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

Quantitation Report (Not Reviewed)

Data File : BG038811.D
Acq On : 22 Dec 2018 10:38
Operator : JU/SJ
Sample : J6386-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS007-1824-01

Quant Time: Dec 24 03:54:16 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	32691	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	138286	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	88677	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	190486	20.00	ng		0.00
76) Chrysene-d12	21.73	240	187589	20.00	ng		0.00
87) Perylene-d12	25.04	264	197449	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	140675	76.32	ng		0.01
7) Phenol-d6	7.22	99	206397	81.57	ng		0.01
23) Nitrobenzene-d5	9.24	82	129209	47.73	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	96630	79.07	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	306536	47.42	ng		0.00
79) Terphenyl-d14	20.04	244	402523	46.70	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	16308	6.067	ng		92
19) n-Nitroso-di-n-propylamine	9.24	70	17656	9.935	ng	#	66
20) 3+4-Methylphenols	8.83	107	5793	2.329	ng		90
30) 1,2,4-Trichlorobenzene	10.73	180	7558	2.800	ng		96
32) Benzoic acid	10.17	122	1382	11.018	ng	#	69
50) Dimethylphthalate	14.14	163	19182	2.649	ng		98
51) 2,6-Dinitrotoluene	14.70	165	12123	7.387	ng	#	22
57) 2,4-Dinitrotoluene	14.70	165	12123	5.245	ng	#	24
67) 4-Bromophenyl-phenylether	16.19	248	5929	2.549	ng	#	1
71) Phenanthrene	17.49	178	64286	6.508	ng		98
72) Anthracene	17.49	178	64286	6.592	ng		98
75) Fluoranthene	19.49	202	50551	4.136	ng		98
78) Pyrene	19.86	202	85176	6.873	ng		98
81) Benzo(a)anthracene	21.71	228	33757	2.953	ng		96
83) Chrysene	21.77	228	34913	3.171	ng		96
88) Benzo(b)fluoranthene	23.97	252	40286	3.716	ng	#	88
89) Benzo(k)fluoranthene	23.97	252	40286	3.732	ng	#	90
90) Benzo(a)pyrene	24.88	252	32430	3.101	ng		99
92) Benzo(g,h,i)perylene	30.02	276	26608	2.593	ng		96

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

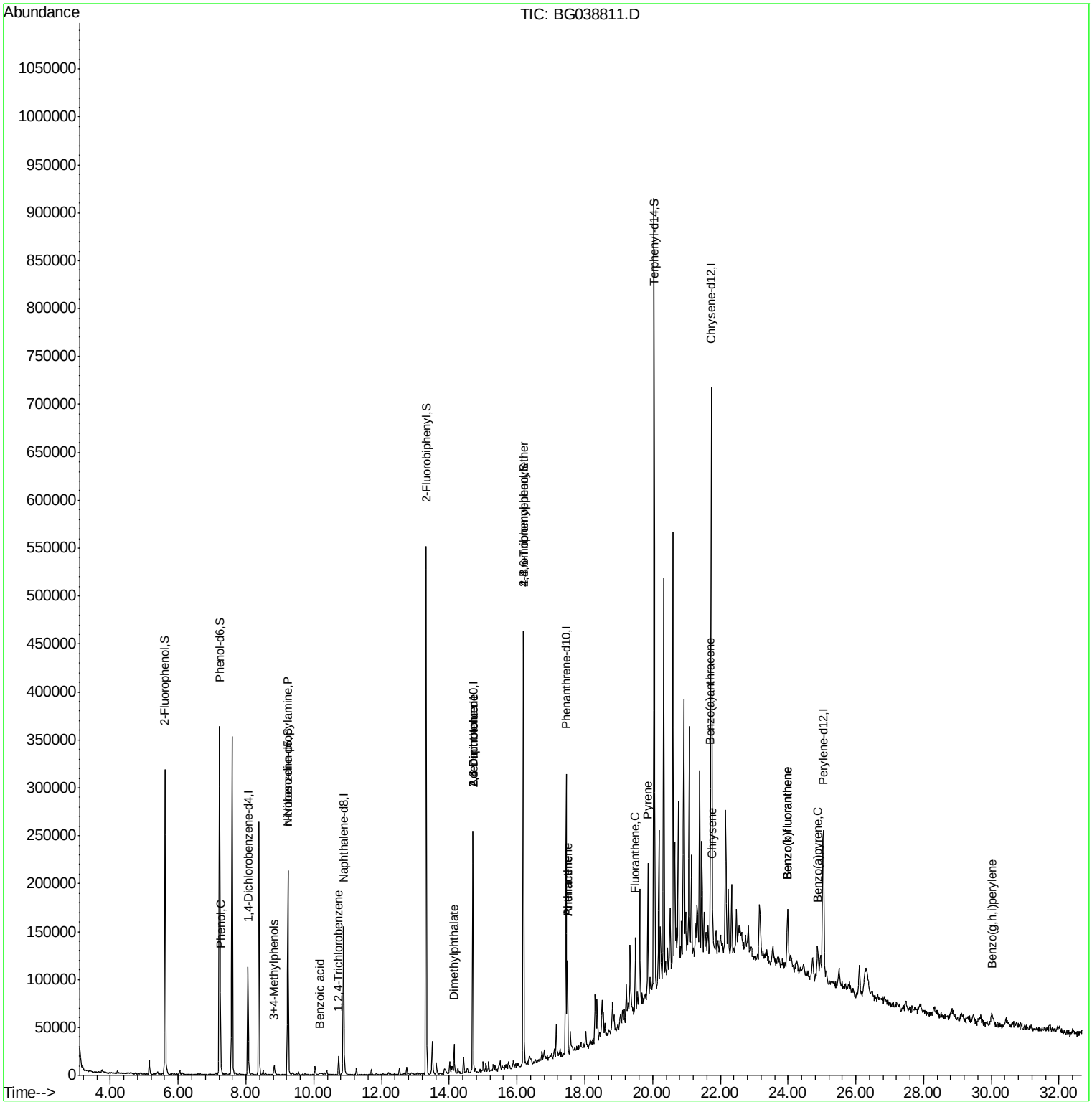
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

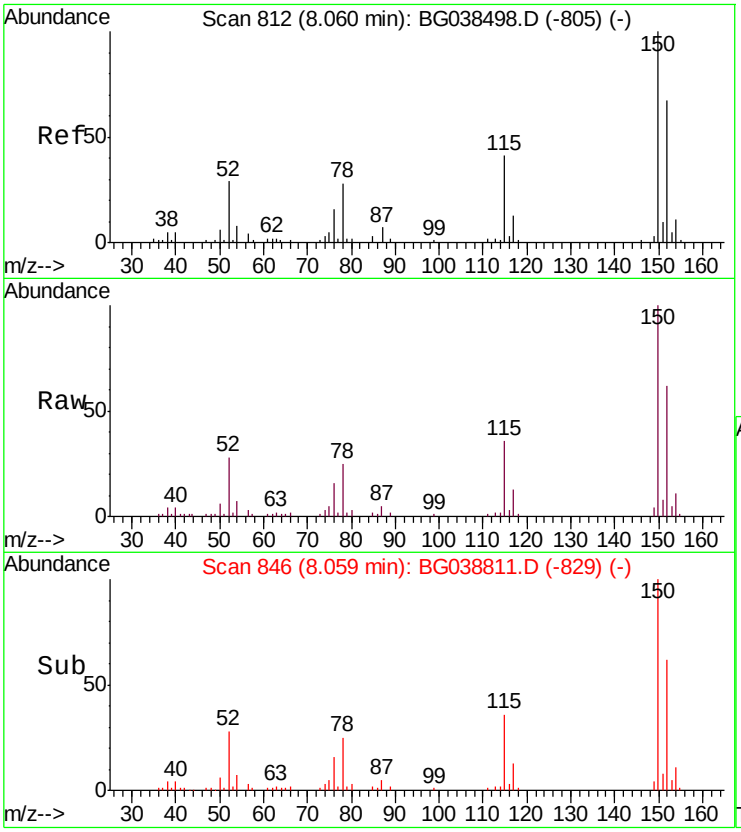
Quantitation Report (Not Reviewed)

Data File : BG038811.D
Acq On : 22 Dec 2018 10:38
Operator : JU/SJ
Sample : J6386-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Quant Time: Dec 24 03:54:16 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



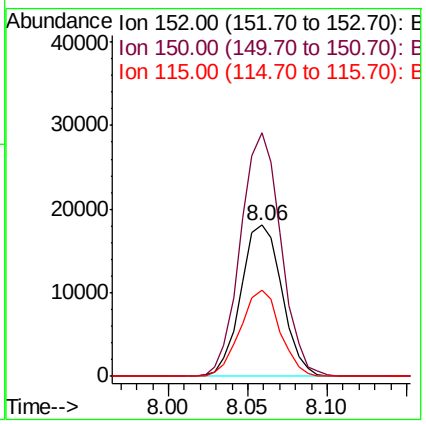


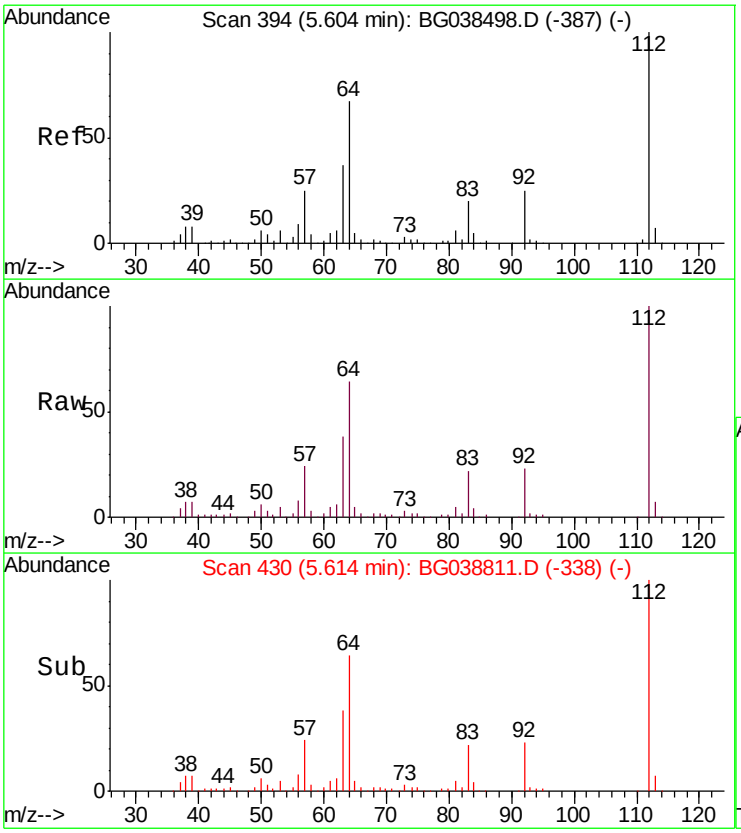
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:152 Resp: 32691

