Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
Data File : BF106985.D
Acq On : 29 Jun 2018 20:40
Operator : JU/SJ
Sample : J3692-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02

Quant Time: Jun 29 23:10:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73603	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	266852	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	119964	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	200042	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	195415	20.00	ng		-0.03
86) Perylene-d12	15.67	264	145165	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	255947	58.88	ng		-0.01
7) Phenol-d6	6.59	99	196338	36.17	ng		-0.02
23) Nitrobenzene-d5	7.52	82	418532	87.16	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	183637	132.07	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	738421	108.22	ng		-0.02
78) Terphenyl-d14	13.07	244	735160	91.13	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.61	94	17360	2.802	ng		97
19) n-Nitroso-di-n-propylamine	7.52	70	55148	15.413	ng	#	71
20) 3+4-Methylphenols	7.37	107	3186	Below Cal			86
25) Isophorone	7.52	82	416146	49.181	ng	#	64
31) Naphthalene	8.26	128	463494	37.150	ng		99
32) Benzoic acid	8.02	122	2020	6.415	ng	#	16
33) 4-Chloroaniline	8.26	127	59632	11.391	ng	#	33
37) 2-Methylnaphthalene	8.95	142	34768	4.204	ng		93
50) 2,6-Dinitrotoluene	9.99	165	15961	8.377	ng	#	24
51) Acenaphthene	10.02	154	46825	6.259	ng		95
54) Dibenzofuran	10.20	168	41234	4.025	ng		95
55) 4-Nitrophenol	10.20	139	13544	8.850	ng	#	10
56) 2,4-Dinitrotoluene	9.99	165	15961	6.418	ng	#	21
57) Fluorene	10.54	166	37307	4.589	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	11232	4.705	ng	#	1
70) Phenanthrene	11.51	178	68190	7.067	ng		97
71) Anthracene	11.51	178	68190	6.924	ng		99
72) Carbazole	11.72	167	29044	3.150	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
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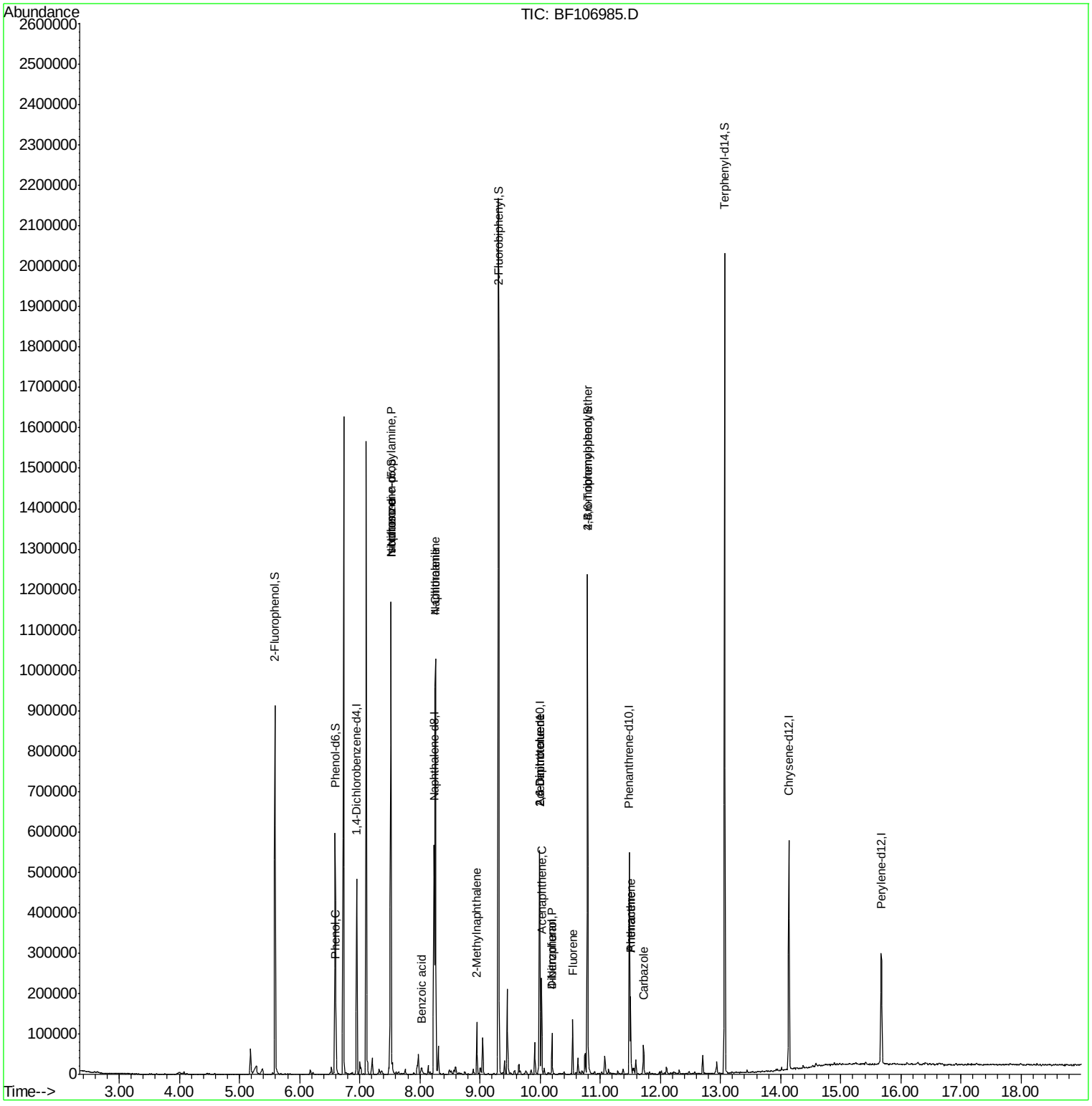
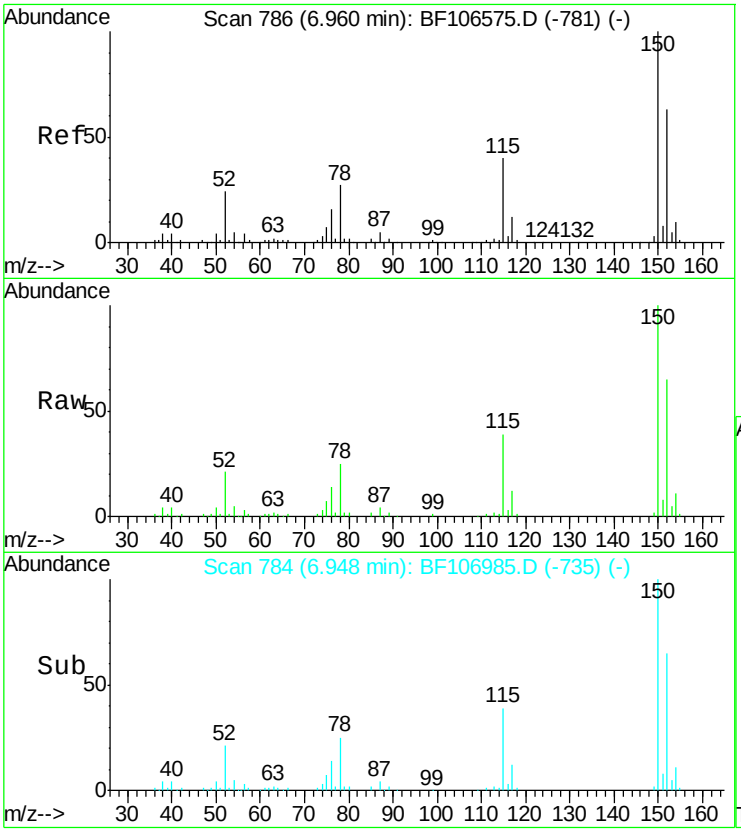


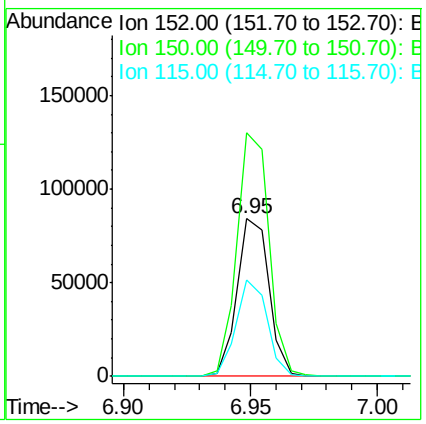


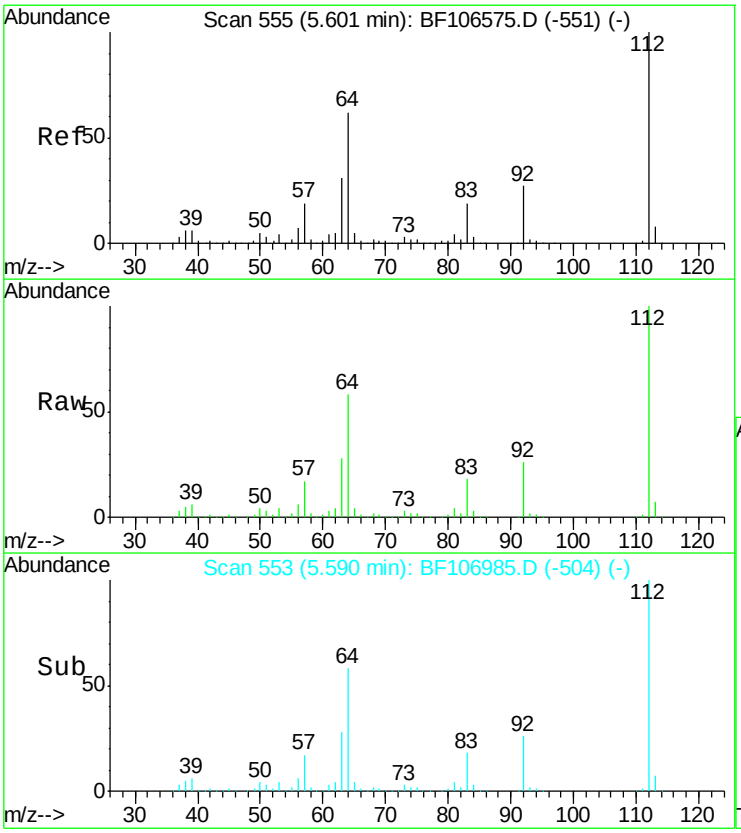
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:152 Resp: 73603

