Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
Data File : BG038477.D
Acq On : 11 Dec 2018 19:58
Operator : JU/SJ
Sample : J6195-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-121018-B

Quant Time: Dec 12 03:17:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26574	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	135536	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	66619	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174870	20.00	ng	0.00
76) Chrysene-d12	21.73	240	169262	20.00	ng	0.00
87) Perylene-d12	25.04	264	161189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	219074	145.89	ng	0.00
7) Phenol-d6	7.22	99	277306	127.77	ng	0.00
23) Nitrobenzene-d5	9.25	82	219614	80.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	149595	182.92	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	525774	112.46	ng	0.00
79) Terphenyl-d14	20.05	244	975532	123.47	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.25	70	29091	17.135	ng	# 75
22) Acetophenone	8.91	105	56	Below Cal		# 48
32) Benzoic acid	10.31	122	58	4.796	ng	# 1
51) 2,6-Dinitrotoluene	14.71	165	8438	6.913	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	8438	5.012	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	10239	5.422	ng	# 1
77) Benzidine	20.05	184	16602	2.907	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
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Instrument :
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OR-02-121018-B

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QLast Update : Tue Dec 04 17:15:40 2018
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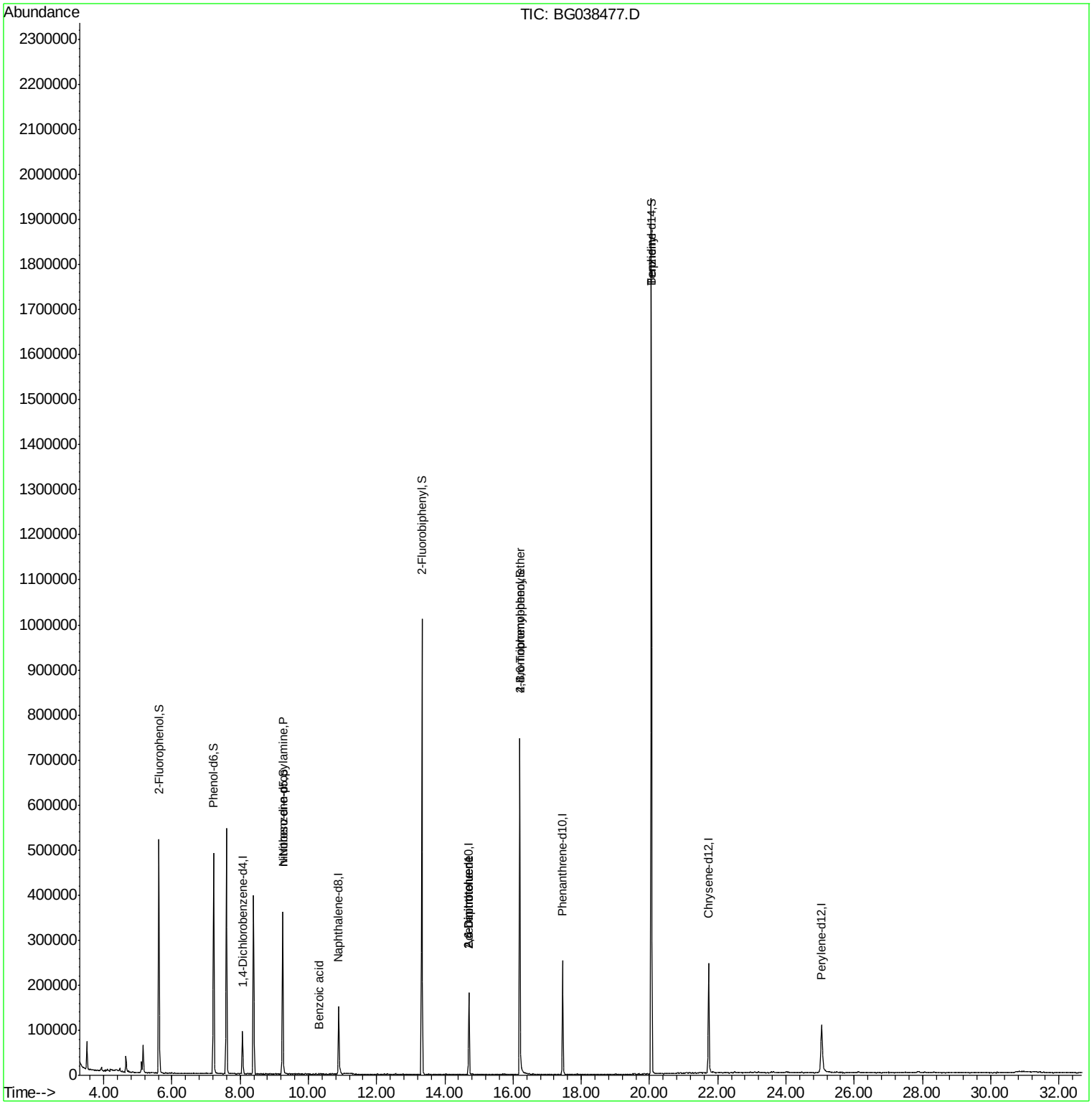
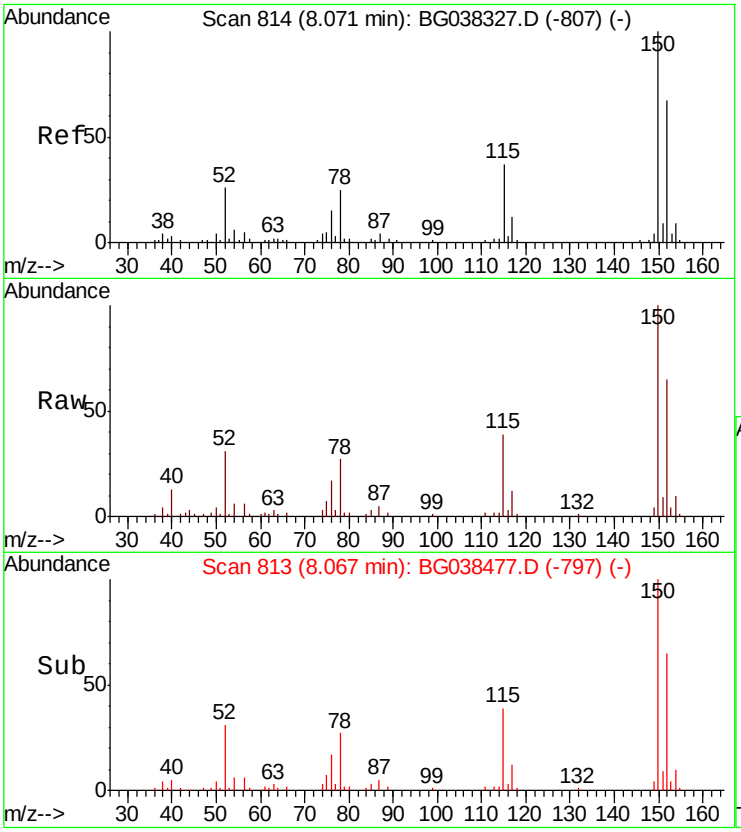