Ion	Ratio	Lower	Upper
152	100		
150	161.4	119.5	179.3
115	57.4	49.6	74.4

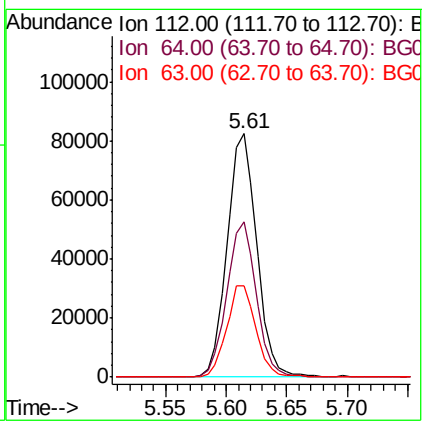


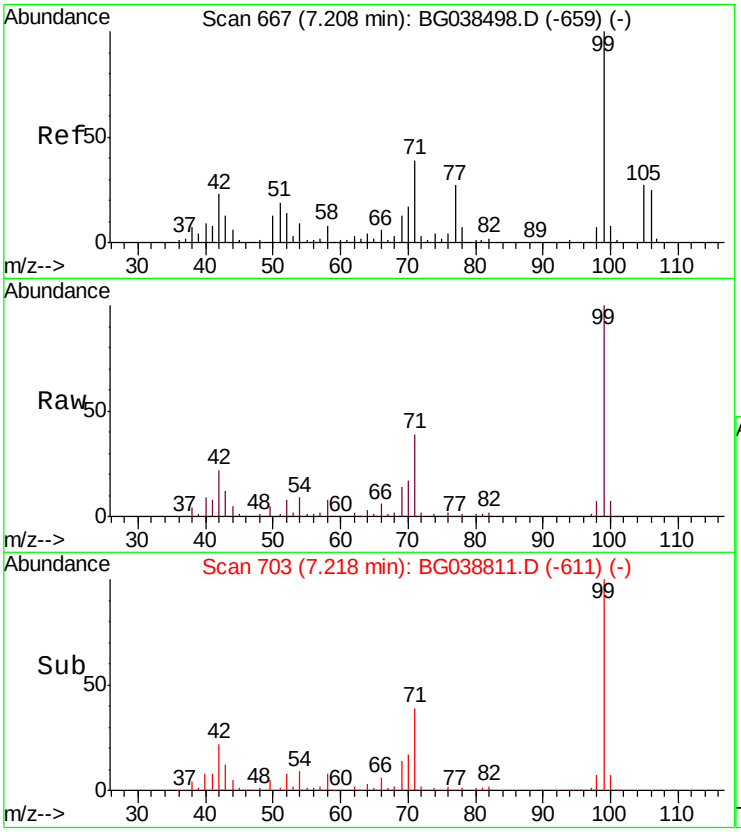


#5
2-Fluorophenol
Concen: 76.323 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:112 Resp: 140675

Ion	Ratio	Lower	Upper
112	100		
64	63.6	53.4	80.2
63	37.7	29.3	43.9



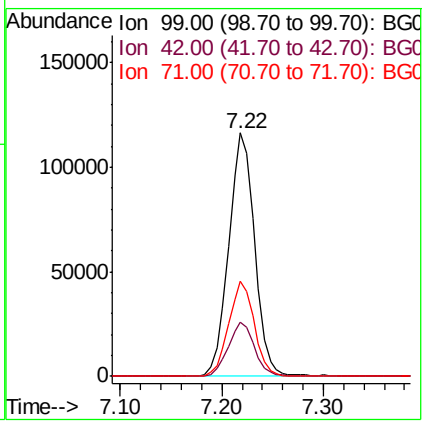


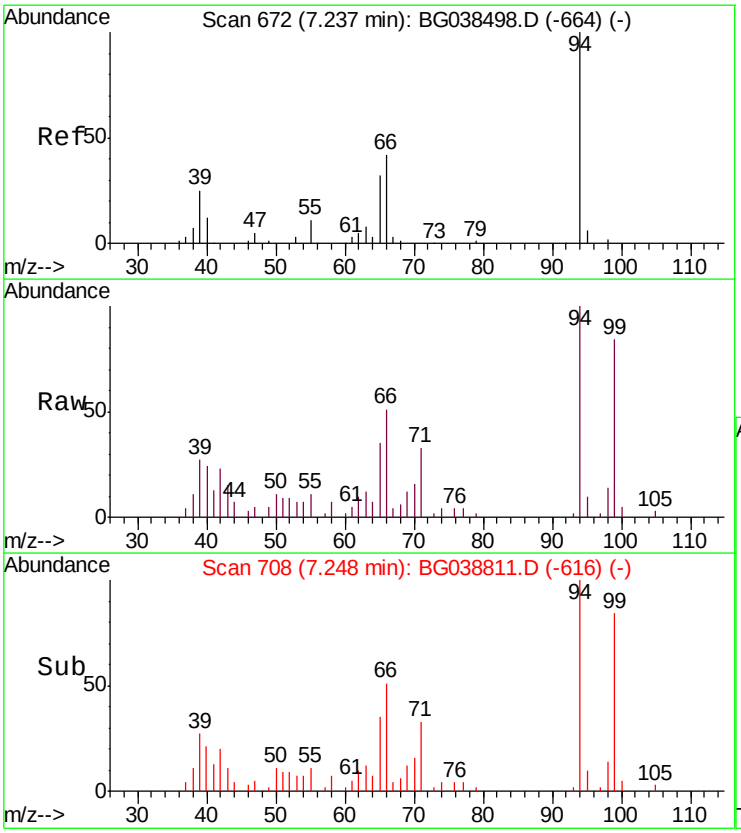
#7
Phenol-d6
Concen: 81.571 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion: 99 Resp: 206397

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.5	27.7
71	39.1	31.1	46.7

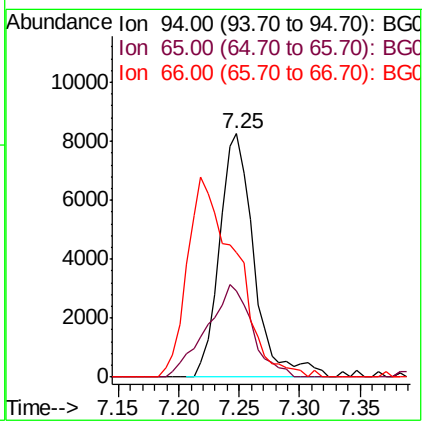


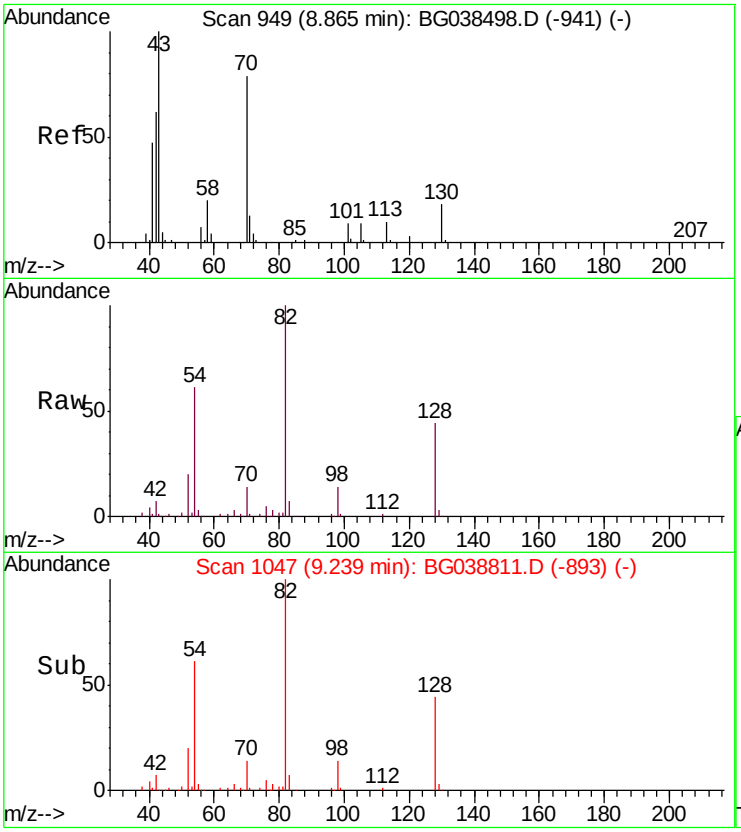


#10
Phenol
Concen: 6.067 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion: 94 Resp: 16308

Ion	Ratio	Lower	Upper
94	100		
65	35.2	12.6	52.6
66	51.0	24.1	64.1



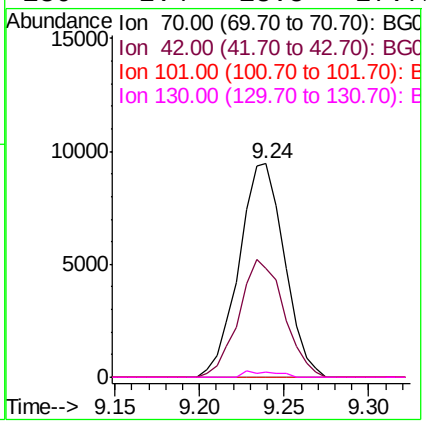


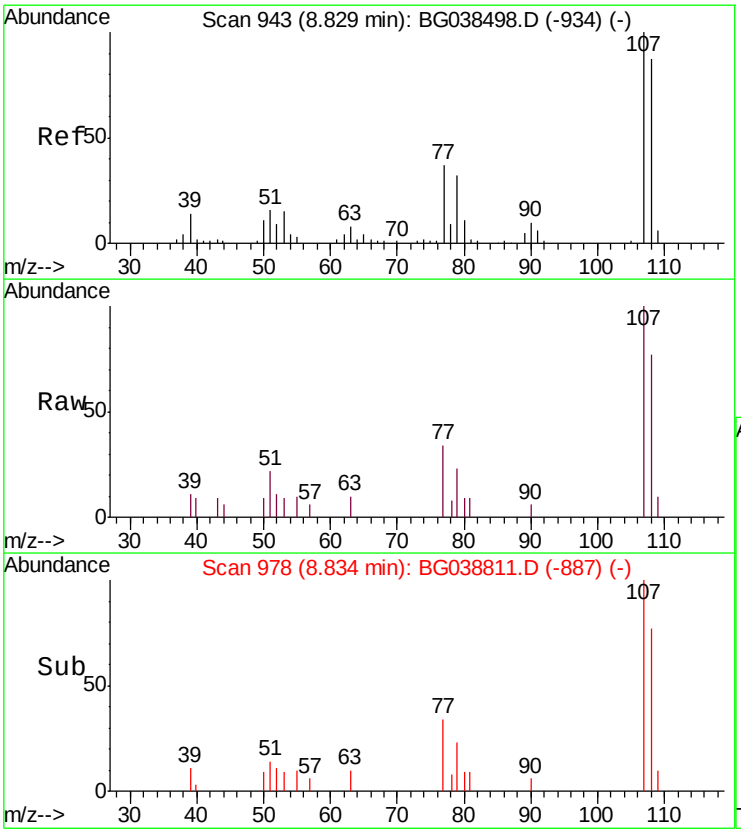
#19
n-Nitroso-di-n-propylamine
Concen: 9.935 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion: 70 Resp: 17656

Ion	Ratio	Lower	Upper
70	100		
42	51.1	63.6	95.4#
101	0.0	9.2	13.8#
130	2.4	18.5	27.7#

