Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109969.D
Acq On : 18 Oct 2018 20:04
Operator : JU/SJ
Sample : J5539-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 19 02:24:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149207	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	542421	20.00	ng		0.00
39) Acenaphthene-d10	10.03	164	221939	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	381752	20.00	ng		0.00
76) Chrysene-d12	14.15	240	370951	20.00	ng		-0.01
87) Perylene-d12	15.67	264	386381	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	240936	25.60	ng		-0.02
7) Phenol-d6	6.58	99	307154	26.28	ng		-0.02
23) Nitrobenzene-d5	7.53	82	198264	24.62	ng		-0.02
42) 2,4,6-Tribromophenol	10.82	330	45252	23.55	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	255239	18.35	ng		0.00
79) Terphenyl-d14	13.09	244	242896	13.75	ng		-0.01
Target Compounds							Qvalue
18) Hexachloroethane	7.50	117	103259	25.094	ng	#	1
19) n-Nitroso-di-n-propylamine	7.40	70	45253	6.030	ng	#	64
24) Nitrobenzene	7.55	77	20172	2.306	ng	#	49
25) Isophorone	7.79	82	142913	9.033	ng	#	1
26) 2-Nitrophenol	7.87	139	10183	2.808	ng	#	1
27) 2,4-Dimethylphenol	7.92	122	19660	2.580	ng	#	31
31) Naphthalene	8.29	128	291746	11.729	ng	#	89
35) Caprolactam	8.71	113	14435	5.498	ng	#	1
37) 2-Methylnaphthalene	8.98	142	369919	22.967	ng		99
38) 1-Methylnaphthalene	9.08	142	989803	63.420	ng	#	100
49) Acenaphthylene	9.89	152	60640	2.866	ng	#	1
50) Dimethylphthalate	9.73	163	33831	2.153	ng	#	54
51) 2,6-Dinitrotoluene	9.79	165	11677	3.912	ng	#	80
52) Acenaphthene	10.06	154	105430	7.826	ng	#	65
53) 3-Nitroaniline	9.98	138	14502	3.994	ng	#	25
54) 2,4-Dinitrophenol	10.09	184	1305	10.129	ng	#	1
55) Dibenzofuran	10.23	168	89133	4.639	ng	#	1
56) 4-Nitrophenol	10.13	139	91894	33.169	ng	#	59
57) 2,4-Dinitrotoluene	10.23	165	46158	15.656	ng	#	53
58) Fluorene	10.57	166	217972	15.586	ng	#	90
65) 4,6-Dinitro-2-methylphenol	10.64	198	3104	9.779	ng	#	1
66) n-Nitrosodiphenylamine	10.69	169	339759	26.722	ng	#	51
69) Atrazine	11.20	200	14212	3.578	ng	#	59
71) Phenanthrene	11.55	178	530957	26.865	ng	#	95
72) Anthracene	11.57	178	40174	2.022	ng	#	1
75) Fluoranthene	12.96	202	113060	5.726	ng		89
78) Pyrene	12.96	202	113060	4.150	ng	#	93

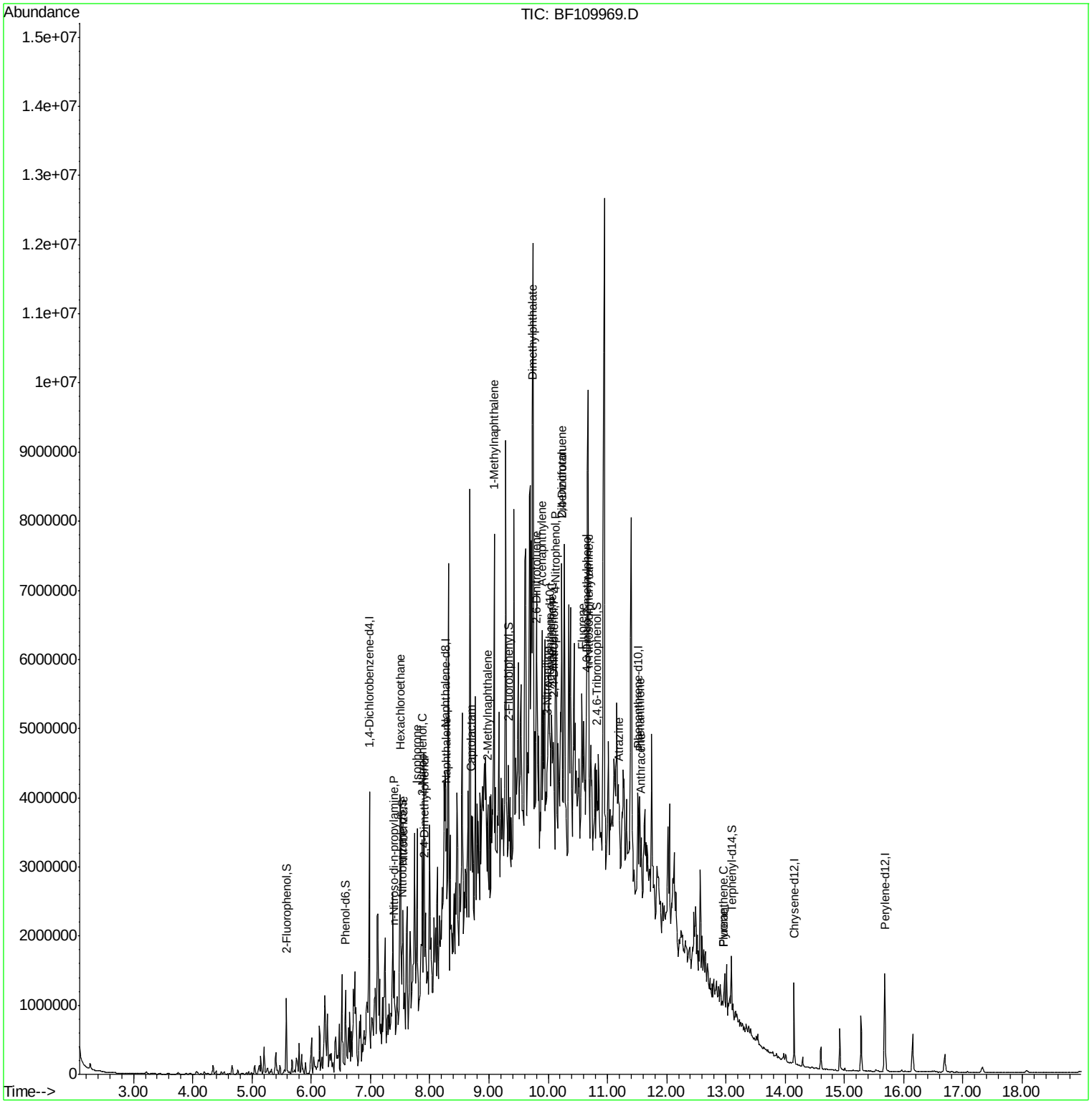
(#) = qualifier out of range (m) = manual integration (+) = signals summed

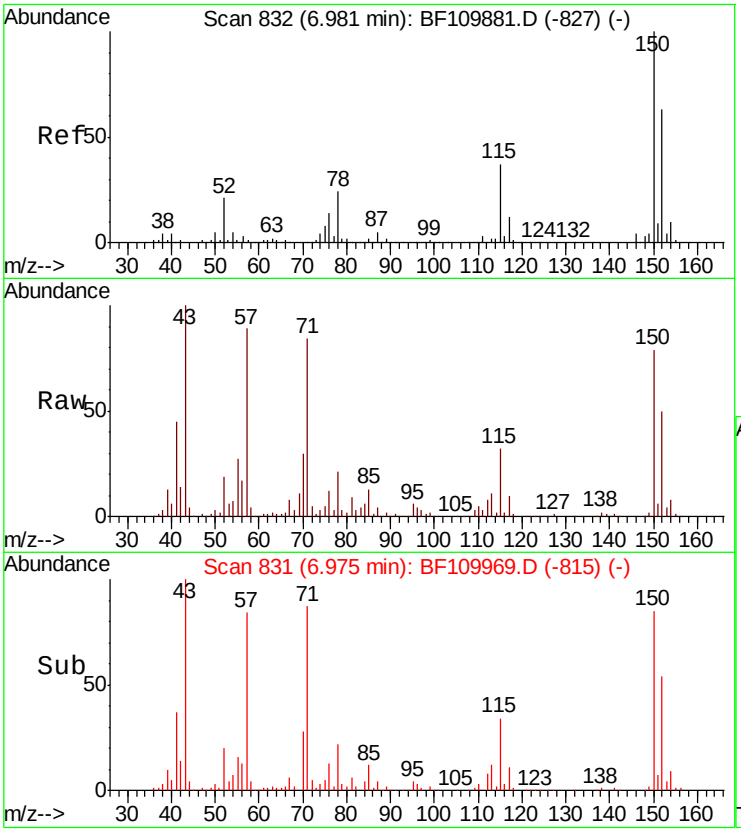
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109969.D
Acq On : 18 Oct 2018 20:04
Operator : JU/SJ
Sample : J5539-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 19 02:24:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



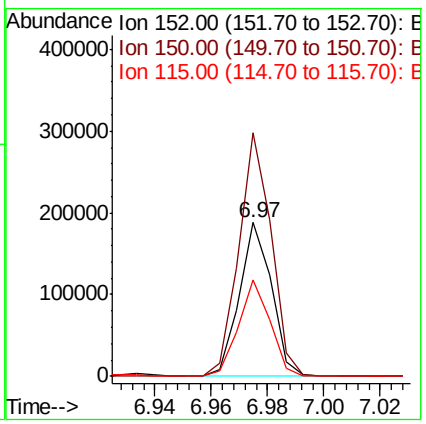


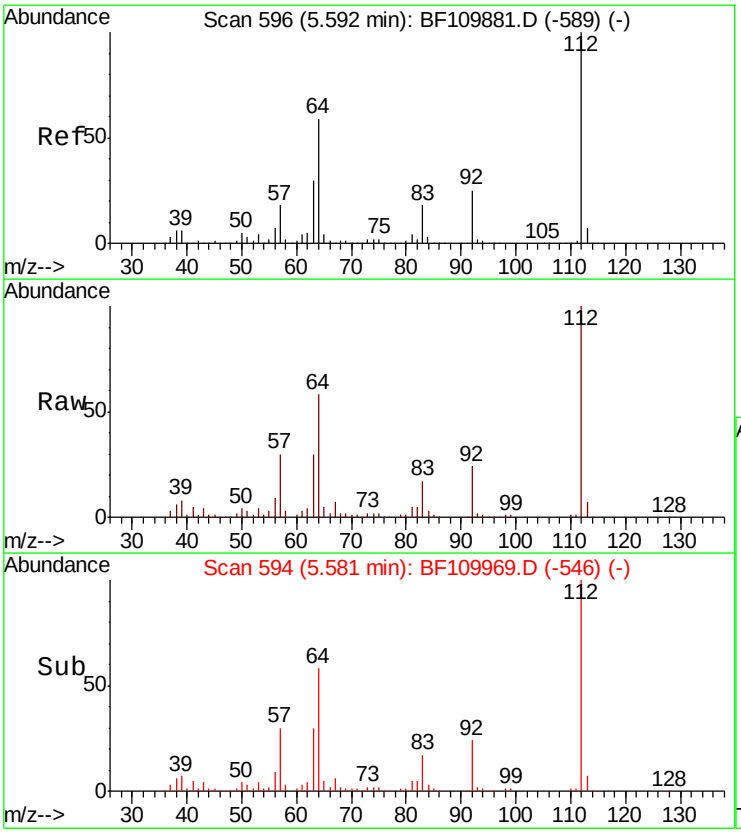
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149207

Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	63.2	49.1	73.7

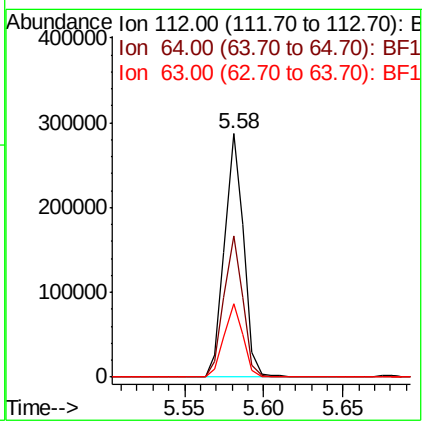


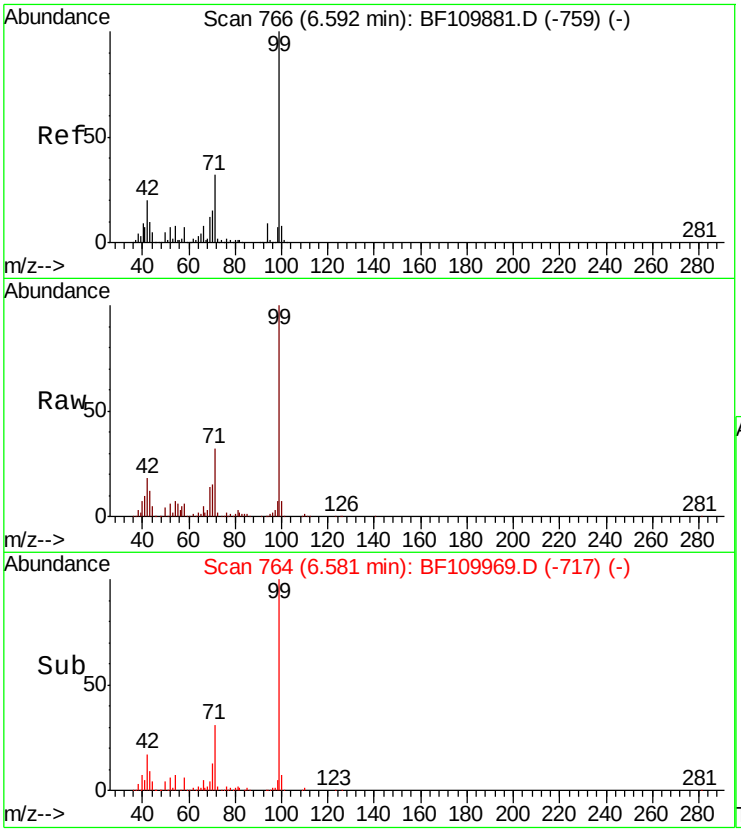


#5
2-Fluorophenol
Concen: 25.596 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:112 Resp: 240936

Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	30.3	23.7	35.5



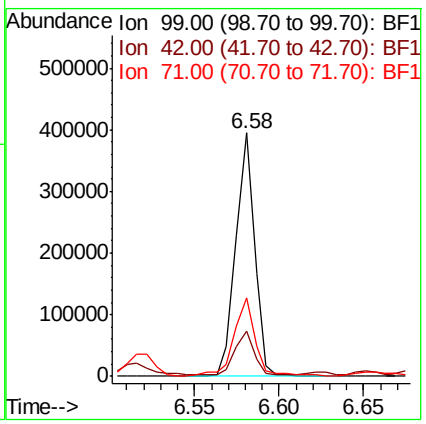


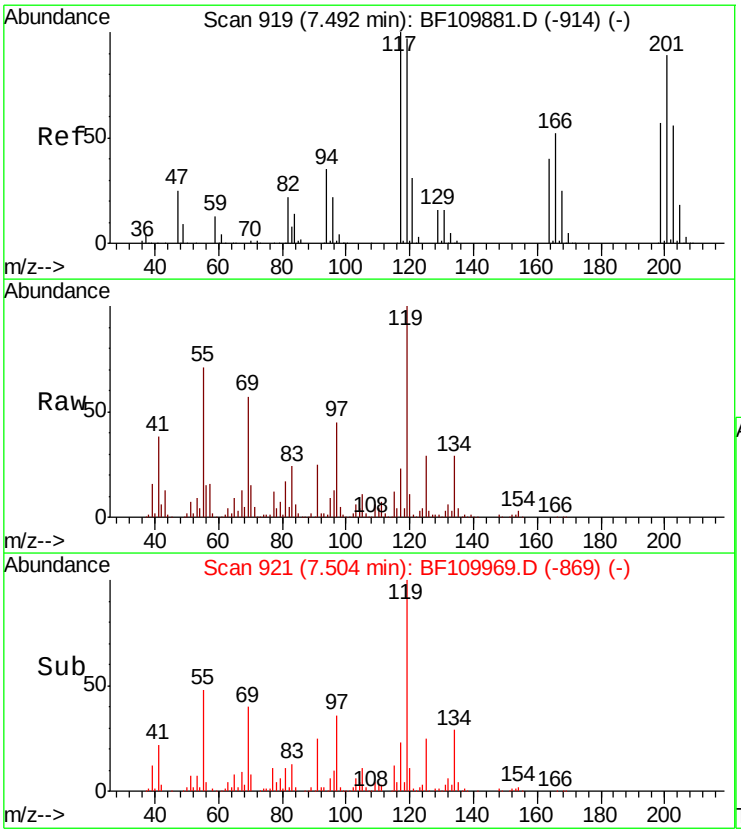
#7
Phenol-d6
Concen: 26.279 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 307154

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	32.1	28.0	42.0

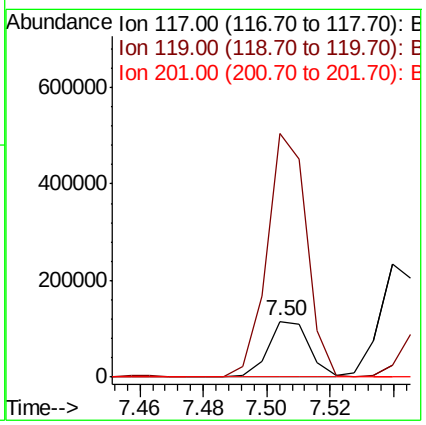


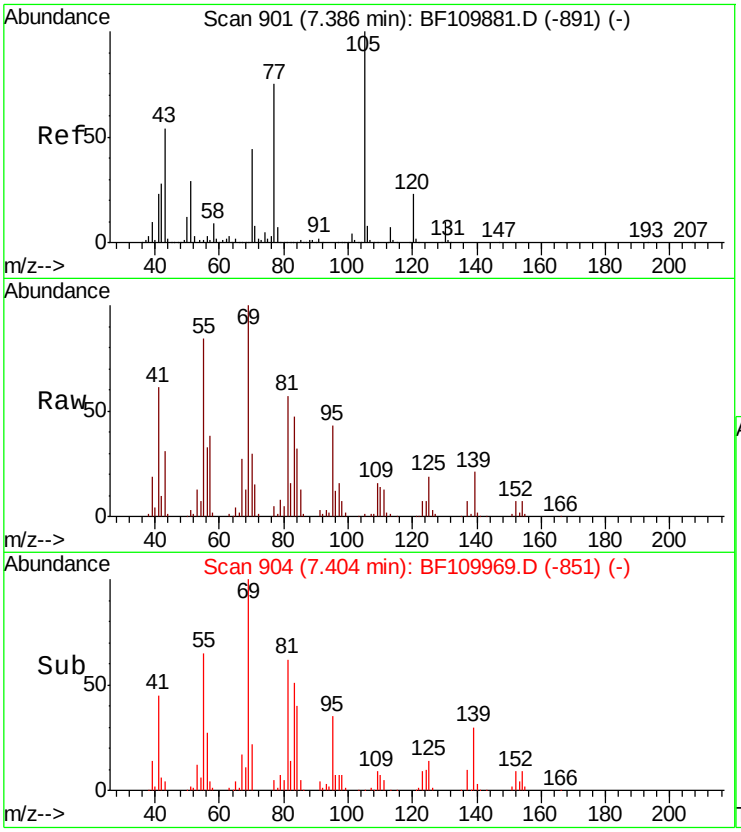


#18
Hexachloroethane
Concen: 25.094 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:117 Resp: 103259

Ion	Ratio	Lower	Upper
117	100		
119	434.5	75.0	112.6#
201	0.0	79.2	118.8#



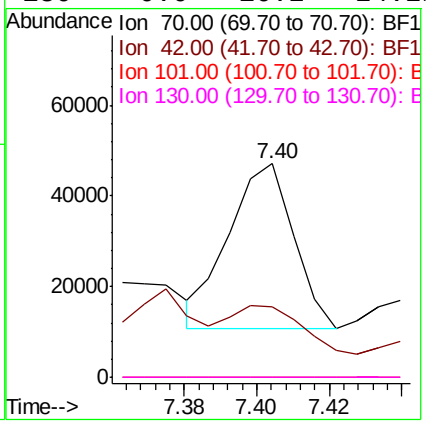


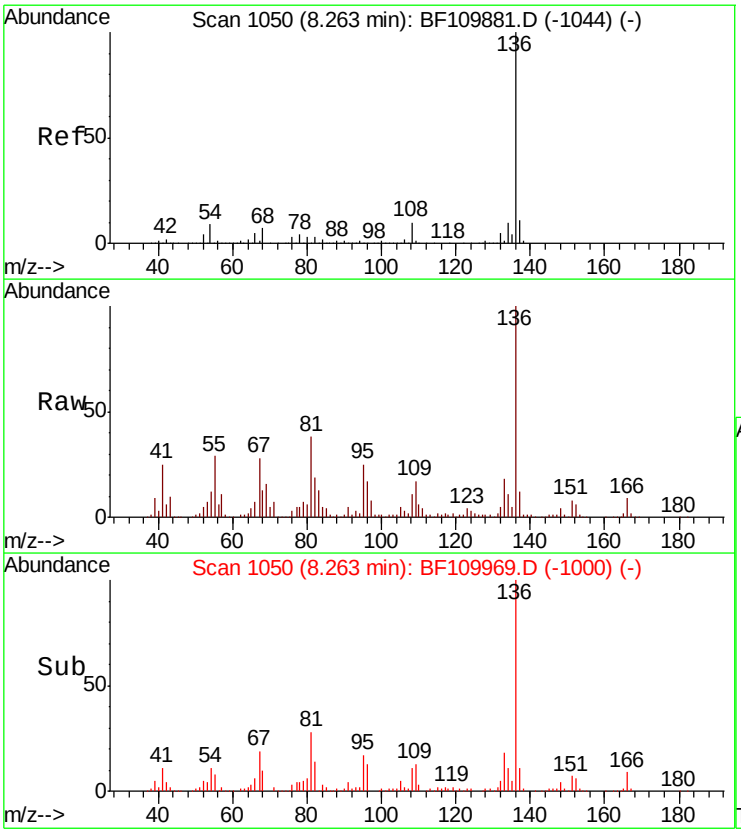
#19
n-Nitroso-di-n-propylamine
Concen: 6.030 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 45253

Ion	Ratio	Lower	Upper
70	100		
42	33.2	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#

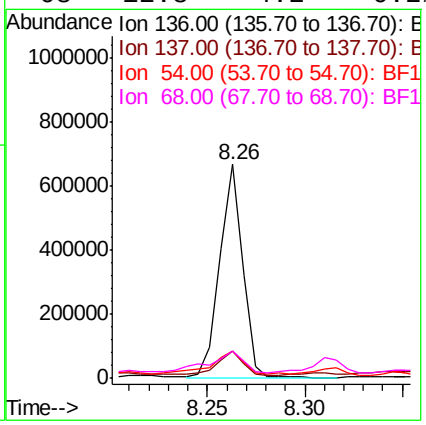


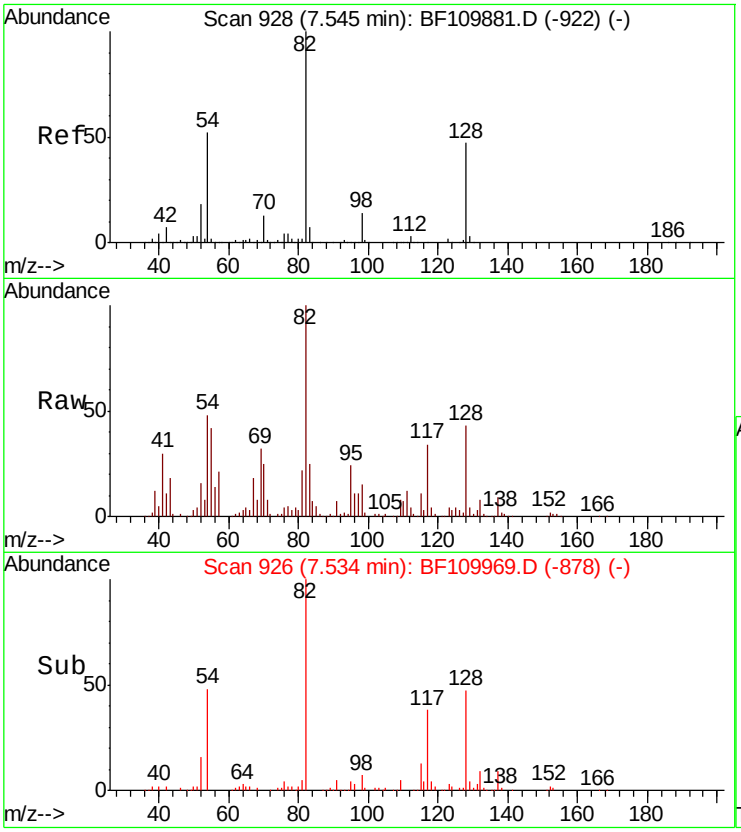


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:136 Resp: 542421

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.8	13.2
54	12.4	5.4	8.2#
68	12.8	4.2	6.2#



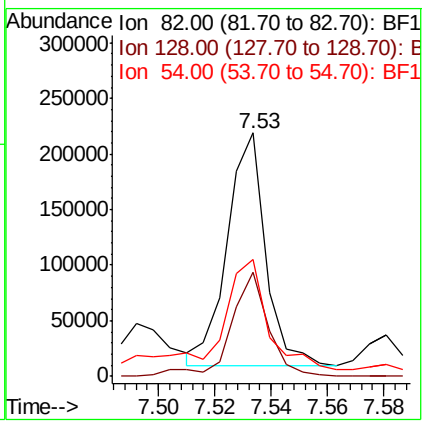


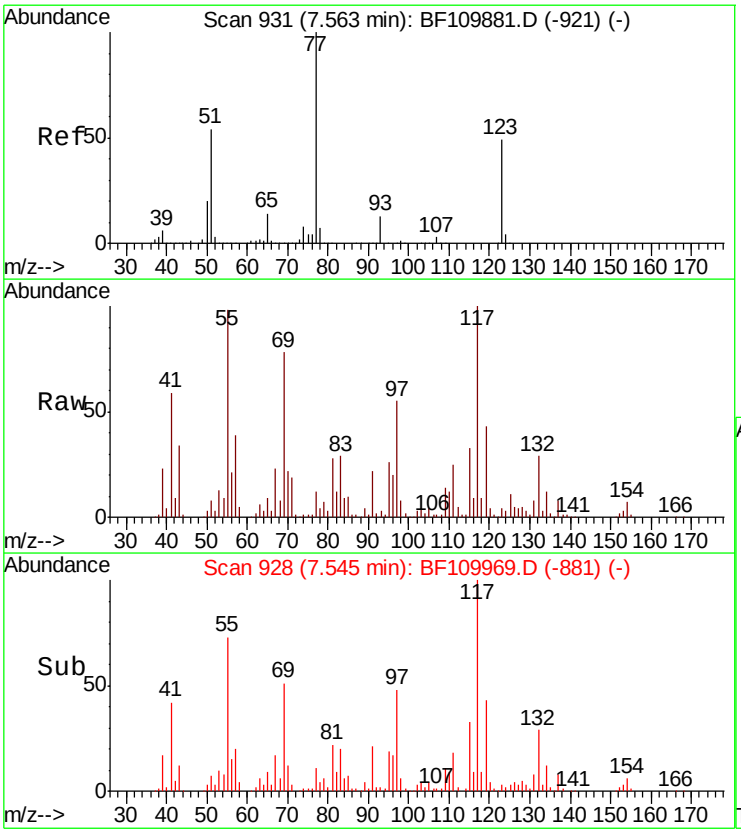
#23
Nitrobenzene-d5
Concen: 24.623 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 198264

