Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101694.D
Acq On : 23 Dec 2017 10:50
Operator : SJ/JU
Sample : I6841-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-01-01

Quant Time: Dec 24 22:35:10 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	148509	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	559794	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	254782	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	454801	20.00	ng		0.00
75) Chrysene-d12	13.96	240	306239	20.00	ng		0.00
86) Perylene-d12	15.43	264	272061	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1252265	125.61	ng		0.02
7) Phenol-d6	6.44	99	1423229	114.70	ng		0.00
23) Nitrobenzene-d5	7.36	82	983605	97.81	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	346414	141.10	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1598952	97.35	ng		0.00
78) Terphenyl-d14	12.90	244	1392650	109.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	415604	29.388	ng		99
17) 2-Methylphenol	7.05	107	126943	13.159	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	132626	16.276	ng	#	81
20) 3+4-Methylphenols	7.21	107	367037	35.903	ng		88
25) Isophorone	7.36	82	983591	48.756	ng	#	64
27) 2,4-Dimethylphenol	7.73	122	104571	12.873	ng		97
31) Naphthalene	8.10	128	3965600	140.713	ng		98
32) Benzoic acid	7.87	122	136532	28.768	ng	#	15
33) 4-Chloroaniline	8.10	127	559332	45.664	ng	#	34
35) Caprolactam	8.78	113	6533	2.344	ng	#	1
37) 2-Methylnaphthalene	8.78	142	313002	17.047	ng		99
45) 1,1'-Biphenyl	9.25	154	70588	3.124	ng		97
48) Acenaphthylene	9.69	152	82753	3.030	ng		97
50) 2,6-Dinitrotoluene	9.82	165	33482	8.038	ng	#	26
51) Acenaphthene	9.86	154	89450	5.452	ng		99
54) Dibenzofuran	10.03	168	155335	7.450	ng		98
56) 2,4-Dinitrotoluene	9.82	165	33482	7.135	ng	#	24
57) Fluorene	10.37	166	164272	9.314	ng		97
66) 4-Bromophenyl-phenylether	10.62	248	21464	4.200	ng	#	1
70) Phenanthrene	11.34	178	235368	9.306	ng		99
71) Anthracene	11.34	178	235368	9.110	ng		100
72) Carbazole	11.55	167	526416	21.763	ng		99

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

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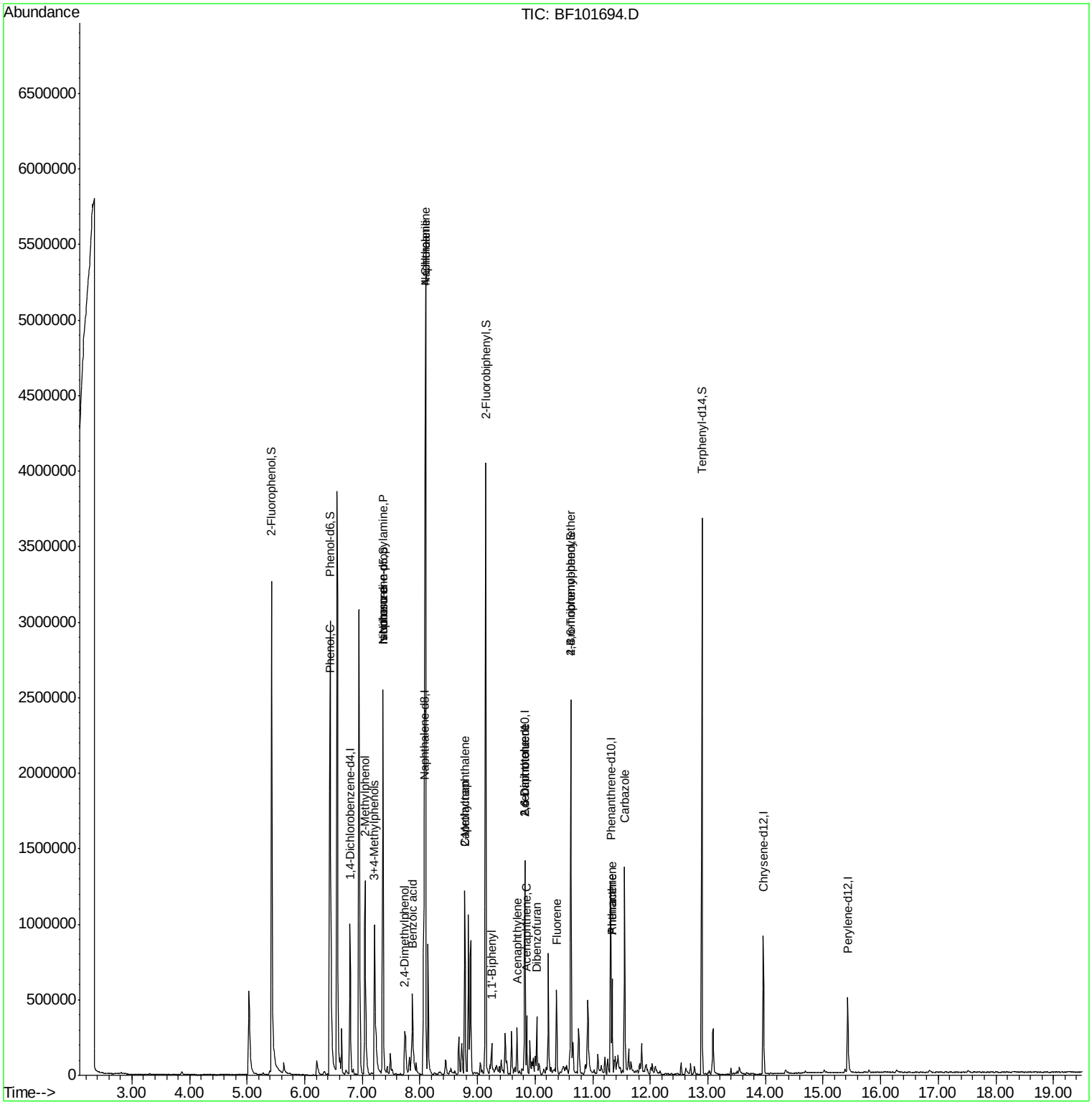
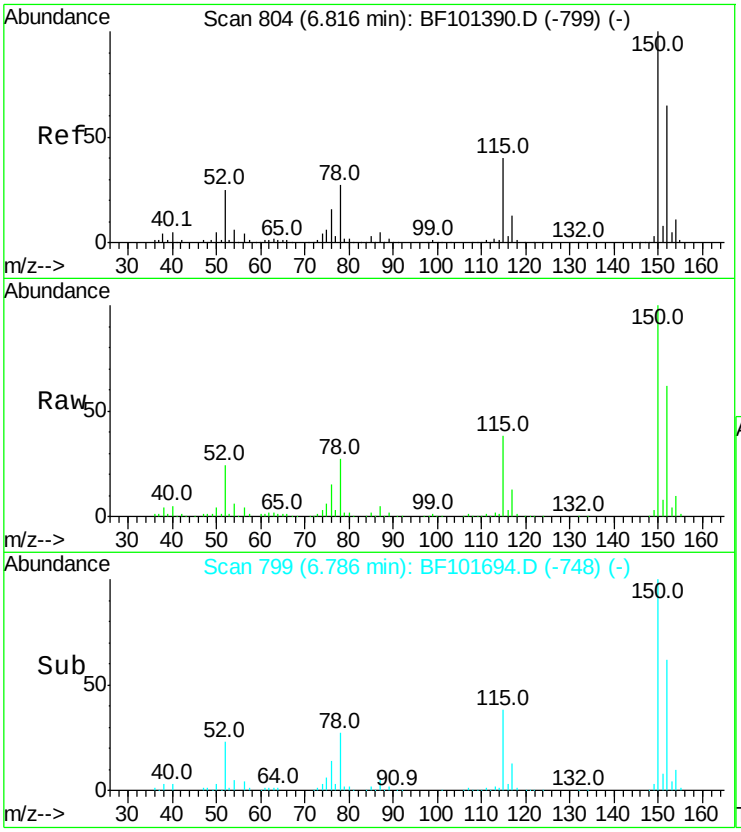


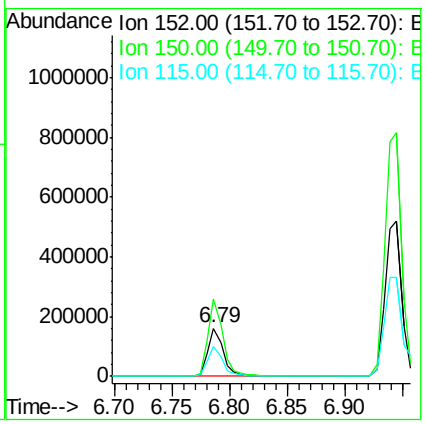


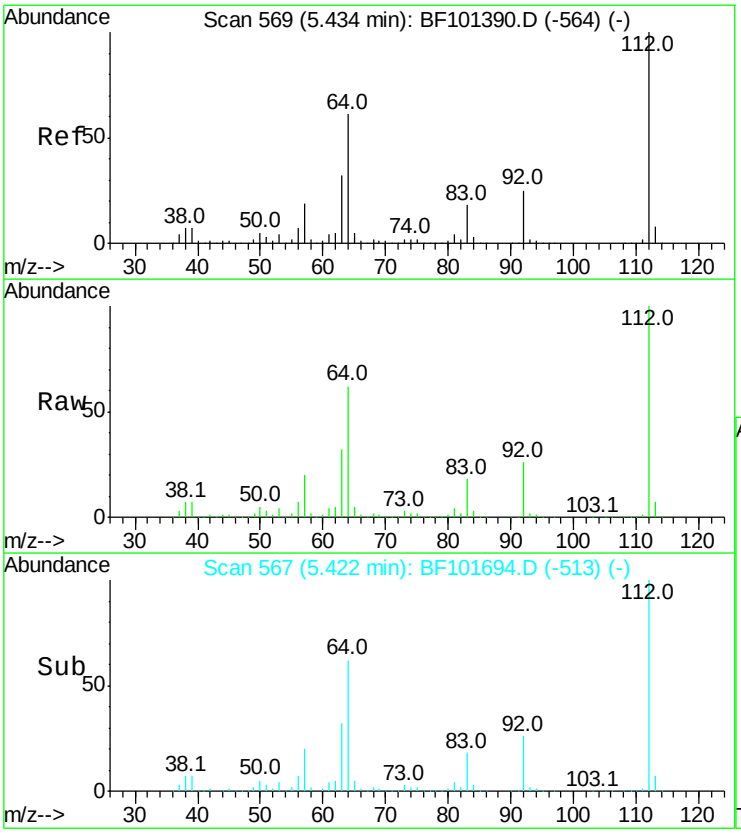
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:152 Resp: 148509

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	61.7	50.1	75.1

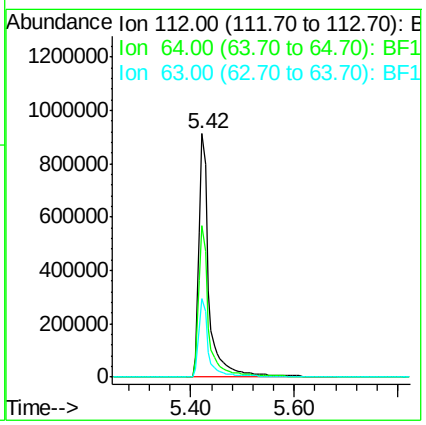


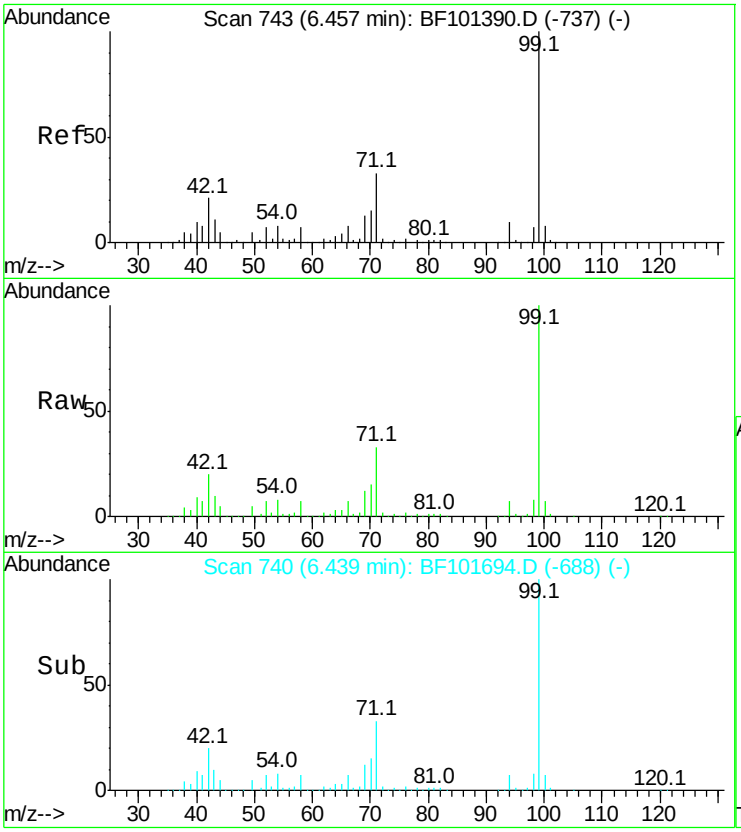


#5
2-Fluorophenol
Concen: 125.605 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:112 Resp: 1252265