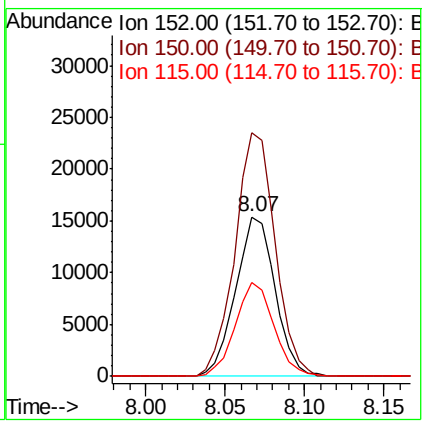


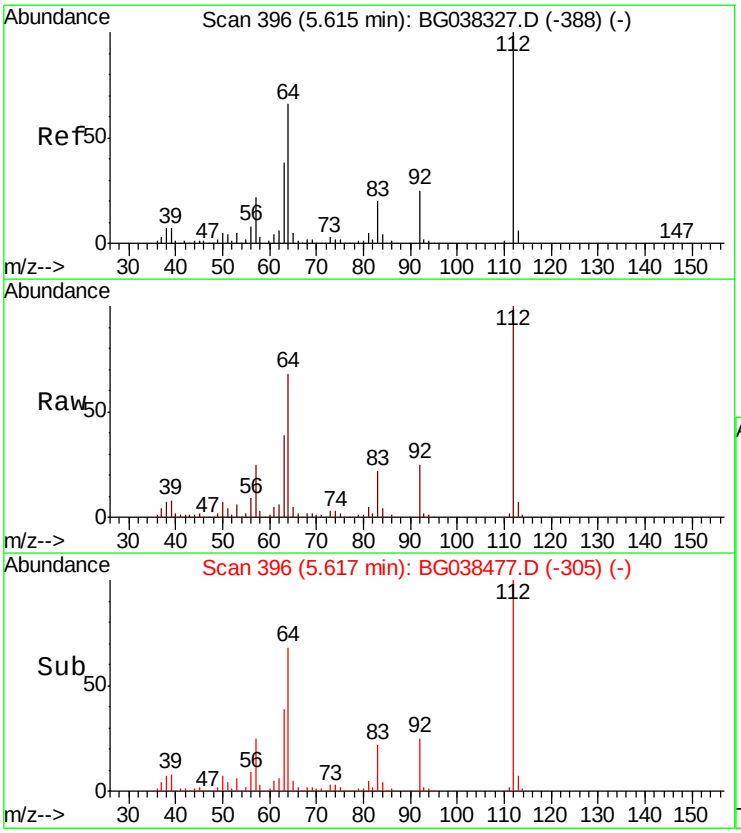
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:152 Resp: 26574

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.0	189.0
115	59.0	45.5	68.3

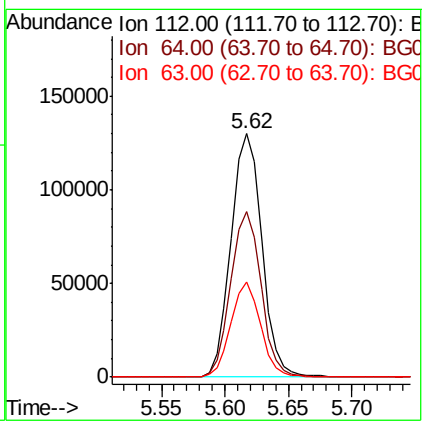


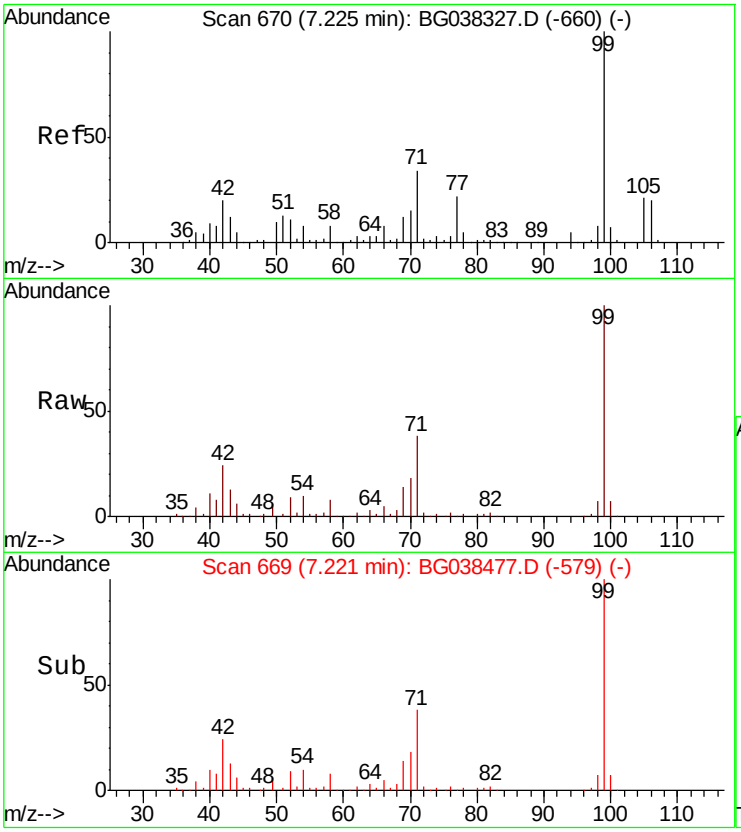


#5
2-Fluorophenol
Concen: 145.888 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:112 Resp: 219074