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	48.1	38.6	58.0

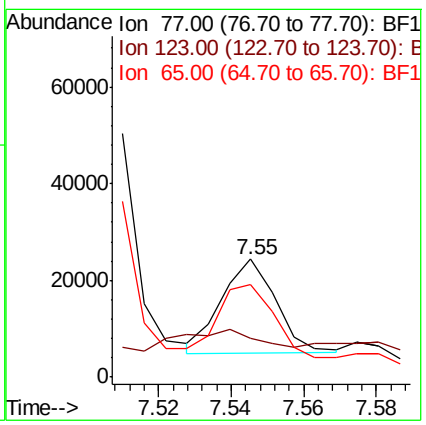


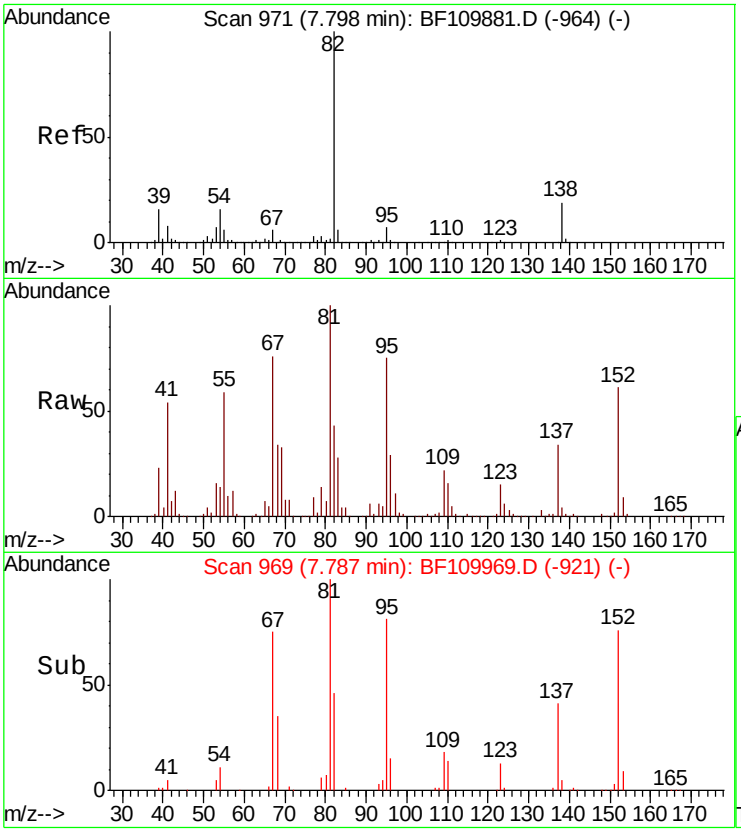


#24
Nitrobenzene
Concen: 2.306 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion: 77 Resp: 20172

Ion	Ratio	Lower	Upper
77	100		
123	33.1	35.7	53.5#
65	78.8	10.7	16.1#



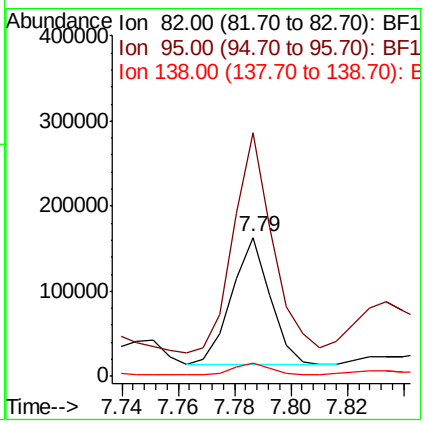


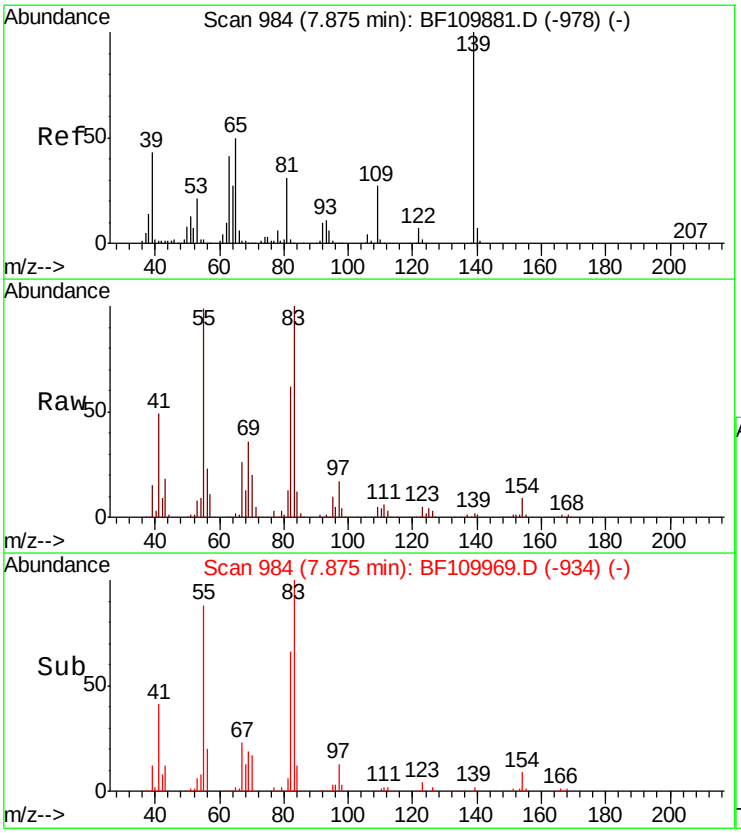
#25
Isophorone
Concen: 9.033 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 142913

Ion	Ratio	Lower	Upper
82	100		
95	175.3	5.7	8.5#
138	9.3	13.2	19.8#

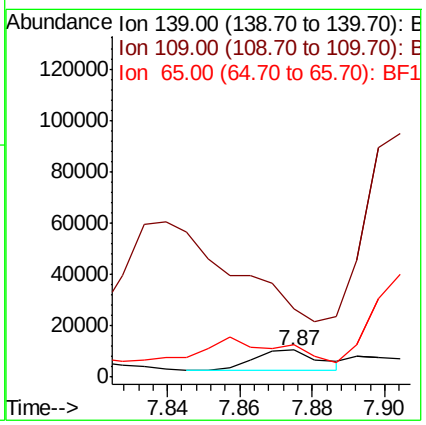


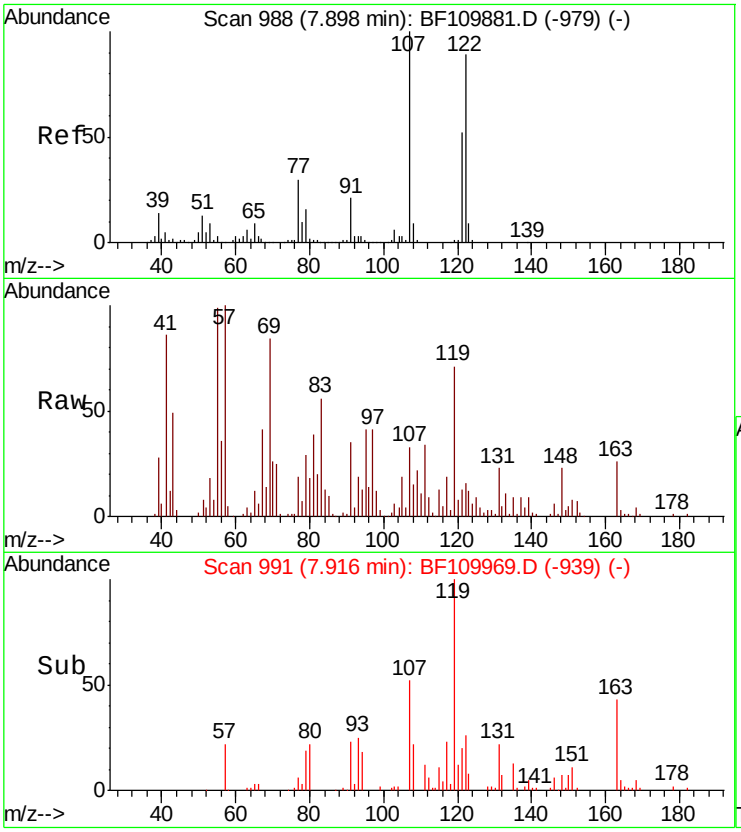


#26
2-Nitrophenol
Concen: 2.808 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:139 Resp: 10183

Ion	Ratio	Lower	Upper
139	100		
109	249.3	25.0	37.6#
65	119.7	44.0	66.0#



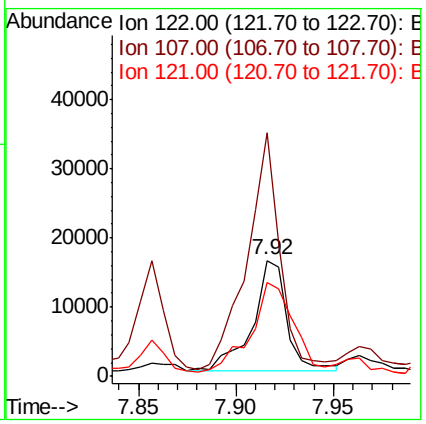


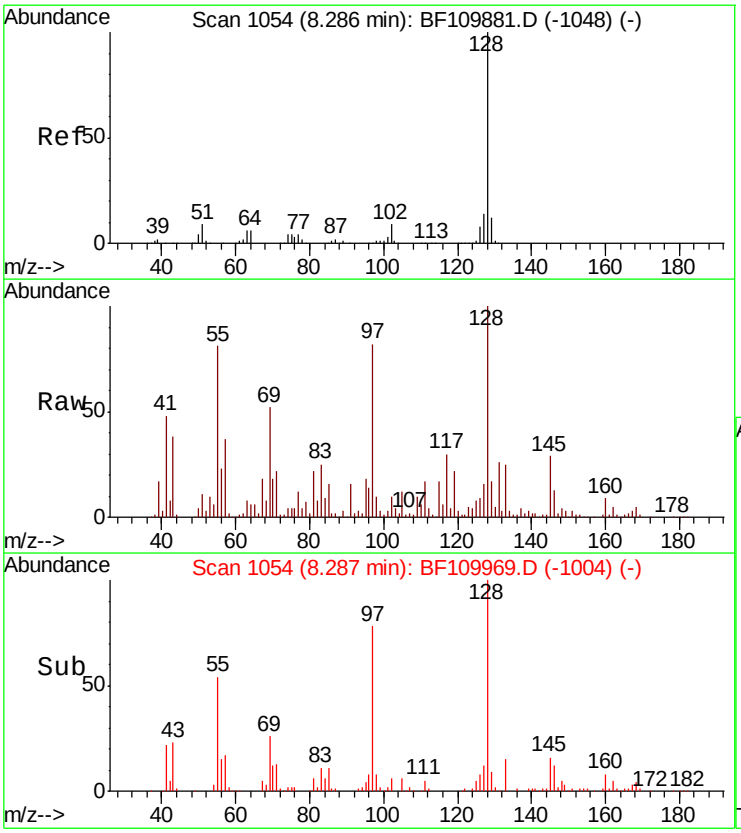
#27
2,4-Dimethylphenol
Concen: 2.580 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 19660

Ion	Ratio	Lower	Upper
122	100		
107	210.2	92.5	138.7#
121	81.3	45.8	68.8#

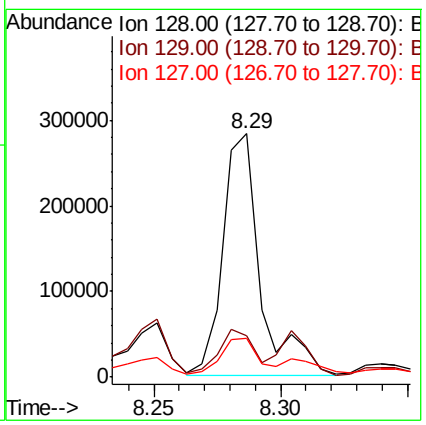


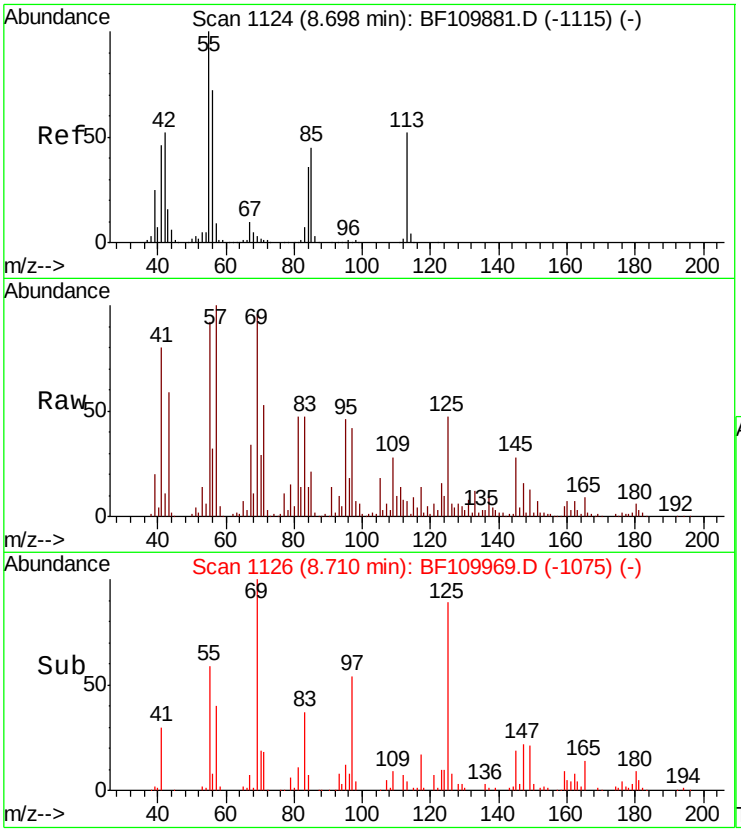


#31
Naphthalene
Concen: 11.729 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:128 Resp: 291746

