Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102972.D
Acq On : 13 Feb 2018 20:01
Operator : SJ/JU
Sample : J1537-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Time: Feb 14 00:10:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.03	152	442656	20.00	ng		0.15
21) Naphthalene-d8	8.50	136	325	20.00	ng		0.34
38) Acenaphthene-d10	10.37	164	2526	20.00	ng		0.45
63) Phenanthrene-d10	11.93	188	3968	20.00	ng		0.54
75) Chrysene-d12	14.67	240	1920	20.00	ng		0.64
86) Perylene-d12	16.24	264	8854	20.00	ng		0.74
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1035334	35.52	ng		0.01
7) Phenol-d6	6.50	99	1242189	35.39	ng		0.00
23) Nitrobenzene-d5	0.00	82	0	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
78) Terphenyl-d14	13.56	244	7455	91.94	ng		0.57
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	99060	4.281	ng	#	81
22) Acetophenone	7.52	105	363	45.643	ng	#	8
24) Nitrobenzene	7.80	77	226	41.003	ng	#	38
25) Isophorone	8.00	82	158	14.646	ng	#	1
27) 2,4-Dimethylphenol	8.11	122	110	24.135	ng	#	67
28) bis(2-Chloroethoxy)methane	8.22	93	143	22.376	ng	#	23
31) Naphthalene	8.51	128	114	7.179	ng	#	1
32) Benzoic acid	8.11	122	110	37.781	ng		86
35) Caprolactam	8.97	113	637	442.705	ng	#	57
36) 4-Chloro-3-methylphenol	9.23	107	14887	3197.913	ng	#	1
37) 2-Methylnaphthalene	8.97	142	23332	2244.310	ng		95
45) 1,1'-Biphenyl	9.63	154	10270	48.271	ng		77
46) 2-Chloronaphthalene	9.62	162	526	3.140	ng	#	1
47) 2-Nitroaniline	9.89	65	845	18.638	ng	#	2
48) Acenaphthylene	10.22	152	3452	13.269	ng	#	1
50) 2,6-Dinitrotoluene	10.22	165	1872	49.958	ng	#	49
52) 3-Nitroaniline	10.32	138	124	2.689	ng	#	2
53) 2,4-Dinitrophenol	10.40	184	266	36.277	ng	#	54
54) Dibenzofuran	10.59	168	4754	21.683	ng	#	70
55) 4-Nitrophenol	10.70	139	2487	66.360	ng		87
56) 2,4-Dinitrotoluene	10.57	165	9471	179.459	ng	#	30
57) Fluorene	10.93	166	1216	7.623	ng	#	1
59) Diethylphthalate	10.77	149	613	3.152	ng	#	17
61) 4-Nitroaniline	10.99	138	248	5.651	ng	#	29
64) 4,6-Dinitro-2-methylphenol	11.00	198	600	39.281	ng	#	1
65) n-Nitrosodiphenylamine	11.06	169	3161	22.585	ng	#	33
68) Atrazine	11.73	200	722	17.486	ng		82
70) Phenanthrene	11.96	178	725	3.281	ng	#	1
71) Anthracene	12.04	178	758	3.372	ng	#	1
72) Carbazole	12.19	167	468	2.125	ng	#	1
73) Di-n-butylphthalate	12.54	149	4432	16.569	ng	#	1
74) Fluoranthene	13.20	202	1372	6.171	ng	#	1
76) Benzidine	13.32	184	855	9.689	ng	#	1
77) Pyrene	13.41	202	8881	58.987	ng	#	22

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102972.D
Acq On : 13 Feb 2018 20:01
Operator : SJ/JU
Sample : J1537-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Time: Feb 14 00:10:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Butylbenzylphthalate	14.07	149	2286	32.089	ng		91
81) 3,3'-Dichlorobenzidine	14.63	252	7557	168.791	ng	#	1
82) Chrysene	14.72	228	879	7.221	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.66	149	2877	31.194	ng	#	74
84) Di-n-octyl phthalate	15.30	149	713	5.149	ng	#	75
85) Indeno(1,2,3-cd)pyrene	17.47	276	189374	1875.849	ng		95
87) Benzo(b)fluoranthene	15.56	252	113918	198.451	ng	#	86
88) Benzo(k)fluoranthene	15.56	252	113551	207.026	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
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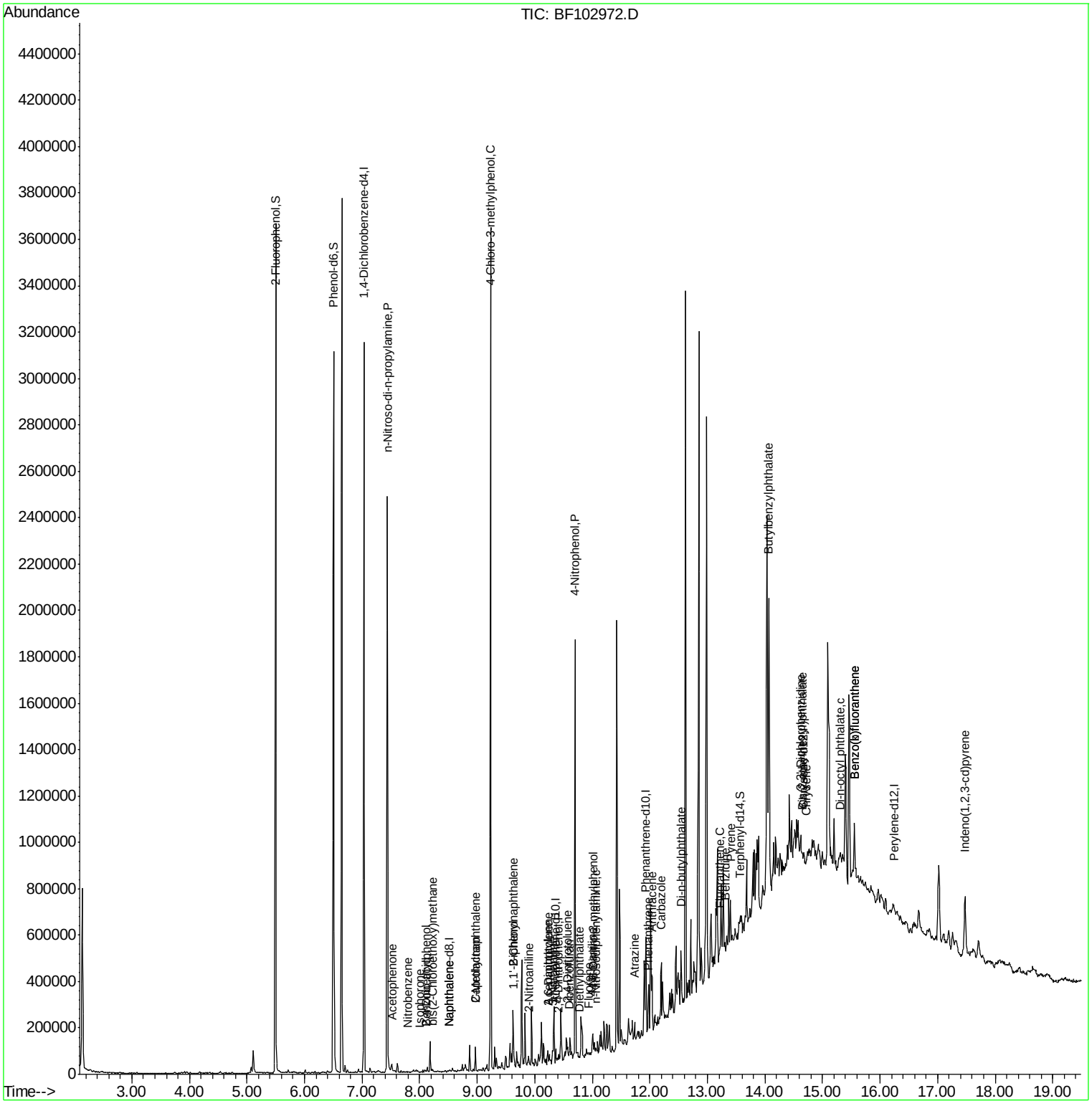
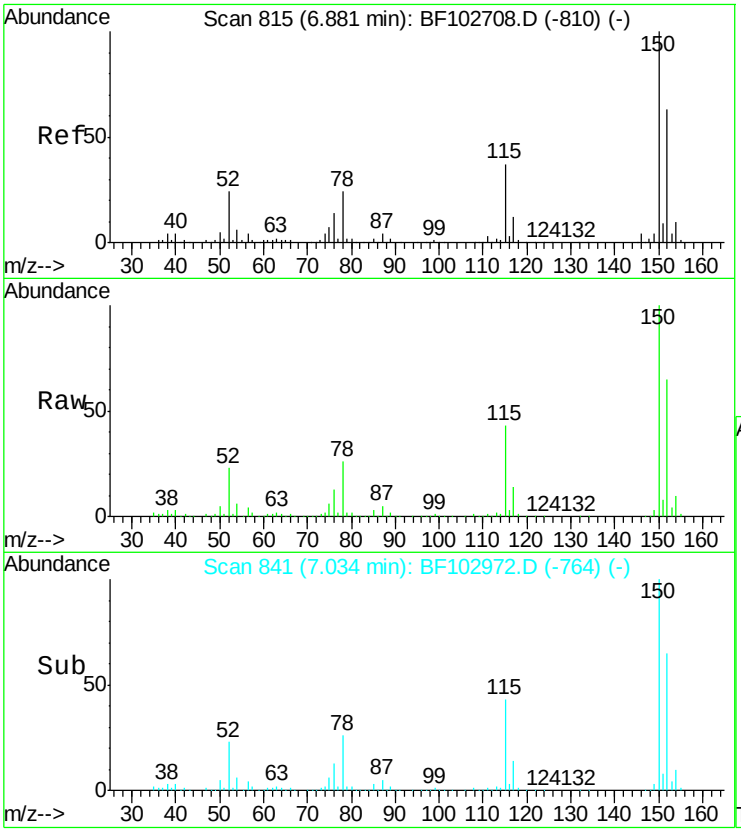


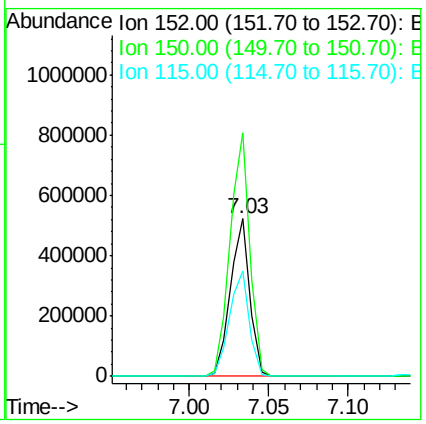


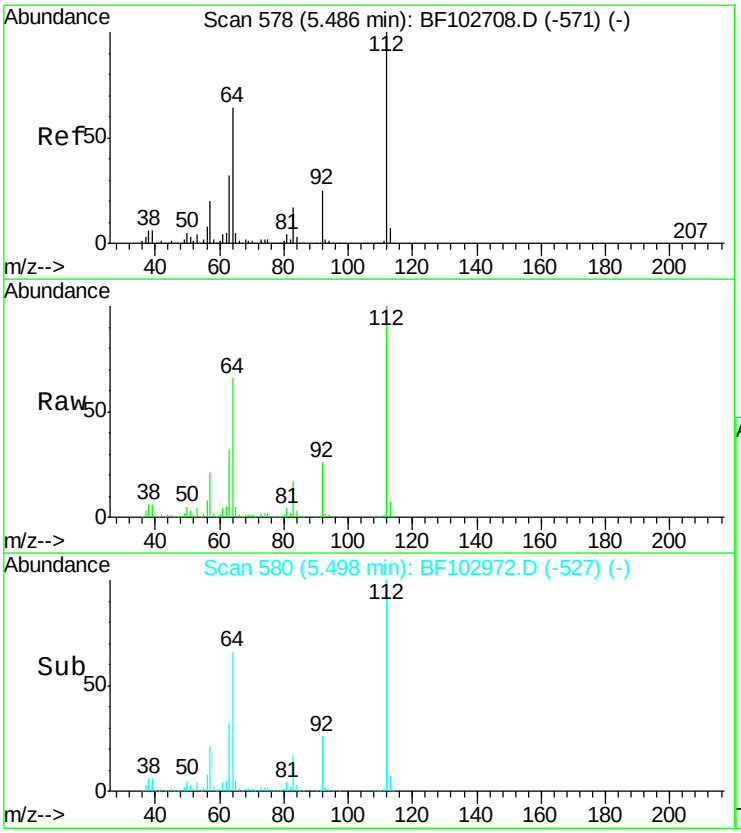
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.15 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 442656

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	67.0	50.1	75.1

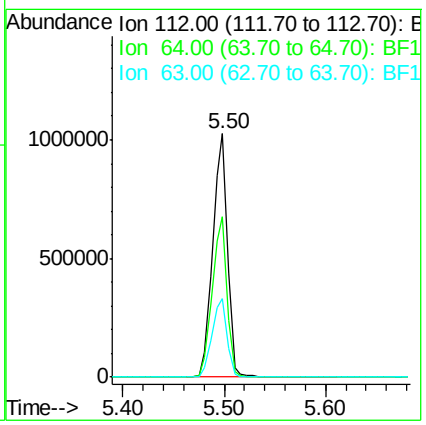


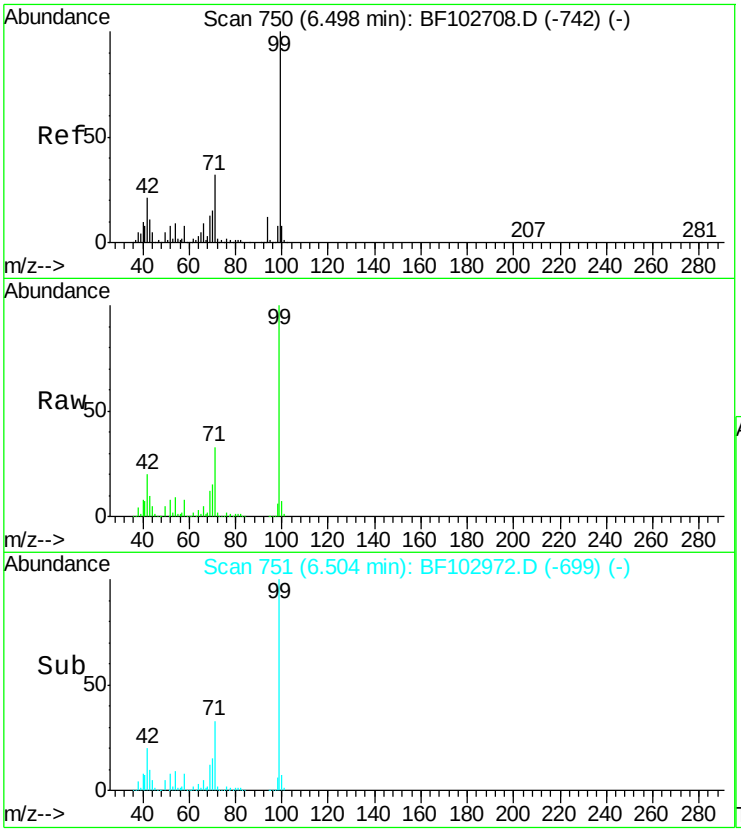


#5
2-Fluorophenol
Concen: 35.520 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:112 Resp: 1035334

Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	32.1	23.7	35.5



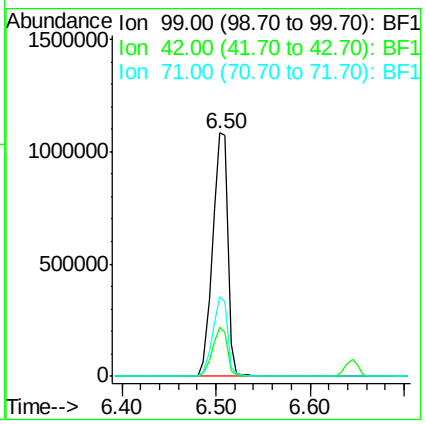


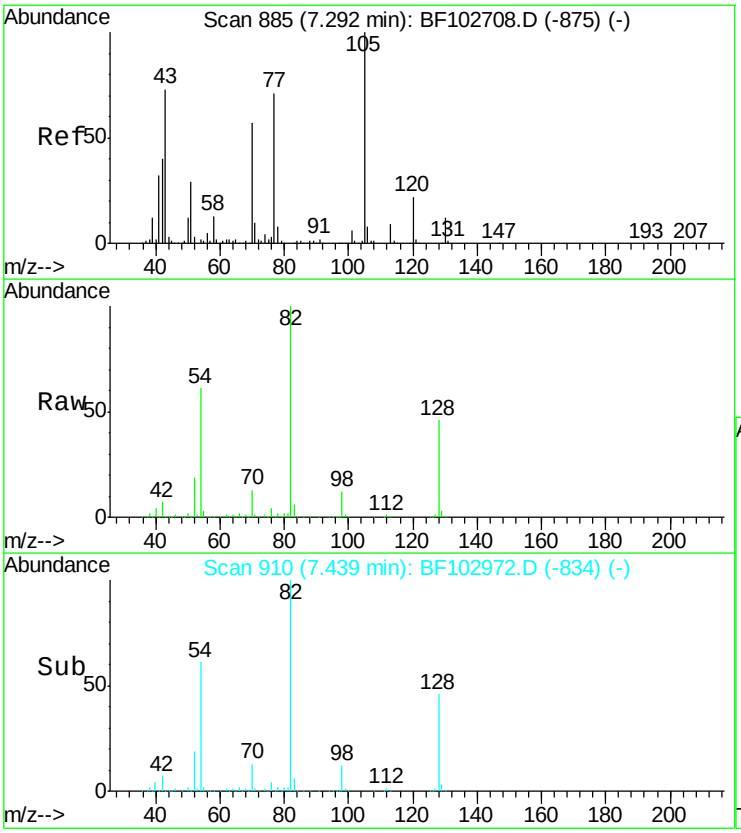
#7
Phenol-d6
Concen: 35.394 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 99 Resp: 1242189

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.8	25.4	38.0

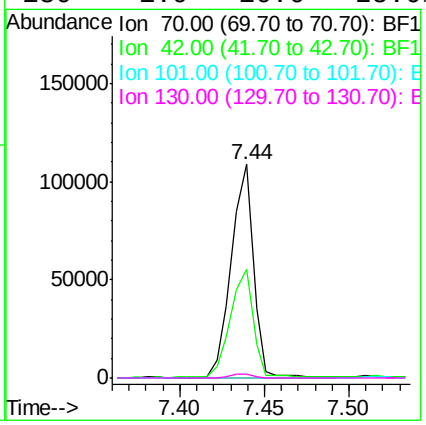


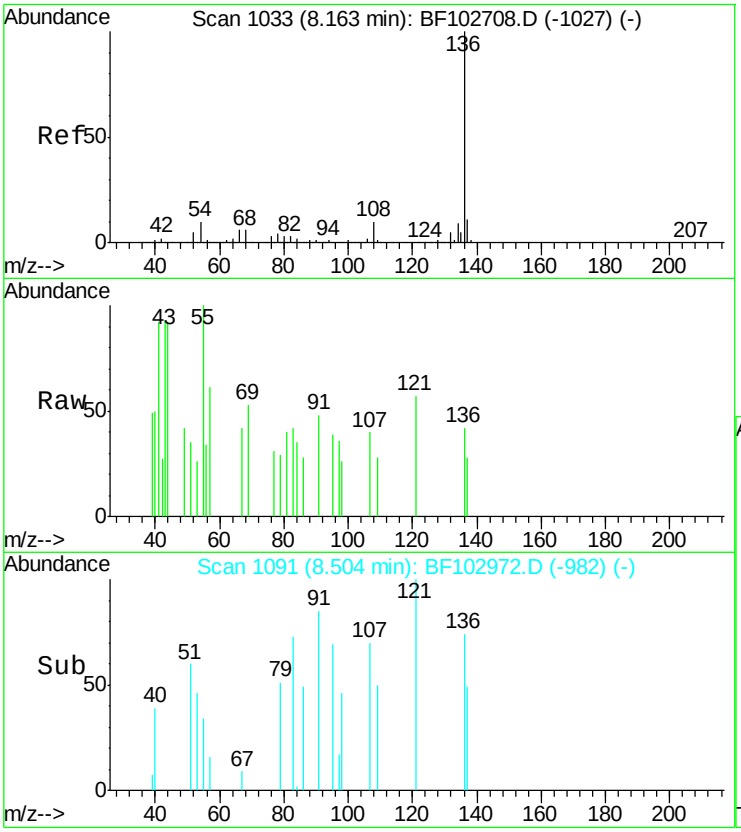


#19
n-Nitroso-di-n-propylamine
Concen: 4.281 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion: 70 Resp: 99060

