Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101692.D
Acq On : 23 Dec 2017 9:56
Operator : SJ/JU
Sample : I6839-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-41446854-01

Quant Time: Dec 24 22:34:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	162494	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	523817	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	279869	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	486346	20.00	ng		0.00
75) Chrysene-d12	13.96	240	327905	20.00	ng		0.00
86) Perylene-d12	15.43	264	297492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1260344	115.54	ng		0.02
7) Phenol-d6	6.44	99	1305100	96.13	ng		0.00
23) Nitrobenzene-d5	7.36	82	997946	106.05	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	348106	129.08	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1616297	89.59	ng		0.00
78) Terphenyl-d14	12.90	244	1383048	101.68	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.46	93	43637	2.313	ng	#	1
10) Phenol	6.46	94	1871769	120.964	ng		97
17) 2-Methylphenol	7.05	107	423270	40.099	ng		99
18) Hexachloroethane	7.22	117	82641	17.972	ng	#	3
19) n-Nitroso-di-n-propylamine	7.36	70	133116	14.930	ng	#	81
20) 3+4-Methylphenols	7.22	107	1389939	124.262	ng		85
24) Nitrobenzene	7.47	77	69330	6.657	ng	#	51
25) Isophorone	7.36	82	989850	52.436	ng	#	64
27) 2,4-Dimethylphenol	7.73	122	332943	43.801	ng		99
31) Naphthalene	8.11	128	6107369	231.595	ng		98
32) Benzoic acid	7.87	122	327642	61.323	ng	#	14
33) 4-Chloroaniline	8.10	127	871746	76.057	ng	#	34
35) Caprolactam	8.78	113	7484	2.870	ng	#	1
37) 2-Methylnaphthalene	8.78	142	335102	19.504	ng		98
45) 1,1'-Biphenyl	9.25	154	78965	3.181	ng		97
48) Acenaphthylene	9.69	152	262889	8.764	ng		99
50) 2,6-Dinitrotoluene	9.82	165	36430	7.962	ng	#	27
51) Acenaphthene	9.86	154	56562	3.139	ng		98
54) Dibenzofuran	10.03	168	214951	9.385	ng		99
56) 2,4-Dinitrotoluene	9.82	165	36430	7.067	ng	#	25
57) Fluorene	10.37	166	174077	8.985	ng		98
66) 4-Bromophenyl-phenylether	10.62	248	21722	3.975	ng	#	1
70) Phenanthrene	11.34	178	241731	8.938	ng		99
71) Anthracene	11.34	178	241731	8.750	ng		99
72) Carbazole	11.55	167	695304	26.881	ng		99

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

Quantitation Report (Not Reviewed)

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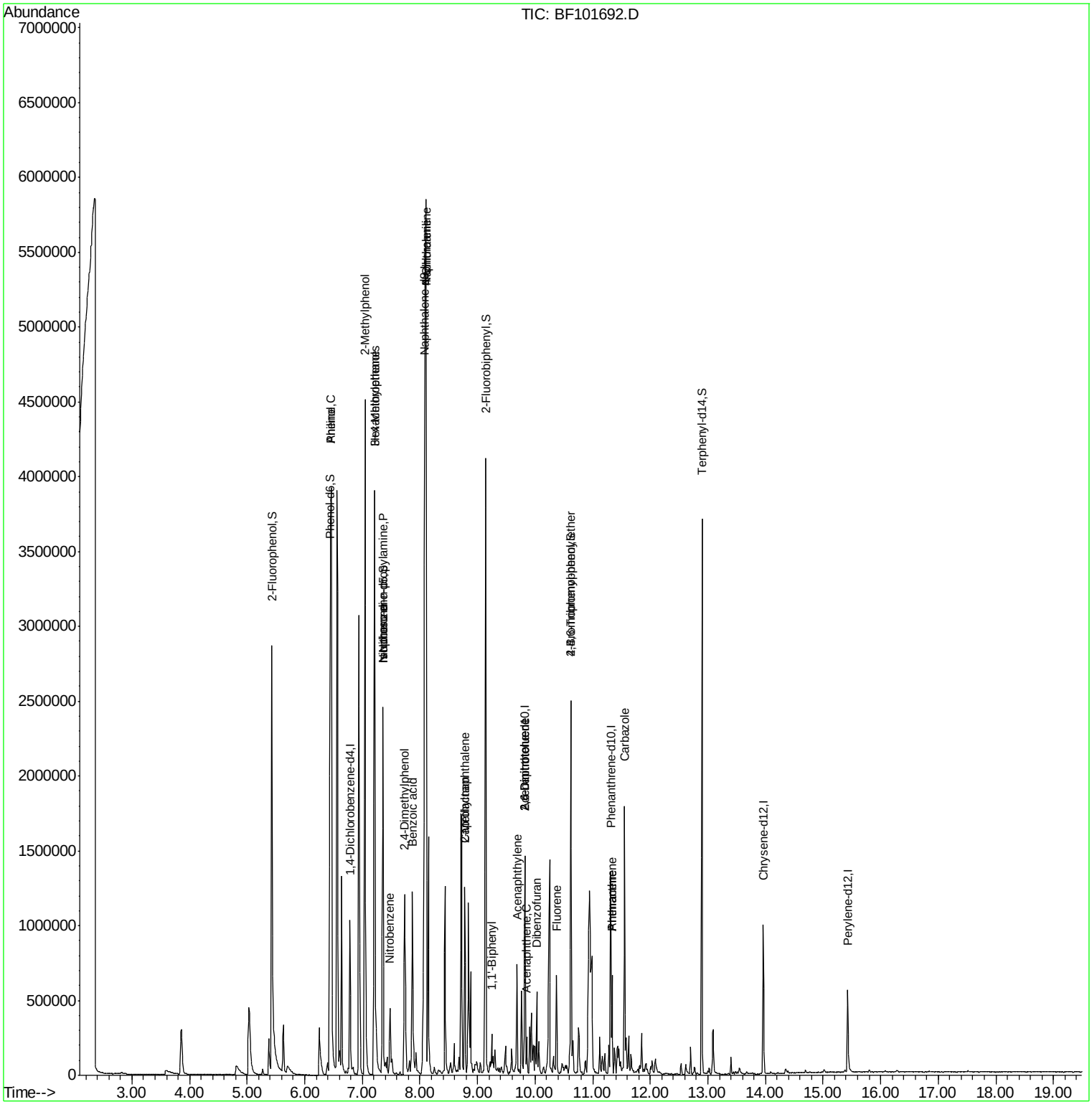
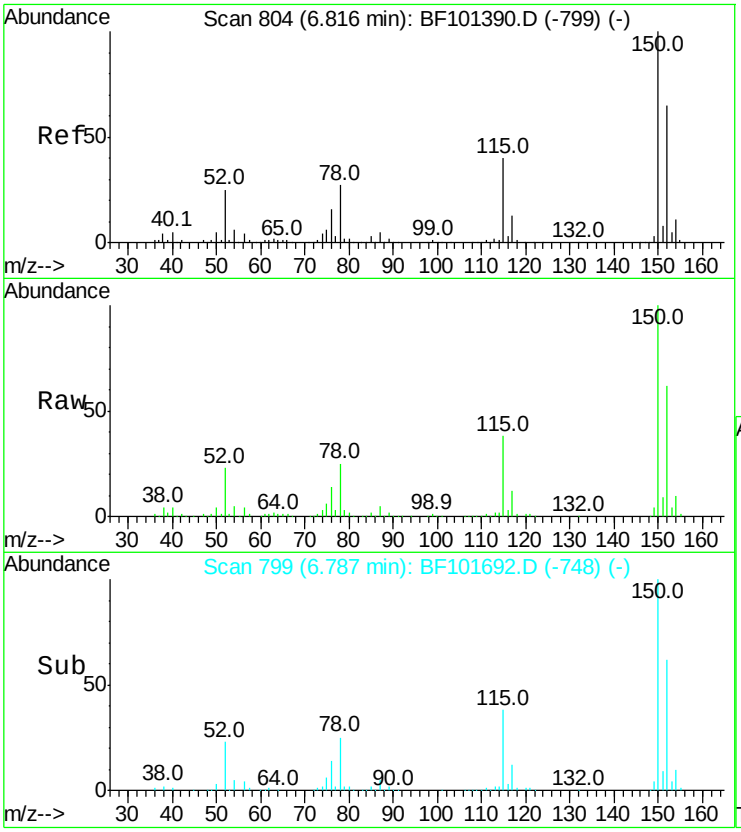


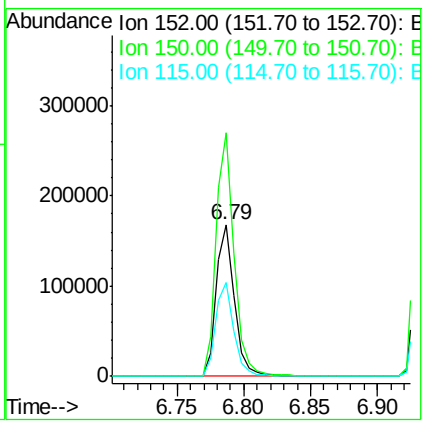


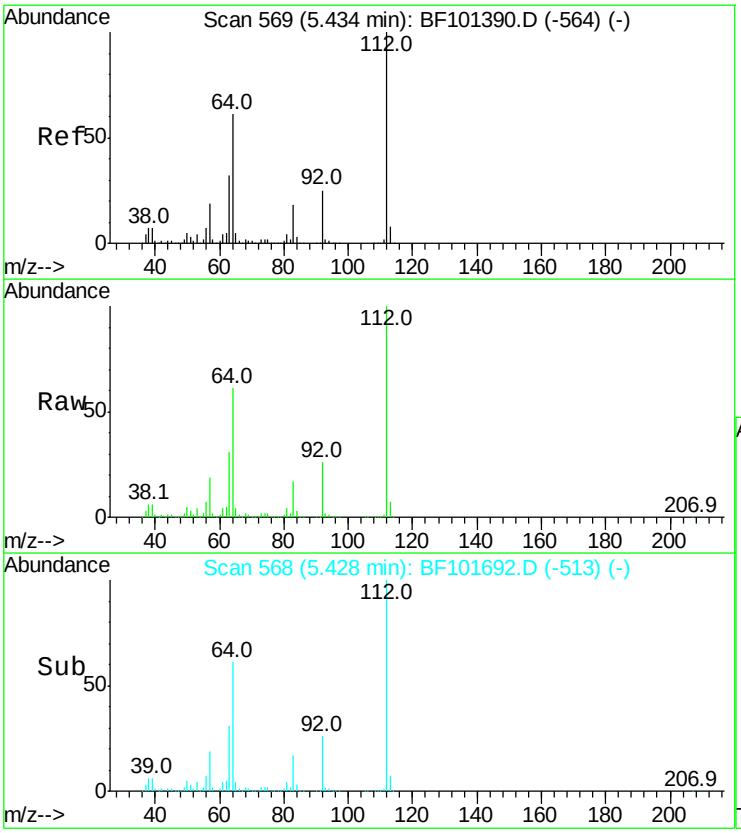
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:152 Resp: 162494

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	61.6	50.1	75.1

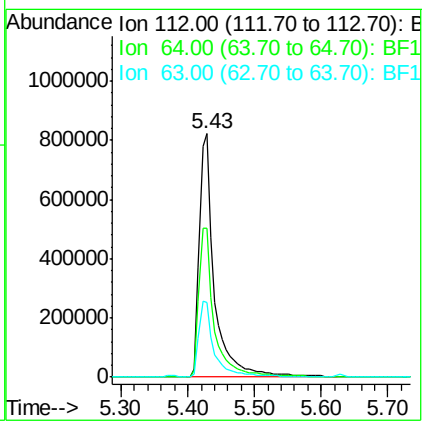


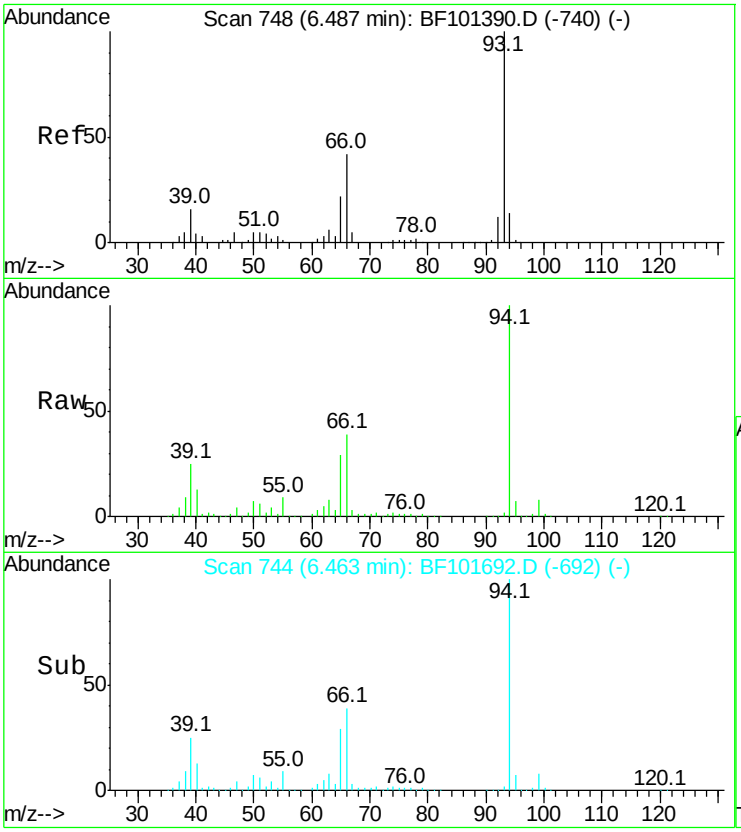


#5
2-Fluorophenol
Concen: 115.535 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:112 Resp: 1260344