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	32.3	23.7	35.5



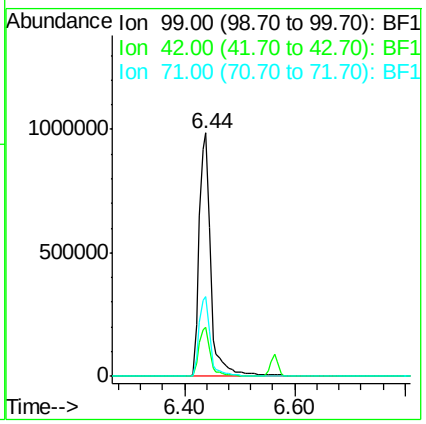


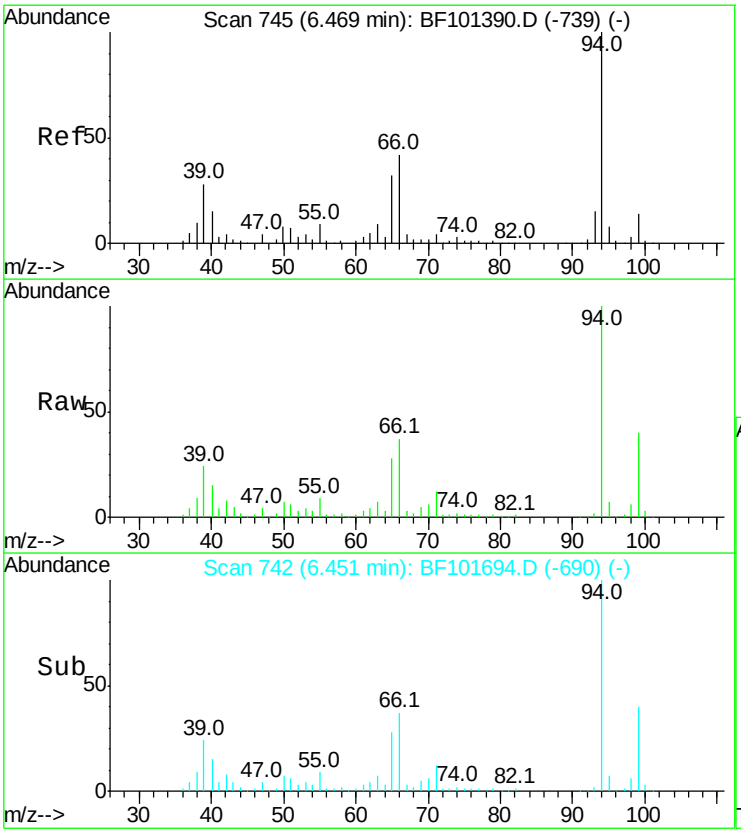
#7
Phenol-d6
Concen: 114.704 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion: 99 Resp: 1423229

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	32.9	25.4	38.0

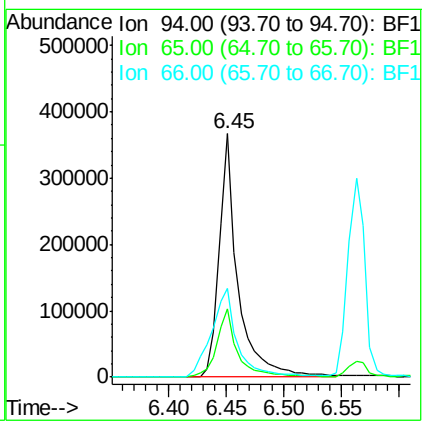


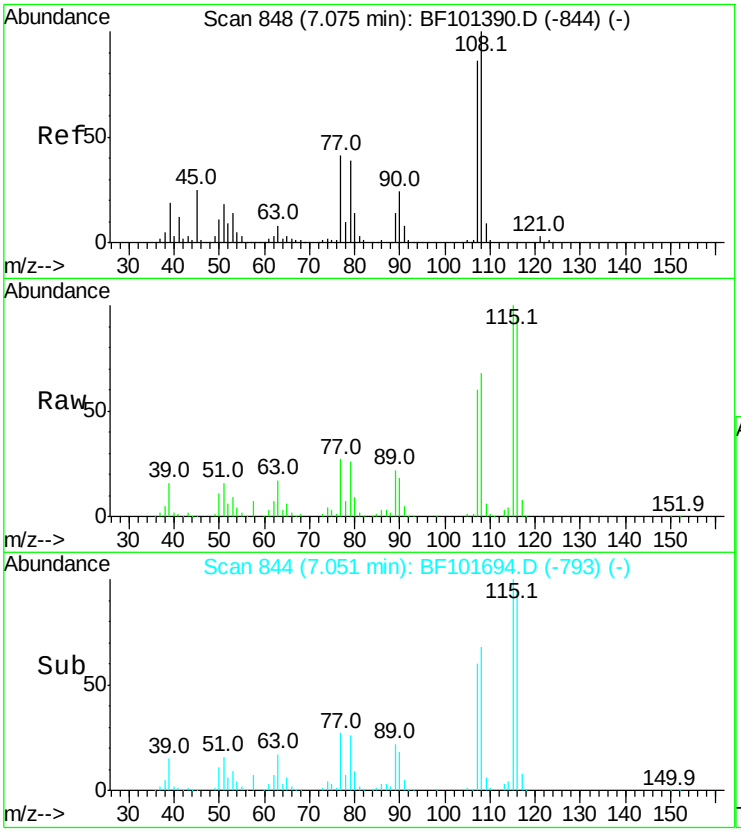


#10
Phenol
Concen: 29.388 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion: 94 Resp: 415604

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.6	16.2	56.2



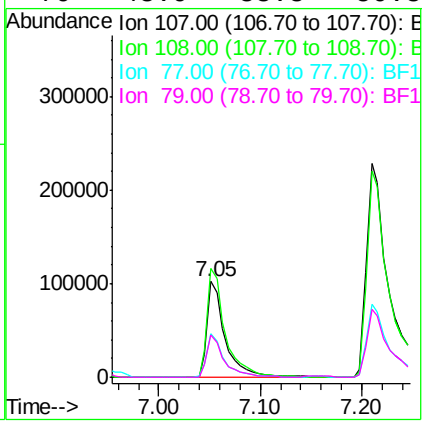


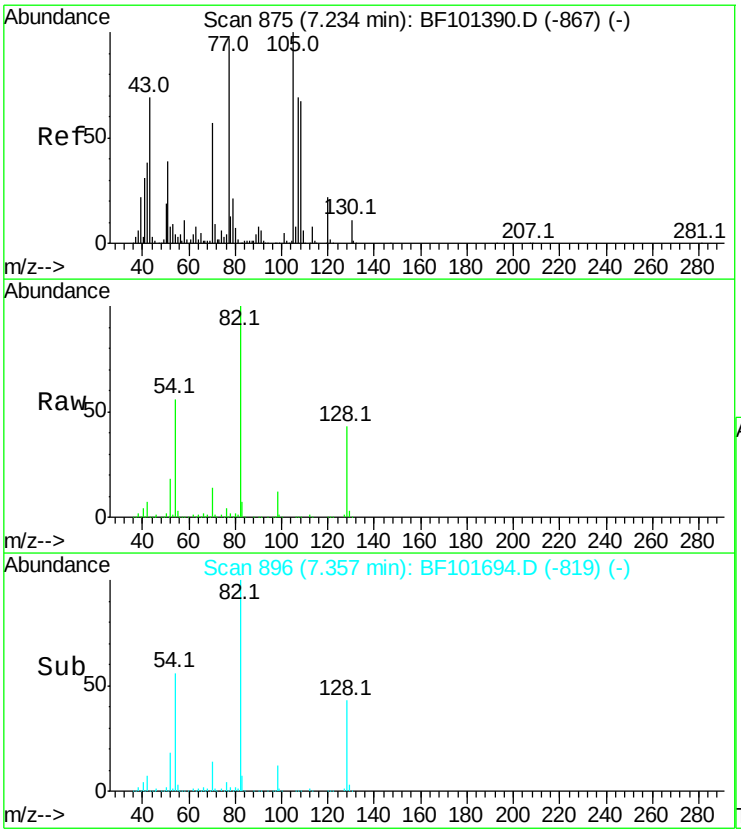
#17
2-Methylphenol
Concen: 13.159 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:107 Resp: 126943

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	45.3	33.8	50.8
79	43.9	33.8	50.8

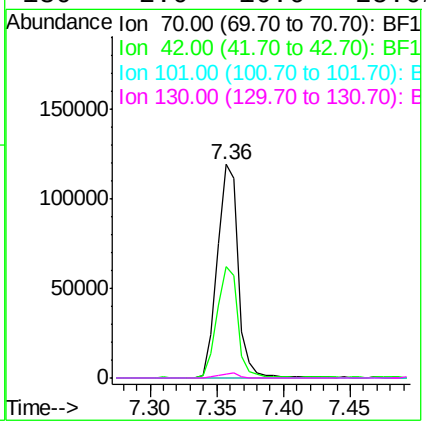


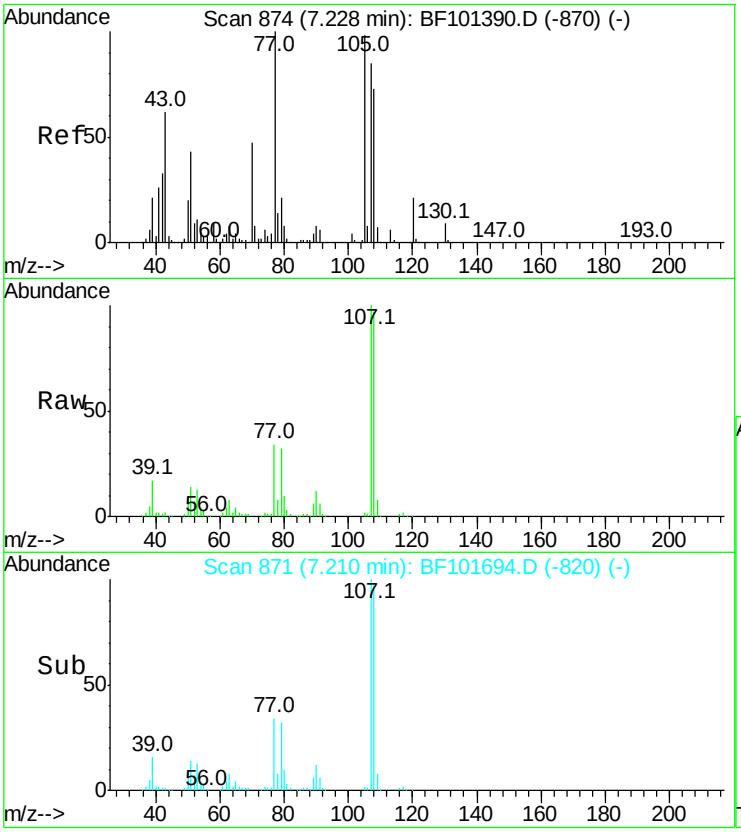


#19
n-Nitroso-di-n-propylamine
Concen: 16.276 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion: 70 Resp: 132626