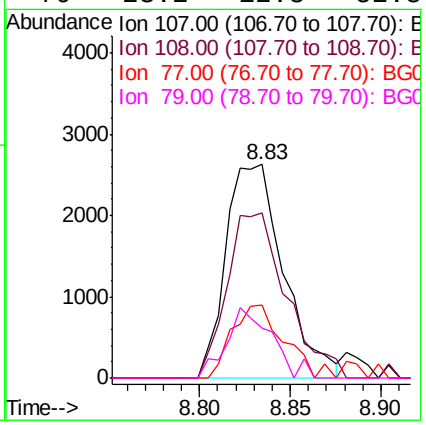


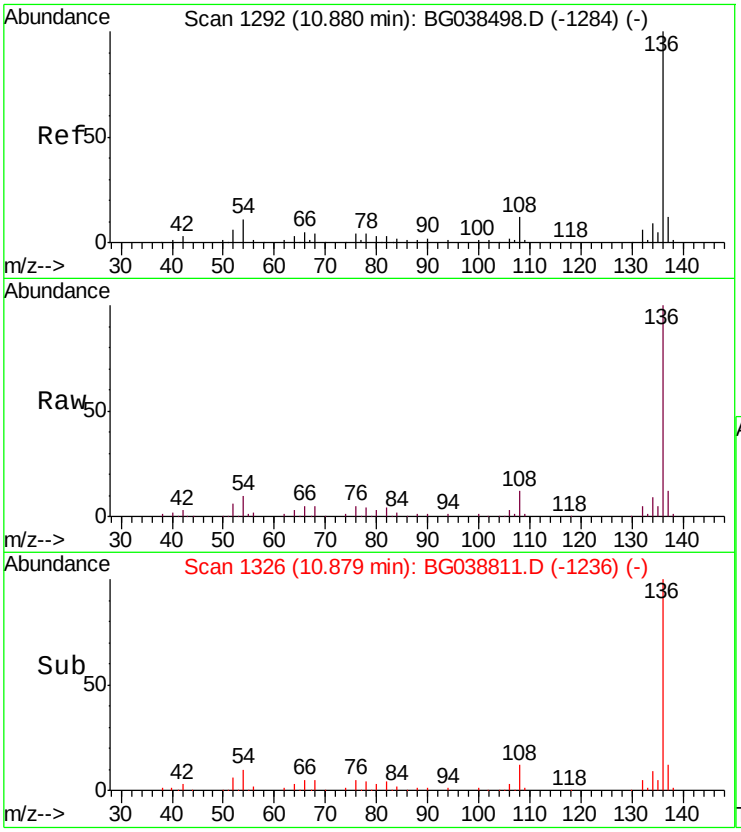


#20
3+4-Methylphenols
Concen: 2.329 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:107 Resp: 5793

Ion	Ratio	Lower	Upper
107	100		
108	77.5	66.7	106.7
77	34.0	17.3	57.3
79	23.2	12.3	52.3



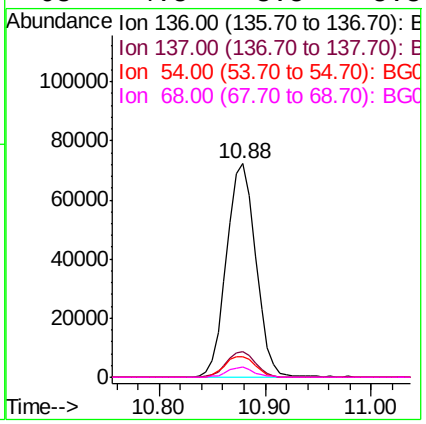


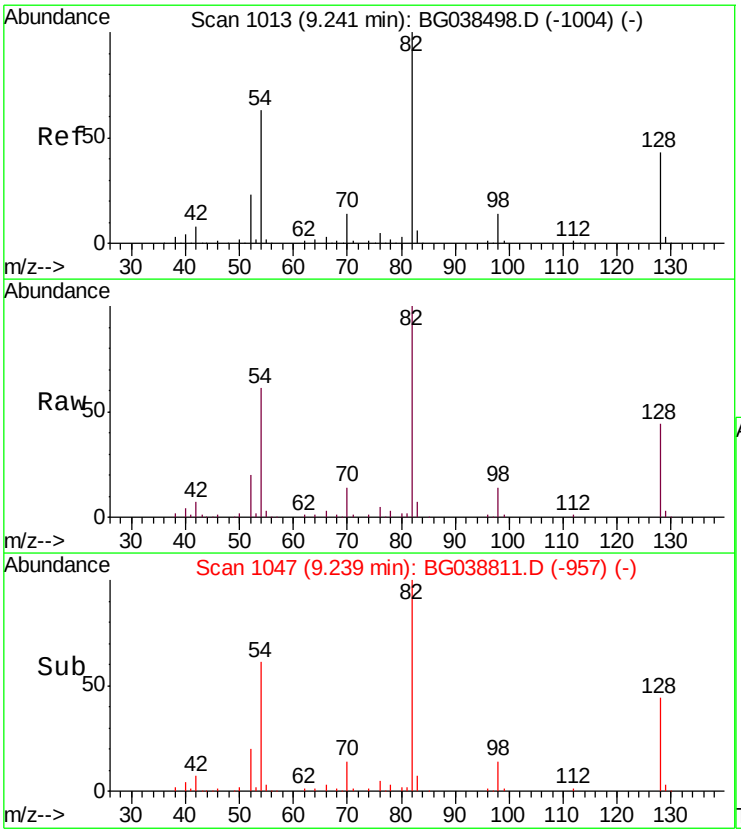
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:136 Resp: 138286

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	9.6	8.5	12.7
68	4.5	3.5	5.3

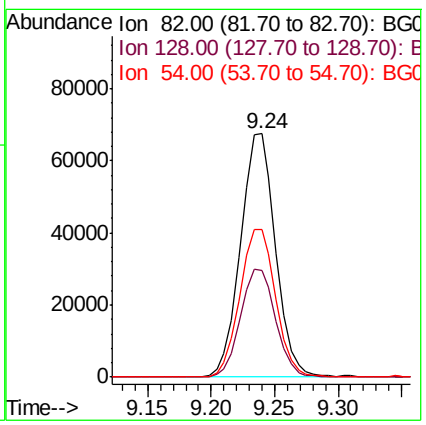


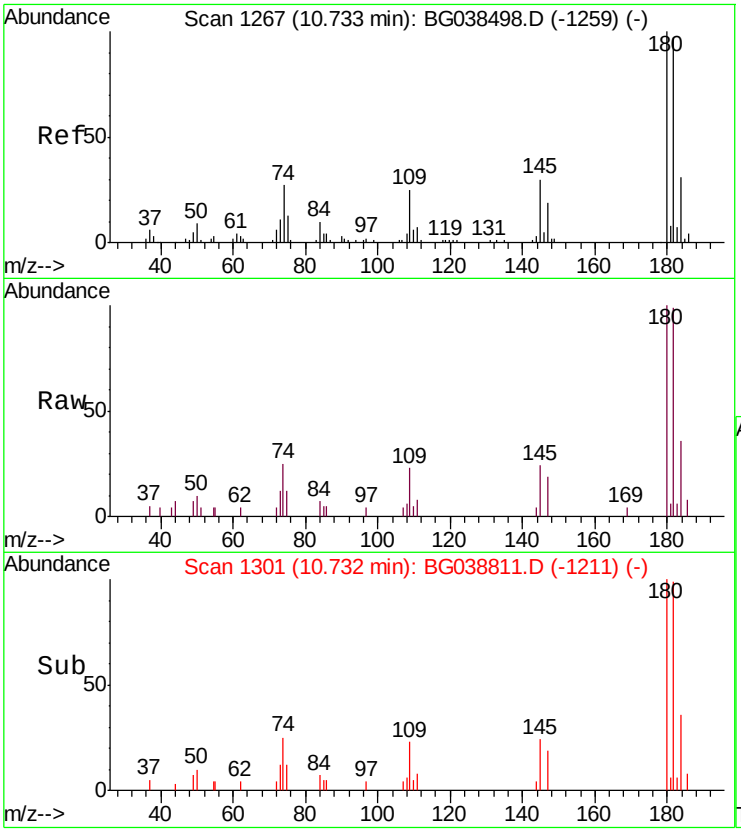


#23
Nitrobenzene-d5
Concen: 47.734 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion: 82 Resp: 129209

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	60.6	50.6	76.0



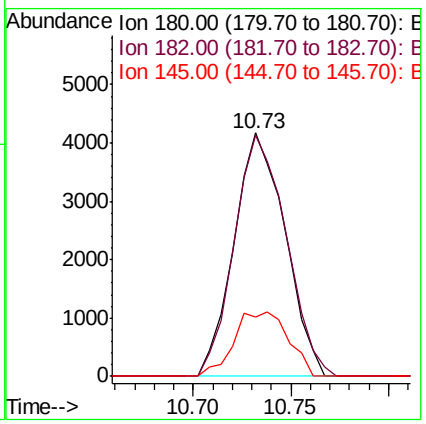


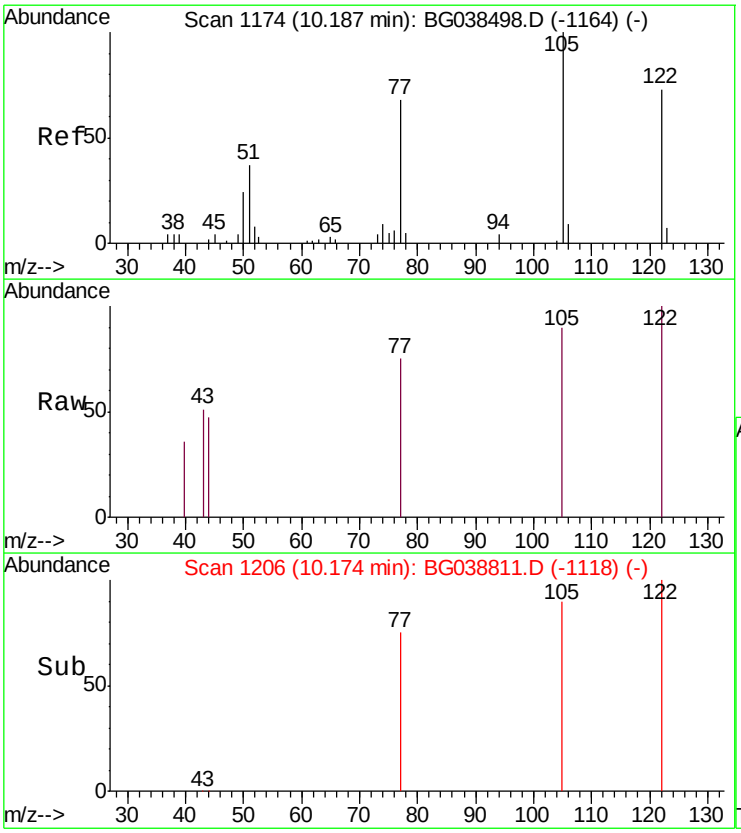
#30
1,2,4-Trichlorobenzene
Concen: 2.800 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:180 Resp: 7558