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.1	79.7
63	39.2	27.3	40.9



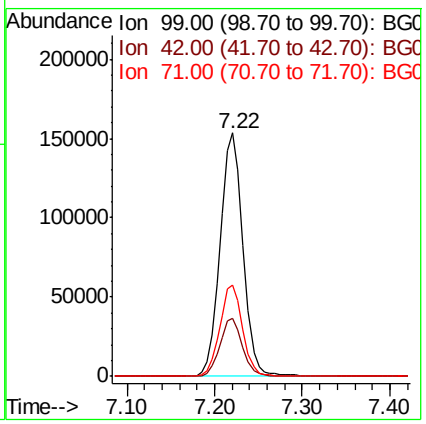


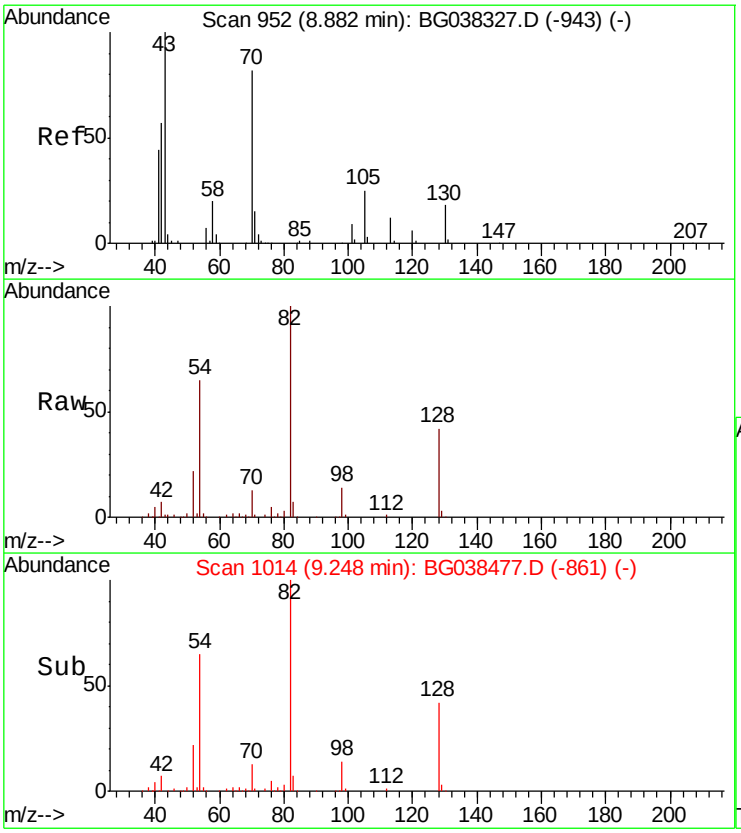
#7
Phenol-d6
Concen: 127.767 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion: 99 Resp: 277306