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



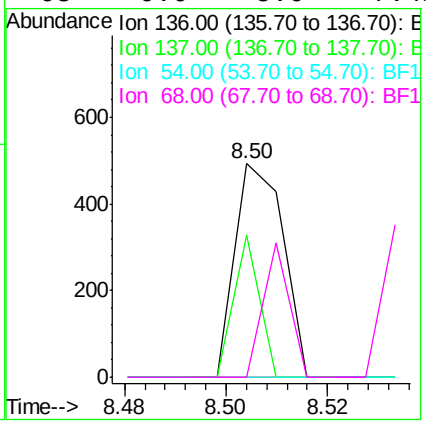


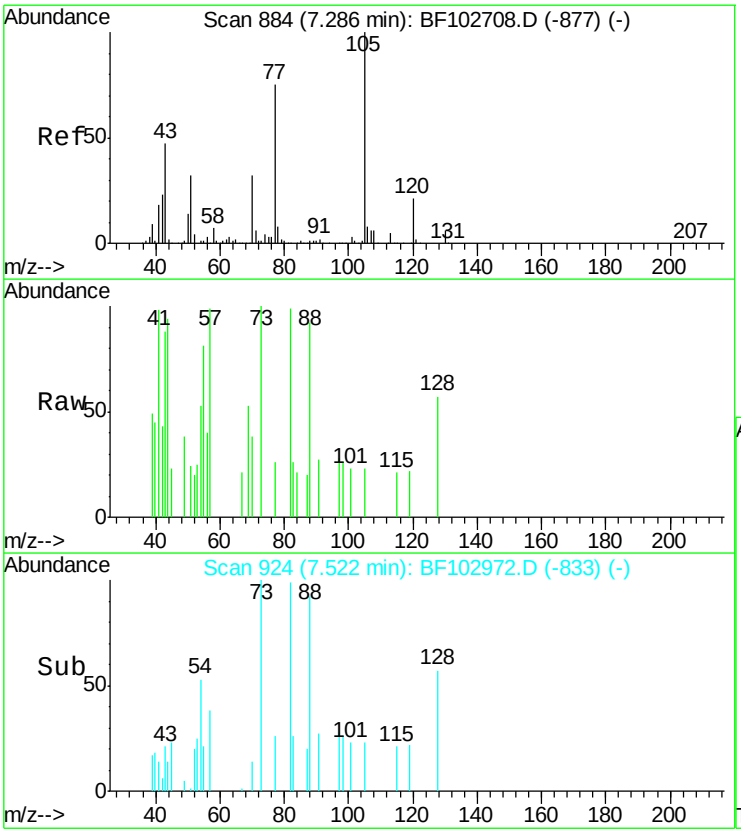
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.34 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:136 Resp: 325

Ion	Ratio	Lower	Upper
136	100		
137	66.7	8.9	13.3#
54	0.0	6.6	9.8#
68	0.0	5.0	7.4#

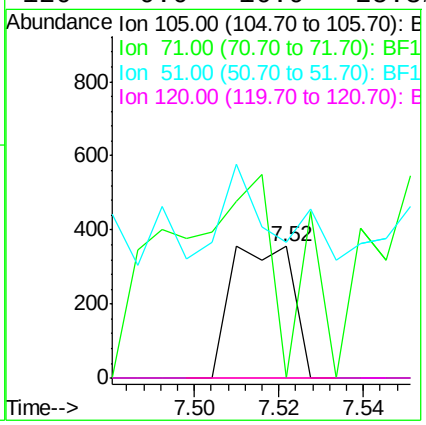


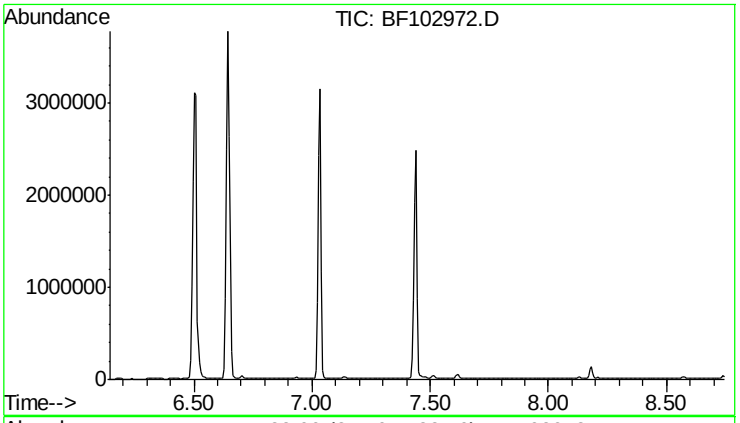


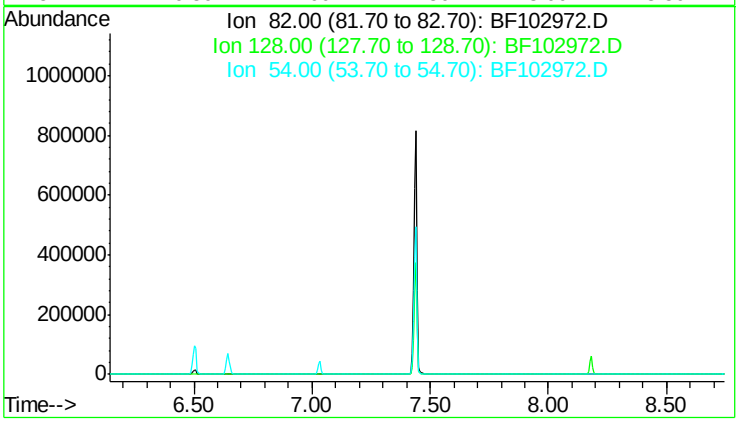
#22
Acetophenone
Concen: 45.643 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.24 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:105 Resp: 363

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	102.5	22.3	33.5#
120	0.0	16.9	25.3#







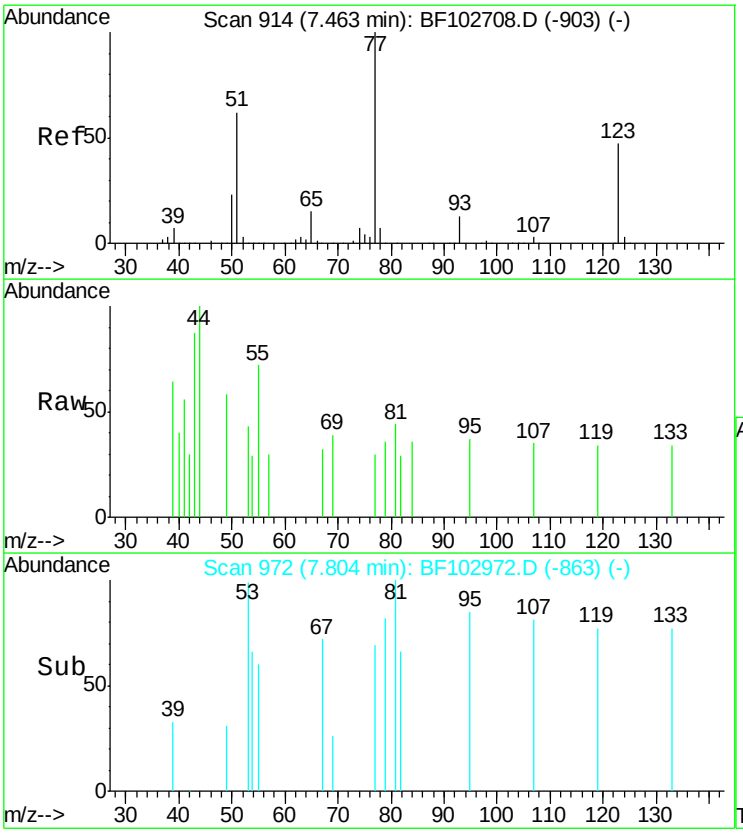
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.1
54	51.8

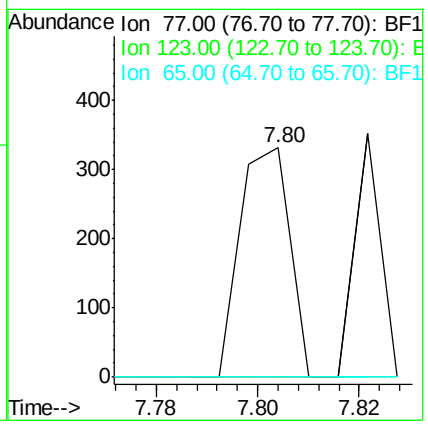
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

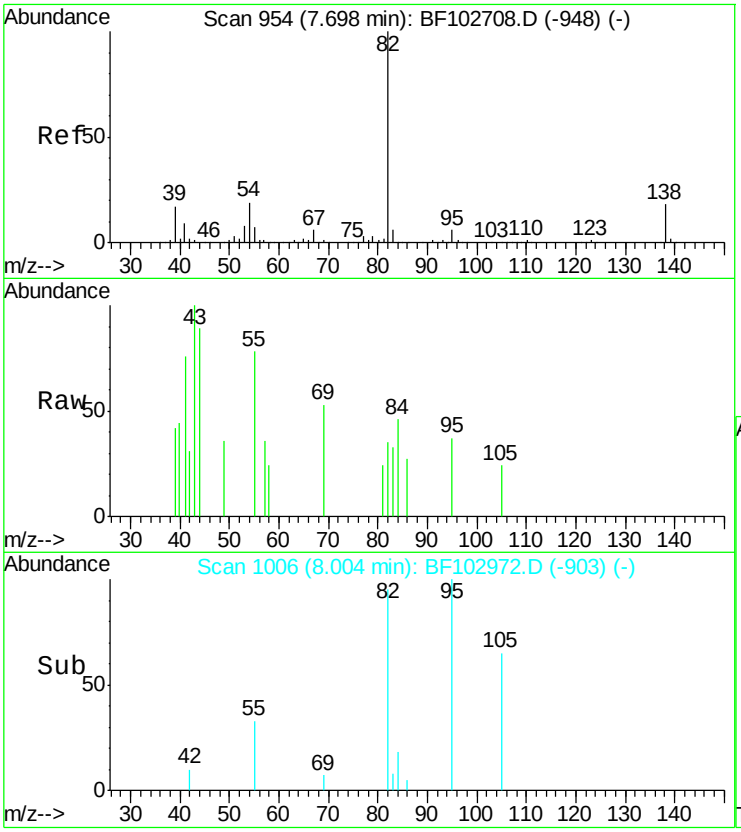


#24
Nitrobenzene
Concen: 41.003 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.34 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion: 77 Resp: 226

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



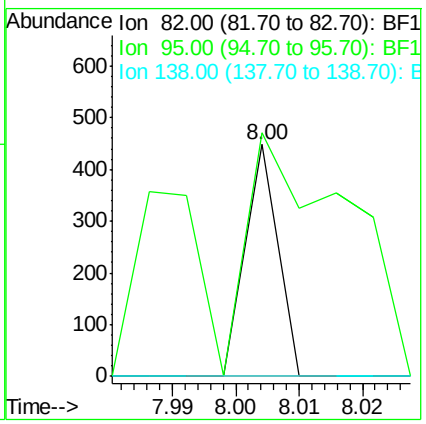


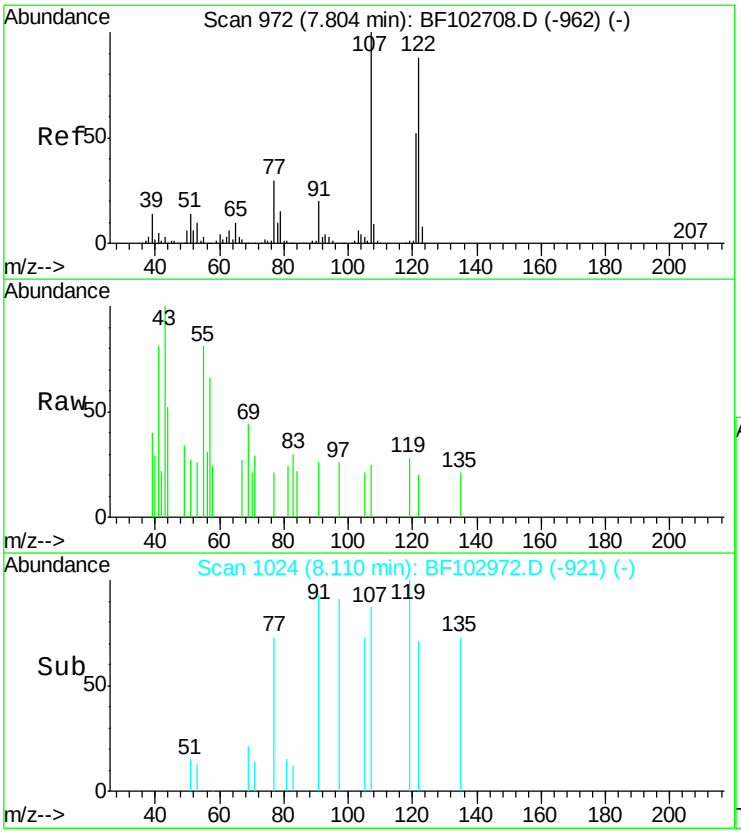
#25
Isophorone
Concen: 14.646 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.31 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 82 Resp: 158

Ion	Ratio	Lower	Upper
82	100		
95	105.1	5.2	7.8#
138	0.0	14.9	22.3#

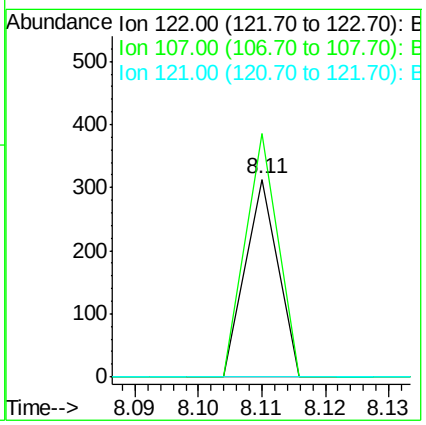


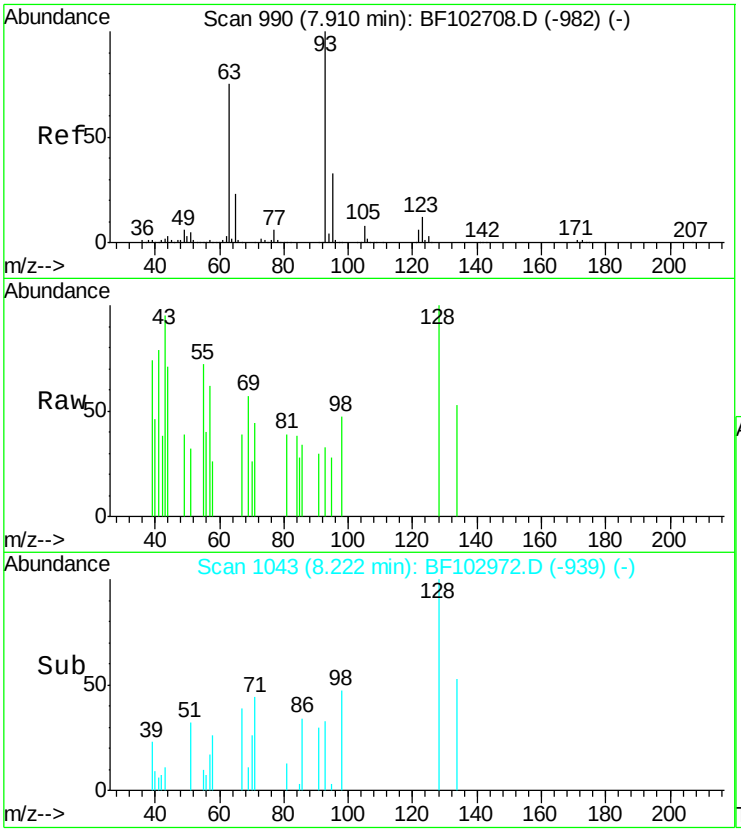


#27
2,4-Dimethylphenol
Concen: 24.135 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.31 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
107	123.3	91.2	136.8
121	0.0	47.2	70.8#



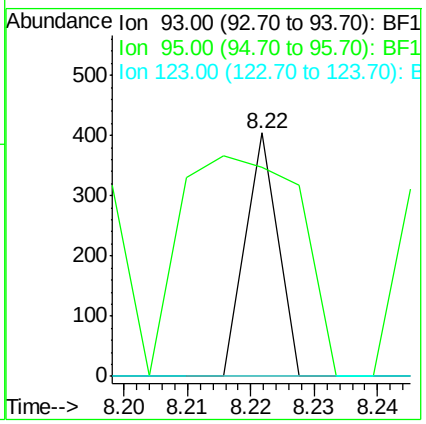


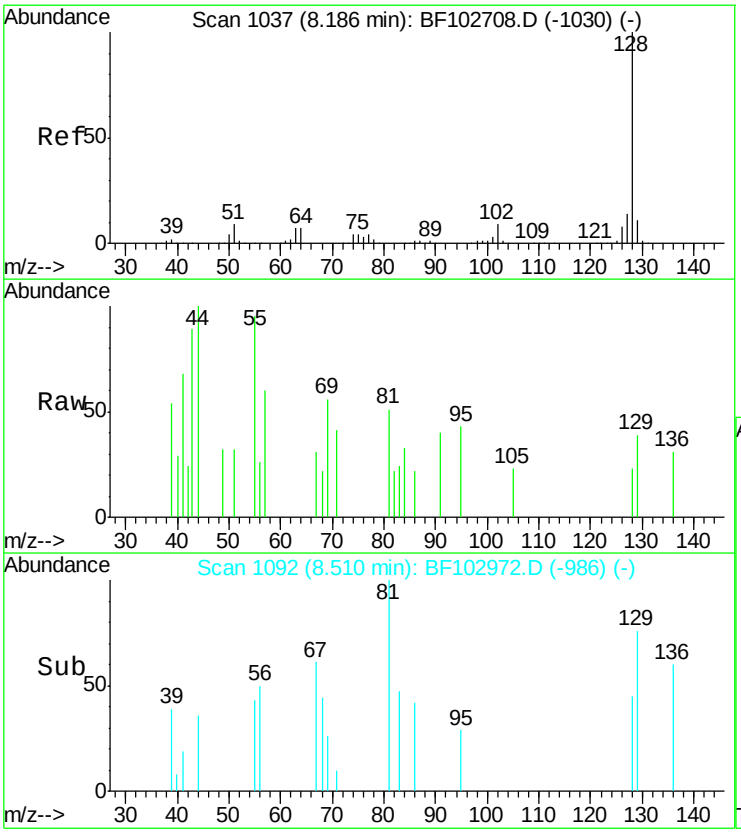
#28
bis(2-Chloroethoxy)methane
Concen: 22.376 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.31 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 93 Resp: 143