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.0	50.1	75.1

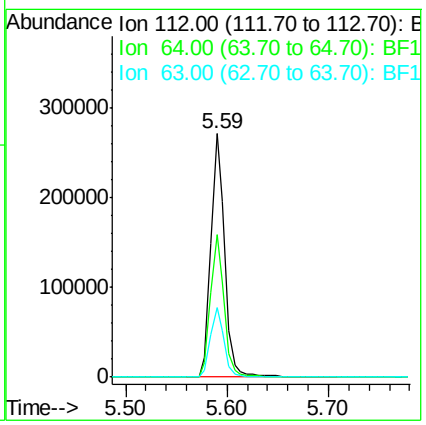


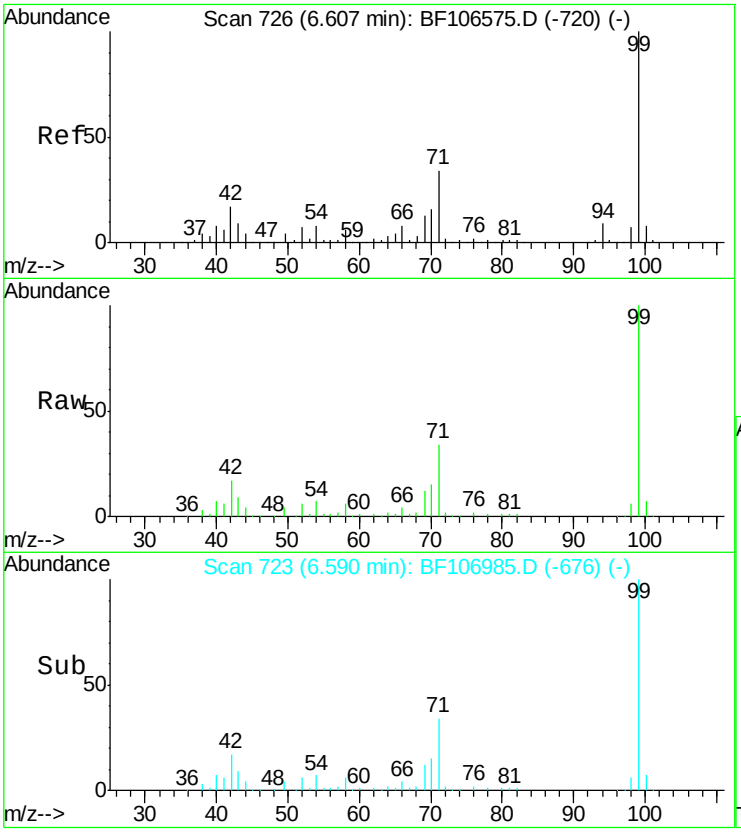


#5
2-Fluorophenol
Concen: 58.883 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:112 Resp: 255947

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	28.5	23.7	35.5



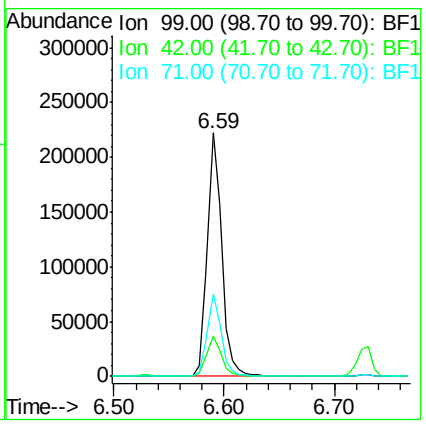


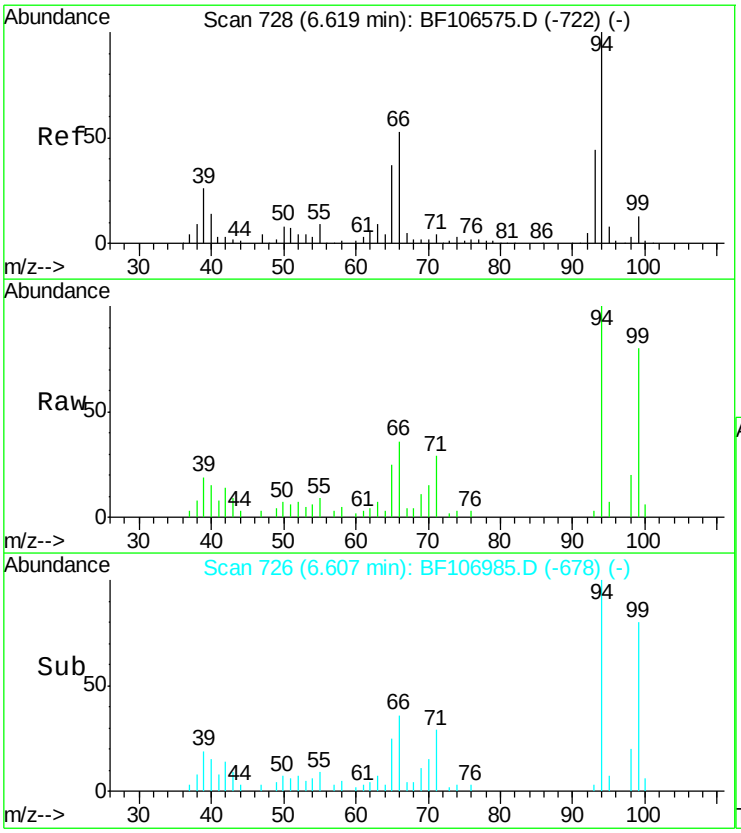
#7
Phenol-d6
Concen: 36.170 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion: 99 Resp: 196338

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	33.6	25.4	38.0

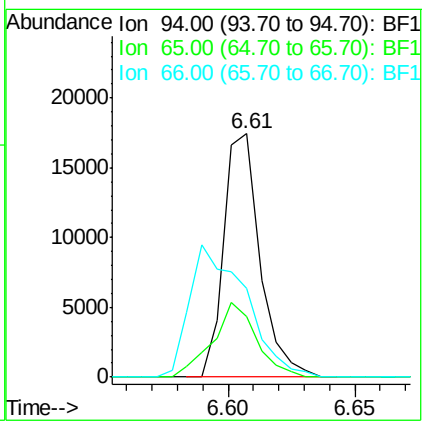


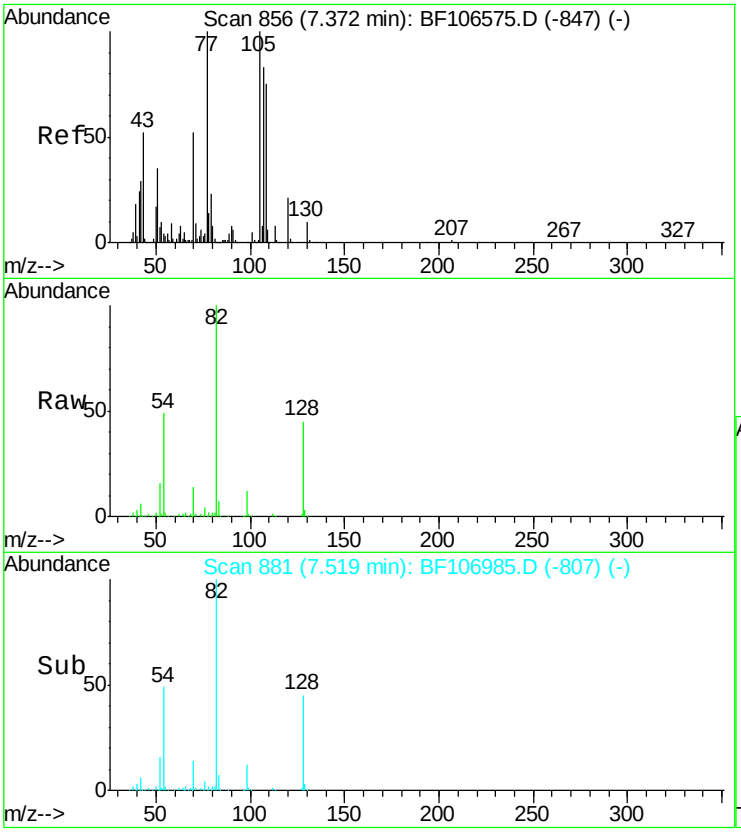


#10
Phenol
Concen: 2.802 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion: 94 Resp: 17360

Ion	Ratio	Lower	Upper
94	100		
65	24.9	7.9	47.9
66	36.5	16.2	56.2



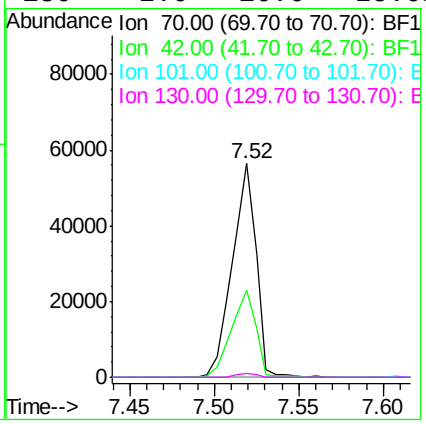


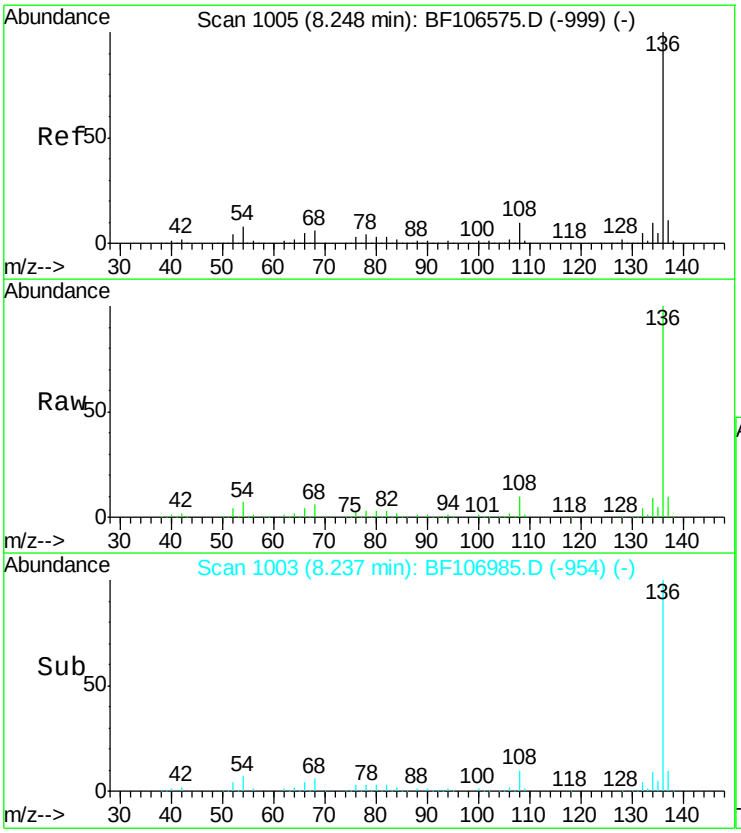
#19
n-Nitroso-di-n-propylamine
Concen: 15.413 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion: 70 Resp: 55148