Ion	Ratio	Lower	Upper
99	100		
42	23.7	15.0	22.4#
71	37.8	25.5	38.3

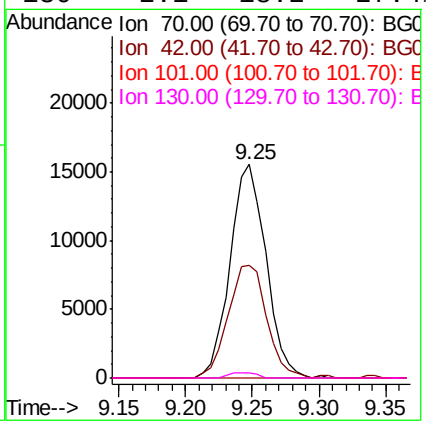


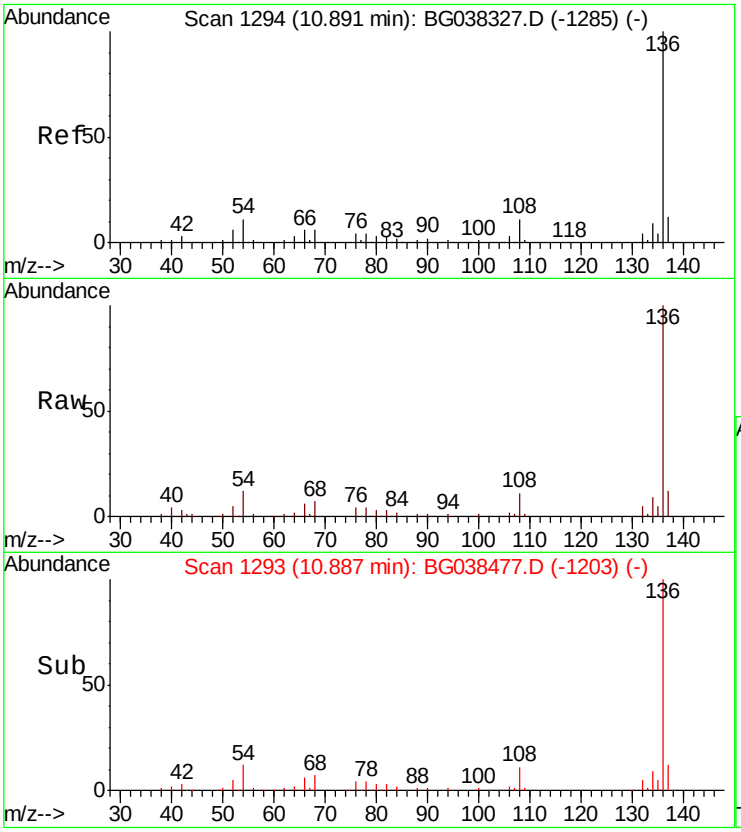


#19
n-Nitroso-di-n-propylamine
Concen: 17.135 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion: 70 Resp: 29091

Ion	Ratio	Lower	Upper
70	100		
42	53.0	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#



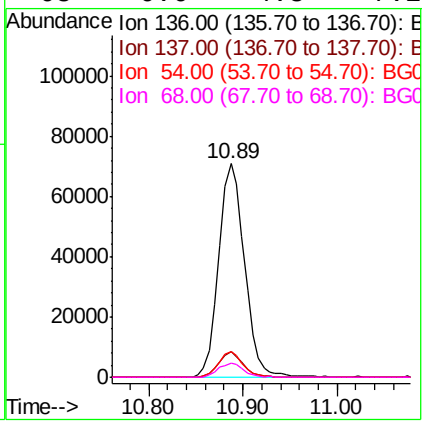


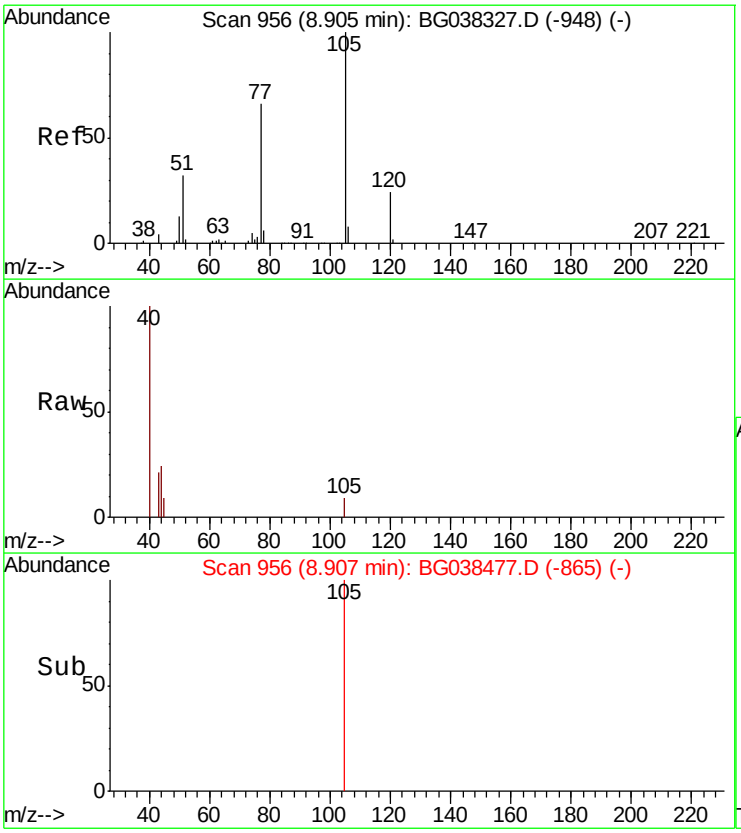
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:136 Resp: 135536

