Scan# 213
Delta R.T. -0.00 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 42 Resp: 145

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	90.2	6.9	10.3#

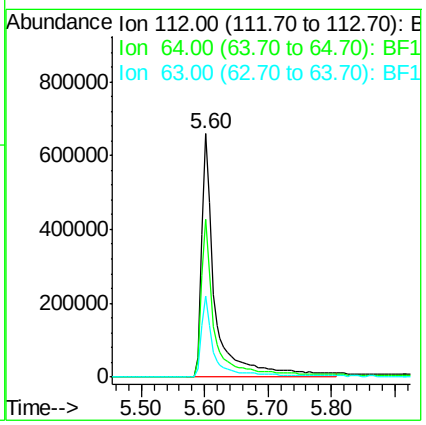


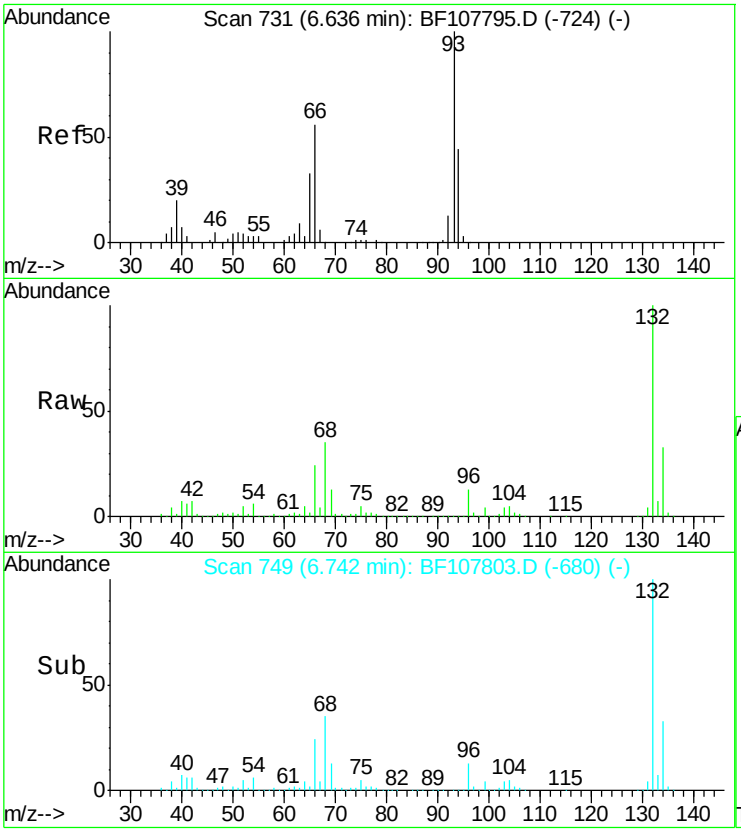


#5
2-Fluorophenol
Concen: 98.260 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:112 Resp: 1001856

Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.3	23.7	35.5



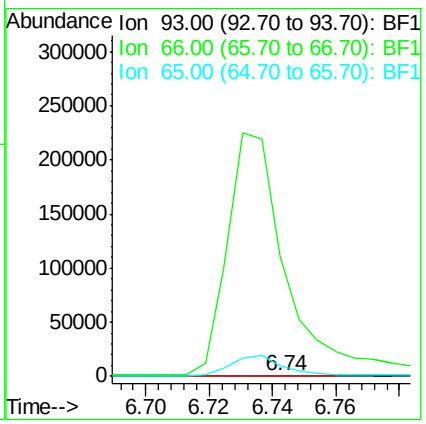


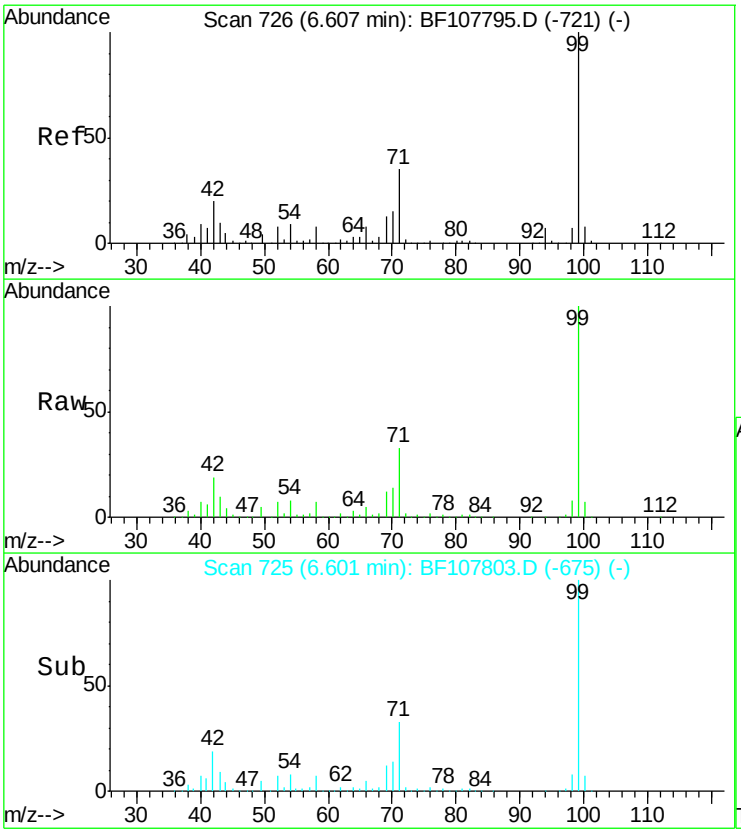
#6
Aniline
Concen: 0.086 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.11 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 93 Resp: 1209

Ion	Ratio	Lower	Upper
93	100		
66	13430.8	32.2	48.2#
65	1225.1	16.4	24.6#

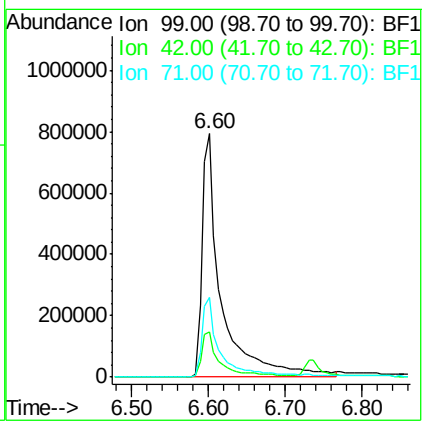


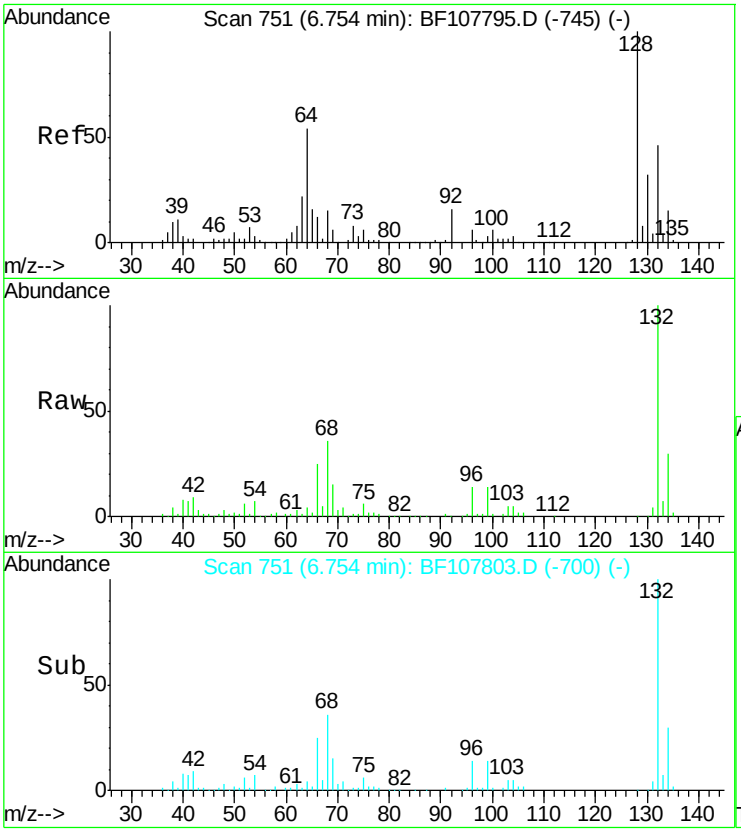


#7
Phenol-d6
Concen: 101.931 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion: 99 Resp: 1369728

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	32.6	25.4	38.0



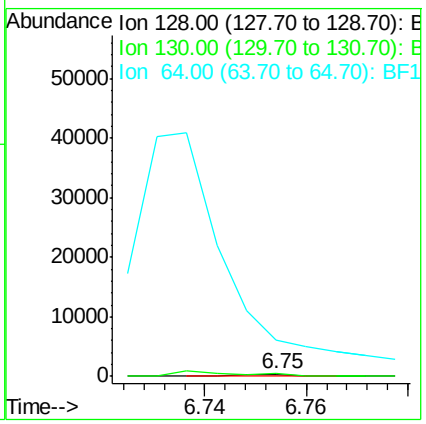


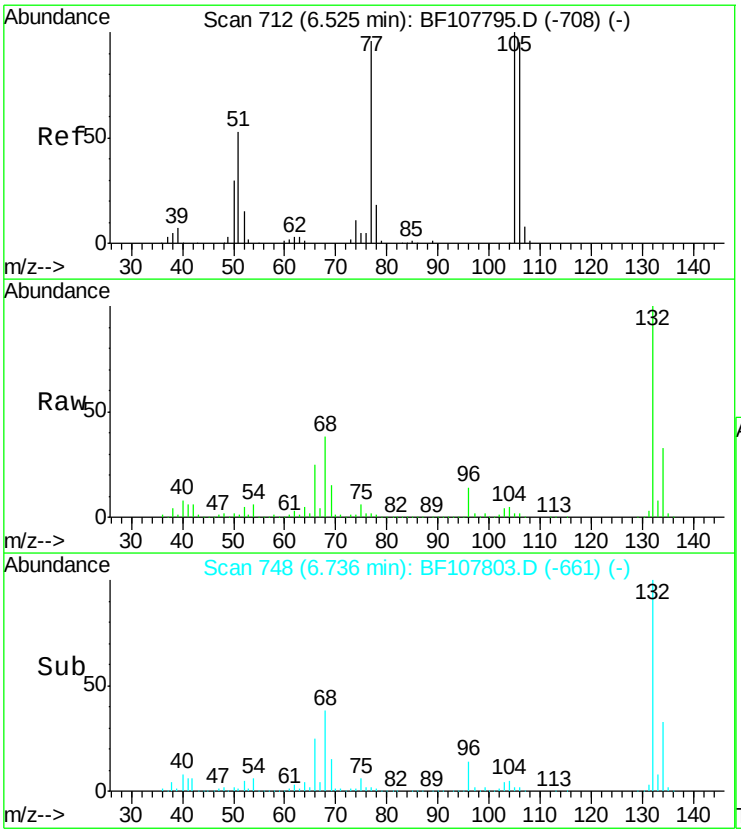
#8
2-Chlorophenol
Concen: 0.018 ng
RT: 6.75 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:128 Resp: 228

Ion	Ratio	Lower	Upper
128	100		
130	140.3	13.0	53.0#
64	1738.3	29.4	69.4#

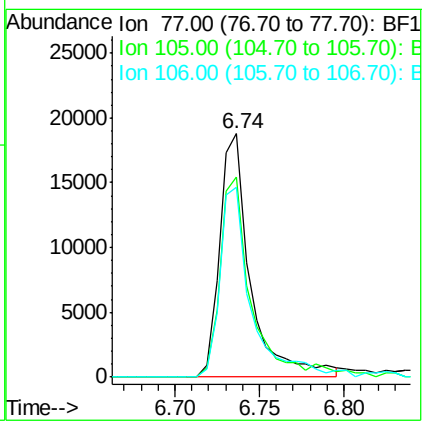


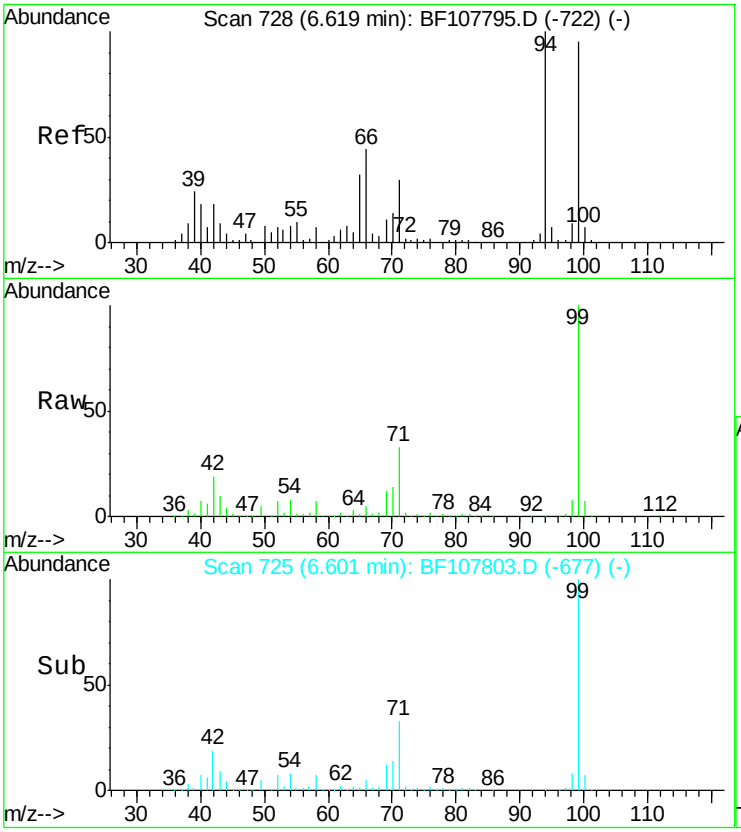


#9
Benzaldehyde
Concen: 2.933 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion: 77 Resp: 23776

Ion	Ratio	Lower	Upper
77	100		
105	82.3	81.1	121.1
106	77.8	74.5	114.5



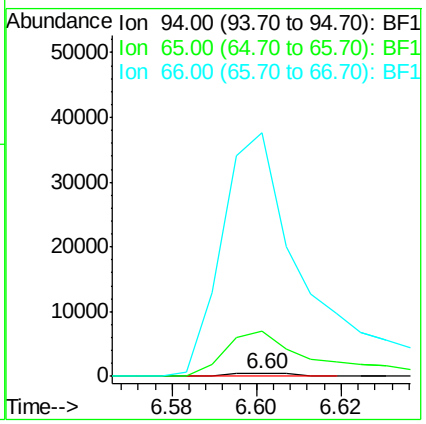


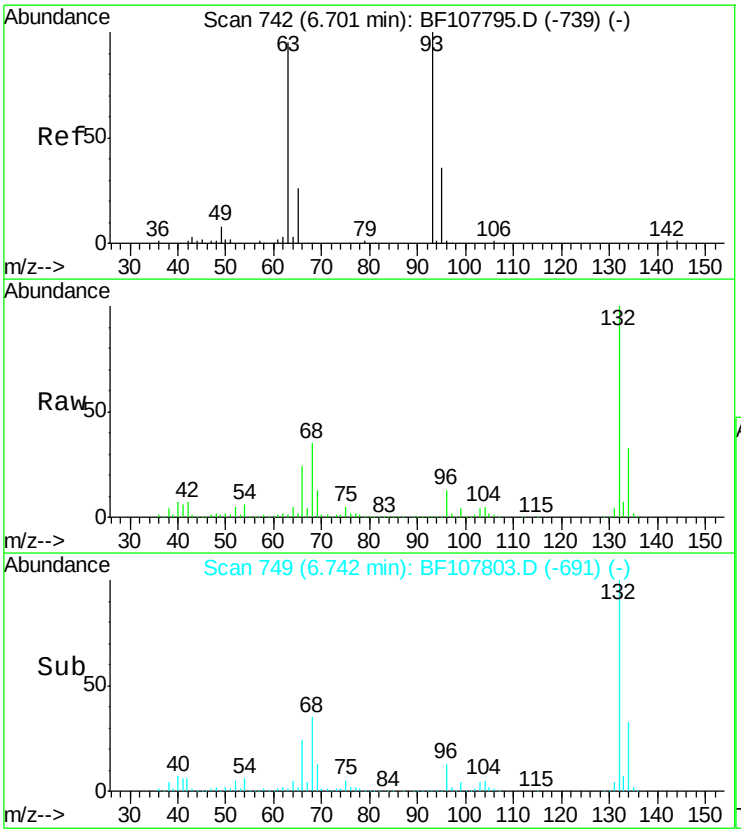
#10
Phenol
Concen: 0.026 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 94 Resp: 423