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

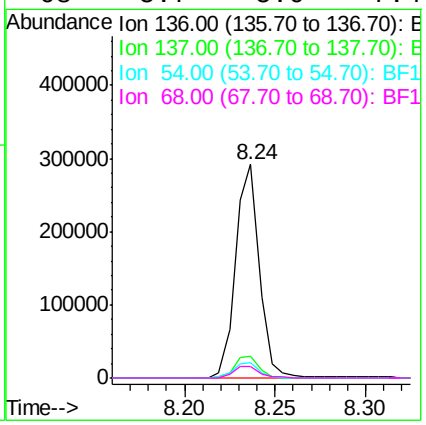


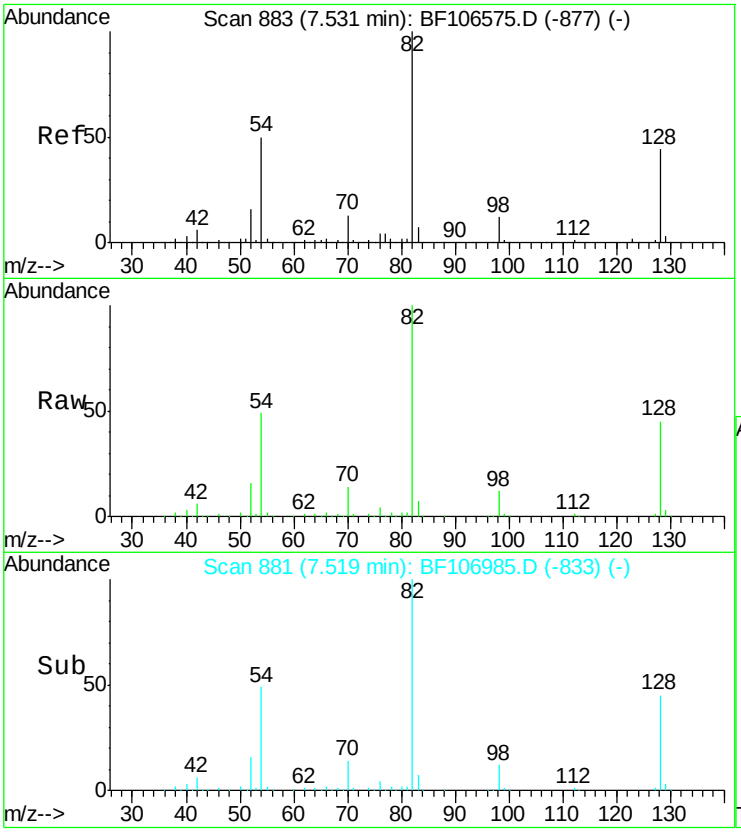


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:136 Resp: 266852

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4



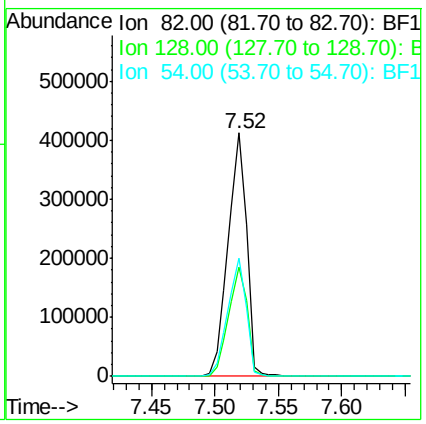


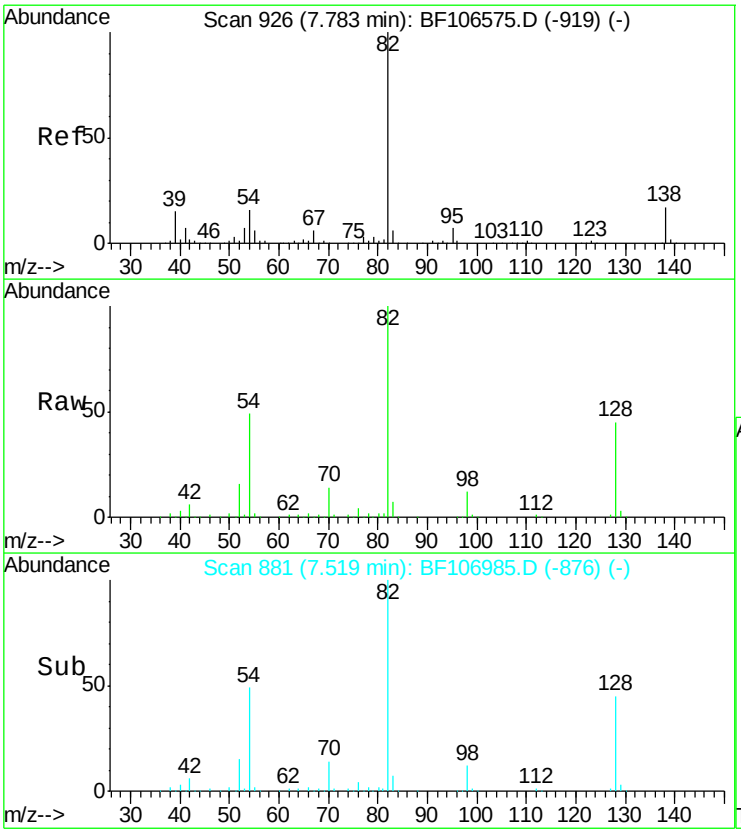
#23
Nitrobenzene-d5
Concen: 87.162 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion: 82 Resp: 418532

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	48.5	41.4	62.2

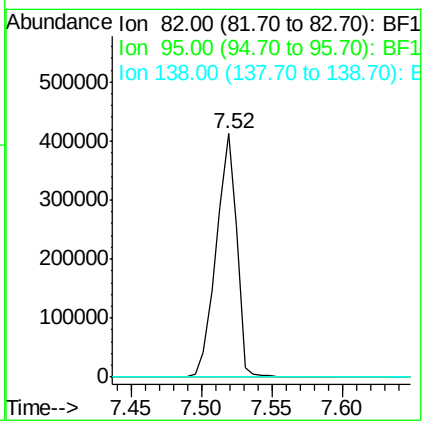


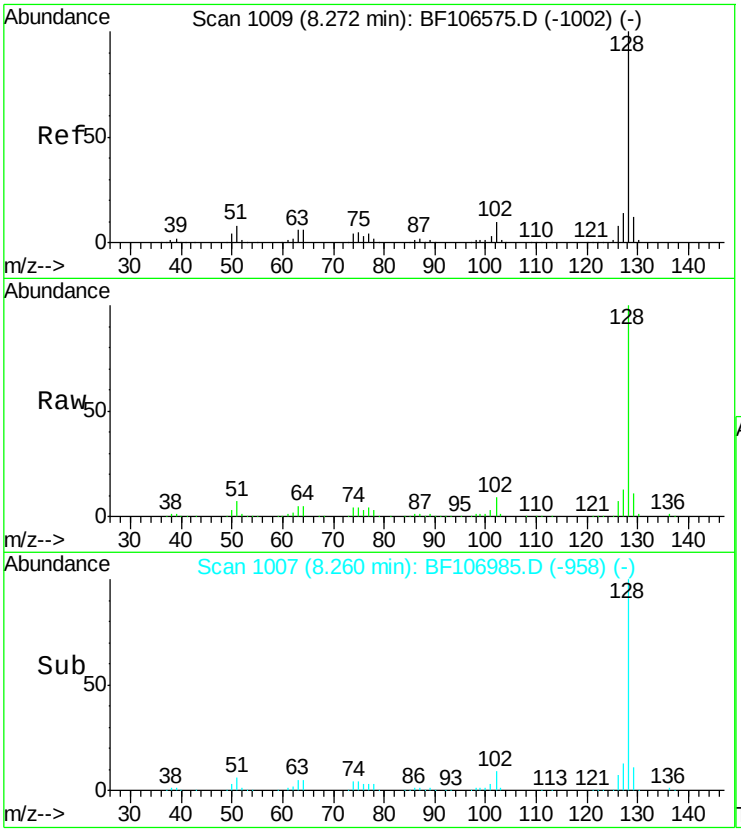


#25
Isophorone
Concen: 49.181 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion: 82 Resp: 416146

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



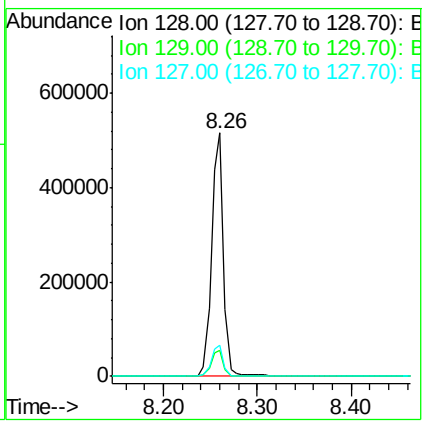


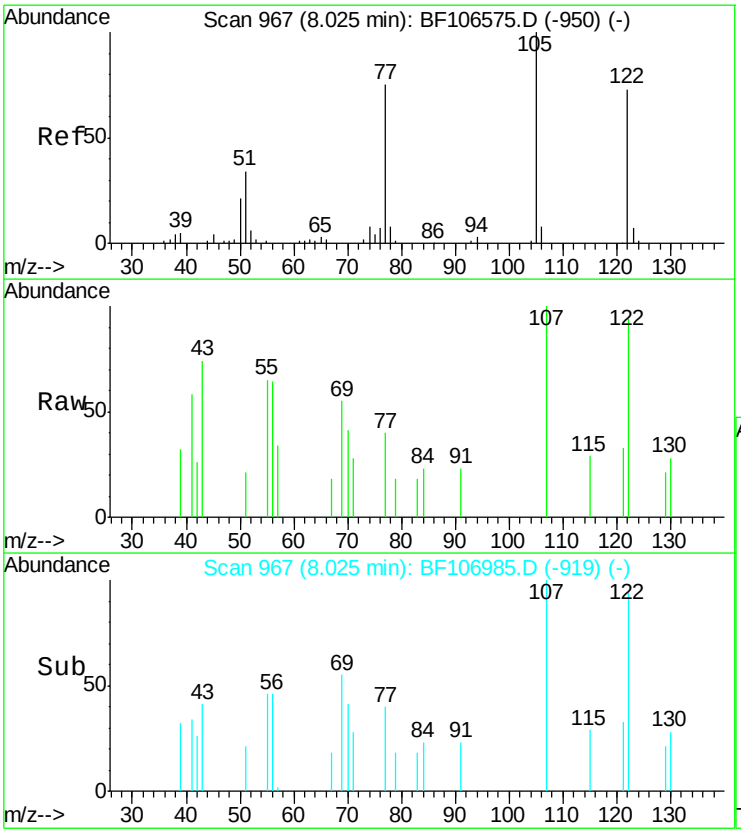
#31
Naphthalene
Concen: 37.150 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:128 Resp: 463494

