Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

Quantitation Report (Not Reviewed)

Data File : BG038809.D
Acq On : 22 Dec 2018 9:20
Operator : JU/SJ
Sample : J6386-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS007-1218-01

Quant Time: Dec 24 03:53:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	31971	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	131239	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	82465	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	178628	20.00	ng		0.00
76) Chrysene-d12	21.73	240	184796	20.00	ng		0.00
87) Perylene-d12	25.04	264	190079	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	204538	113.47	ng		0.00
7) Phenol-d6	7.22	99	293129	118.46	ng		0.01
23) Nitrobenzene-d5	9.24	82	184965	72.00	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	138977	122.28	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	464172	77.22	ng		0.00
79) Terphenyl-d14	20.04	244	605364	71.29	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	37552	14.284	ng		92
17) 2-Methylphenol	8.51	107	4129	2.344	ng		90
19) n-Nitroso-di-n-propylamine	9.24	70	25418	14.625	ng	#	66
20) 3+4-Methylphenols	8.83	107	16154	6.641	ng		92
27) 2,4-Dimethylphenol	10.04	122	7174	3.763	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	18363	7.169	ng		98
32) Benzoic acid	10.19	122	373	10.407	ng	#	29
49) Acenaphthylene	14.42	152	19118	2.395	ng		96
50) Dimethylphthalate	14.14	163	26250	3.898	ng	#	98
51) 2,6-Dinitrotoluene	14.69	165	11249	7.371	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	9007	4.129	ng	#	1
71) Phenanthrene	17.49	178	93662	10.111	ng		99
72) Anthracene	17.49	178	93662	10.242	ng		99
75) Fluoranthene	19.50	202	77707	6.780	ng		97
78) Pyrene	19.86	202	137729	11.282	ng		98
81) Benzo(a)anthracene	21.71	228	54374	4.829	ng		96
83) Chrysene	21.78	228	58805	5.422	ng		98
86) Indeno(1,2,3-cd)pyrene	28.82	276	32771	2.570	ng	#	67
88) Benzo(b)fluoranthene	23.98	252	67723	6.489	ng	#	94
89) Benzo(k)fluoranthene	23.98	252	67723	6.517	ng	#	93
90) Benzo(a)pyrene	24.88	252	54619	5.425	ng	#	97
92) Benzo(g,h,i)perylene	30.02	276	46103	4.667	ng		98

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

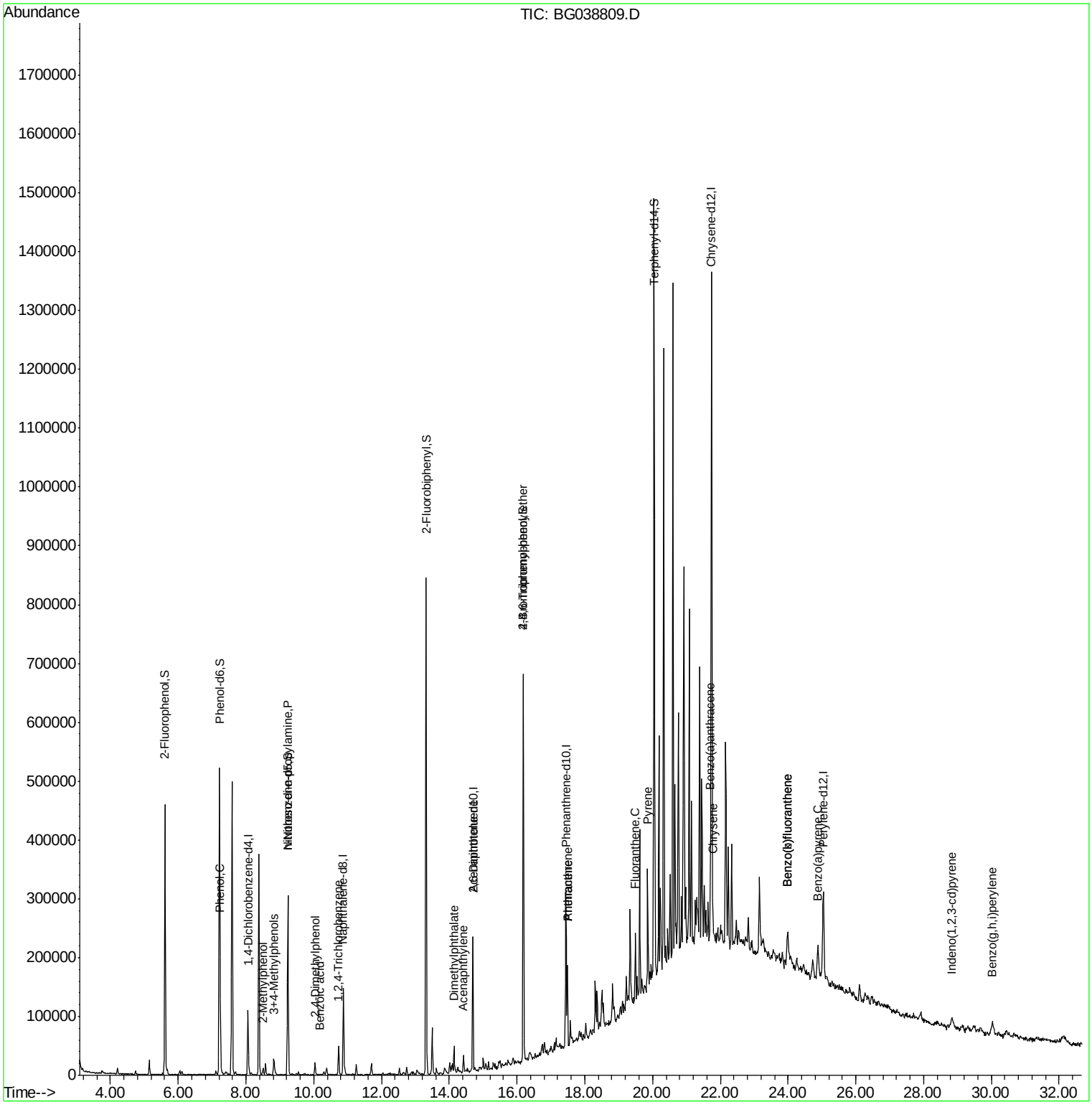
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

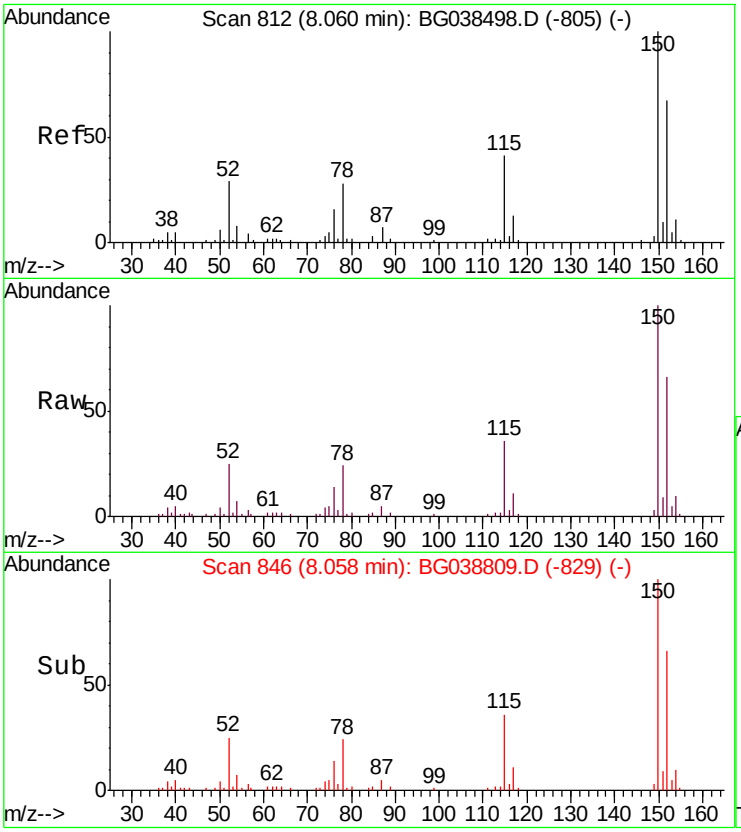
Quantitation Report (Not Reviewed)

Data File : BG038809.D
Acq On : 22 Dec 2018 9:20
Operator : JU/SJ
Sample : J6386-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Quant Time: Dec 24 03:53:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



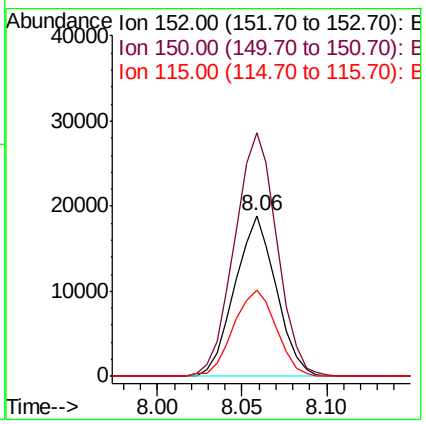


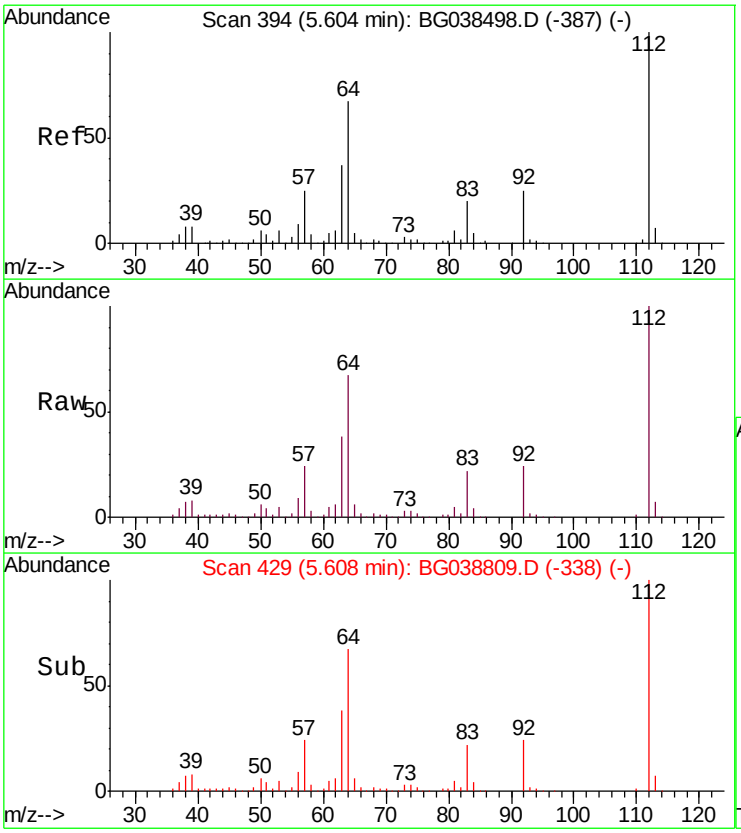
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:152 Resp: 31971

Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	53.9	49.6	74.4

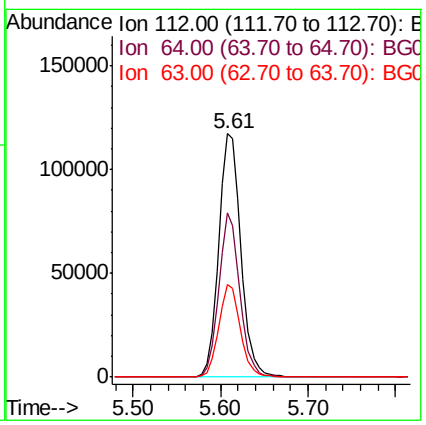


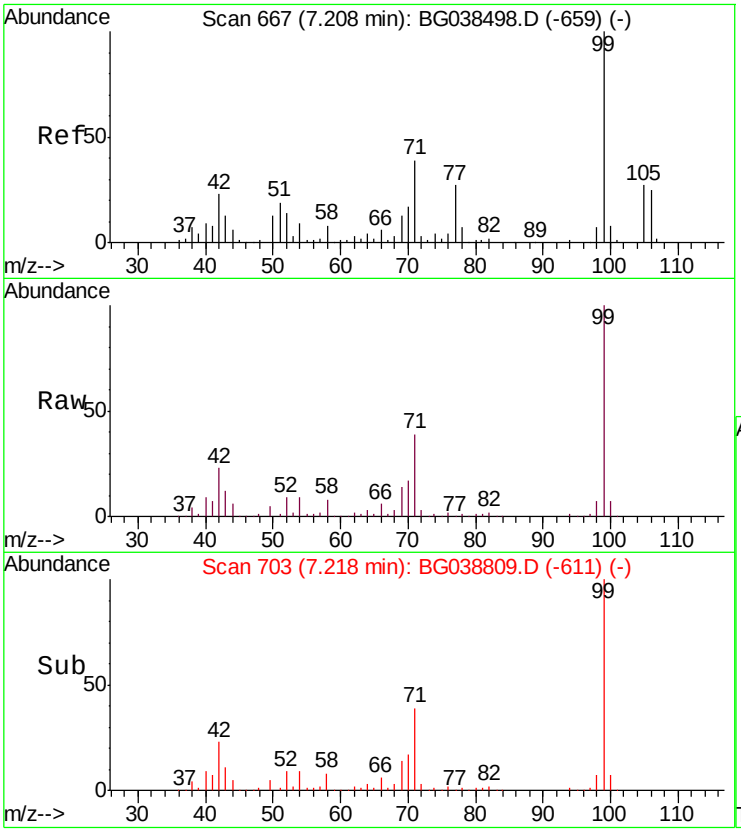


#5
2-Fluorophenol
Concen: 113.471 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:112 Resp: 204538