Ion	Ratio	Lower	Upper
128	100		
129	16.9	8.8	13.2#
127	16.2	10.8	16.2



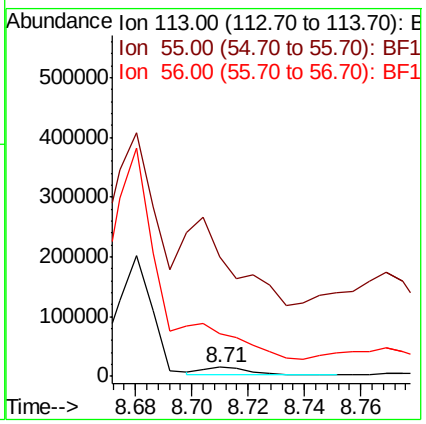


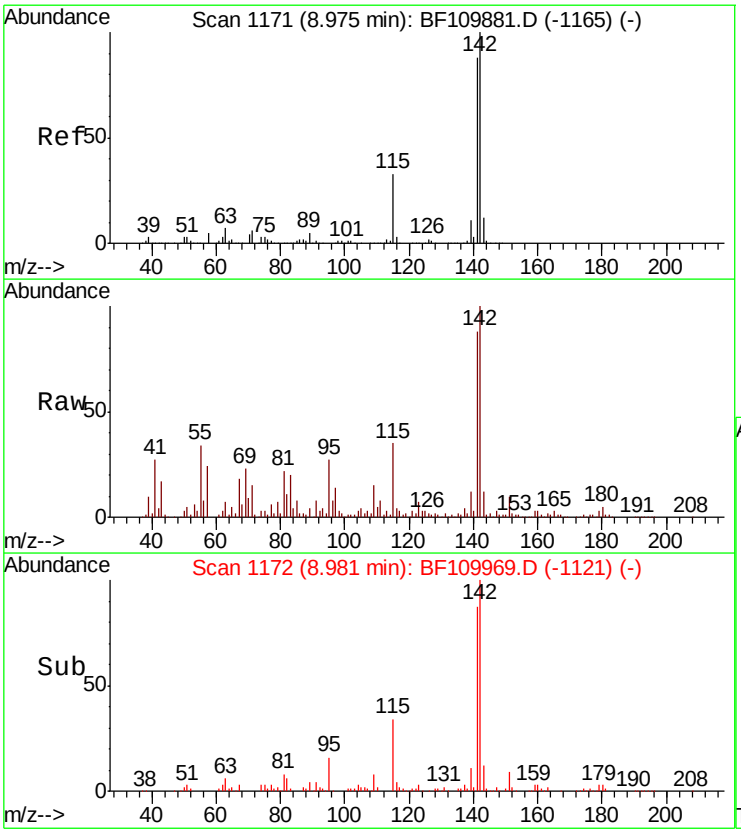
#35
Caprolactam
Concen: 5.498 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 14435

Ion	Ratio	Lower	Upper
113	100		
55	1339.0	142.8	182.8#
56	469.6	105.0	145.0#

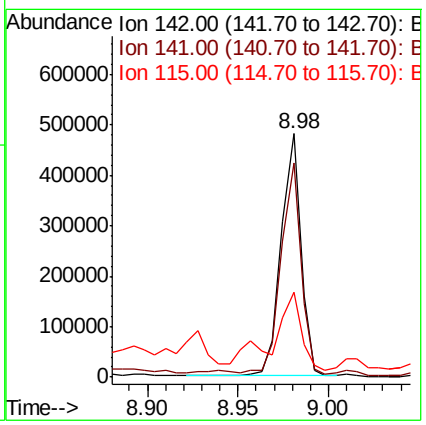


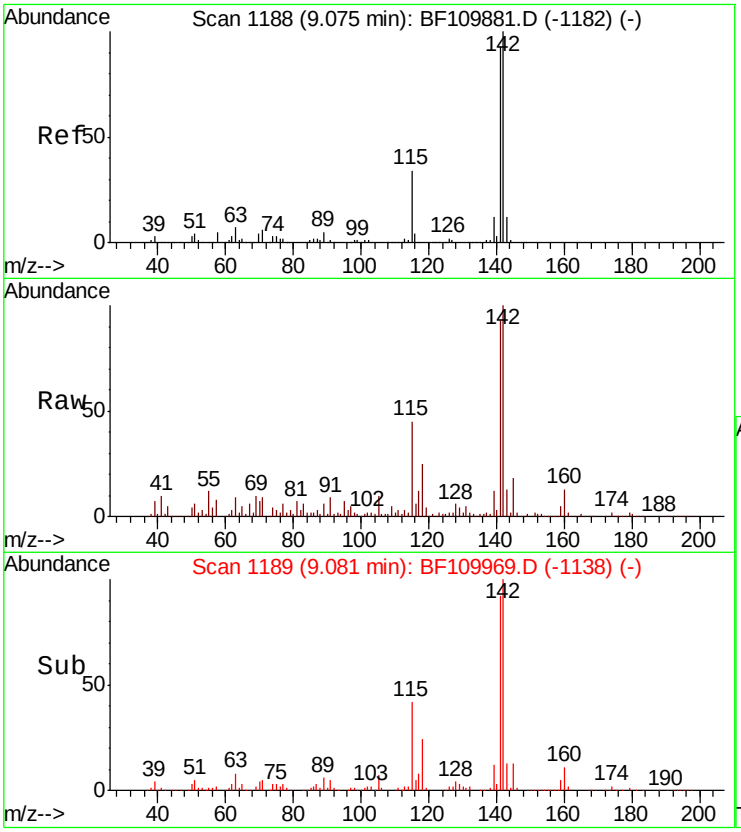


#37
2-Methylnaphthalene
Concen: 22.967 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:142 Resp: 369919

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	34.9	28.7	43.1



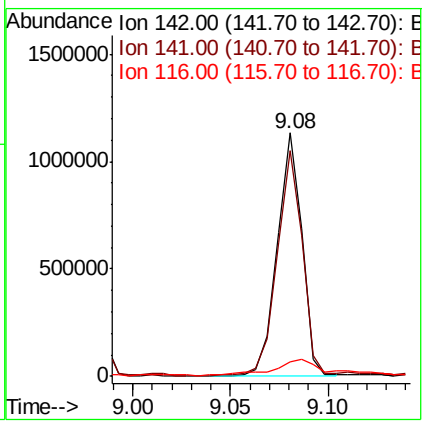


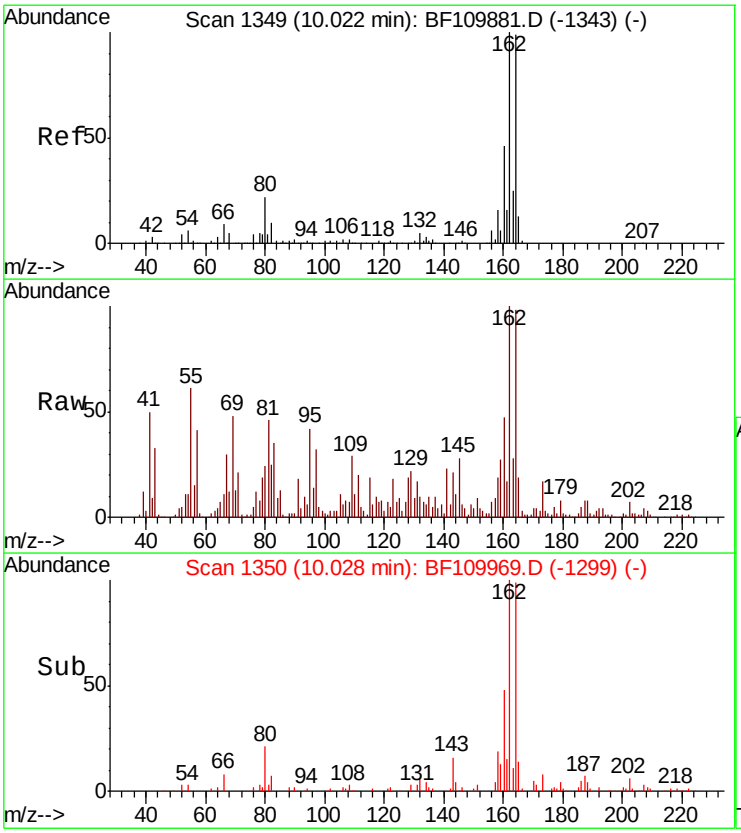
#38
1-Methylnaphthalene
Concen: 63.420 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 989803

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	6.2	2.6	4.0#

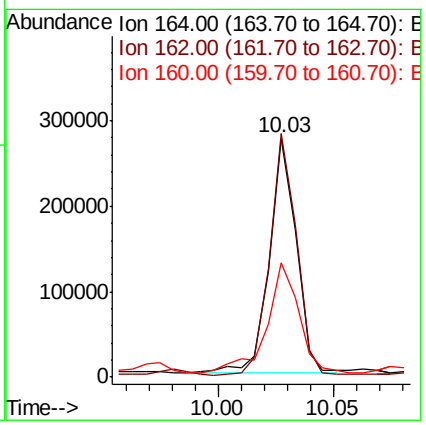


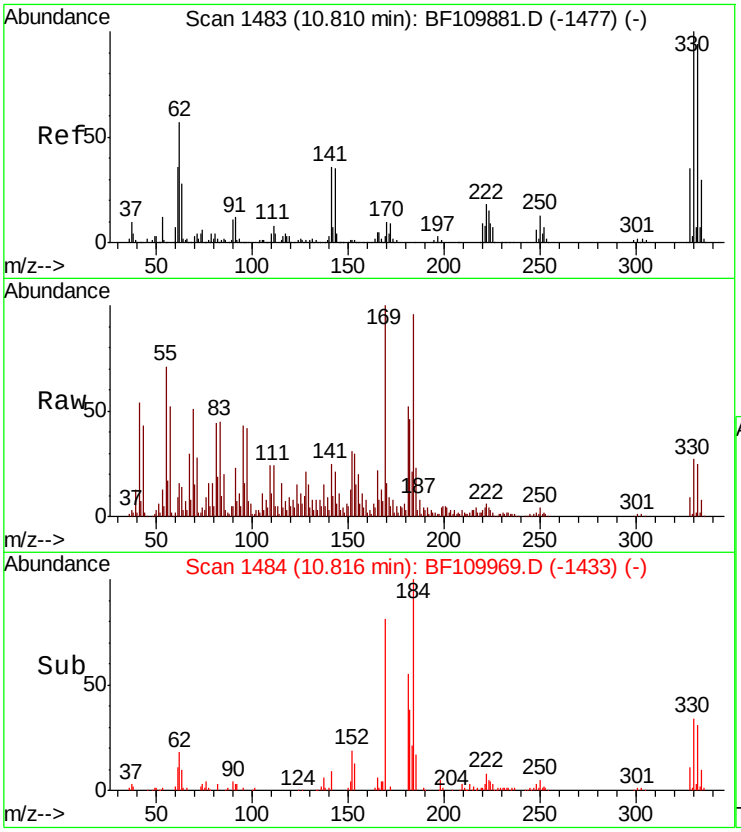


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:164 Resp: 221939

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	48.2	37.0	55.6



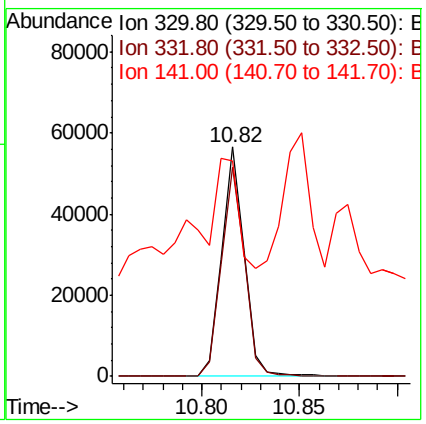


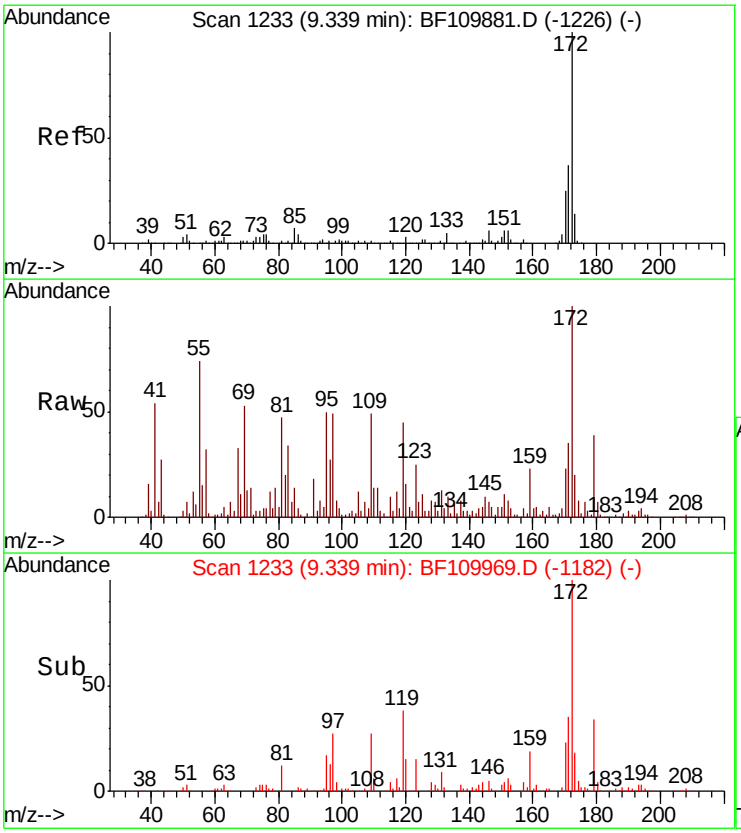
#42
2,4,6-Tribromophenol
Concen: 23.550 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 45252

Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.1	115.7
141	101.3	27.0	40.4#