Ion	Ratio	Lower	Upper
180	100		
182	99.1	77.4	116.0
145	24.3	24.1	36.1

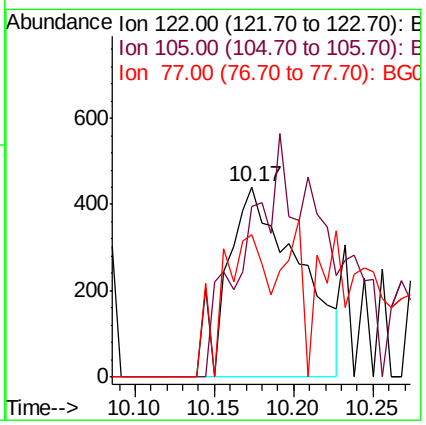


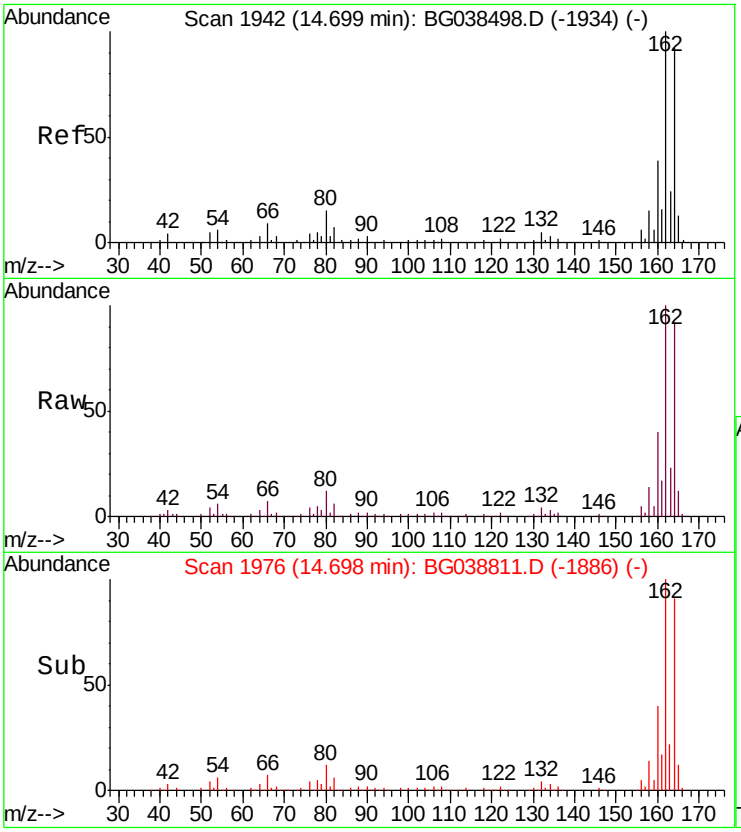


#32
Benzoic acid
Concen: 11.018 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:122 Resp: 1382

Ion	Ratio	Lower	Upper
122	100		
105	89.6	116.7	156.7#
77	74.6	72.5	112.5



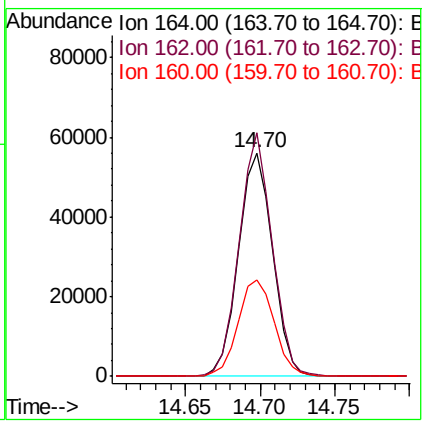


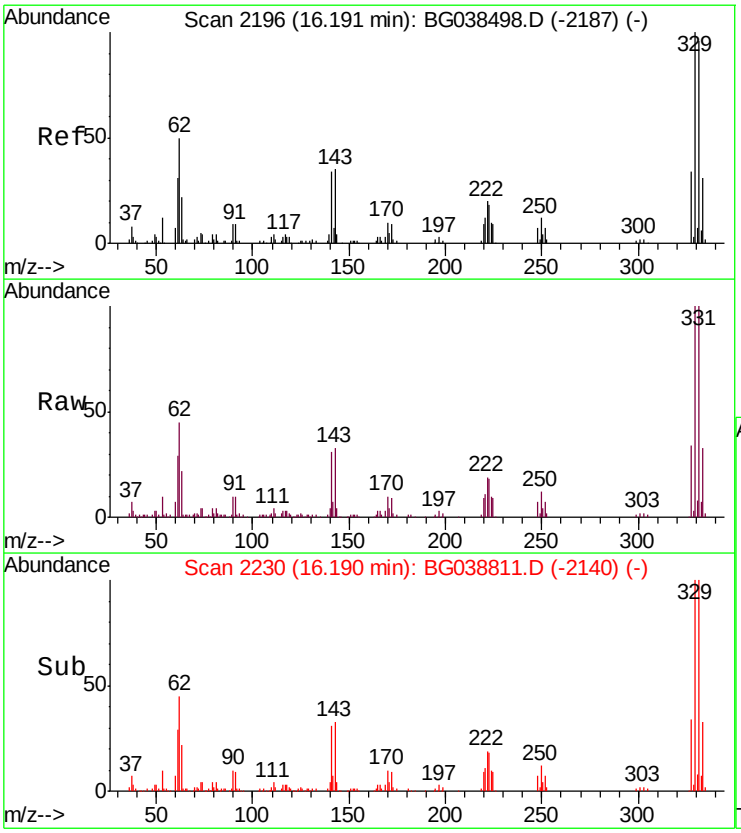
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:164 Resp: 88677

Ion	Ratio	Lower	Upper
164	100		
162	109.1	86.6	130.0
160	43.3	34.2	51.2

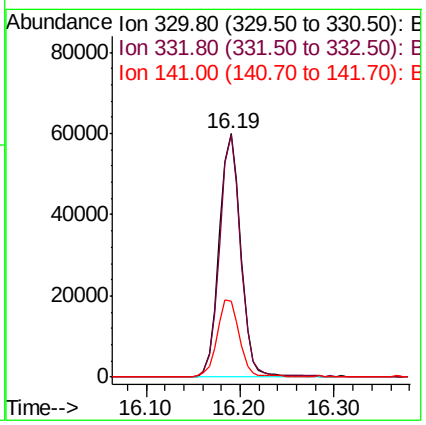


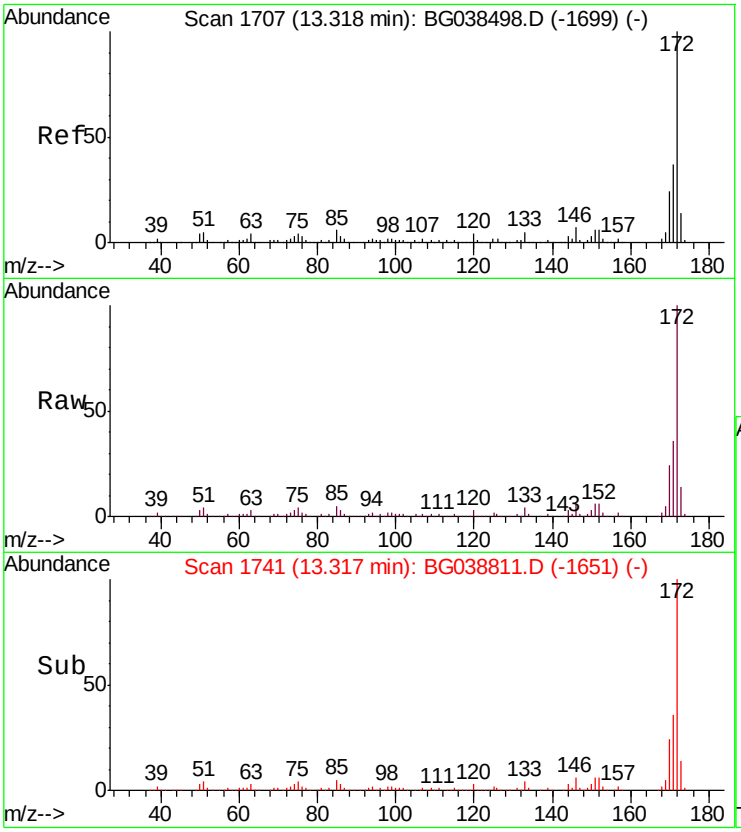


#42
2,4,6-Tribromophenol
Concen: 79.067 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:330 Resp: 96630

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.9	28.8	43.2



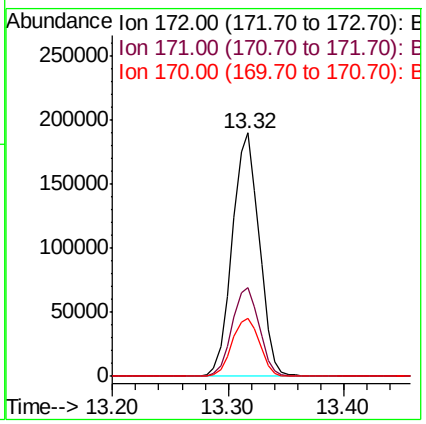


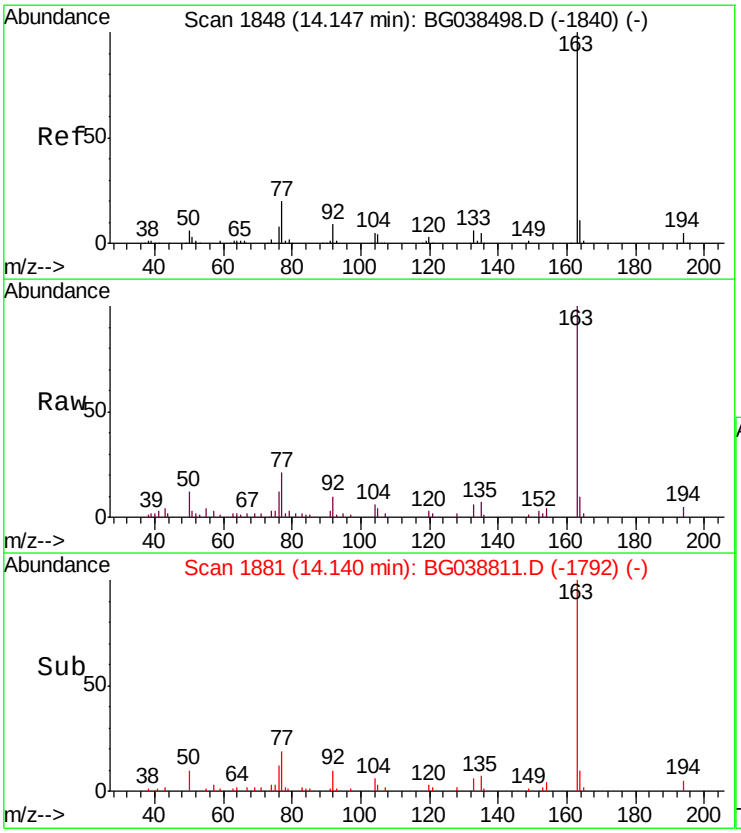
#45
2-Fluorobiphenyl
Concen: 47.422 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:172 Resp: 306536

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.1	19.5	29.3

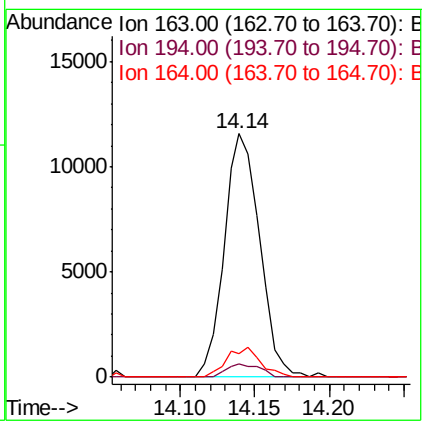


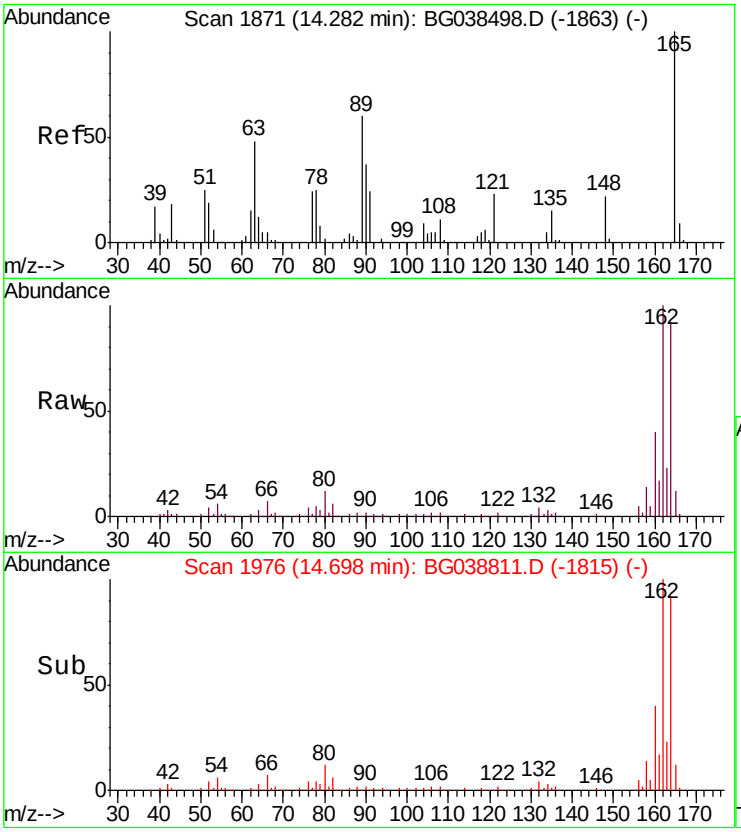


#50
Dimethylphthalate
Concen: 2.649 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:163 Resp: 19182