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.4	80.2
63	37.9	29.3	43.9



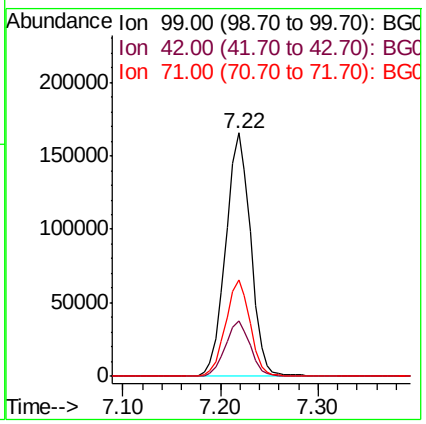


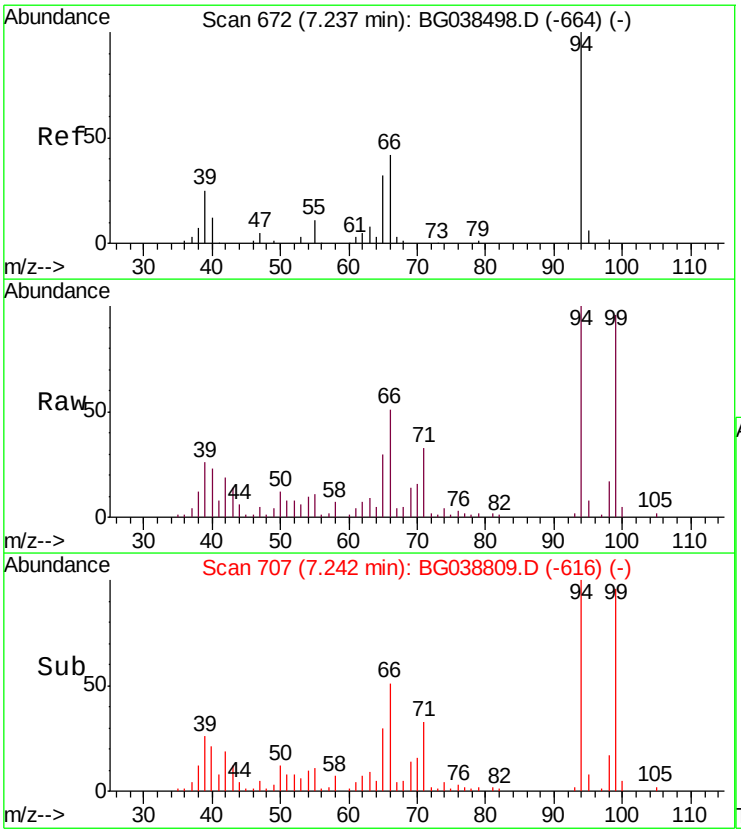
#7
Phenol-d6
Concen: 118.457 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion: 99 Resp: 293129

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.5	27.7
71	39.4	31.1	46.7

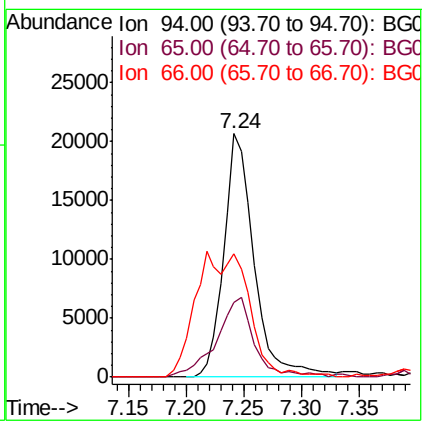


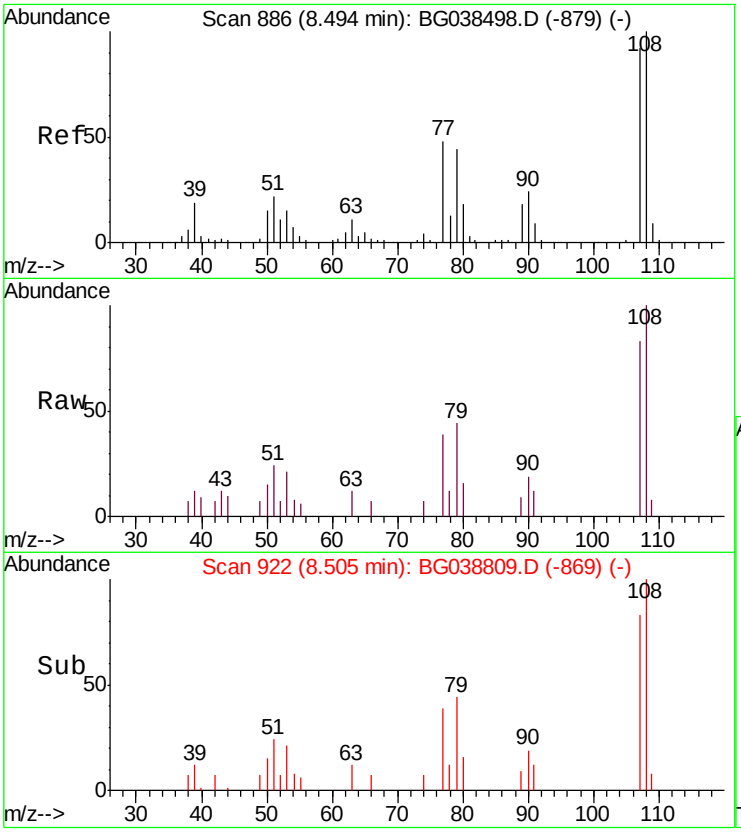


#10
Phenol
Concen: 14.284 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion: 94 Resp: 37552

Ion	Ratio	Lower	Upper
94	100		
65	30.5	12.6	52.6
66	50.8	24.1	64.1



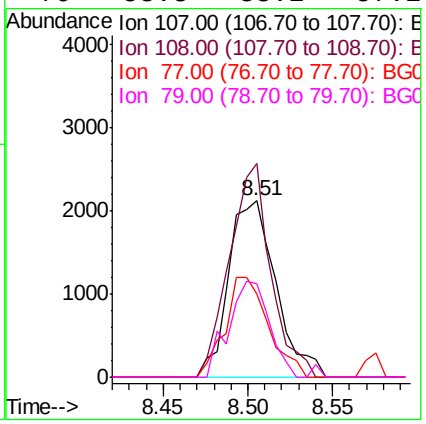


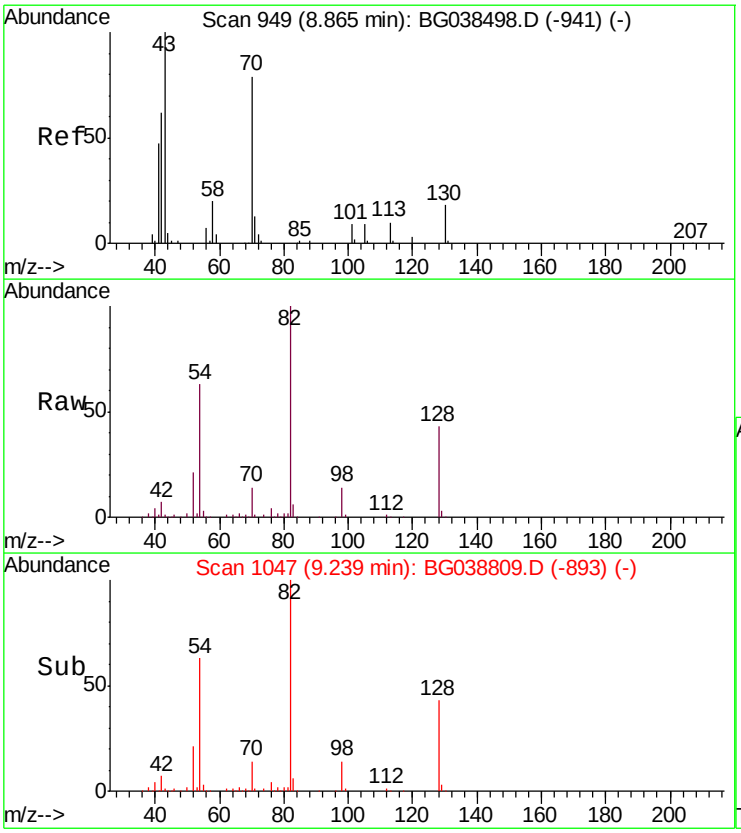
#17
2-Methylphenol
Concen: 2.344 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:107 Resp: 4129

Ion	Ratio	Lower	Upper
107	100		
108	121.0	87.1	130.7
77	47.1	42.0	63.0
79	53.3	38.2	57.2

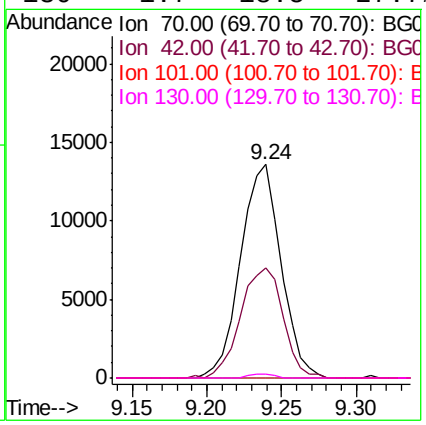


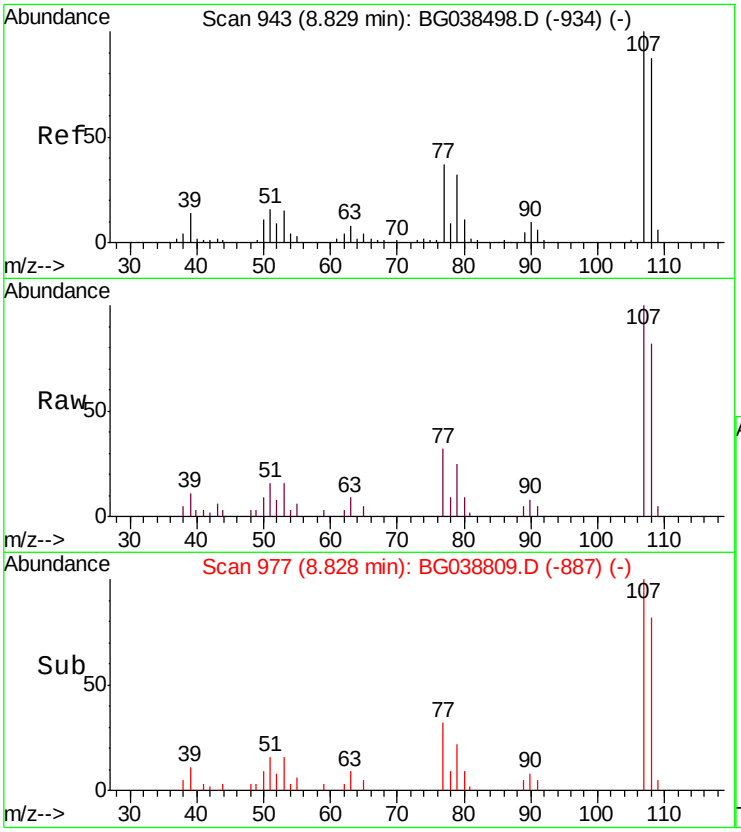


#19
n-Nitroso-di-n-propylamine
Concen: 14.625 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion: 70 Resp: 25418

Ion	Ratio	Lower	Upper
70	100		
42	51.3	63.6	95.4#
101	0.0	9.2	13.8#
130	1.7	18.5	27.7#