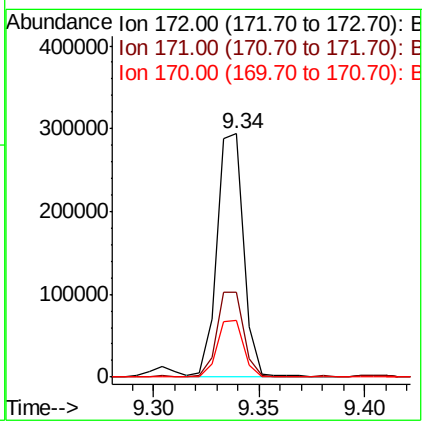


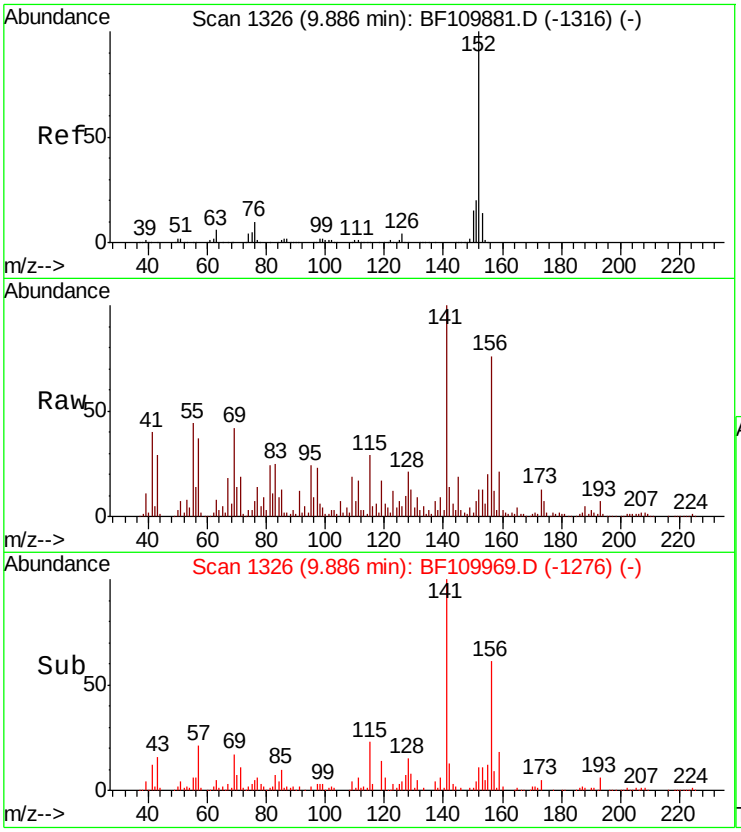


#45
2-Fluorobiphenyl
Concen: 18.351 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:172 Resp: 255239

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.5	19.7	29.5



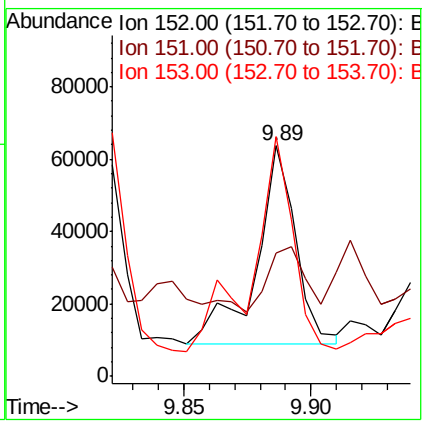


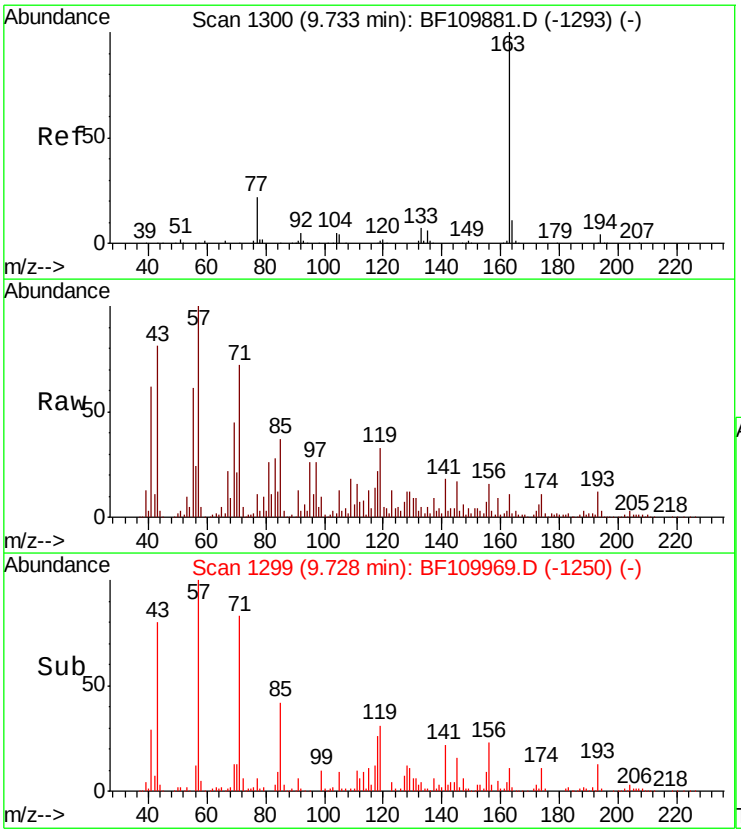
#49
Acenaphthylene
Concen: 2.866 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60640

Ion	Ratio	Lower	Upper
152	100		
151	53.5	15.8	23.8#
153	104.1	10.4	15.6#

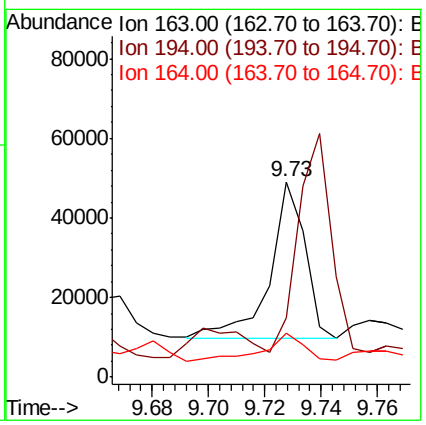


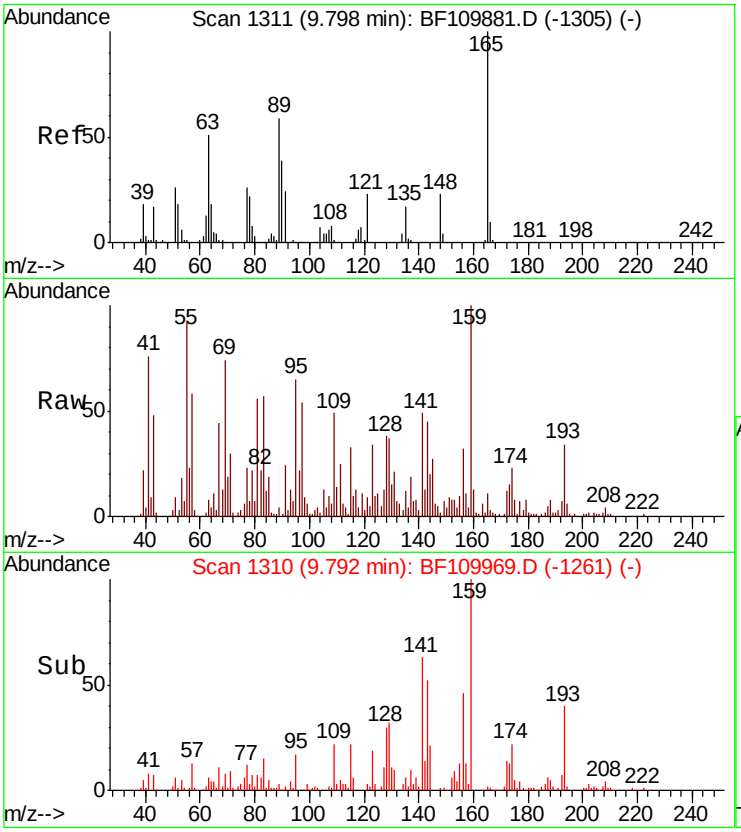


#50
Dimethylphthalate
Concen: 2.153 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:163 Resp: 33831

Ion	Ratio	Lower	Upper
163	100		
194	30.4	3.2	4.8#
164	22.2	8.1	12.1#



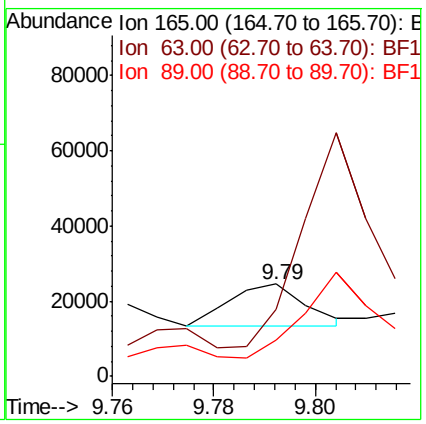


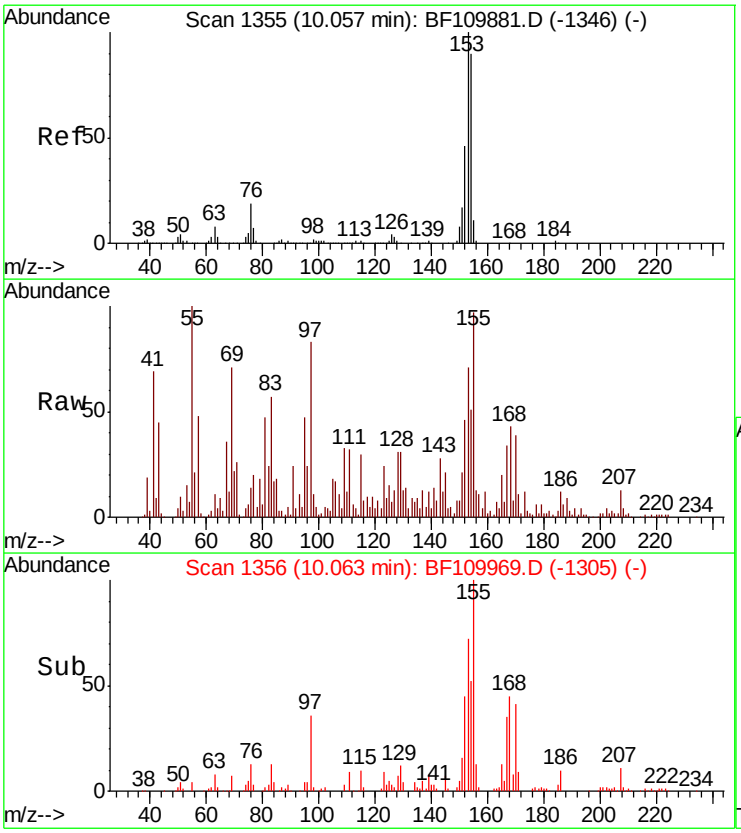
#51
2,6-Dinitrotoluene
Concen: 3.912 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11677

Ion	Ratio	Lower	Upper
165	100		
63	72.5	48.9	73.3
89	39.6	46.6	69.8#

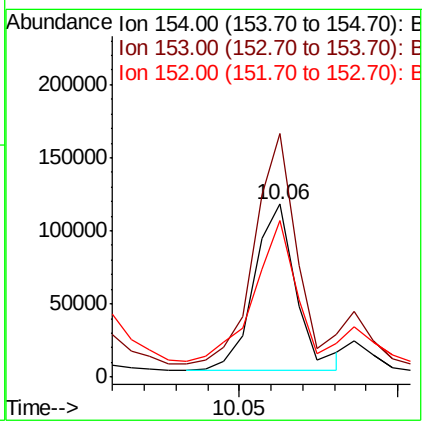


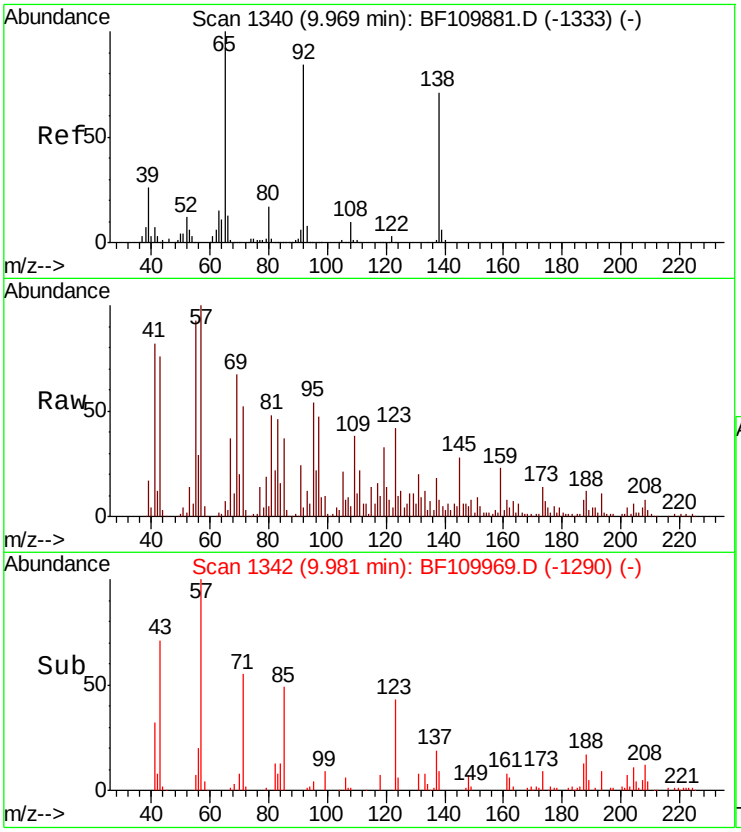


#52
Acenaphthene
Concen: 7.826 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:154 Resp: 105430

Ion	Ratio	Lower	Upper
154	100		
153	141.0	90.1	135.1#
152	91.0	43.4	65.2#



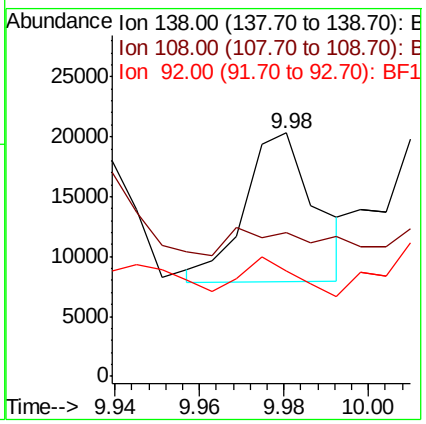


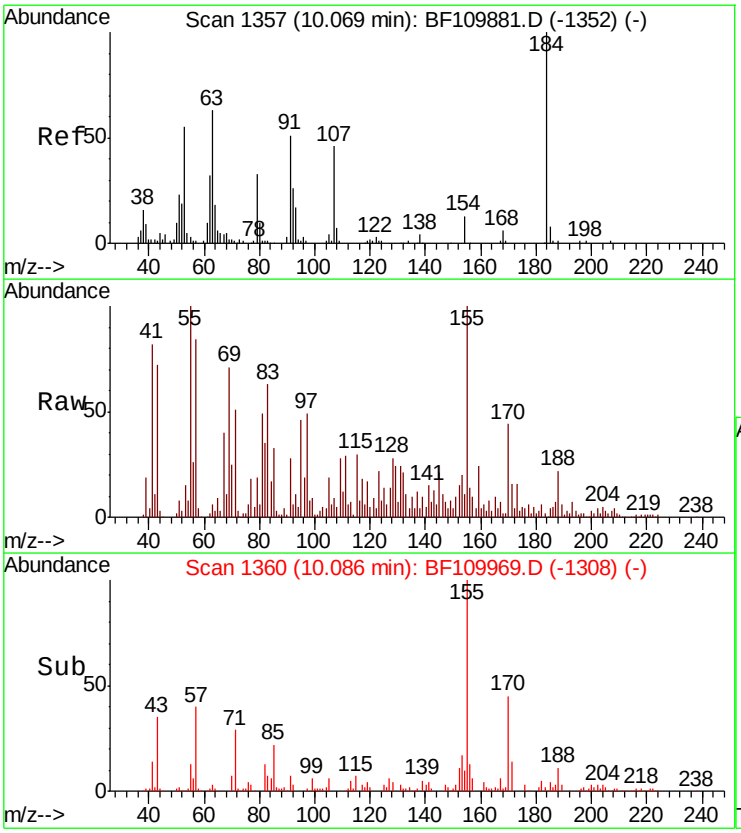
#53
3-Nitroaniline
Concen: 3.994 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 14502