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



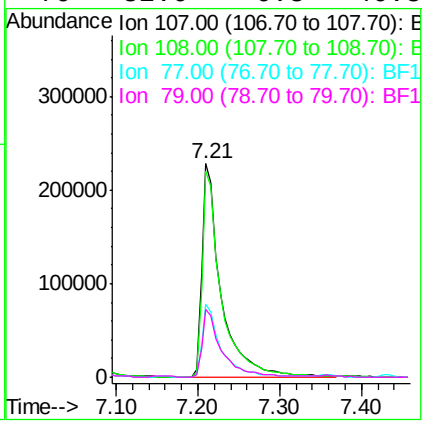


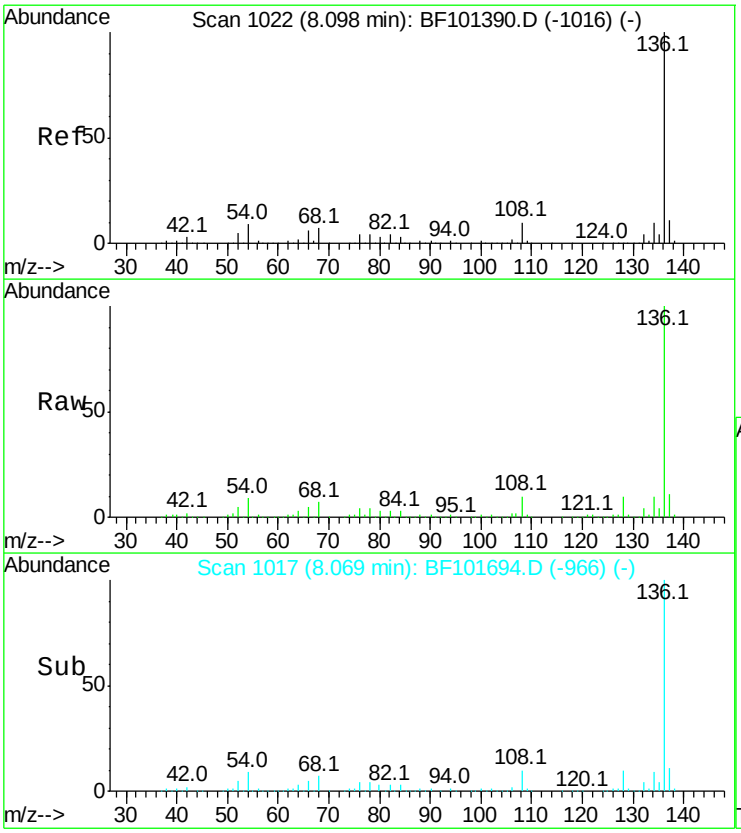
#20
3+4-Methylphenols
Concen: 35.903 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:107 Resp: 367037

Ion	Ratio	Lower	Upper
107	100		
108	96.7	68.2	108.2
77	34.5	26.7	66.7
79	32.0	6.3	46.3

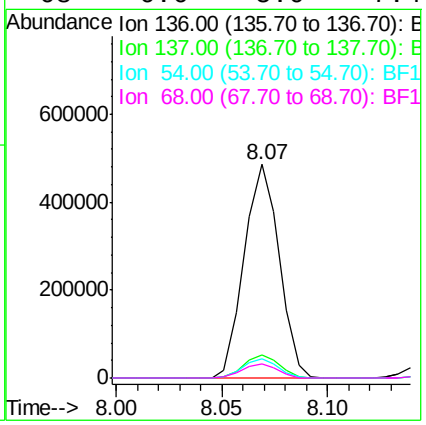


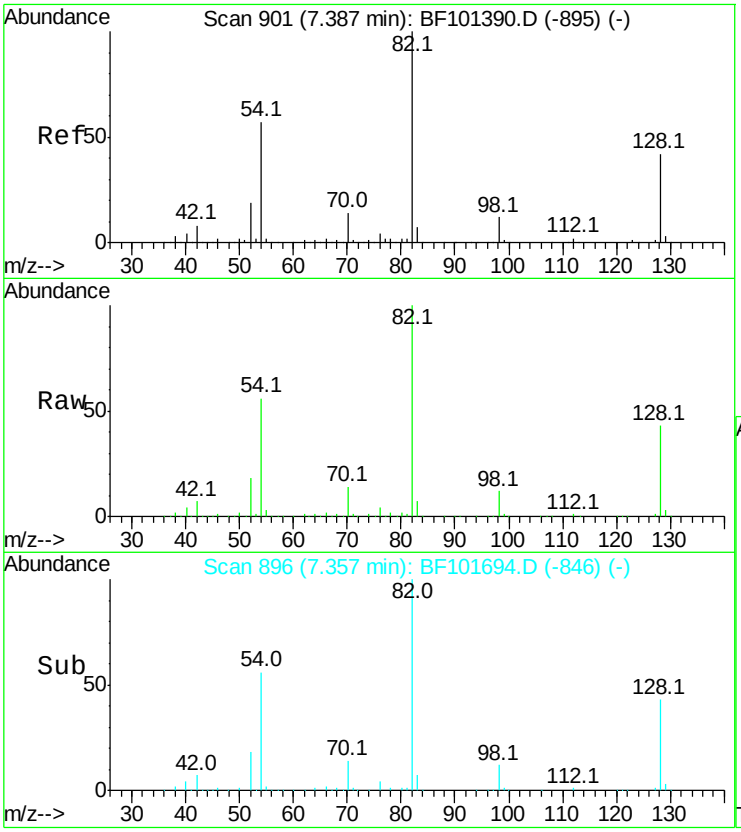


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:136 Resp: 559794

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4



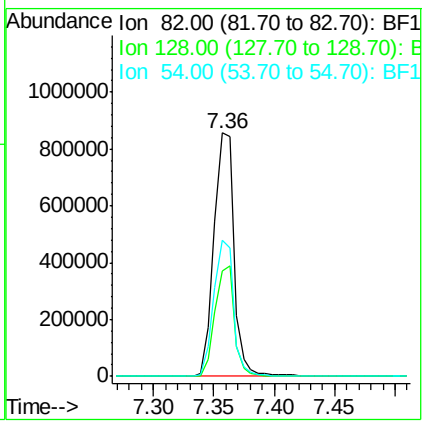


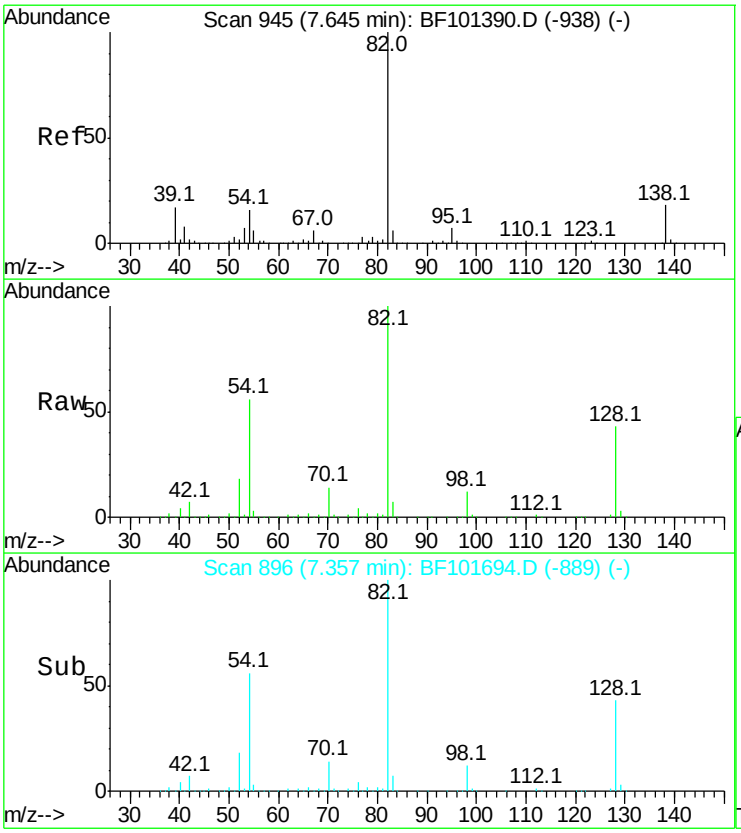
#23
Nitrobenzene-d5
Concen: 97.809 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion: 82 Resp: 983605

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	55.8	41.4	62.2

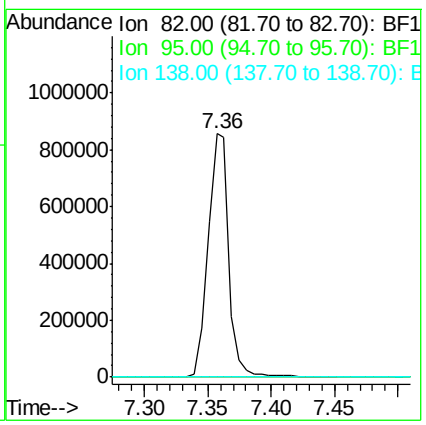


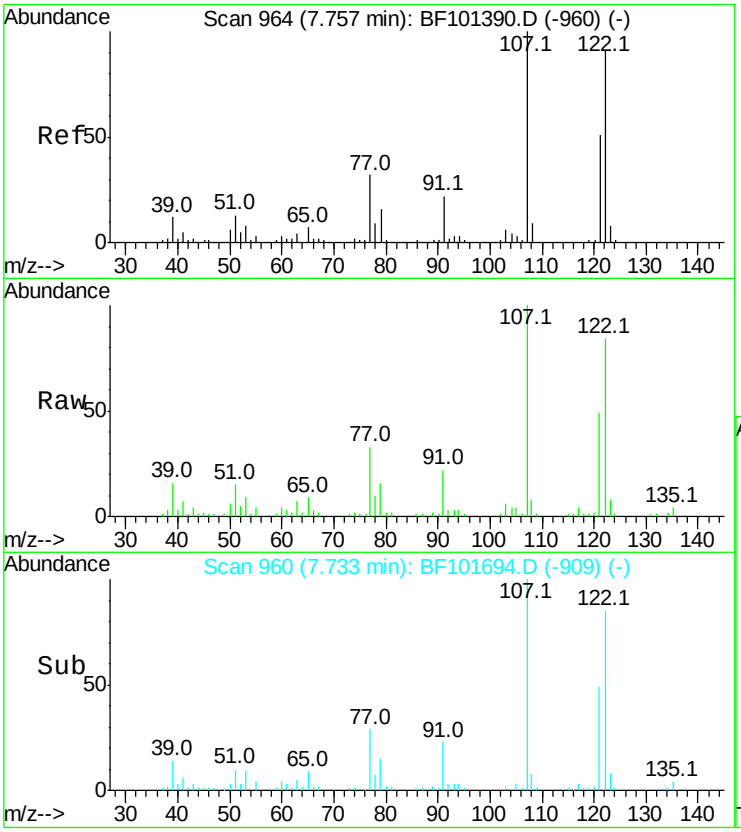


#25
Isophorone
Concen: 48.756 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion: 82 Resp: 983591

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



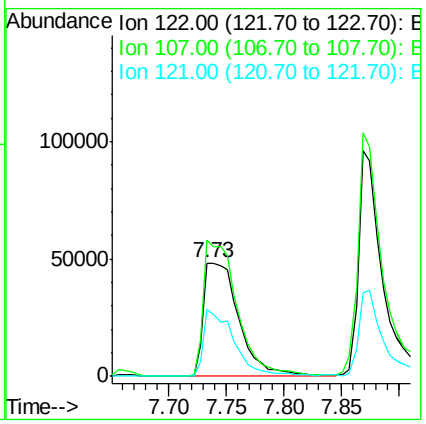


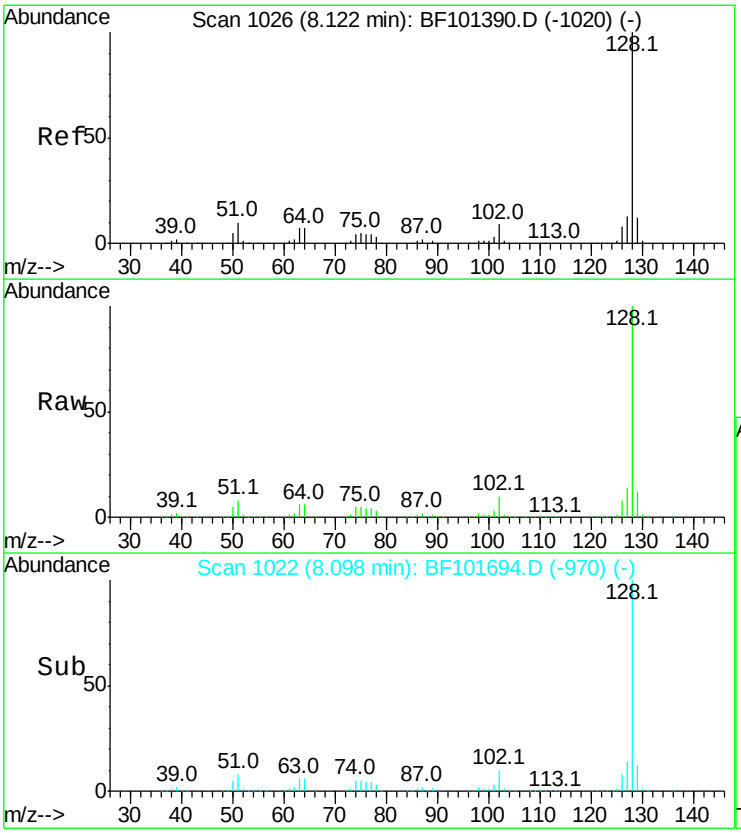
#27
2,4-Dimethylphenol
Concen: 12.873 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:122 Resp: 104571