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	11.7	7.9	11.9
68	6.6	4.8	7.2

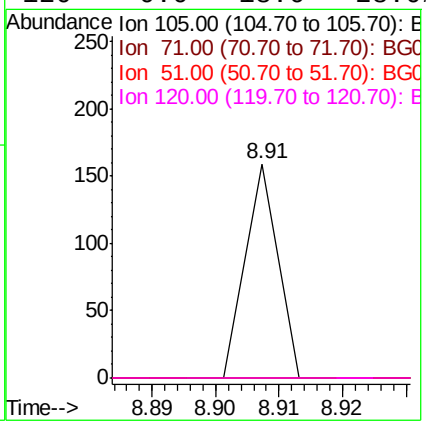


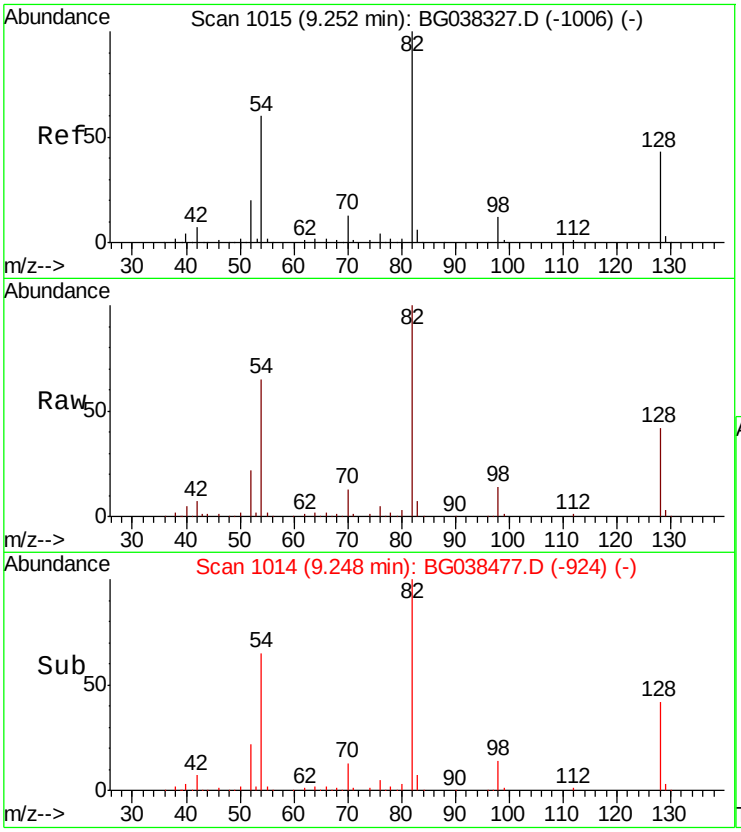


#22
Acetophenone
Concen: Below Cal
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:105 Resp: 56

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	0.0	25.0	37.6#
120	0.0	18.6	28.0#