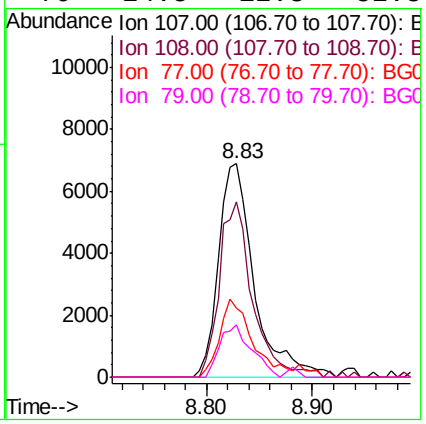


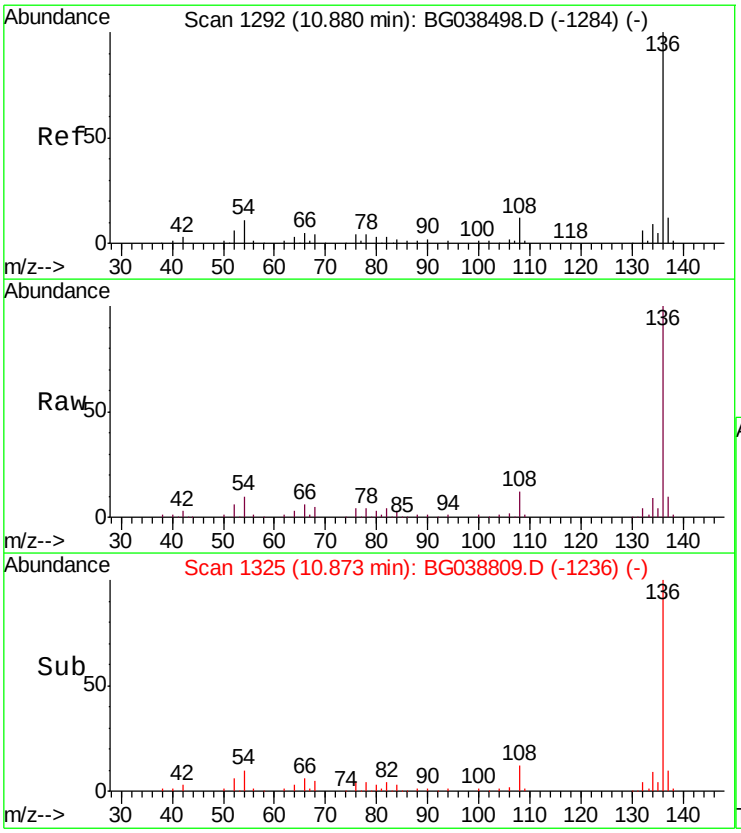
#20
3+4-Methylphenols
Concen: 6.641 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:107 Resp: 16154

Ion	Ratio	Lower	Upper
107	100		
108	82.0	66.7	106.7
77	32.2	17.3	57.3
79	24.5	12.3	52.3

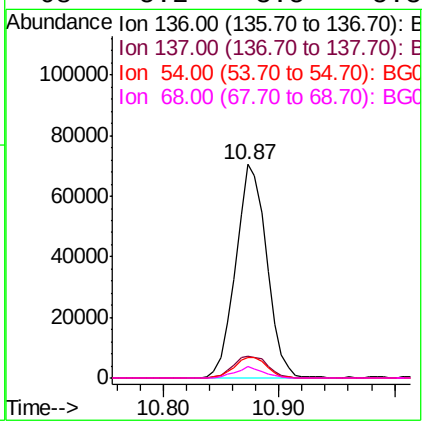


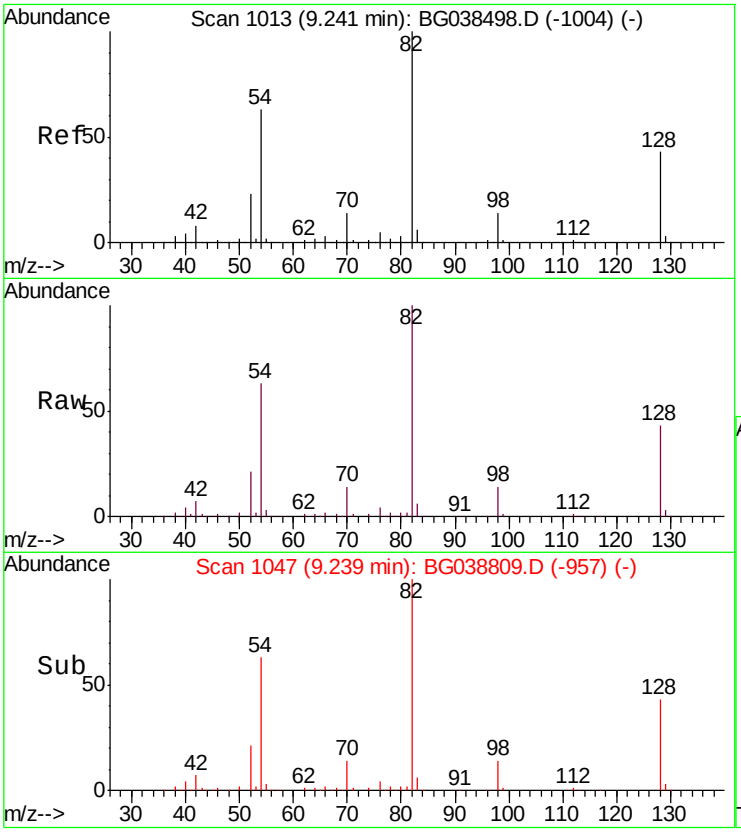


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:136 Resp: 131239

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.3	13.9
54	9.8	8.5	12.7
68	5.2	3.5	5.3



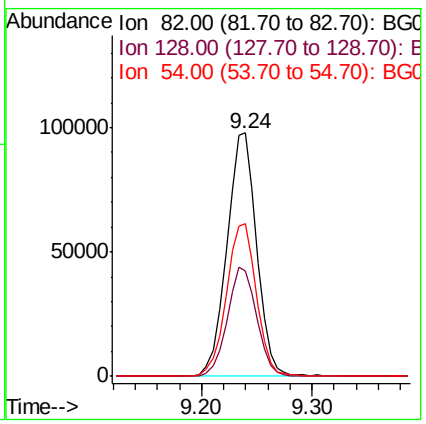


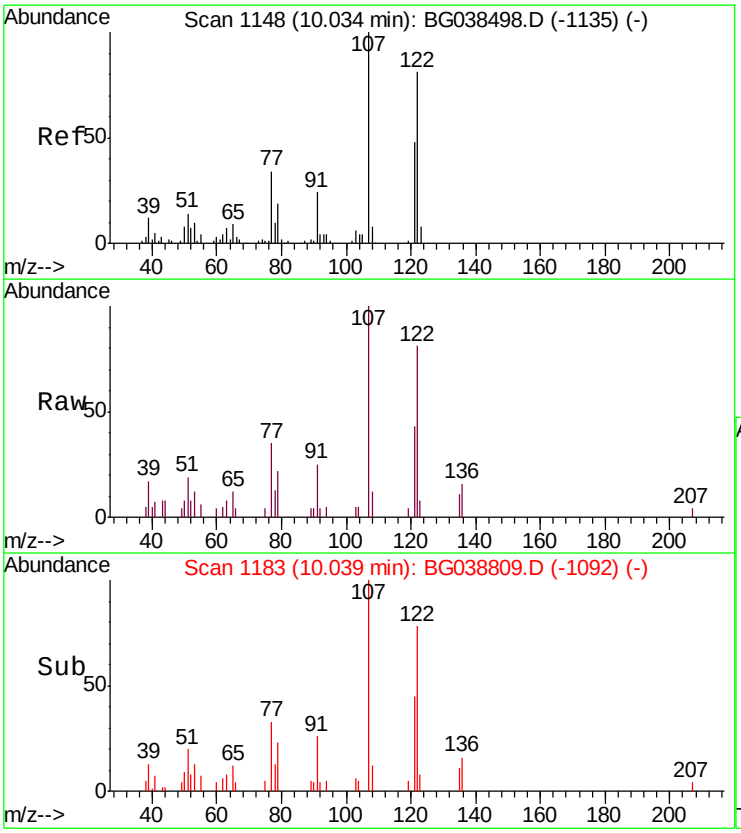
#23
Nitrobenzene-d5
Concen: 72.001 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion: 82 Resp: 184965

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	62.6	50.6	76.0

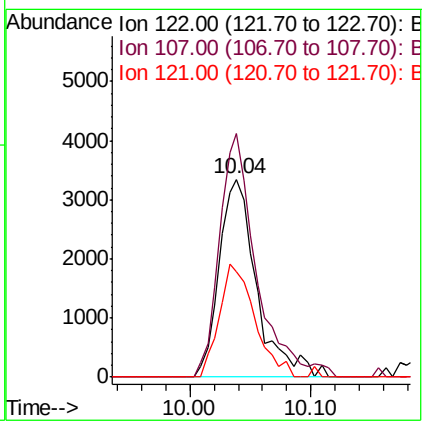


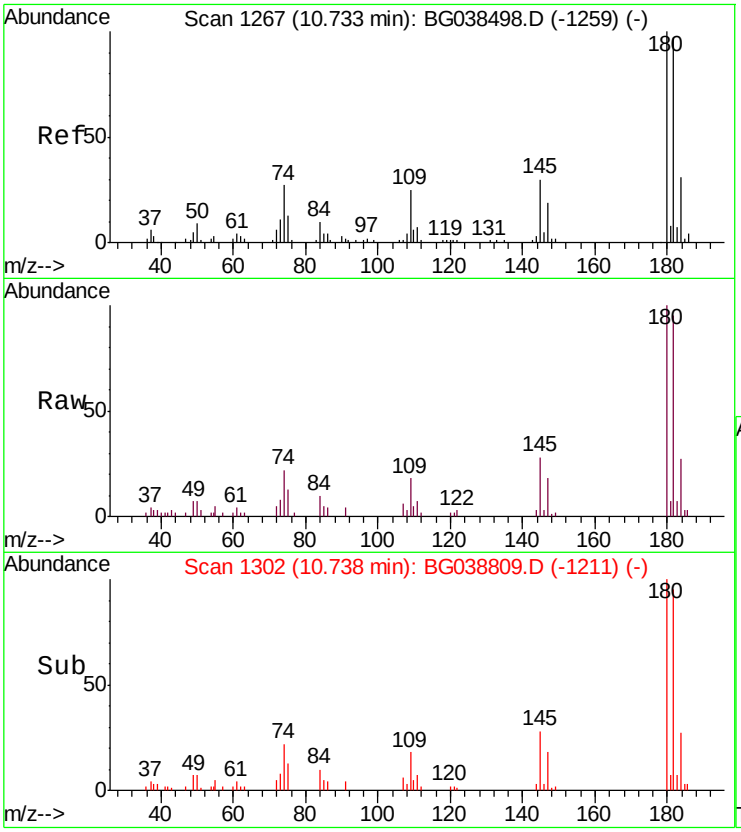


#27
2,4-Dimethylphenol
Concen: 3.763 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:122 Resp: 7174