Ion	Ratio	Lower	Upper
138	100		
108	59.2	8.7	13.1#
92	43.2	97.0	145.4#

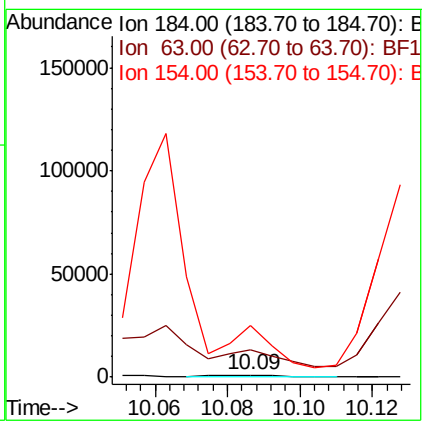


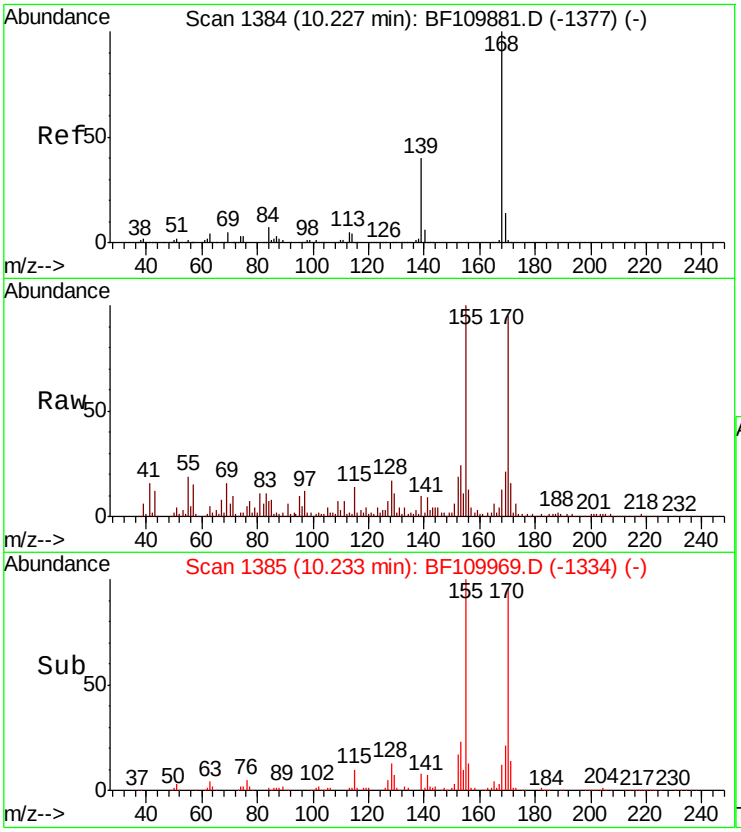


#54
2,4-Dinitrophenol
Concen: 10.129 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:184 Resp: 1305

Ion	Ratio	Lower	Upper
184	100		
63	1571.3	55.8	83.6#
154	2960.6	63.2	94.8#



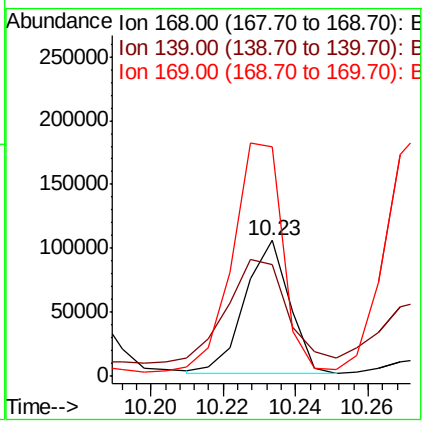


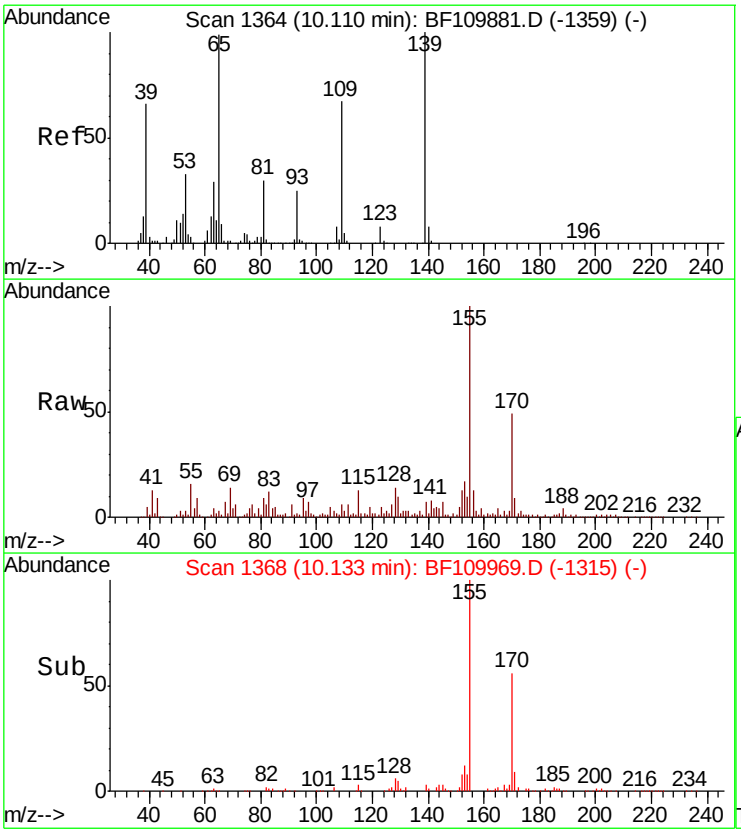
#55
Dibenzofuran
Concen: 4.639 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 89133

Ion	Ratio	Lower	Upper
168	100		
139	82.5	33.0	49.6#
169	168.8	11.3	16.9#

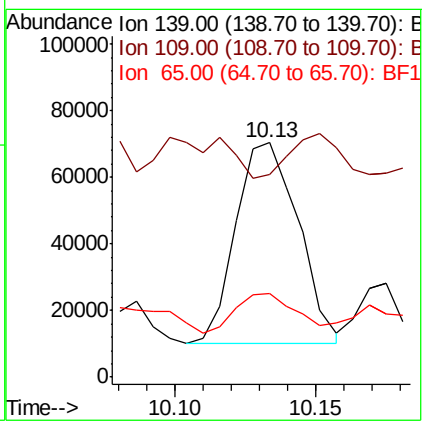


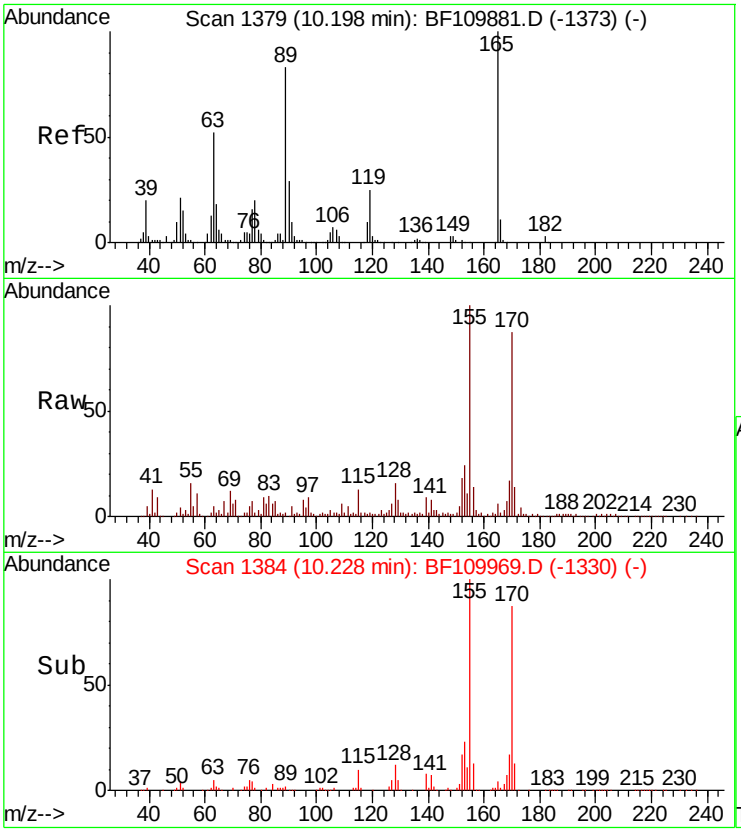


#56
4-Nitrophenol
Concen: 33.169 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:139 Resp: 91894

Ion	Ratio	Lower	Upper
139	100		
109	86.3	55.8	95.8
65	35.8	77.9	117.9#



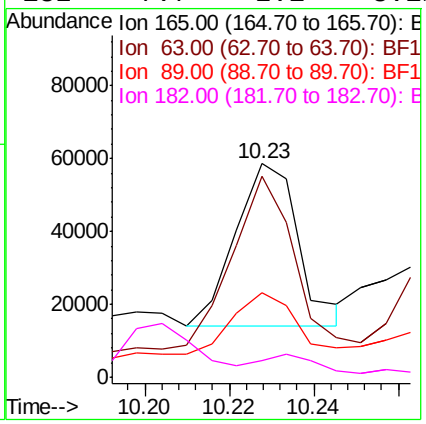


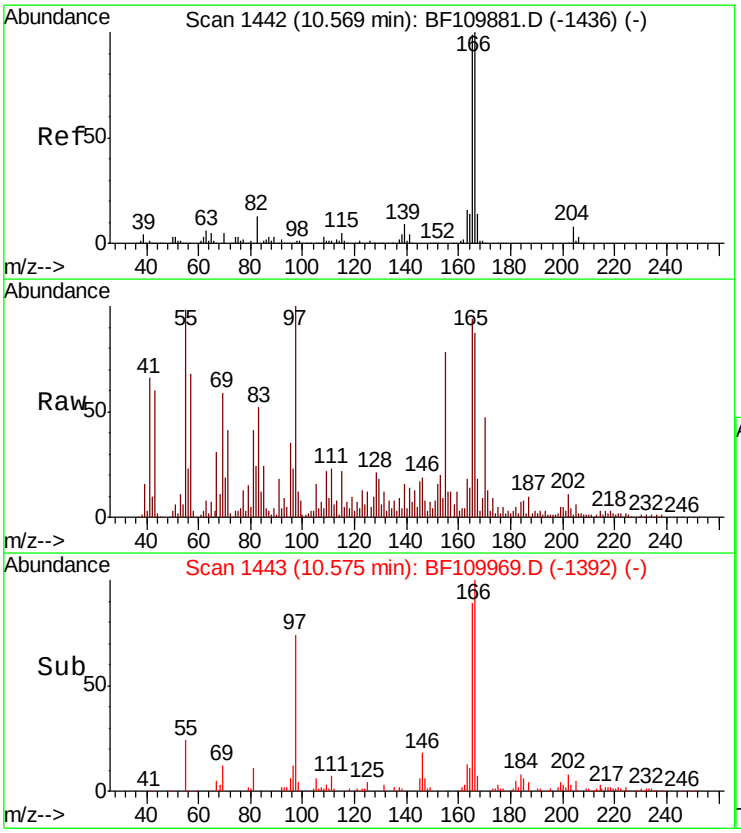
#57
2,4-Dinitrotoluene
Concen: 15.656 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 46158

Ion	Ratio	Lower	Upper
165	100		
63	94.3	44.8	67.2#
89	39.4	62.2	93.4#
182	7.7	2.1	3.1#

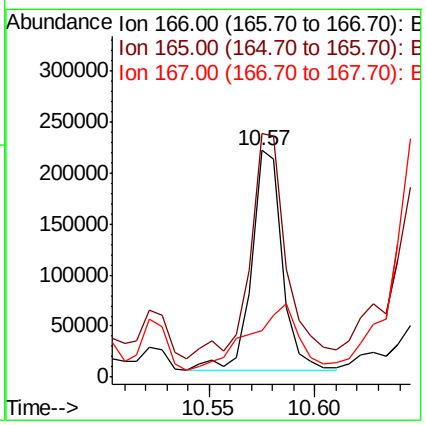


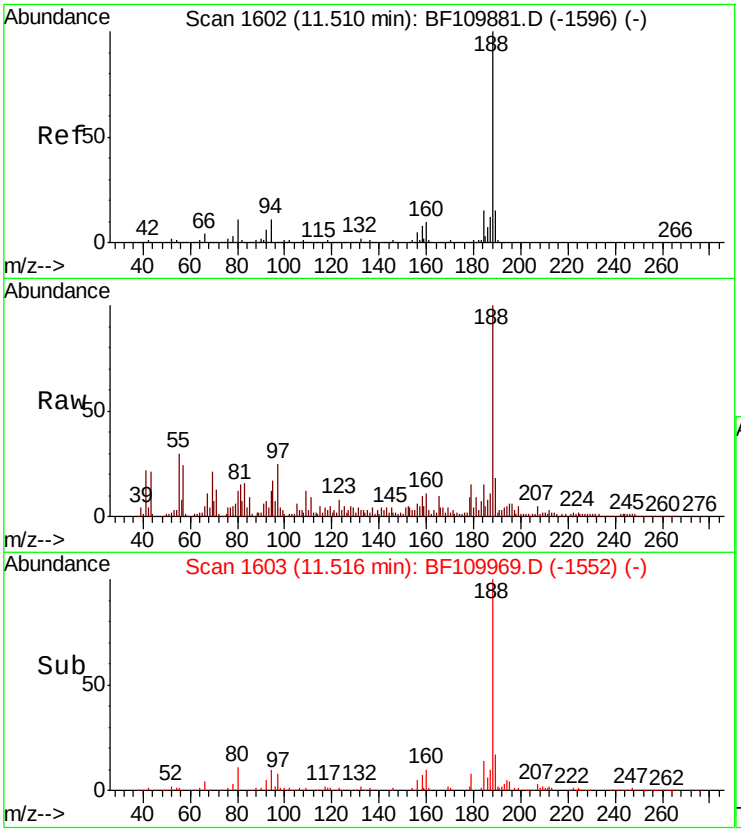


#58
Fluorene
Concen: 15.586 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:166 Resp: 217972