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	9.7	8.6	12.8



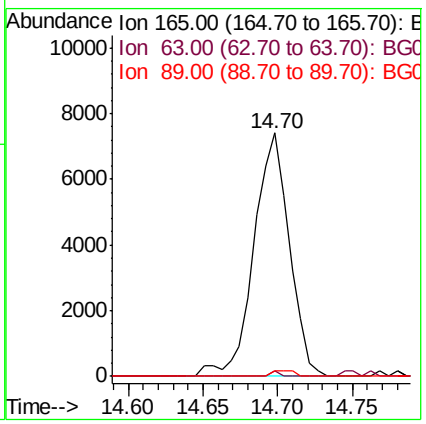


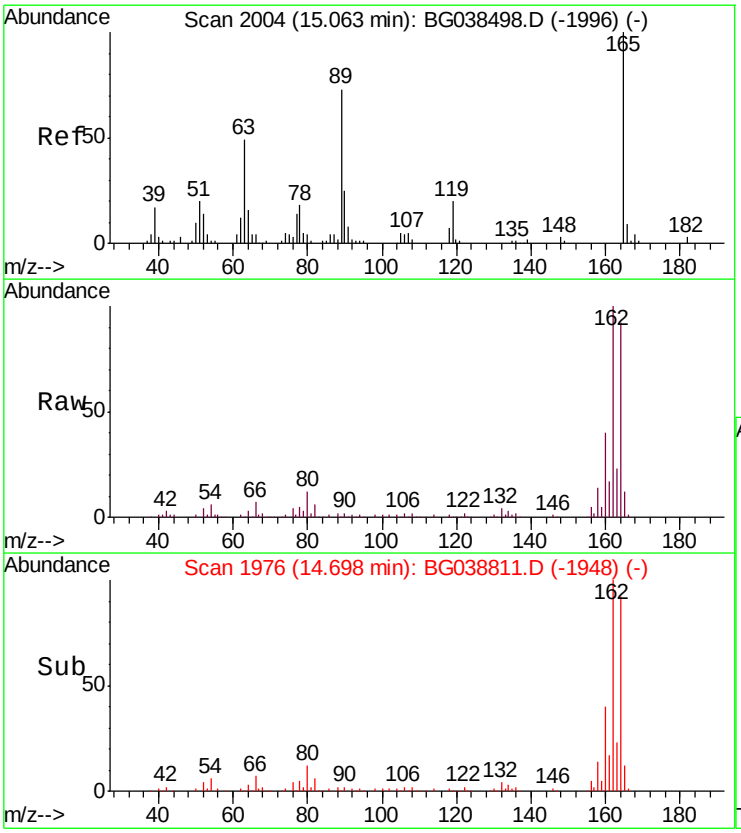
#51
2,6-Dinitrotoluene
Concen: 7.387 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:165 Resp: 12123

Ion	Ratio	Lower	Upper
165	100		
63	2.4	51.8	77.6#
89	2.5	47.9	71.9#

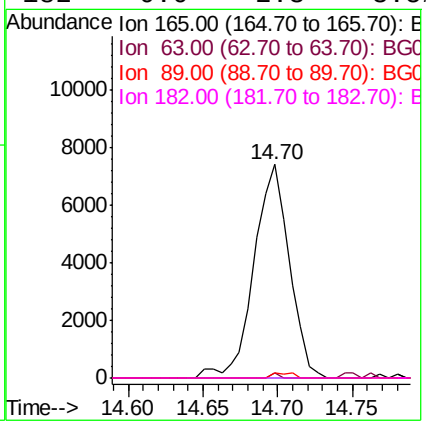


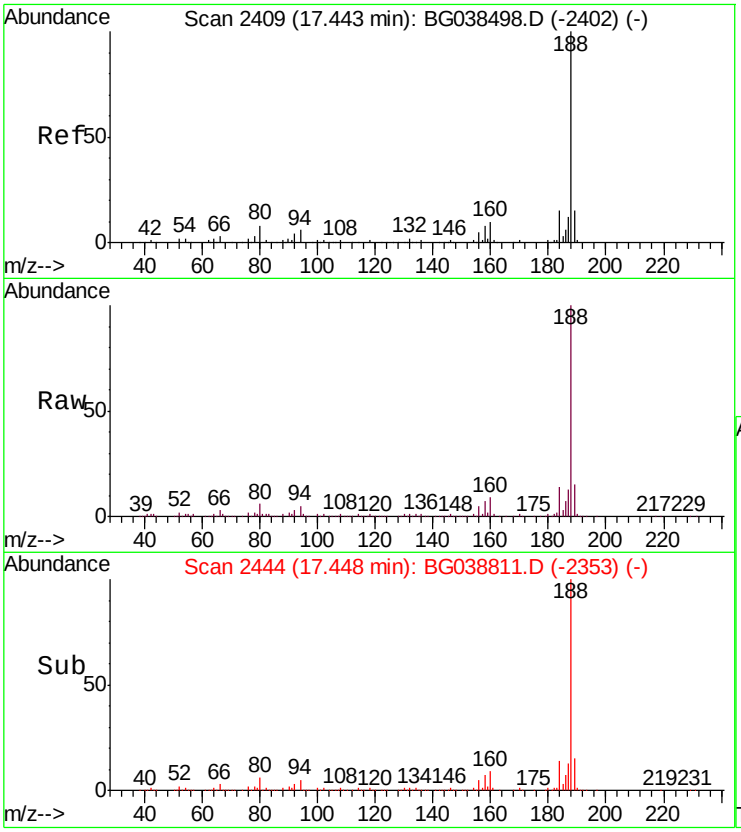


#57
2,4-Dinitrotoluene
Concen: 5.245 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:165 Resp: 12123

Ion	Ratio	Lower	Upper
165	100		
63	2.4	39.0	58.4#
89	2.5	58.0	87.0#
182	0.0	2.3	3.5#



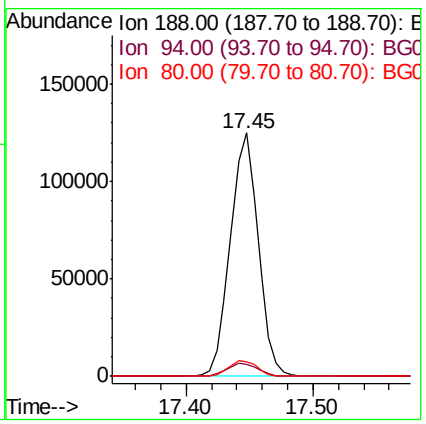


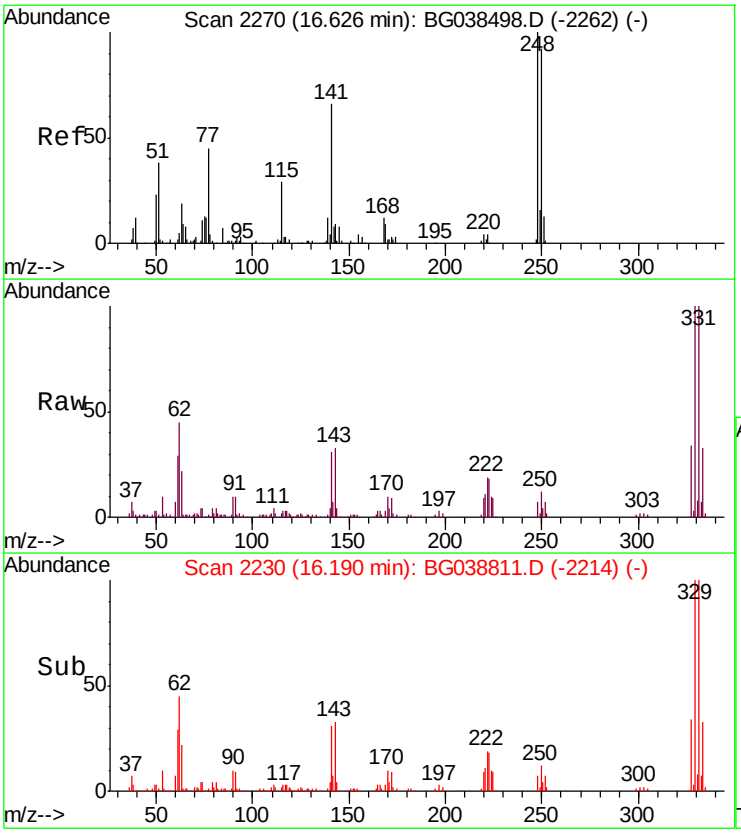
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:188 Resp: 190486

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.1	7.7#
80	6.2	6.1	9.1

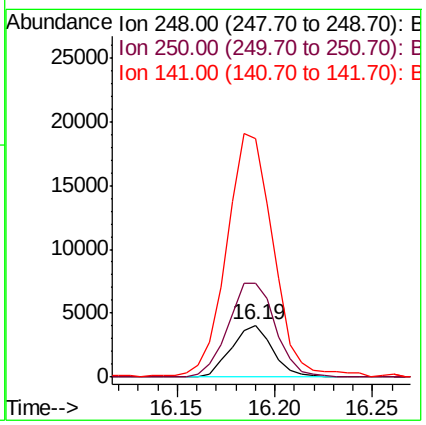


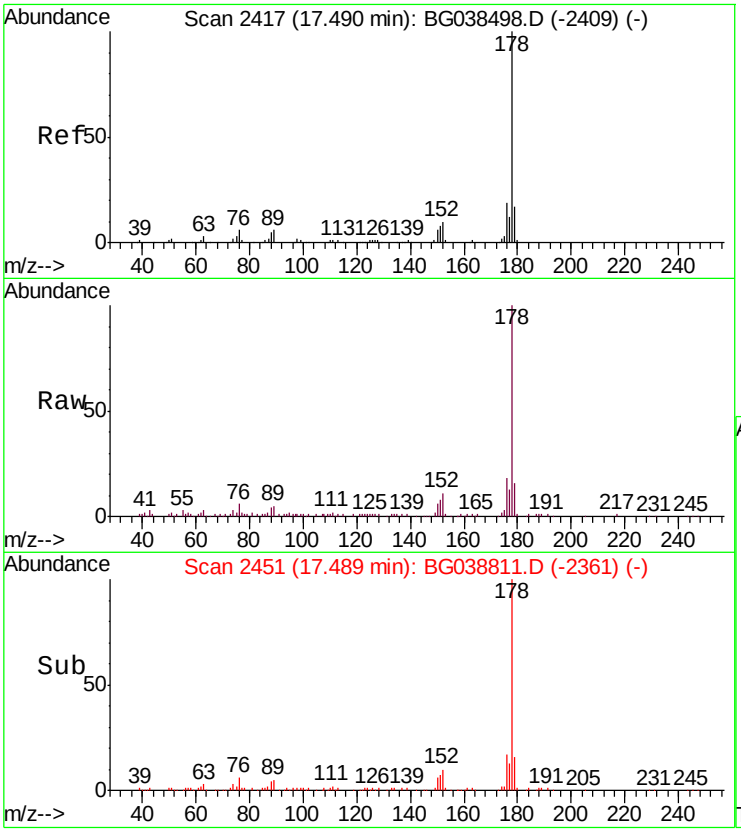


#67
4-Bromophenyl-phenylether
Concen: 2.549 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.44 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:248 Resp: 5929