Ion	Ratio	Lower	Upper
122	100		
107	123.3	98.4	147.6
121	53.2	47.2	70.8



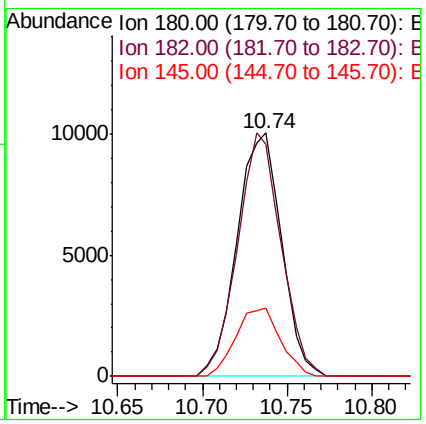


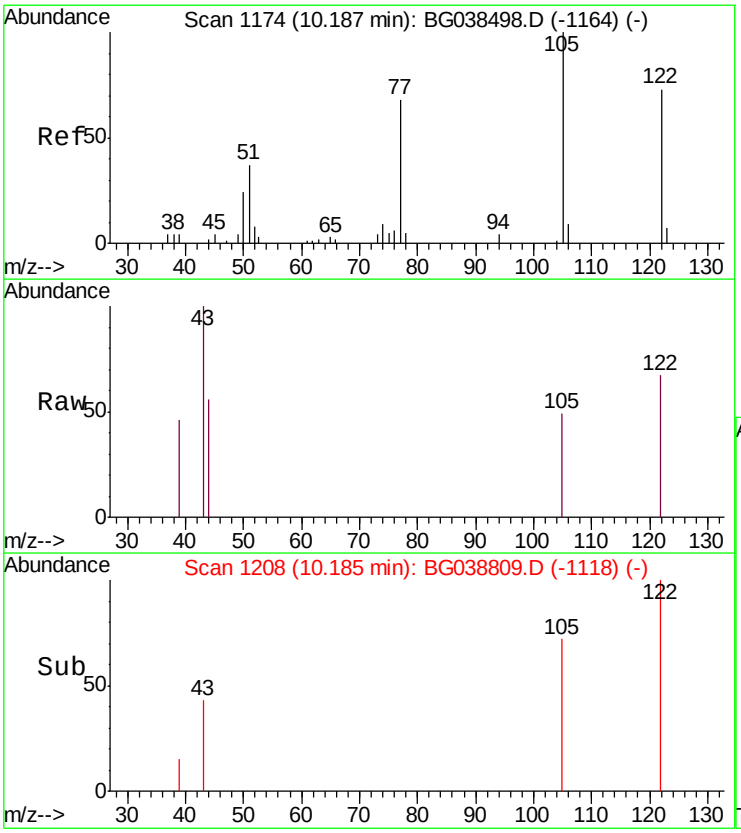
#30
1,2,4-Trichlorobenzene
Concen: 7.169 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:180 Resp: 18363

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.0
145	28.1	24.1	36.1

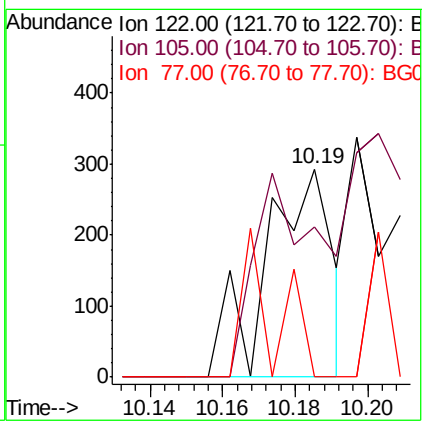


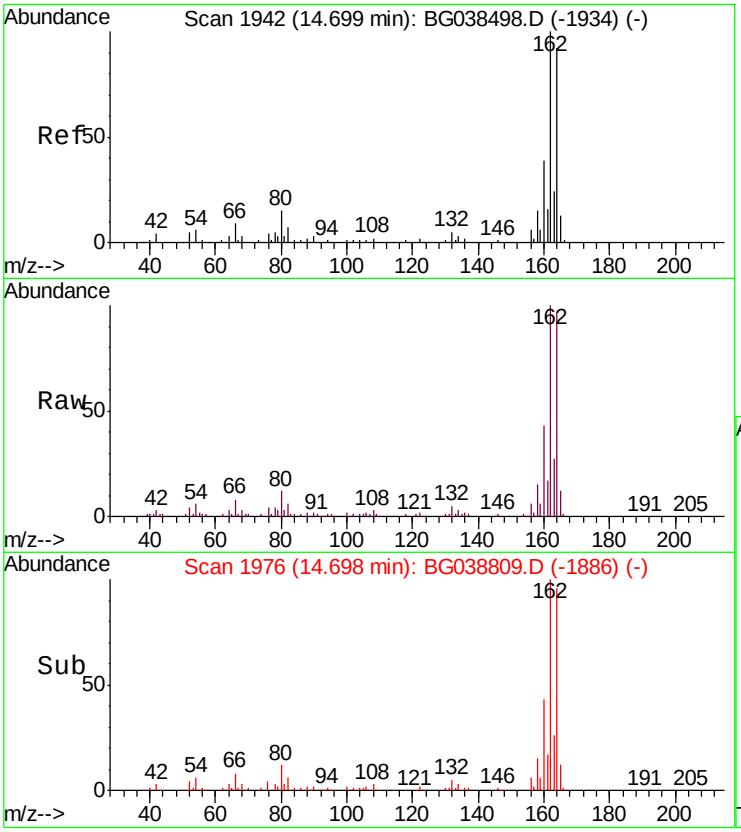


#32
Benzoic acid
Concen: 10.407 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:122 Resp: 373

Ion	Ratio	Lower	Upper
122	100		
105	72.0	116.7	156.7#
77	0.0	72.5	112.5#



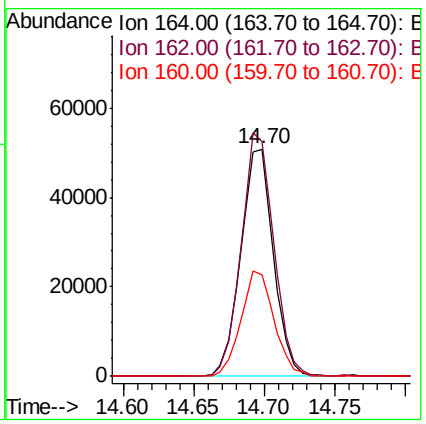


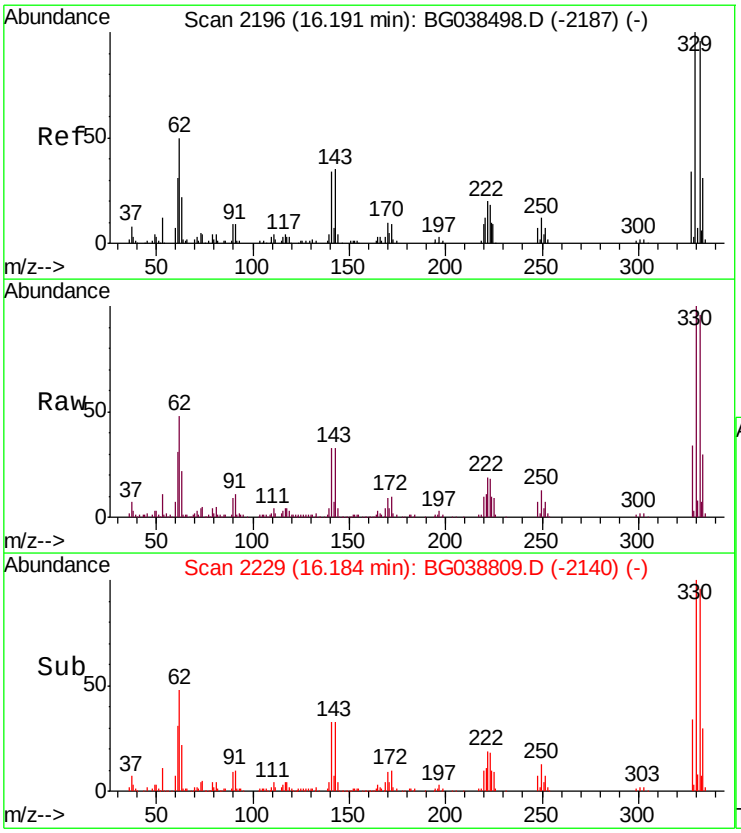
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:164 Resp: 82465

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.6	130.0
160	44.6	34.2	51.2

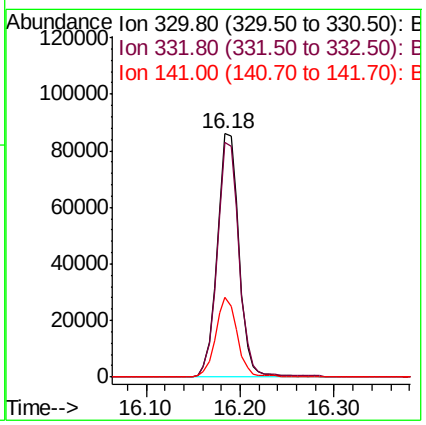


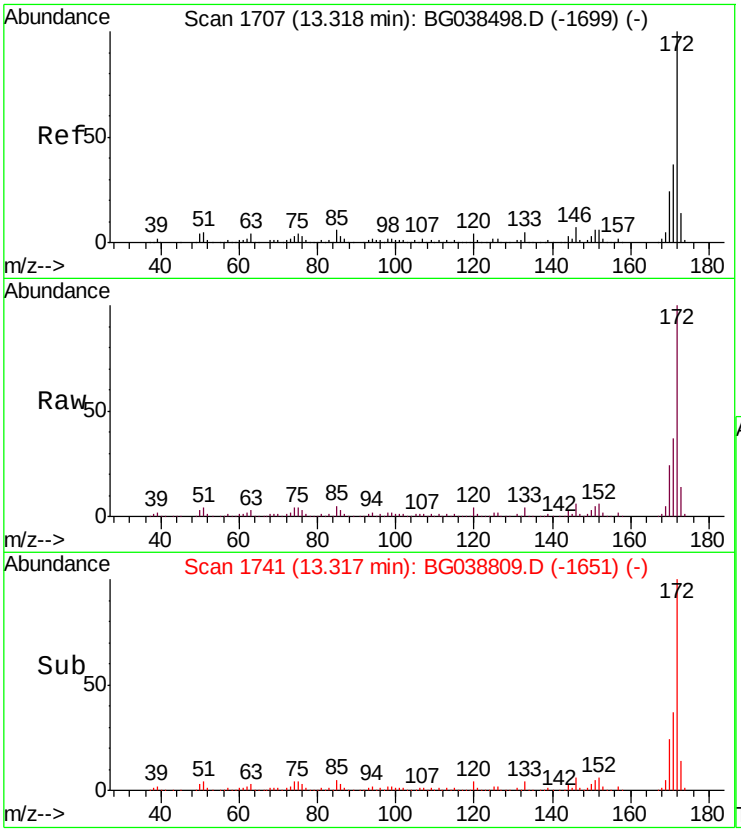


#42
2,4,6-Tribromophenol
Concen: 122.283 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:330 Resp: 138977

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	31.7	28.8	43.2



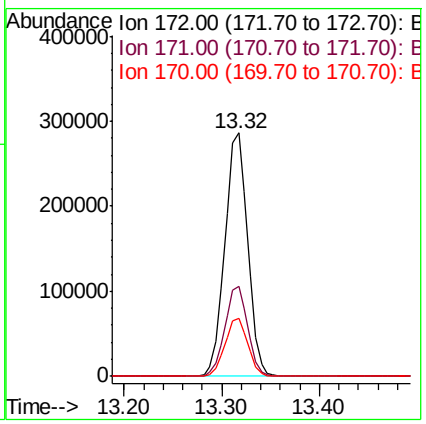


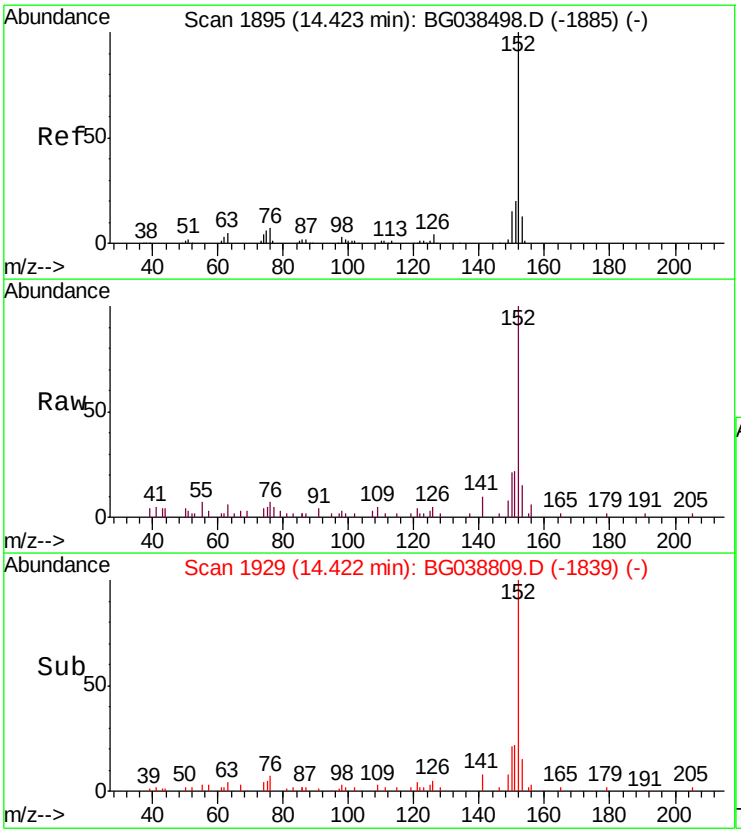
#45
2-Fluorobiphenyl
Concen: 77.217 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:172 Resp: 464172