Ion	Ratio	Lower	Upper
122	100		
107	119.4	91.2	136.8
121	59.0	47.2	70.8

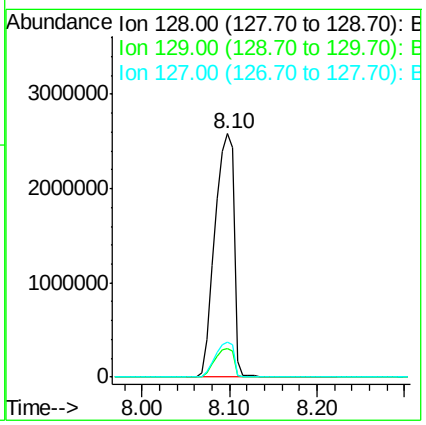


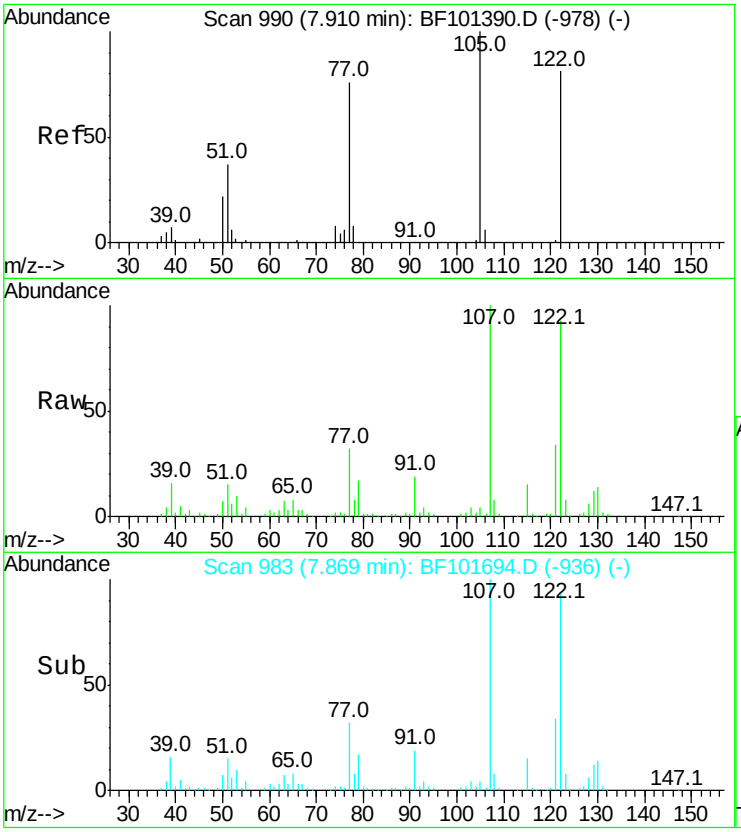


#31
Naphthalene
Concen: 140.713 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:128 Resp: 3965600

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.4	10.9	16.3



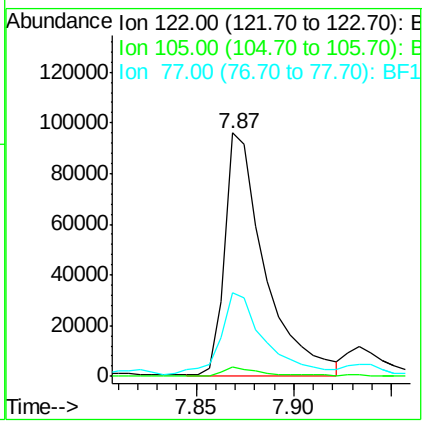


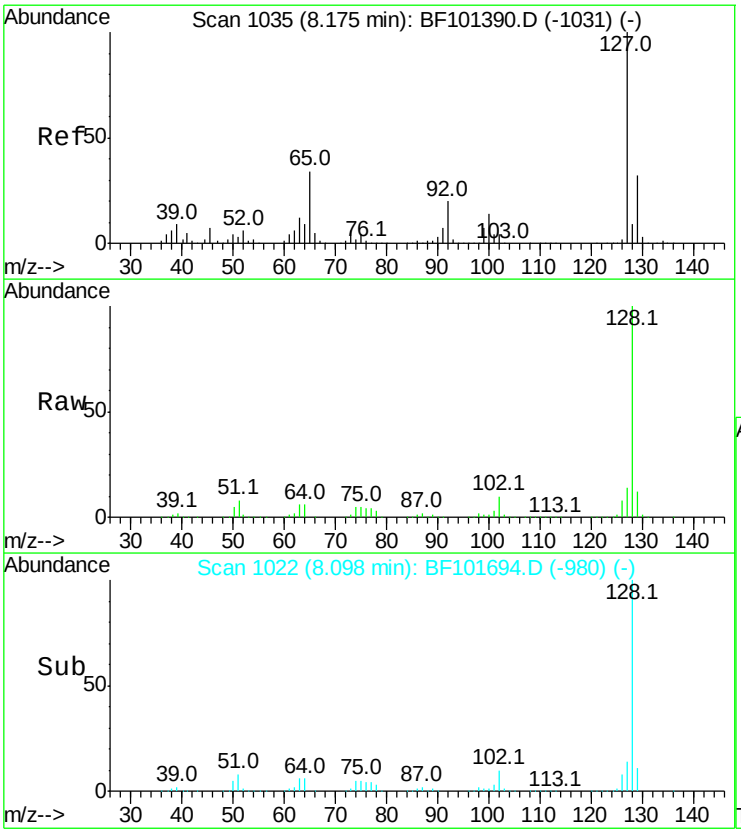
#32
Benzoic acid
Concen: 28.768 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:122 Resp: 136532

Ion	Ratio	Lower	Upper
122	100		
105	4.1	101.1	141.1#
77	34.4	70.7	110.7#

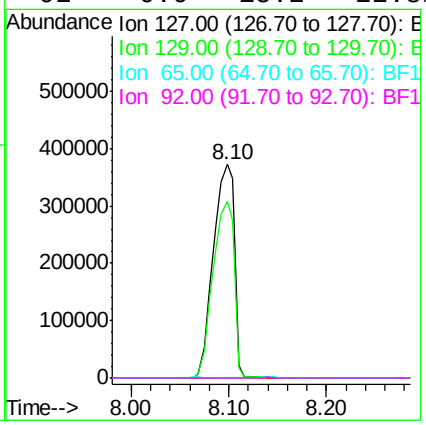


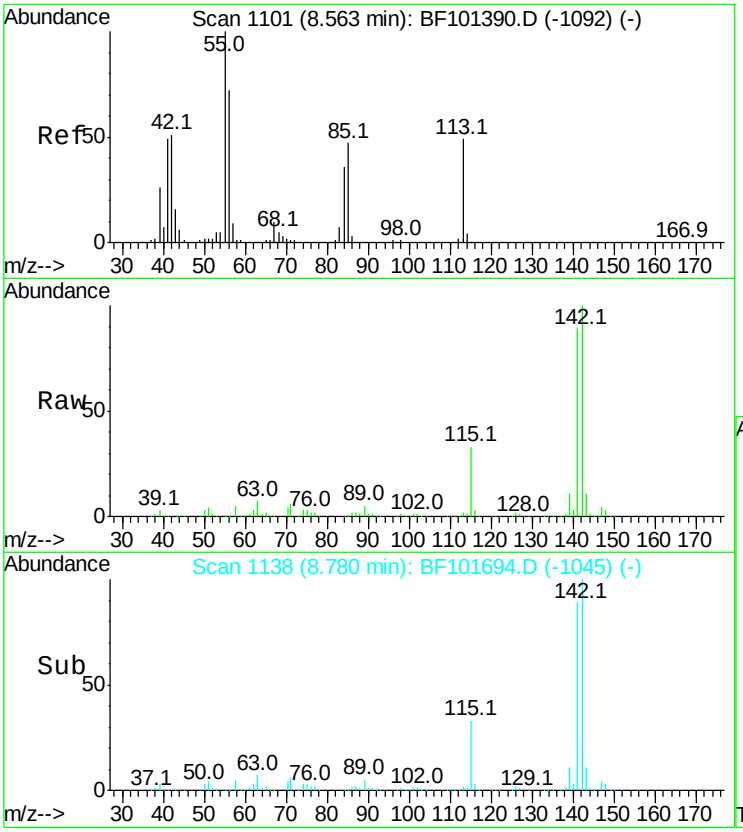


#33
4-Chloroaniline
Concen: 45.664 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:127 Resp: 559332

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



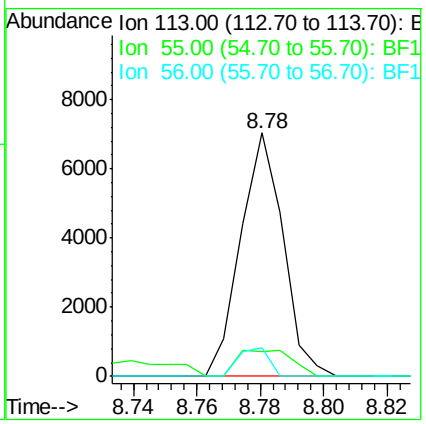


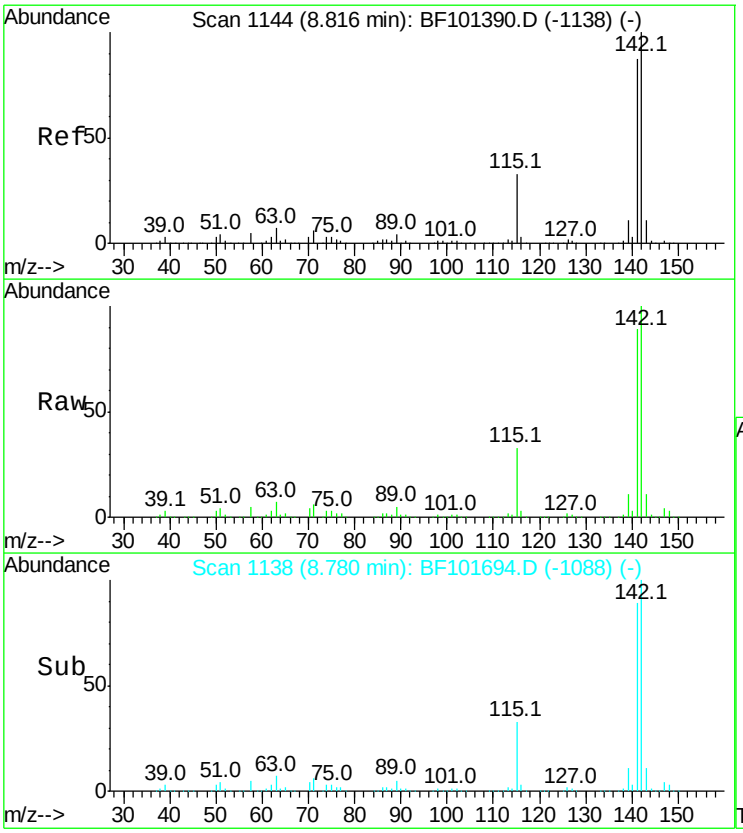
#35
Caprolactam
Concen: 2.344 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.25 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:113 Resp: 6533