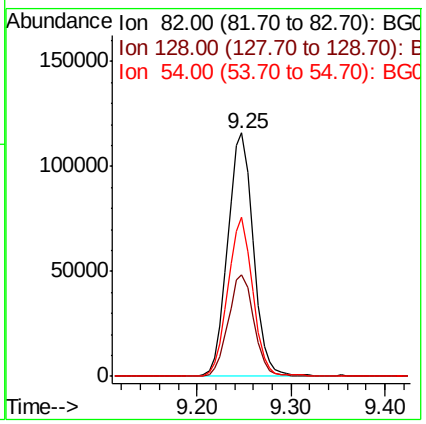


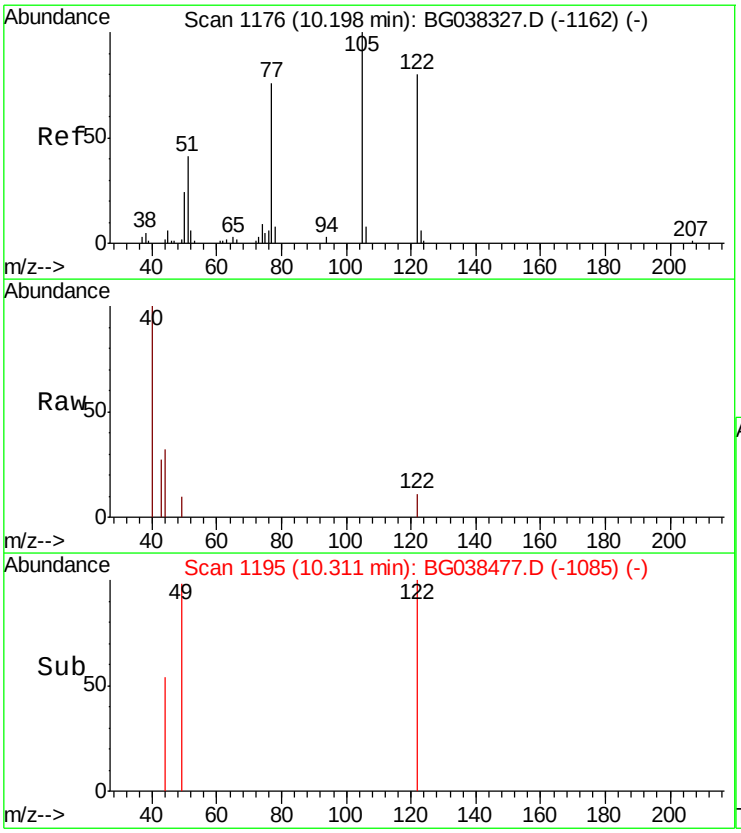
#23
Nitrobenzene-d5
Concen: 80.446 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion: 82 Resp: 219614