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.1	19.5	29.3

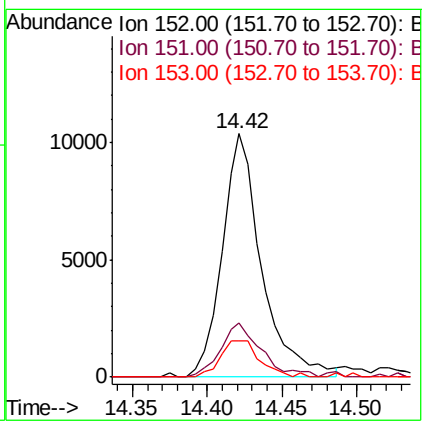


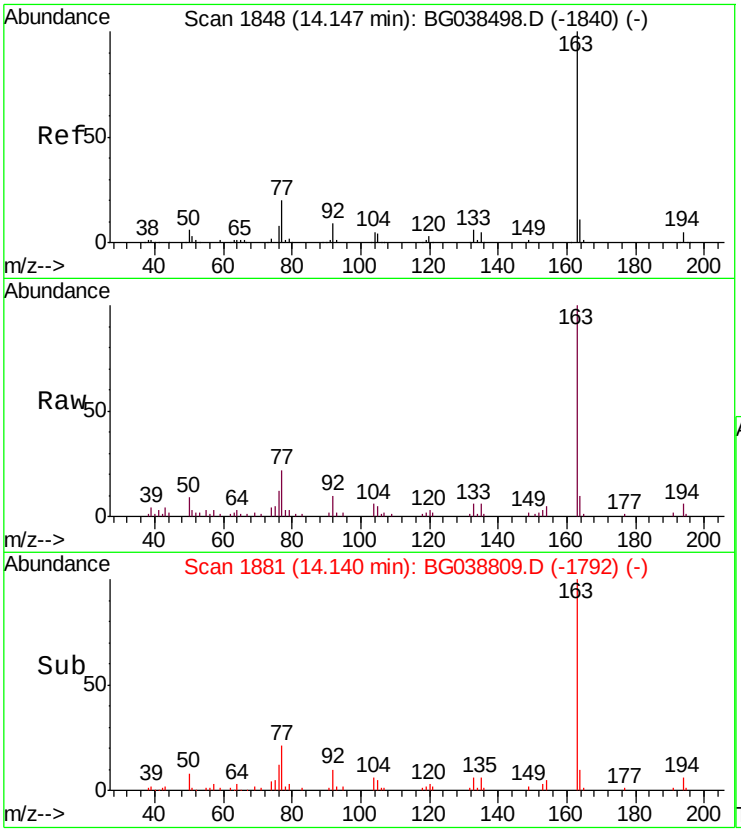


#49
Acenaphthylene
Concen: 2.395 ng
RT: 14.42 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:152 Resp: 19118

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.4	24.6
153	14.9	10.4	15.6



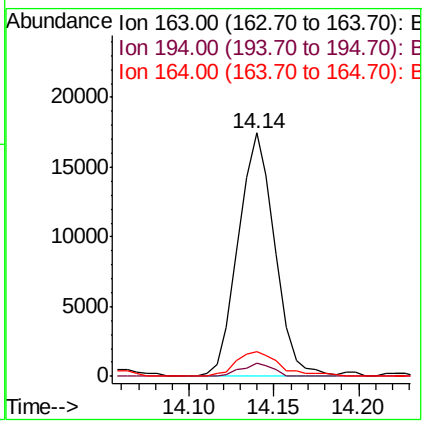


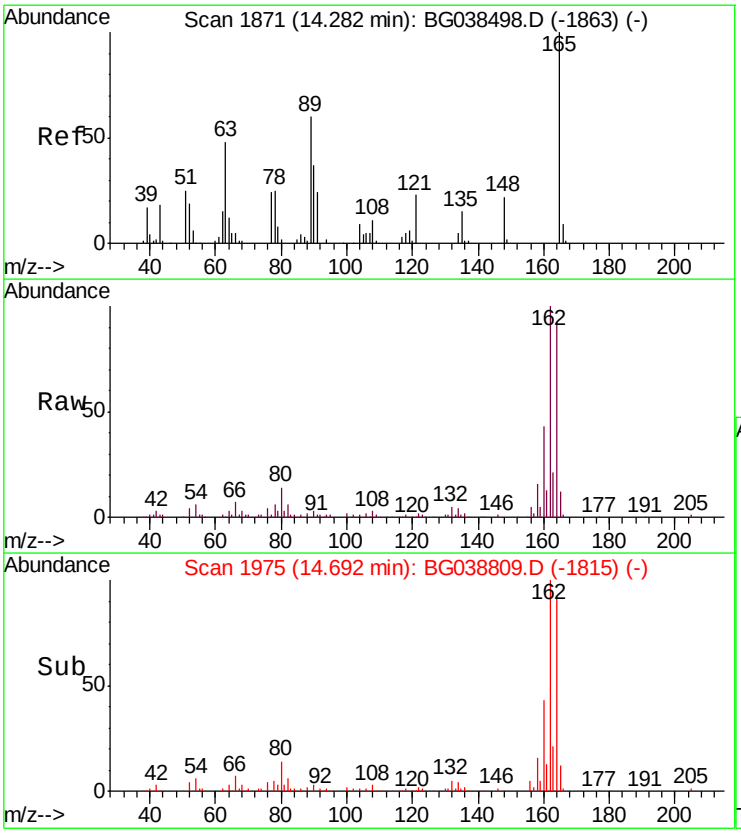
#50
Dimethylphthalate
Concen: 3.898 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:163 Resp: 26250

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.7	5.5#
164	10.1	8.6	12.8

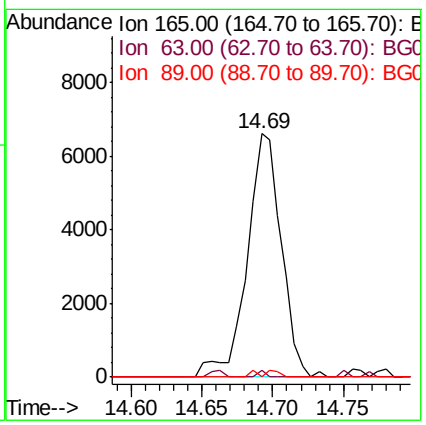


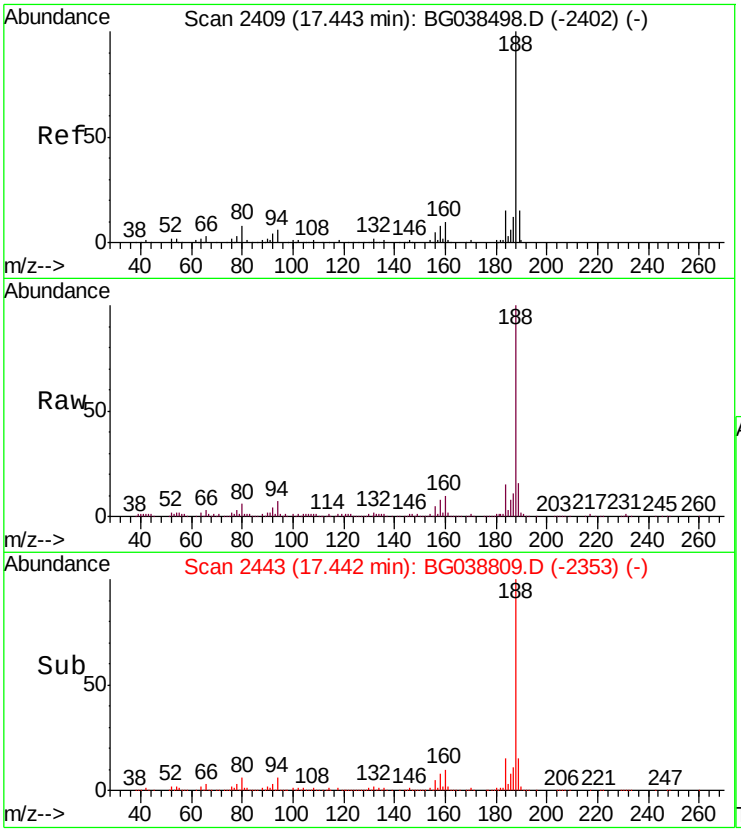


#51
2,6-Dinitrotoluene
Concen: 7.371 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:165 Resp: 11249

Ion	Ratio	Lower	Upper
165	100		
63	2.7	51.8	77.6#
89	0.0	47.9	71.9#



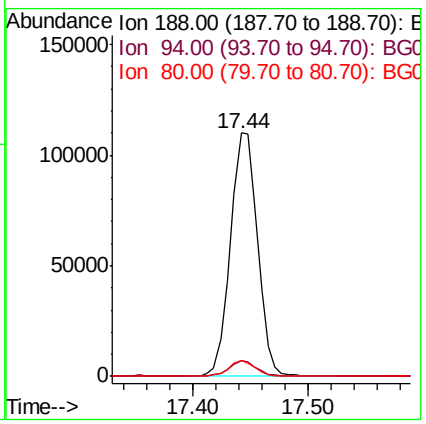


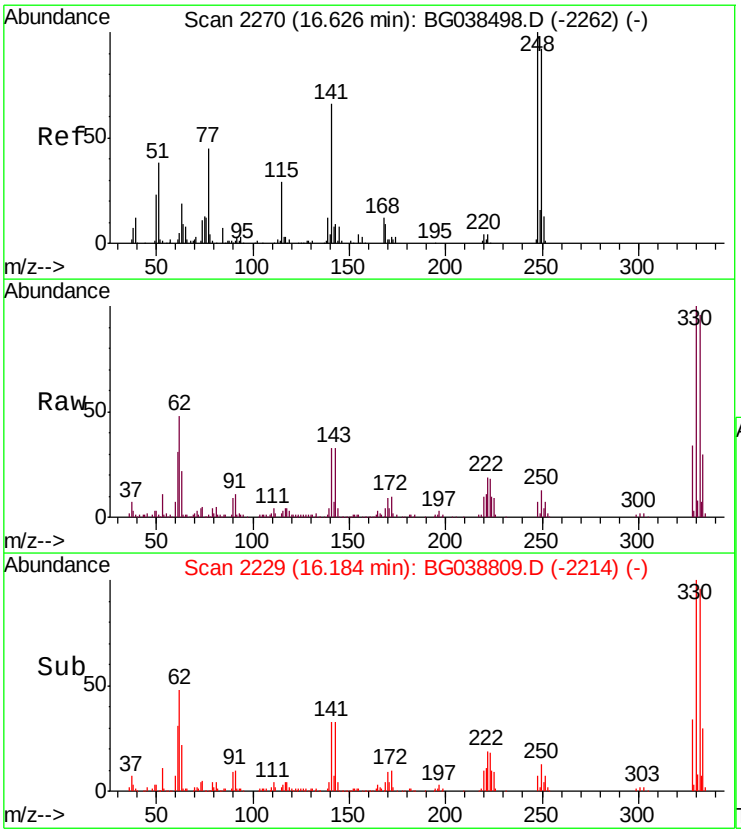
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:188 Resp: 178628

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.3	6.1	9.1

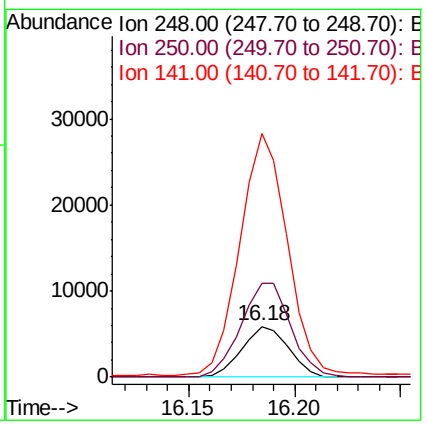


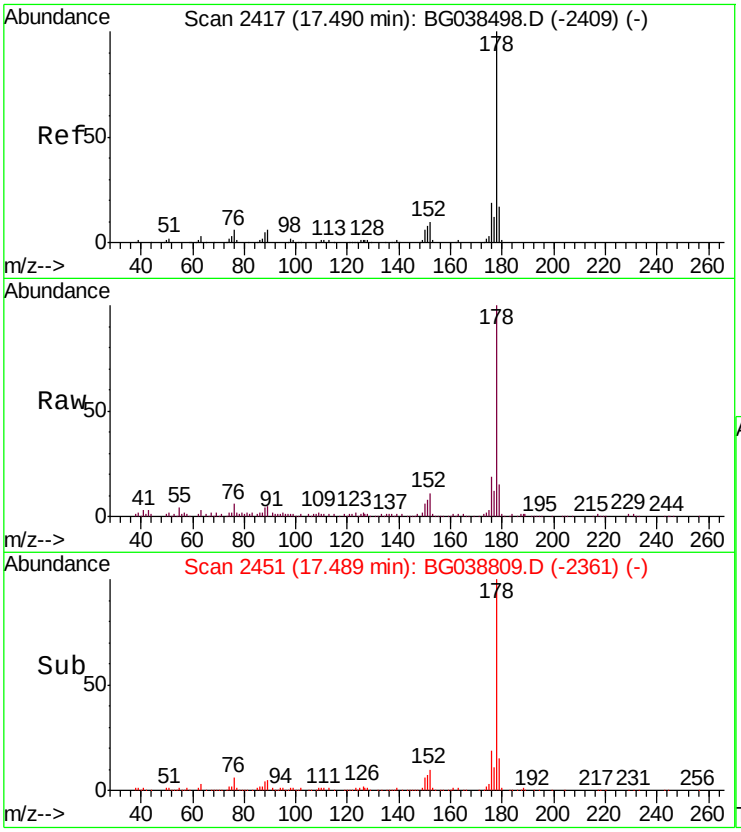


#67
4-Bromophenyl-phenylether
Concen: 4.129 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:248 Resp: 9007