Ion	Ratio	Lower	Upper
113	100		
55	10.0	163.3	203.3#
56	11.9	115.7	155.7#

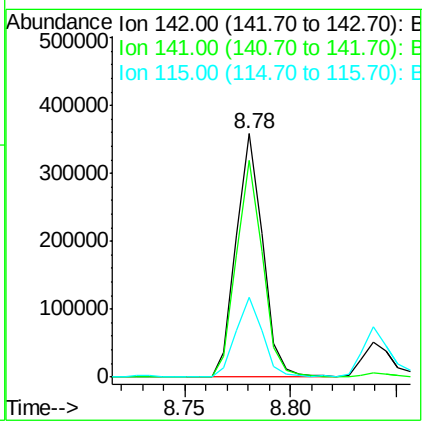


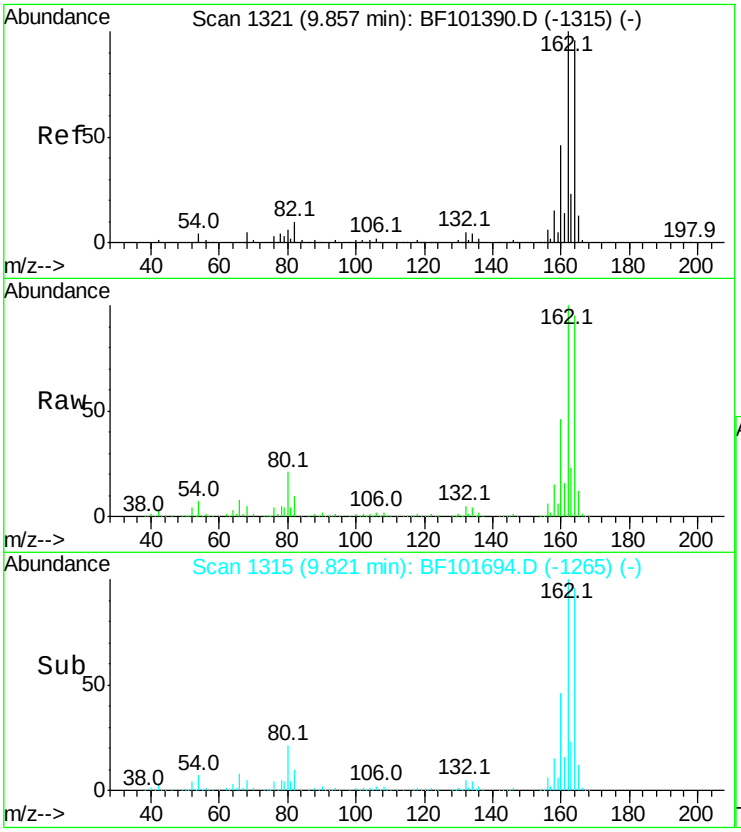


#37
2-Methylnaphthalene
Concen: 17.047 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:142 Resp: 313002

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.9	26.1	39.1



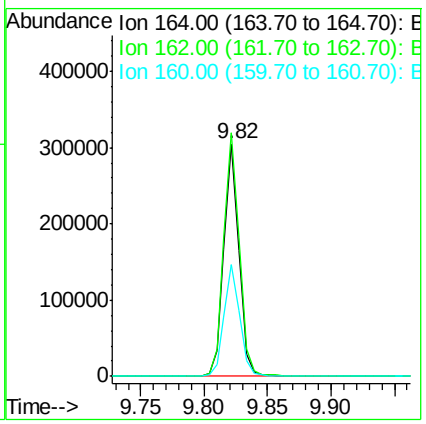


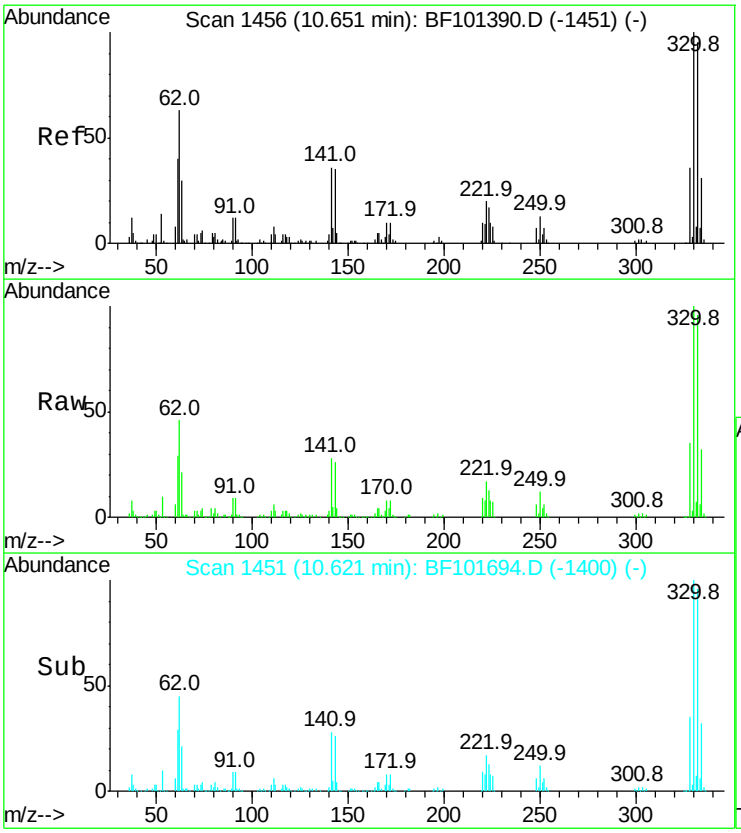
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:164 Resp: 254782

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	48.2	38.3	57.5

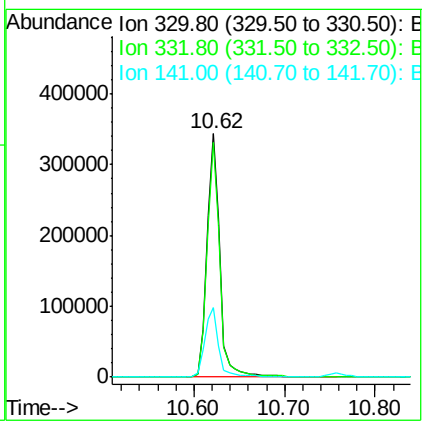


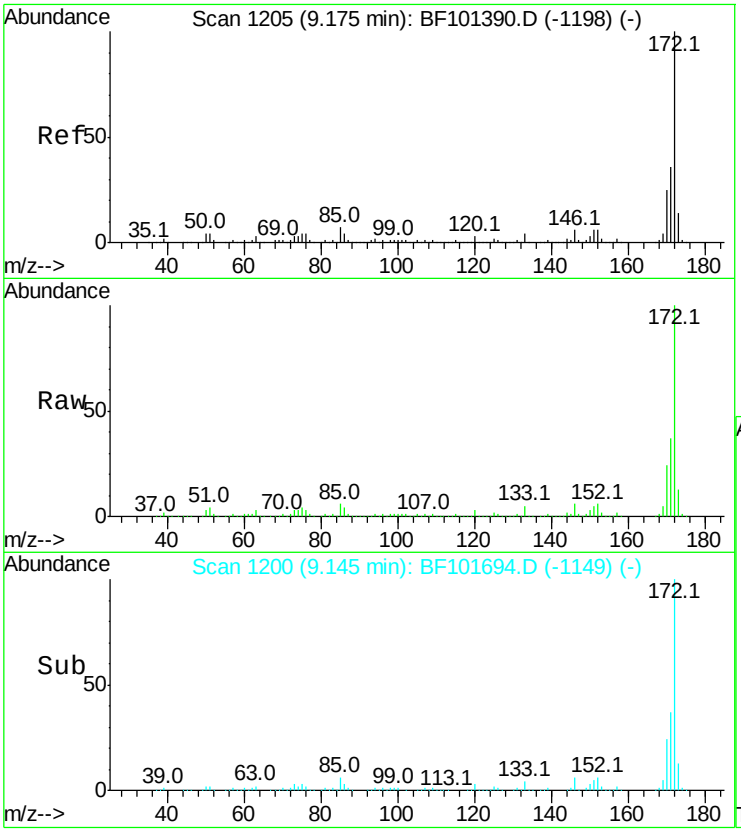


#41
2,4,6-Tribromophenol
Concen: 141.104 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:330 Resp: 346414

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.0	29.9	44.9



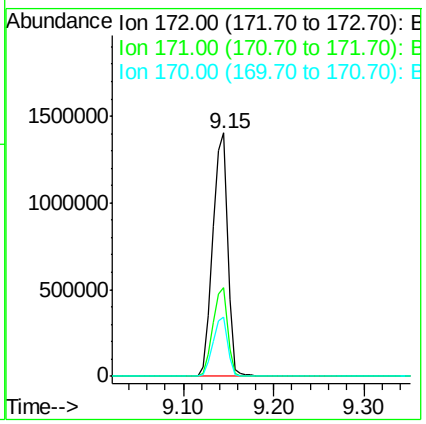


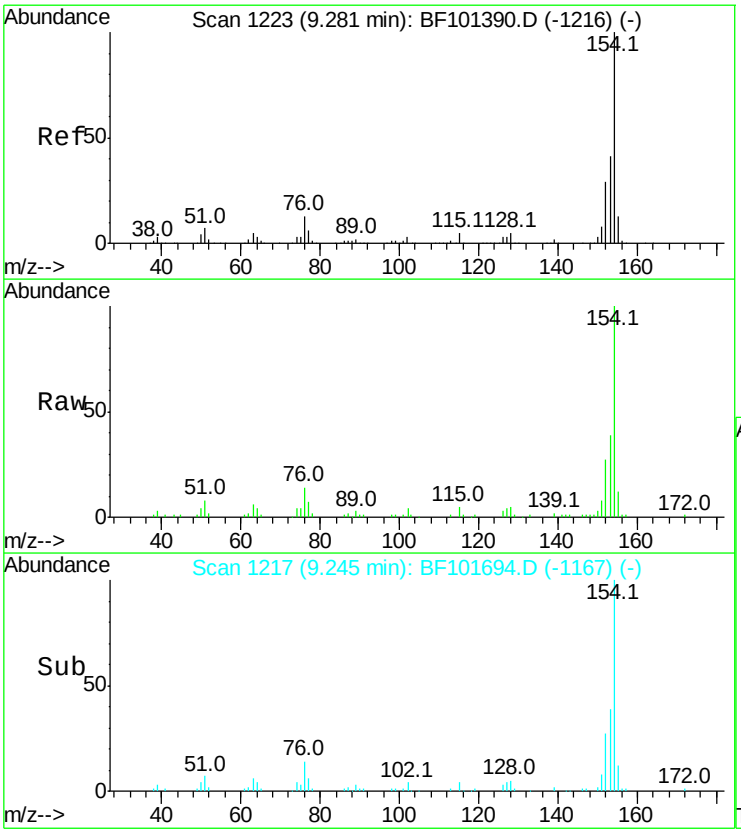
#44
2-Fluorobiphenyl
Concen: 97.352 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:172 Resp: 1598952