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	30.8	23.7	35.5



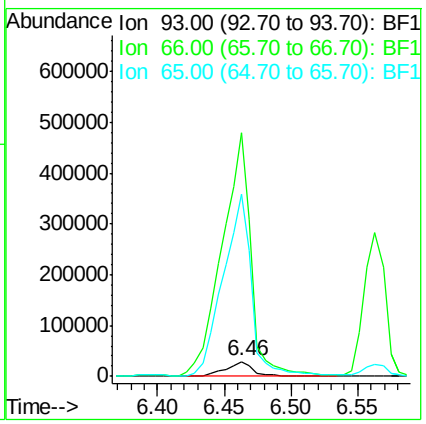


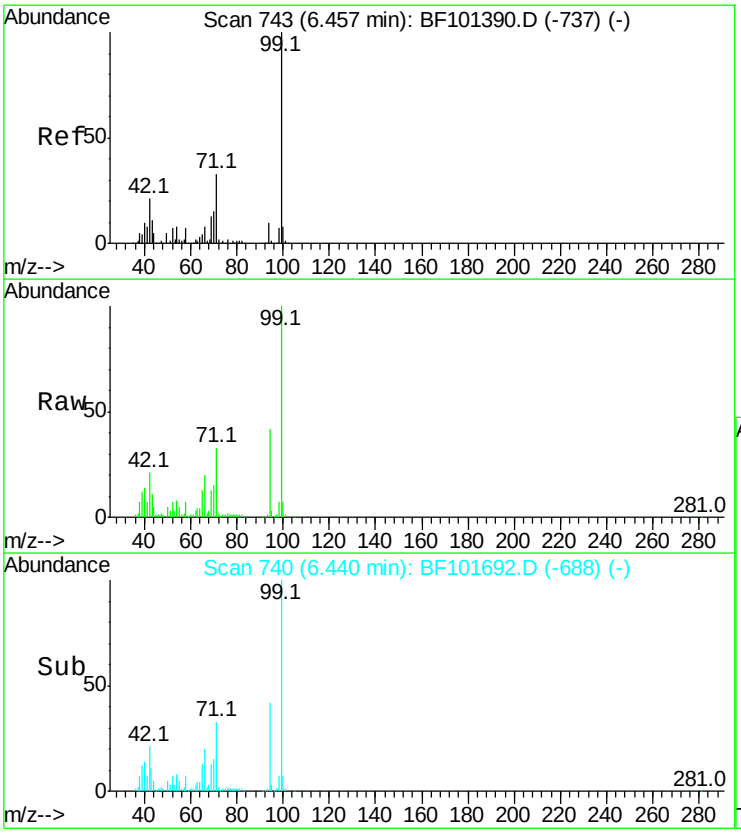
#6
Aniline
Concen: 2.313 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion: 93 Resp: 43637

Ion	Ratio	Lower	Upper
93	100		
66	1638.9	32.2	48.2#
65	1228.4	16.4	24.6#

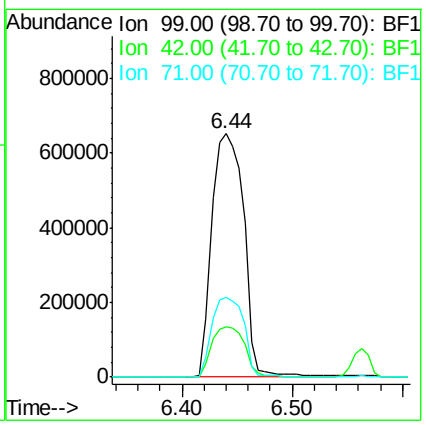


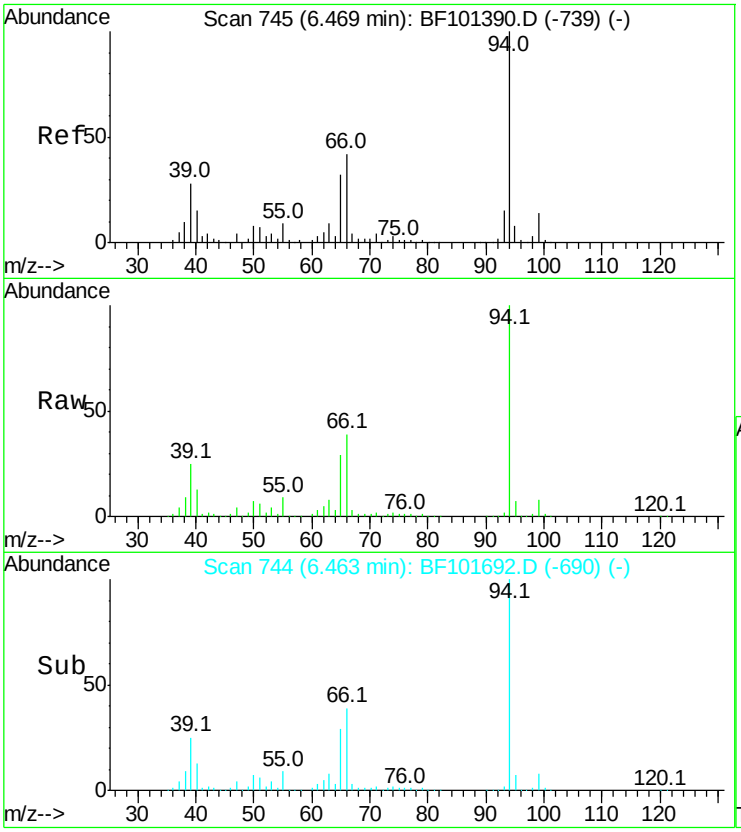


#7
Phenol-d6
Concen: 96.131 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion: 99 Resp: 1305100

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	32.8	25.4	38.0



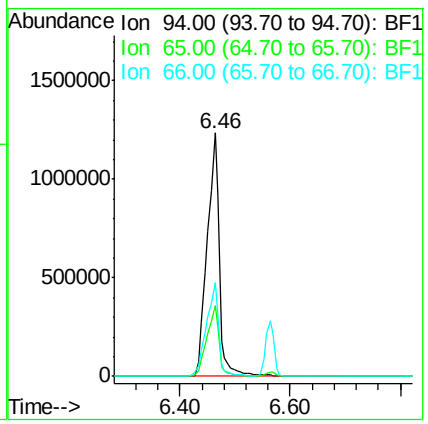


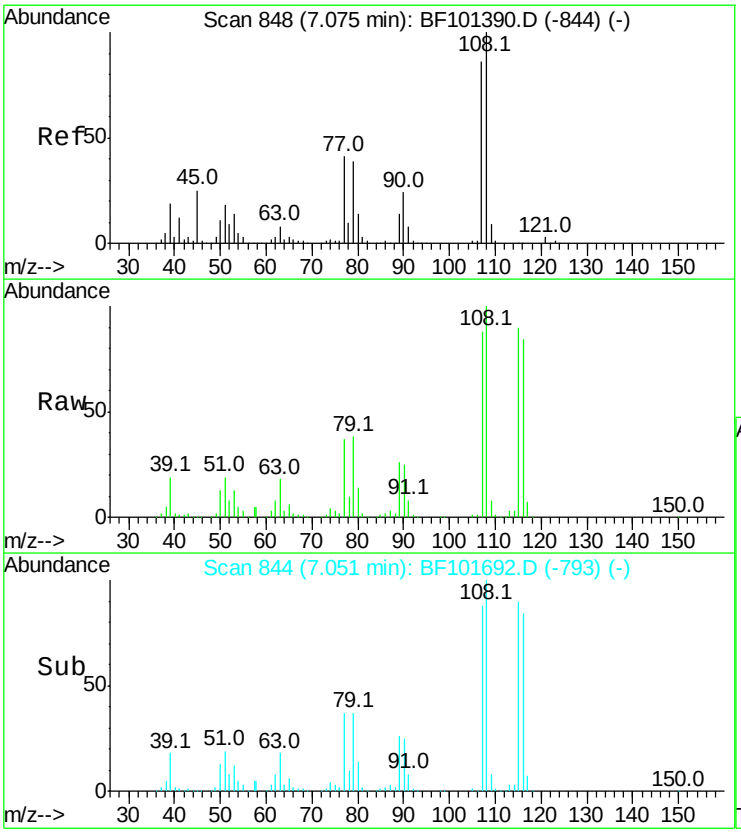
#10
Phenol
Concen: 120.964 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.02 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion: 94 Resp: 1871769

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	38.8	16.2	56.2

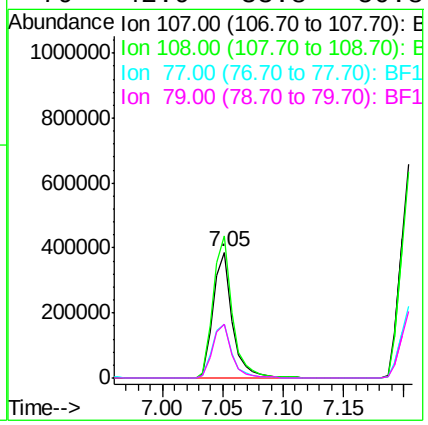


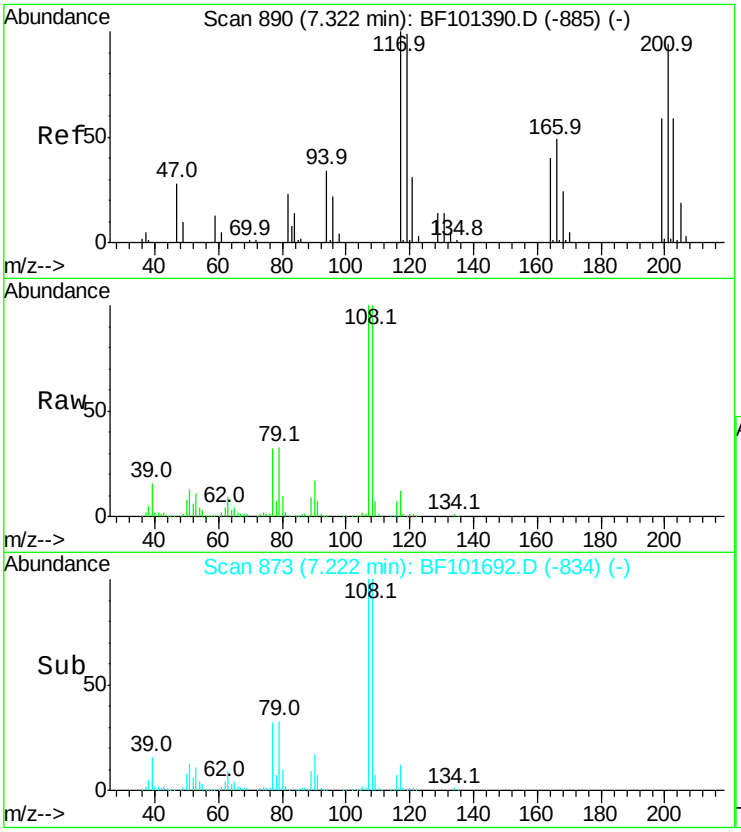


#17
2-Methylphenol
Concen: 40.099 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:107 Resp: 423270

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	42.4	33.8	50.8
79	42.9	33.8	50.8



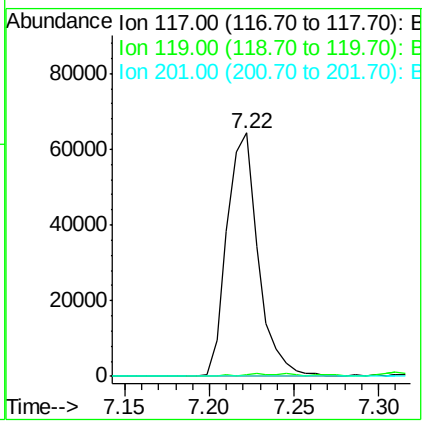


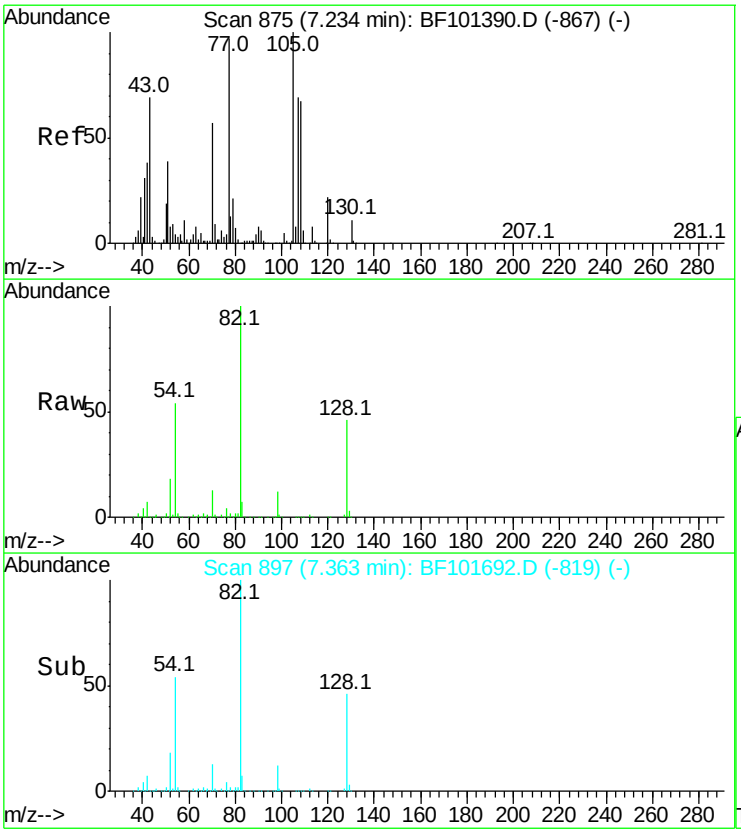
#18
Hexachloroethane
Concen: 17.972 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.07 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:117 Resp: 82641