Ion	Ratio	Lower	Upper
94	100		
65	1597.9	7.9	47.9#
66	8627.5	16.2	56.2#

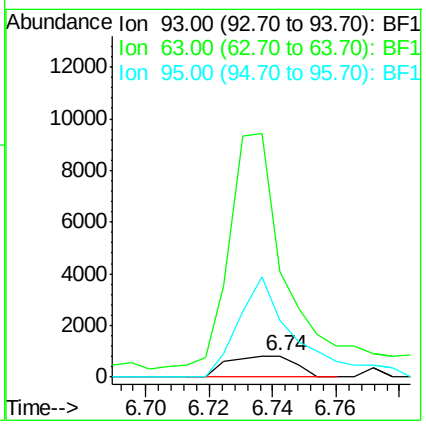


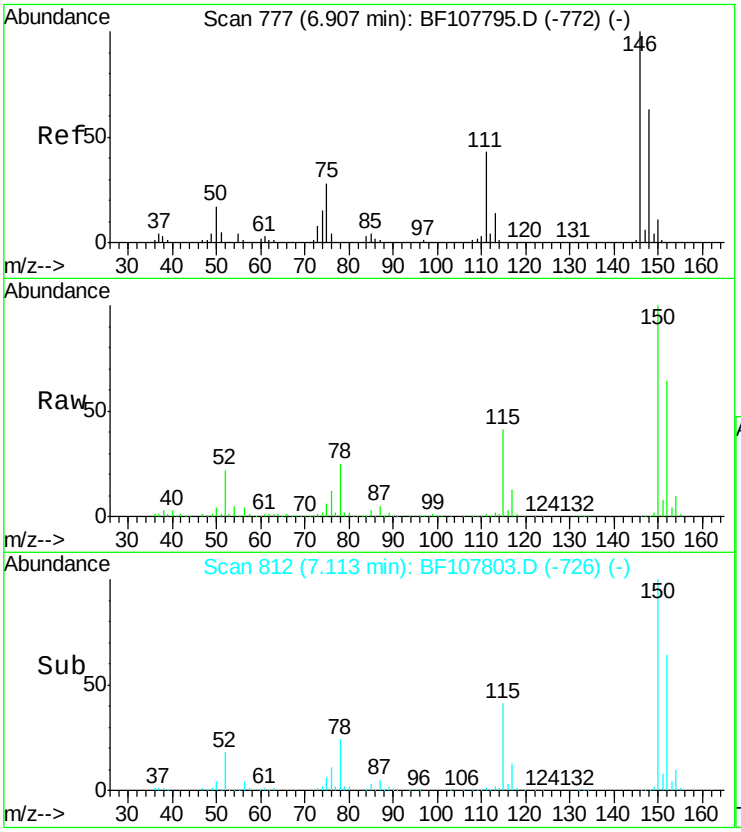


#11
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.04 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion: 93 Resp: 1209

Ion	Ratio	Lower	Upper
93	100		
63	489.8	58.6	98.6#
95	261.4	11.8	51.8#



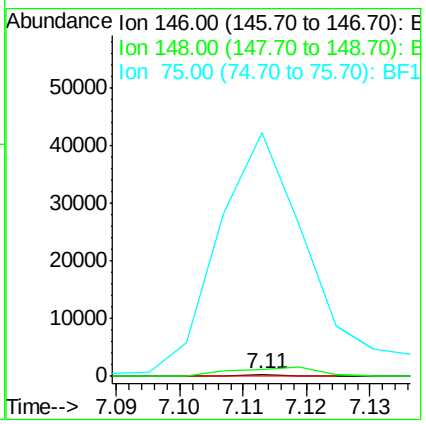


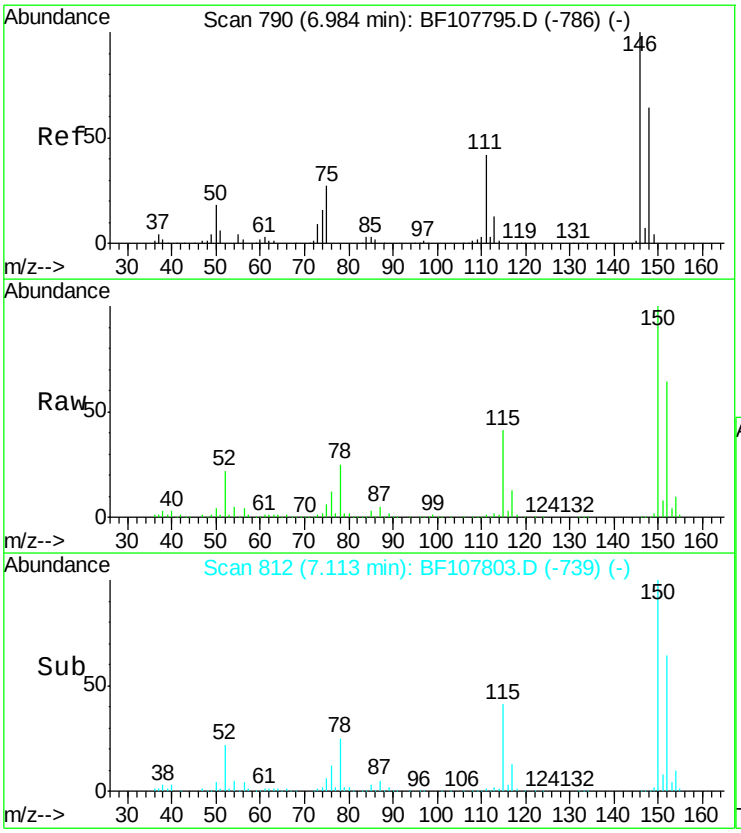
#12
1,3-Dichlorobenzene
Concen: 0.008 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.21 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:146 Resp: 110

Ion	Ratio	Lower	Upper
146	100		
148	403.5	51.8	77.8#
75	13579.4	24.2	36.4#

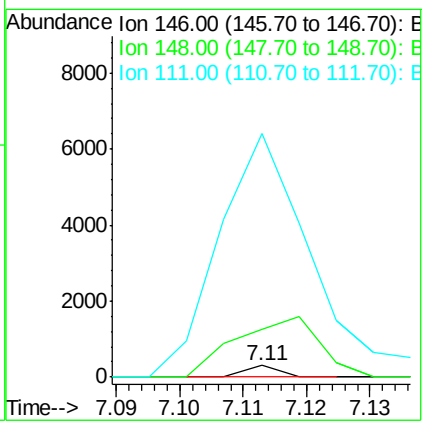


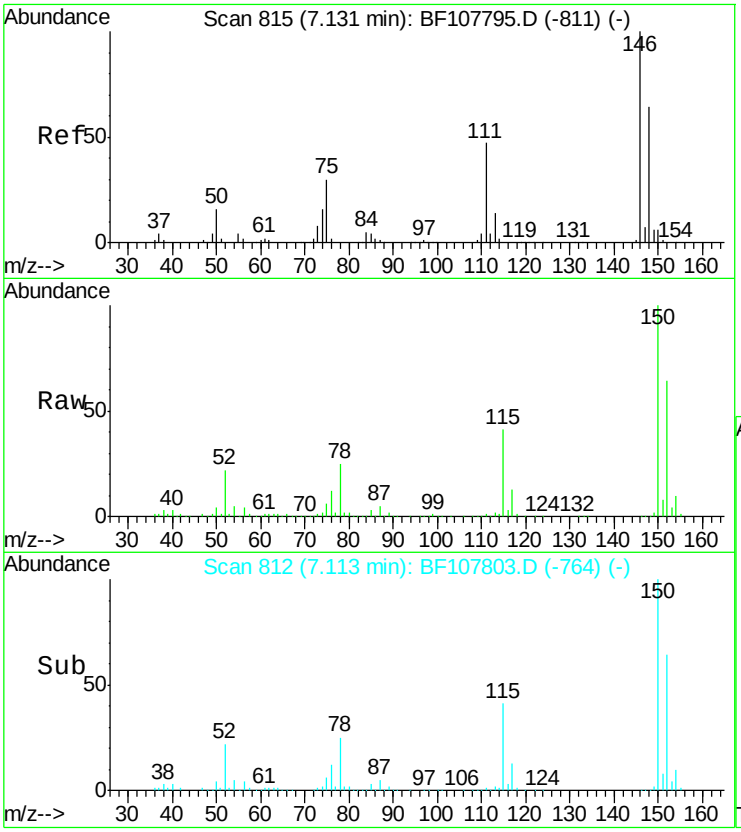


#13
1,4-Dichlorobenzene
Concen: 0.007 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.13 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:146 Resp: 110

Ion	Ratio	Lower	Upper
146	100		
148	403.5	50.8	76.2#
111	2059.5	34.2	51.2#



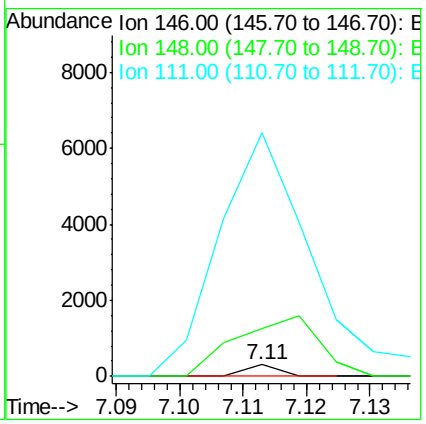


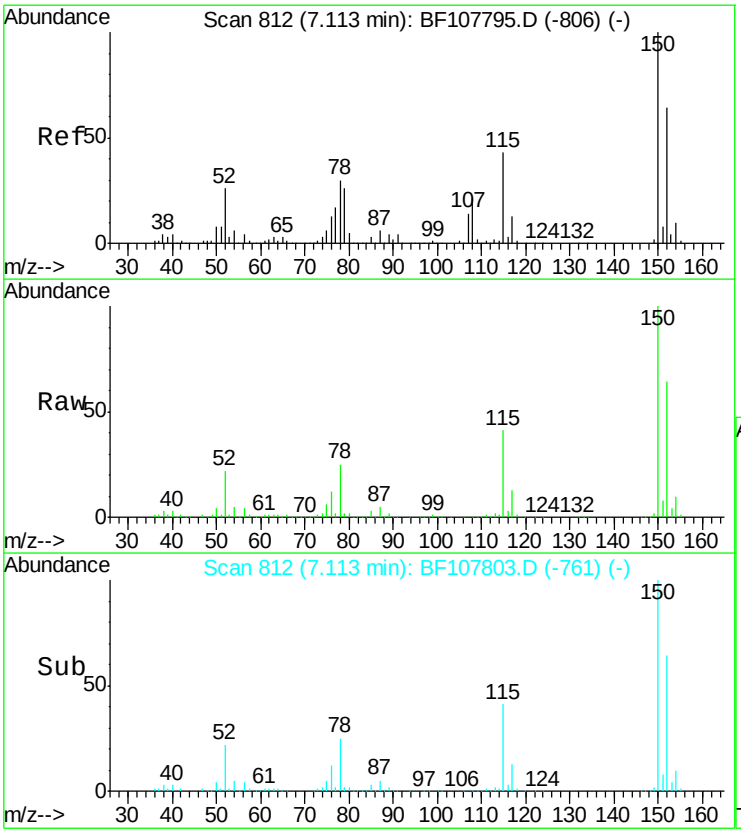
#14
1,2-Dichlorobenzene
Concen: 0.008 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:146 Resp: 110

Ion	Ratio	Lower	Upper
146	100		
148	403.5	50.6	75.8#
111	2059.5	36.0	54.0#

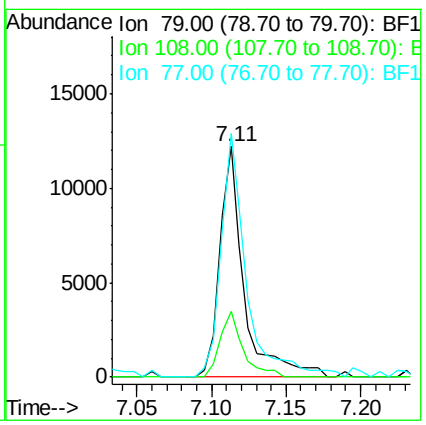


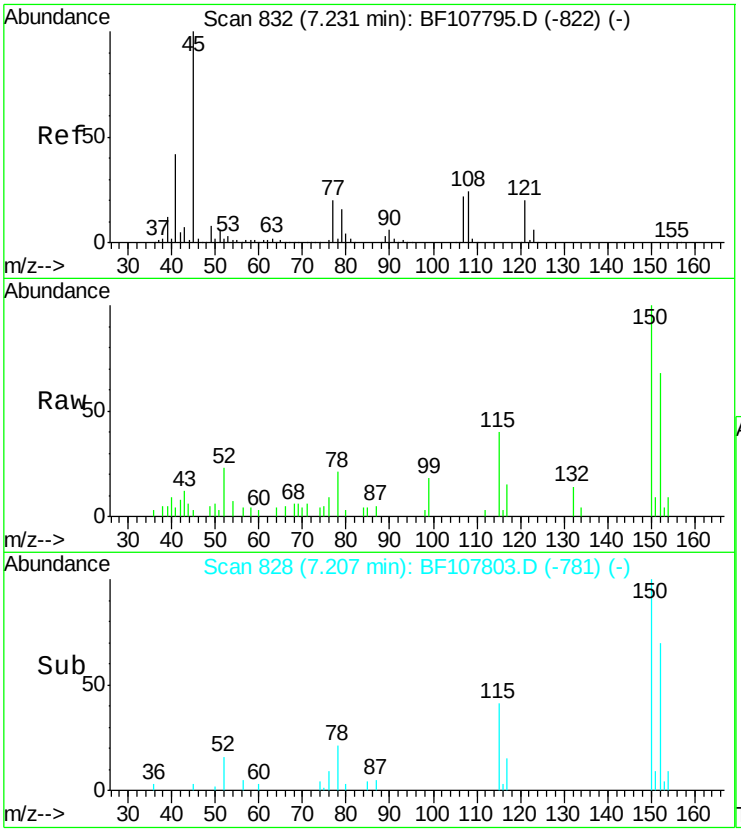


#15
Benzyl Alcohol
Concen: 1.662 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion: 79 Resp: 13885

Ion	Ratio	Lower	Upper
79	100		
108	28.6	65.1	97.7#
77	105.7	50.6	75.8#



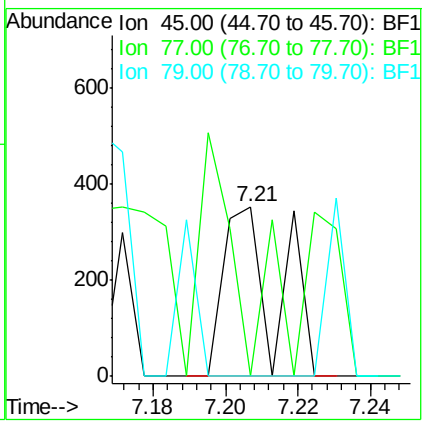


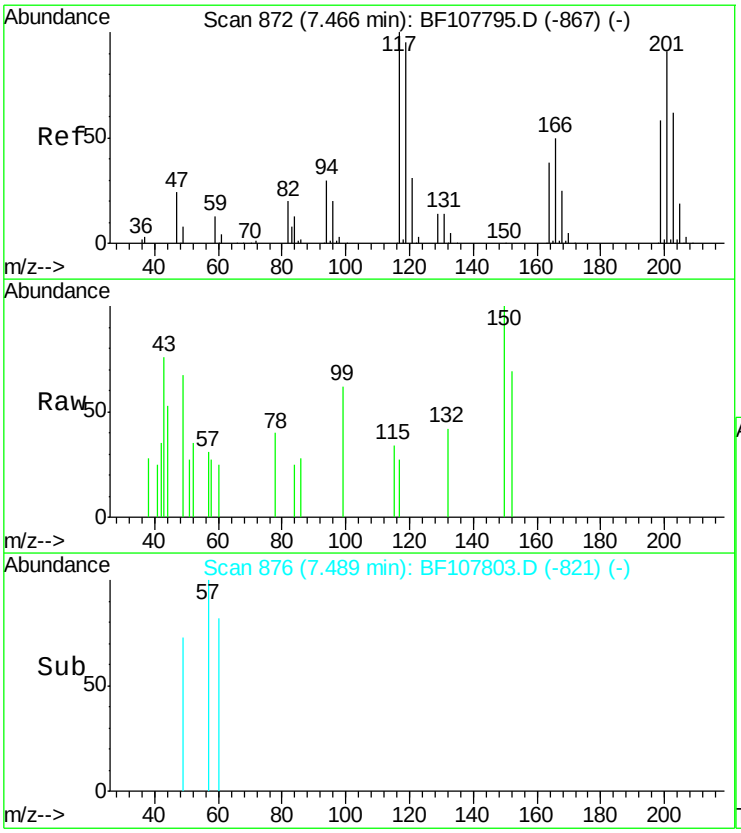
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.018 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 45 Resp: 361