Ion	Ratio	Lower	Upper
248	100		
250	242.4	73.4	110.2#
141	457.6	52.9	79.3#



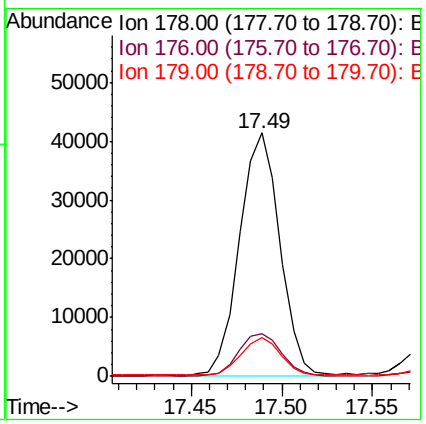


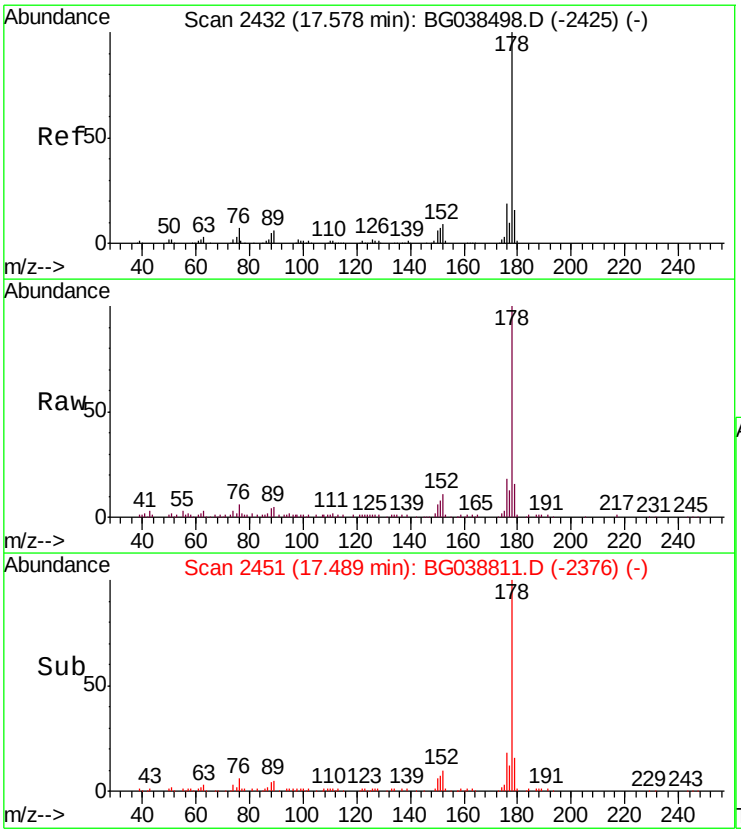
#71
Phenanthrene
Concen: 6.508 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:178 Resp: 64286

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	16.0	13.2	19.8

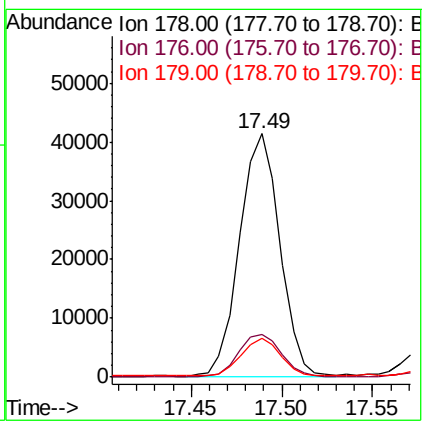


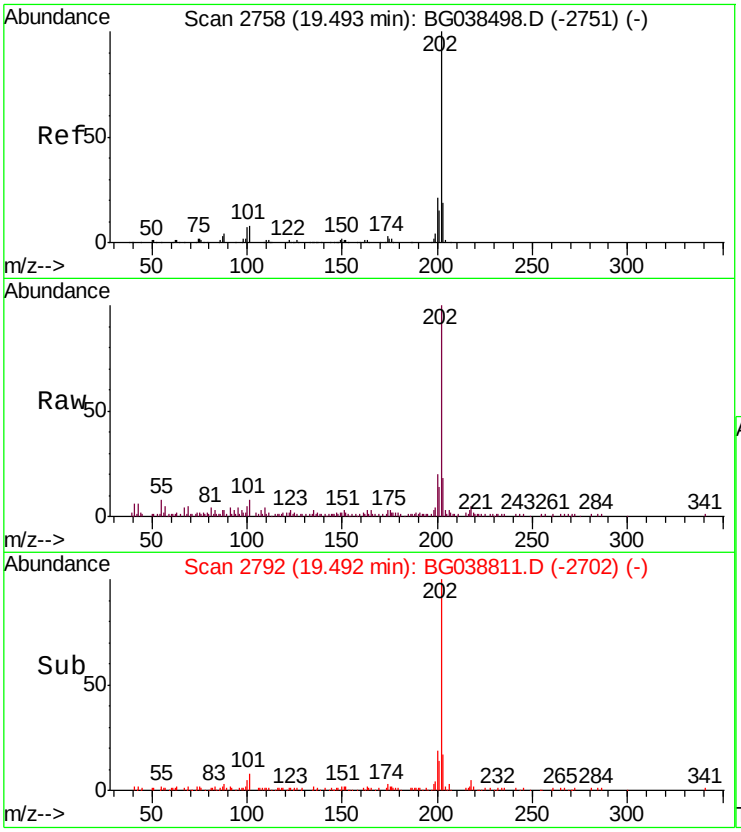


#72
Anthracene
Concen: 6.592 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.09 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:178 Resp: 64286

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	16.0	12.9	19.3



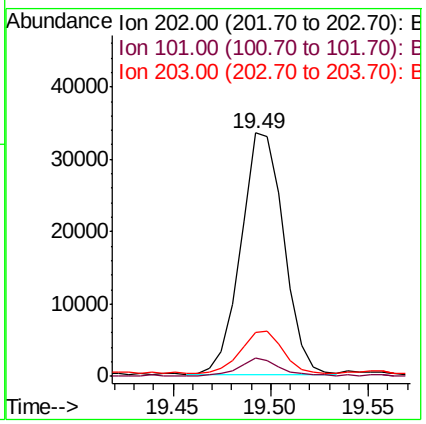


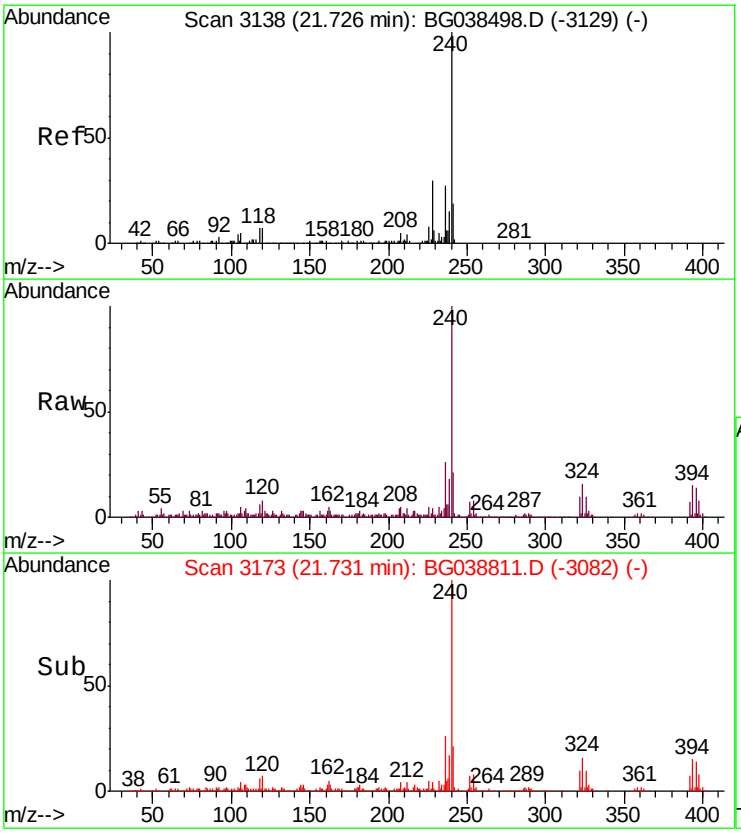
#75
Fluoranthene
Concen: 4.136 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:202 Resp: 50551