Ion	Ratio	Lower	Upper
117	100		
119	0.9	75.8	113.8#
201	0.0	75.7	113.5#

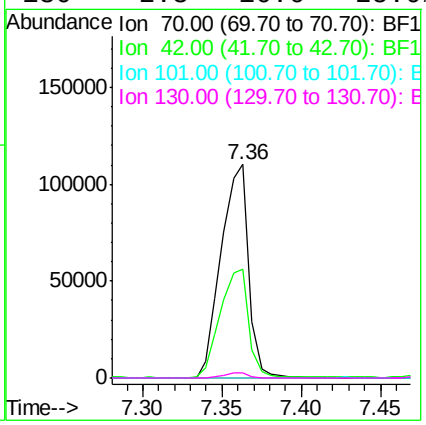


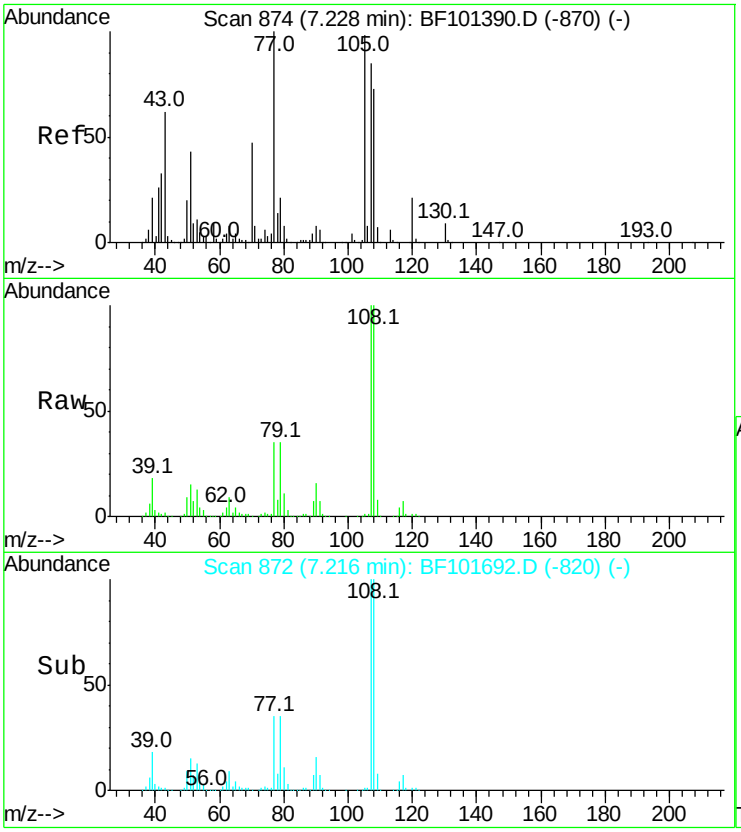


#19
n-Nitroso-di-n-propylamine
Concen: 14.930 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion: 70 Resp: 133116

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



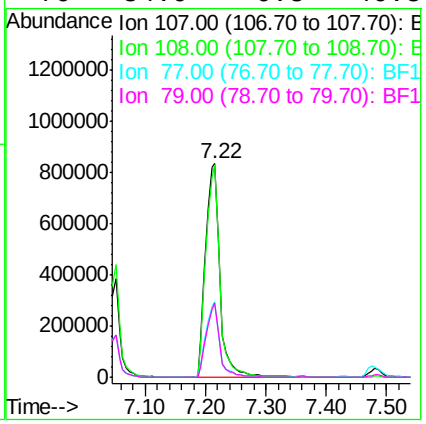


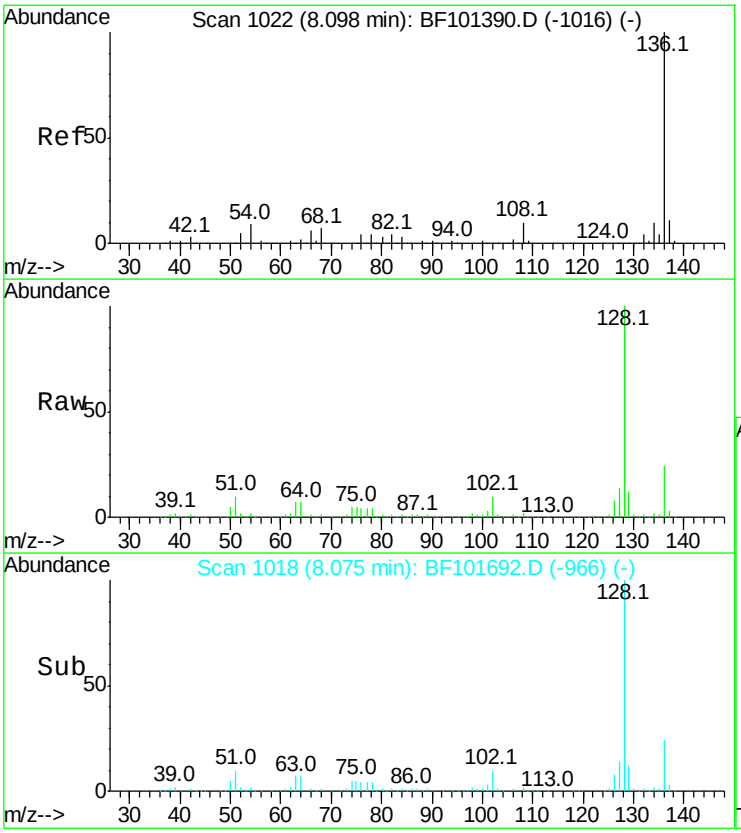
#20
3+4-Methylphenols
Concen: 124.262 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:107 Resp: 1389939

Ion	Ratio	Lower	Upper
107	100		
108	99.6	68.2	108.2
77	35.1	26.7	66.7
79	34.9	6.3	46.3

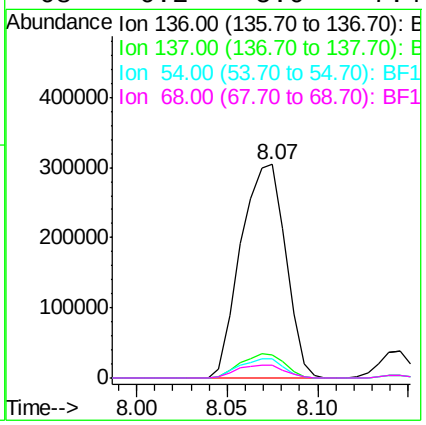


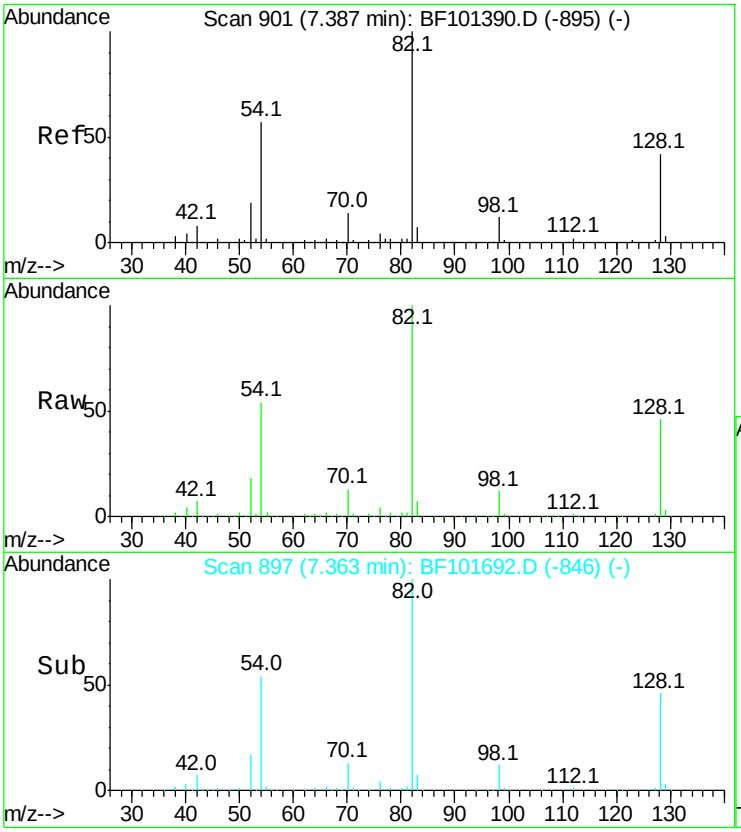


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:136 Resp: 523817

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	6.6	9.8
68	6.2	5.0	7.4



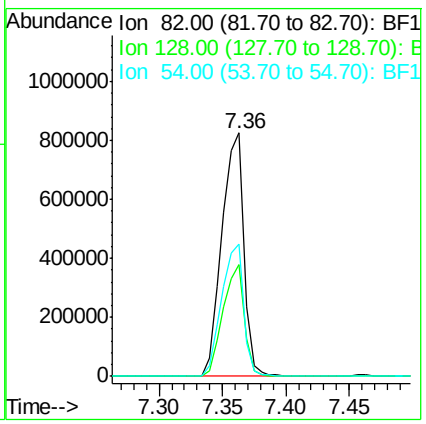


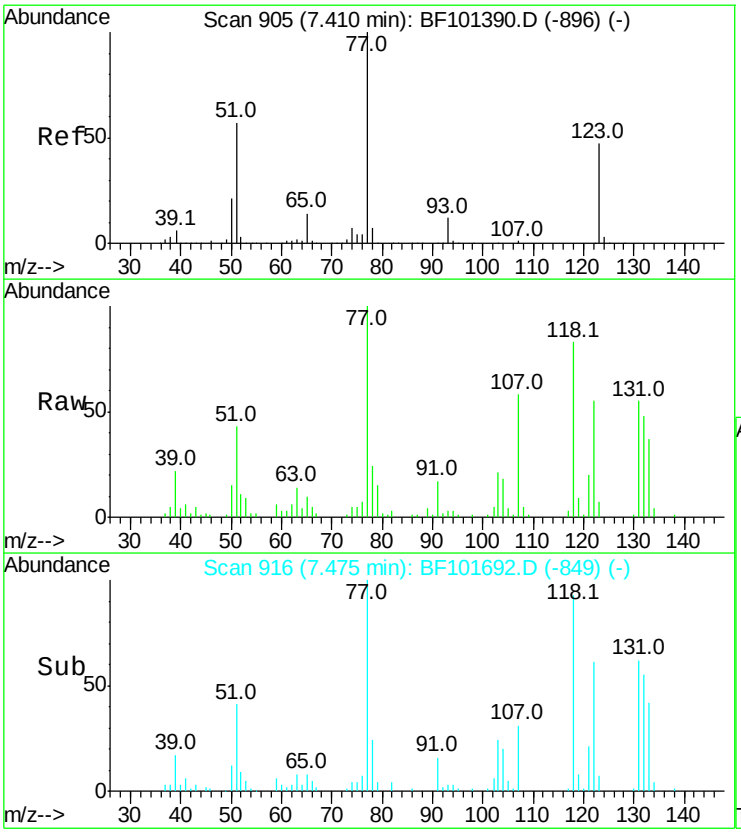
#23
Nitrobenzene-d5
Concen: 106.051 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion: 82 Resp: 997946

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.4	41.4	62.2

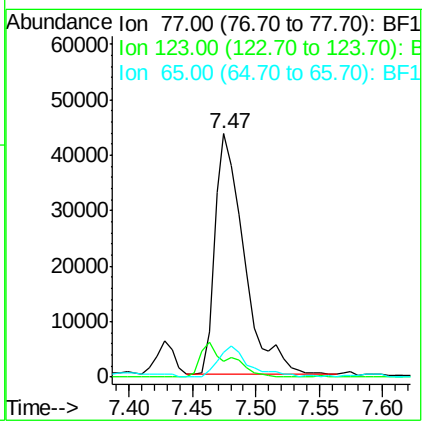


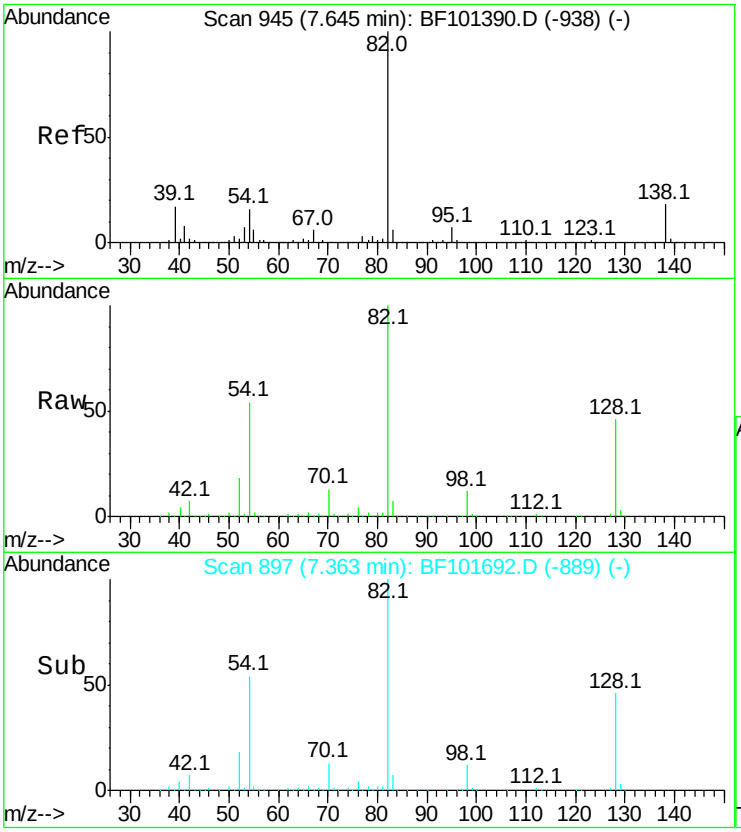


#24
Nitrobenzene
Concen: 6.657 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.09 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion: 77 Resp: 69330