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.9
79	0.0	0.0	29.6

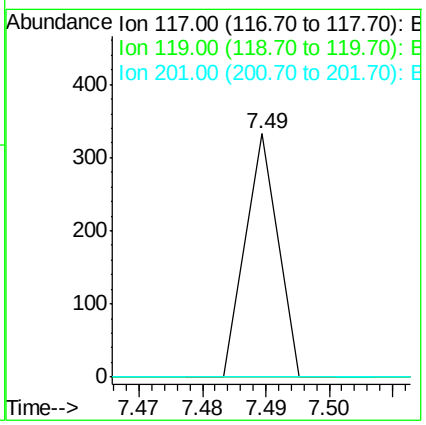


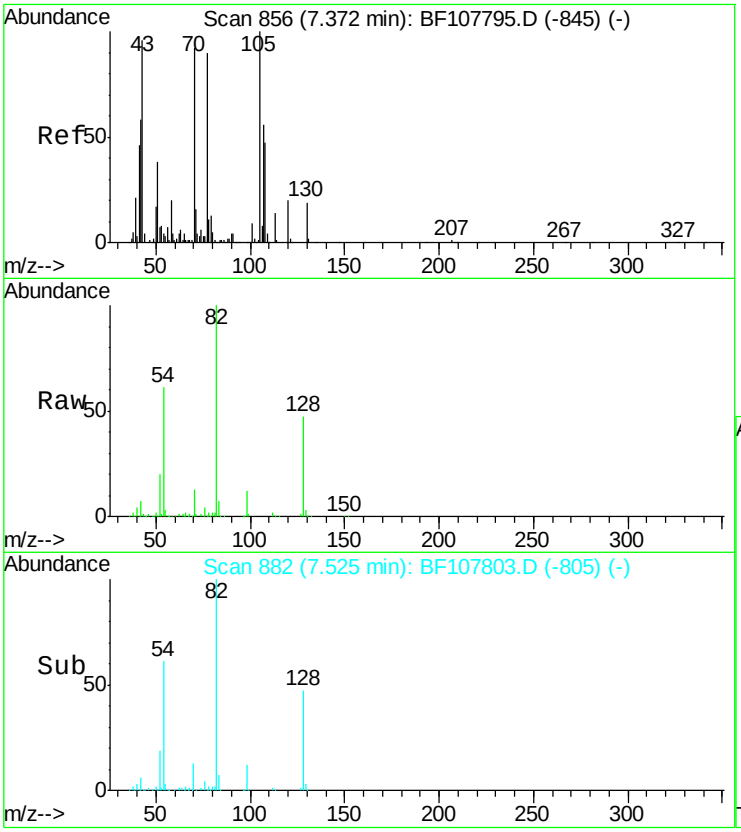


#18
Hexachloroethane
Concen: 0.022 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:117 Resp: 118

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
201	0.0	75.7	113.5#



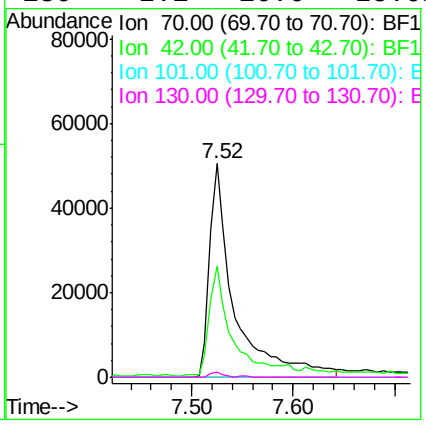


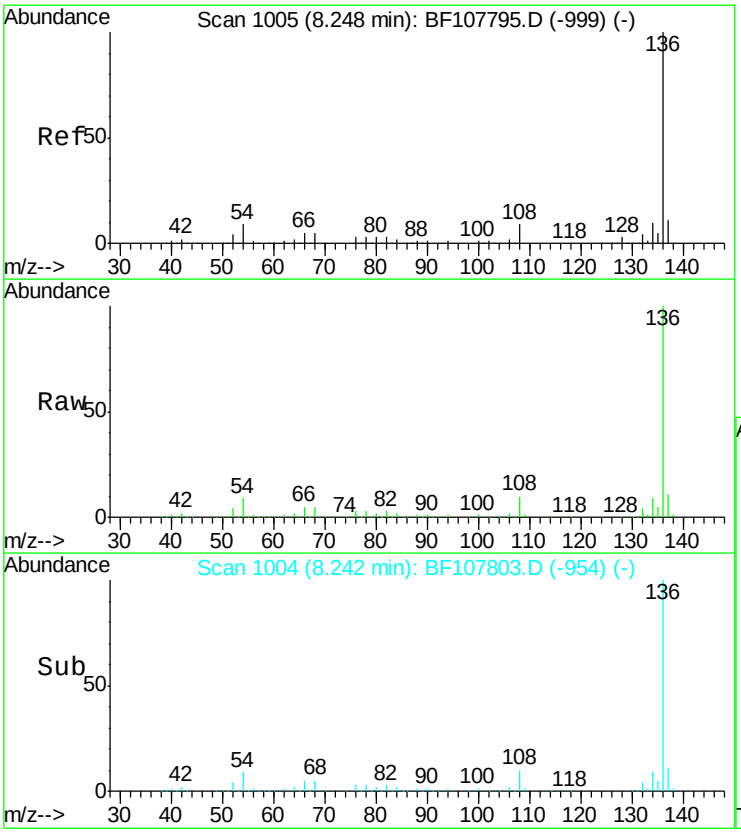
#19
n-Nitroso-di-n-propylamine
Concen: 10.114 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 70 Resp: 86218

Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

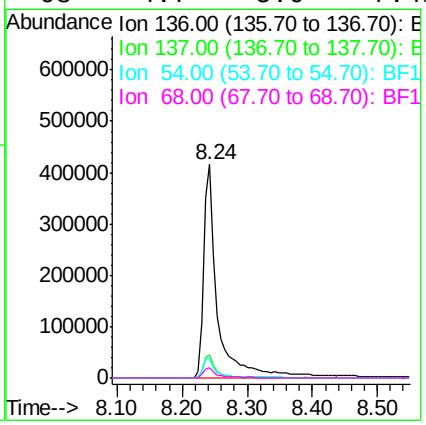


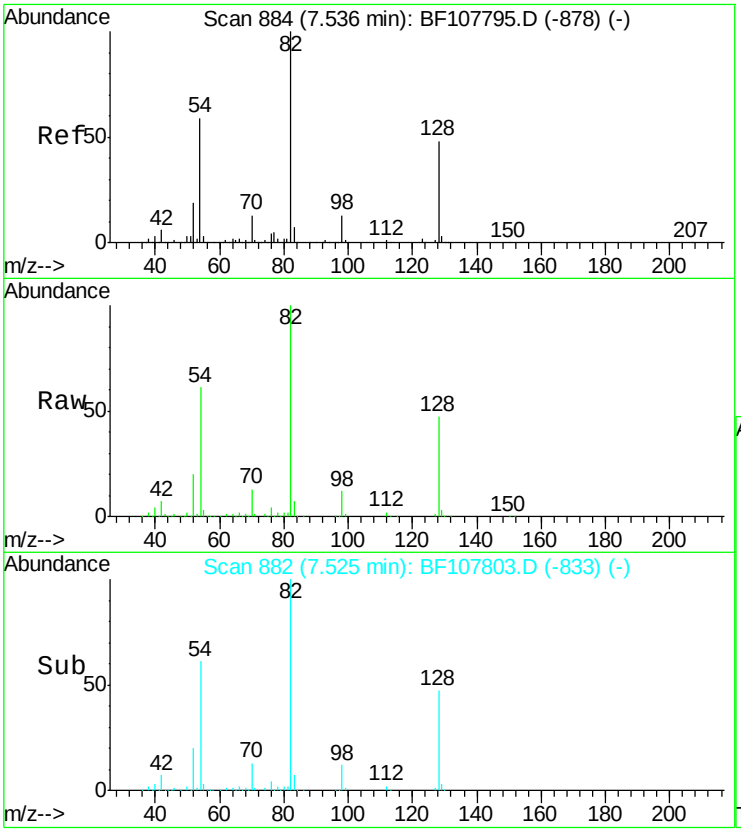


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:136 Resp: 622470

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	4.7	5.0	7.4#



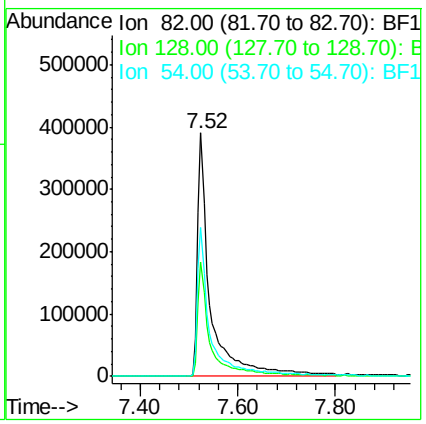


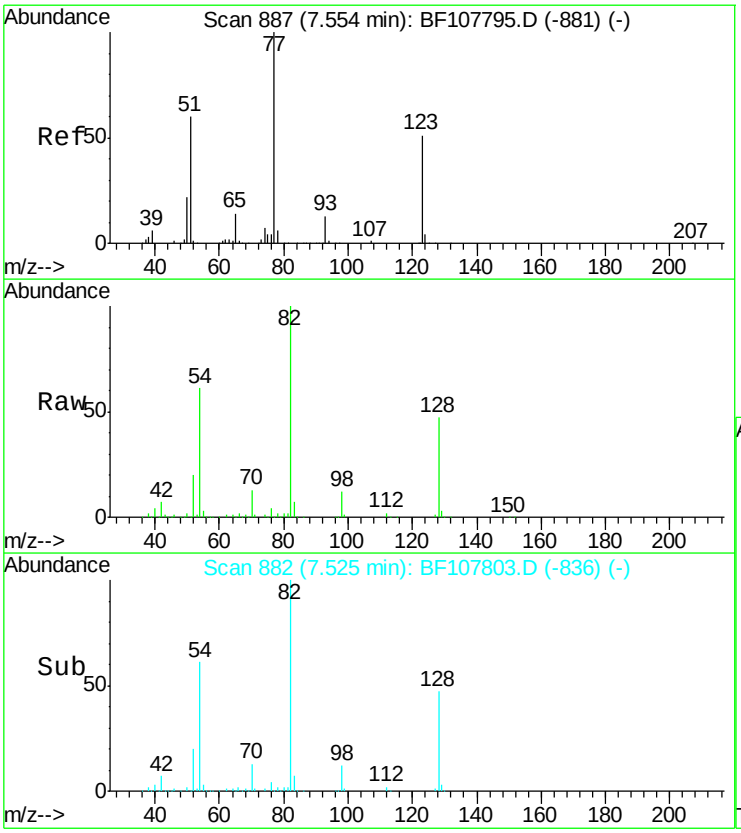
#23
Nitrobenzene-d5
Concen: 66.840 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 82 Resp: 722196

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	61.0	41.4	62.2

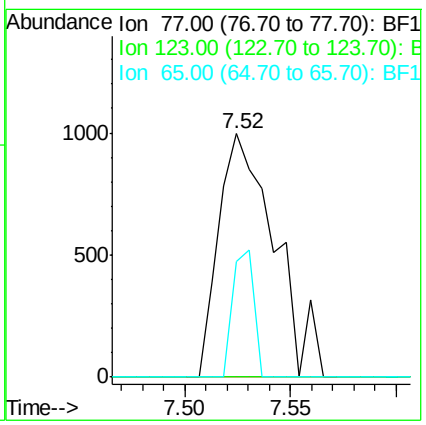


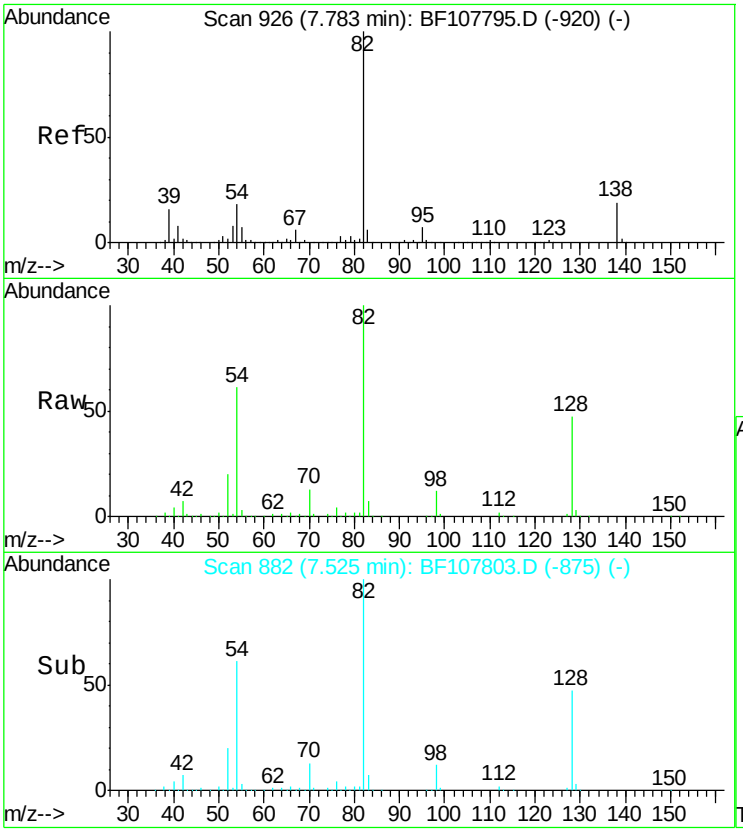


#24
Nitrobenzene
Concen: 0.161 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion: 77 Resp: 1826

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	47.6	11.0	16.4#



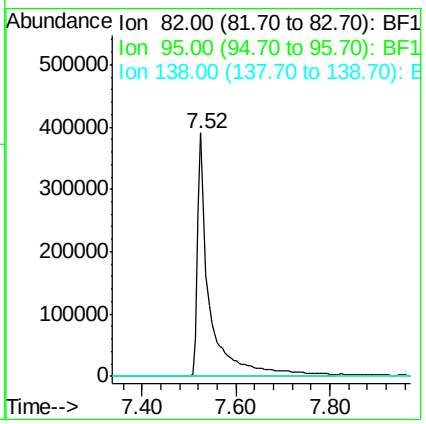


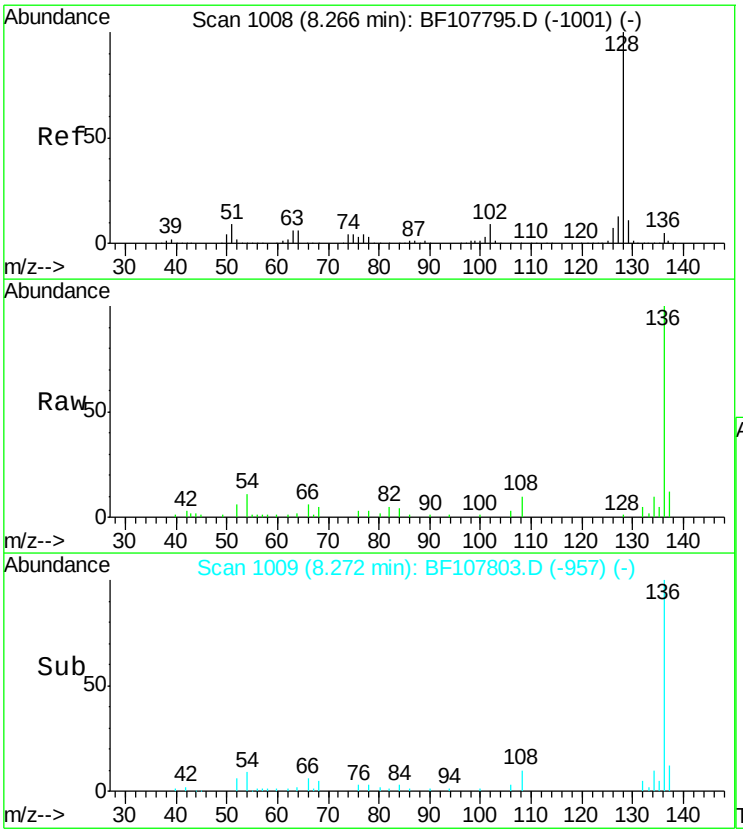
#25
Isophorone
Concen: 40.861 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 82 Resp: 724716