Ion	Ratio	Lower	Upper
93	100		
95	85.9	26.3	39.5#
123	0.0	9.8	14.6#

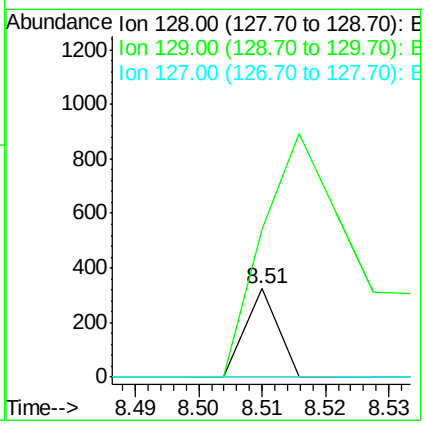


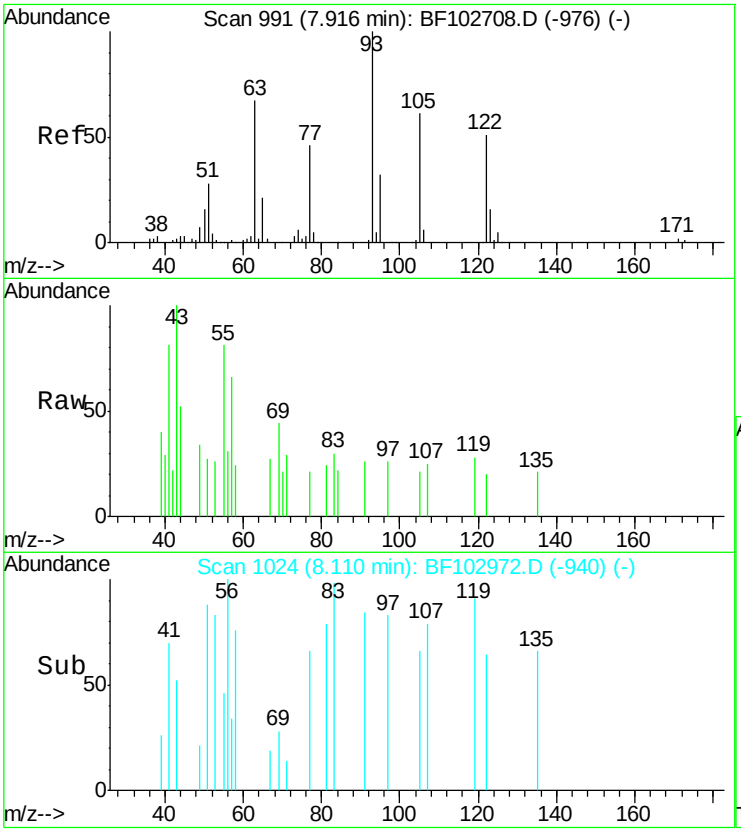


#31
Naphthalene
Concen: 7.179 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.32 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:128 Resp: 114

Ion	Ratio	Lower	Upper
128	100		
129	167.2	8.8	13.2#
127	0.0	10.9	16.3#



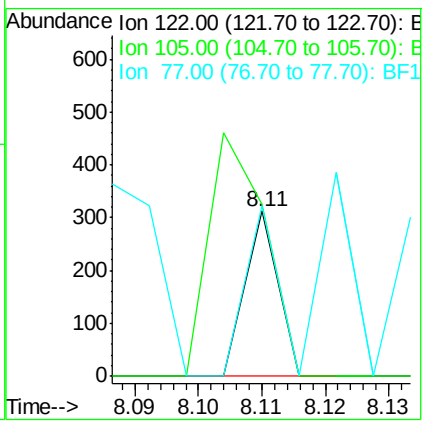


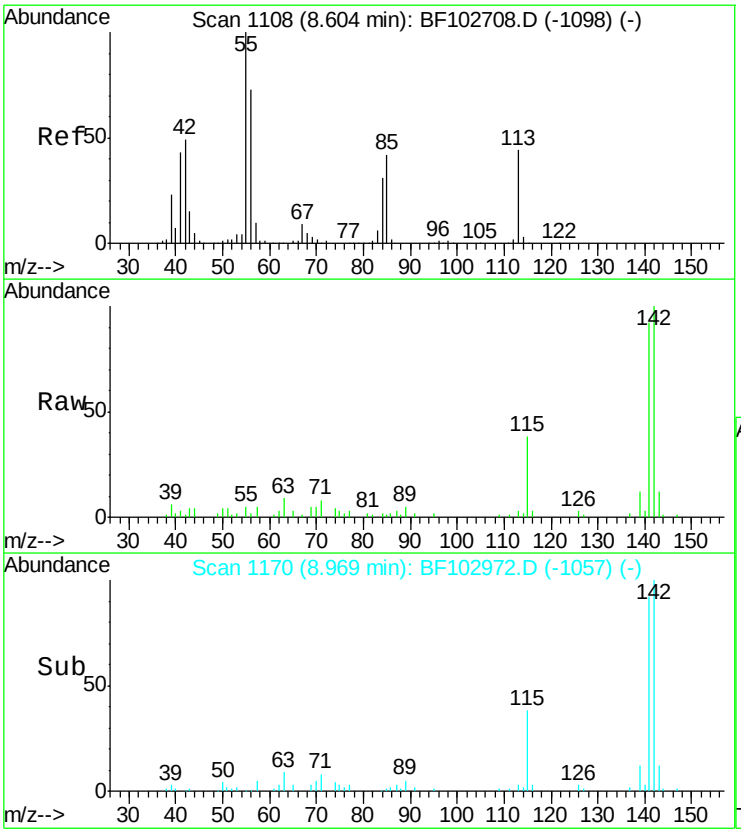
#32
Benzoic acid
Concen: 37.781 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.19 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	103.8	101.1	141.1
77	103.2	70.7	110.7

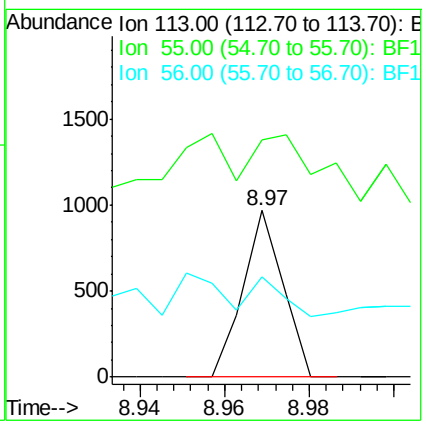


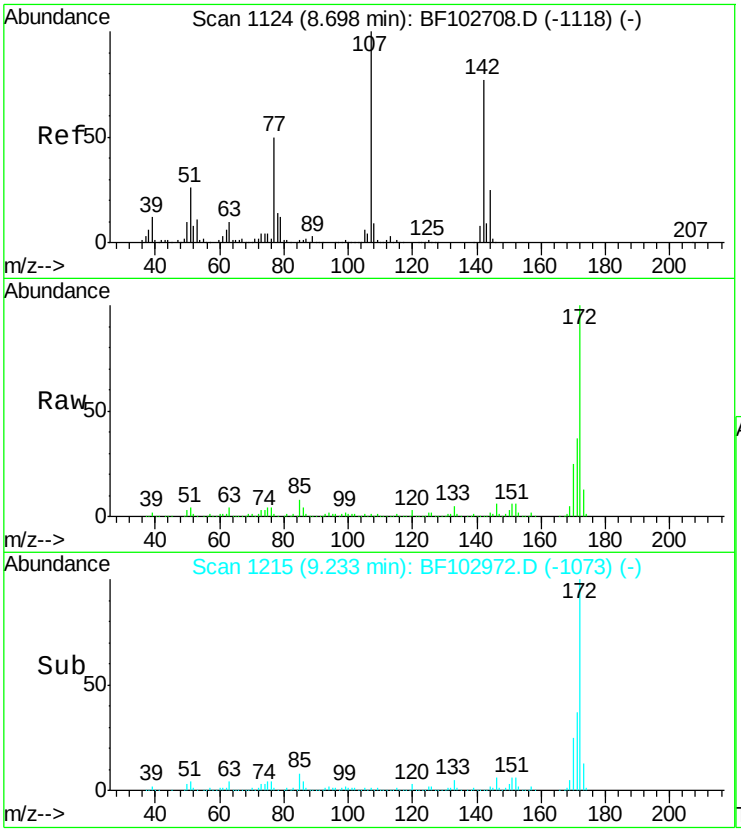


#35
Caprolactam
Concen: 442.705 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.36 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:113 Resp: 637

Ion	Ratio	Lower	Upper
113	100		
55	142.5	163.3	203.3#
56	60.5	115.7	155.7#



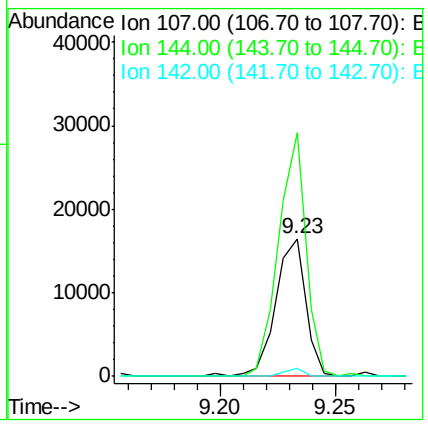


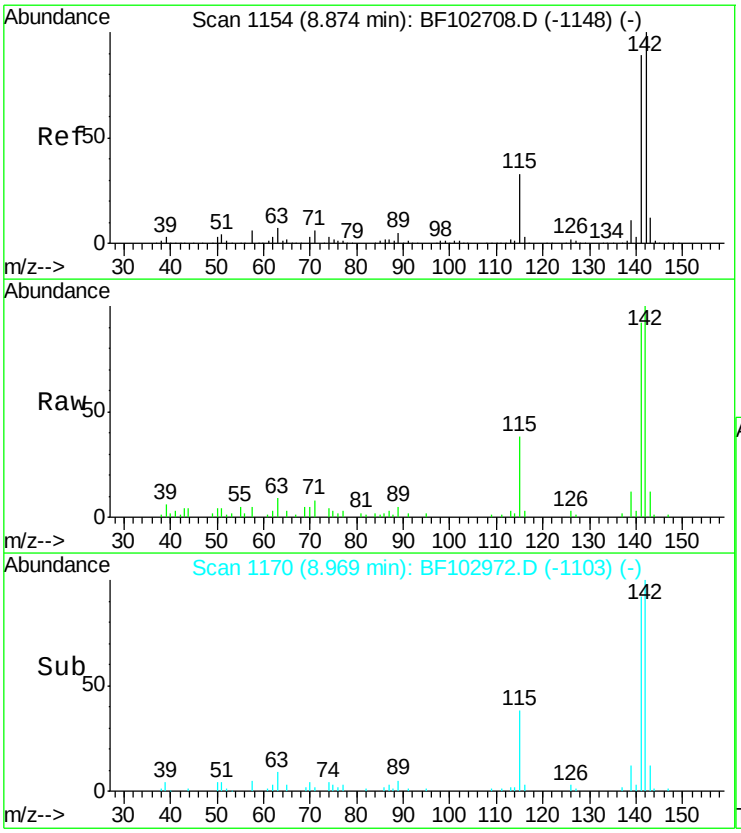
#36
4-Chloro-3-methylphenol
Concen: 3197.913 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.54 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:107 Resp: 14887

Ion	Ratio	Lower	Upper
107	100		
144	176.6	20.5	30.7#
142	6.3	62.0	93.0#

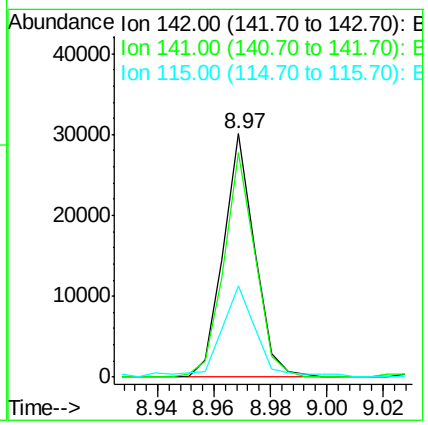


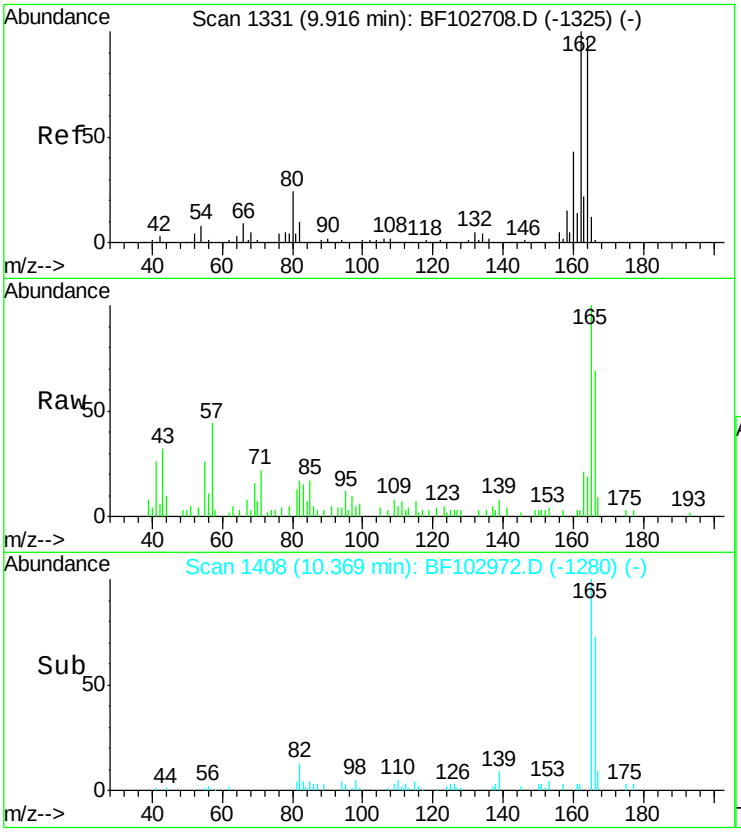


#37
2-Methylnaphthalene
Concen: 2244.310 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.09 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:142 Resp: 23332

Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.8	106.2
115	37.7	26.1	39.1



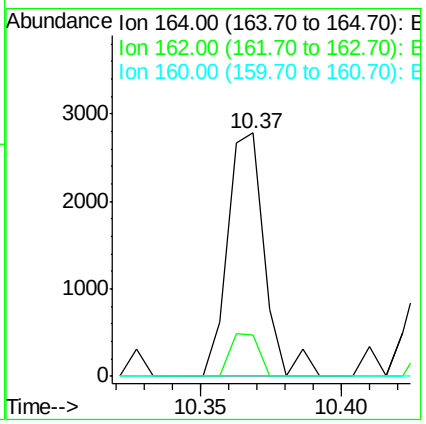


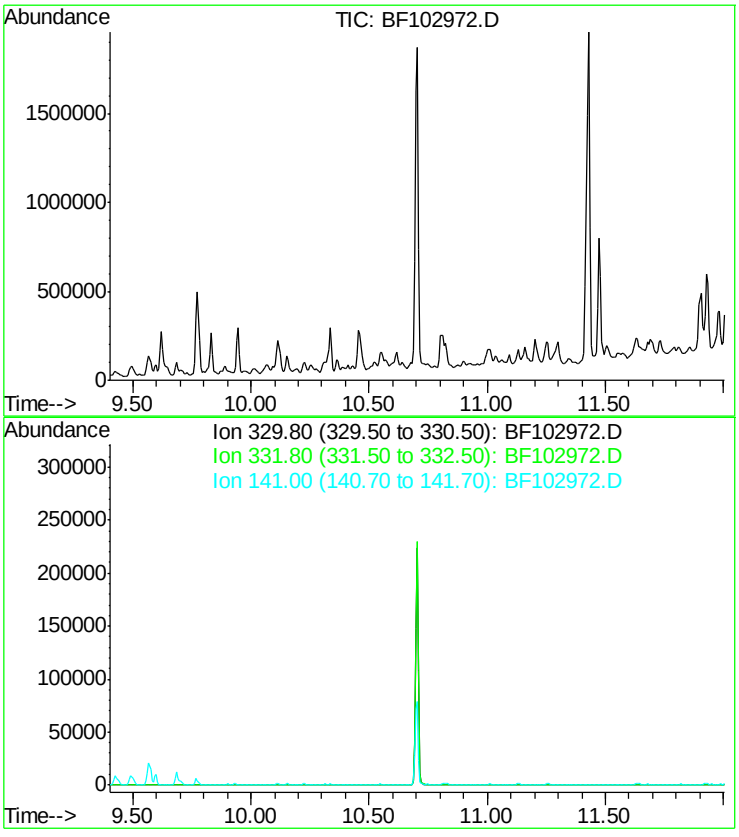
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.45 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:164 Resp: 2526

Ion	Ratio	Lower	Upper
164	100		
162	17.2	86.1	129.1#
160	0.0	38.3	57.5#



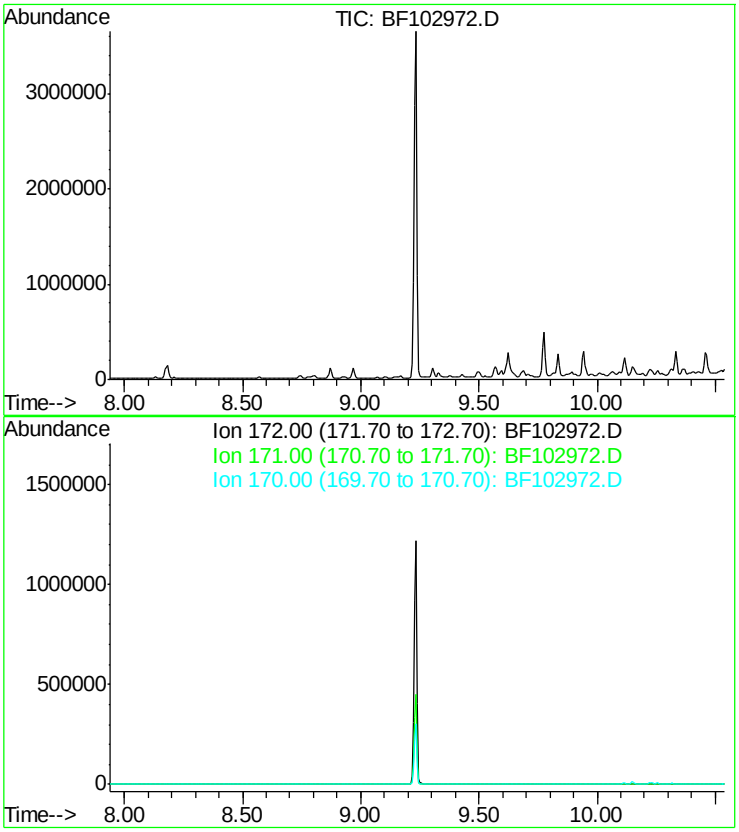


#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4



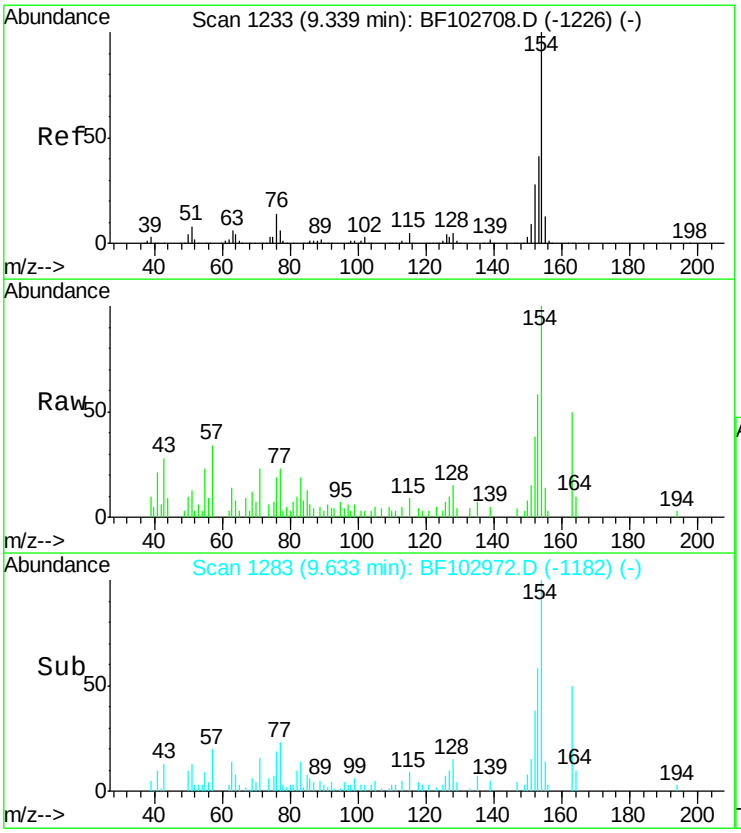
#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.1
170	24.5