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.9	16.3

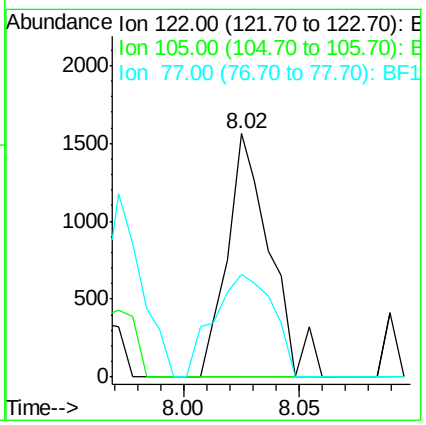


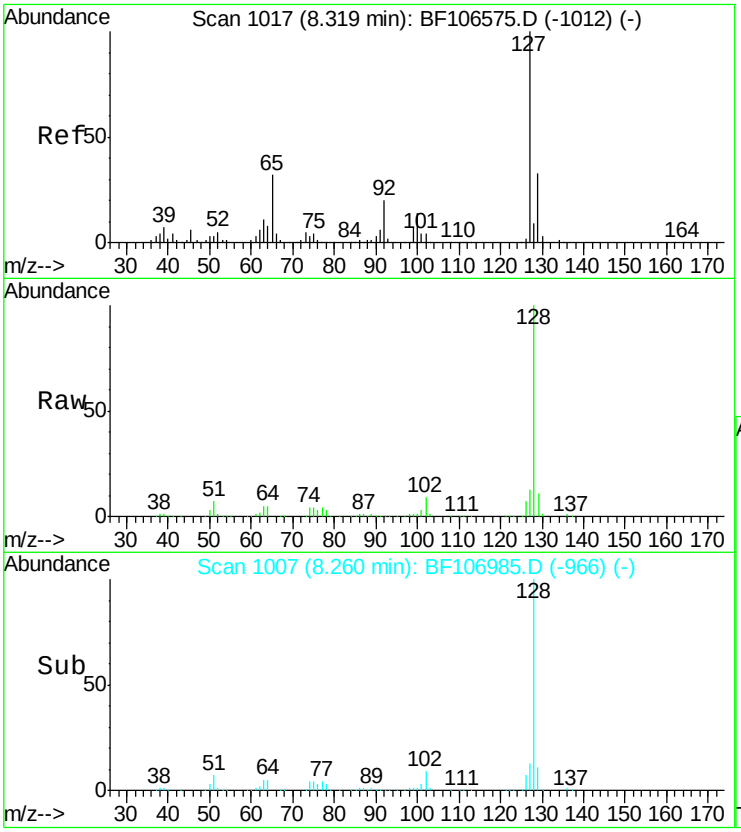


#32
Benzoic acid
Concen: 6.415 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:122 Resp: 2020

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	42.4	70.7	110.7#



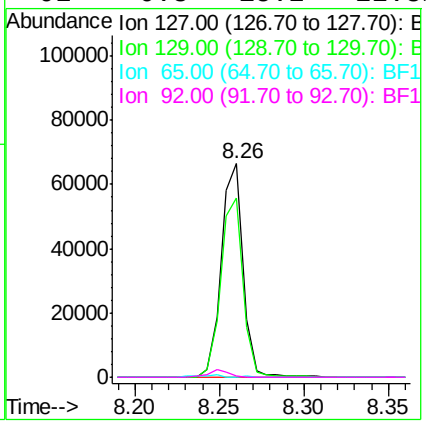


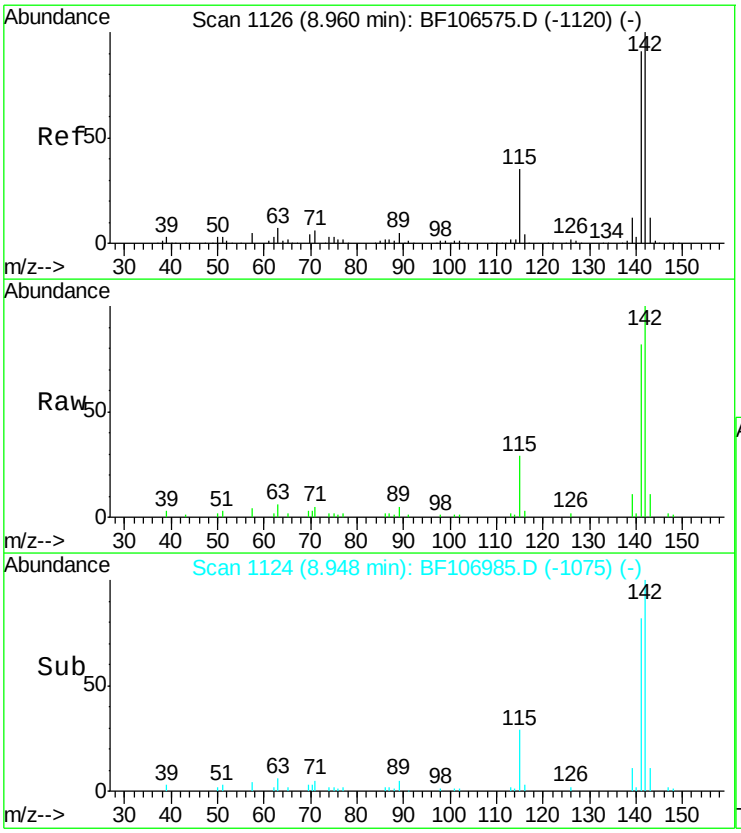
#33
4-Chloroaniline
Concen: 11.391 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.06 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:127 Resp: 59632

Ion	Ratio	Lower	Upper
127	100		
129	83.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.8	15.2	22.8#

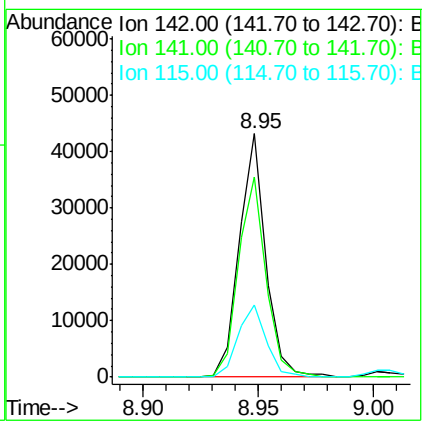


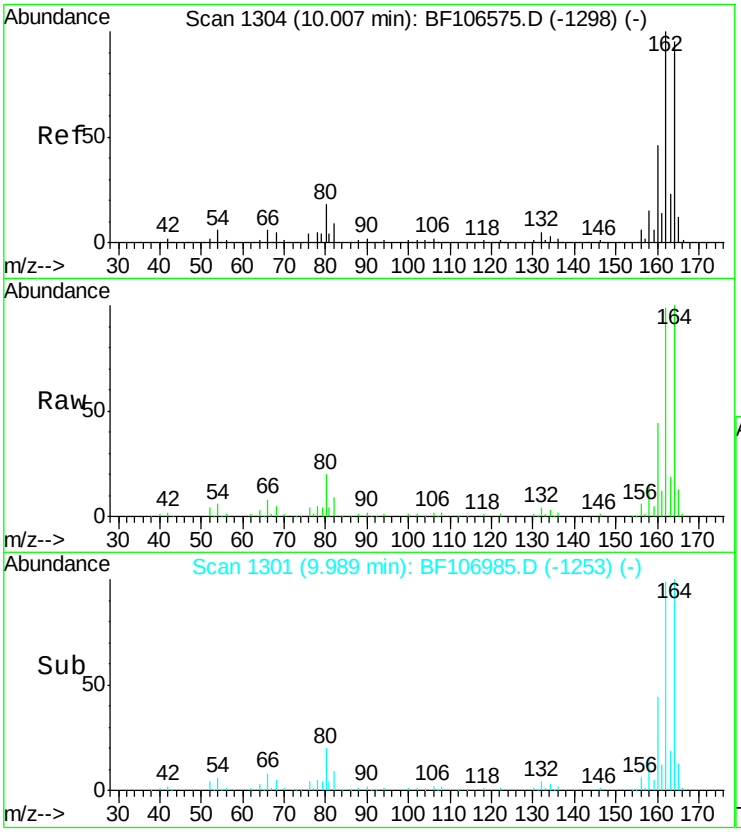


#37
2-Methylnaphthalene
Concen: 4.204 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:142 Resp: 34768

Ion	Ratio	Lower	Upper
142	100		
141	81.9	70.8	106.2
115	29.4	26.1	39.1



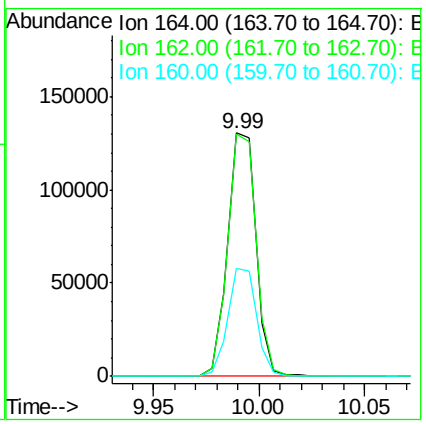


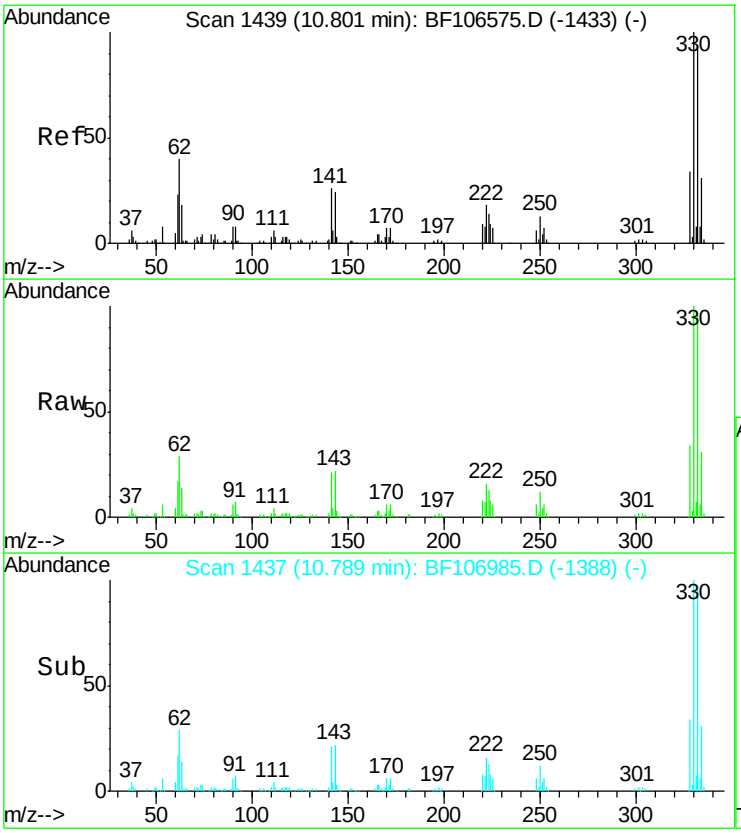
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:164 Resp: 119964