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

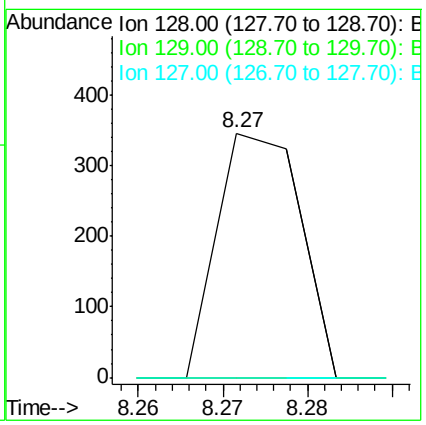


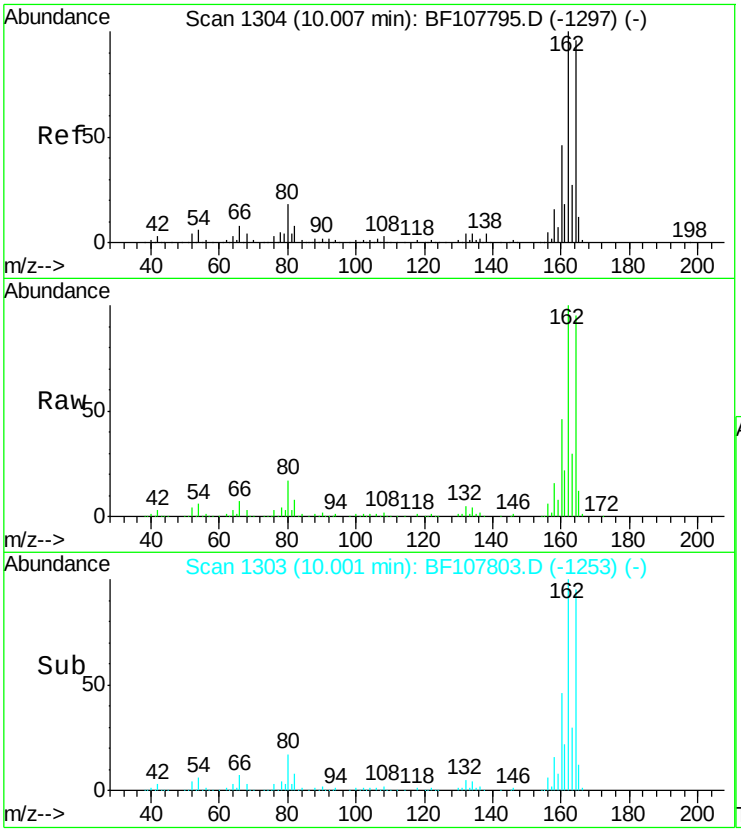


#31
Naphthalene
Concen: 0.008 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:128 Resp: 236

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#



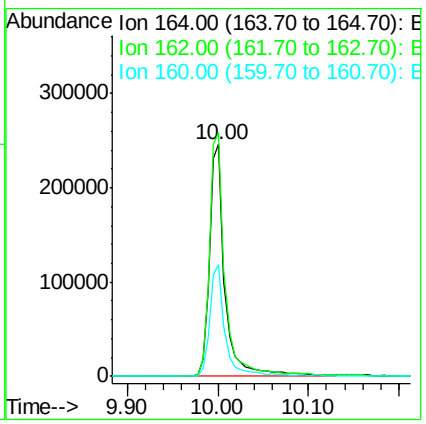


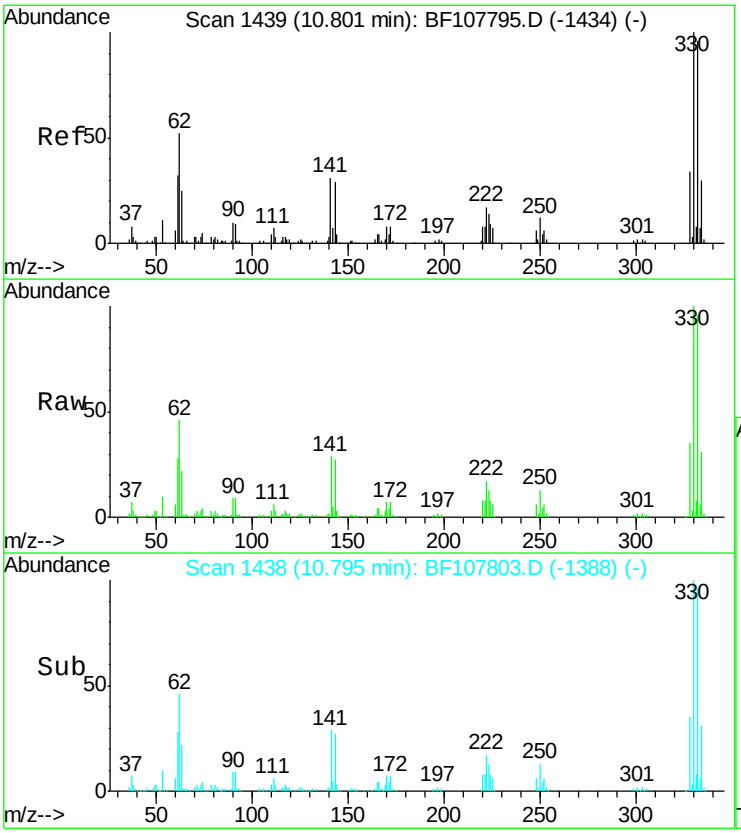
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:164 Resp: 295956

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	48.4	38.3	57.5

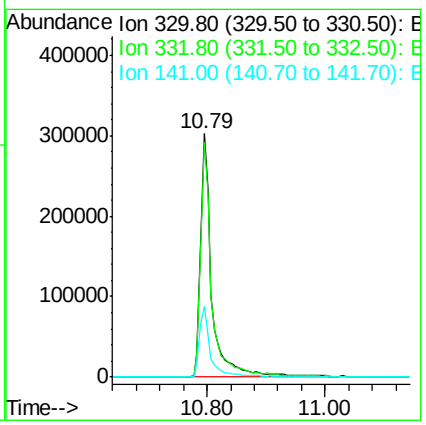


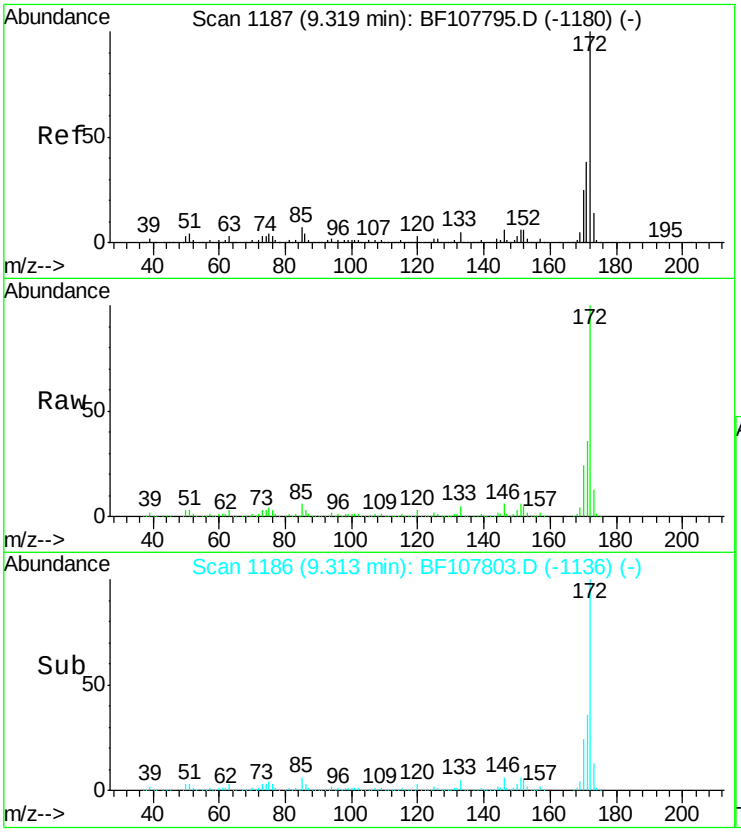


#41
2,4,6-Tribromophenol
Concen: 99.449 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:330 Resp: 399930

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	27.9	29.9	44.9#



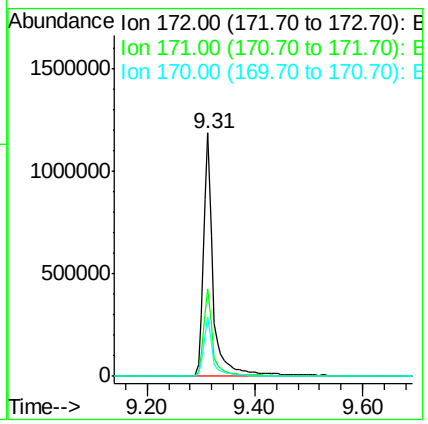


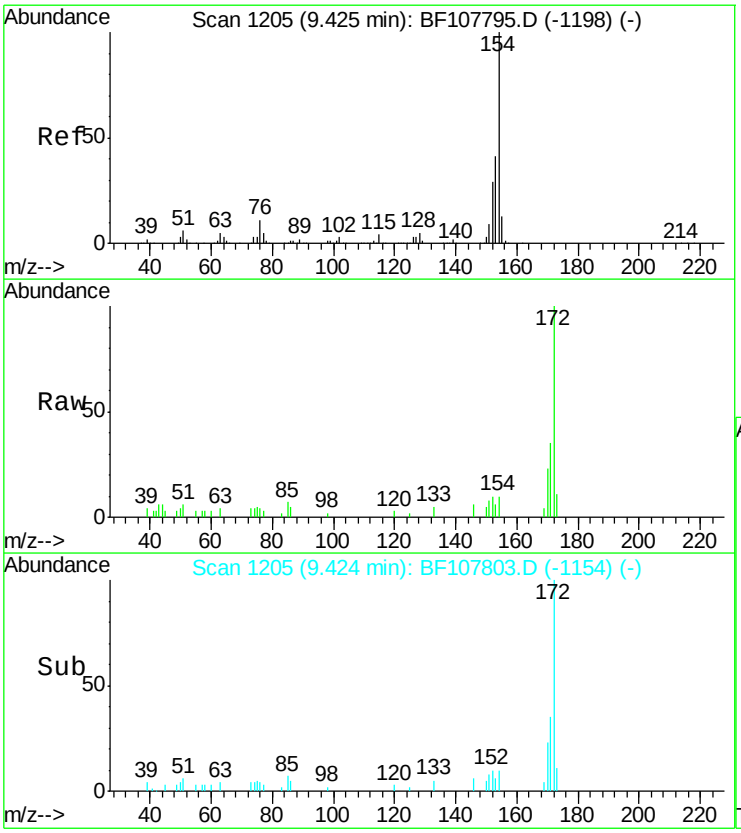
#44
2-Fluorobiphenyl
Concen: 70.922 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:172 Resp: 1506273

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.5	19.6	29.4

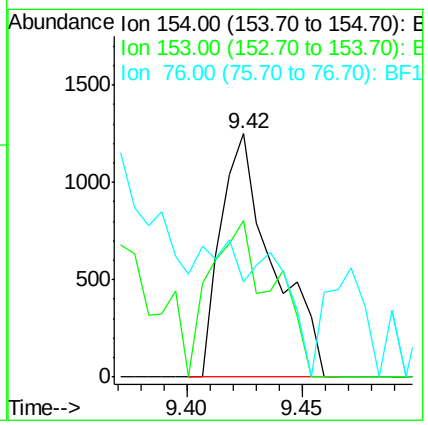


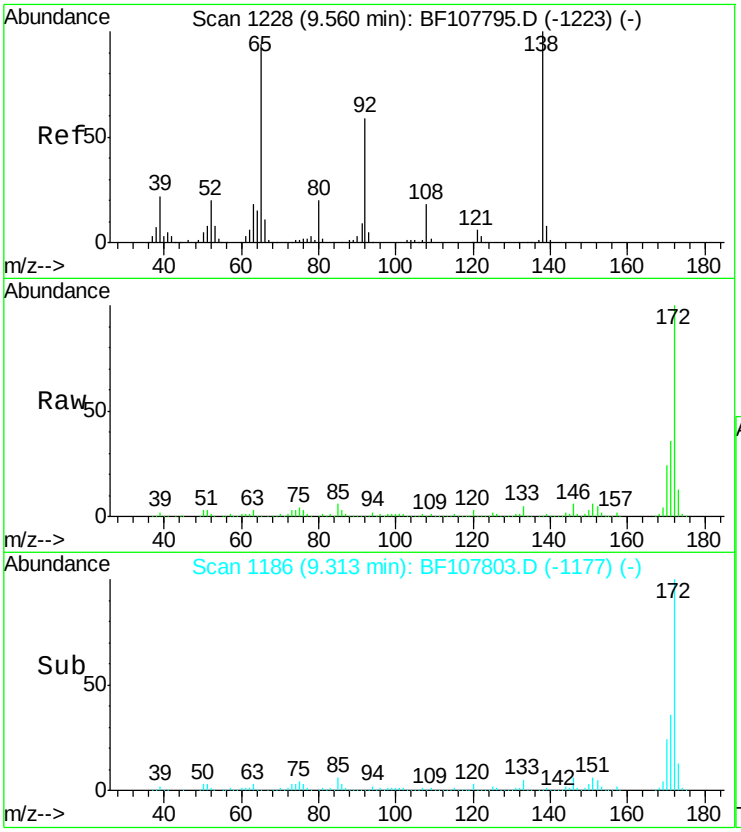


#45
1,1'-Biphenyl
Concen: 0.072 ng
RT: 9.42 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:154 Resp: 1949

Ion	Ratio	Lower	Upper
154	100		
153	64.0	21.3	61.3#
76	39.1	0.0	34.0#



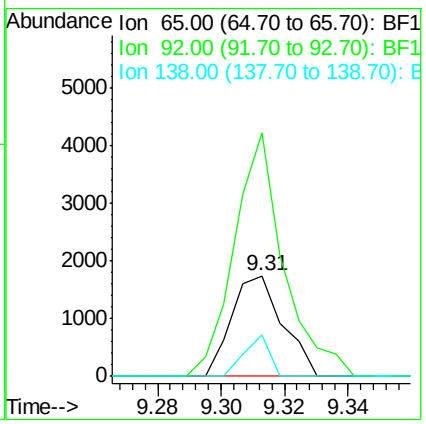


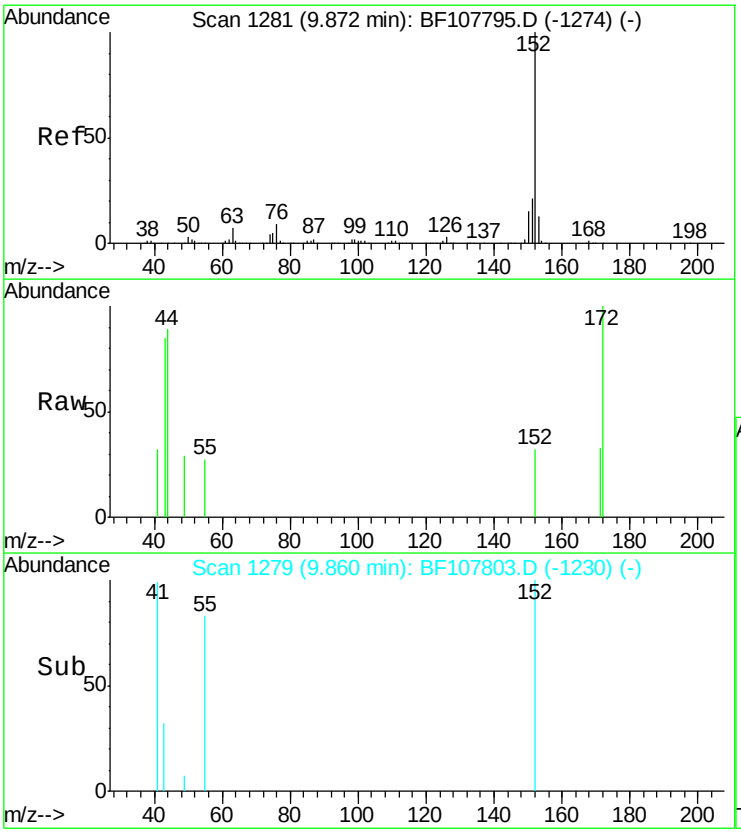
#47
2-Nitroaniline
Concen: 0.295 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.25 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion: 65 Resp: 1952

Ion	Ratio	Lower	Upper
65	100		
92	241.8	55.8	83.6#
138	41.0	91.2	136.8#

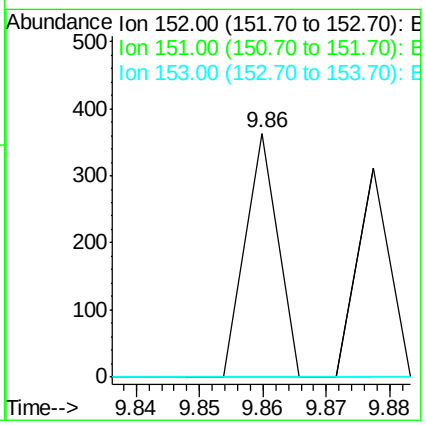


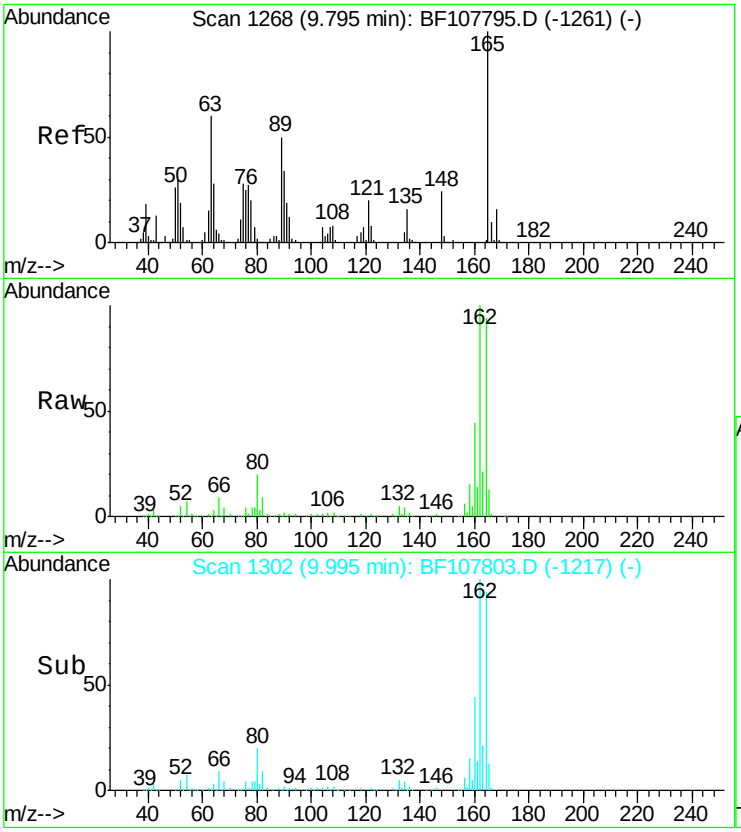


#48
Acenaphthylene
Concen: 0.004 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:152 Resp: 128