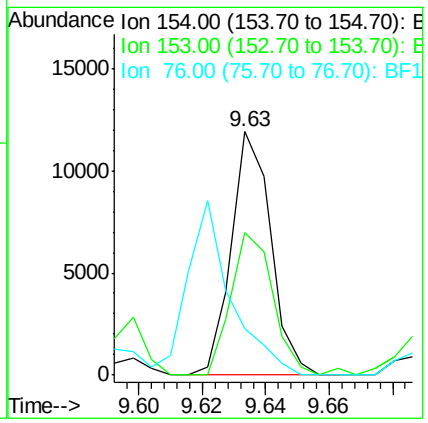
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

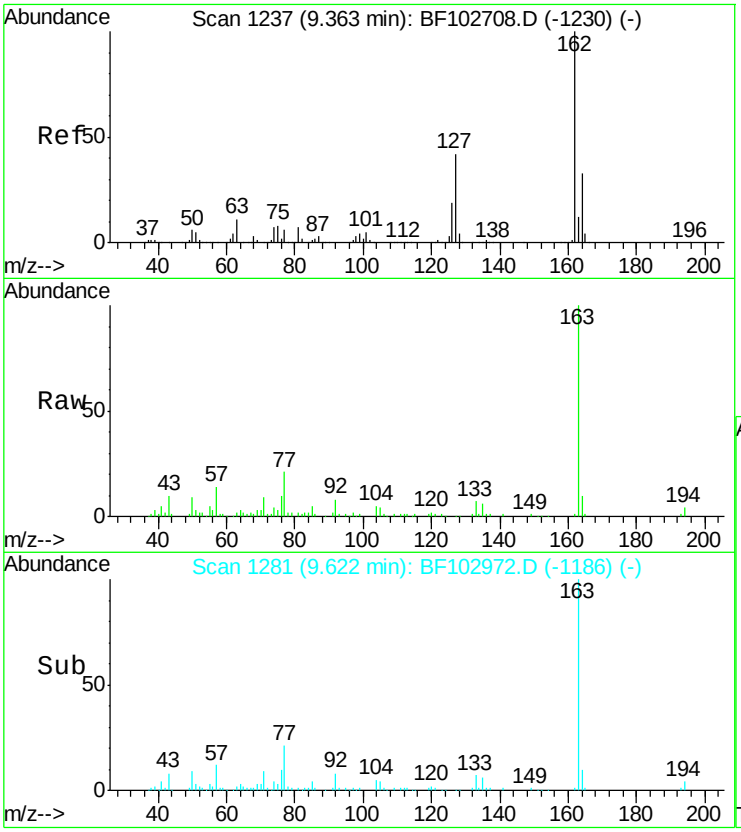


#45
1,1'-Biphenyl
Concen: 48.271 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.29 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:154 Resp: 10270

Ion	Ratio	Lower	Upper
154	100		
153	58.4	21.3	61.3
76	19.0	0.0	34.0



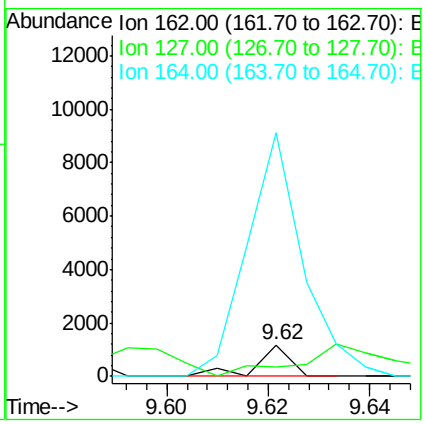


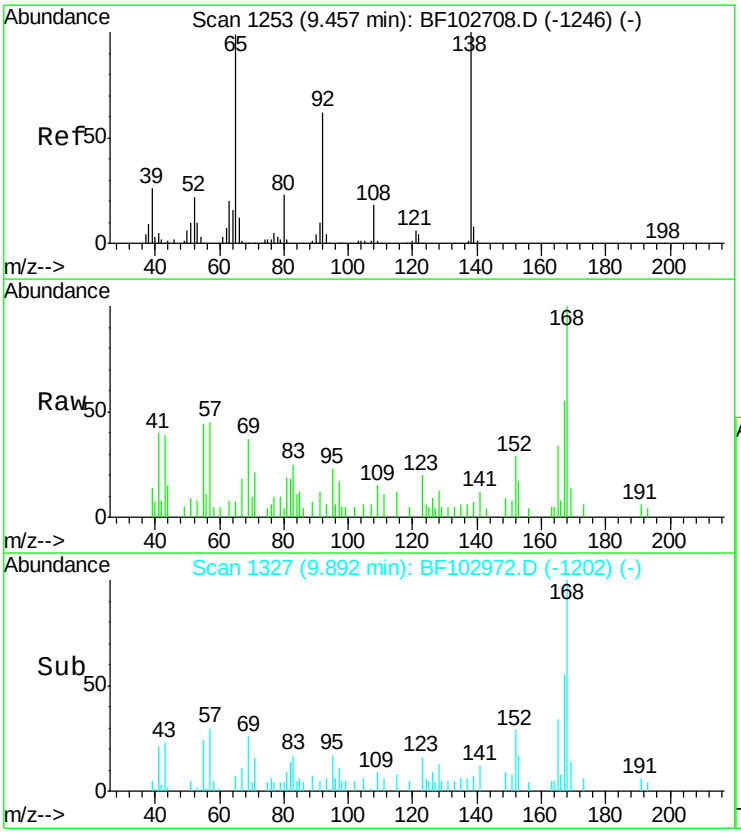
#46
2-Chloronaphthalene
Concen: 3.140 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.26 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:162 Resp: 526

Ion	Ratio	Lower	Upper
162	100		
127	31.2	33.9	50.9#
164	779.1	26.5	39.7#

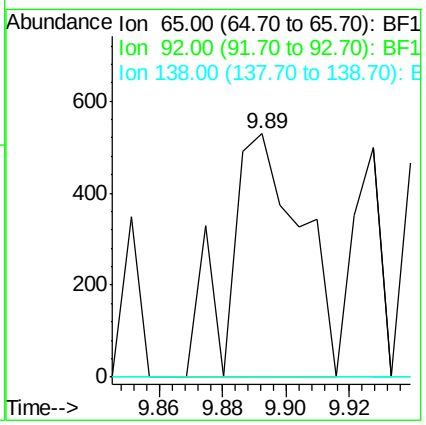


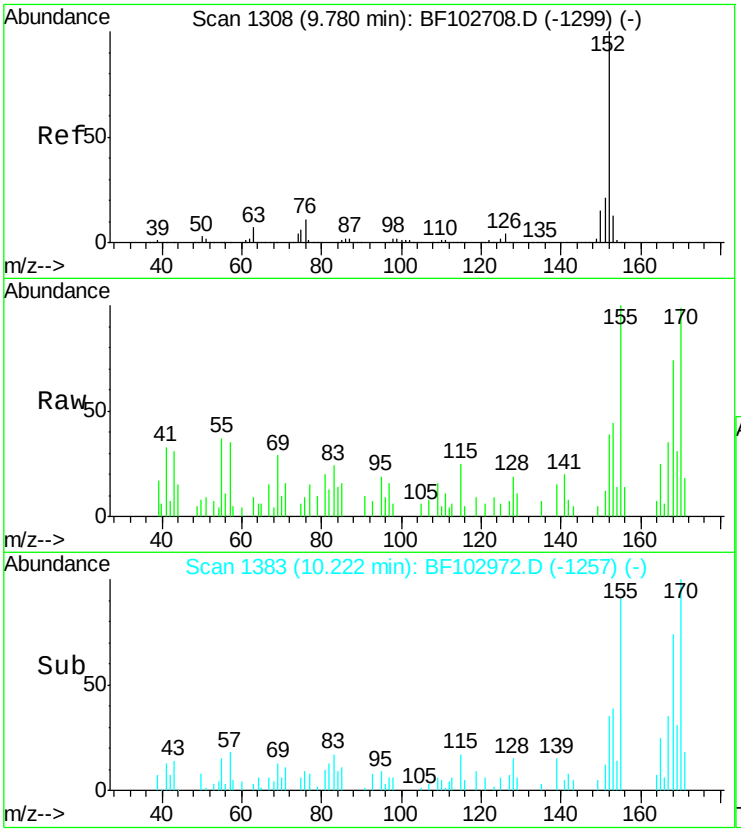


#47
2-Nitroaniline
Concen: 18.638 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.44 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion: 65 Resp: 845

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



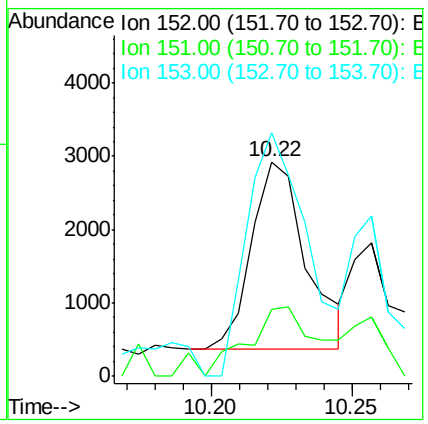


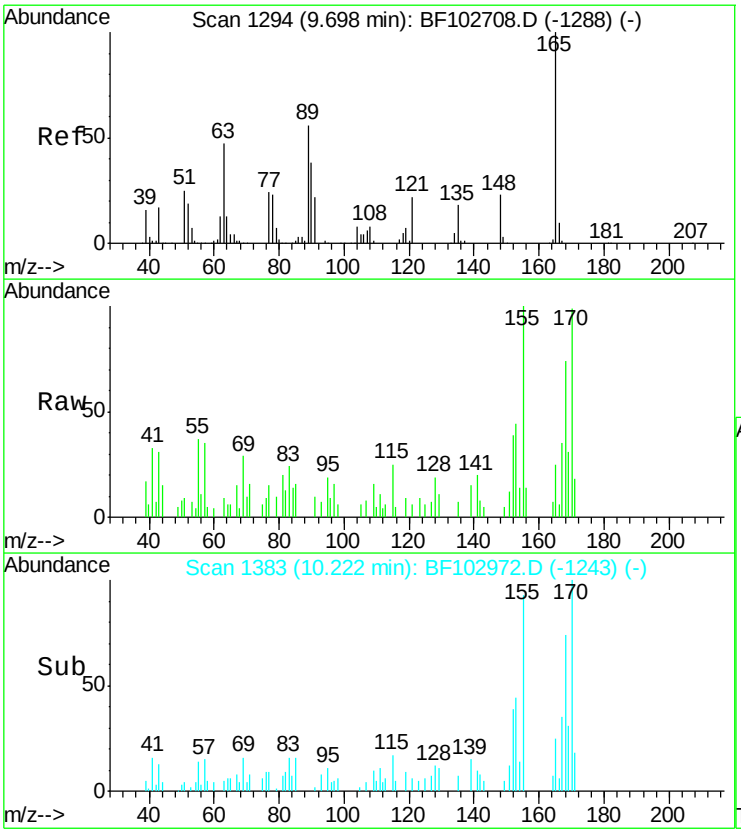
#48
Acenaphthylene
Concen: 13.269 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.44 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 3452

Ion	Ratio	Lower	Upper
152	100		
151	31.4	16.3	24.5#
153	113.5	10.7	16.1#

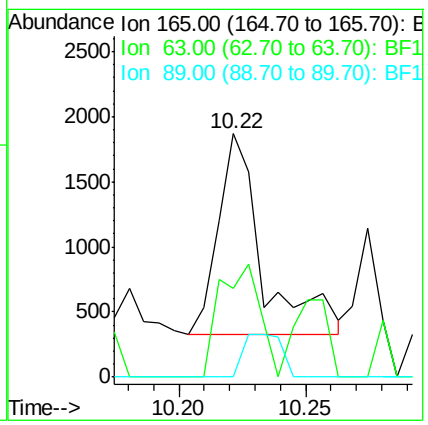


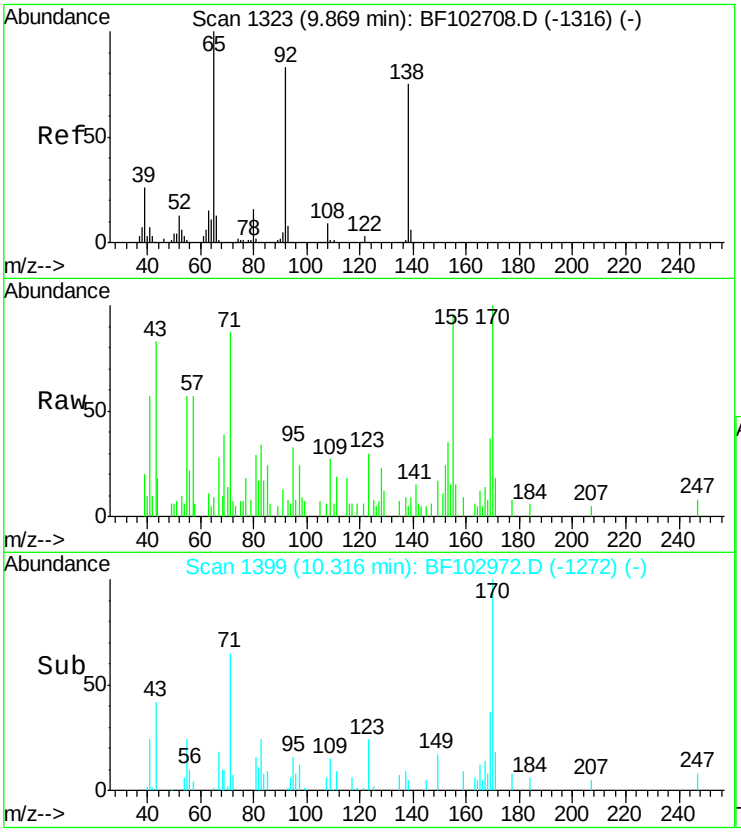


#50
2,6-Dinitrotoluene
Concen: 49.958 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.52 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:165 Resp: 1872

Ion	Ratio	Lower	Upper
165	100		
63	36.3	44.7	67.1#
89	0.0	44.0	66.0#



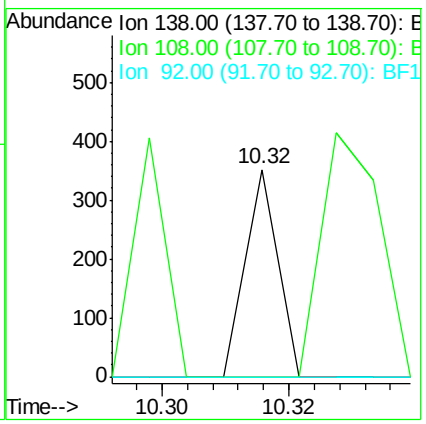


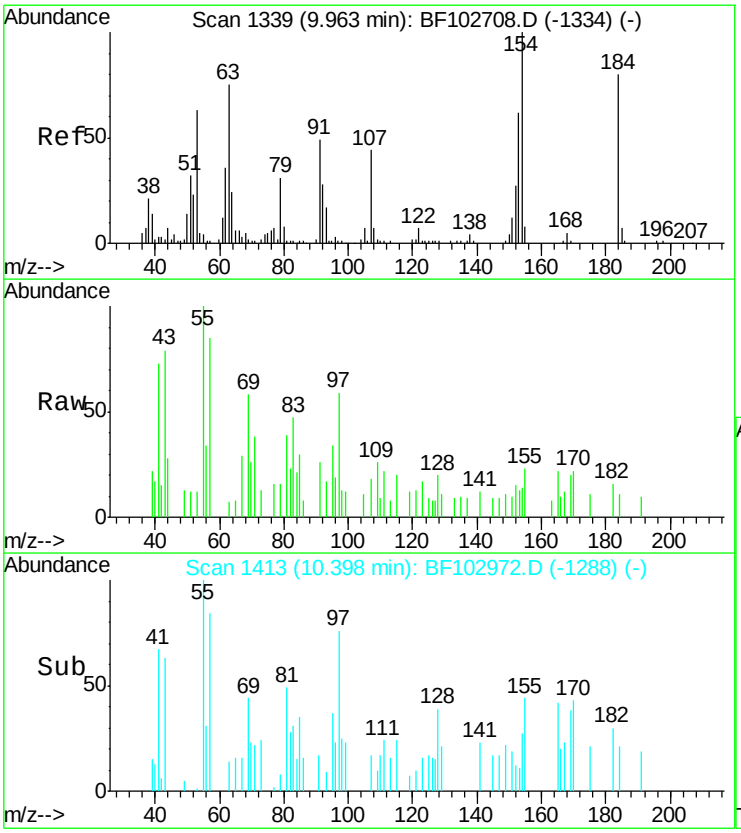
#52
3-Nitroaniline
Concen: 2.689 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.45 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:138 Resp: 124