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

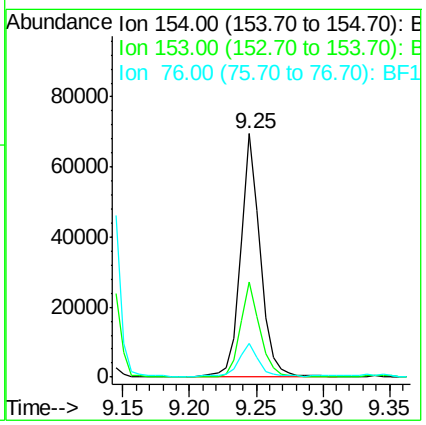


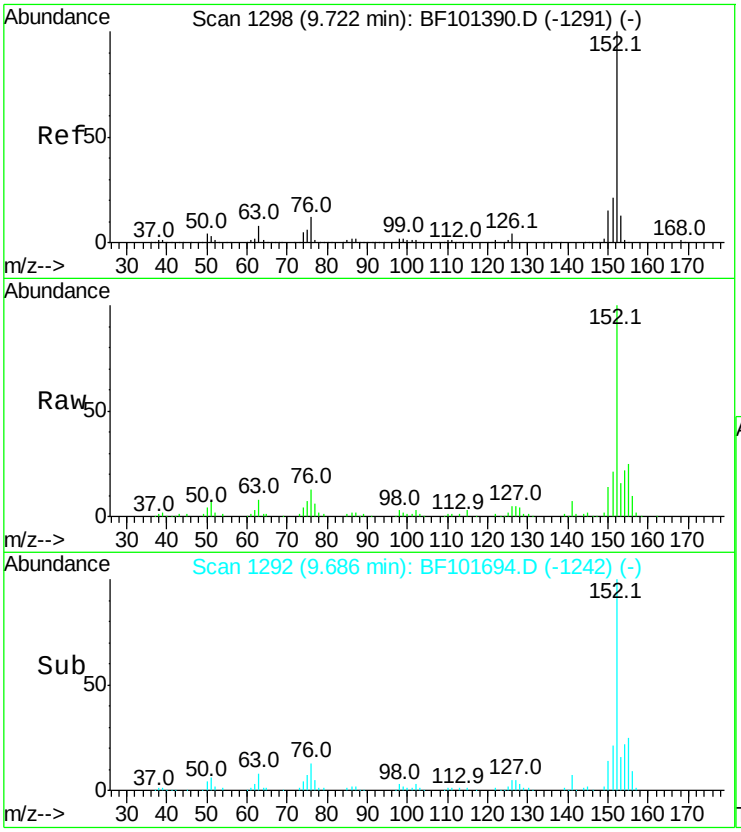


#45
1,1'-Biphenyl
Concen: 3.124 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:154 Resp: 70588

Ion	Ratio	Lower	Upper
154	100		
153	38.9	21.3	61.3
76	13.6	0.0	34.0



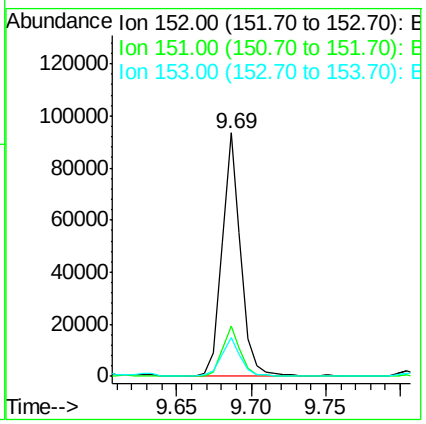


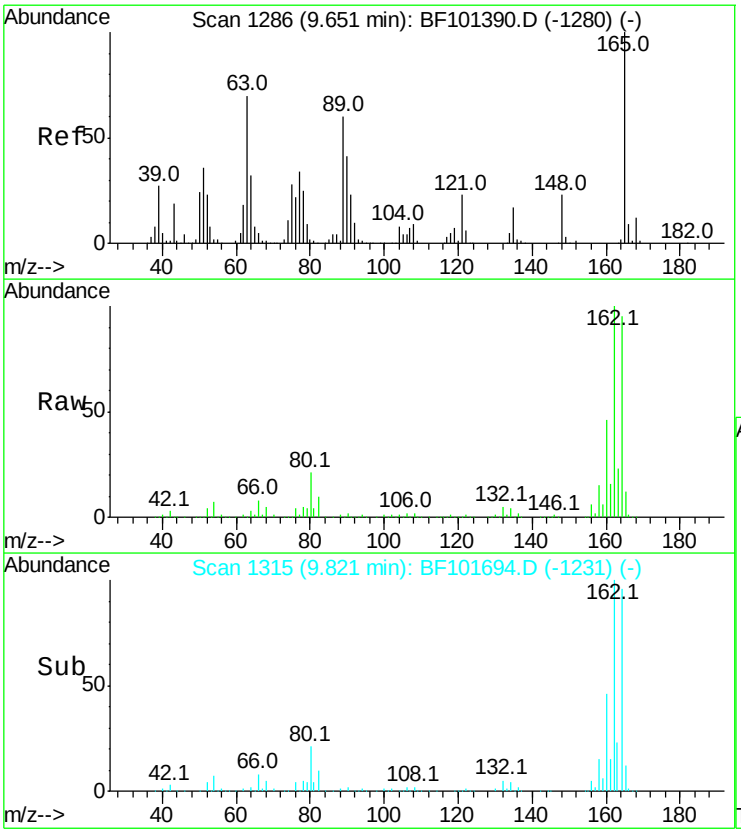
#48
Acenaphthylene
Concen: 3.030 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:152 Resp: 82753

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	15.7	10.7	16.1

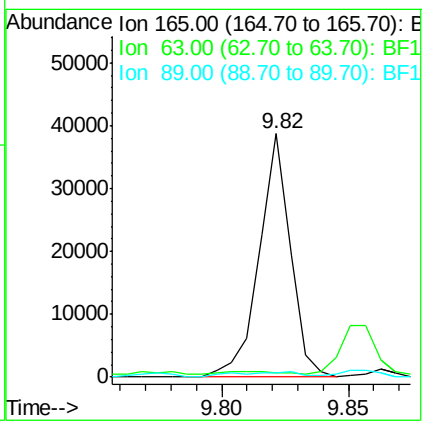


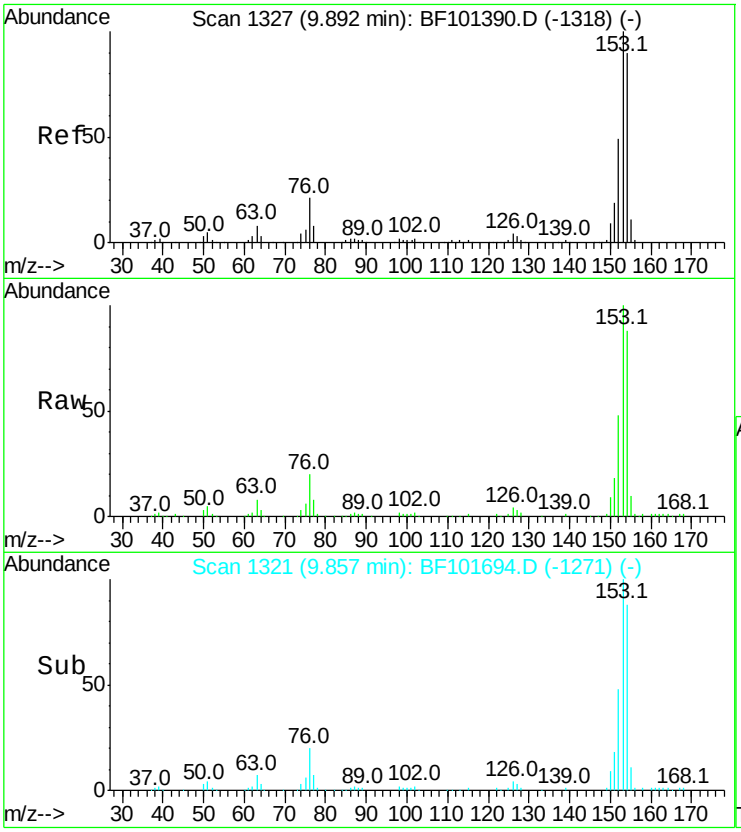


#50
2,6-Dinitrotoluene
Concen: 8.038 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:165 Resp: 33482

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.0	44.0	66.0#



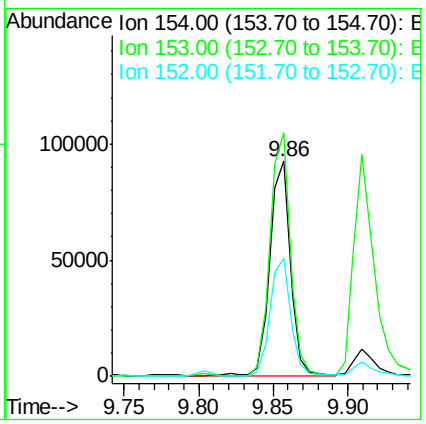


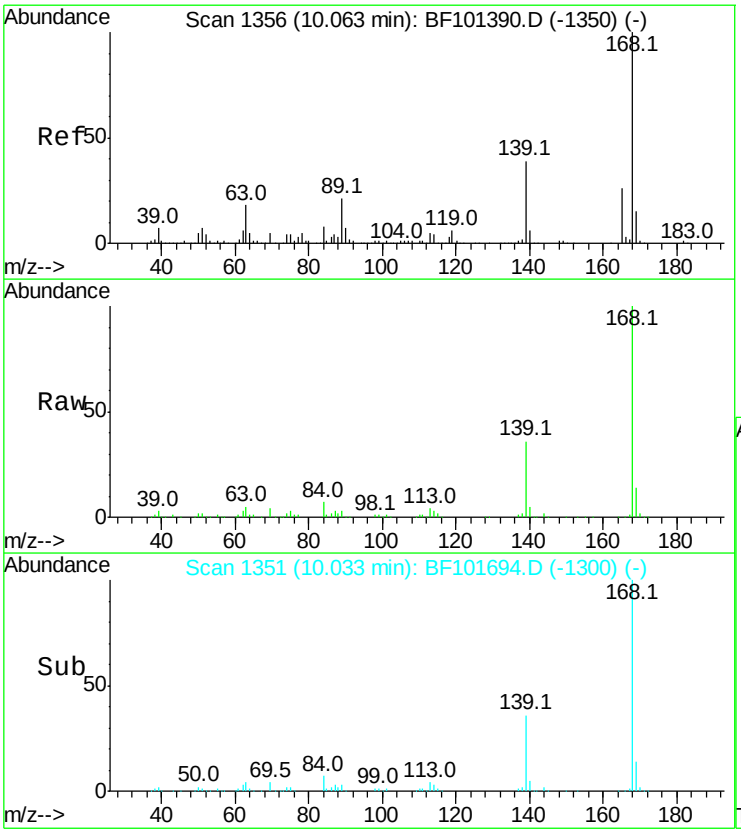
#51
Acenaphthene
Concen: 5.452 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:154 Resp: 89450

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	54.8	43.8	65.8

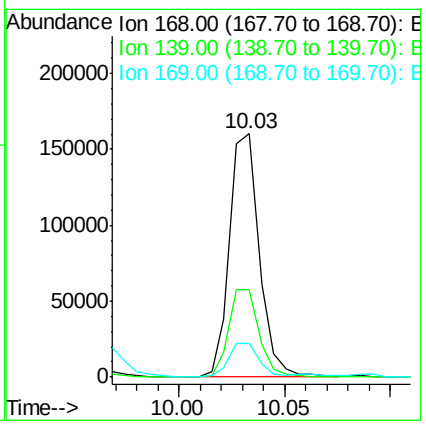


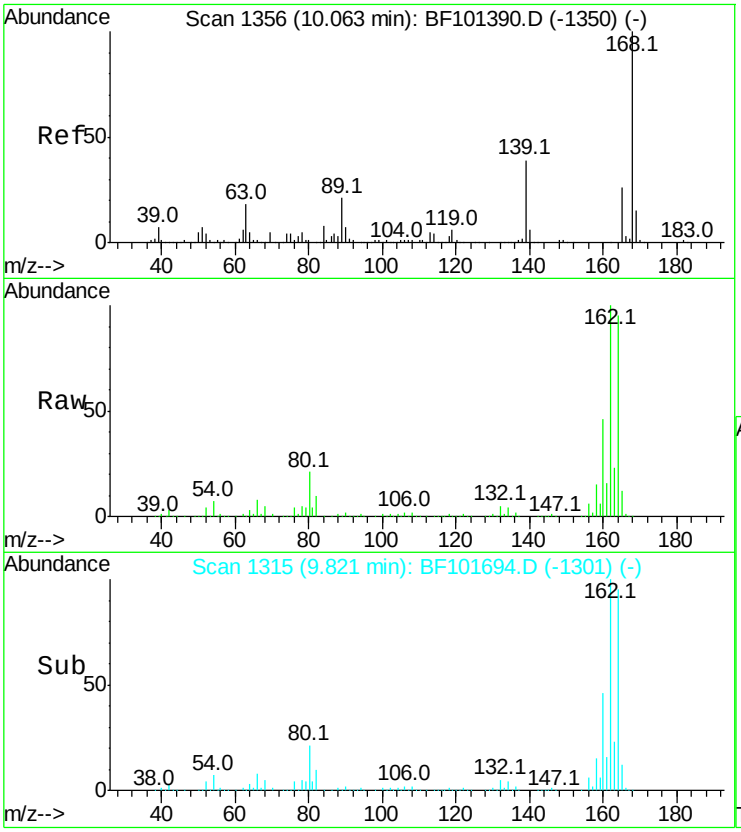


#54
Dibenzofuran
Concen: 7.450 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:168 Resp: 155335