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	10.7	16.1#



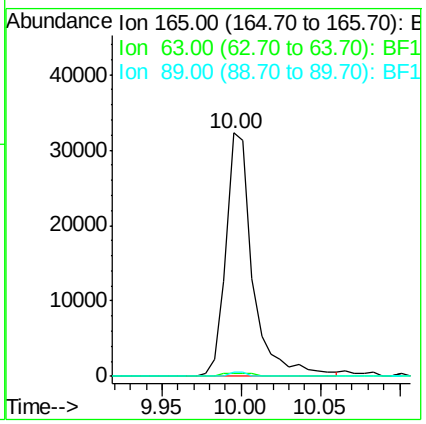


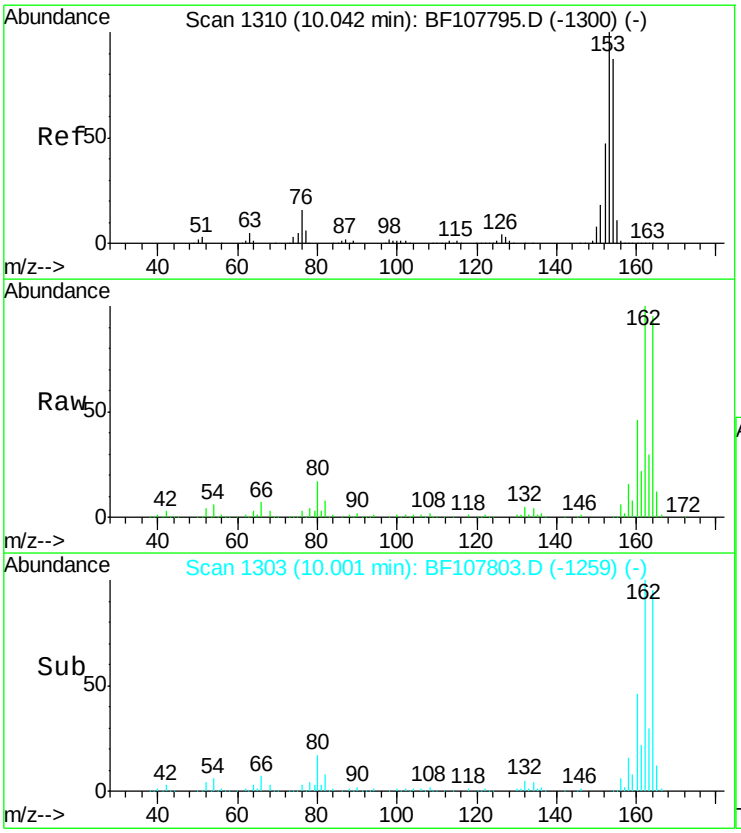
#50
2,6-Dinitrotoluene
Concen: 7.901 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:165 Resp: 38162

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	44.0	66.0#

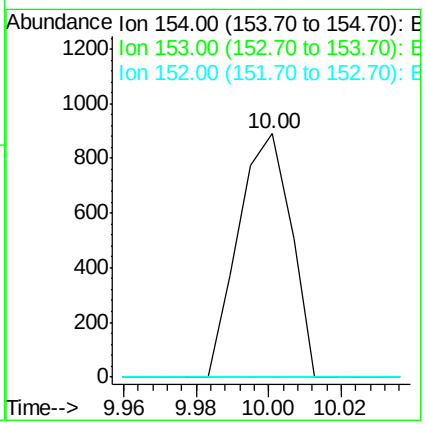


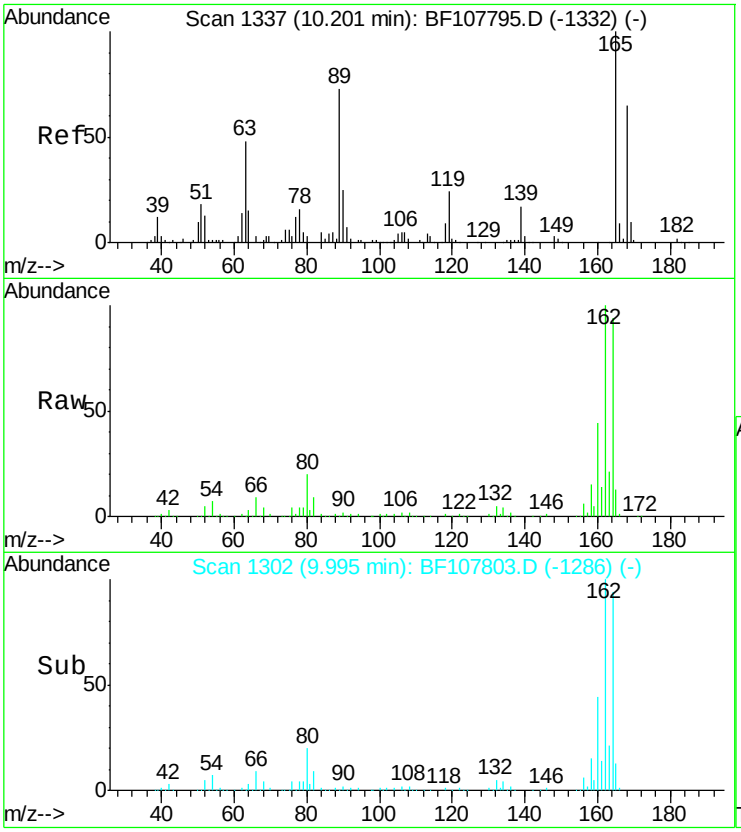


#51
Acenaphthene
Concen: 0.049 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:154 Resp: 897

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#



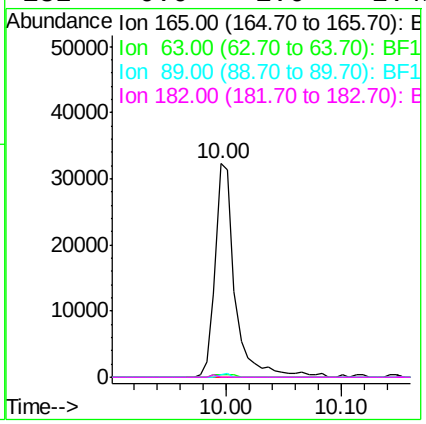


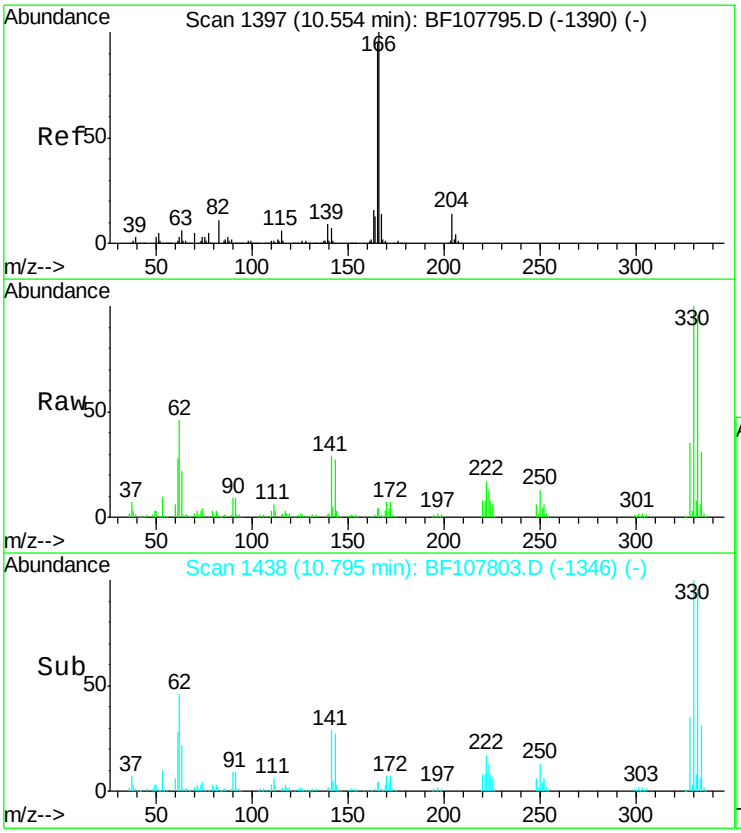
#56
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:165 Resp: 38848

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

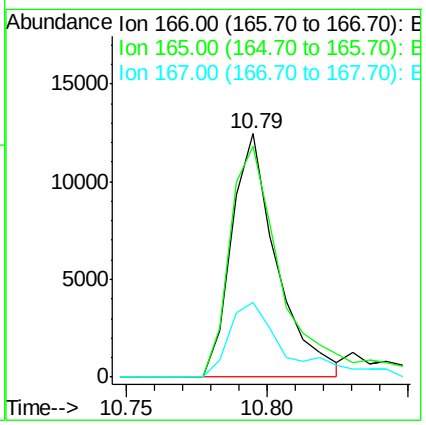


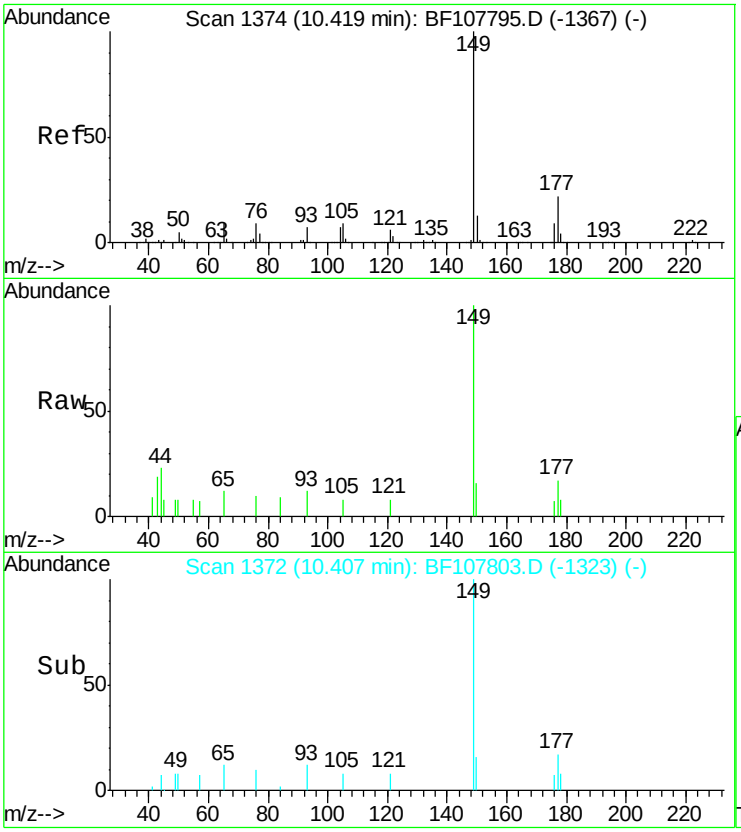


#57
Fluorene
Concen: 0.629 ng
RT: 10.79 min Scan# 1438
Delta R.T. 0.24 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:166 Resp: 13822

Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.8	119.8
167	30.7	10.6	16.0#



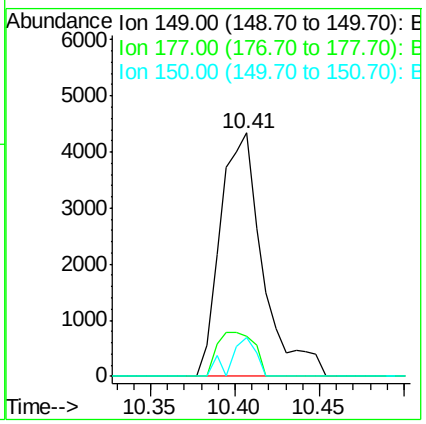


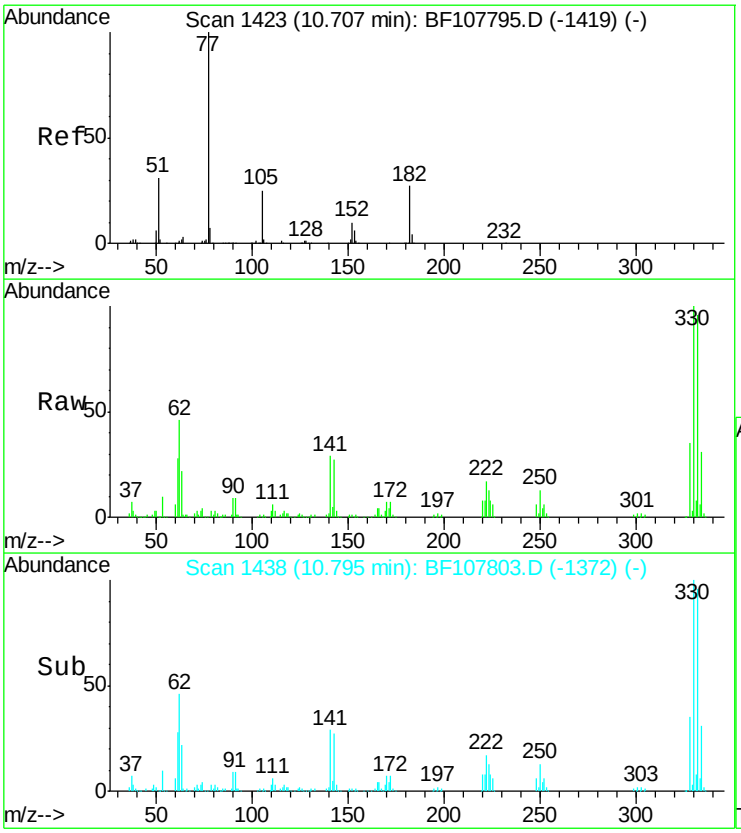
#59
Diethylphthalate
Concen: 0.318 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument : BNA_F
ClientSampleId : PB111574BL

Tgt Ion:149 Resp: 7592

Ion	Ratio	Lower	Upper
149	100		
177	16.7	16.1	24.1
150	16.0	10.1	15.1#

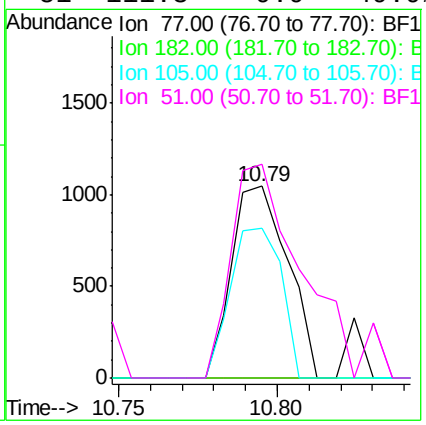


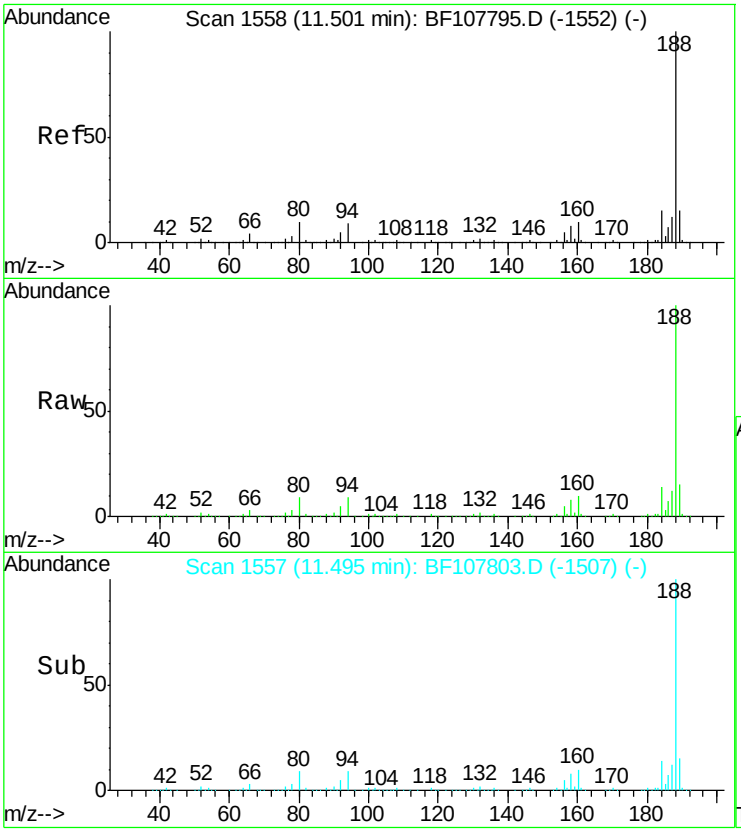


#62
Azobenzene
Concen: 0.058 ng
RT: 10.79 min Scan# 1438
Delta R.T. 0.09 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion: 77 Resp: 1288