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#

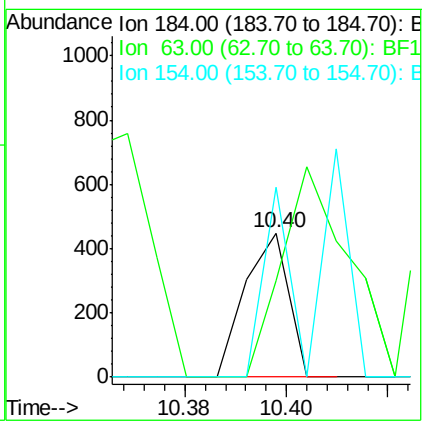


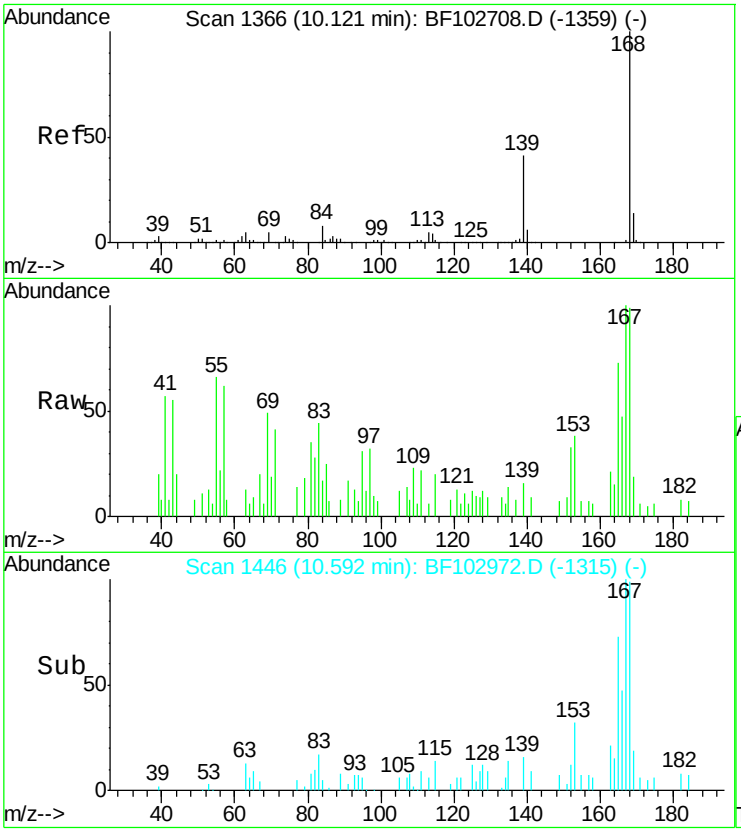


#53
2,4-Dinitrophenol
Concen: 36.277 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.44 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:184 Resp: 266

Ion	Ratio	Lower	Upper
184	100		
63	66.8	54.2	81.2
154	131.8	184.0	276.0#



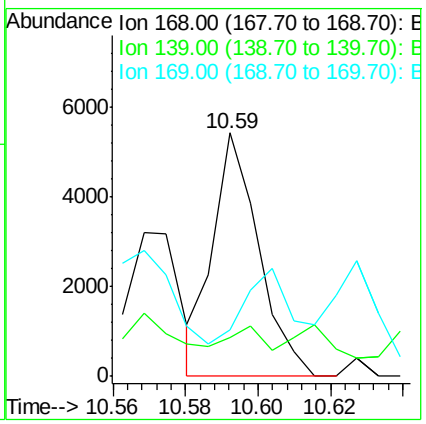


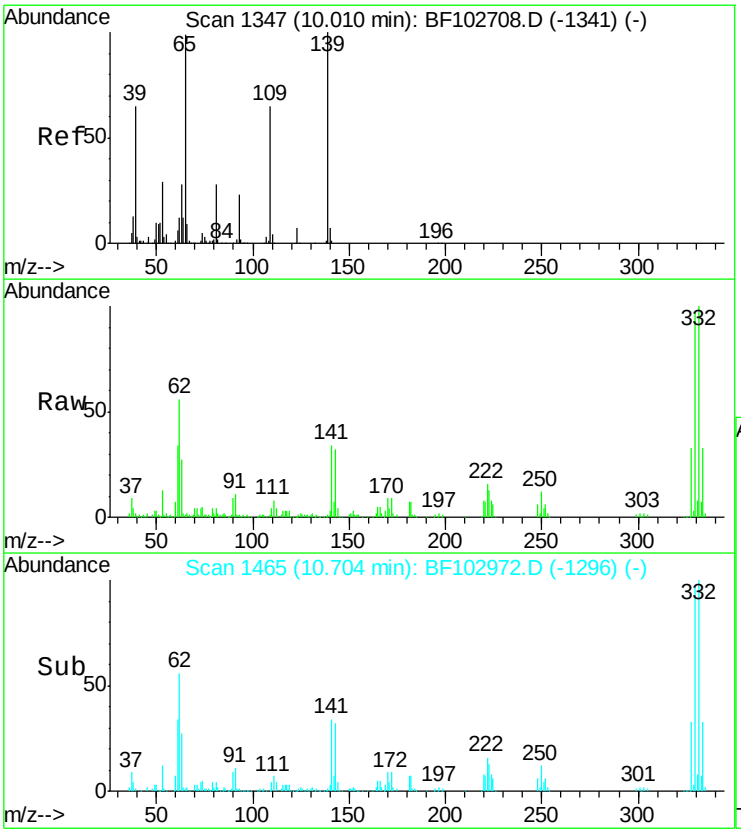
#54
Dibenzofuran
Concen: 21.683 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.47 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:168 Resp: 4754

Ion	Ratio	Lower	Upper
168	100		
139	16.2	30.1	45.1#
169	19.3	10.9	16.3#

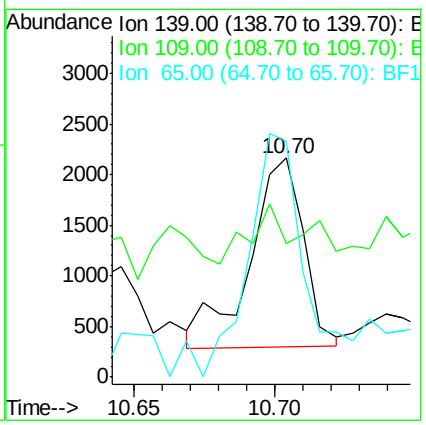


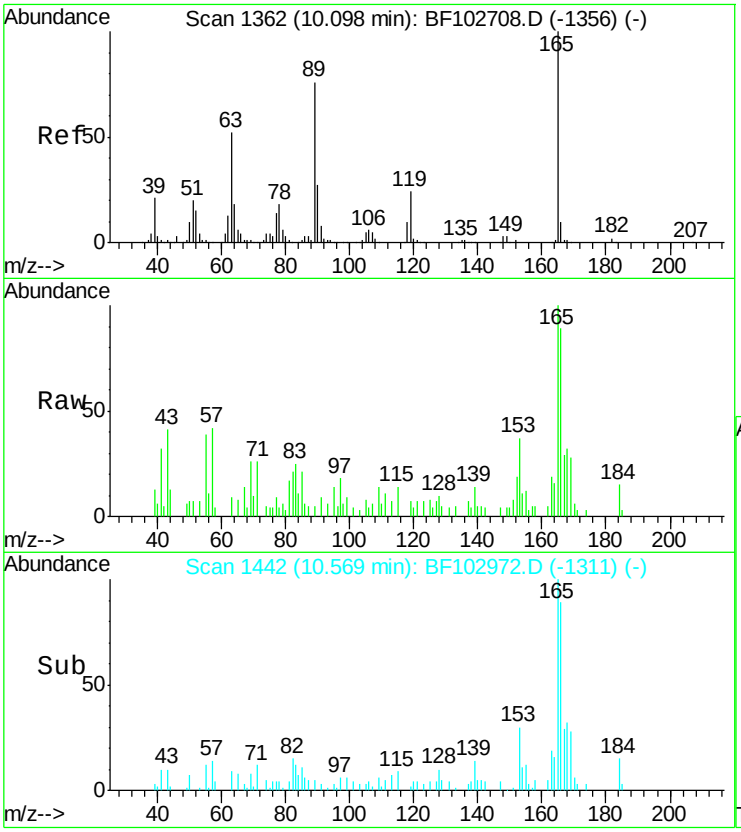


#55
4-Nitrophenol
Concen: 66.360 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.69 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:139 Resp: 2487

Ion	Ratio	Lower	Upper
139	100		
109	61.3	48.4	88.4
65	108.0	72.6	112.6



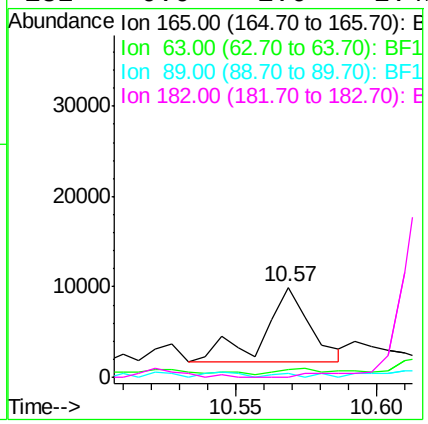


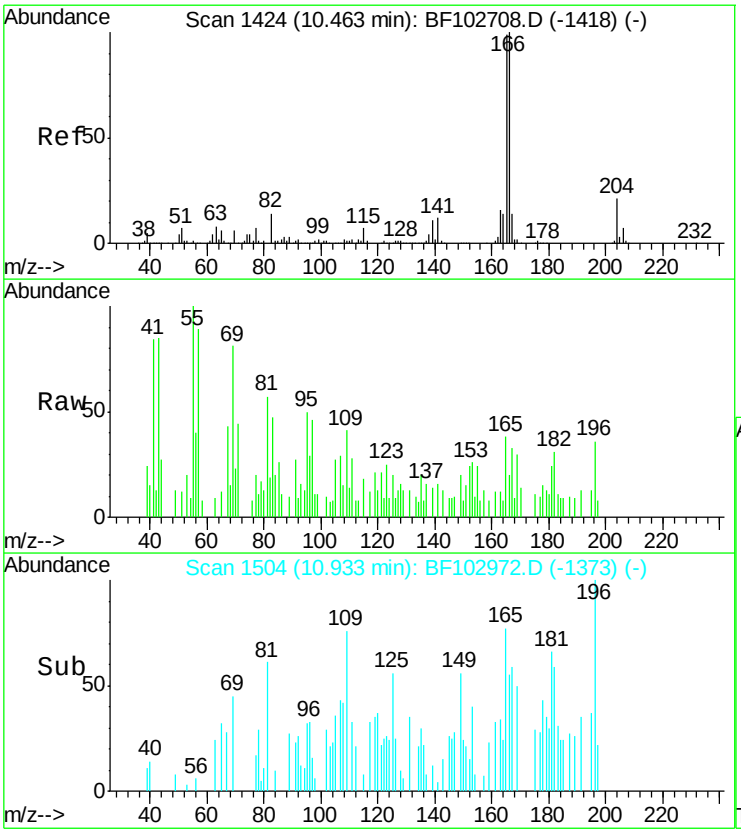
#56
2,4-Dinitrotoluene
Concen: 179.459 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.47 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:165 Resp: 9471

Ion	Ratio	Lower	Upper
165	100		
63	9.3	36.4	54.6#
89	4.6	57.8	86.6#
182	0.0	1.6	2.4#

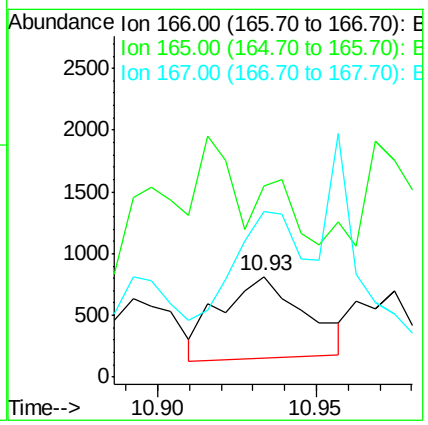


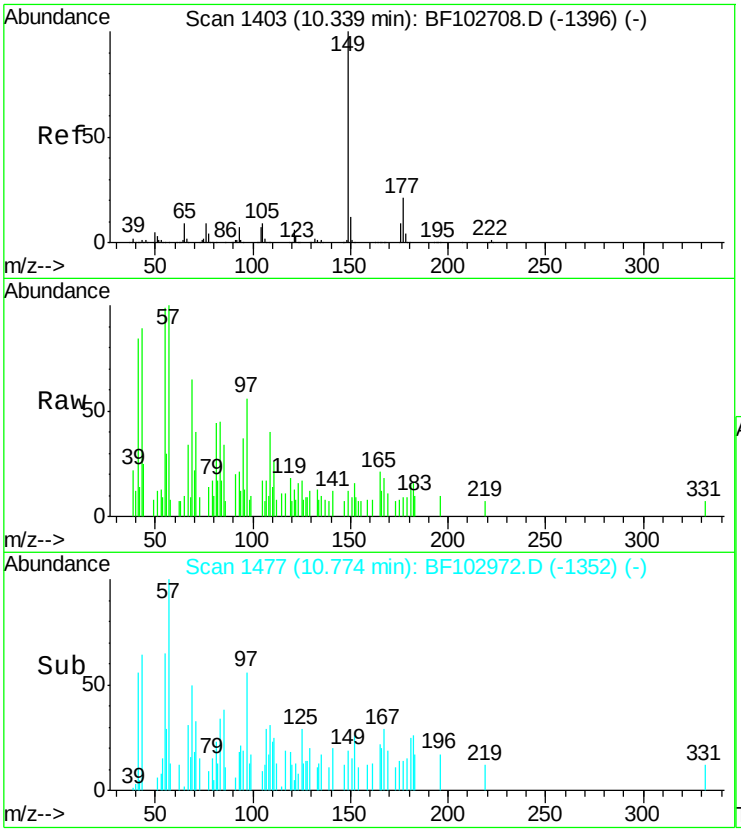


#57
Fluorene
Concen: 7.623 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.47 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:166 Resp: 1216

Ion	Ratio	Lower	Upper
166	100		
165	190.3	79.8	119.8#
167	164.7	10.6	16.0#



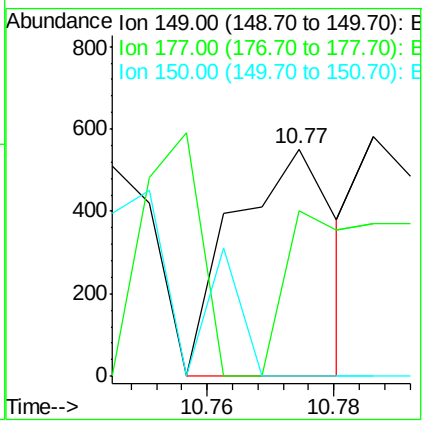


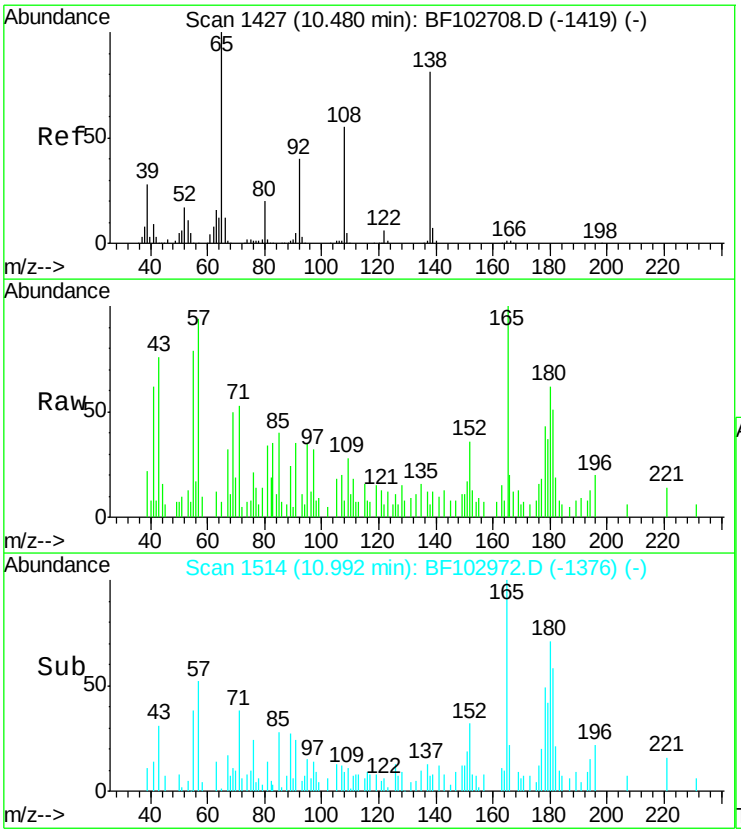
#59
Diethylphthalate
Concen: 3.152 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.44 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:149 Resp: 613

Ion	Ratio	Lower	Upper
149	100		
177	72.8	16.1	24.1#
150	0.0	10.1	15.1#

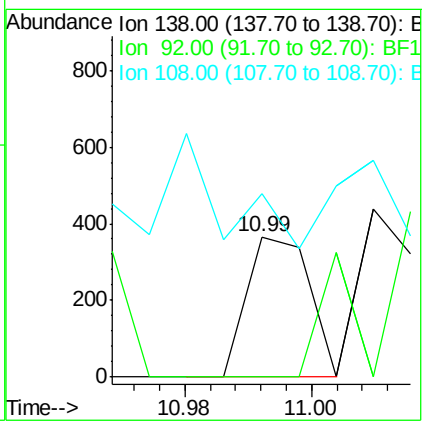


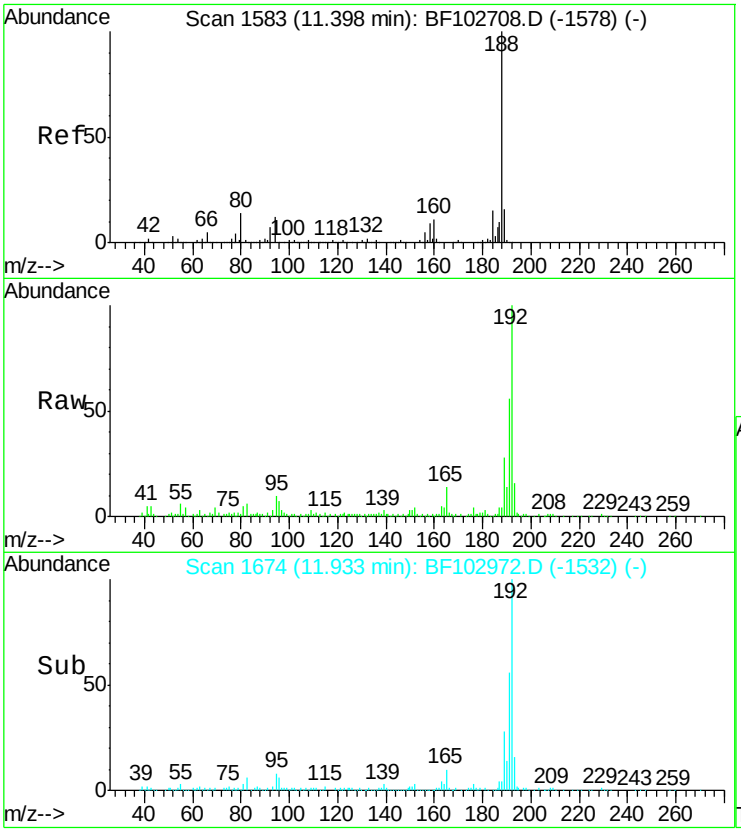


#61
4-Nitroaniline
Concen: 5.651 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.51 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:138 Resp: 248