Ion	Ratio	Lower	Upper
77	100		
123	6.5	37.9	56.9#
65	10.1	11.0	16.4#



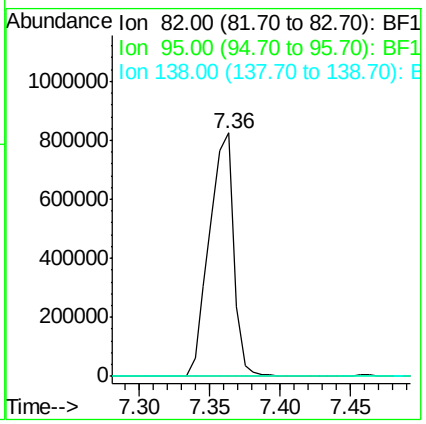


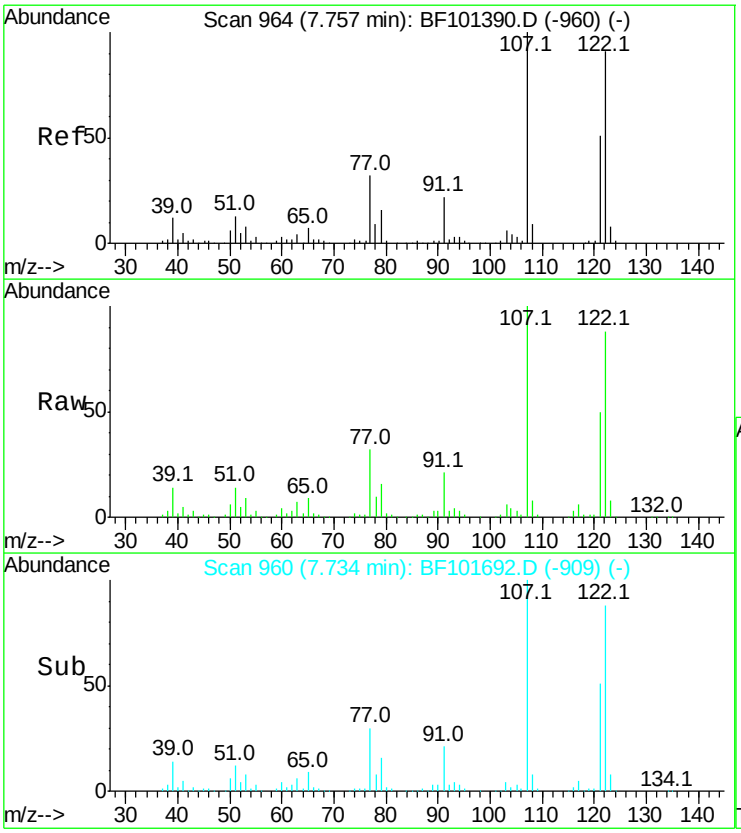
#25
Isophorone
Concen: 52.436 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion: 82 Resp: 989850

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

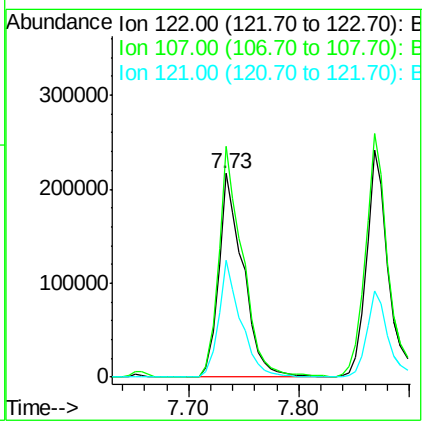


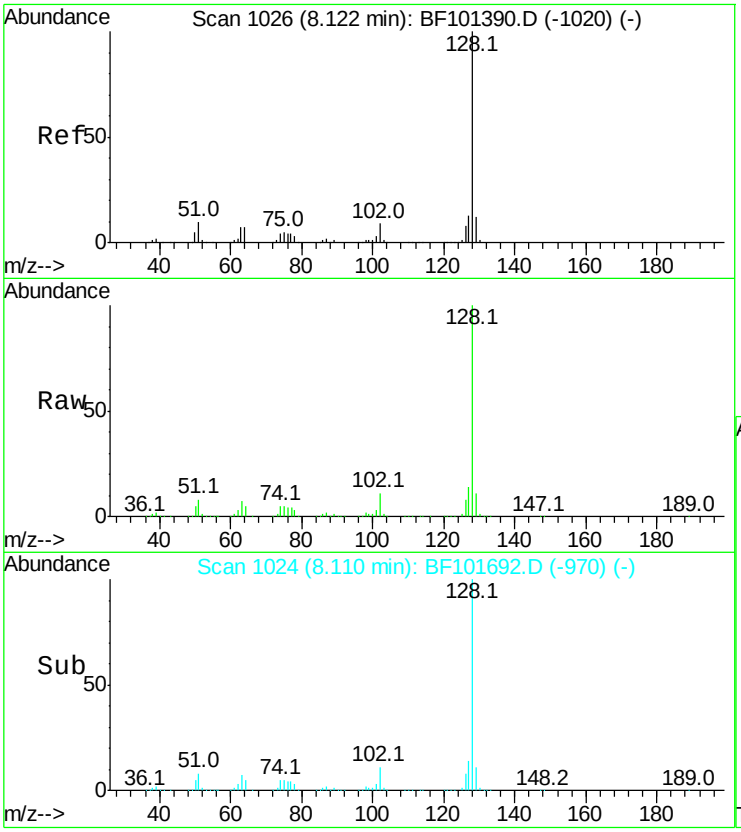


#27
2,4-Dimethylphenol
Concen: 43.801 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:122 Resp: 332943

Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.2	136.8
121	57.3	47.2	70.8



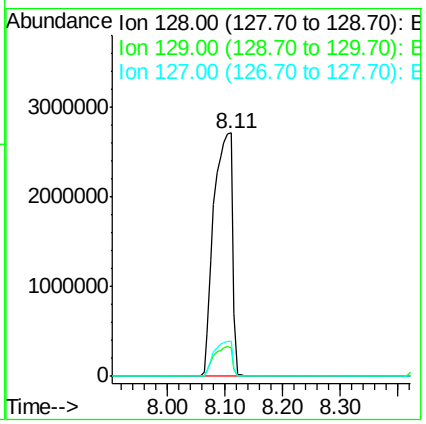


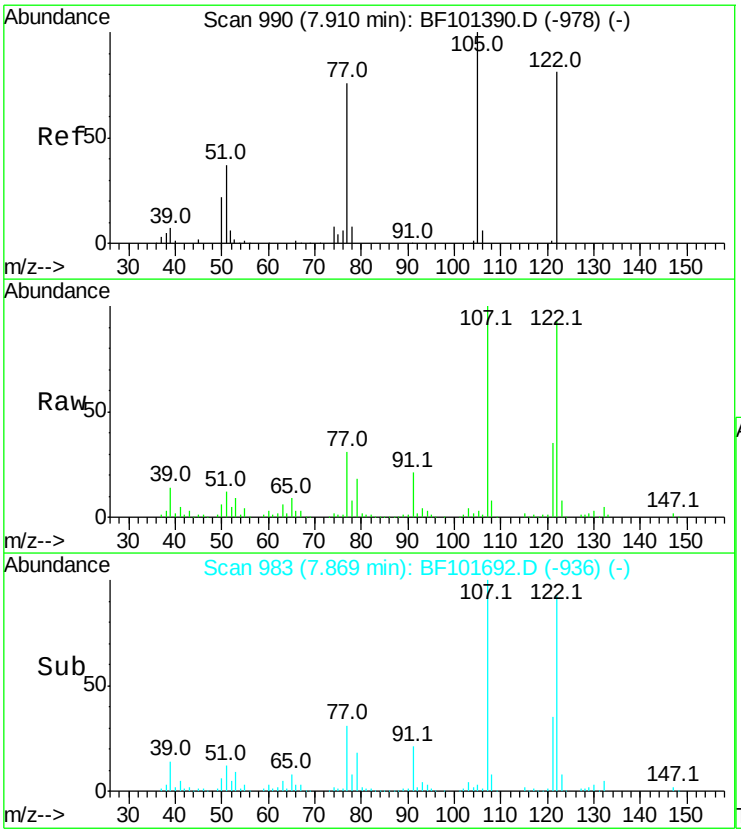
#31
Naphthalene
Concen: 231.595 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:128 Resp: 6107369

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.4	10.9	16.3

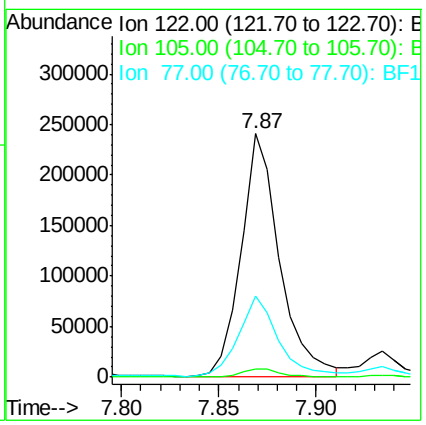


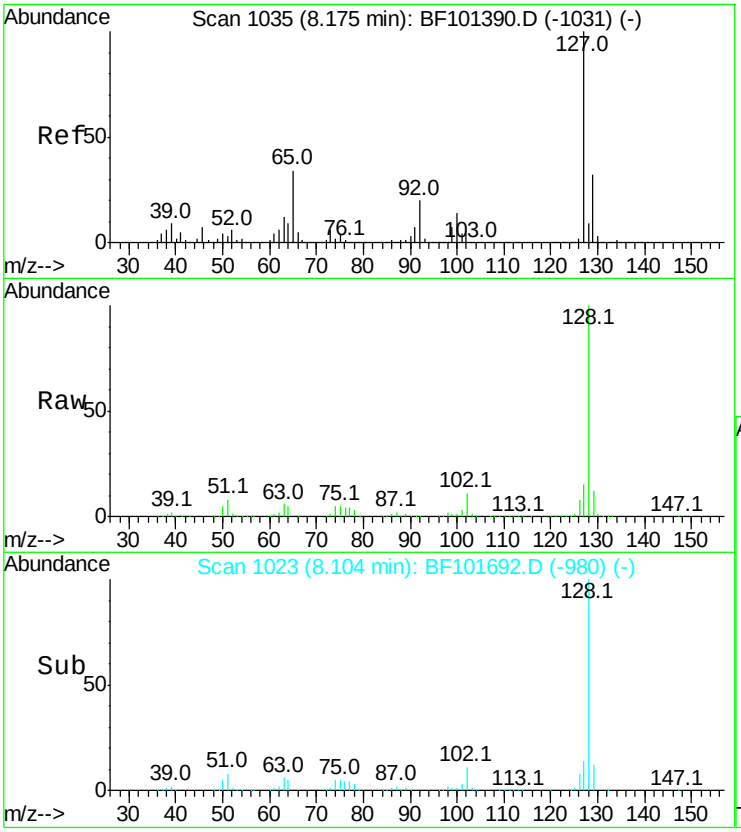


#32
Benzoic acid
Concen: 61.323 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:122 Resp: 327642