Ion	Ratio	Lower	Upper
166	100		
165	107.6	78.6	117.8
167	20.7	10.8	16.2#



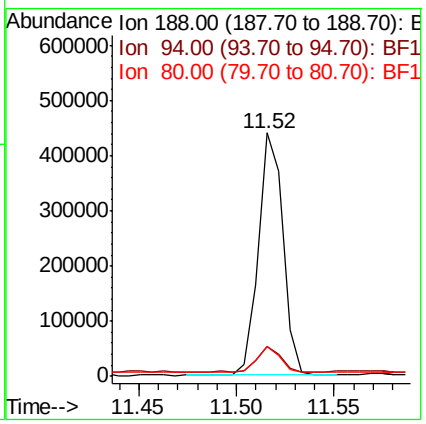


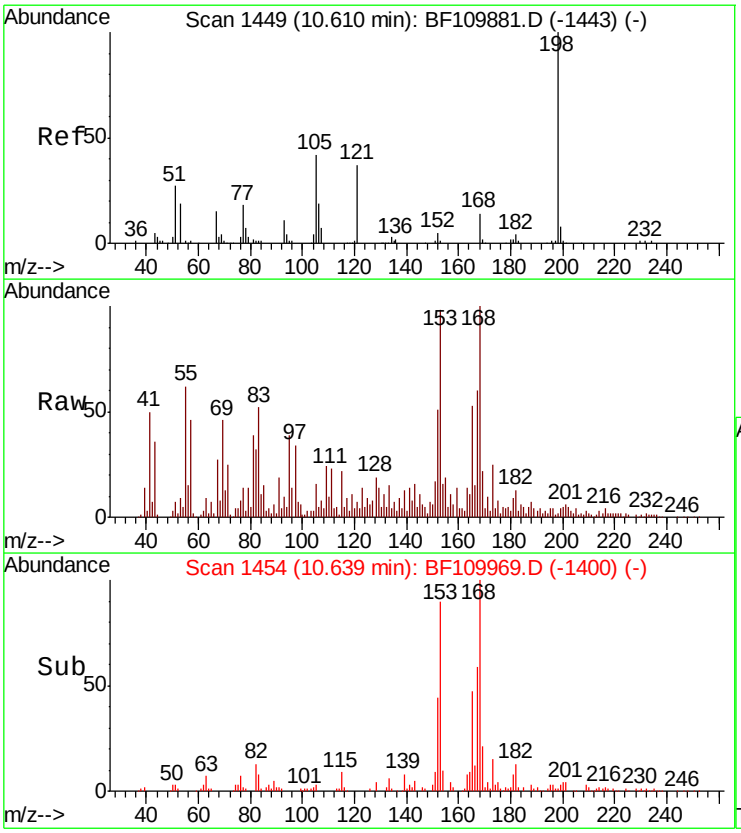
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 381752

Ion	Ratio	Lower	Upper
188	100		
94	12.1	7.2	10.8#
80	12.5	7.9	11.9#

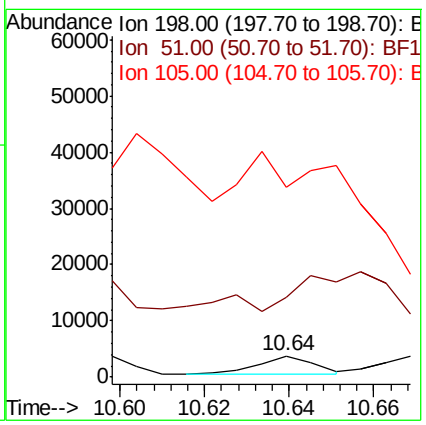


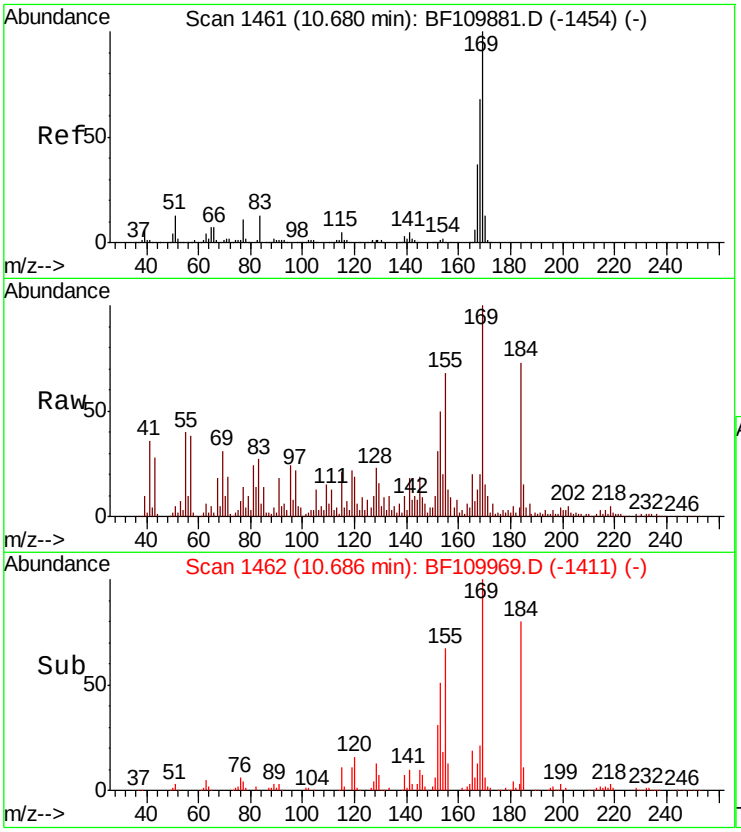


#65
4,6-Dinitro-2-methylphenol
Concen: 9.779 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:198 Resp: 3104

Ion	Ratio	Lower	Upper
198	100		
51	372.2	22.8	62.8#
105	888.0	23.6	63.6#



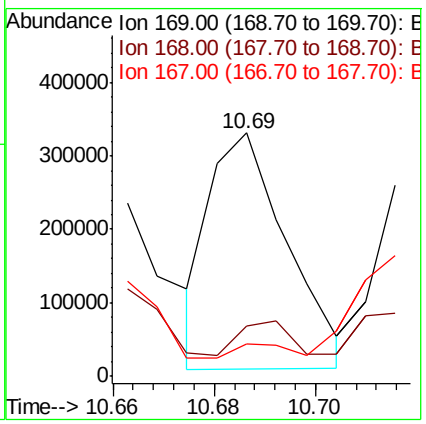


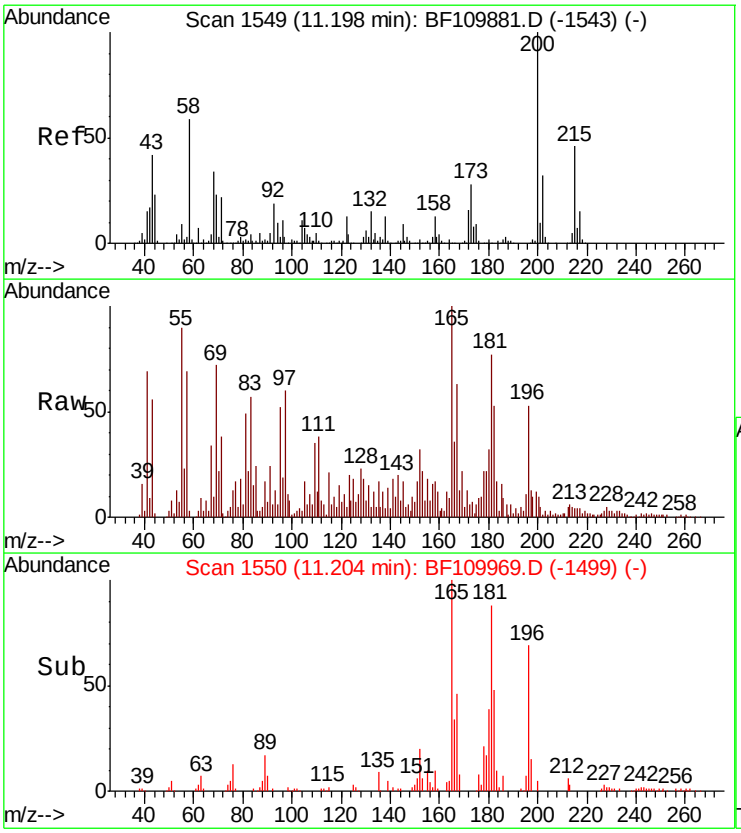
#66
n-Nitrosodiphenylamine
Concen: 26.722 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 339759

Ion	Ratio	Lower	Upper
169	100		
168	20.5	51.2	76.8#
167	13.3	27.8	41.6#

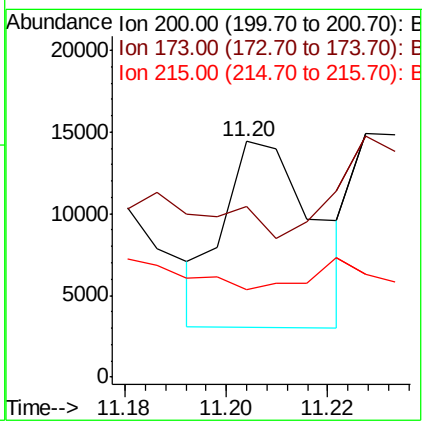


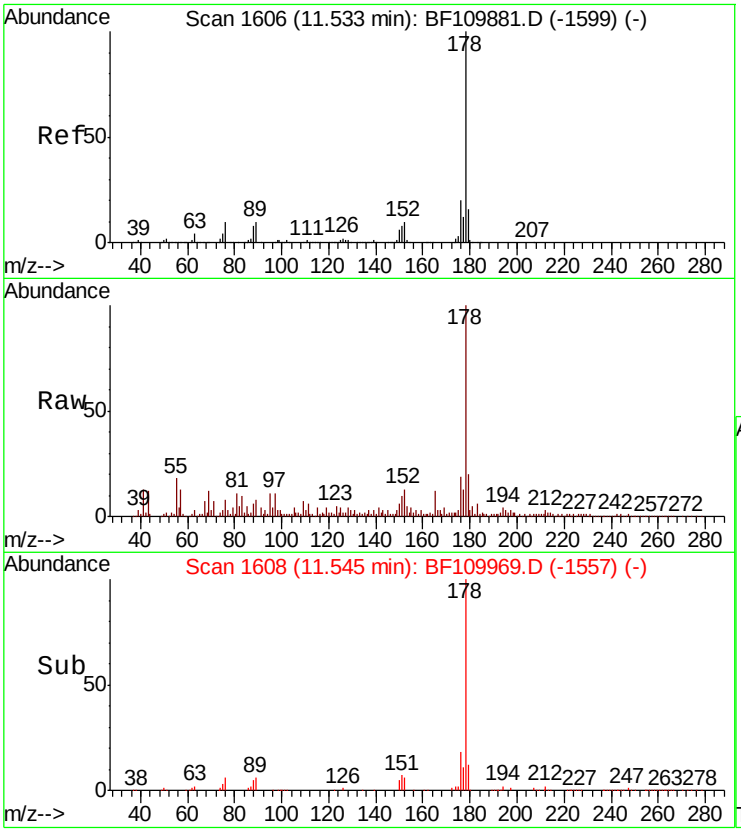


#69
Atrazine
Concen: 3.578 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:200 Resp: 14212

Ion	Ratio	Lower	Upper
200	100		
173	72.3	6.6	46.6#
215	36.9	26.3	66.3



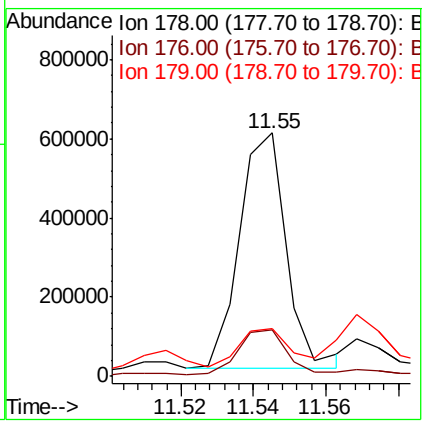


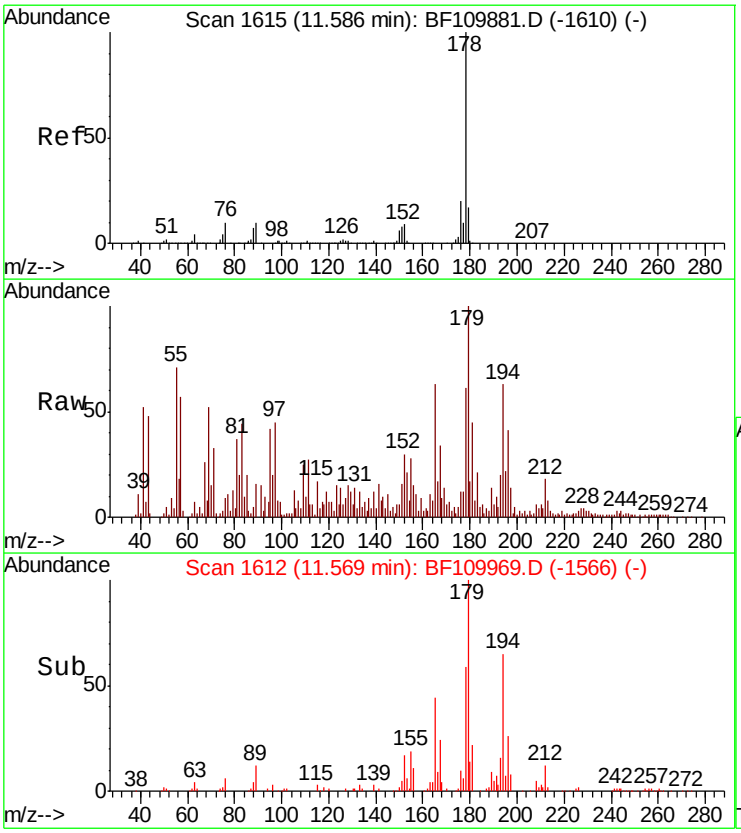
#71
Phenanthrene
Concen: 26.865 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 530957