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.1
203	17.8	0.0	39.0

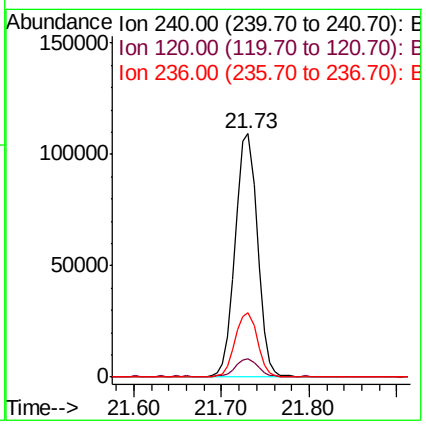


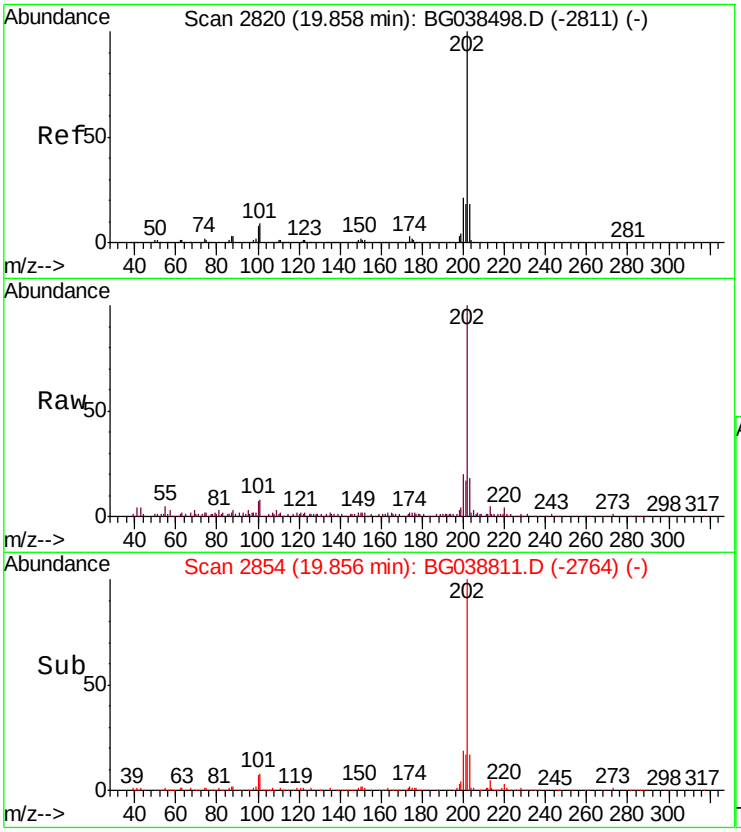


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:240 Resp: 187589

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.3	7.9
236	26.4	21.4	32.2



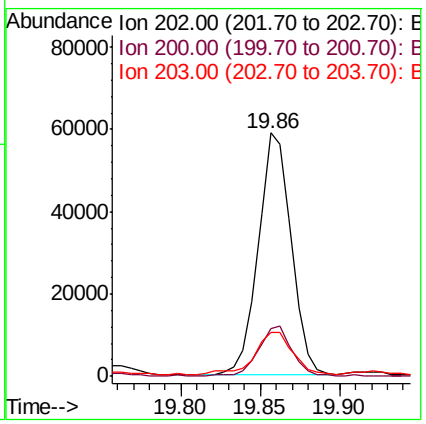


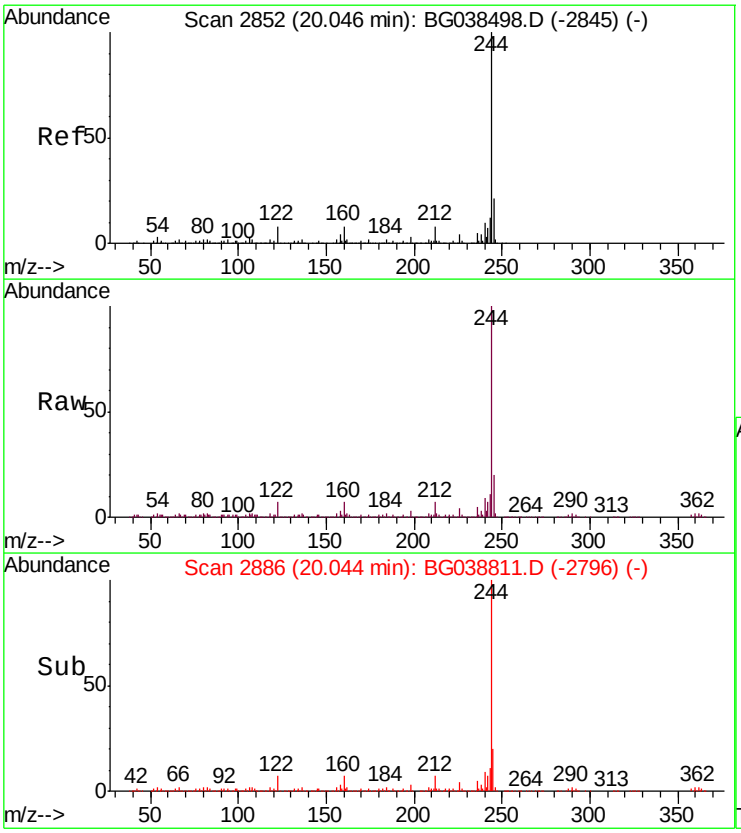
#78
Pyrene
Concen: 6.873 ng
RT: 19.86 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:202 Resp: 85176

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.6	25.0
203	17.9	14.6	21.8

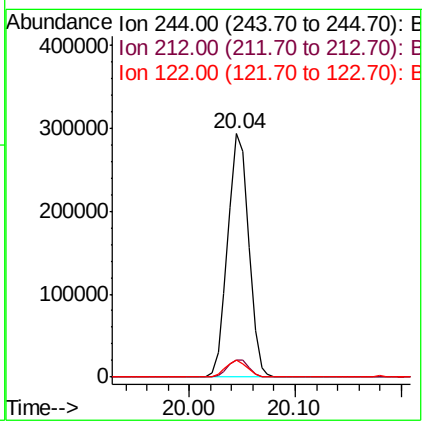


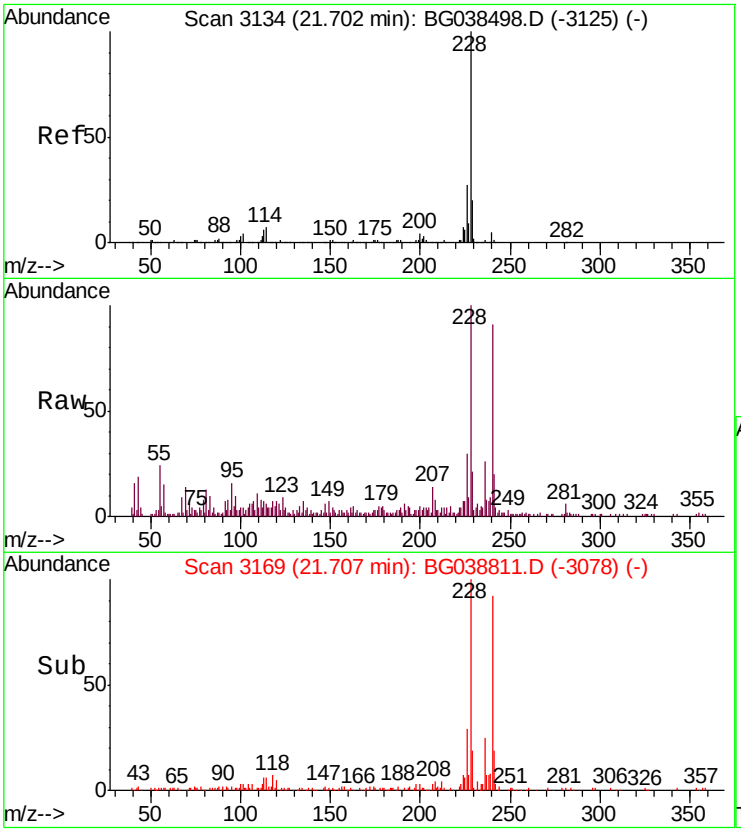


#79
Terphenyl-d14
Concen: 46.699 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:244 Resp: 402523

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	6.8	6.3	9.5



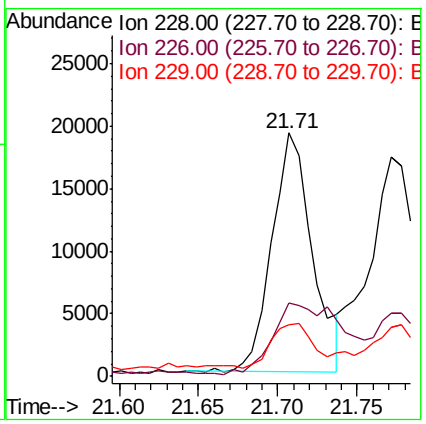


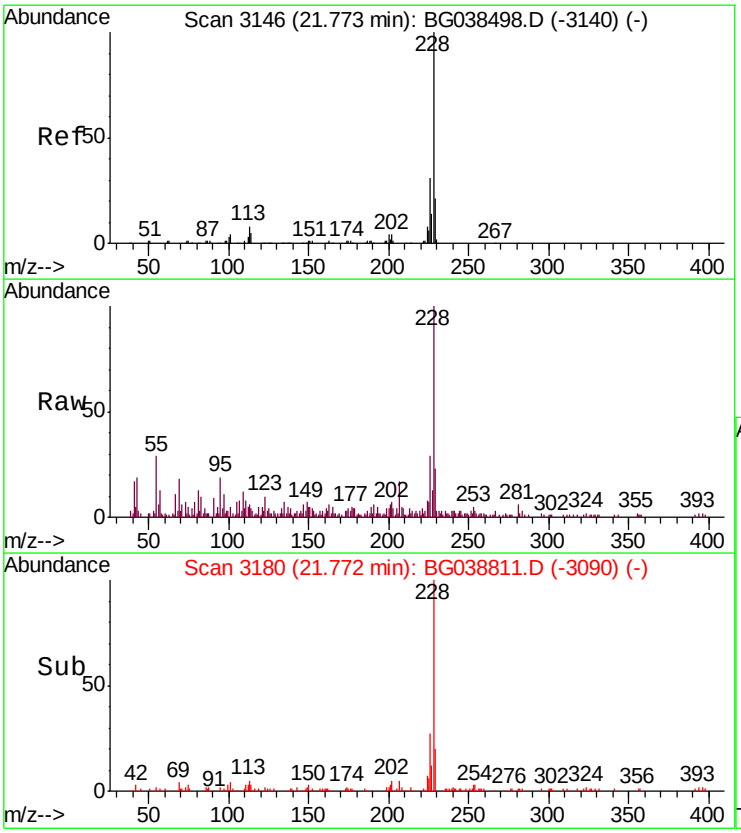
#81
Benzo(a)anthracene
Concen: 2.953 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:228 Resp: 33757

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.8	32.8
229	21.2	15.8	23.6

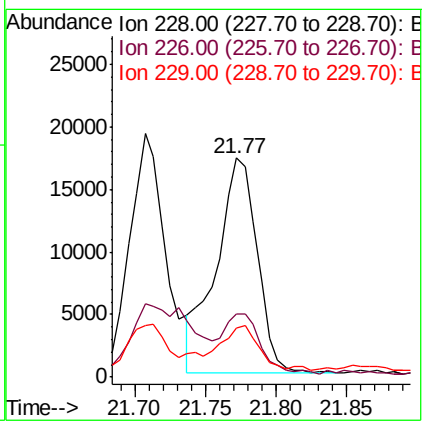


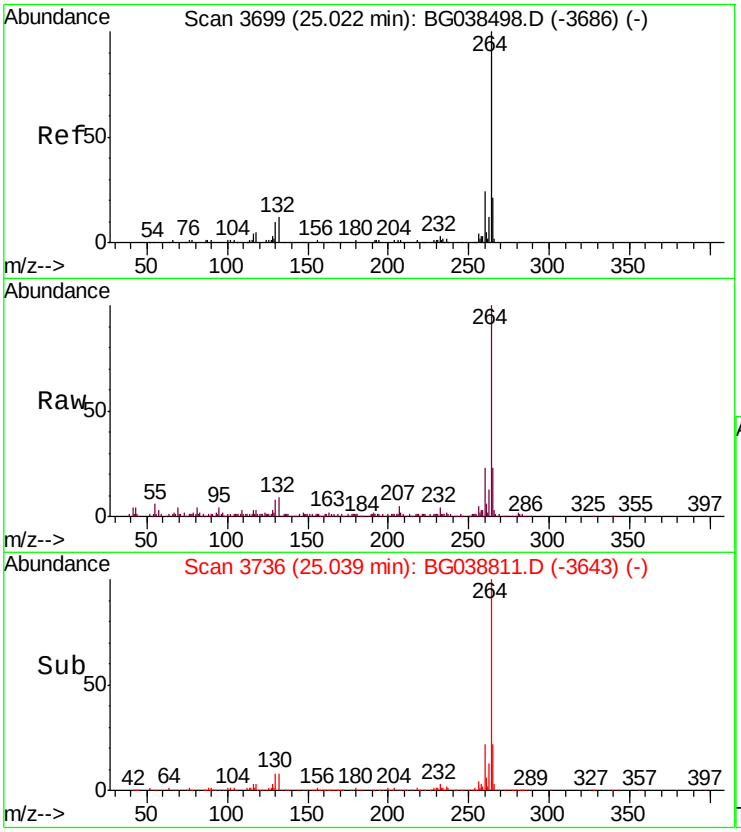


#83
Chrysene
Concen: 3.171 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:228 Resp: 34913