Ion	Ratio	Lower	Upper
122	100		
105	3.4	101.1	141.1#
77	33.2	70.7	110.7#



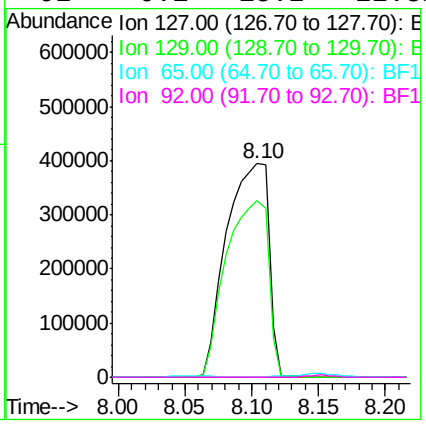


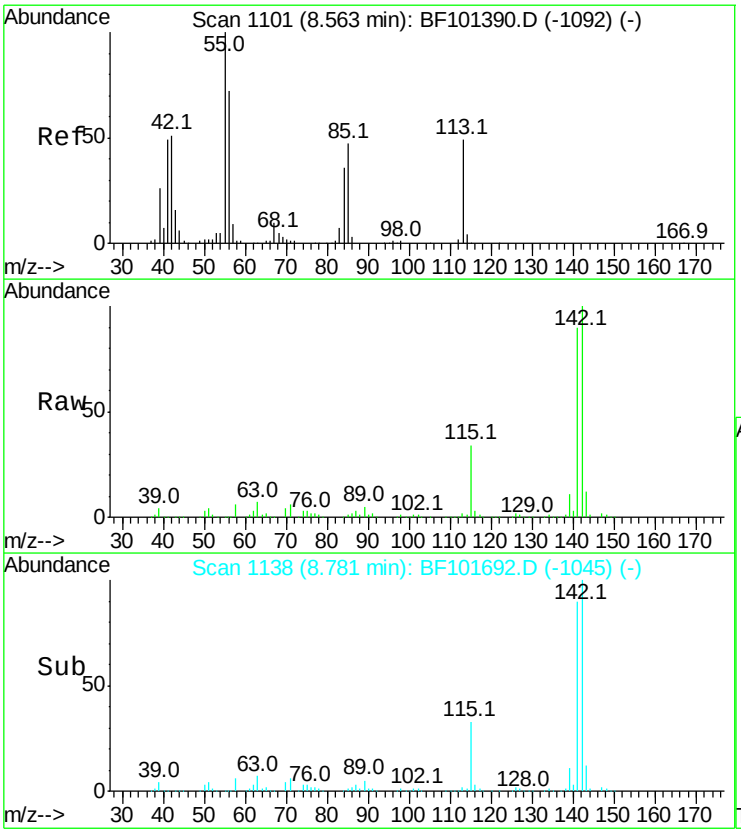
#33
4-Chloroaniline
Concen: 76.057 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:127 Resp: 871746

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.1	15.2	22.8#

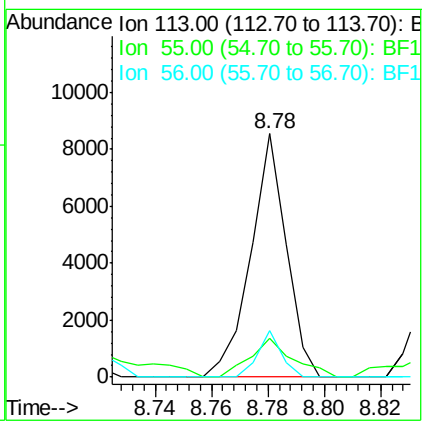


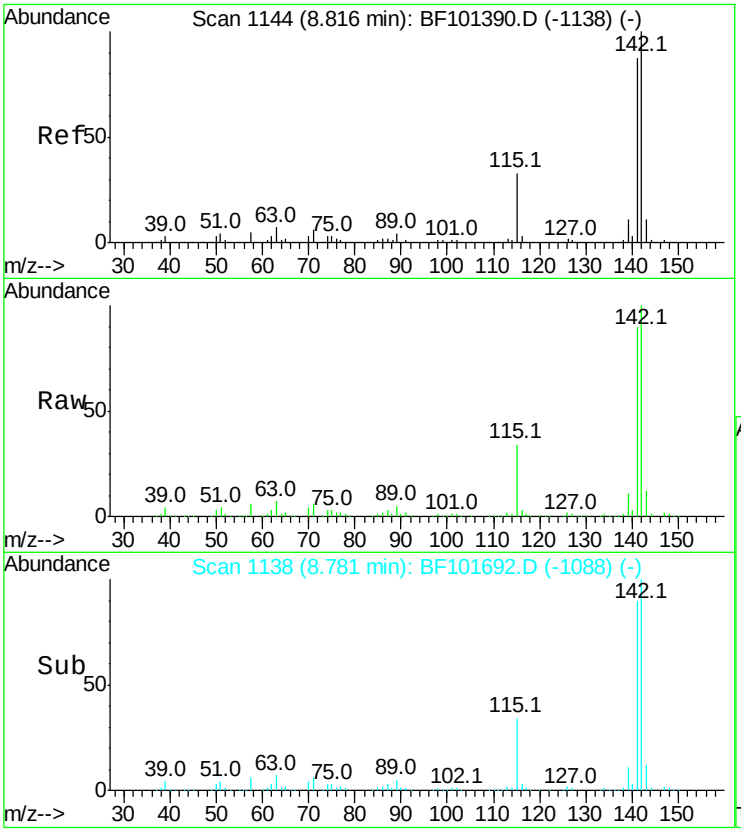


#35
Caprolactam
Concen: 2.870 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.25 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:113 Resp: 7484

Ion	Ratio	Lower	Upper
113	100		
55	16.0	163.3	203.3#
56	19.3	115.7	155.7#

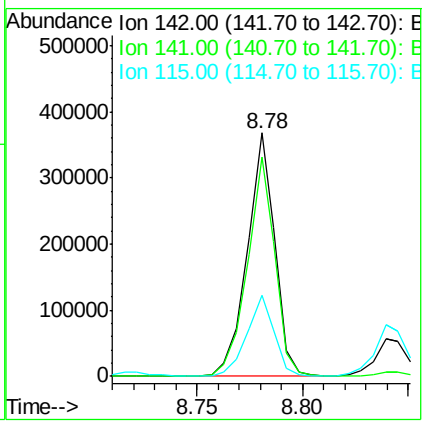




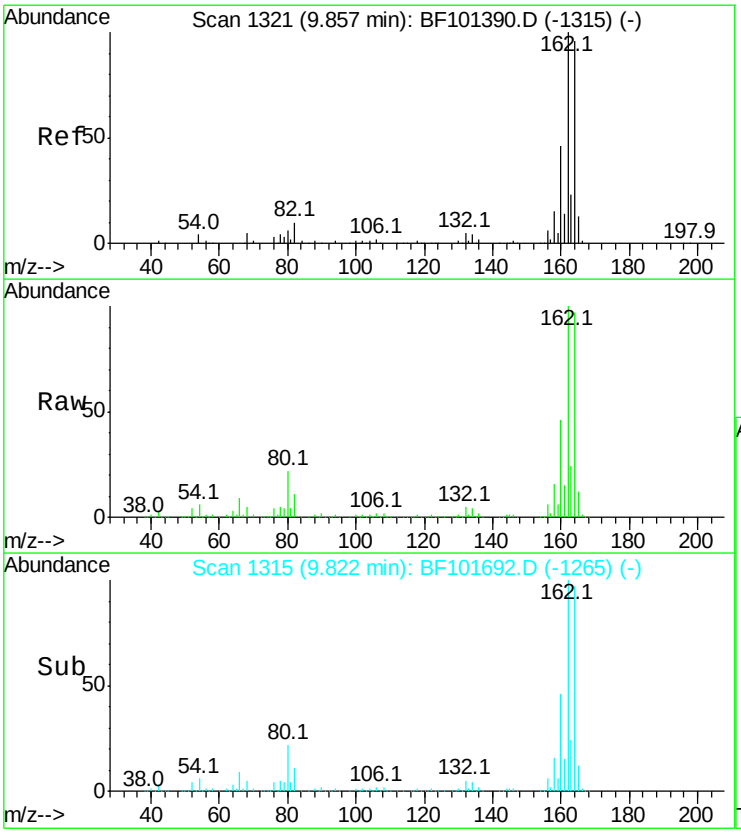
#37
2-Methylnaphthalene
Concen: 19.504 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:142 Resp: 335102

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	33.5	26.1	39.1



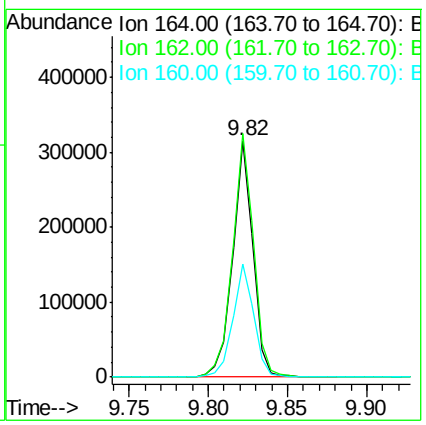
Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

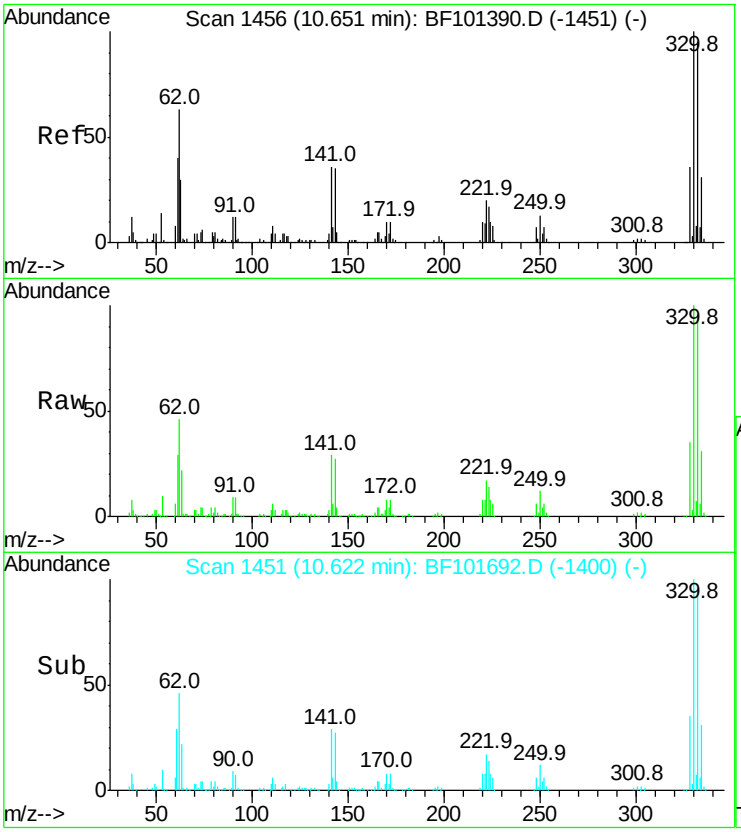


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:164 Resp: 279869

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.7	38.3	57.5



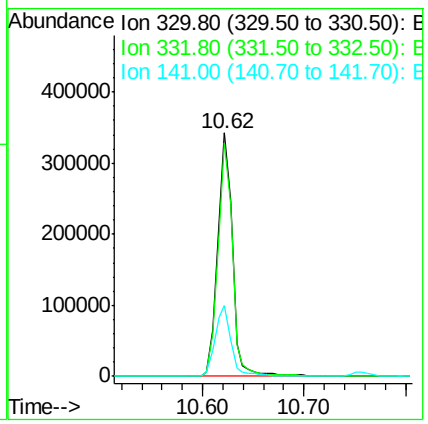


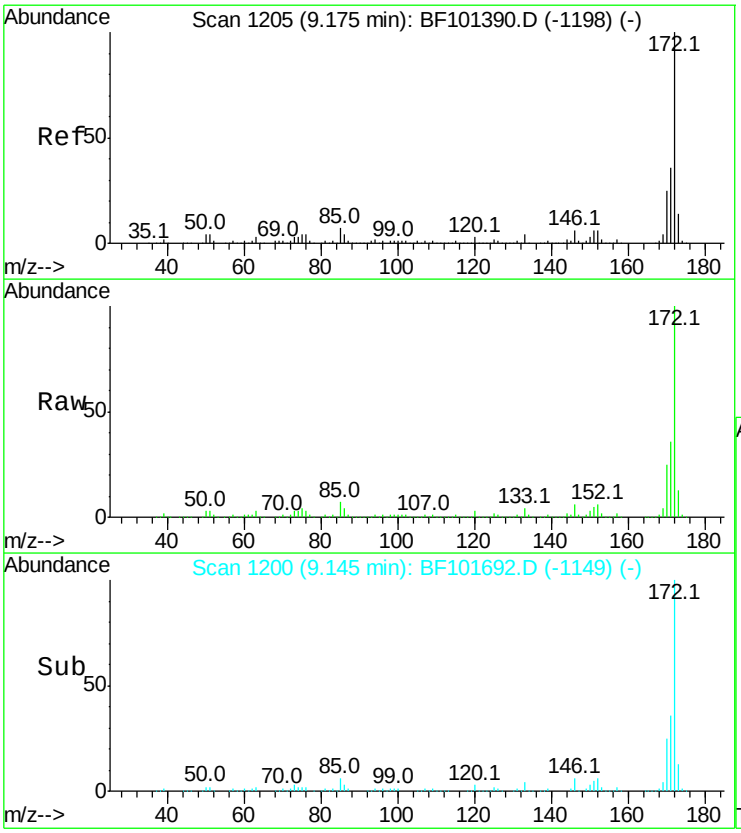
#41
2,4,6-Tribromophenol
Concen: 129.083 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:330 Resp: 348106