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	14.1	10.9	16.3



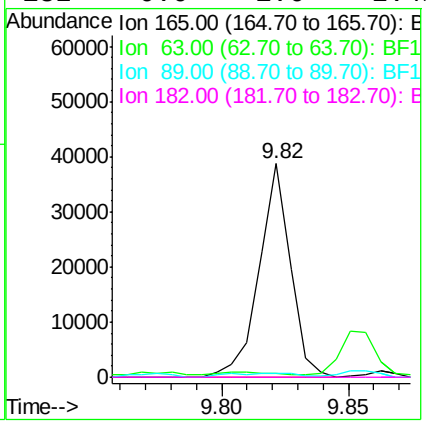


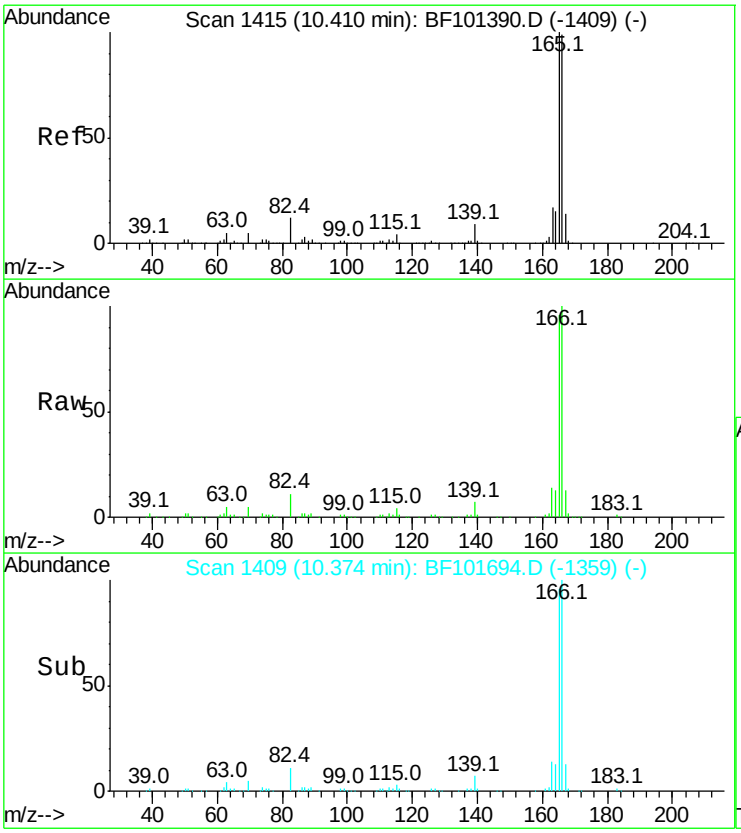
#56
2,4-Dinitrotoluene
Concen: 7.135 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:165 Resp: 33482

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

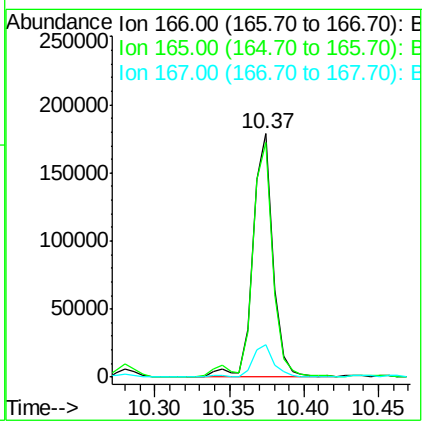


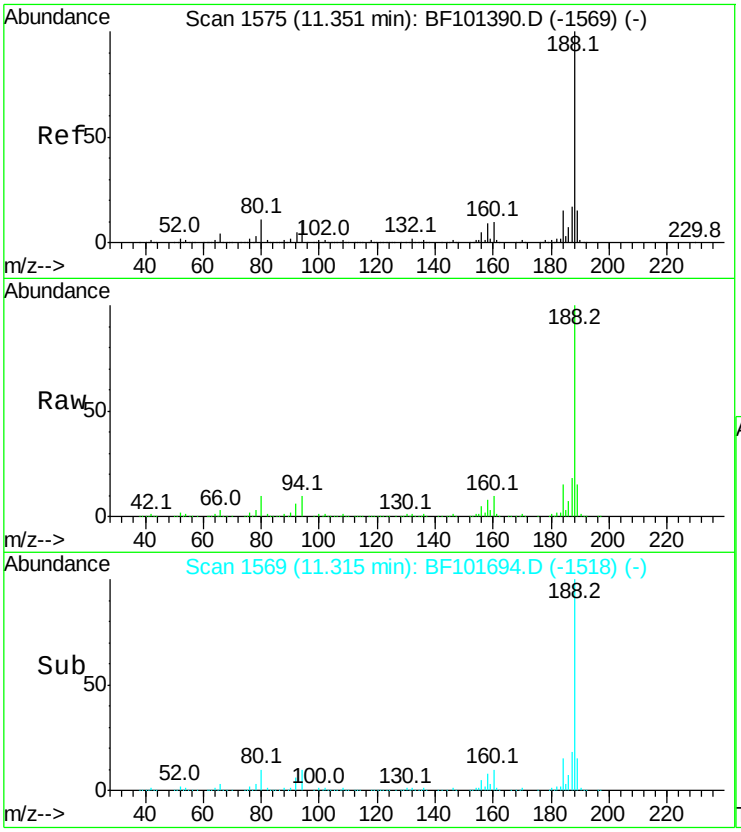


#57
Fluorene
Concen: 9.314 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:166 Resp: 164272

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.8	119.8
167	13.4	10.6	16.0



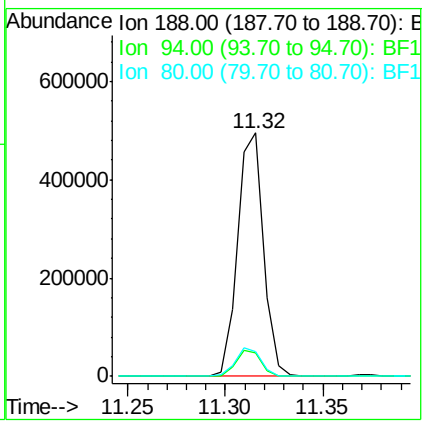


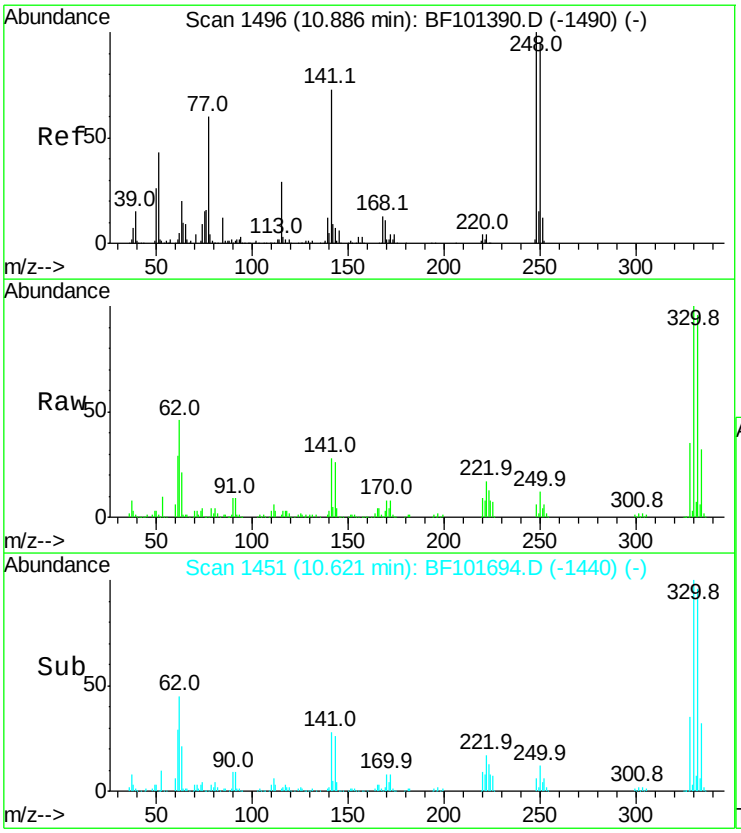
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:188 Resp: 454801

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8

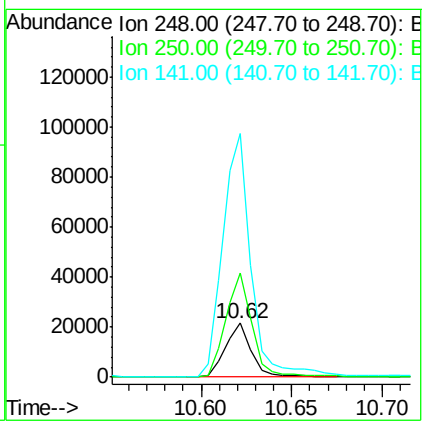


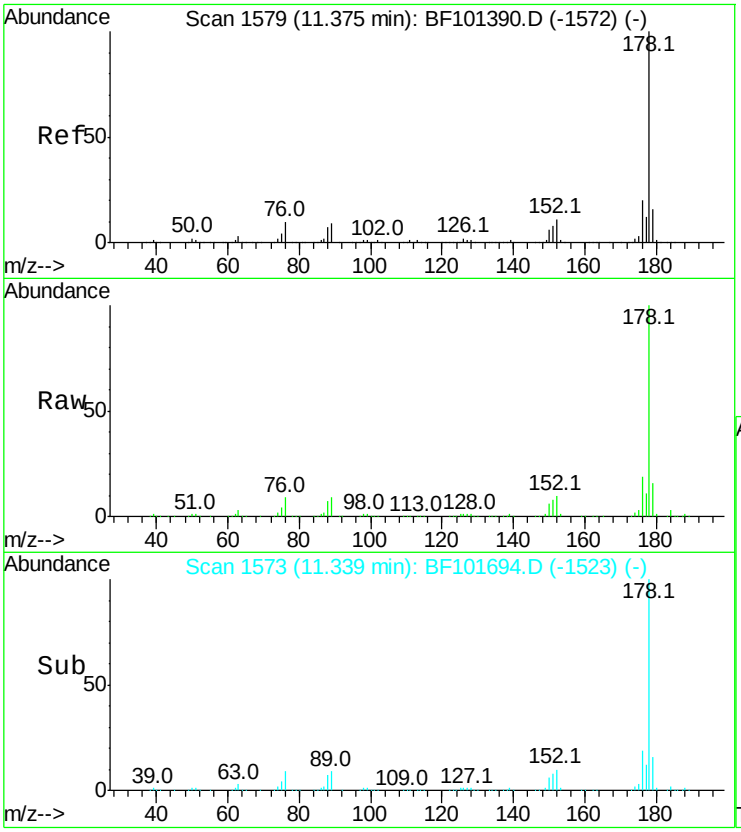


#66
4-Bromophenyl-phenylether
Concen: 4.200 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:248 Resp: 21464

Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.9	115.3#
141	452.1	74.4	111.6#