Ion	Ratio	Lower	Upper
164	100		
162	99.4	86.1	129.1
160	44.4	38.3	57.5

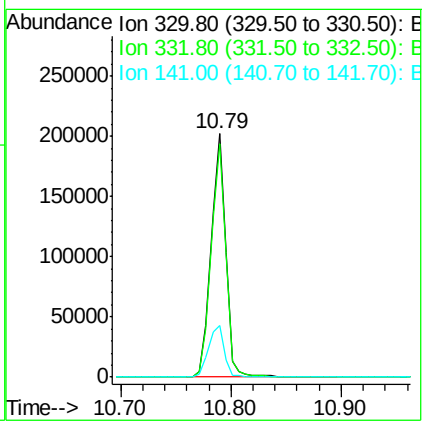


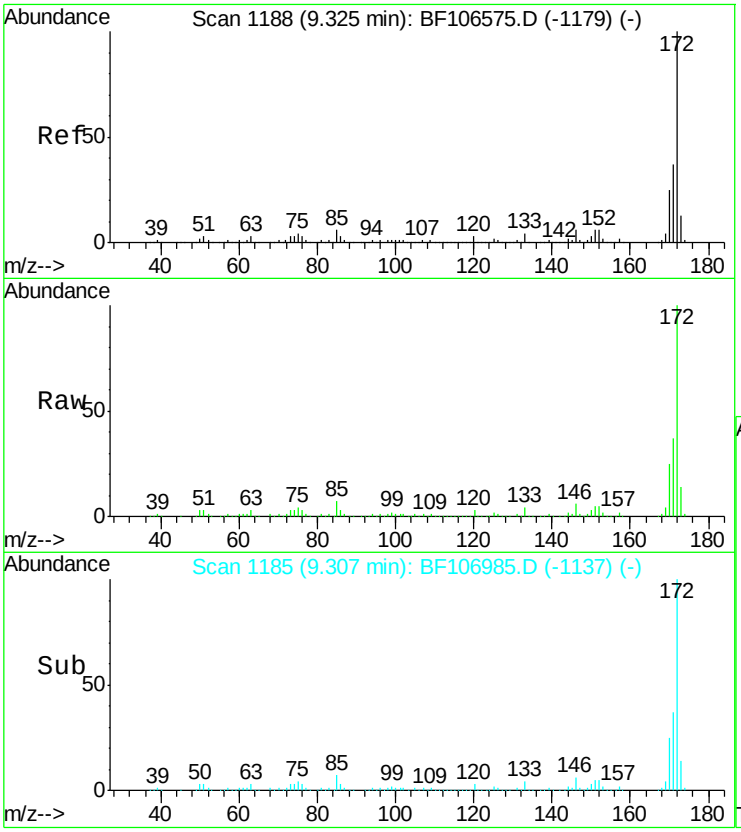


#41
2,4,6-Tribromophenol
Concen: 132.074 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:330 Resp: 183637

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	22.9	29.9	44.9#



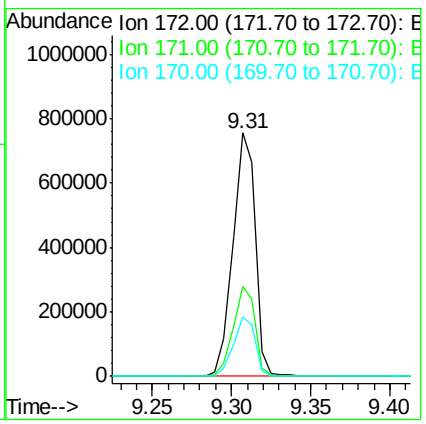


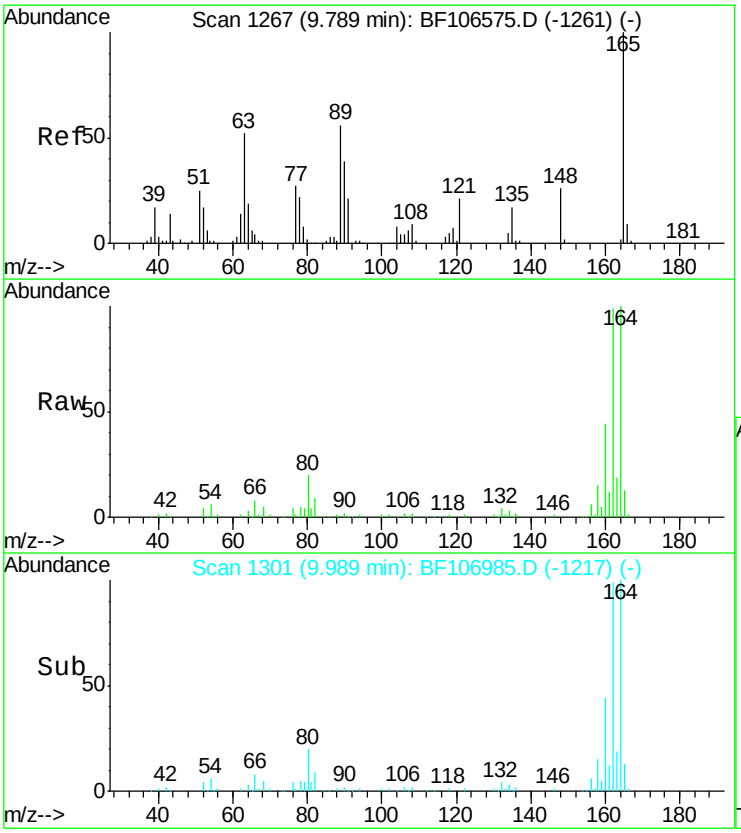
#44
2-Fluorobiphenyl
Concen: 108.216 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:172 Resp: 738421

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4

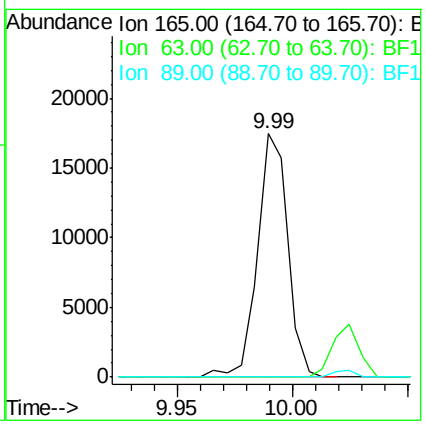


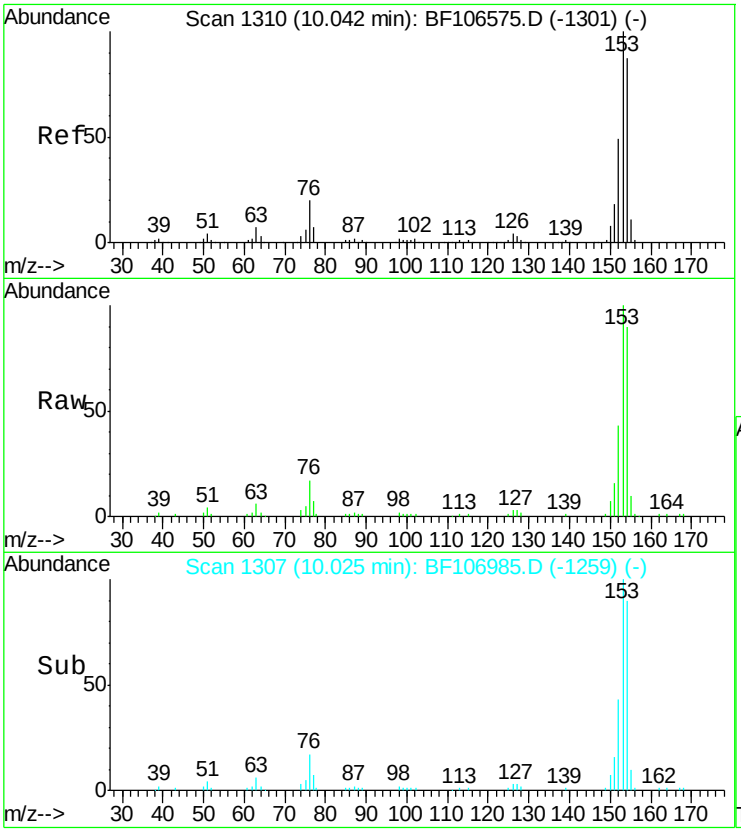


#50
2,6-Dinitrotoluene
Concen: 8.377 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:165 Resp: 15961