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.4
229	22.7	16.5	24.7



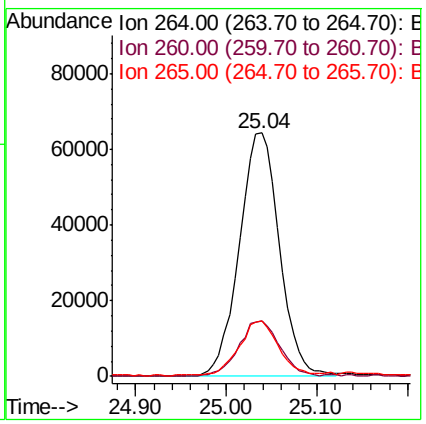


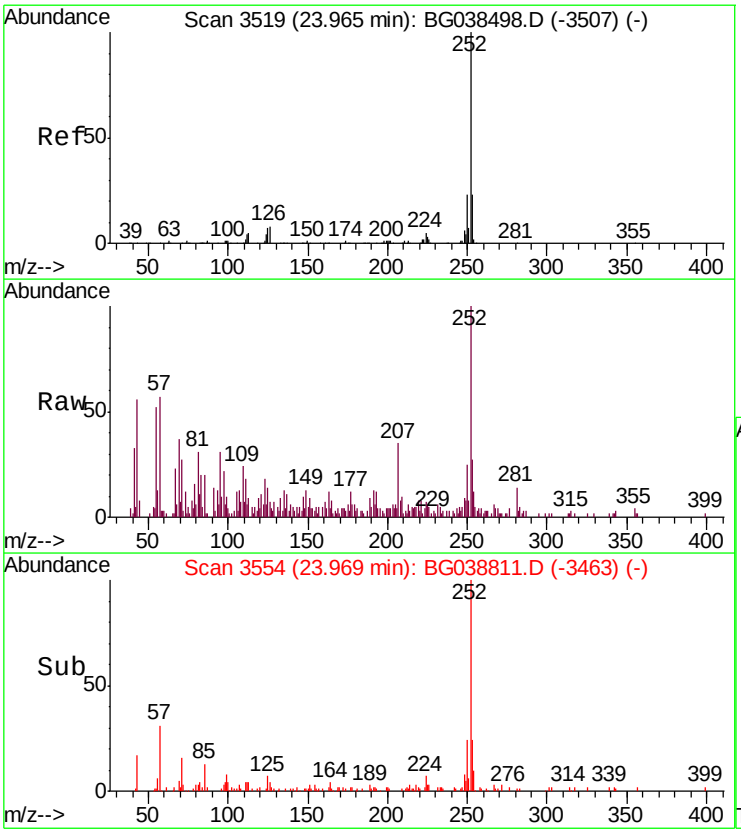
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3736
Delta R.T. 0.02 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:264 Resp: 197449

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	22.7	17.0	25.4

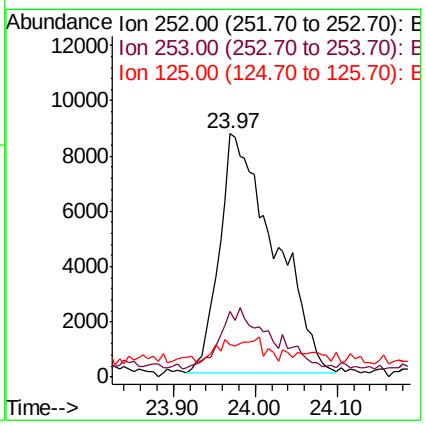


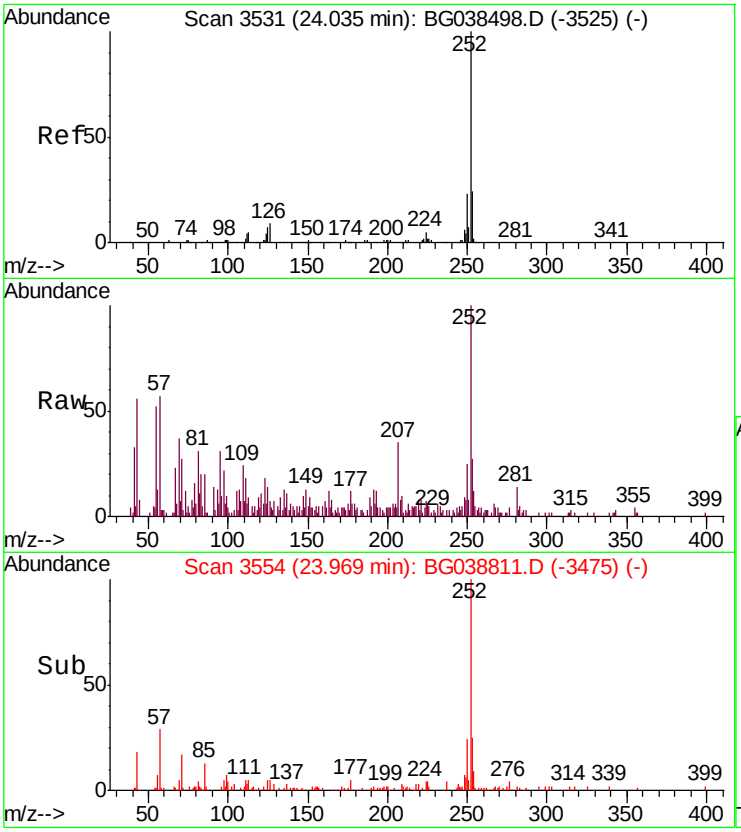


#88
Benzo(b)fluoranthene
Concen: 3.716 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:252 Resp: 40286

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	13.5	5.5	8.3#



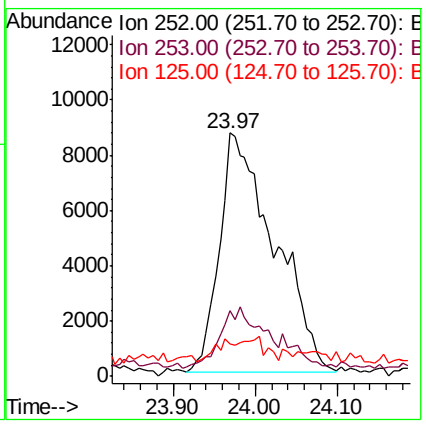


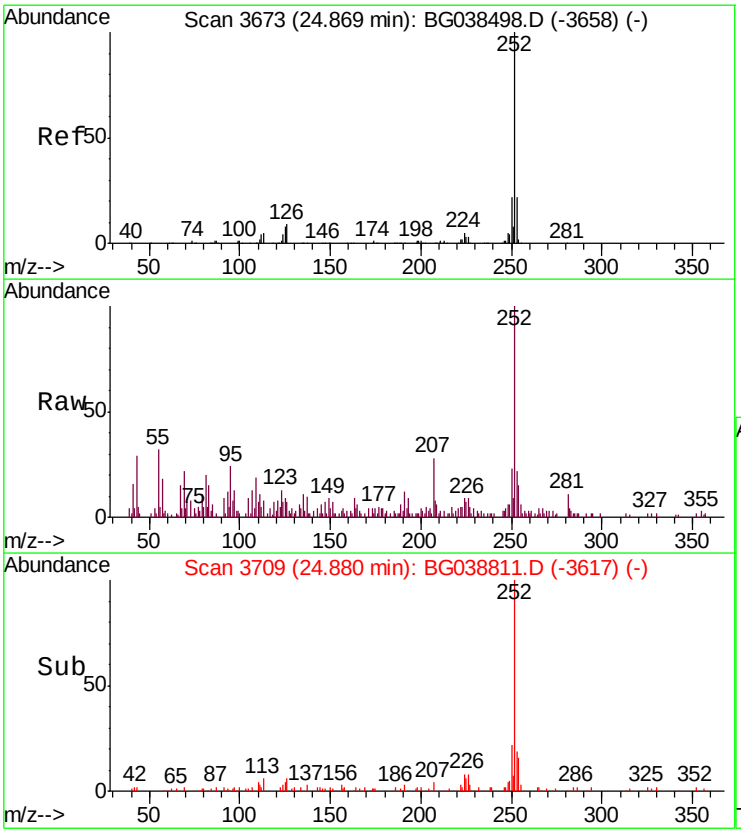
#89
Benzo(k)fluoranthene
Concen: 3.732 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.07 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:252 Resp: 40286

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.9	28.3
125	13.5	5.4	8.2#

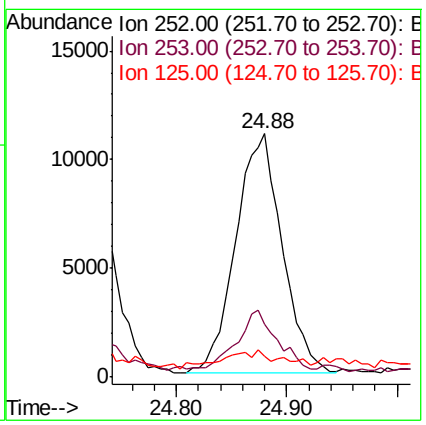


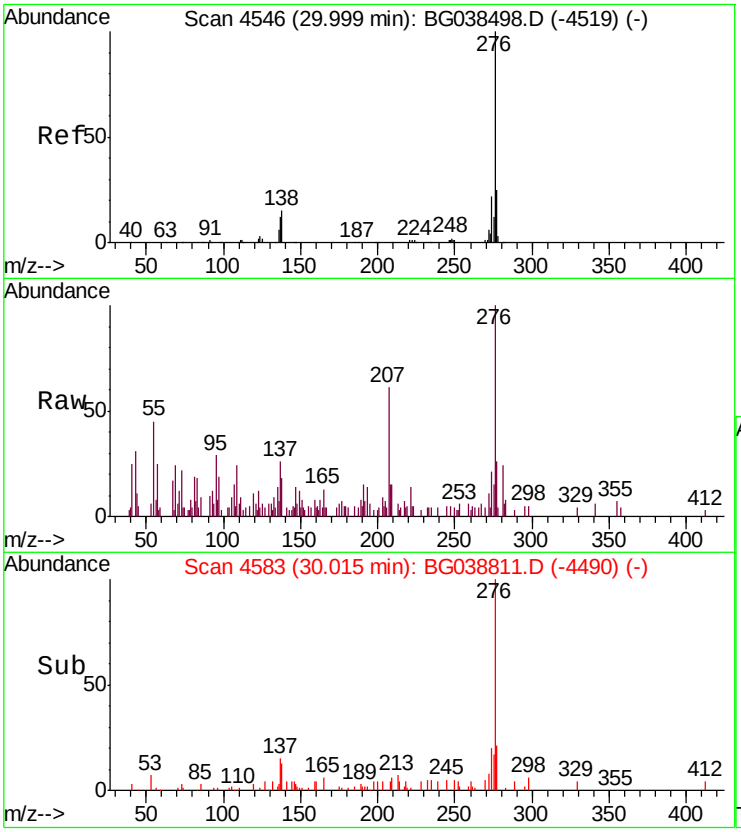


#90
Benzo(a)pyrene
Concen: 3.101 ng
RT: 24.88 min Scan# 3709
Delta R.T. 0.01 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Tgt Ion:252 Resp: 32430

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.6	6.4	9.6





#92
Benzo(g,h,i)perylene
Concen: 2.593 ng
RT: 30.02 min Scan# 4583
Delta R.T. 0.02 min
Lab File: BG038811.D
Acq: 22 Dec 2018 10:38

Instrument :
BNA_G
ClientSampleId :
P001-SS007-1824-01

Tgt Ion:276 Resp: 26608

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.8	29.8
138	17.5	11.8	17.6