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	130.7	52.5	92.5#



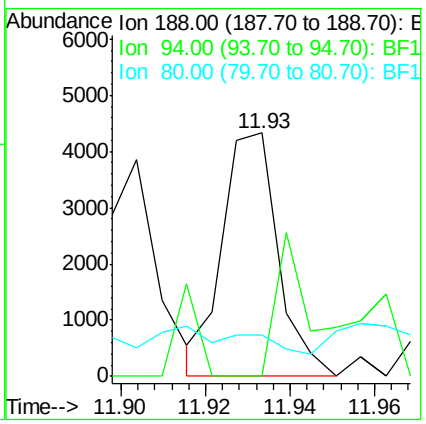


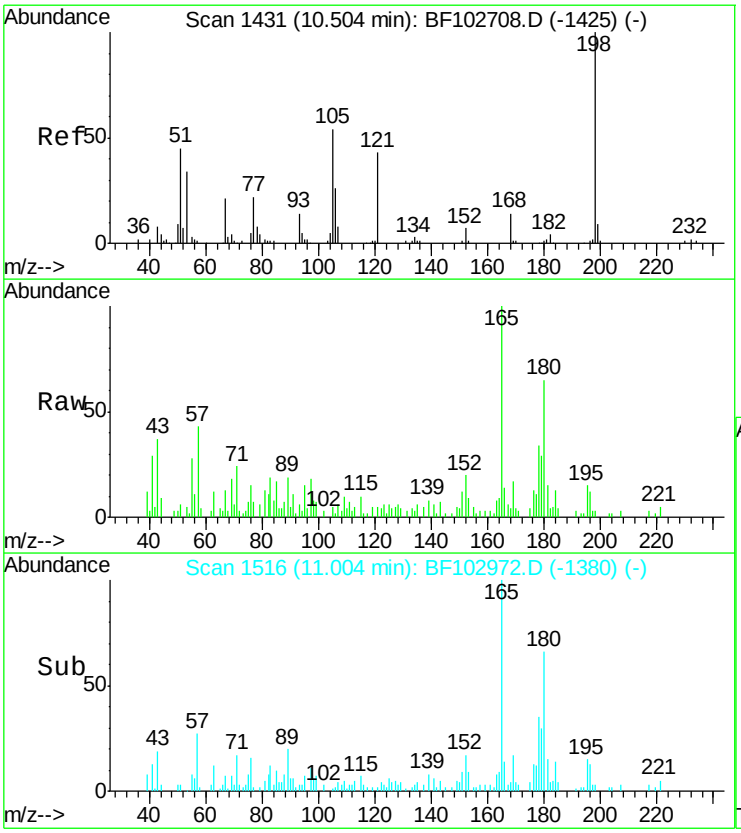
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.93 min Scan# 1674
Delta R.T. 0.54 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:188 Resp: 3968

Ion	Ratio	Lower	Upper
188	100		
94	0.0	8.5	12.7#
80	17.0	9.2	13.8#

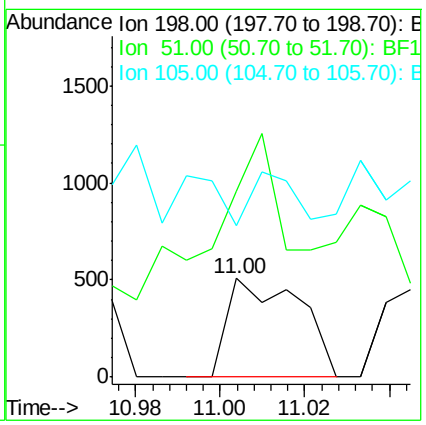


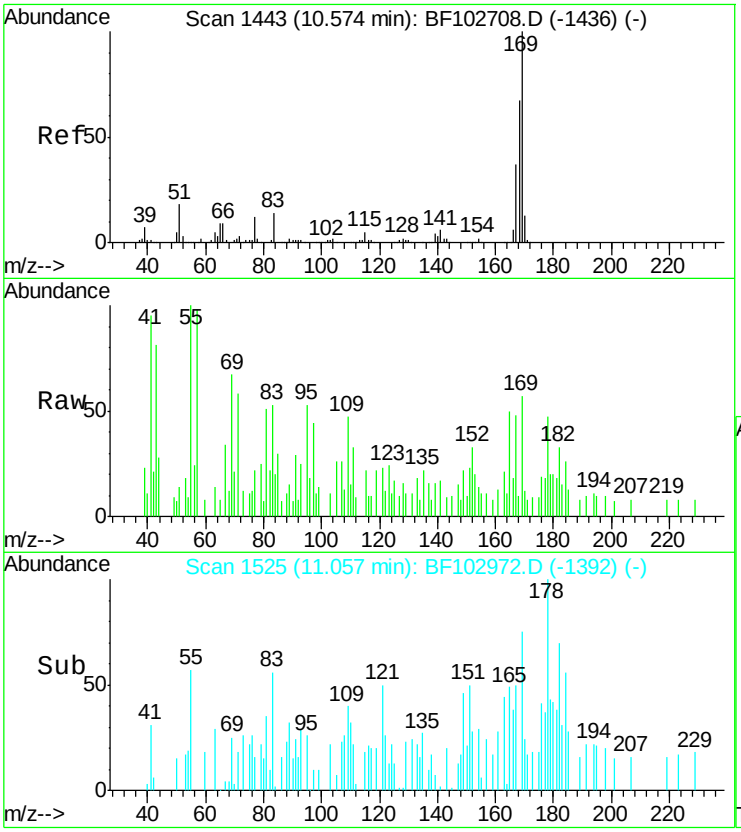


#64
4,6-Dinitro-2-methylphenol
Concen: 39.281 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.50 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:198 Resp: 600

Ion	Ratio	Lower	Upper
198	100		
51	189.2	37.7	77.7#
105	153.7	36.3	76.3#



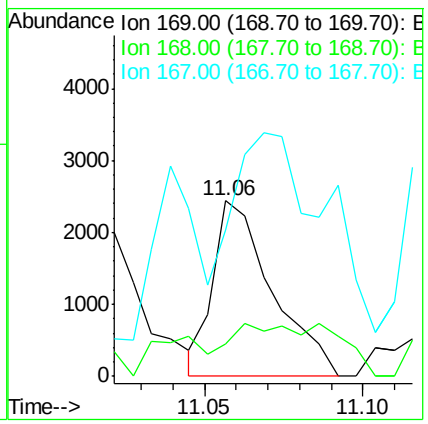


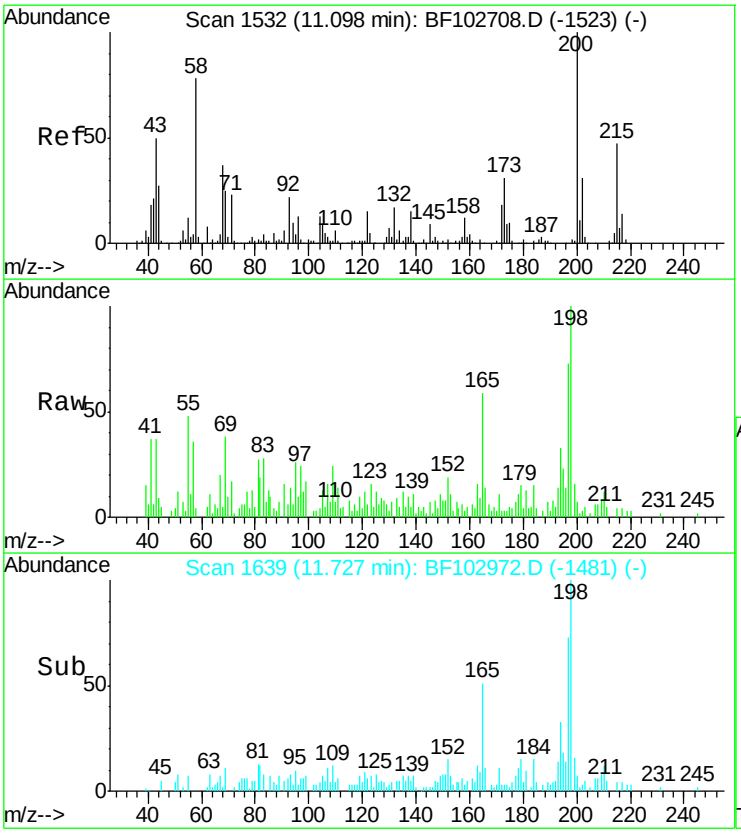
#65
n-Nitrosodiphenylamine
Concen: 22.585 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.48 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:169 Resp: 3161

Ion	Ratio	Lower	Upper
169	100		
168	18.1	54.4	81.6#
167	83.6	29.8	44.6#

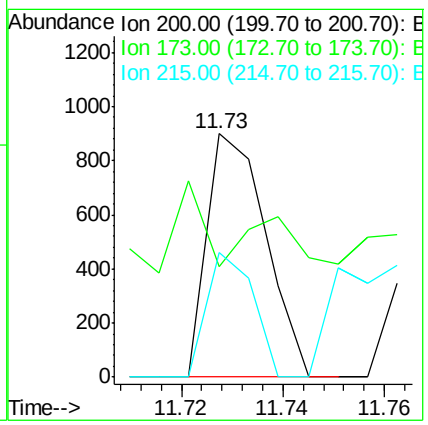


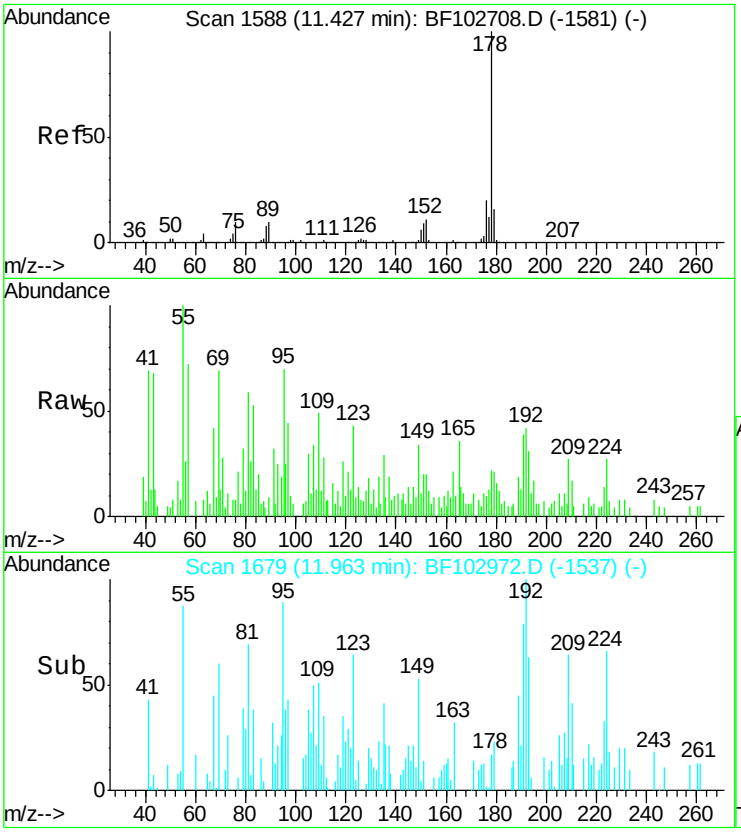


#68
Atrazine
Concen: 17.486 ng
RT: 11.73 min Scan# 1639
Delta R.T. 0.63 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:200 Resp: 722

Ion	Ratio	Lower	Upper
200	100		
173	45.6	8.6	48.6
215	51.2	25.1	65.1



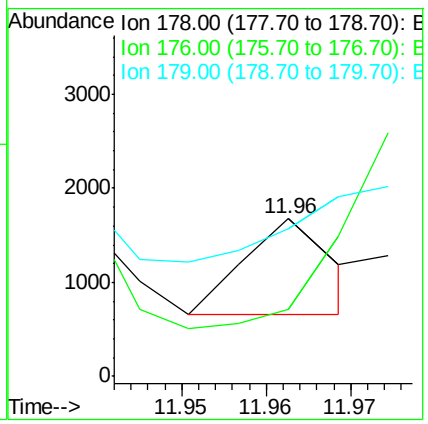


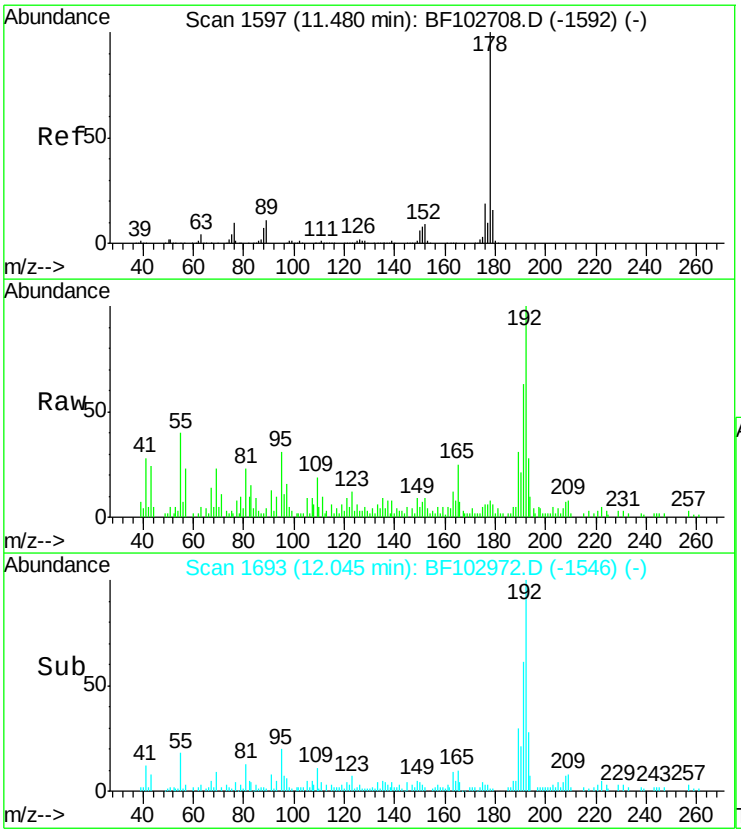
#70
Phenanthrene
Concen: 3.281 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.54 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:178 Resp: 725

Ion	Ratio	Lower	Upper
178	100		
176	42.4	15.8	23.8#
179	94.0	13.0	19.6#

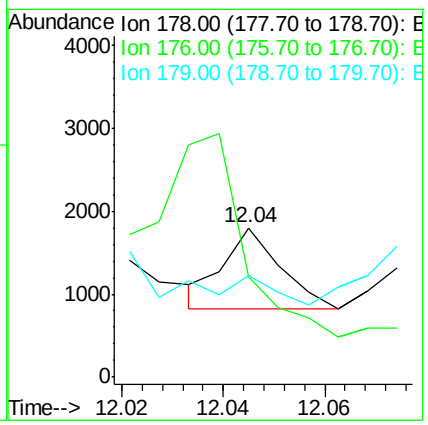


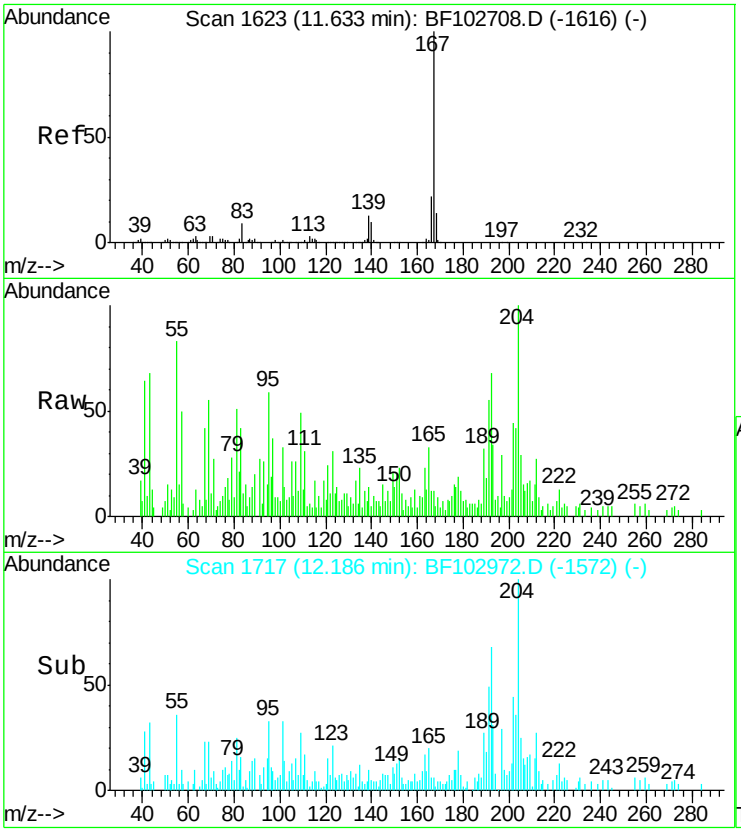


#71
Anthracene
Concen: 3.372 ng
RT: 12.04 min Scan# 1693
Delta R.T. 0.56 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:178 Resp: 758

Ion	Ratio	Lower	Upper
178	100		
176	67.3	15.4	23.2#
179	67.8	12.6	19.0#



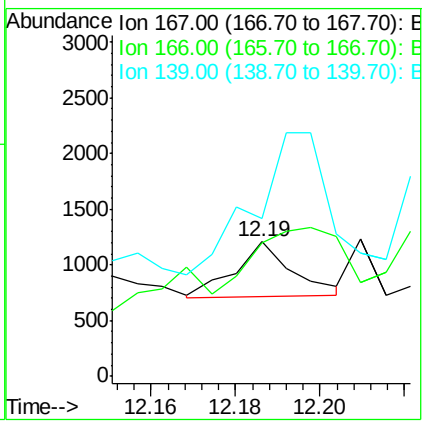


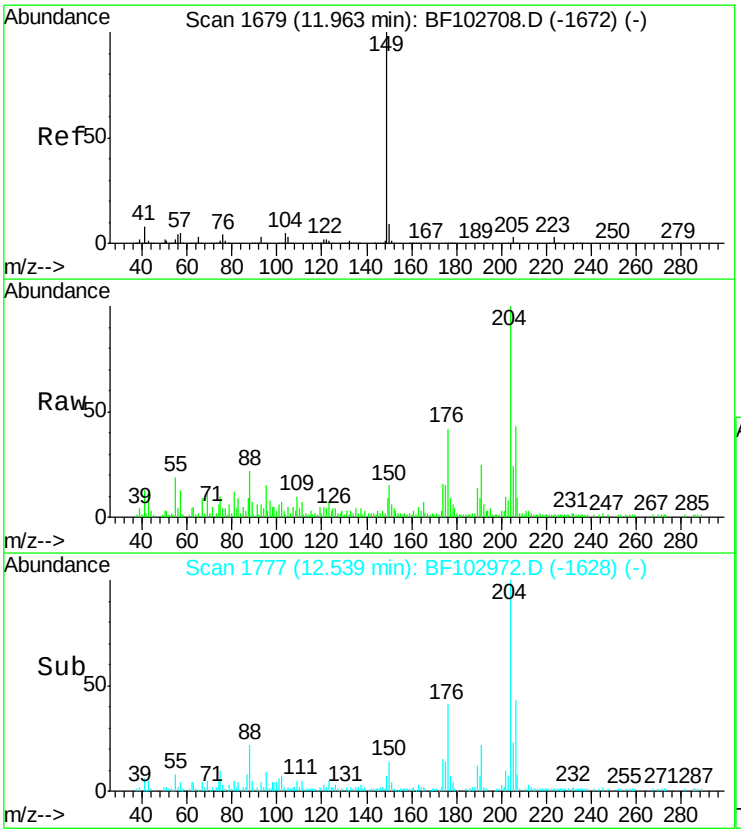
#72
Carbazole
Concen: 2.125 ng
RT: 12.19 min Scan# 1717
Delta R.T. 0.55 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:167 Resp: 468