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



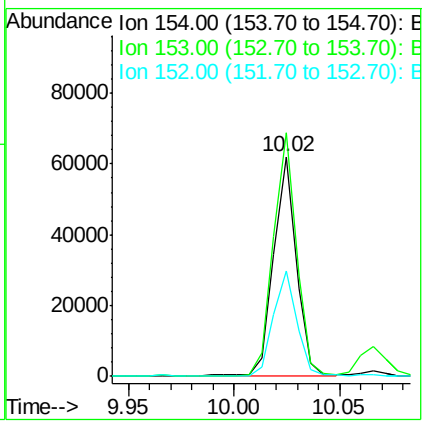


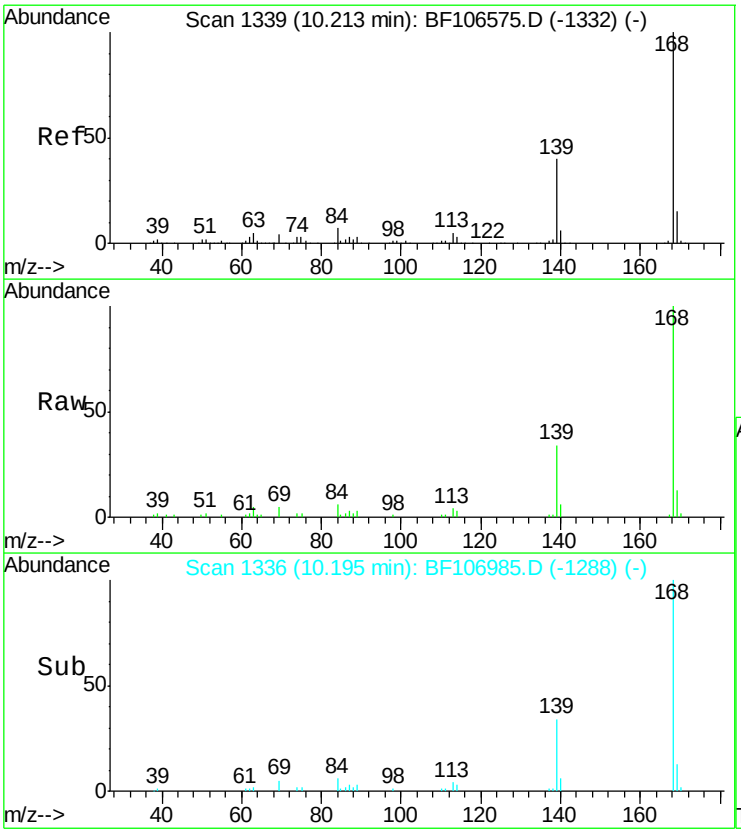
#51
Acenaphthene
Concen: 6.259 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:154 Resp: 46825

Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.2	136.8
152	47.9	43.8	65.8

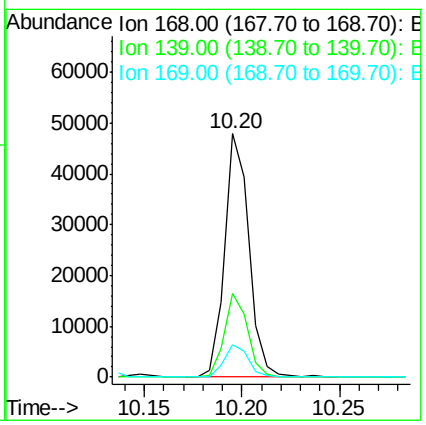


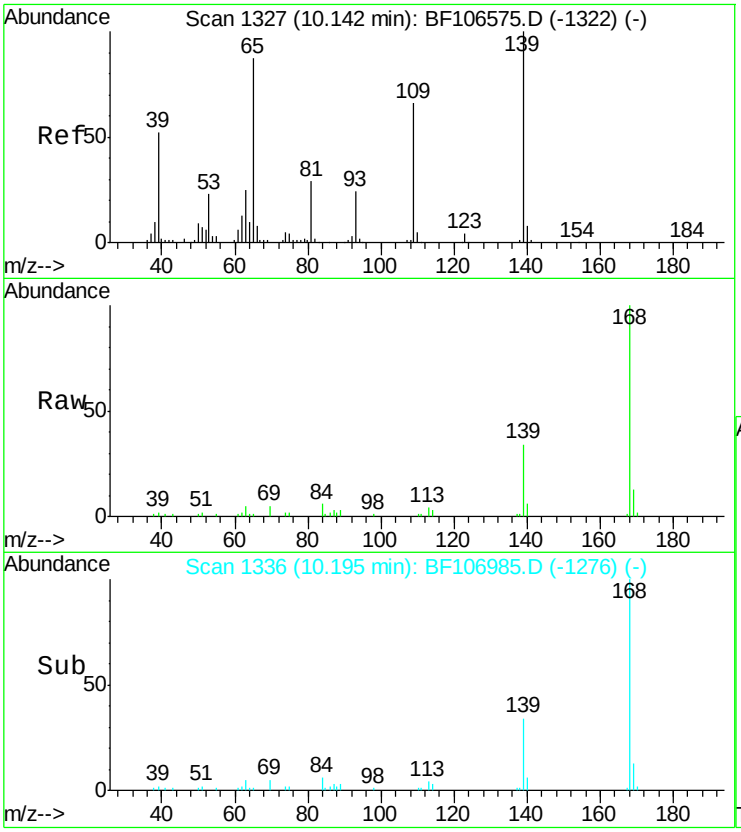


#54
Dibenzofuran
Concen: 4.025 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:168 Resp: 41234

Ion	Ratio	Lower	Upper
168	100		
139	34.2	30.1	45.1
169	13.1	10.9	16.3



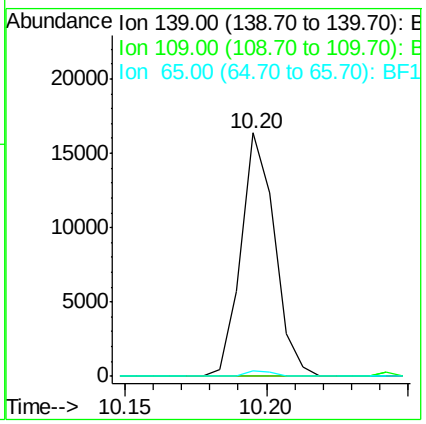


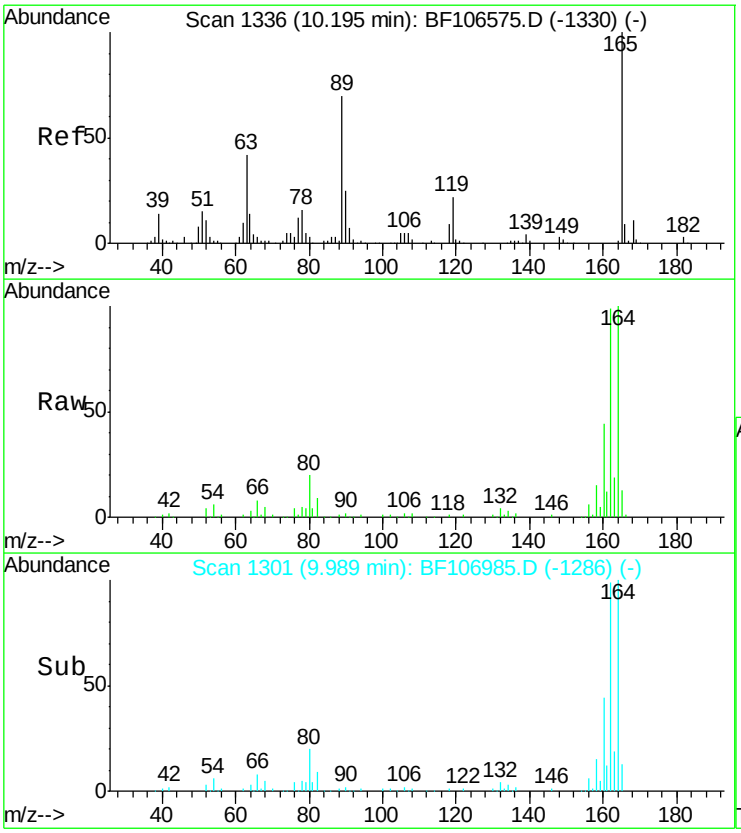
#55
4-Nitrophenol
Concen: 8.850 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:139 Resp: 13544

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.1	72.6	112.6#

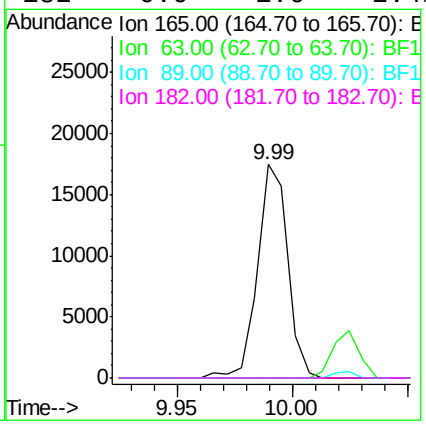


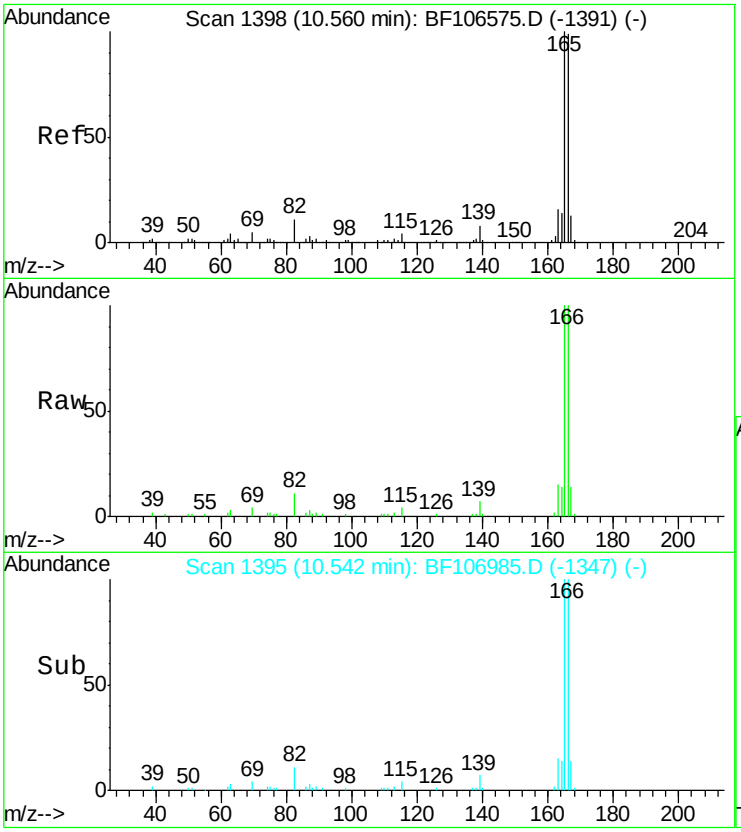


#56
2,4-Dinitrotoluene
Concen: 6.418 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:165 Resp: 15961