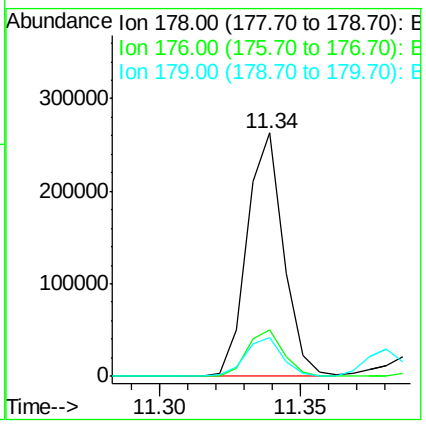


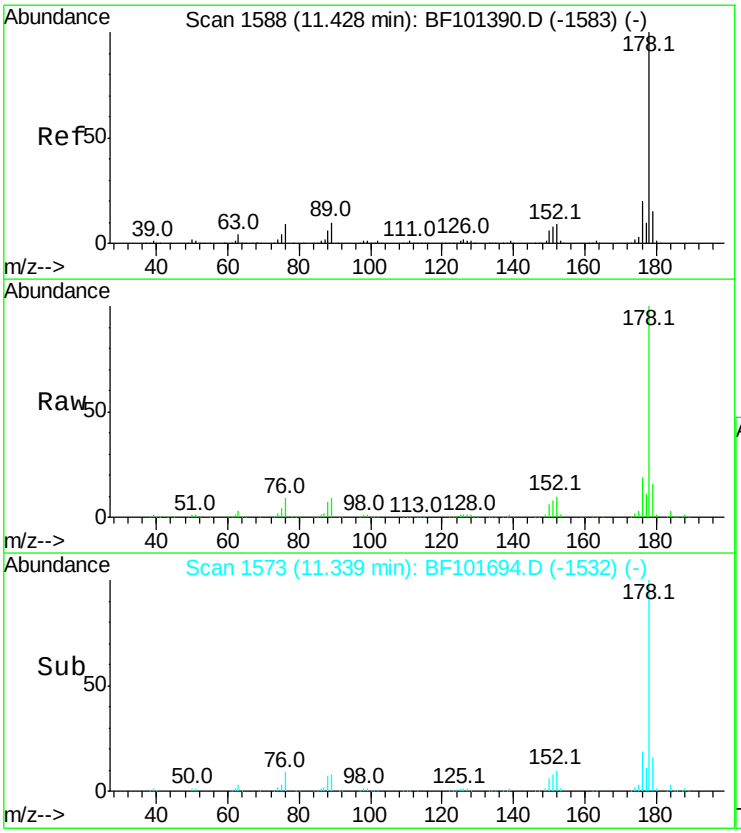
#70
Phenanthrene
Concen: 9.306 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:178 Resp: 235368

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	13.0	19.6

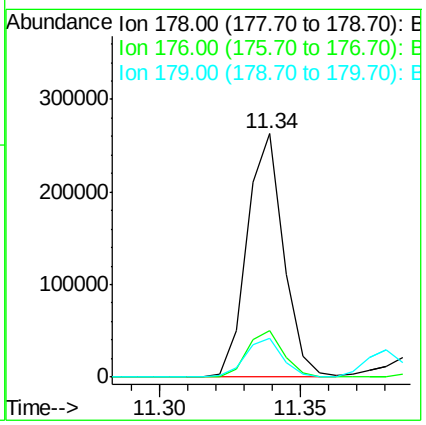


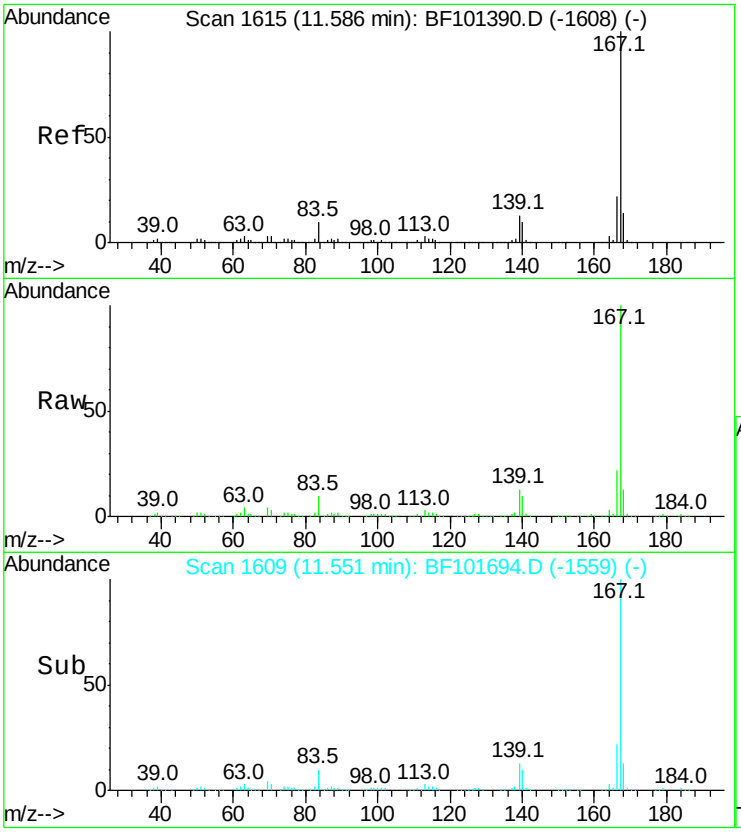


#71
Anthracene
Concen: 9.110 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.06 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:178 Resp: 235368

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0



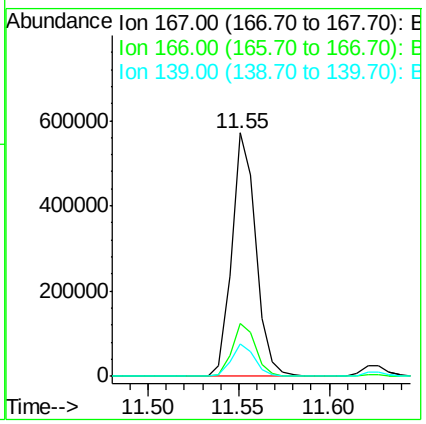


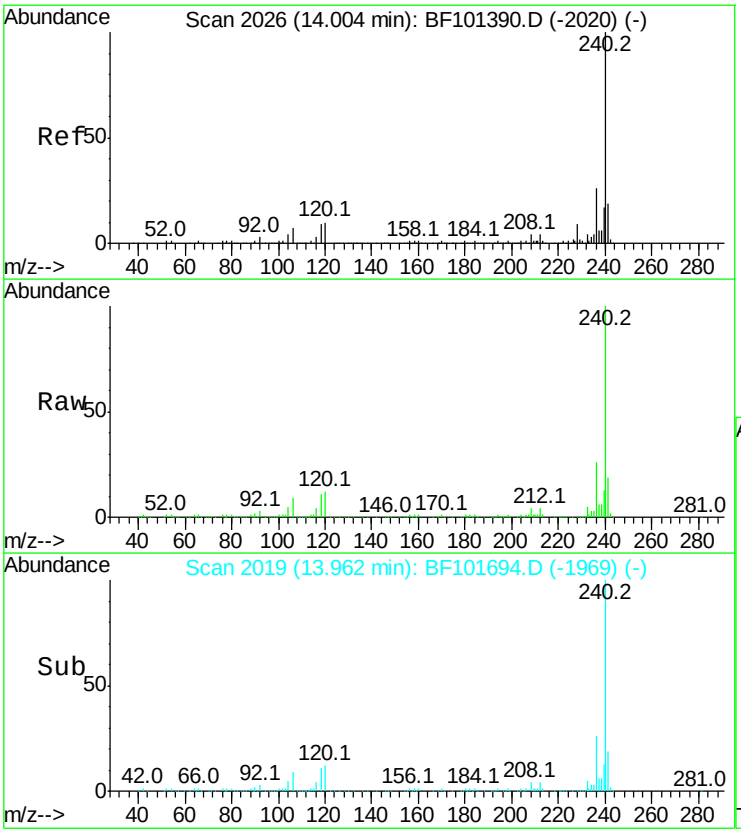
#72
Carbazole
Concen: 21.763 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:167 Resp: 526416

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.4	10.9	16.3

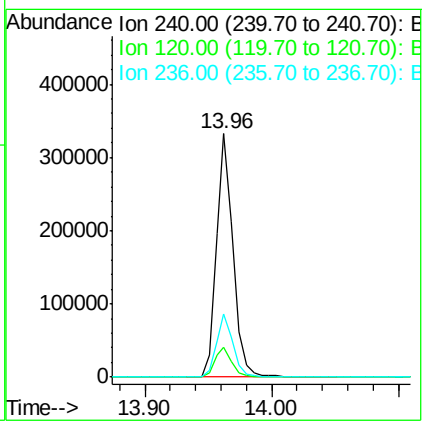


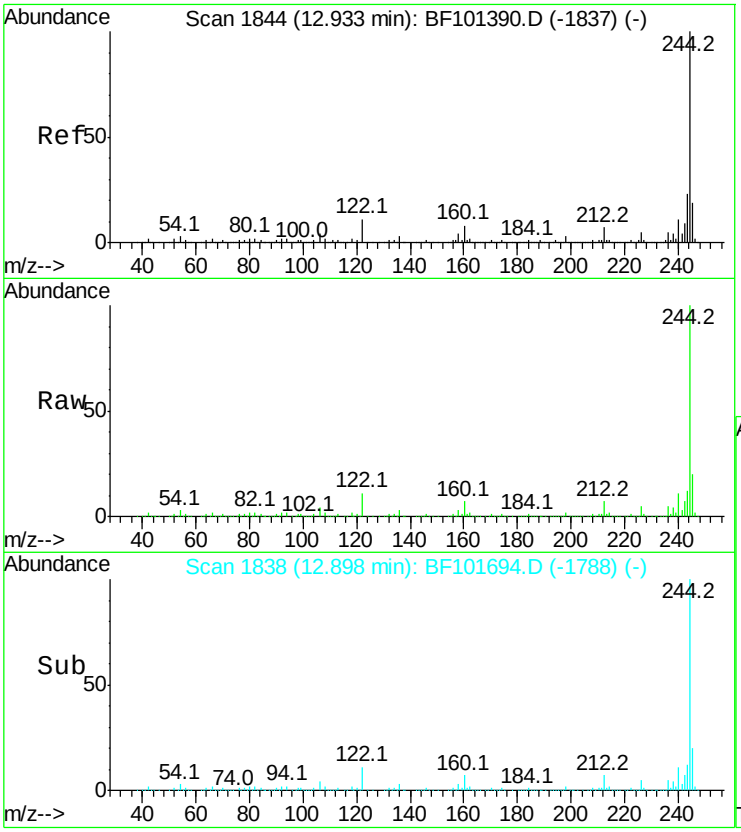


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:240 Resp: 306239

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.0	20.7	31.1



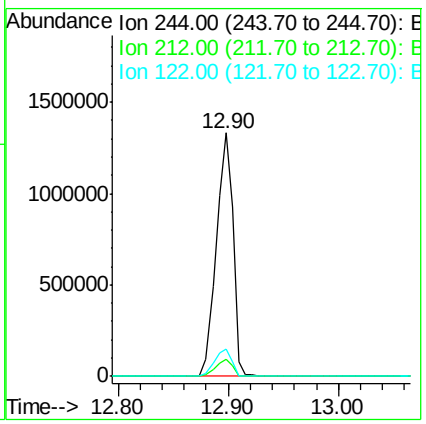


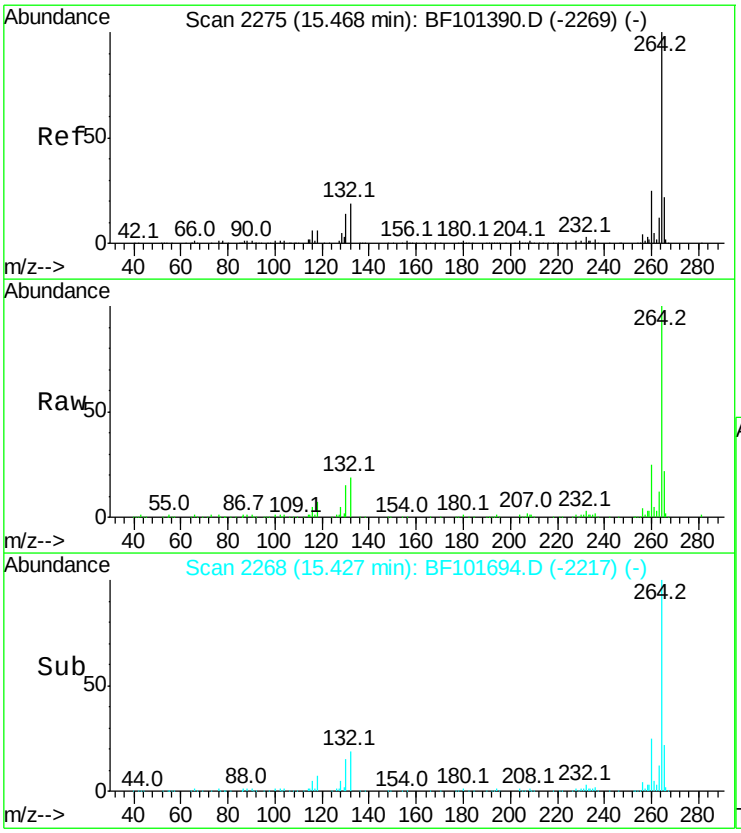
#78
Terphenyl-d14
Concen: 109.632 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Tgt Ion:244 Resp: 1392650

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	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: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:264 Resp: 272061

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3