Ion	Ratio	Lower	Upper
167	100		
166	99.5	17.6	26.4#
139	117.0	10.9	16.3#

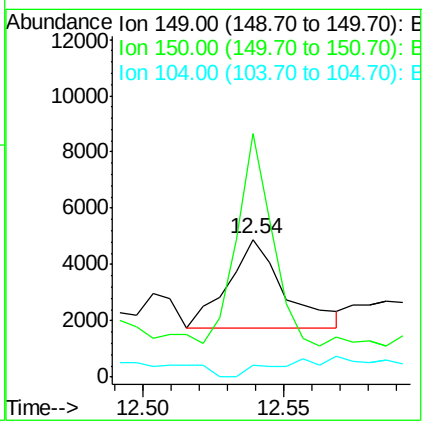


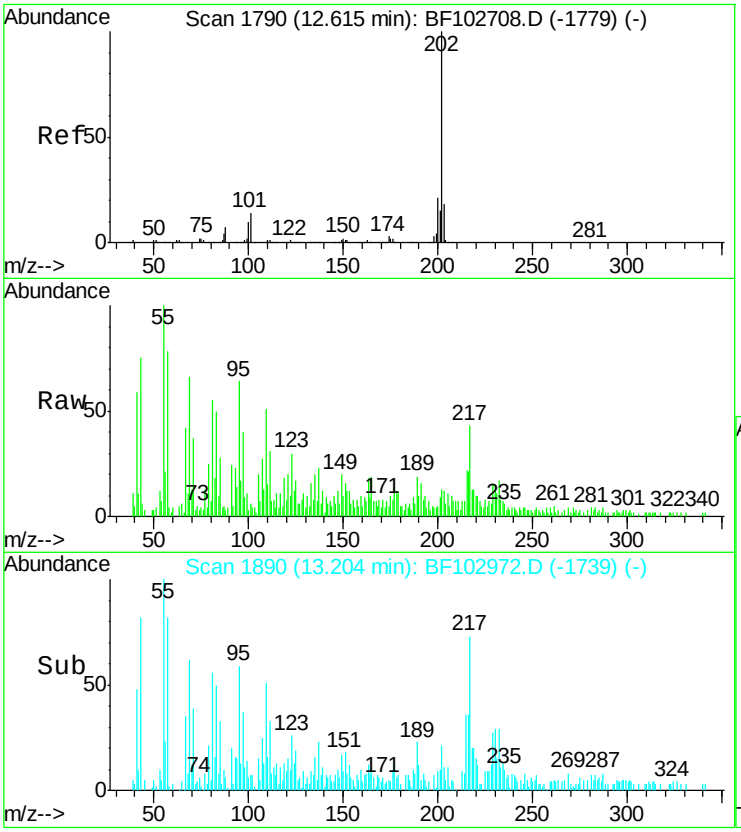


#73
Di-n-butylphthalate
Concen: 16.569 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.58 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:149 Resp: 4432

Ion	Ratio	Lower	Upper
149	100		
150	177.0	7.8	11.6#
104	8.4	3.8	5.8#



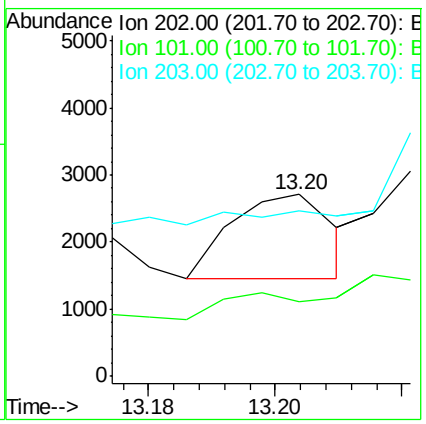


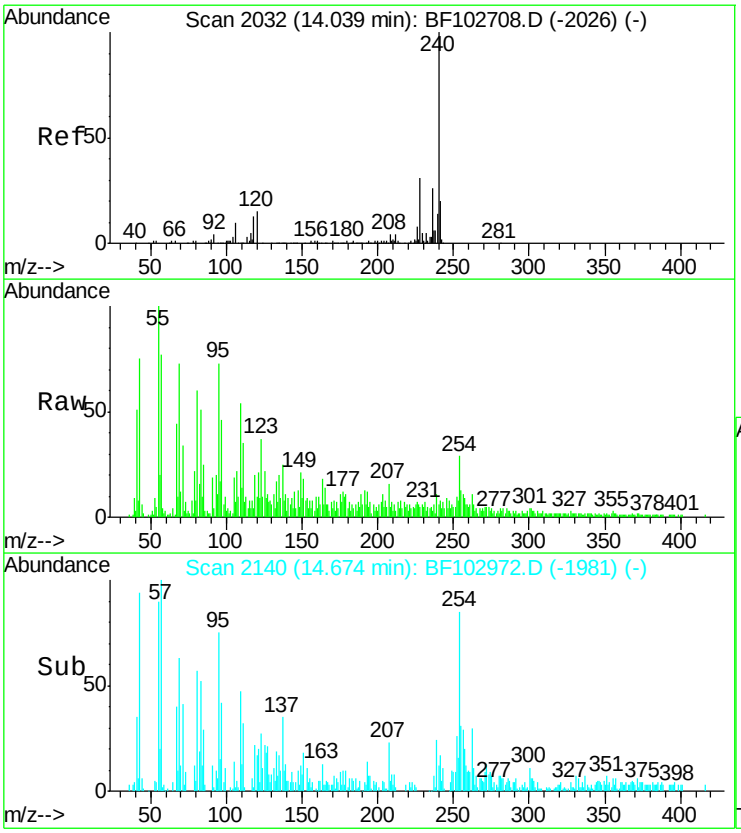
#74
Fluoranthene
Concen: 6.171 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.59 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:202 Resp: 1372

Ion	Ratio	Lower	Upper
202	100		
101	41.3	0.0	34.1#
203	91.3	0.0	38.1#

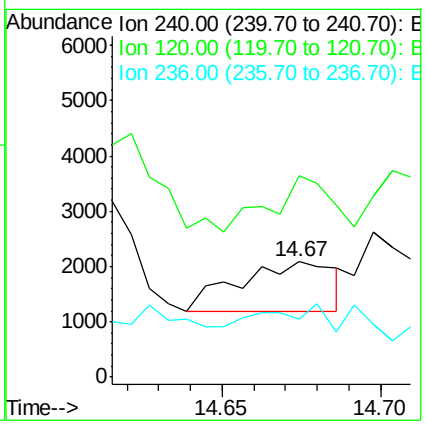


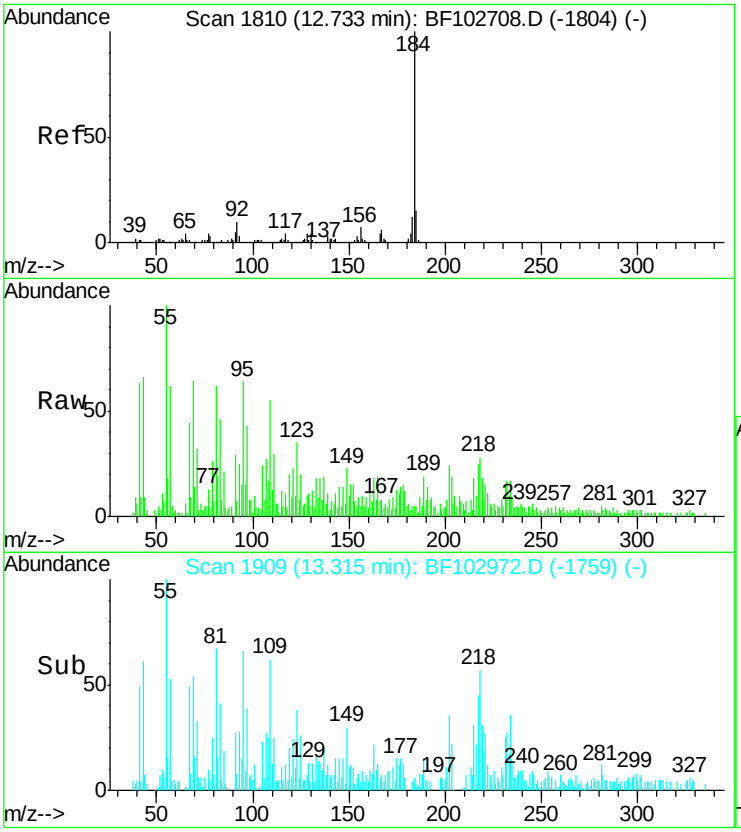


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.67 min Scan# 2140
Delta R.T. 0.64 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:240 Resp: 1920

Ion	Ratio	Lower	Upper
240	100		
120	174.8	9.5	14.3#
236	50.6	20.7	31.1#



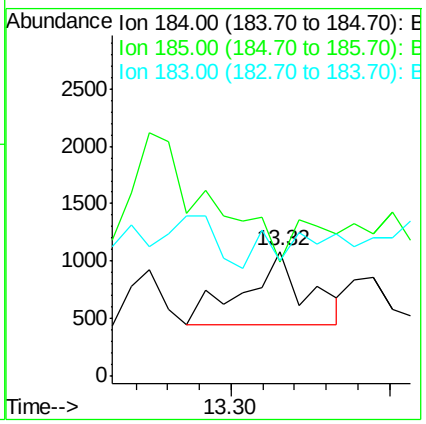


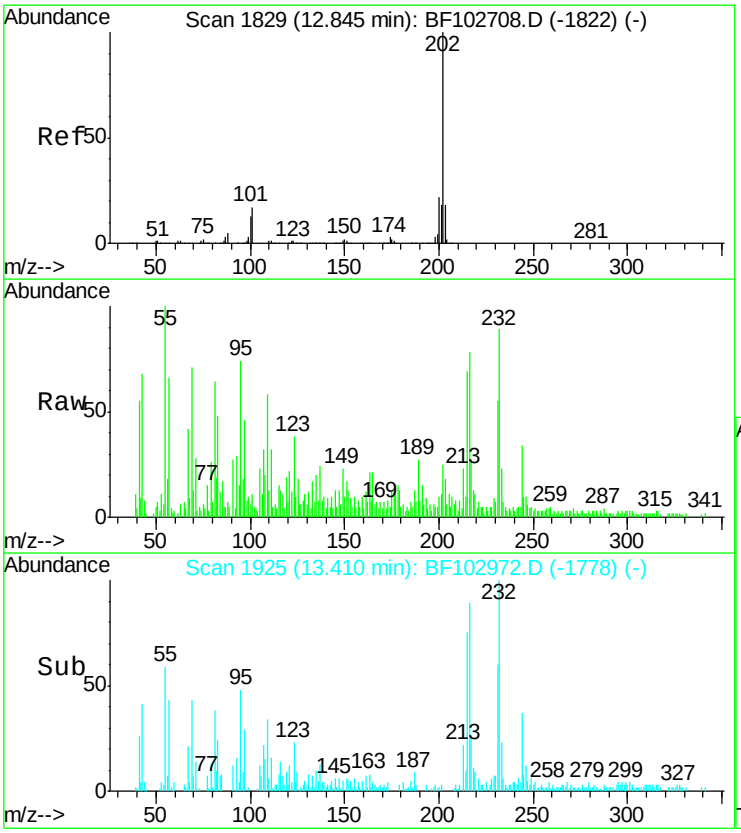
#76
Benzidine
Concen: 9.689 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.58 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:184 Resp: 855

Ion	Ratio	Lower	Upper
184	100		
185	91.0	12.6	18.8#
183	92.2	9.3	13.9#

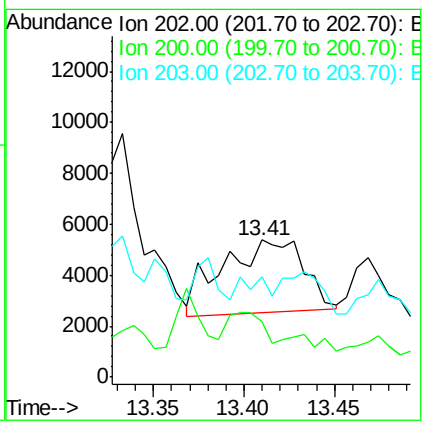


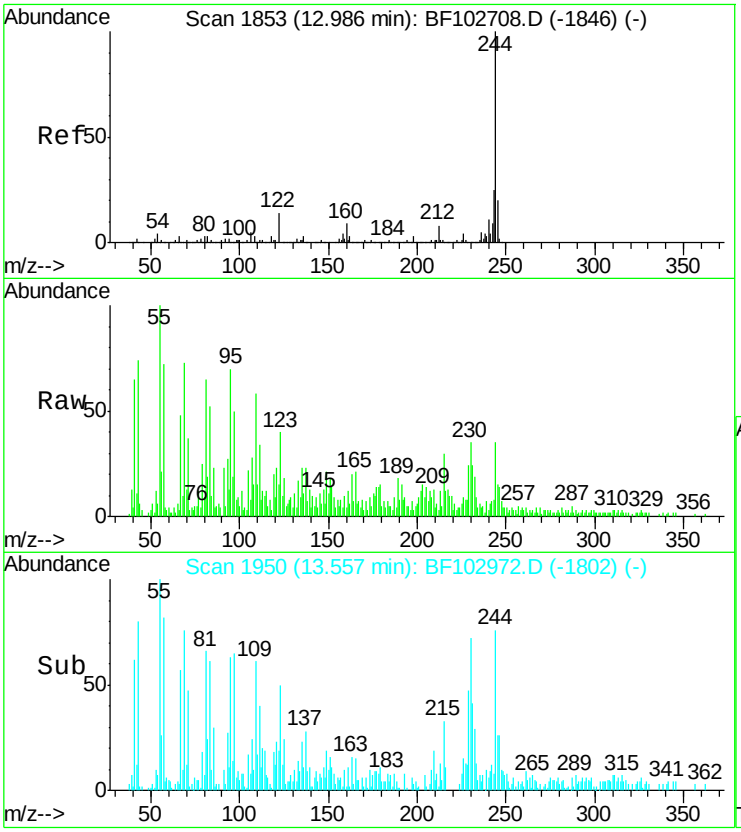


#77
Pyrene
Concen: 58.987 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.56 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:202 Resp: 8881

Ion	Ratio	Lower	Upper
202	100		
200	40.7	17.4	26.2#
203	72.8	14.3	21.5#



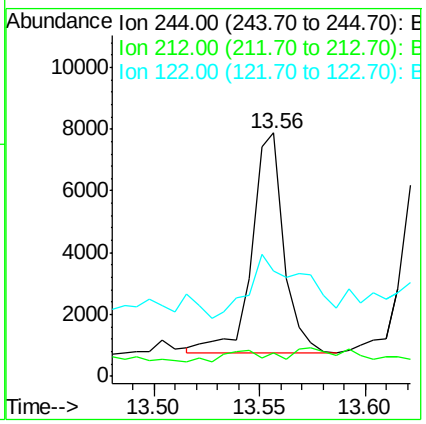


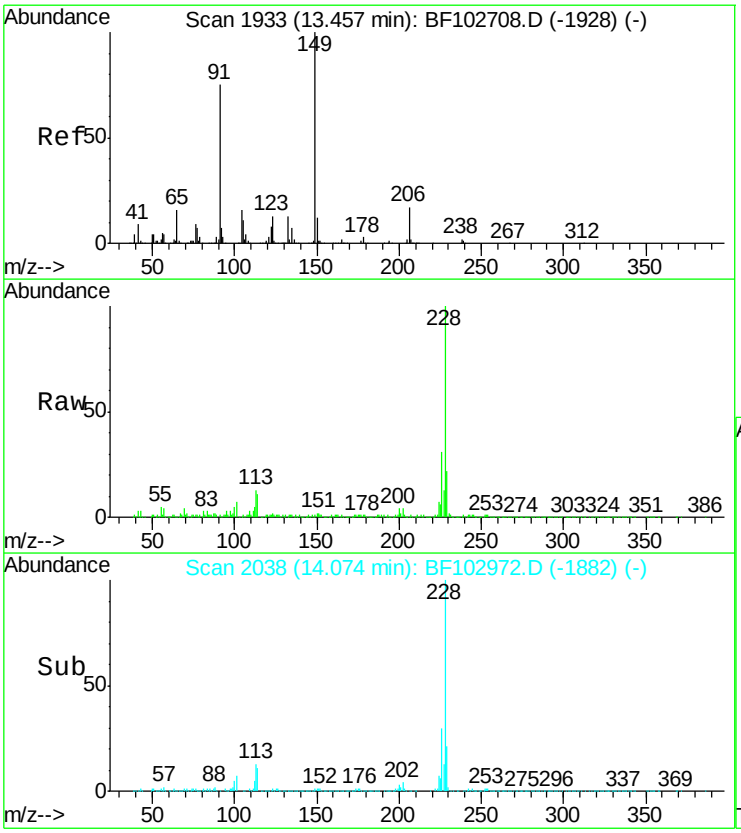
#78
Terphenyl-d14
Concen: 91.936 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.57 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:244 Resp: 7455

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.4	8.0#
122	43.3	11.0	16.4#

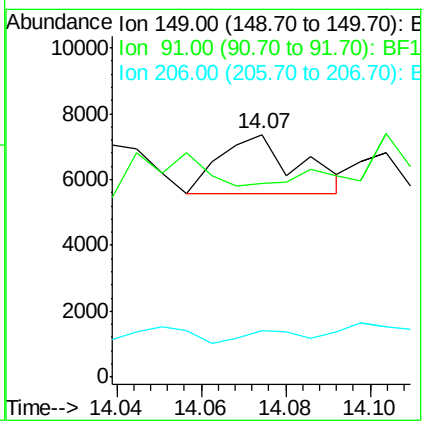


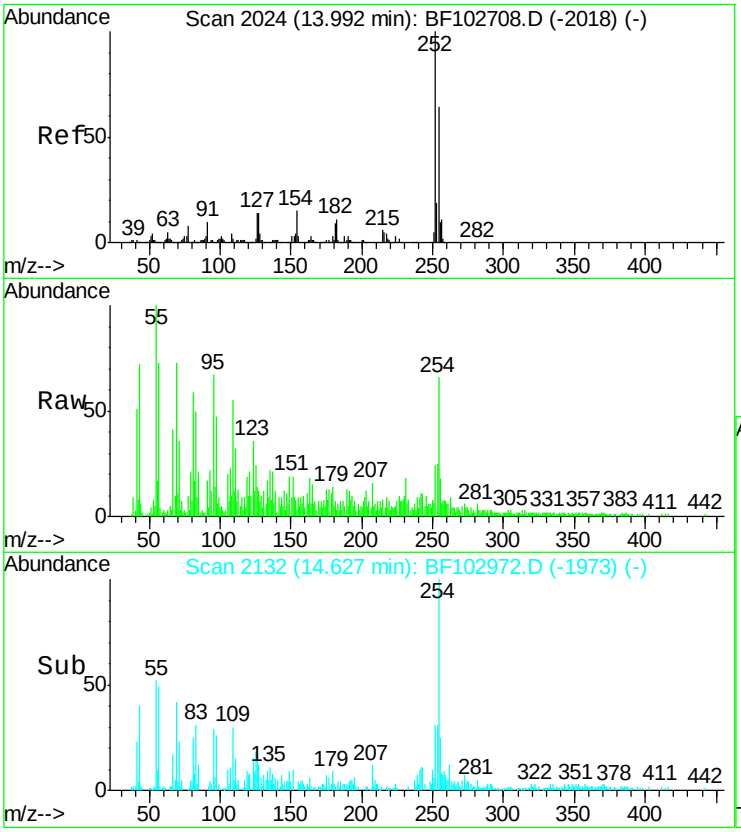


#79
Butylbenzylphthalate
Concen: 32.089 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.62 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:149 Resp: 2286