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



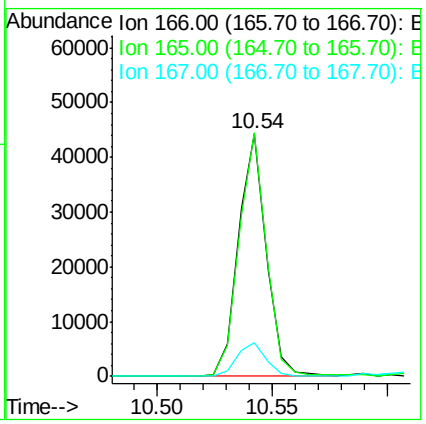


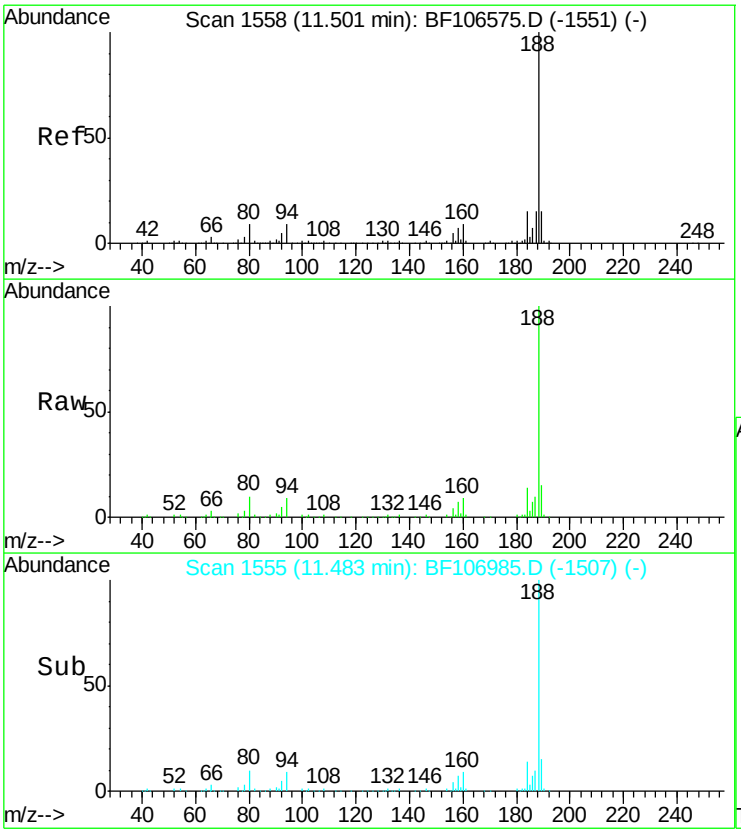
#57
Fluorene
Concen: 4.589 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:166 Resp: 37307

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.8	10.6	16.0

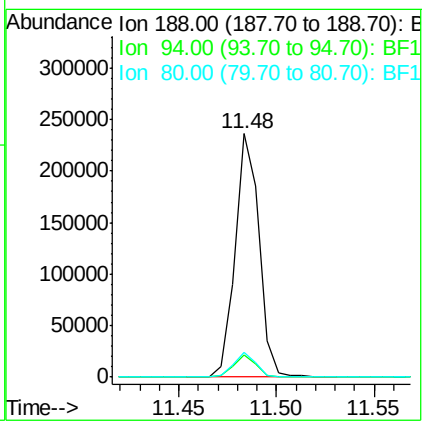


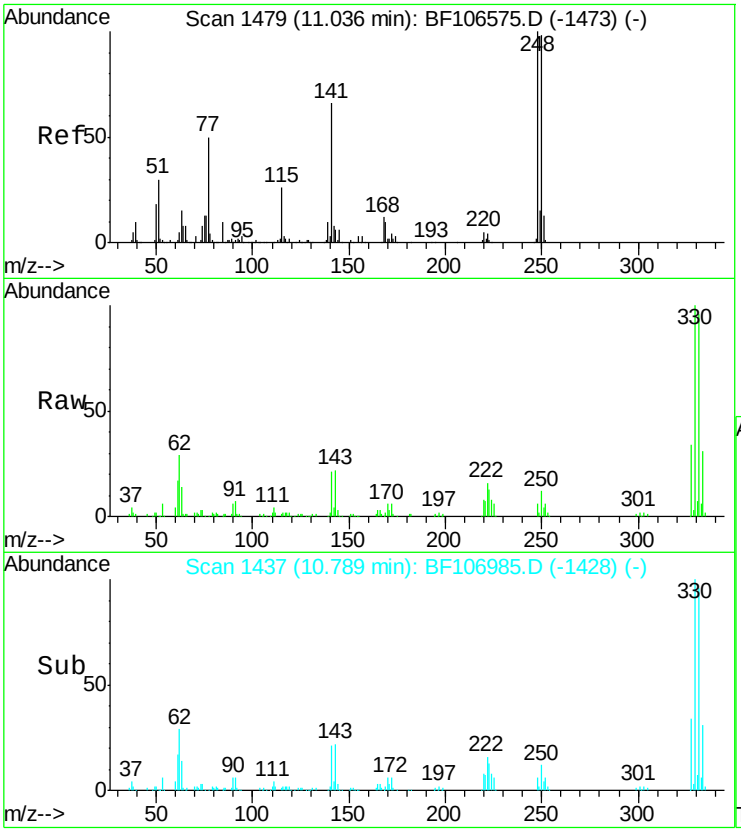


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:188 Resp: 200042

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8



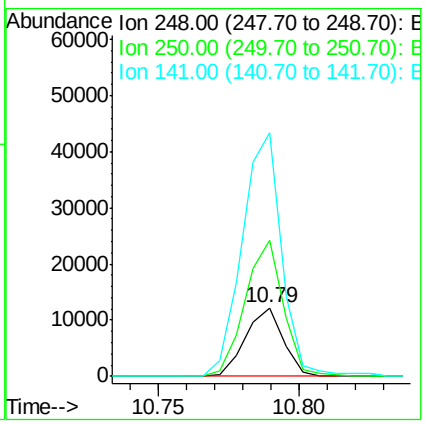


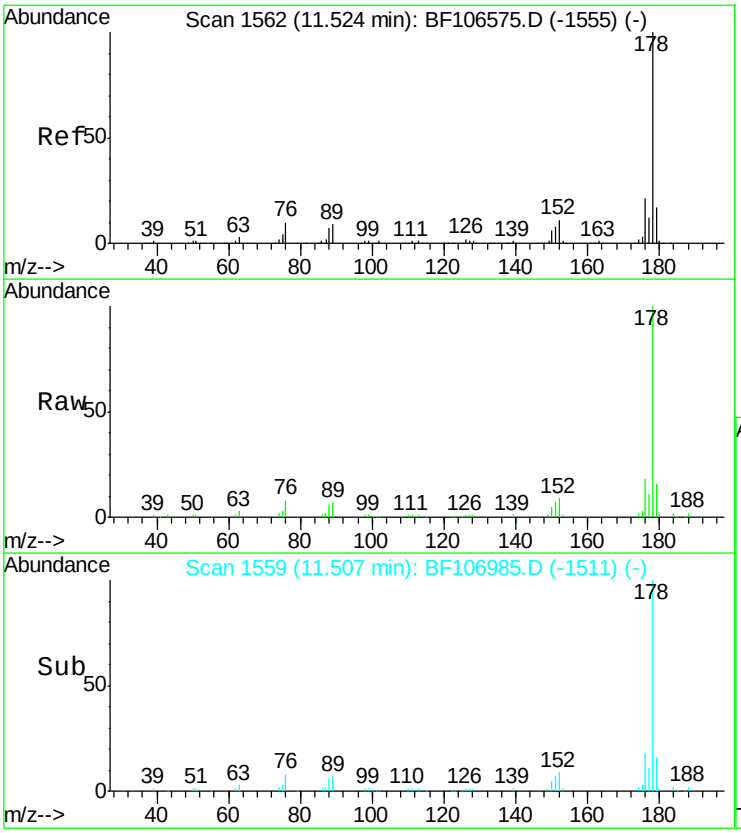
#66
4-Bromophenyl-phenylether
Concen: 4.705 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:248 Resp: 11232

Ion	Ratio	Lower	Upper
248	100		
250	198.9	76.9	115.3#
141	355.5	74.4	111.6#

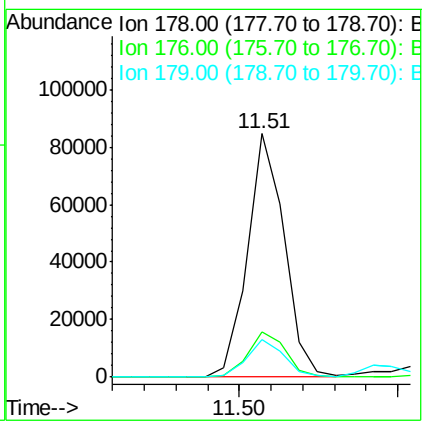


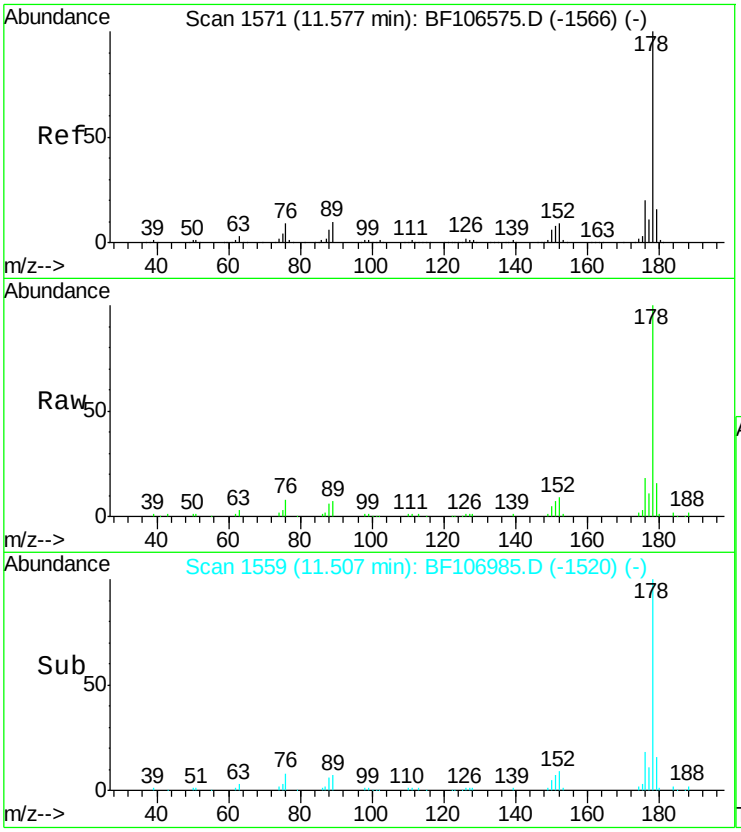


#70
Phenanthrene
Concen: 7.067 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:178 Resp: 68190