Ion	Ratio	Lower	Upper
248	100		
250	180.9	73.4	110.2#
141	354.0	52.9	79.3#



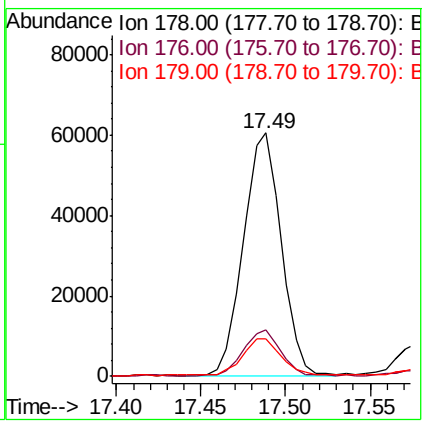


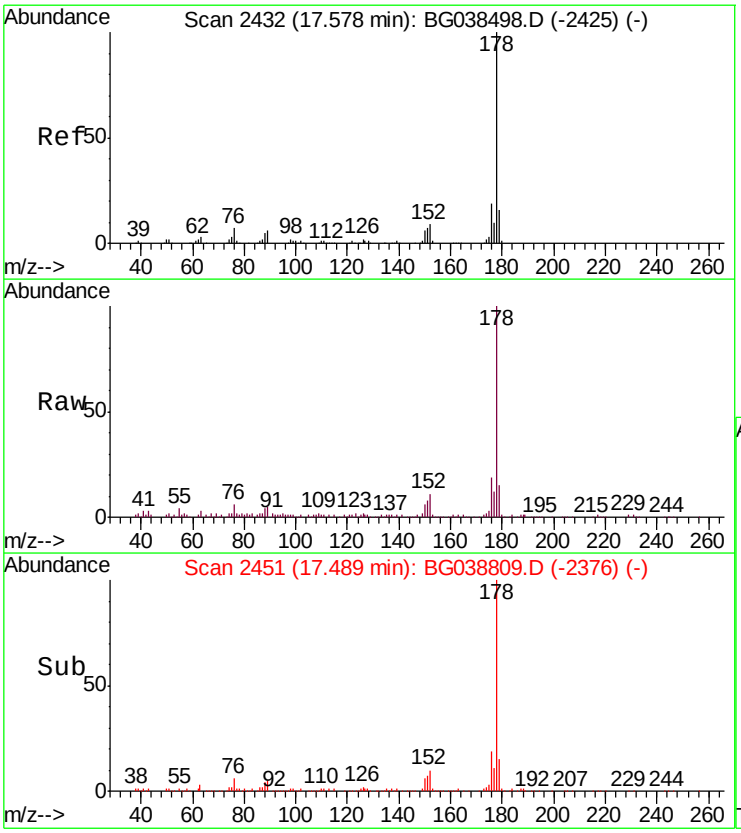
#71
Phenanthrene
Concen: 10.111 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:178 Resp: 93662

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	13.2	19.8

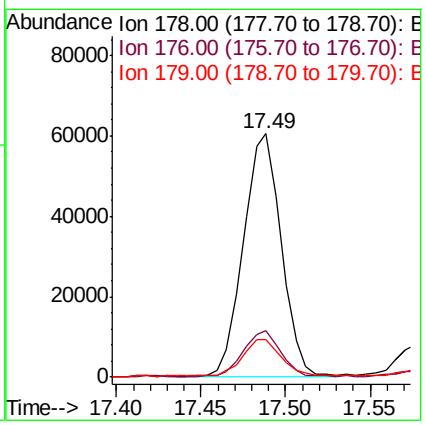


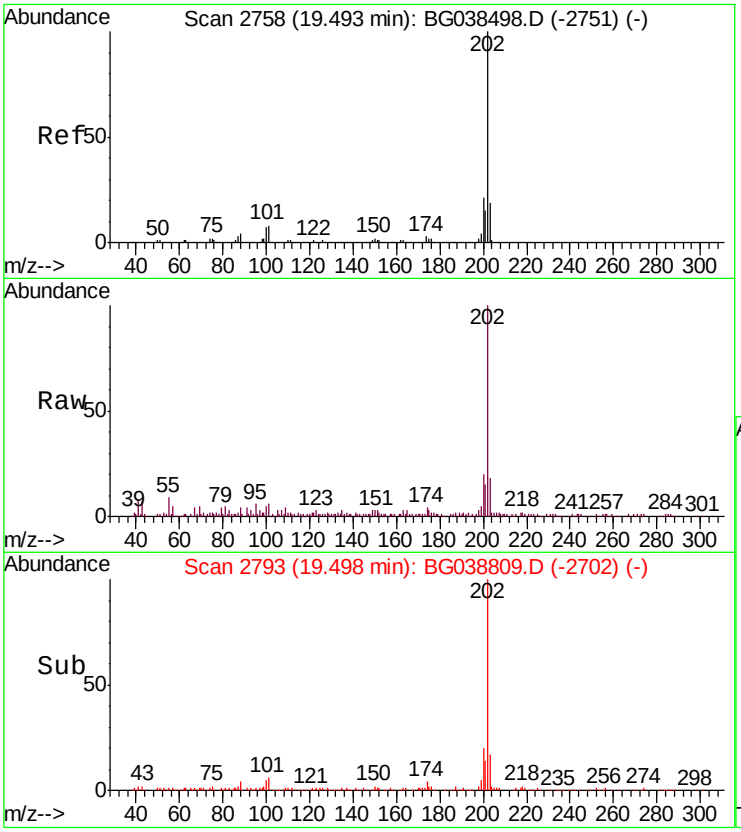


#72
Anthracene
Concen: 10.242 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.09 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:178 Resp: 93662

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.9	19.3



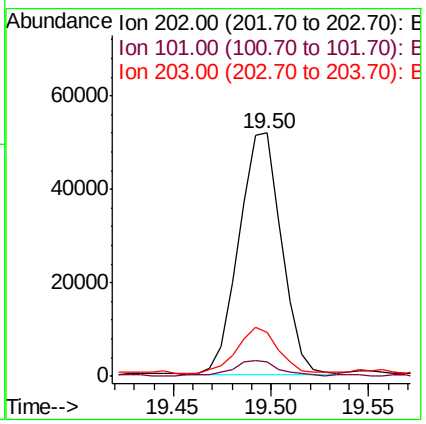


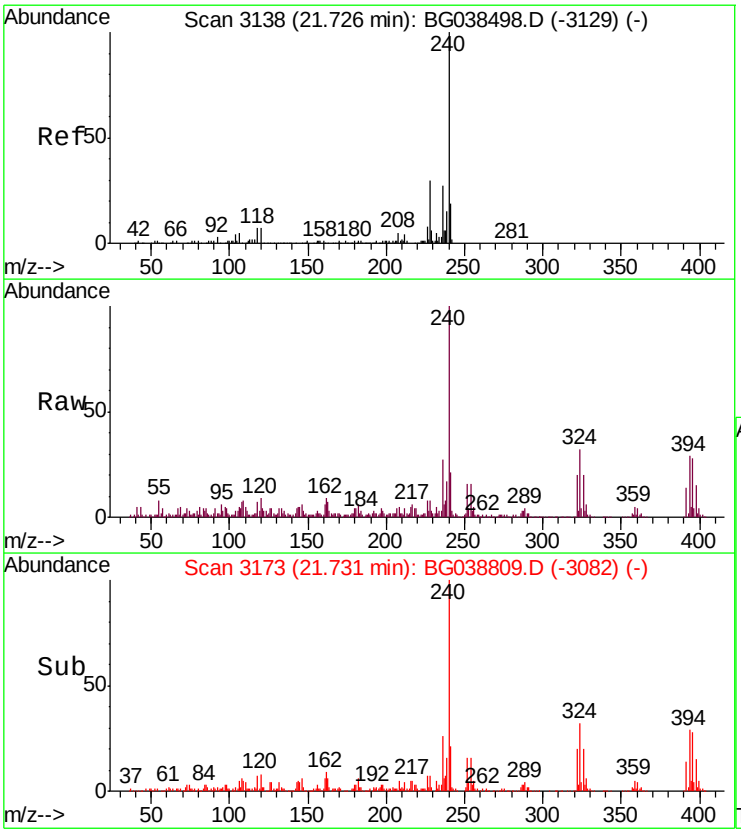
#75
Fluoranthene
Concen: 6.780 ng
RT: 19.50 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:202 Resp: 77707