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	78.2	3.0	43.0#
51	111.3	9.9	49.9#



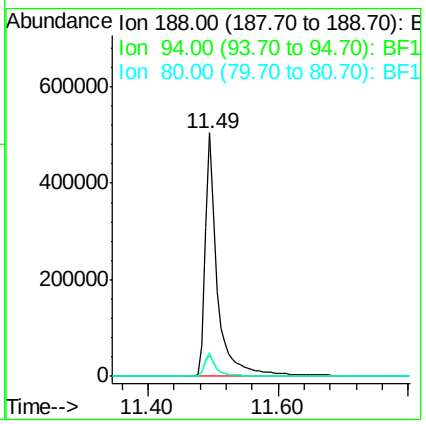


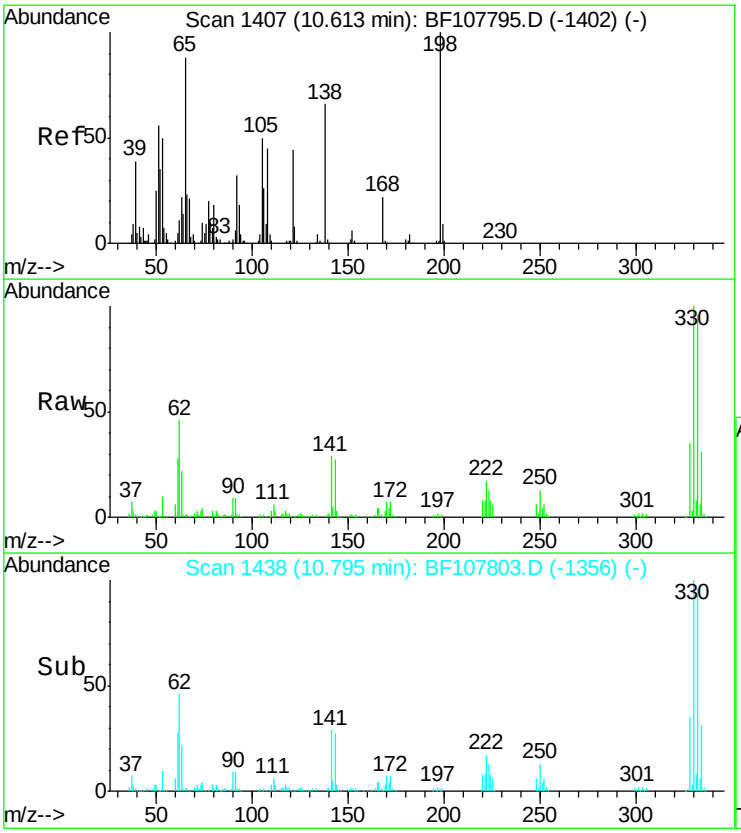
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:188 Resp: 659556

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.5	9.2	13.8

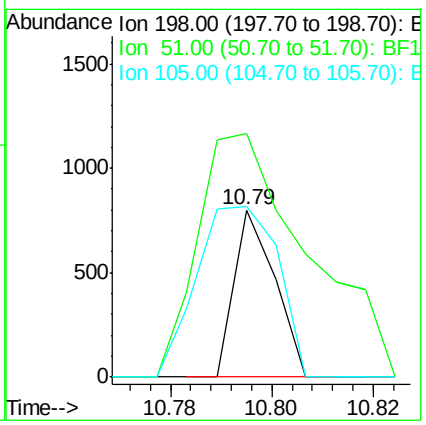


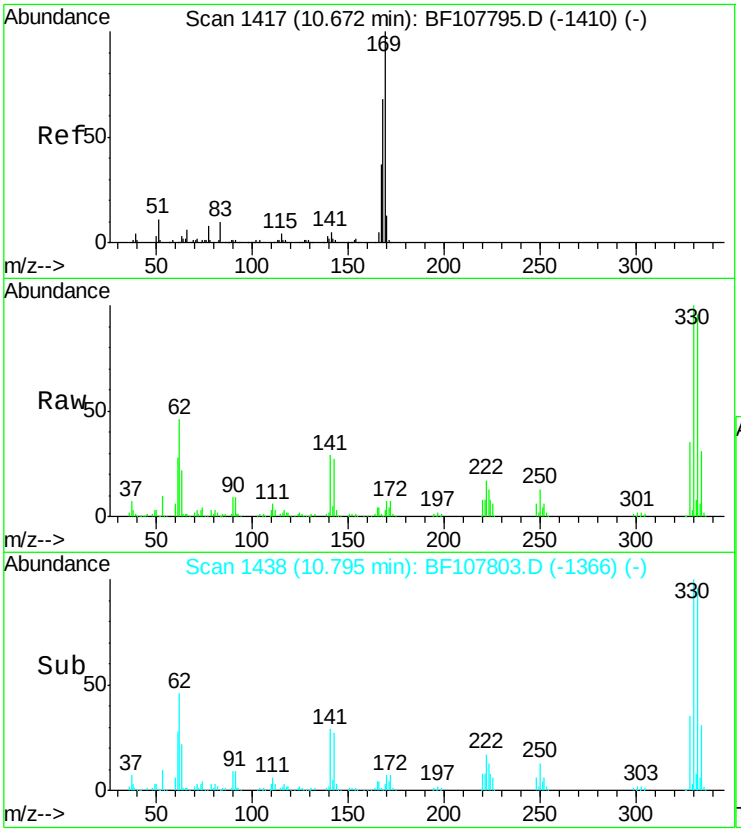


#64
4,6-Dinitro-2-methylphenol
Concen: 0.124 ng
RT: 10.79 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:198 Resp: 446

Ion	Ratio	Lower	Upper
198	100		
51	145.9	37.7	77.7#
105	102.6	36.3	76.3#



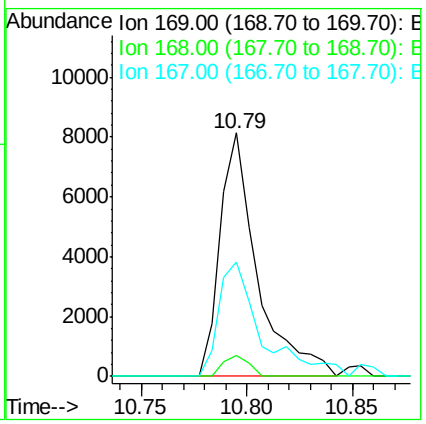


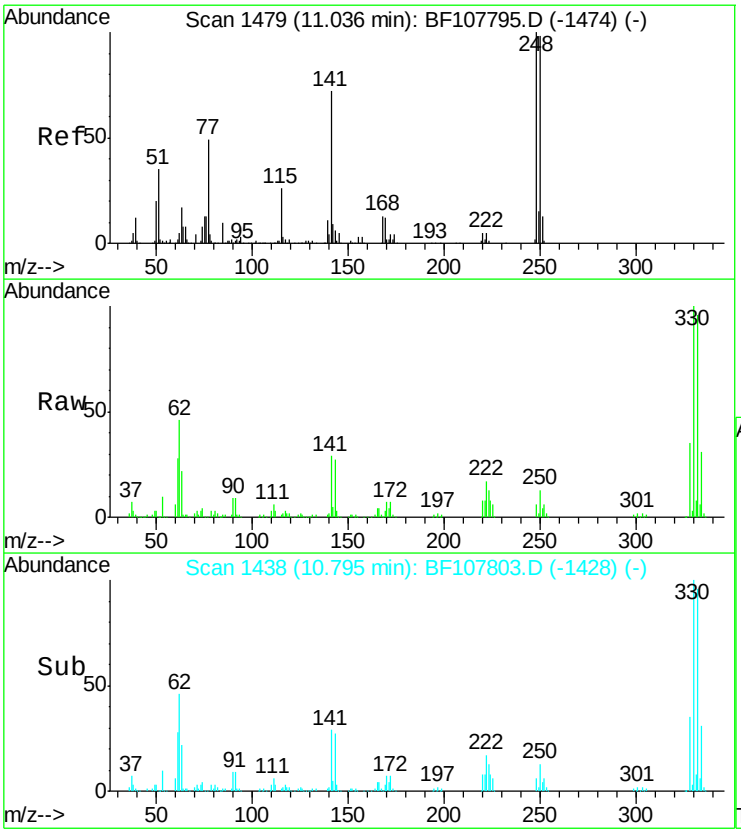
#65
n-Nitrosodiphenylamine
Concen: 0.459 ng
RT: 10.79 min Scan# 1438
Delta R.T. 0.12 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:169 Resp: 9974

Ion	Ratio	Lower	Upper
169	100		
168	8.4	54.4	81.6#
167	47.0	29.8	44.6#

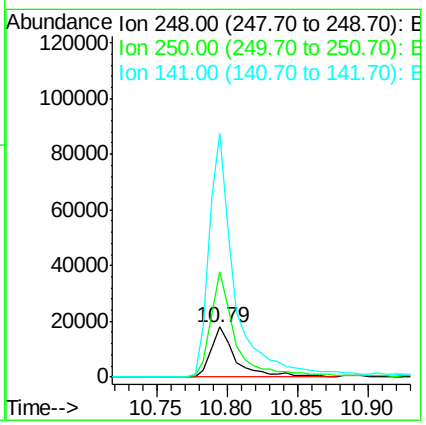


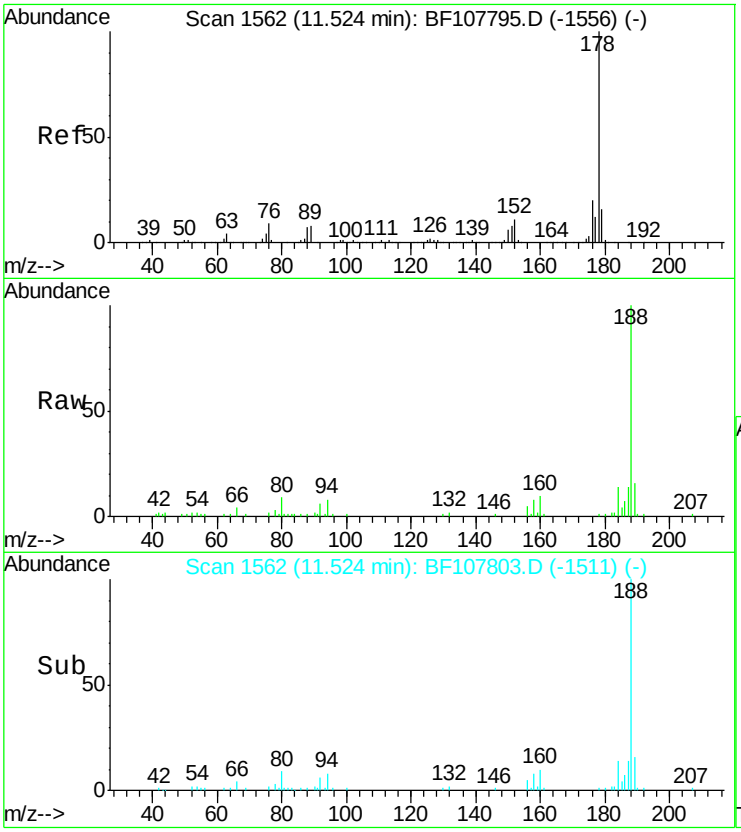


#66
4-Bromophenyl-phenylether
Concen: 2.883 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:248 Resp: 22165

Ion	Ratio	Lower	Upper
248	100		
250	211.2	76.9	115.3#
141	485.4	74.4	111.6#



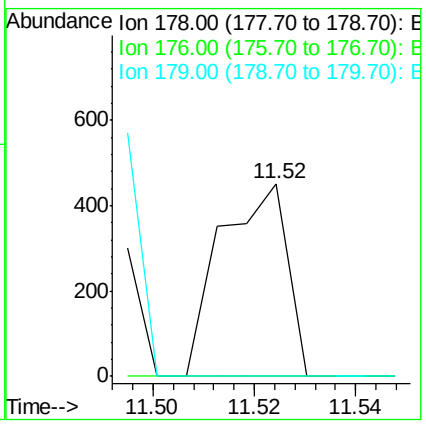


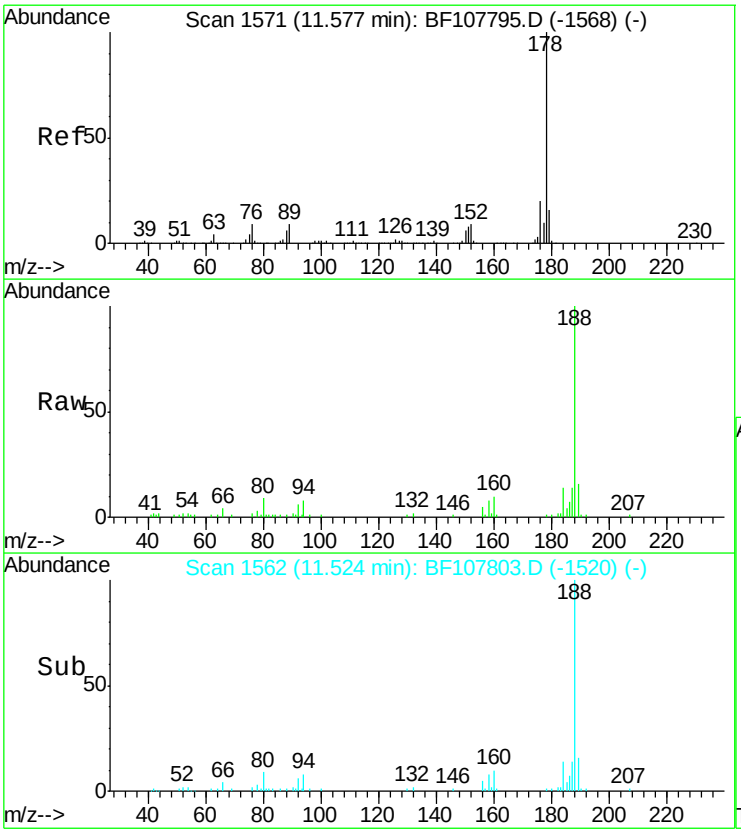
#70
Phenanthrene
Concen: 0.013 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:178 Resp: 410

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	13.0	19.6#

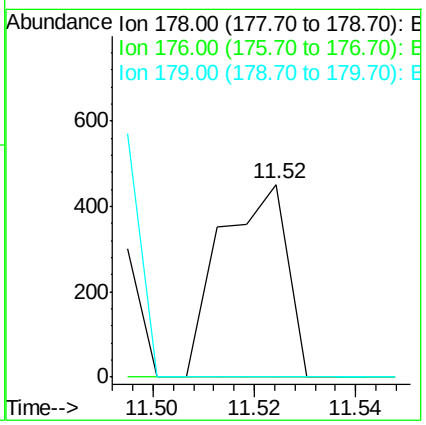


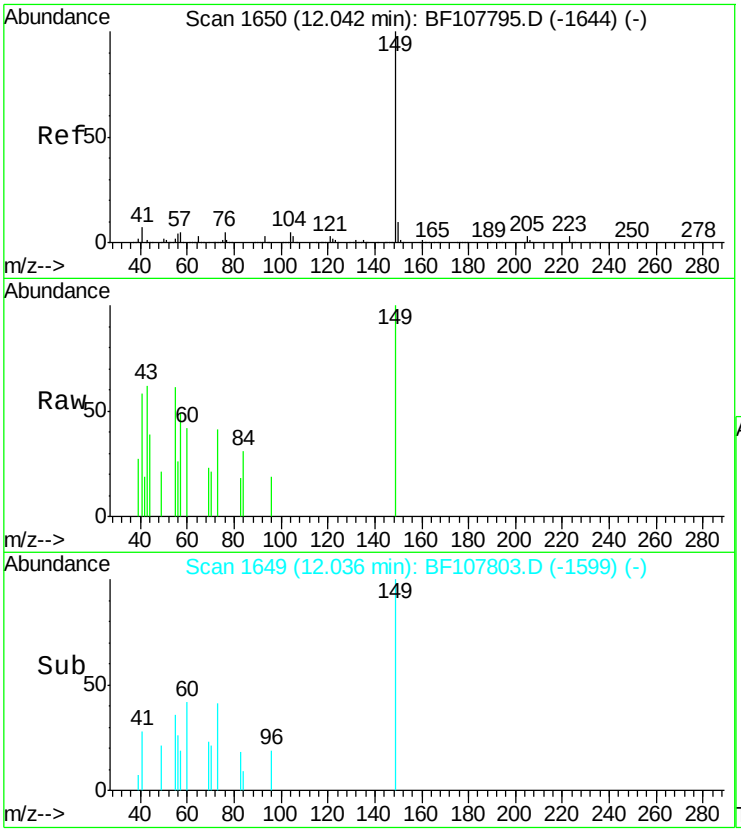


#71
Anthracene
Concen: 0.011 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.05 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:178 Resp: 410