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.7	29.9	44.9

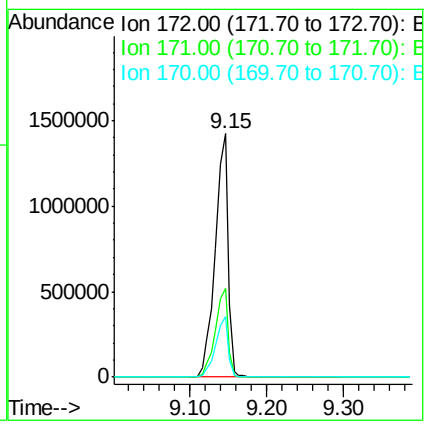


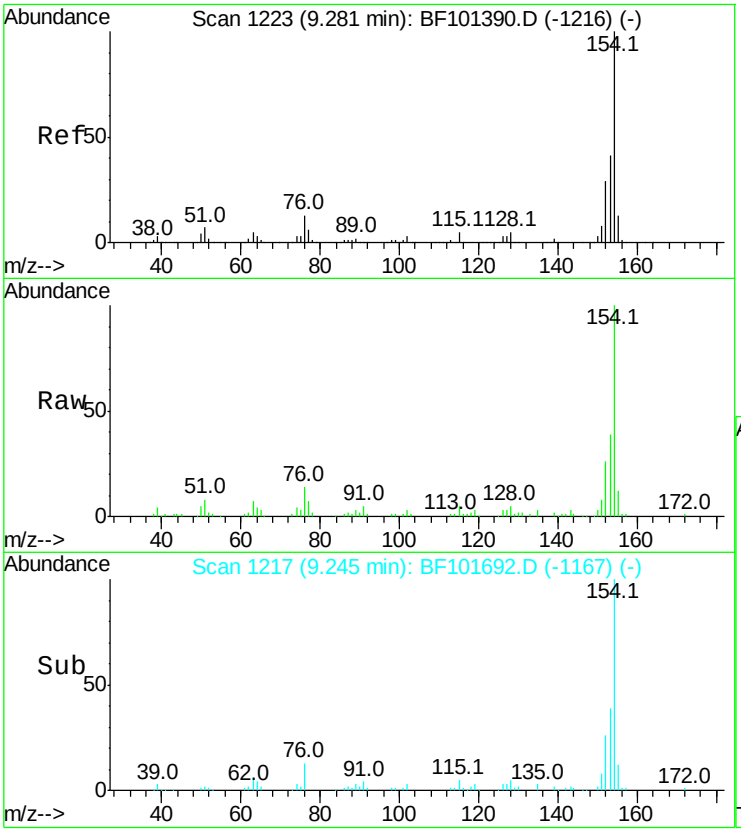


#44
2-Fluorobiphenyl
Concen: 89.587 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:172 Resp: 1616297

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4



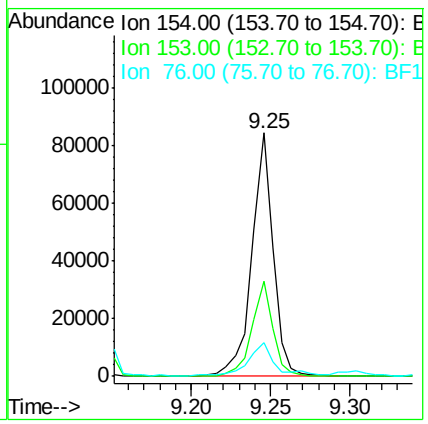


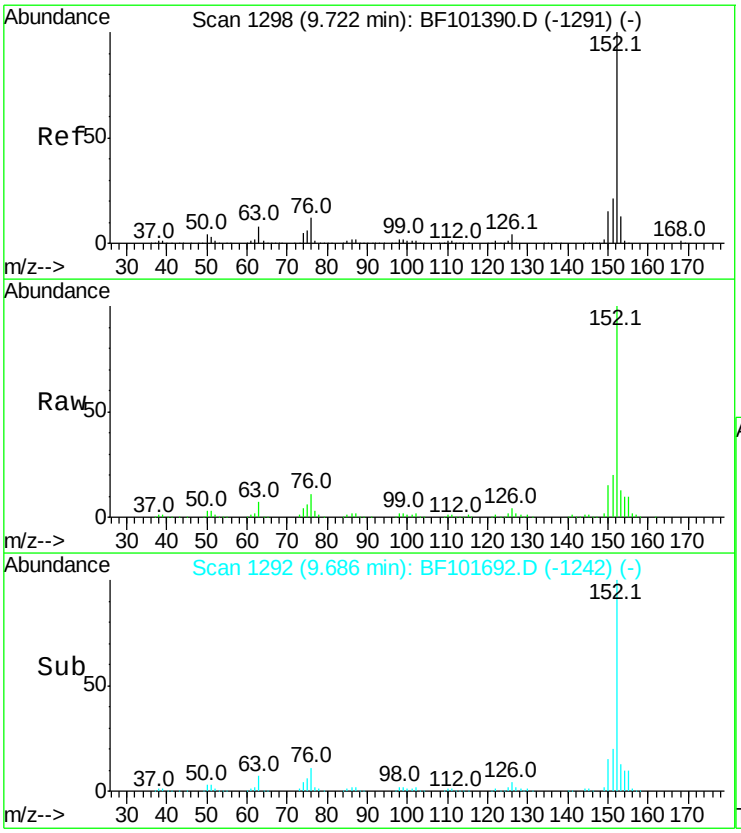
#45
1,1'-Biphenyl
Concen: 3.181 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:154 Resp: 78965

Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	13.8	0.0	34.0

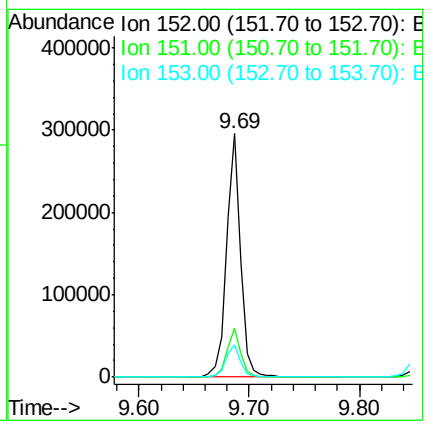


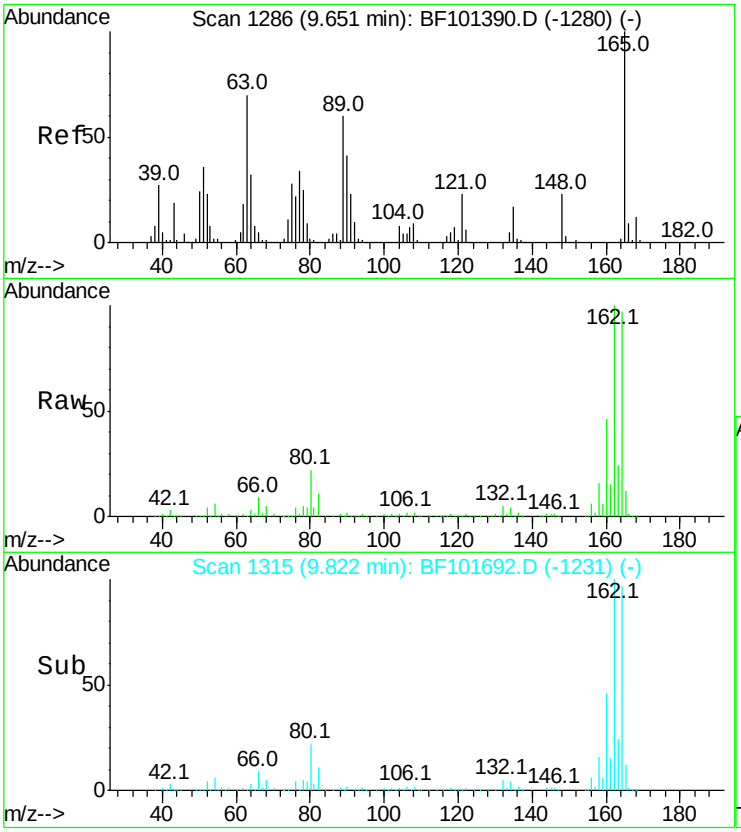


#48
Acenaphthylene
Concen: 8.764 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:152 Resp: 262889

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.4	10.7	16.1



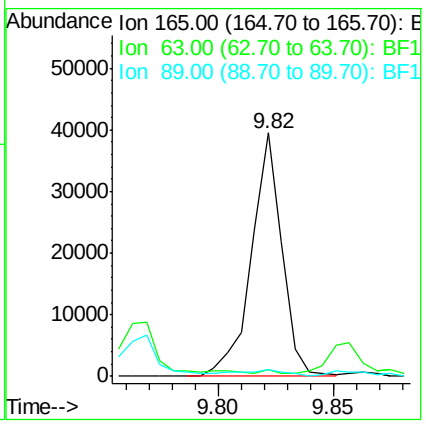


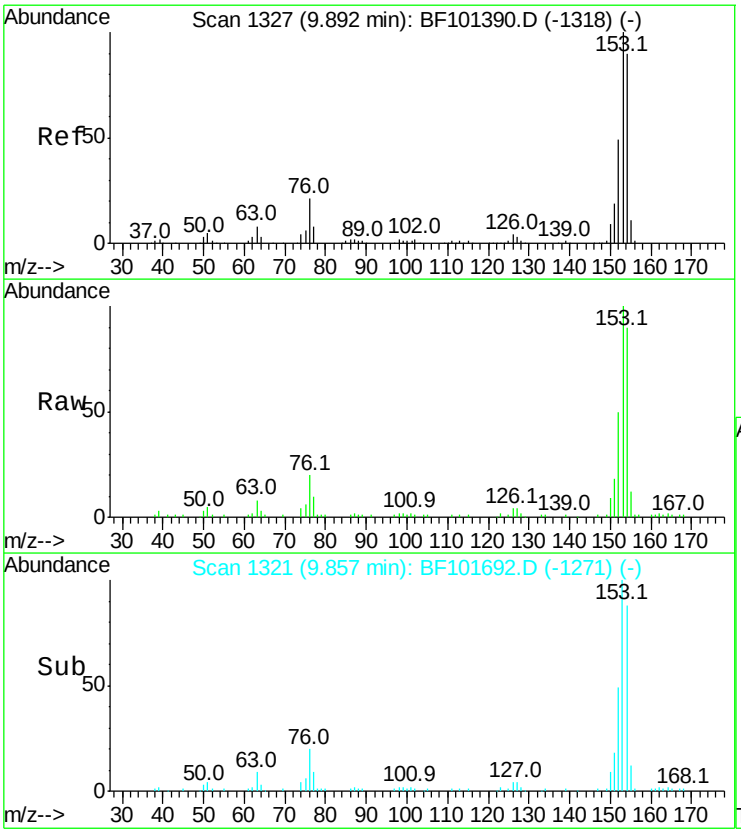
#50
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:165 Resp: 36430

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.7	67.1#
89	2.7	44.0	66.0#

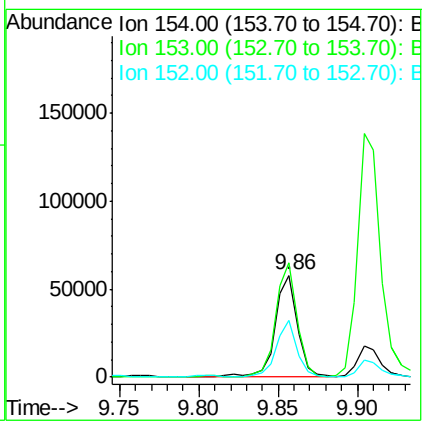


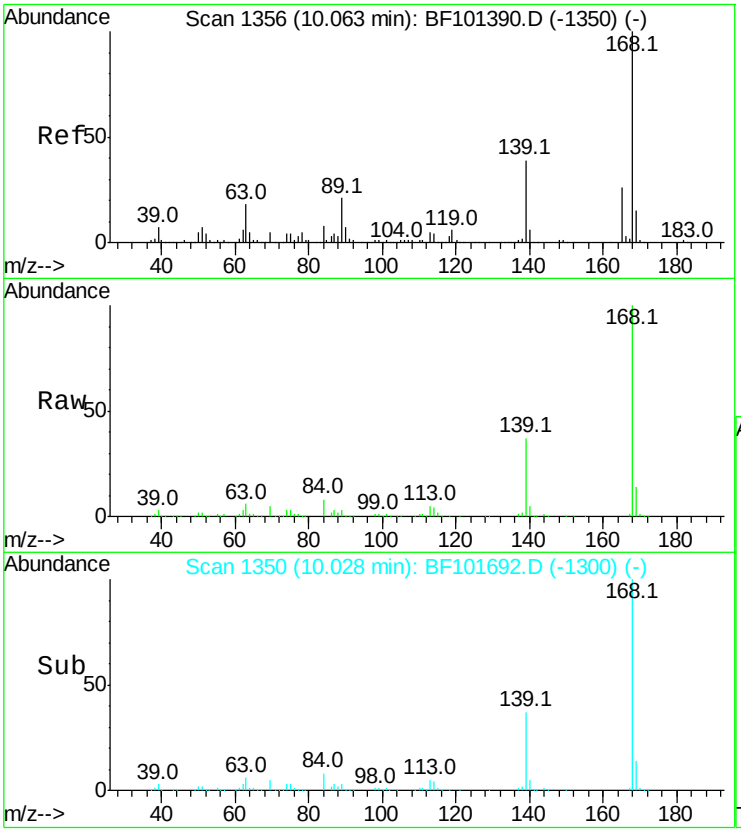


#51
Acenaphthene
Concen: 3.139 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:154 Resp: 56562