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	28.1
203	18.2	0.0	39.0

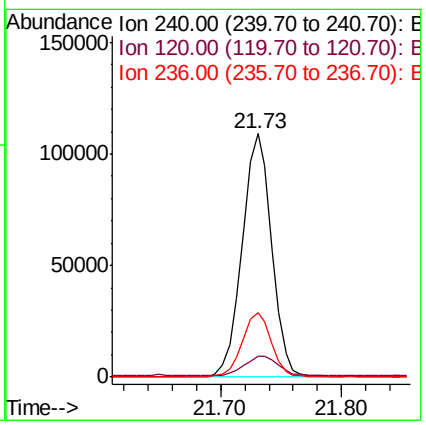


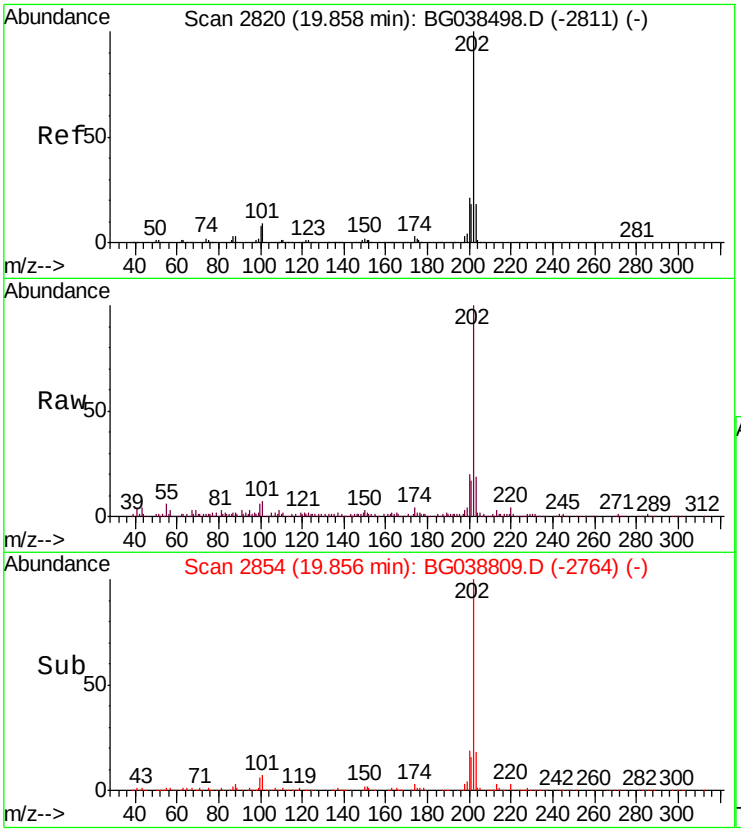


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:240 Resp: 184796

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.3	7.9#
236	26.6	21.4	32.2



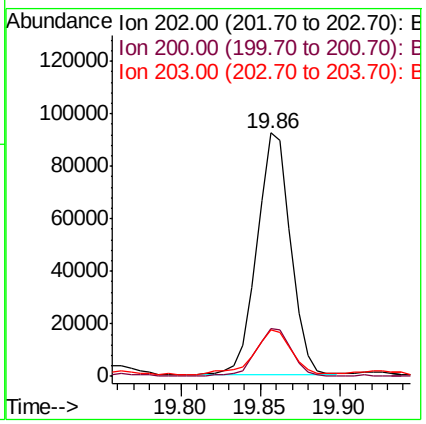


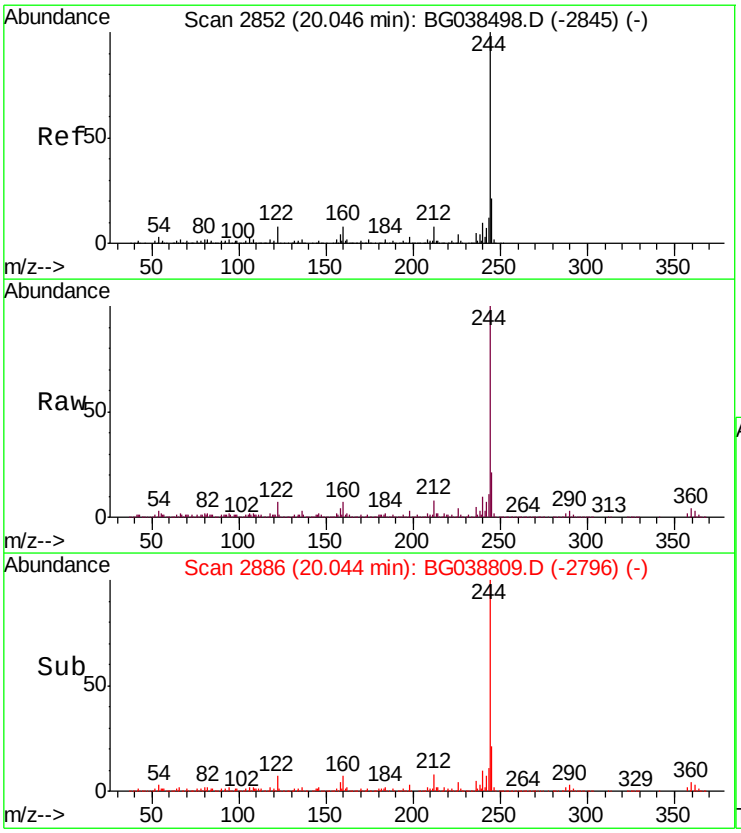
#78
Pyrene
Concen: 11.282 ng
RT: 19.86 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:202 Resp: 137729

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	25.0
203	18.8	14.6	21.8

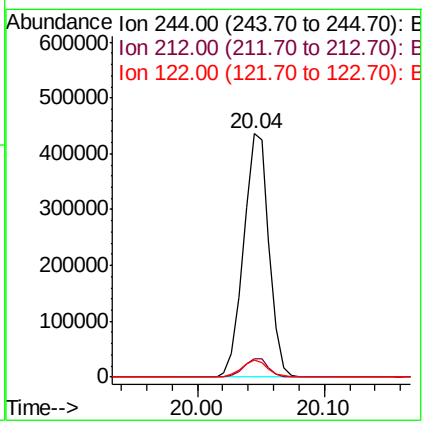


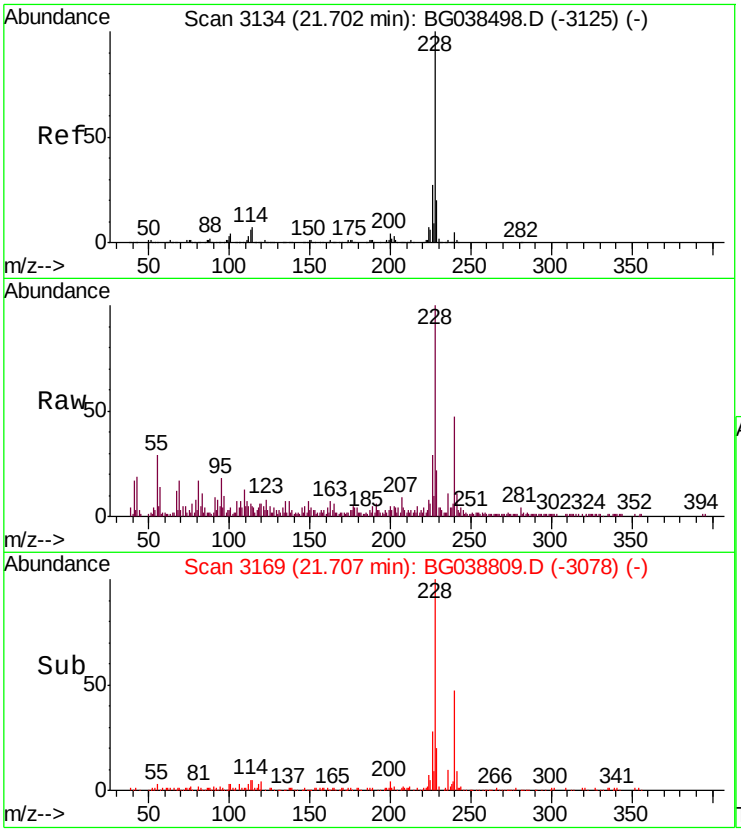


#79
Terphenyl-d14
Concen: 71.293 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:244 Resp: 605364

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.0	6.3	9.5



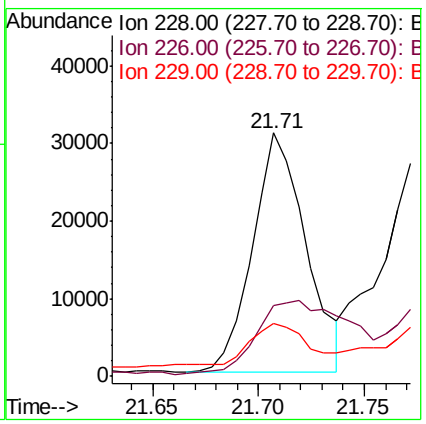


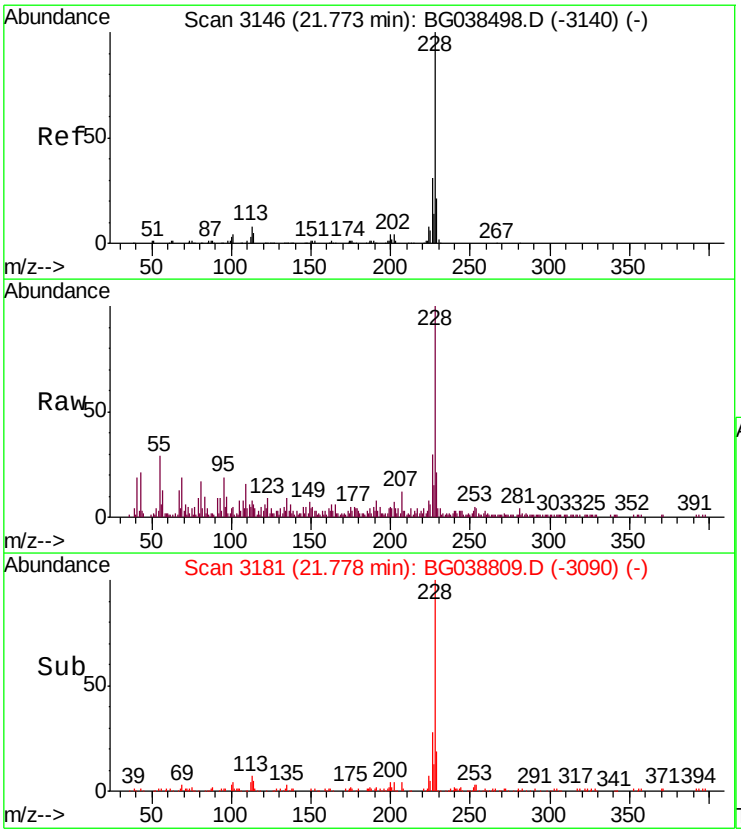
#81
Benzo(a)anthracene
Concen: 4.829 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:228 Resp: 54374

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	22.0	15.8	23.6

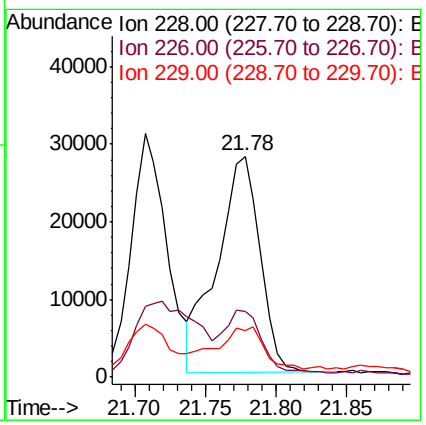


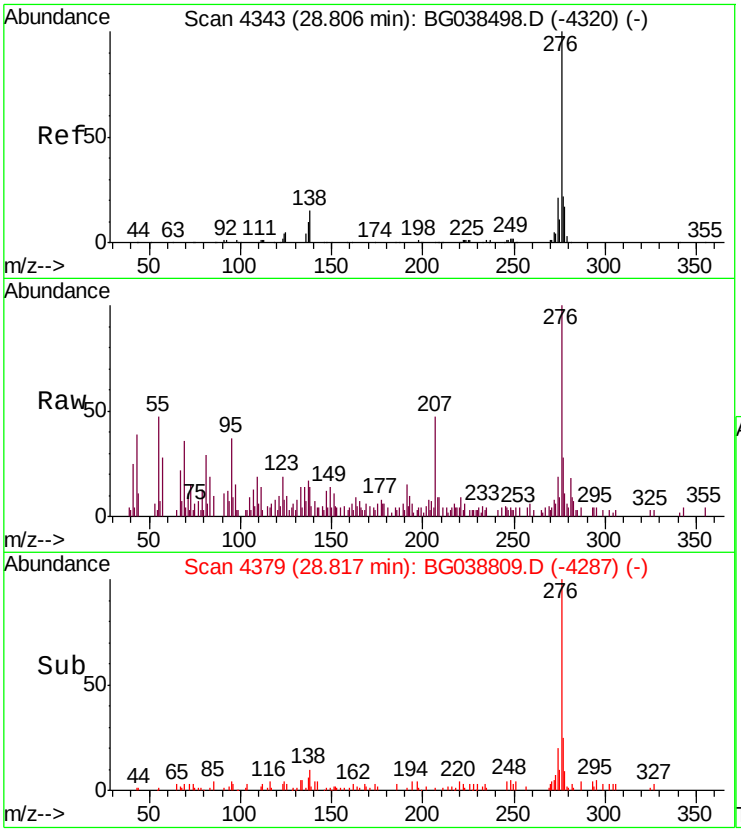


#83
Chrysene
Concen: 5.422 ng
RT: 21.78 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:228 Resp: 58805

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.4
229	21.3	16.5	24.7



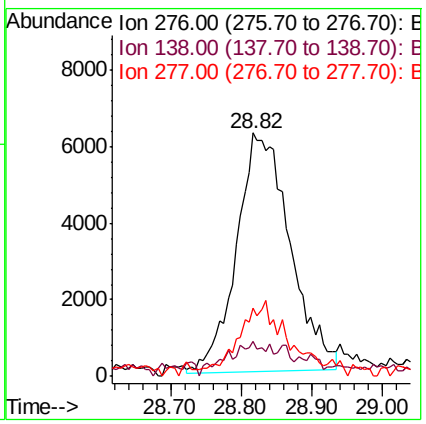


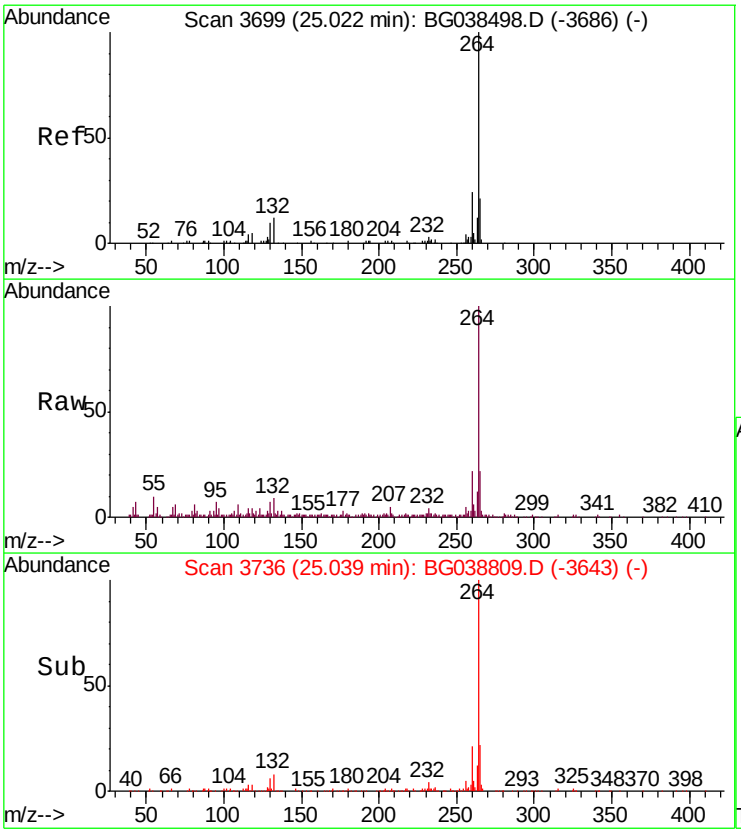
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.570 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:276 Resp: 32771