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.6	19.0#



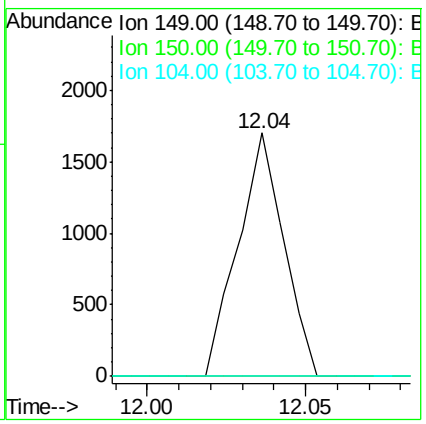


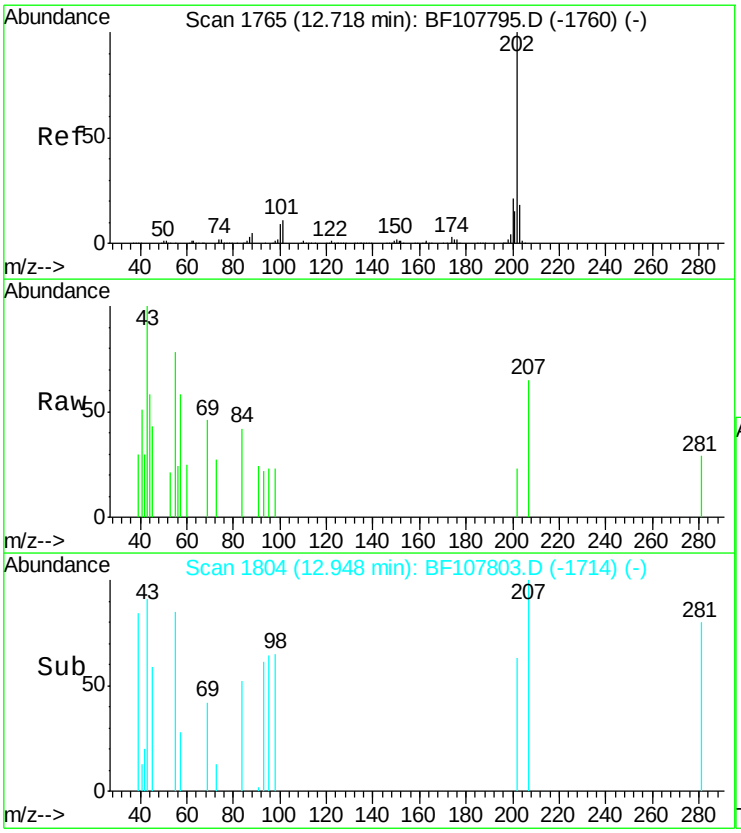
#73
Di-n-butylphthalate
Concen: 0.044 ng
RT: 12.04 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:149 Resp: 1704

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.8	5.8#

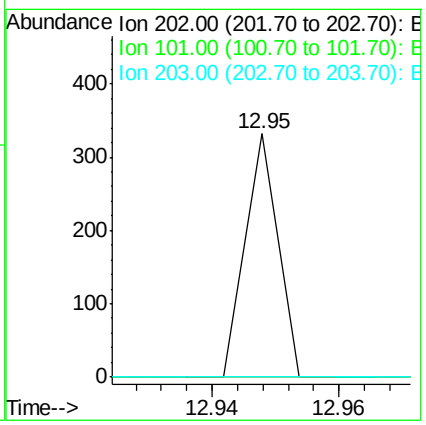


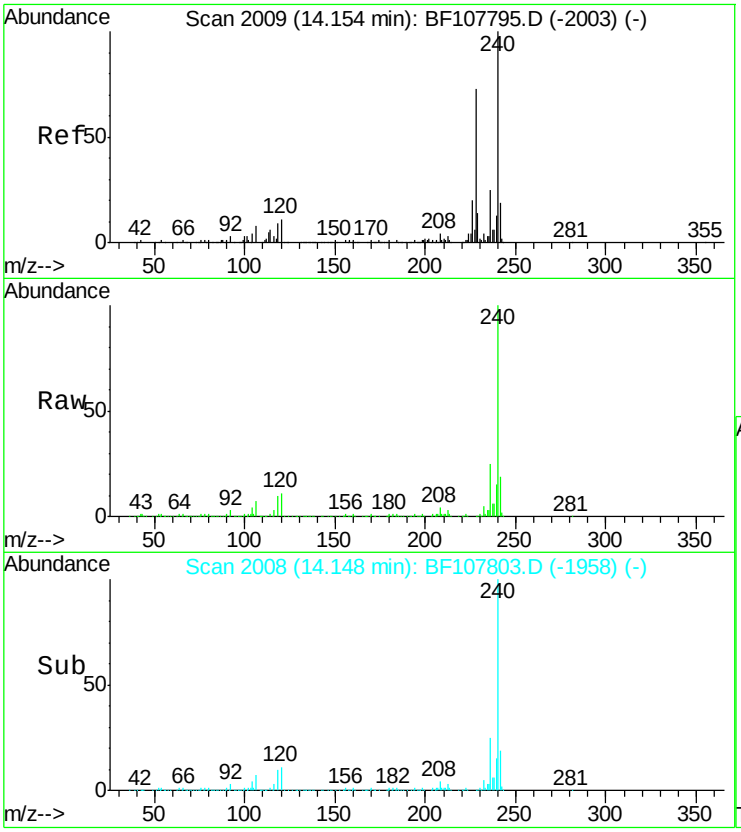


#74
Fluoranthene
Concen: 0.003 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.23 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:202 Resp: 117

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



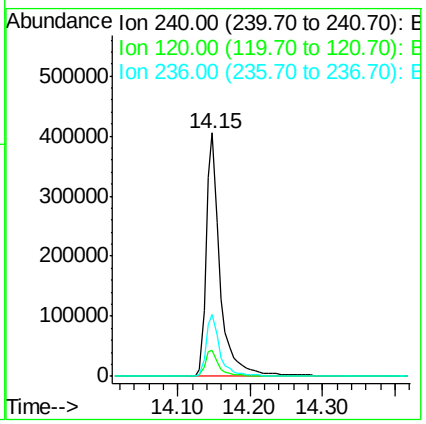


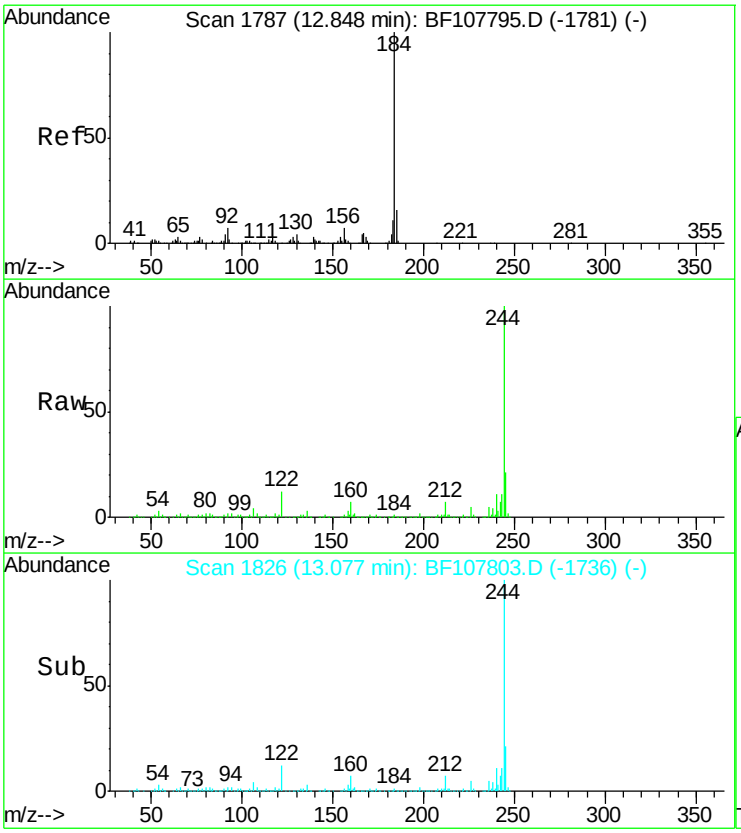
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:240 Resp: 538851

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.3	20.7	31.1

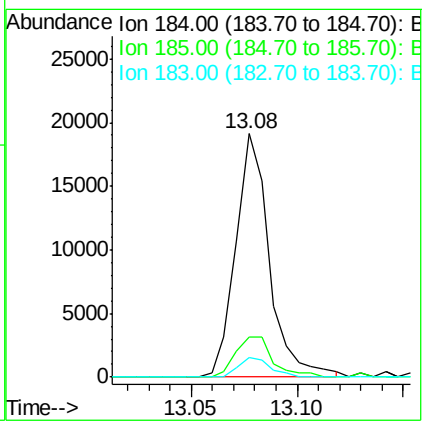


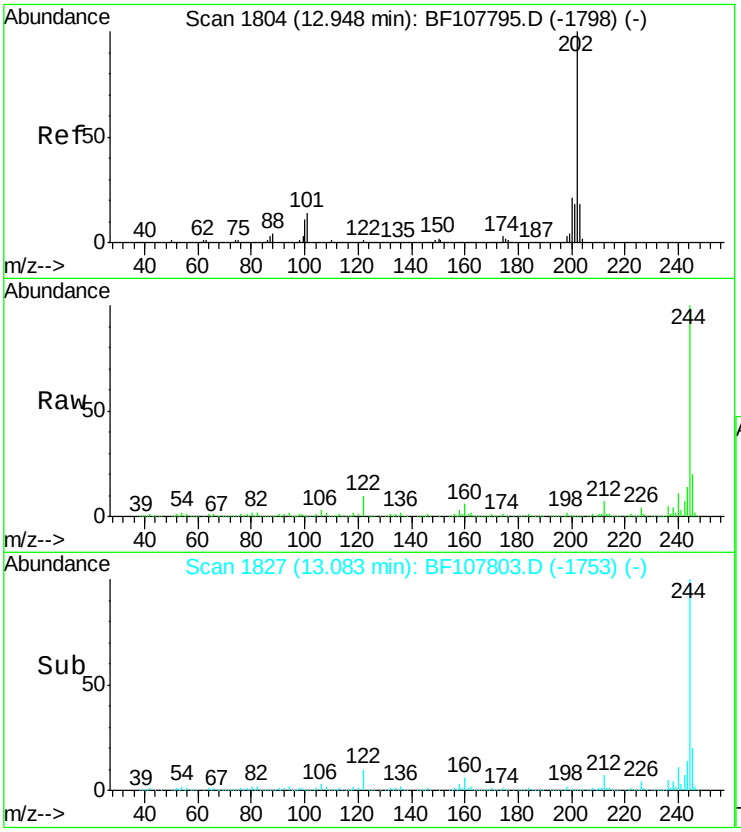


#76
Benzidine
Concen: 1.210 ng
RT: 13.08 min Scan# 1826
Delta R.T. 0.23 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:184 Resp: 21085

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	18.8
183	8.1	9.3	13.9#



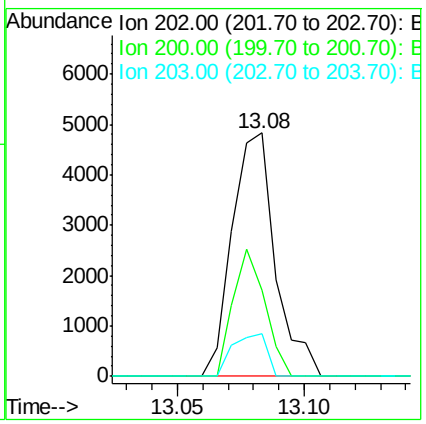


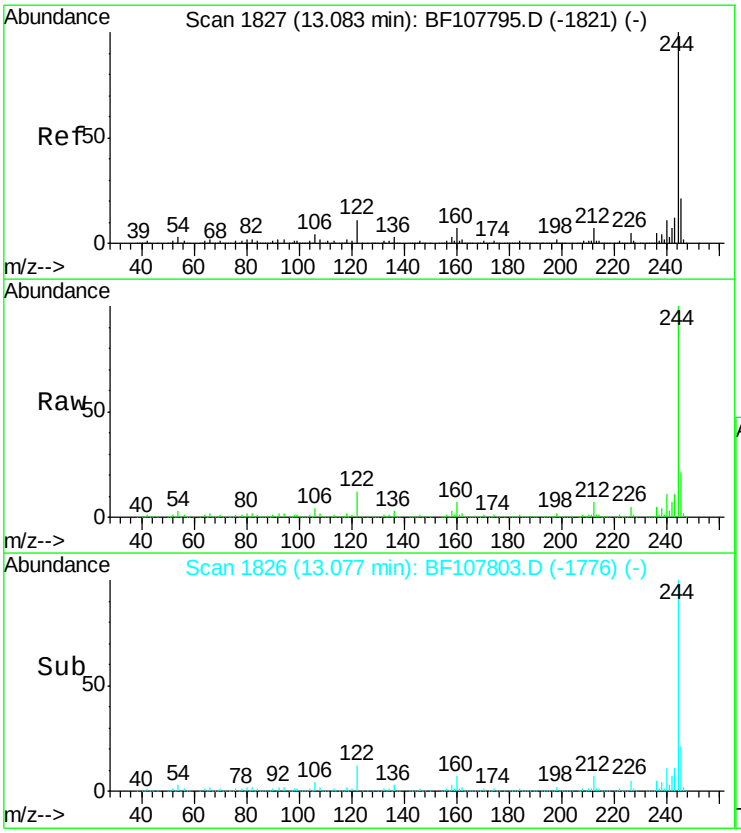
#77
Pyrene
Concen: 0.147 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.14 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:202 Resp: 5719

Ion	Ratio	Lower	Upper
202	100		
200	35.2	17.4	26.2#
203	17.5	14.3	21.5

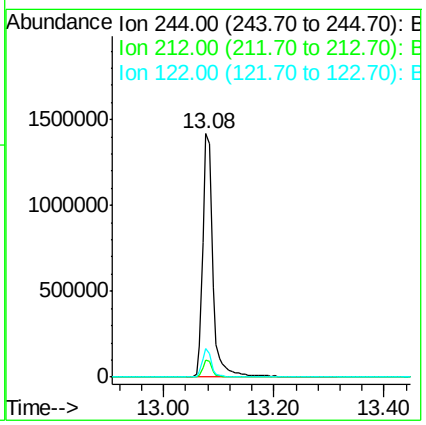


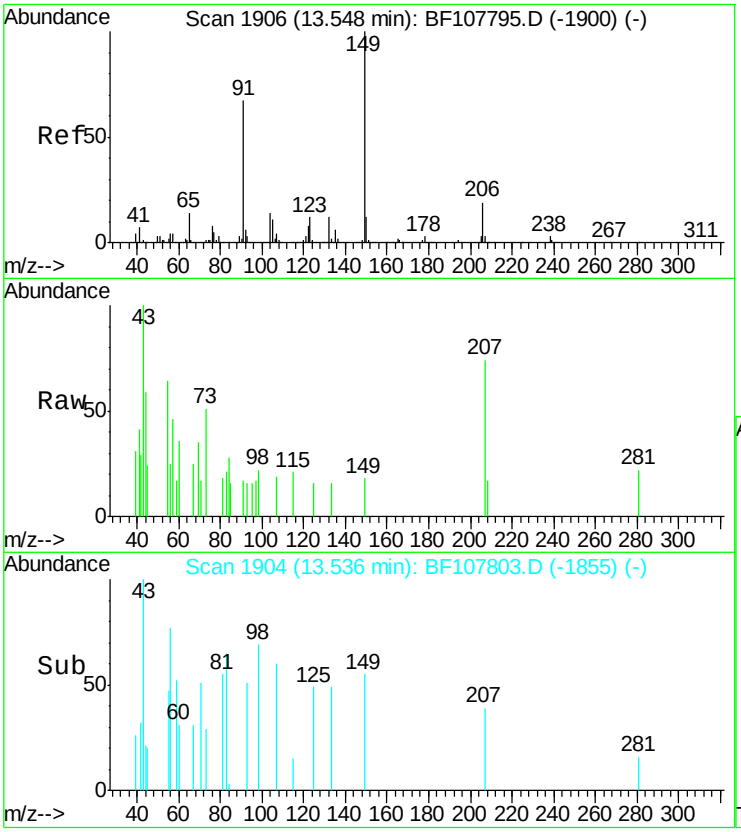


#78
Terphenyl-d14
Concen: 71.109 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:244 Resp: 1767040