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.5	13.0	19.6



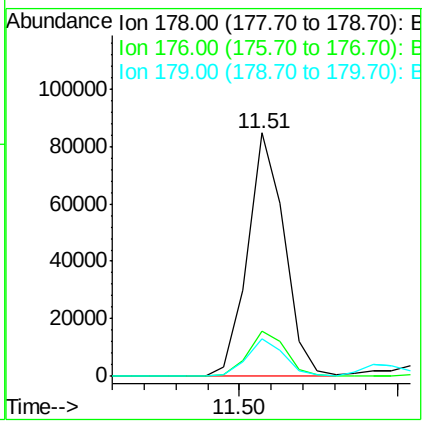


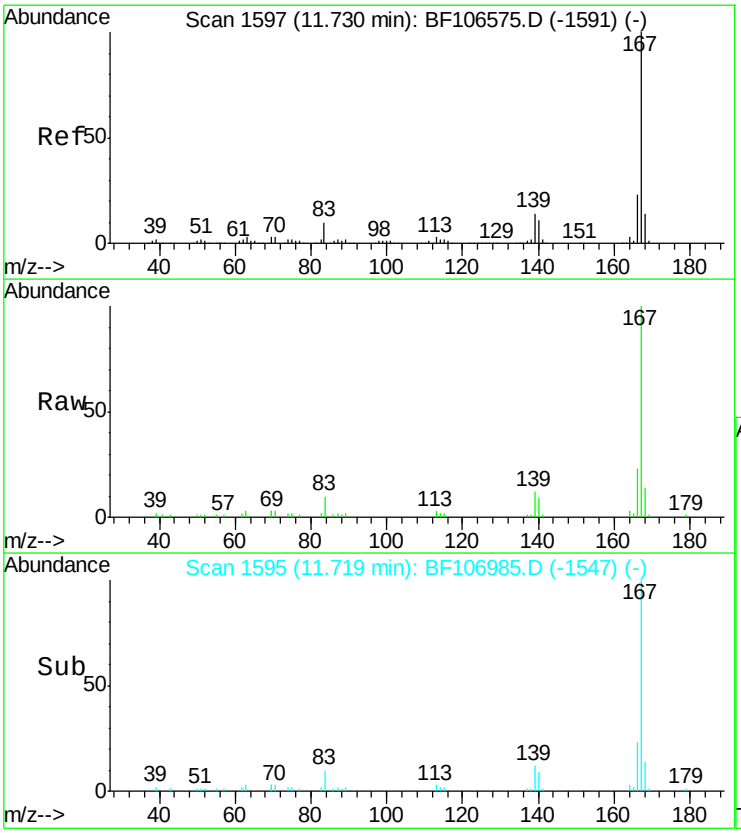
#71
Anthracene
Concen: 6.924 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.07 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:178 Resp: 68190

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.5	12.6	19.0

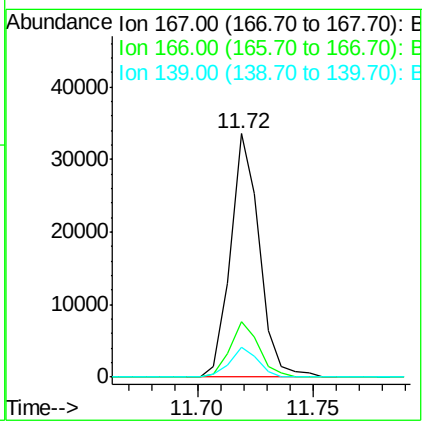


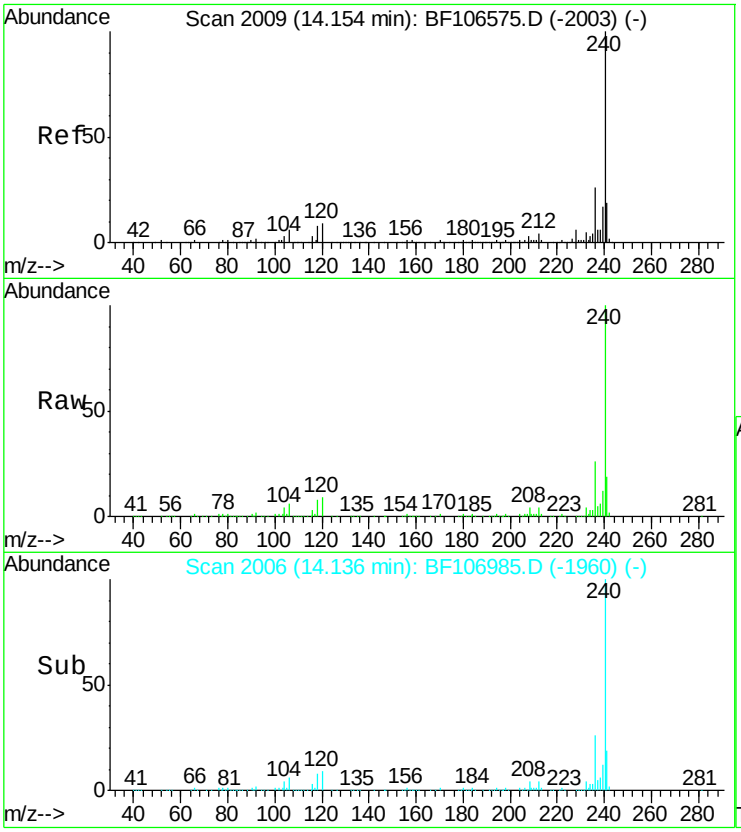


#72
Carbazole
Concen: 3.150 ng
RT: 11.72 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:167 Resp: 29044

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	12.2	10.9	16.3



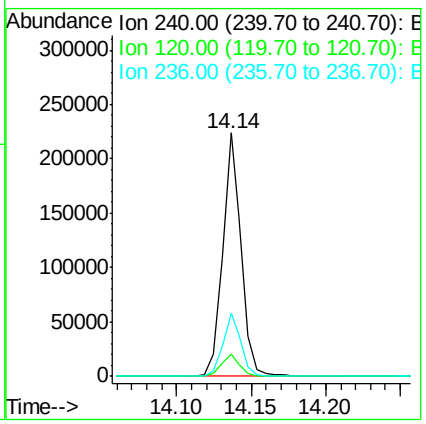


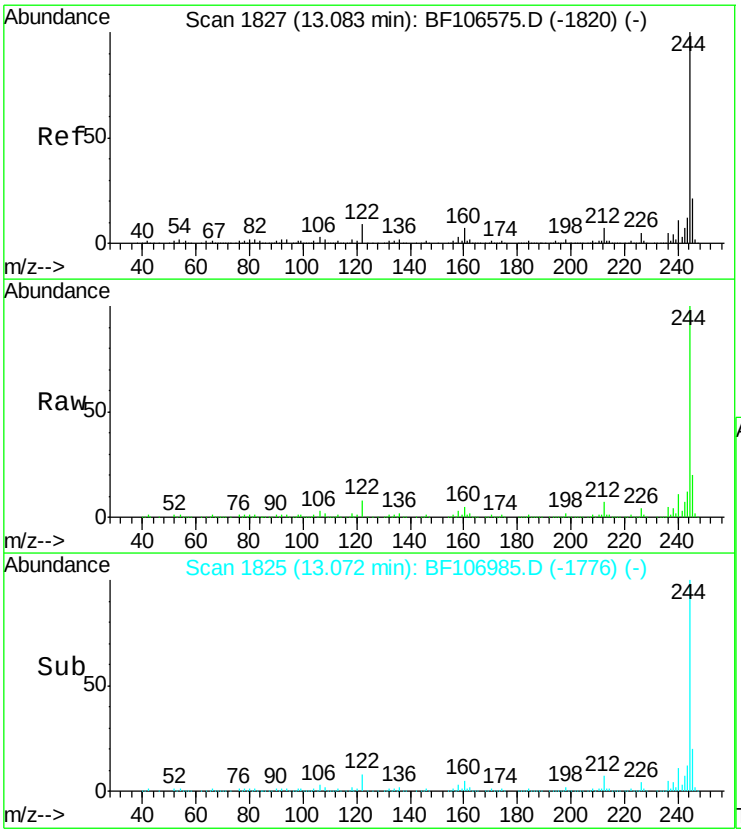
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:240 Resp: 195415

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.0	20.7	31.1

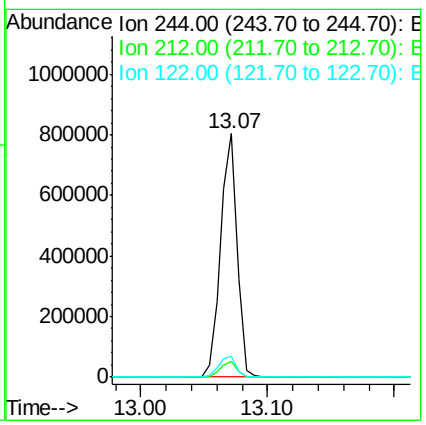


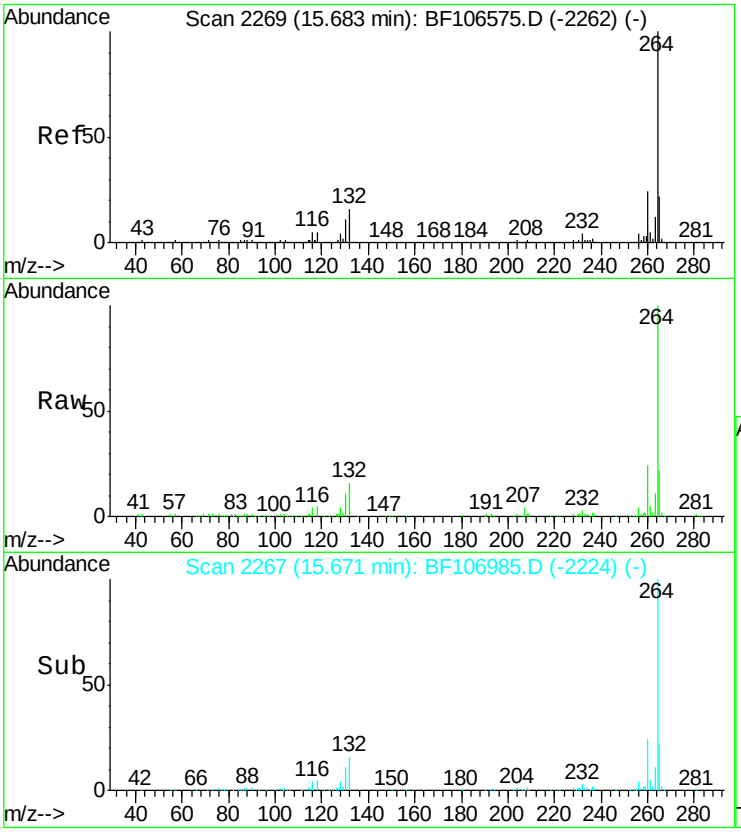


#78
Terphenyl-d14
Concen: 91.128 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Tgt Ion:244 Resp: 735160

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106985.D
Acq: 29 Jun 2018 20:40

Instrument :
BNA_F
ClientSampleId :
WC-02

Tgt Ion:264 Resp: 145165

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3