Ion	Ratio	Lower	Upper
276	100		
138	3.3	14.4	21.6#
277	22.9	0.0	0.0#

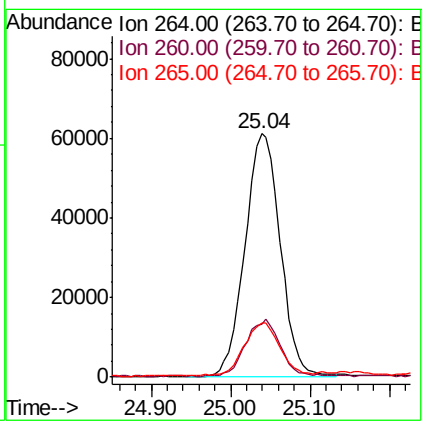


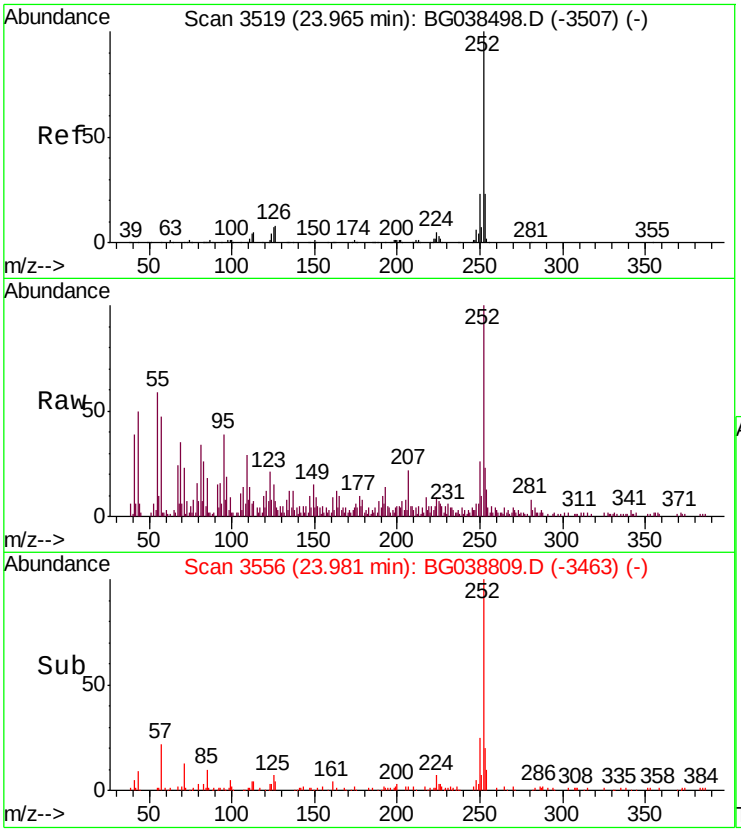


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3736
Delta R.T. 0.02 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:264 Resp: 190079

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	22.0	17.0	25.4



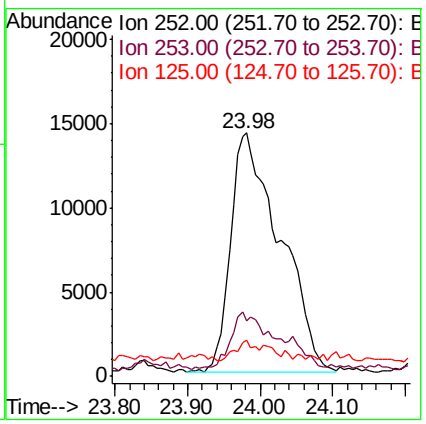


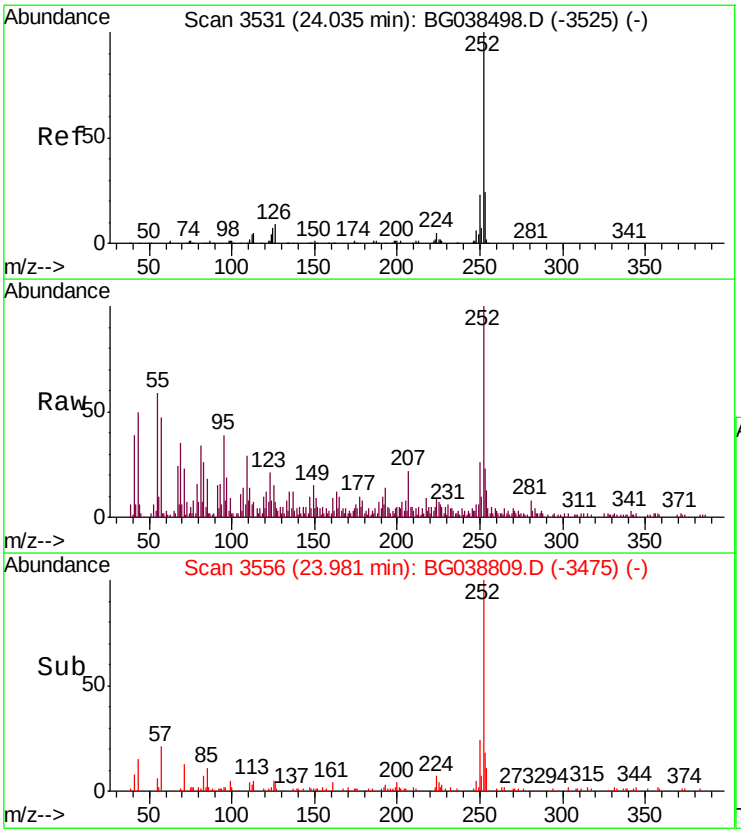
#88
Benzo(b)fluoranthene
Concen: 6.489 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.02 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:252 Resp: 67723

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	15.1	5.5	8.3#

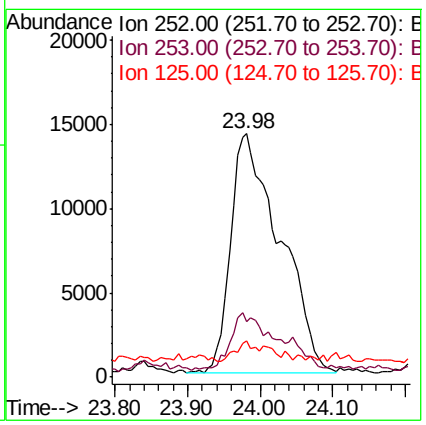


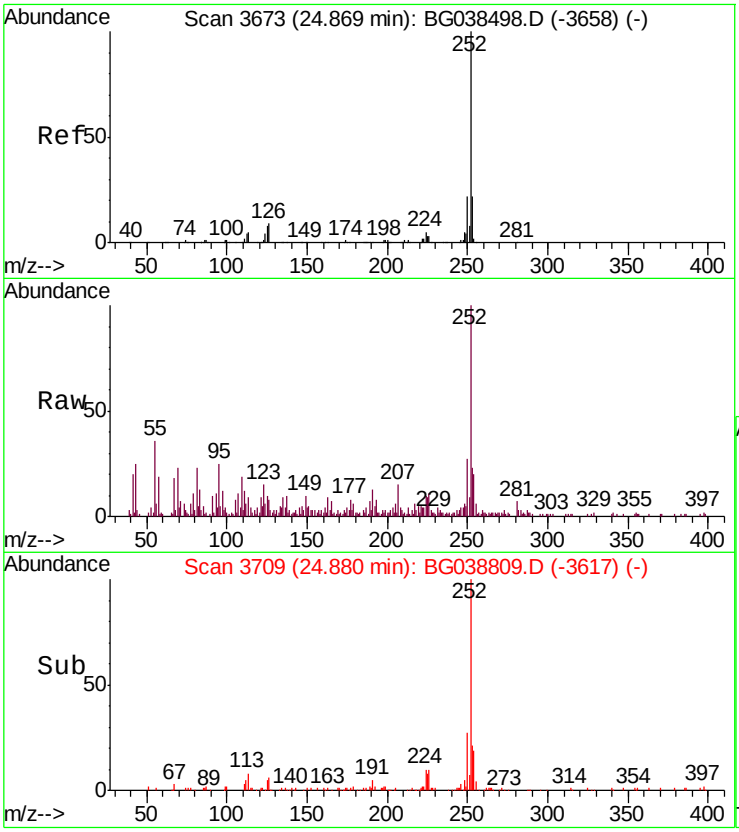


#89
Benzo(k)fluoranthene
Concen: 6.517 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.05 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:252 Resp: 67723

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	15.1	5.4	8.2#



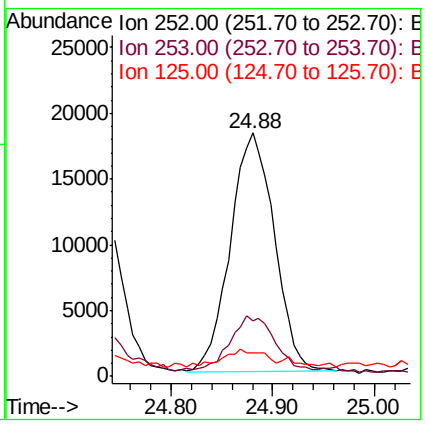


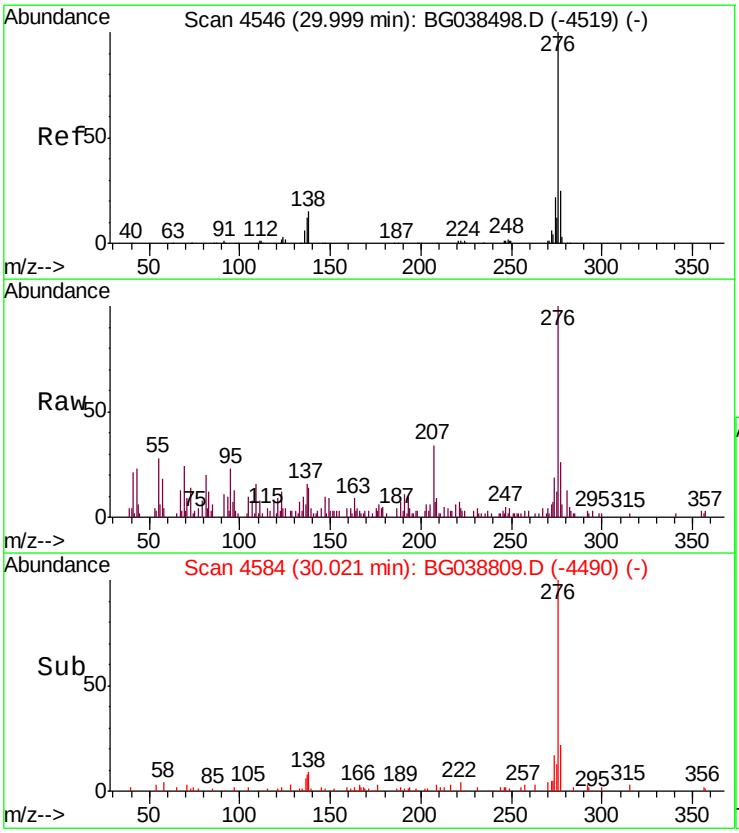
#90
Benzo(a)pyrene
Concen: 5.425 ng
RT: 24.88 min Scan# 3709
Delta R.T. 0.01 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1218-01

Tgt Ion:252 Resp: 54619

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	9.7	6.4	9.6#





#92
Benzo(g,h,i)perylene
Concen: 4.667 ng
RT: 30.02 min Scan# 4584
Delta R.T. 0.02 min
Lab File: BG038809.D
Acq: 22 Dec 2018 9:20

Tgt Ion:276 Resp: 46103

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.8	29.8
138	13.7	11.8	17.6