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4



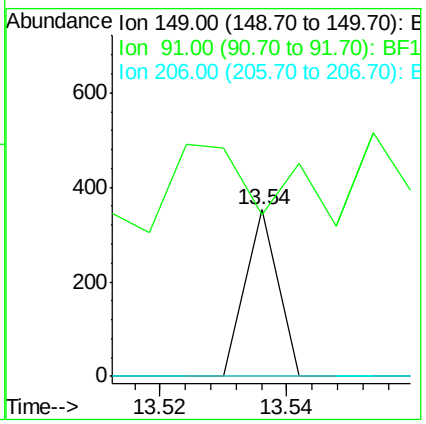


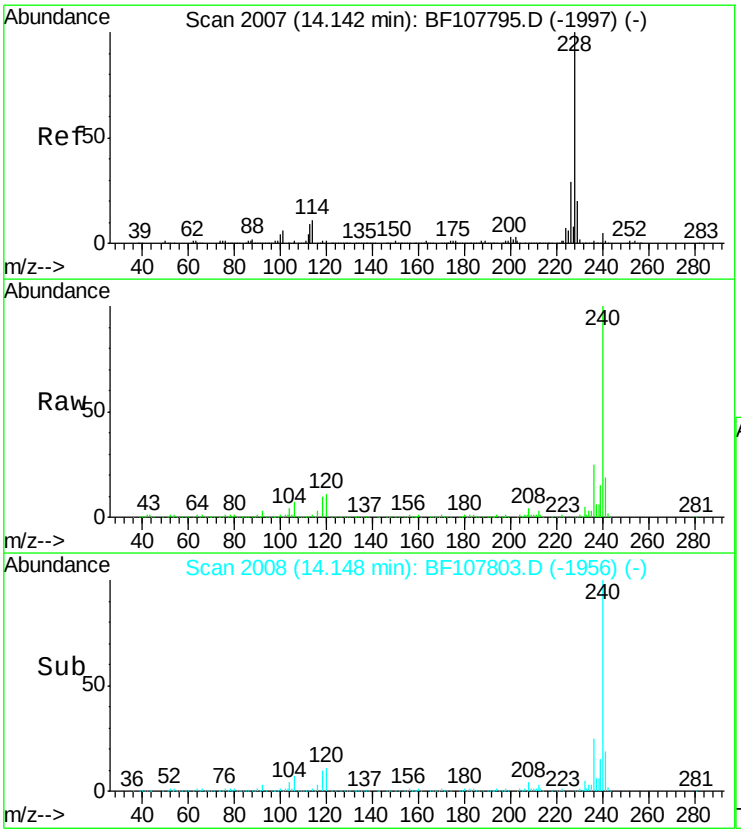
#79
Butylbenzylphthalate
Concen: 0.007 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:149 Resp: 125

Ion	Ratio	Lower	Upper
149	100		
91	96.9	56.8	85.2#
206	0.0	14.1	21.1#

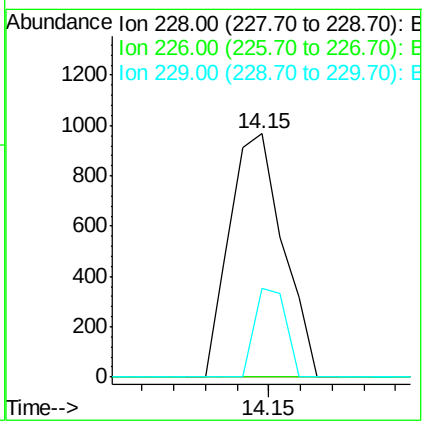


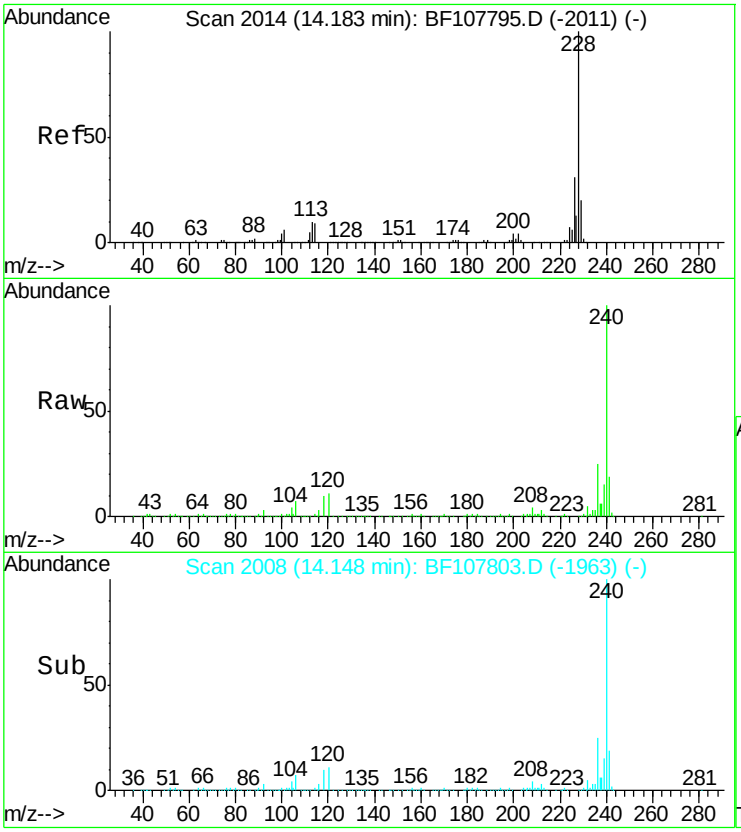


#80
Benzo(a)anthracene
Concen: 0.037 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:228 Resp: 1129

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	36.7	15.8	23.6#



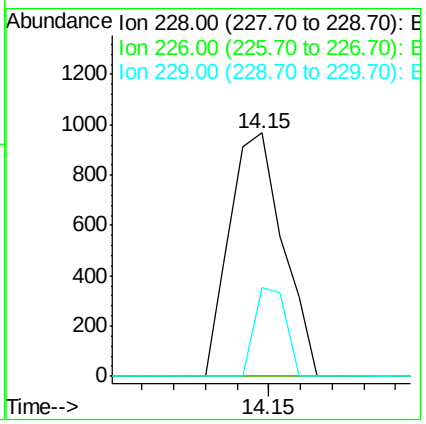


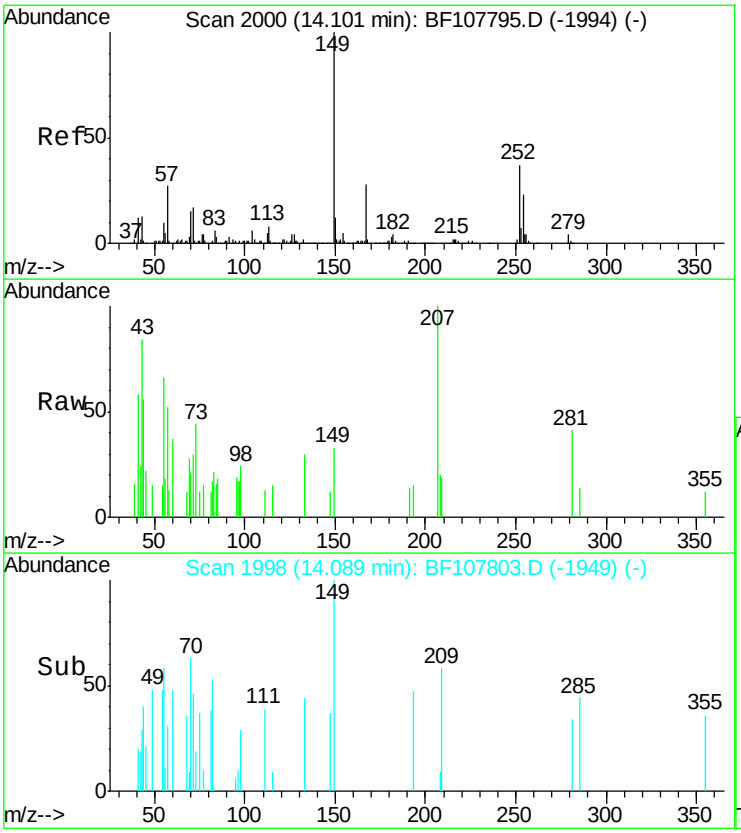
#82
Chrysene
Concen: 0.034 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.04 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:228 Resp: 1129

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	36.7	16.2	24.4#

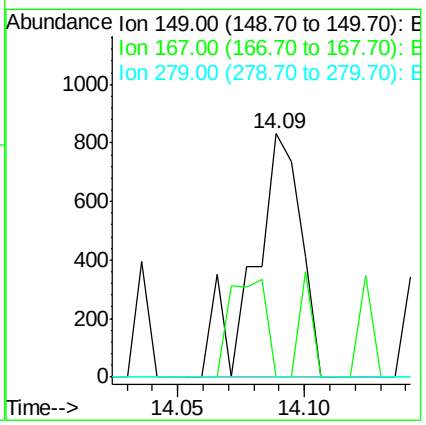


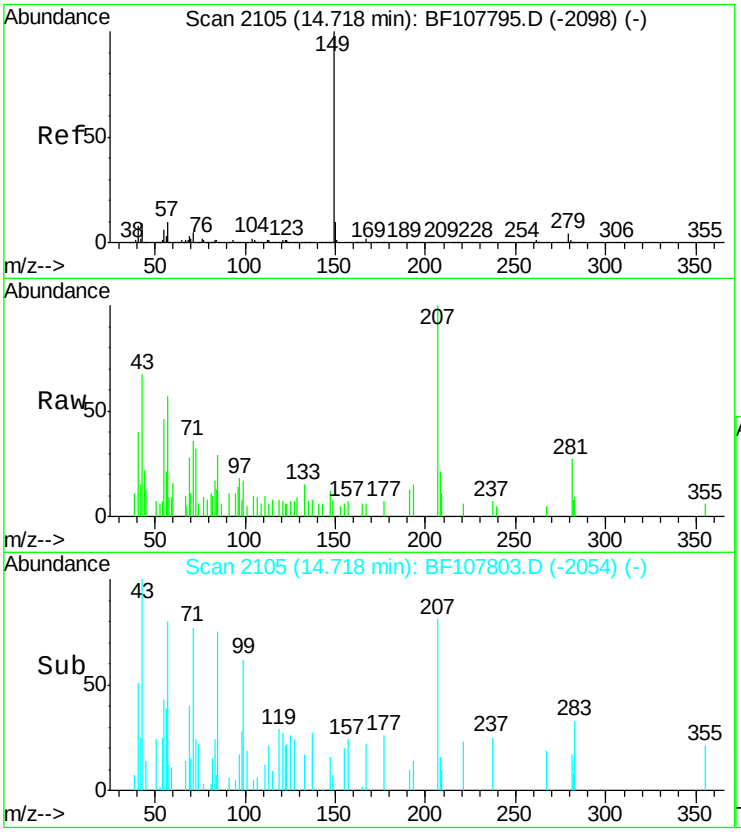


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 14.09 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:149 Resp: 1089

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.3	31.9#
279	0.0	3.0	4.4#



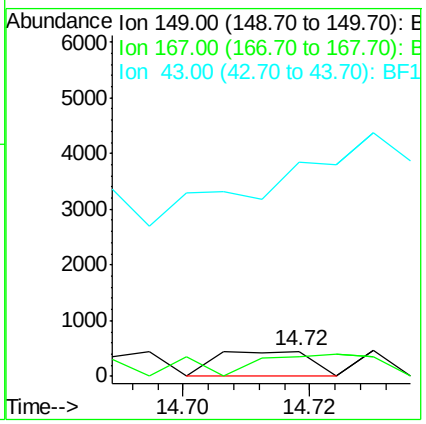


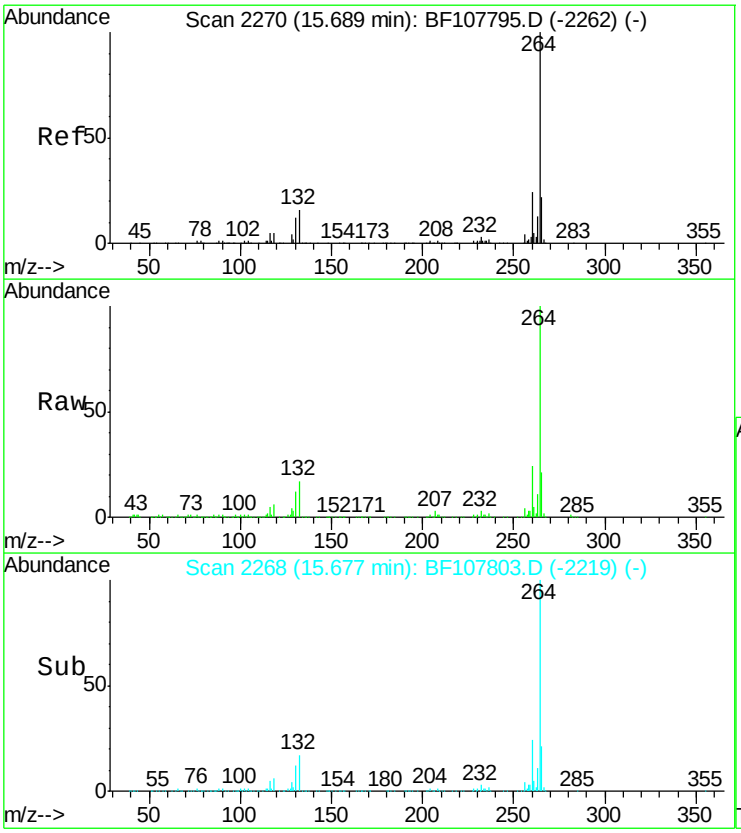
#84
Di-n-octyl phthalate
Concen: 0.013 ng
RT: 14.72 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:149 Resp: 461

Ion	Ratio	Lower	Upper
149	100		
167	134.9	1.2	1.8#
43	812.1	8.4	12.6#

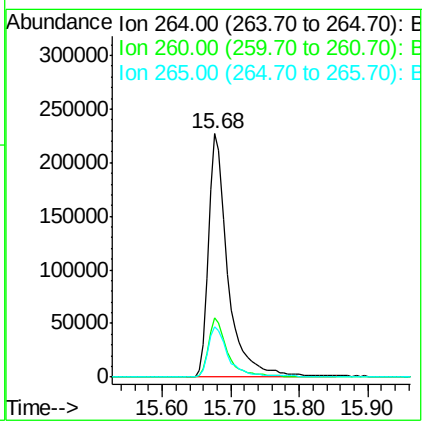


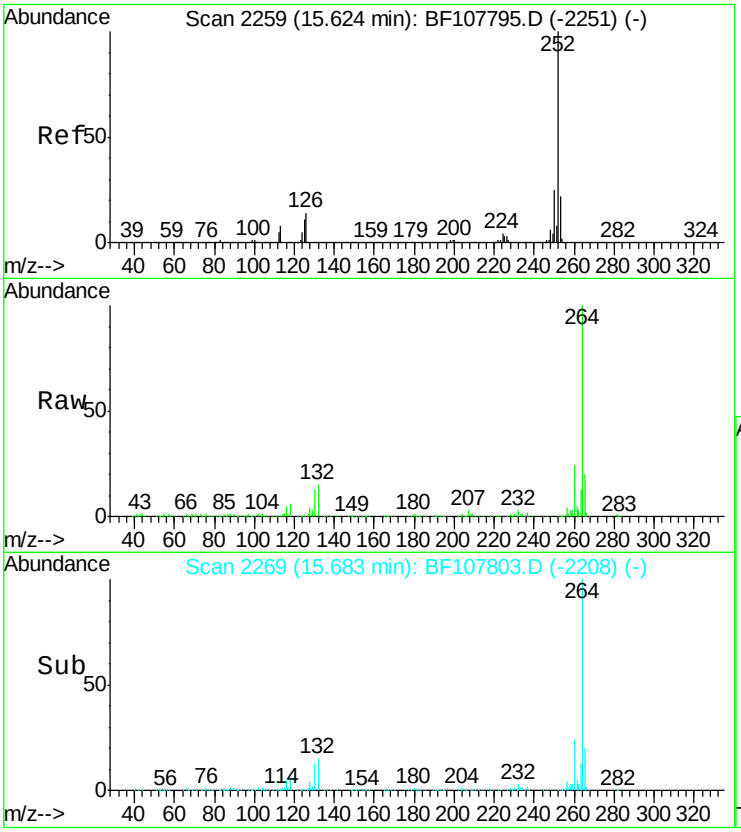


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Tgt Ion:264 Resp: 447366

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3





#89
Benzo(a)pyrene
Concen: 0.078 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.06 min
Lab File: BF107803.D
Acq: 30 Jul 2018 16:46

Instrument :
BNA_F
ClientSampleId :
PB111574BL

Tgt Ion:252 Resp: 1788

Ion	Ratio	Lower	Upper
252	100		
253	53.6	17.1	25.7#
125	42.4	9.8	14.6#