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	19.6	12.5	18.7#

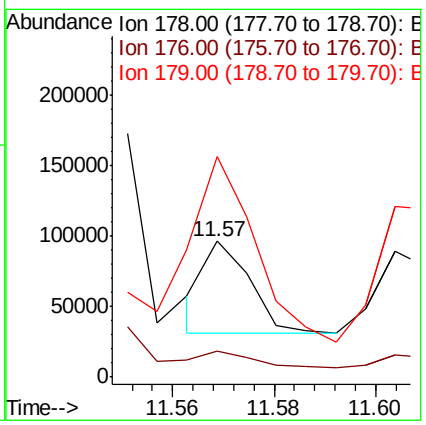


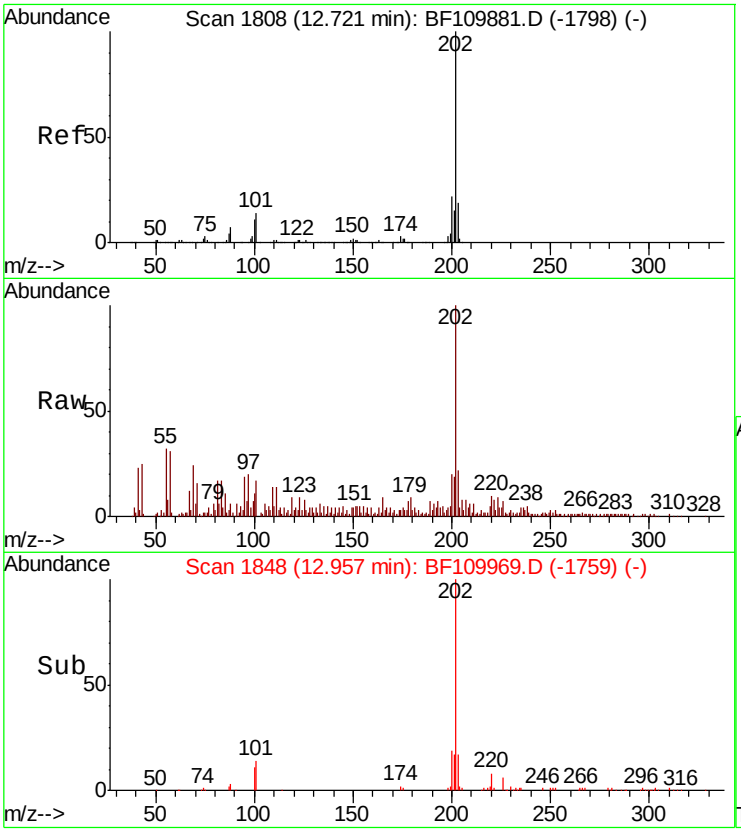


#72
Anthracene
Concen: 2.022 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.03 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:178 Resp: 40174

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	163.1	12.6	18.8#



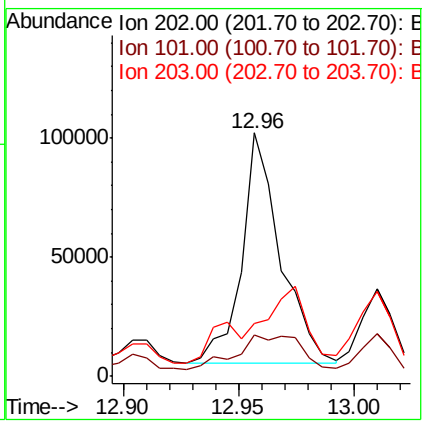


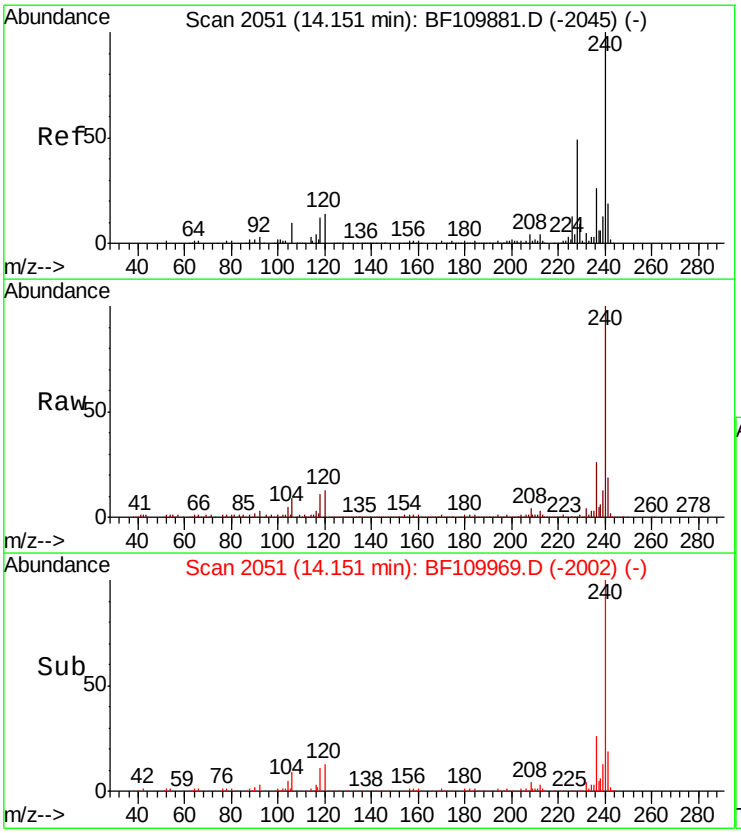
#75
Fluoranthene
Concen: 5.726 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.22 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 113060

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	31.4
203	21.6	0.0	37.7

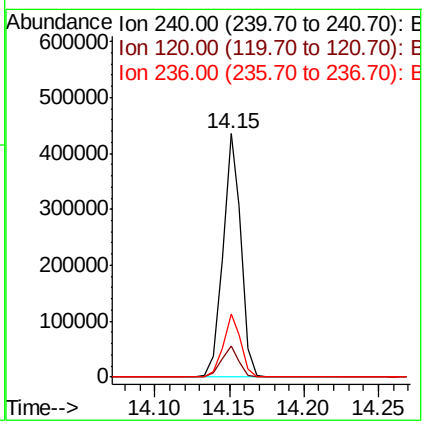


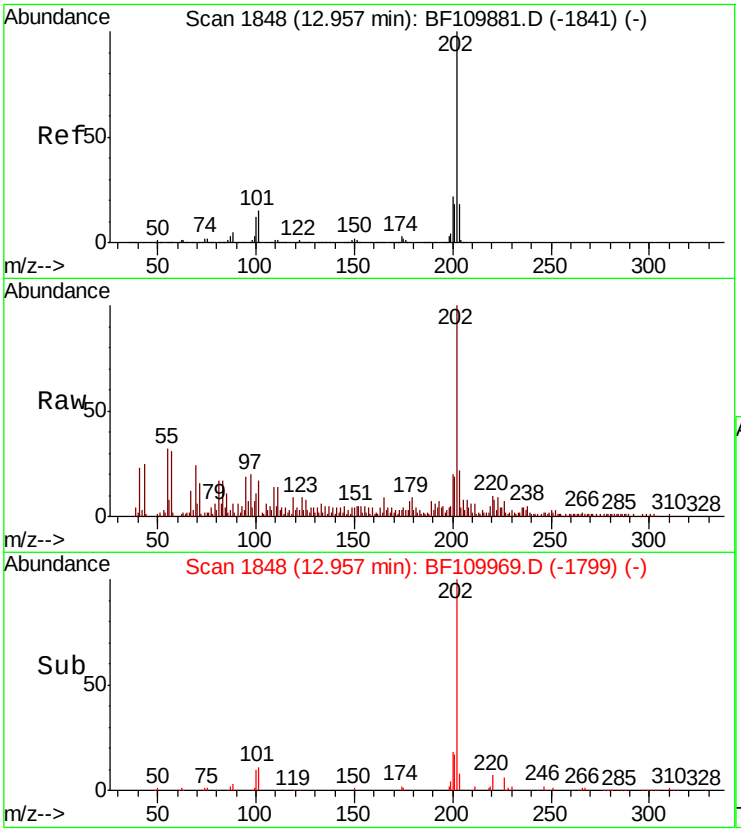


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:240 Resp: 370951

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.3	12.5#
236	25.8	21.2	31.8



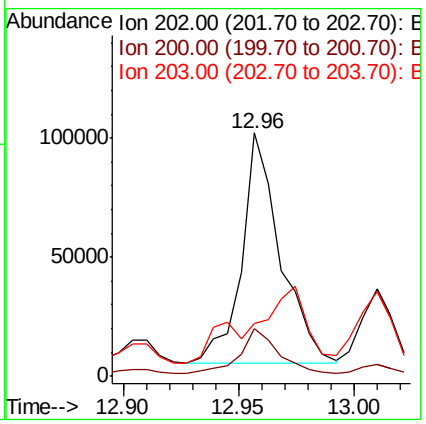


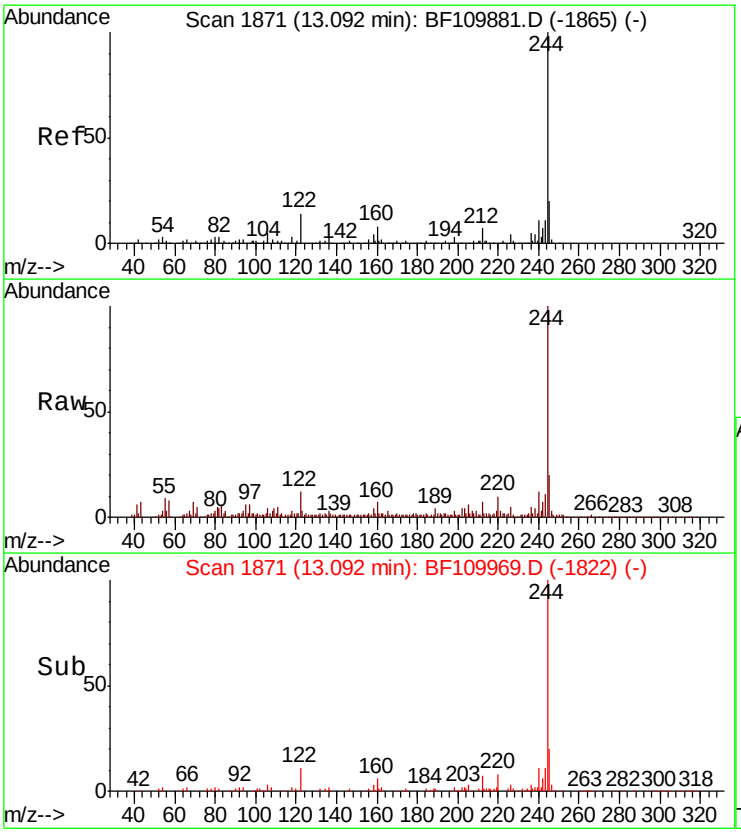
#78
Pyrene
Concen: 4.150 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 113060

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.6
203	21.6	14.2	21.4#

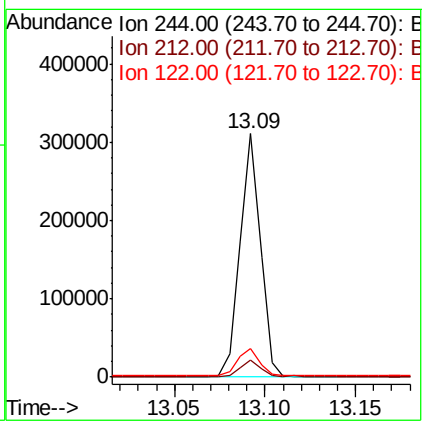


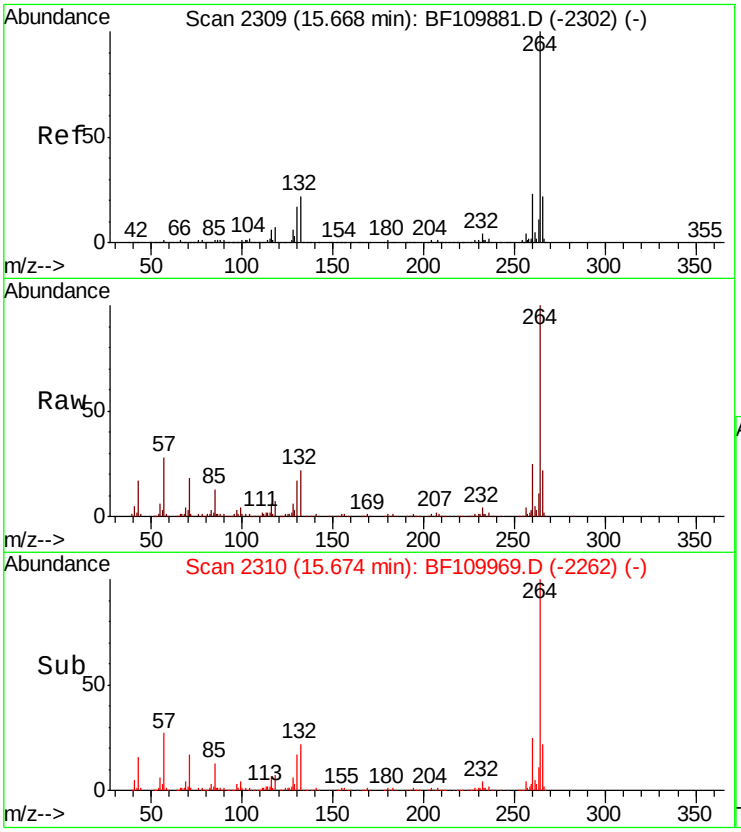


#79
Terphenyl-d14
Concen: 13.750 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Tgt Ion:244 Resp: 242896

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.6	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF109969.D
Acq: 18 Oct 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 386381

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.3	16.7	25.1