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	55.3	43.8	65.8



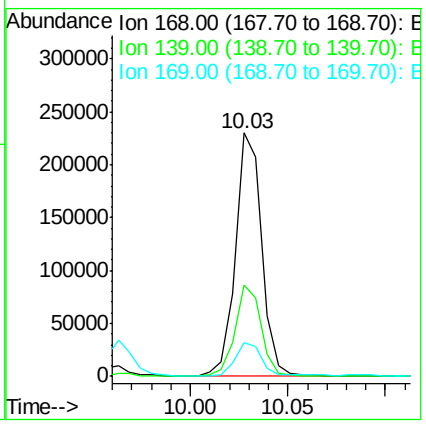


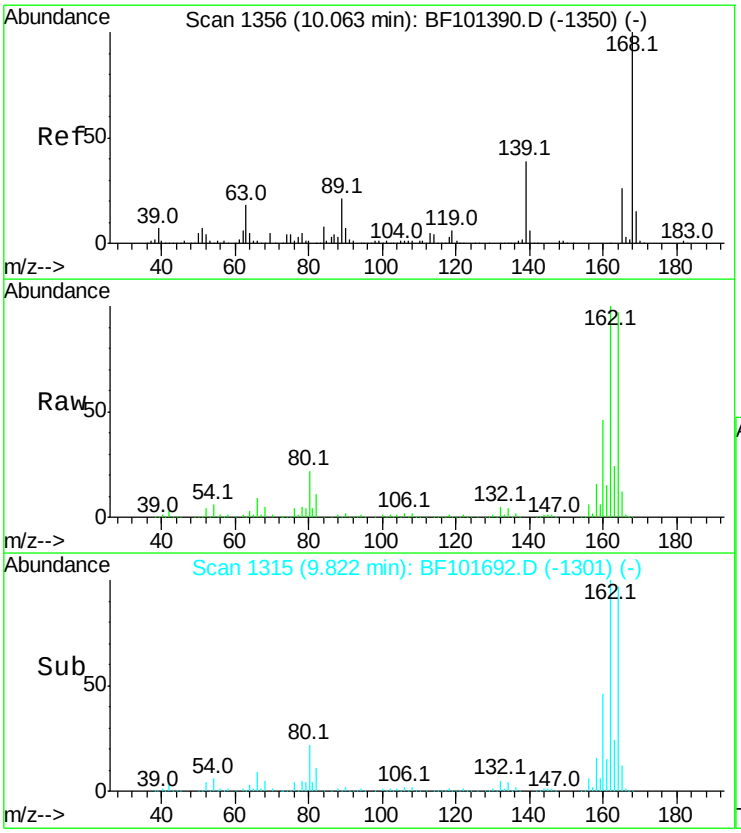
#54
Dibenzofuran
Concen: 9.385 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:168 Resp: 214951

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	14.1	10.9	16.3

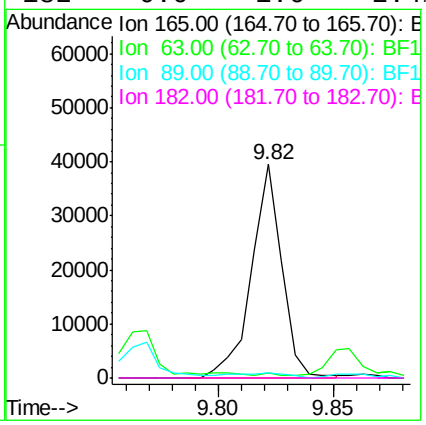


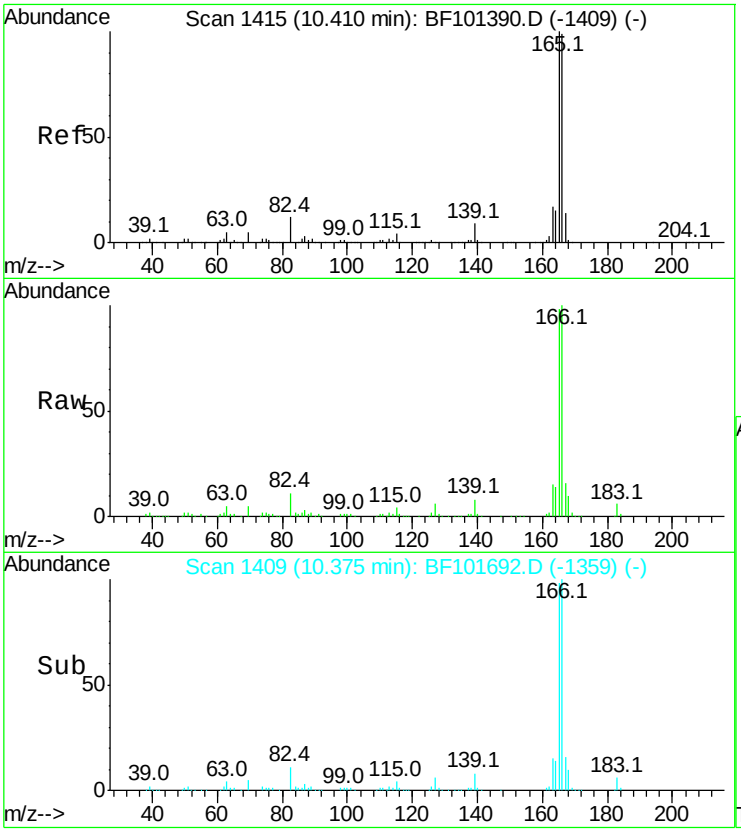


#56
2,4-Dinitrotoluene
Concen: 7.067 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:165 Resp: 36430

Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.4	54.6#
89	2.7	57.8	86.6#
182	0.0	1.6	2.4#



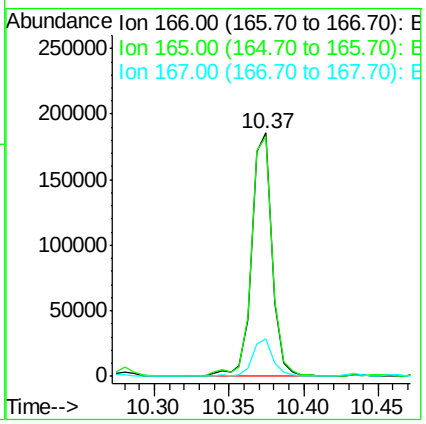


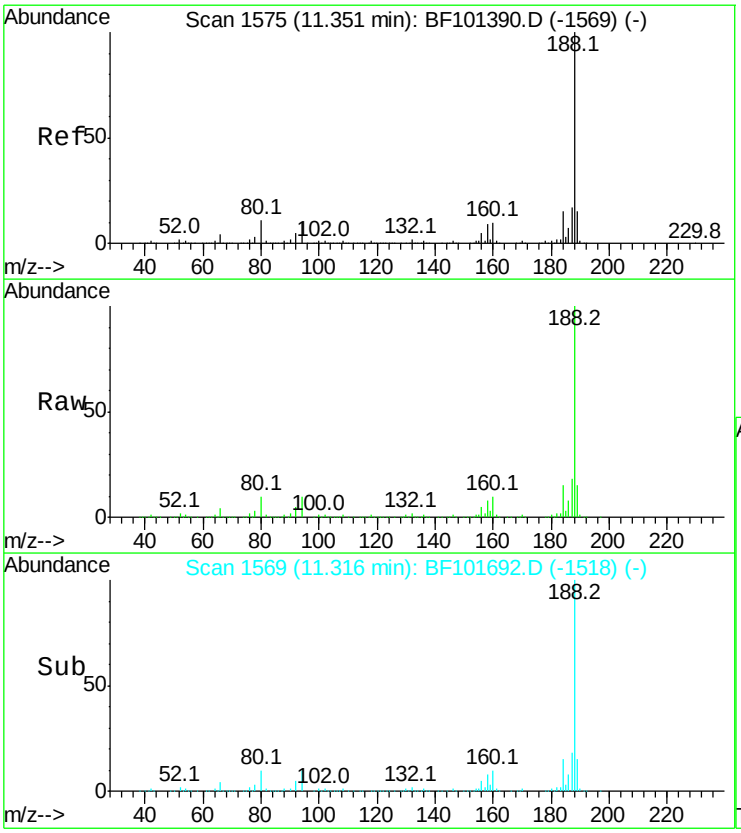
#57
Fluorene
Concen: 8.985 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:166 Resp: 174077

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	15.6	10.6	16.0

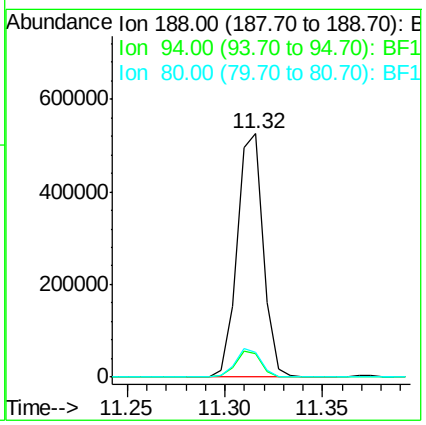


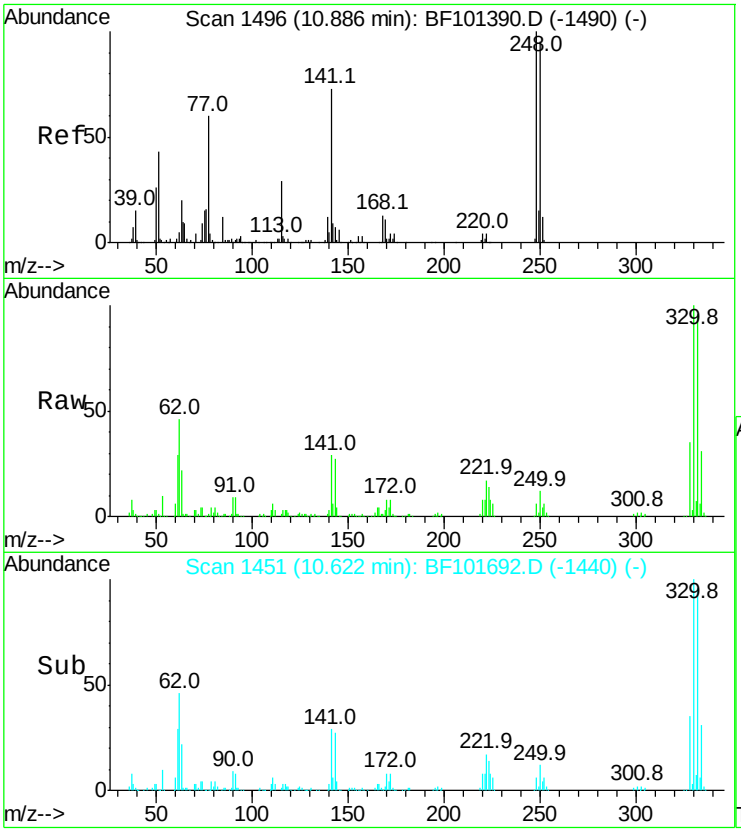


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:188 Resp: 486346

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.2	9.2	13.8



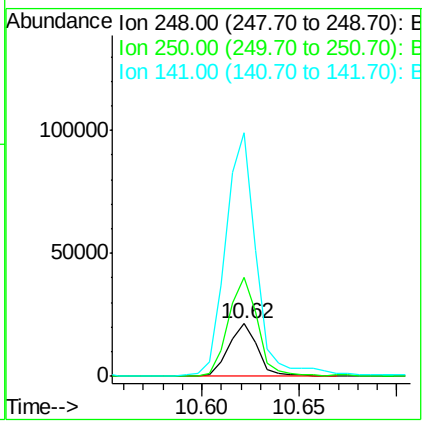


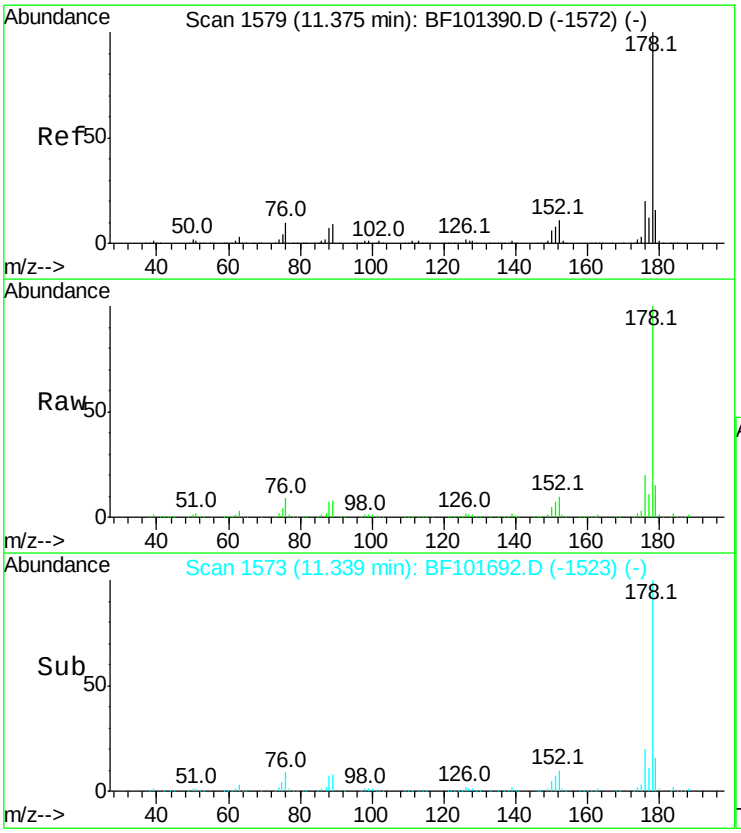
#66
4-Bromophenyl-phenylether
Concen: 3.975 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:248 Resp: 21722