Ion	Ratio	Lower	Upper
149	100		
91	79.6	56.8	85.2
206	19.4	14.1	21.1



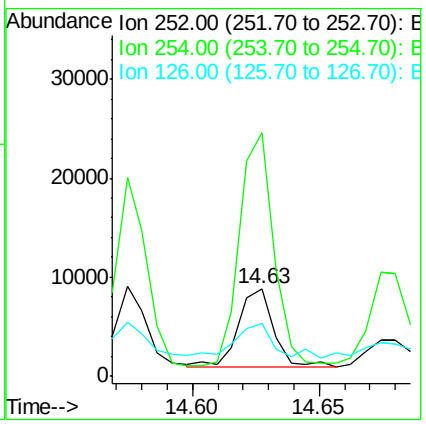


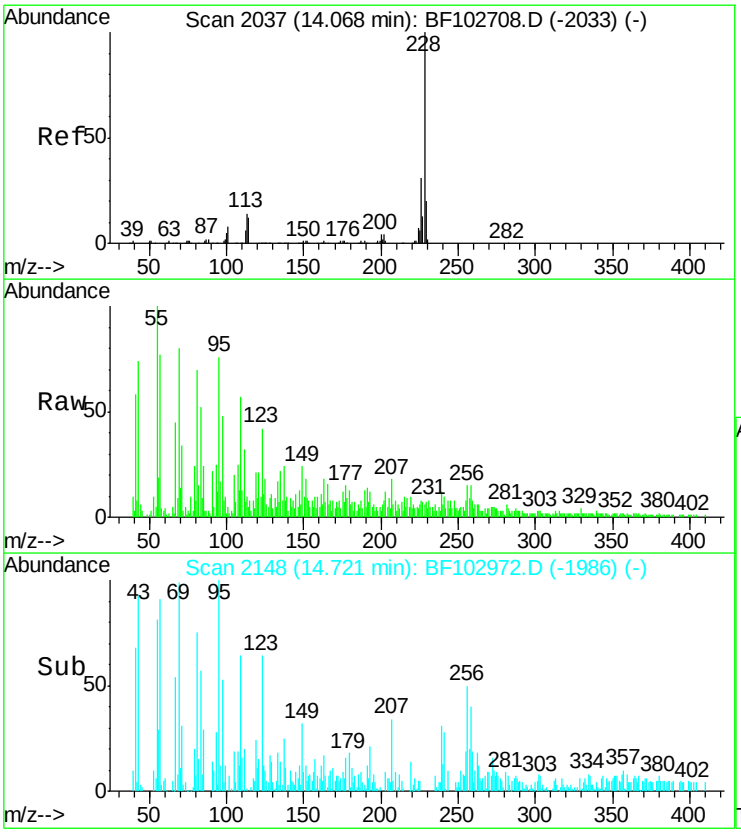
#81
3,3'-Dichlorobenzidine
Concen: 168.791 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.64 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:252 Resp: 7557

Ion	Ratio	Lower	Upper
252	100		
254	278.3	50.4	75.6#
126	60.3	11.3	16.9#

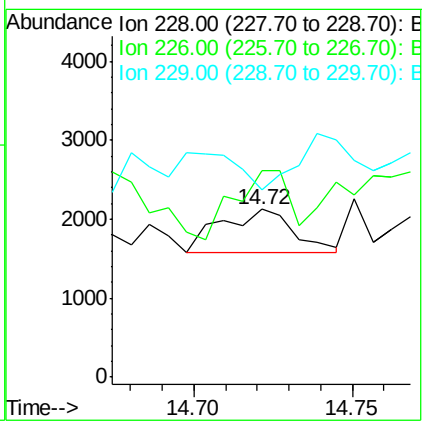


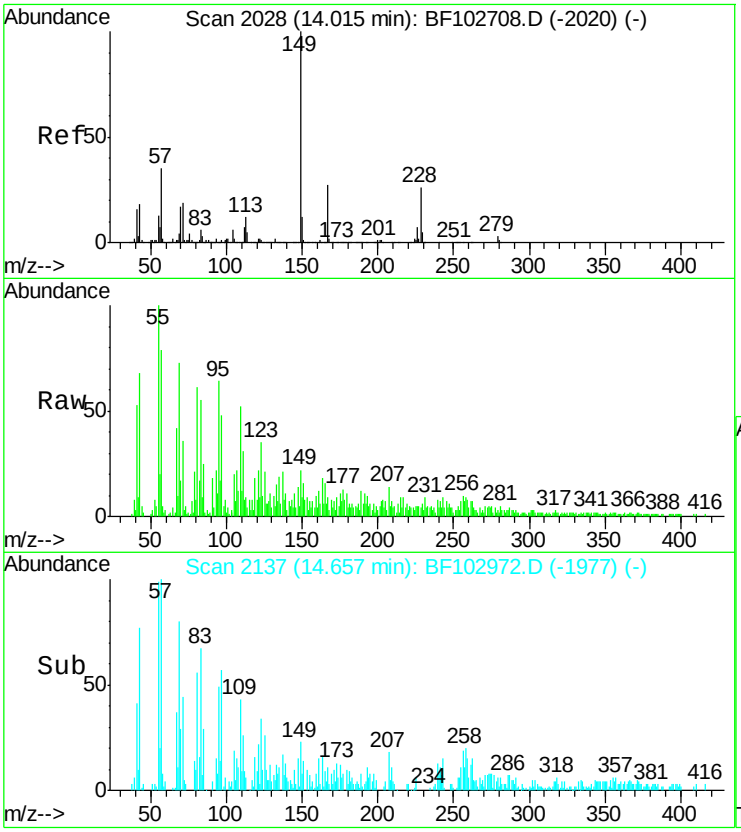


#82
Chrysene
Concen: 7.221 ng
RT: 14.72 min Scan# 2148
Delta R.T. 0.65 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:228 Resp: 879

Ion	Ratio	Lower	Upper
228	100		
226	123.3	25.0	37.6#
229	112.1	16.2	24.4#



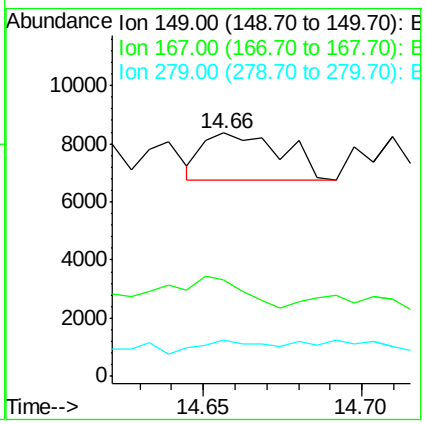


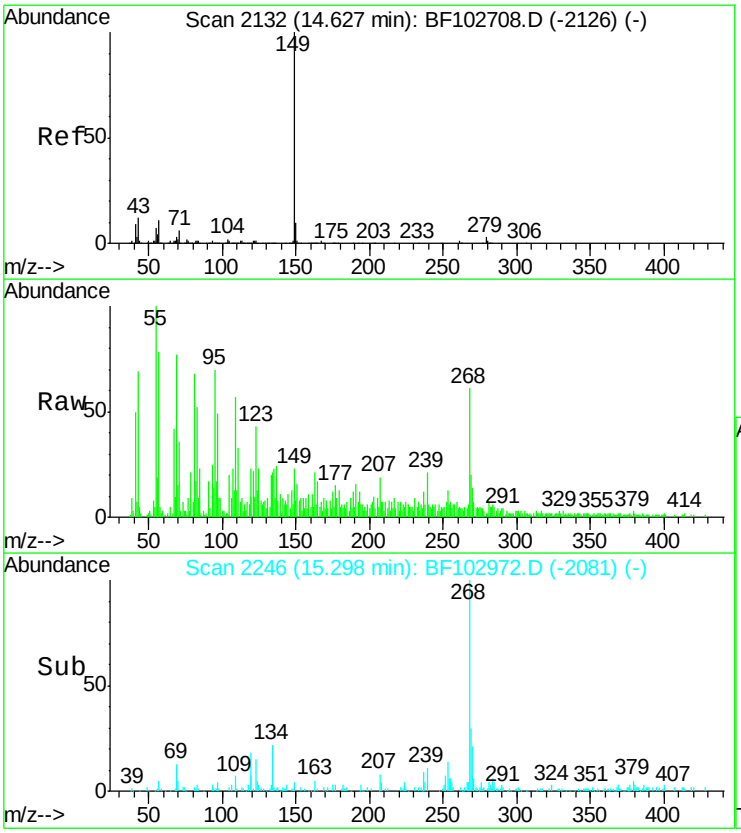
#83
Bis(2-ethylhexyl)phthalate
Concen: 31.194 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.64 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:149 Resp: 2877

Ion	Ratio	Lower	Upper
149	100		
167	39.7	21.3	31.9#
279	14.8	3.0	4.4#

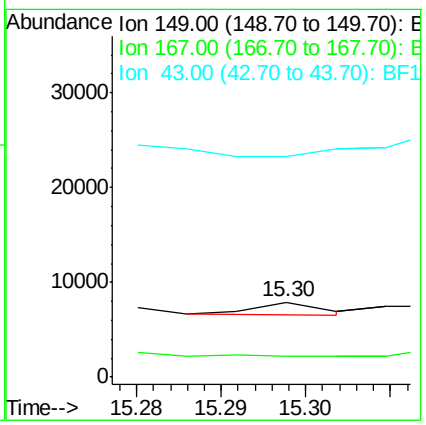


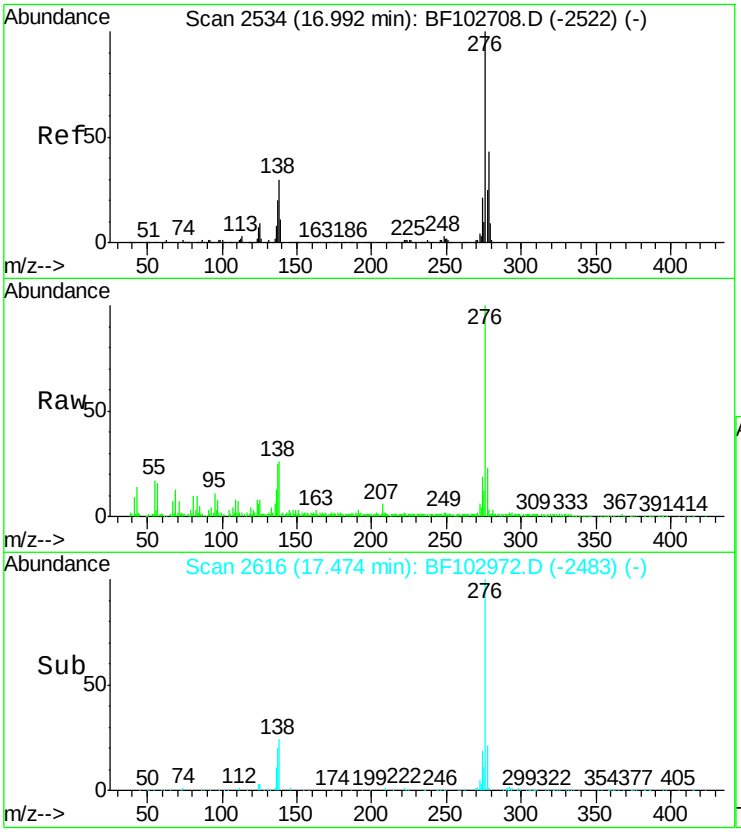


#84
Di-n-octyl phthalate
Concen: 5.149 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.67 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:149 Resp: 713

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	8.4	12.6#



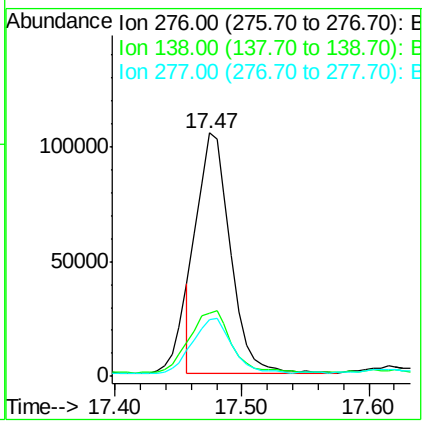


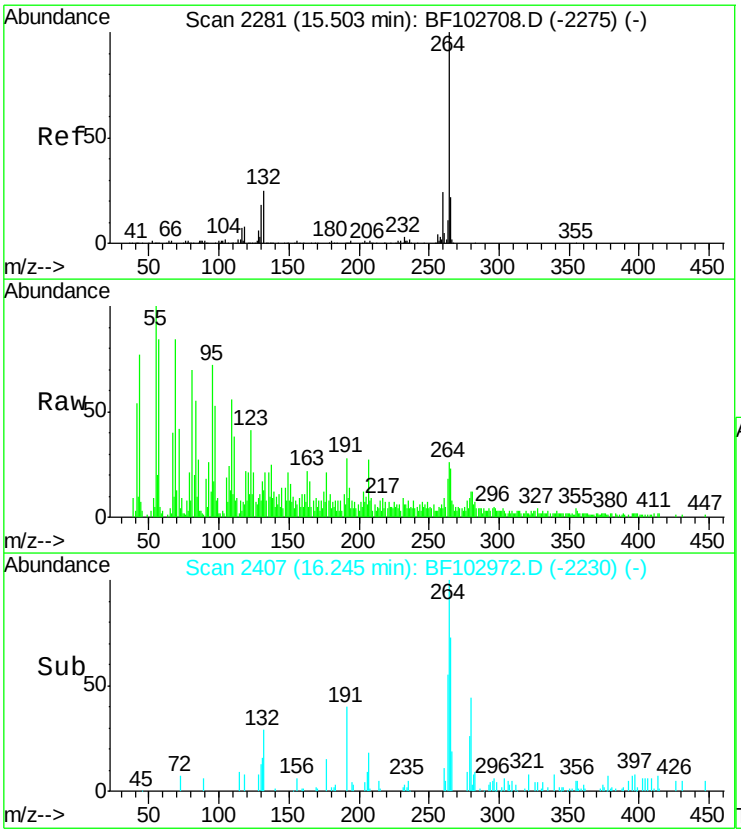
#85
Indeno(1,2,3-cd)pyrene
Concen: 1875.849 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.48 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:276 Resp: 189374

Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	23.8	20.1	30.1

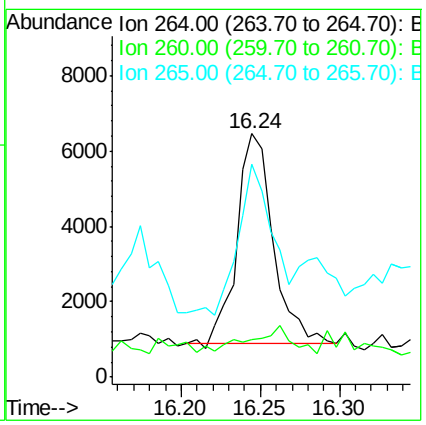


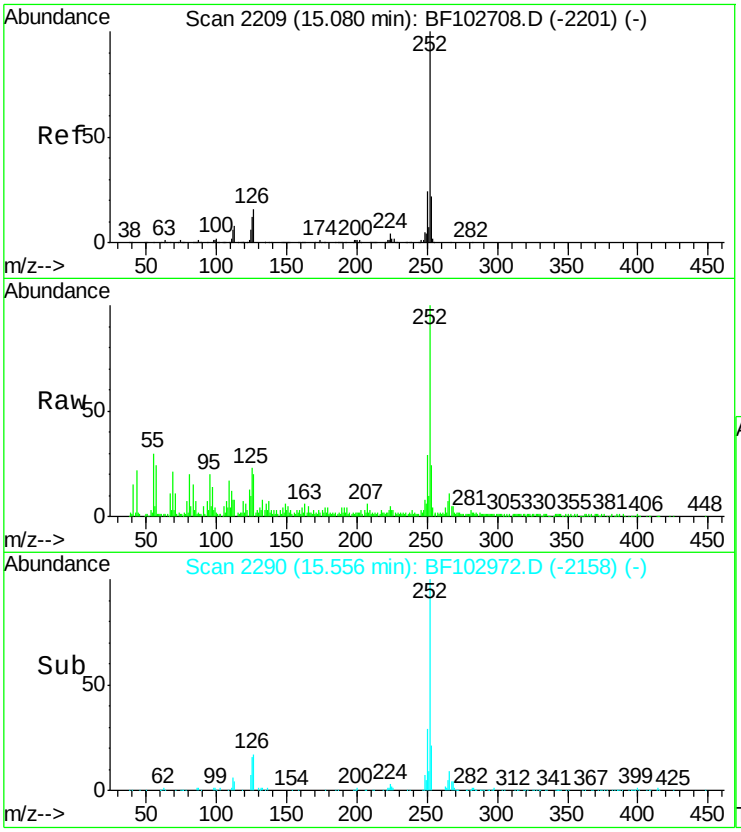


#86
Perylene-d12
Concen: 20.000 ng
RT: 16.24 min Scan# 2407
Delta R.T. 0.74 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:264 Resp: 8854

Ion	Ratio	Lower	Upper
264	100		
260	15.7	19.2	28.8#
265	87.2	17.5	26.3#



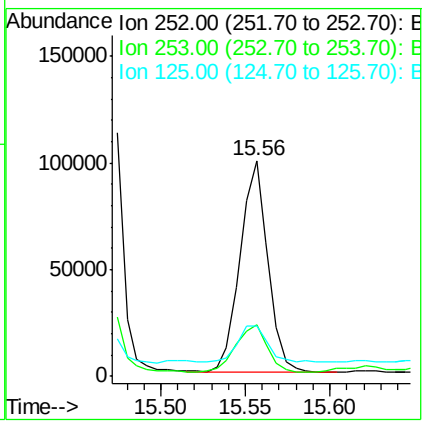


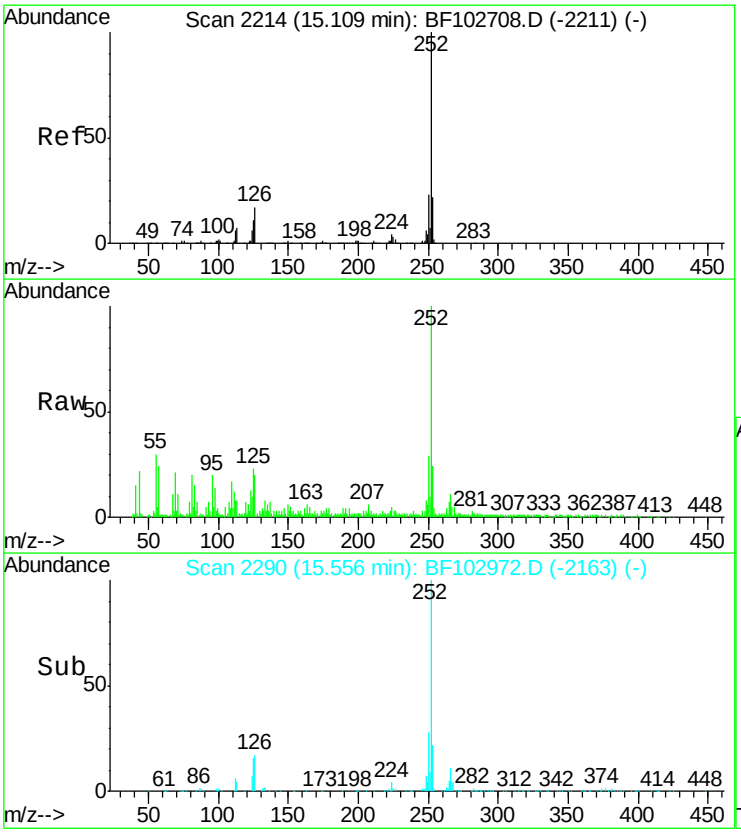
#87
Benzo(b)fluoranthene
Concen: 198.451 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.48 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:252 Resp: 113918

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	23.0	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 207.026 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.45 min
Lab File: BF102972.D
Acq: 13 Feb 2018 20:01

Tgt Ion:252 Resp: 113551

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	23.0	10.2	15.2#