Ion	Ratio	Lower	Upper
248	100		
250	189.0	76.9	115.3#
141	464.6	74.4	111.6#

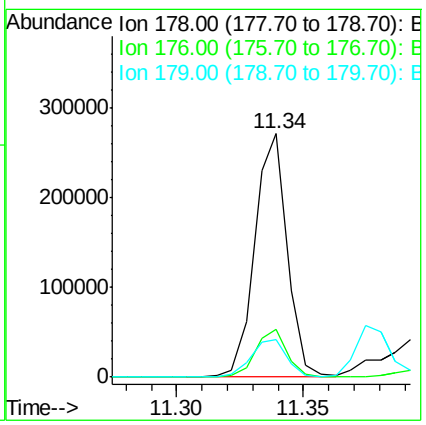


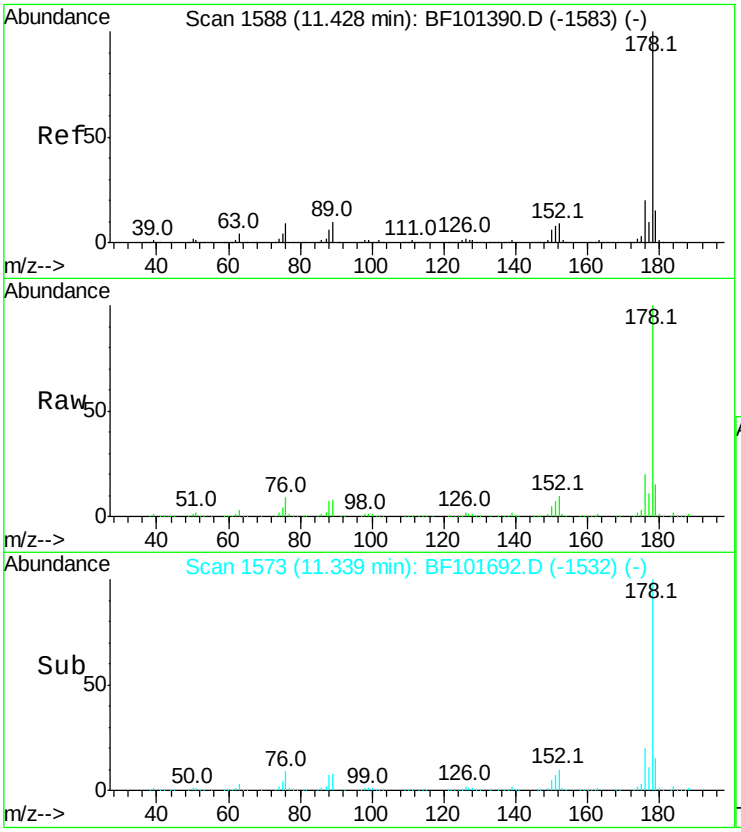


#70
Phenanthrene
Concen: 8.938 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:178 Resp: 241731

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6



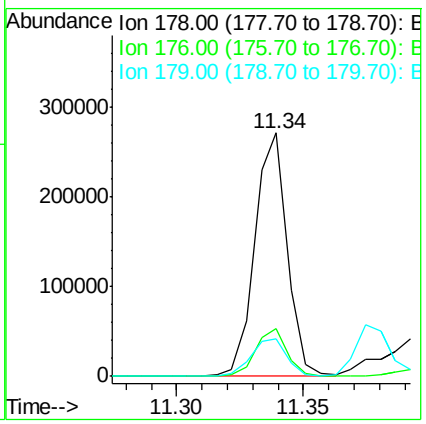


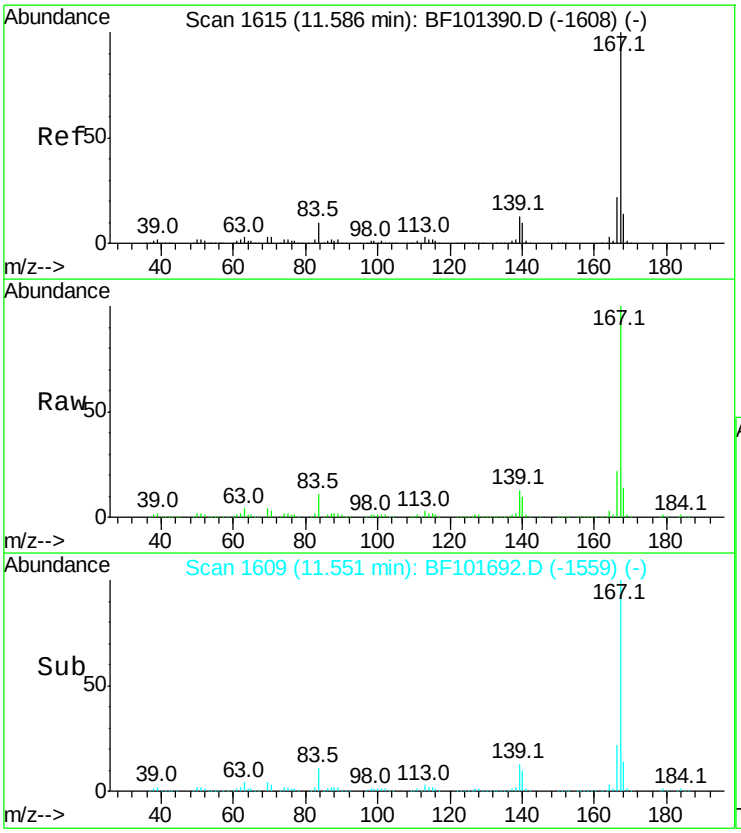
#71
Anthracene
Concen: 8.750 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.06 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:178 Resp: 241731

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.5	12.6	19.0

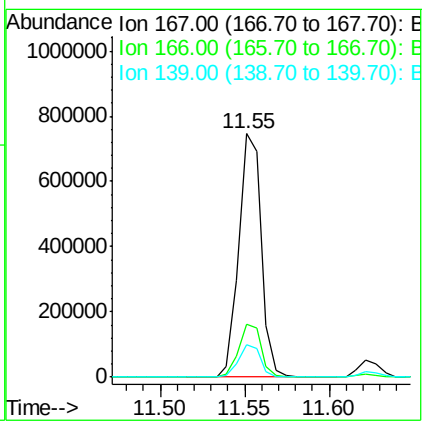


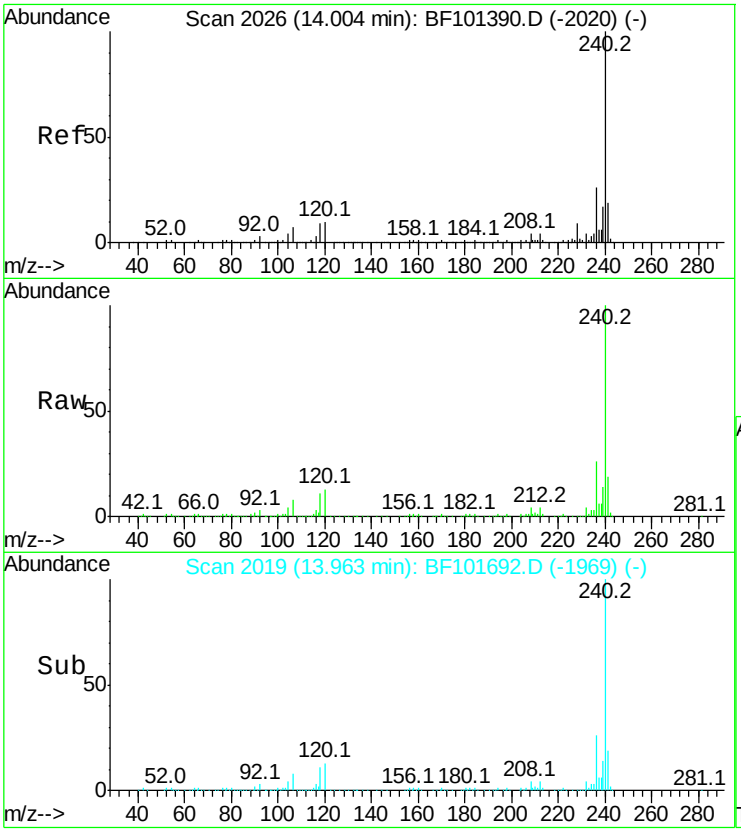


#72
Carbazole
Concen: 26.881 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:167 Resp: 695304

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.1	10.9	16.3



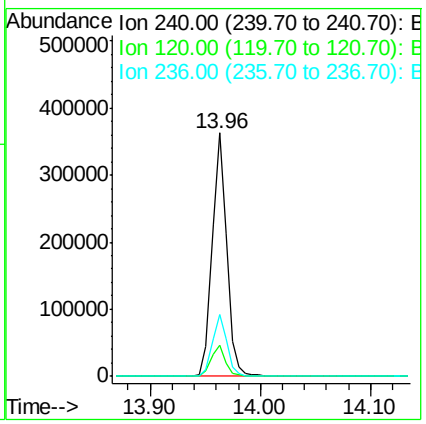


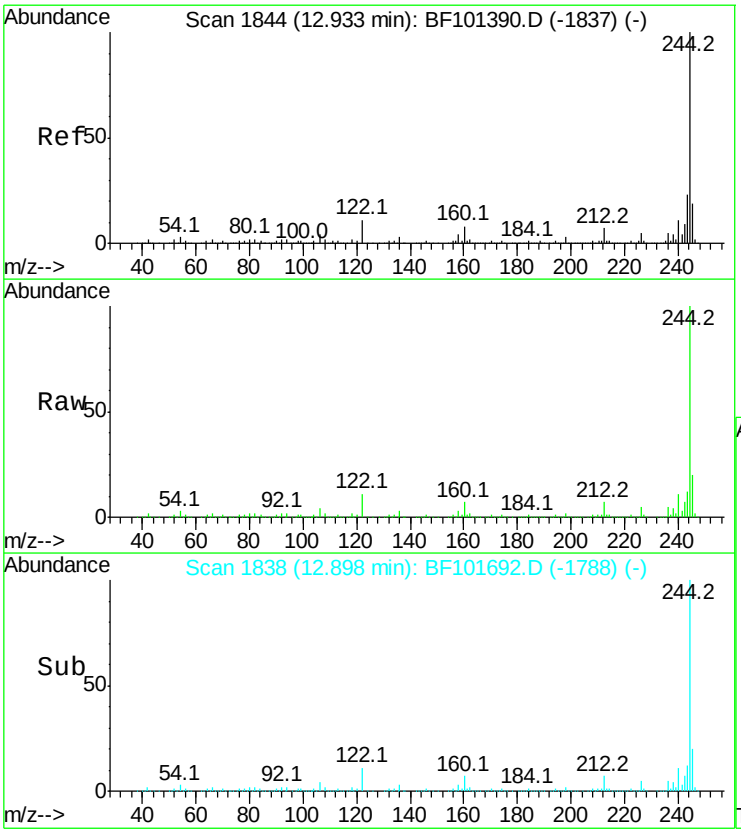
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:240 Resp: 327905

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.6	20.7	31.1

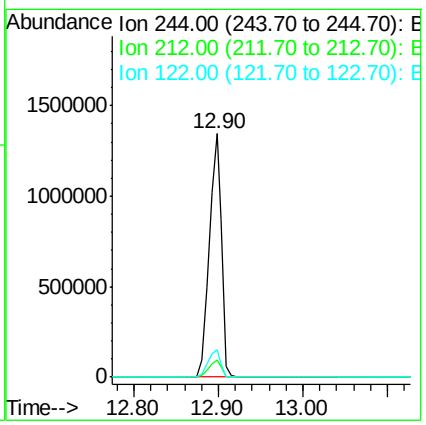


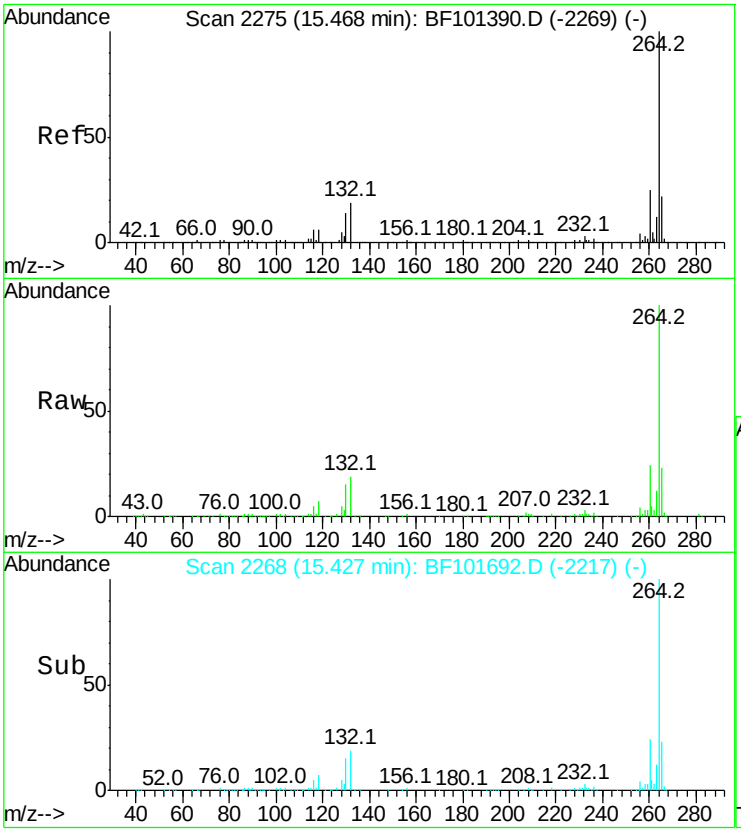


#78
Terphenyl-d14
Concen: 101.682 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:244 Resp: 1383048

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tgt Ion:264 Resp: 297492

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.9	17.5	26.3