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	65.3	45.3	67.9

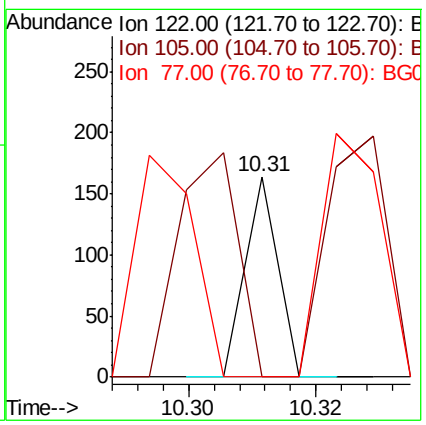


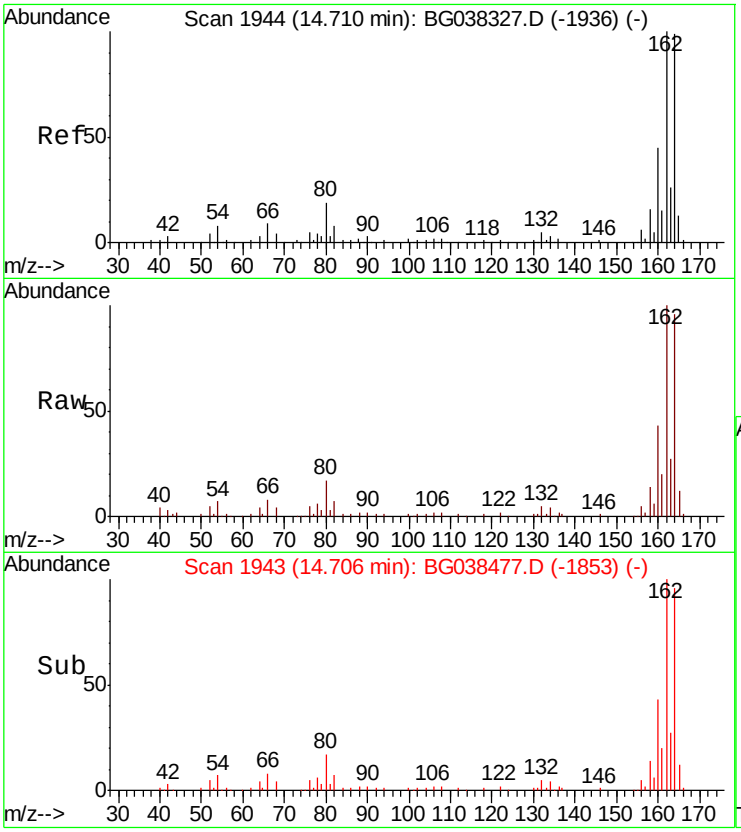


#32
Benzoic acid
Concen: 4.796 ng
RT: 10.31 min Scan# 1195
Delta R.T. 0.11 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.7	146.7#
77	0.0	72.2	112.2#



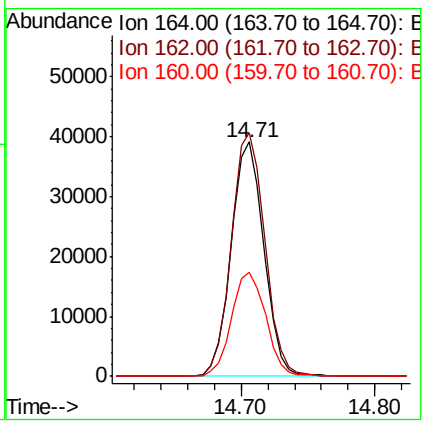


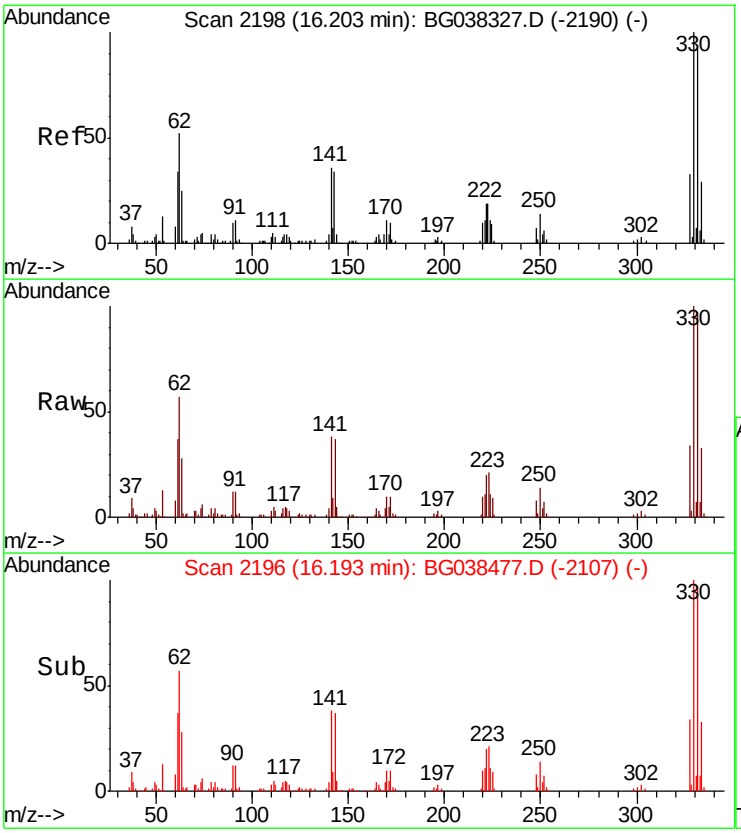
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:164 Resp: 66619

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	44.3	36.3	54.5

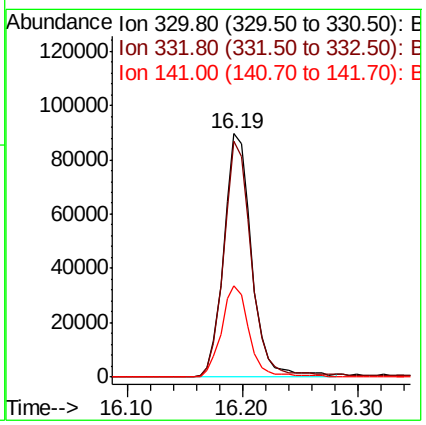


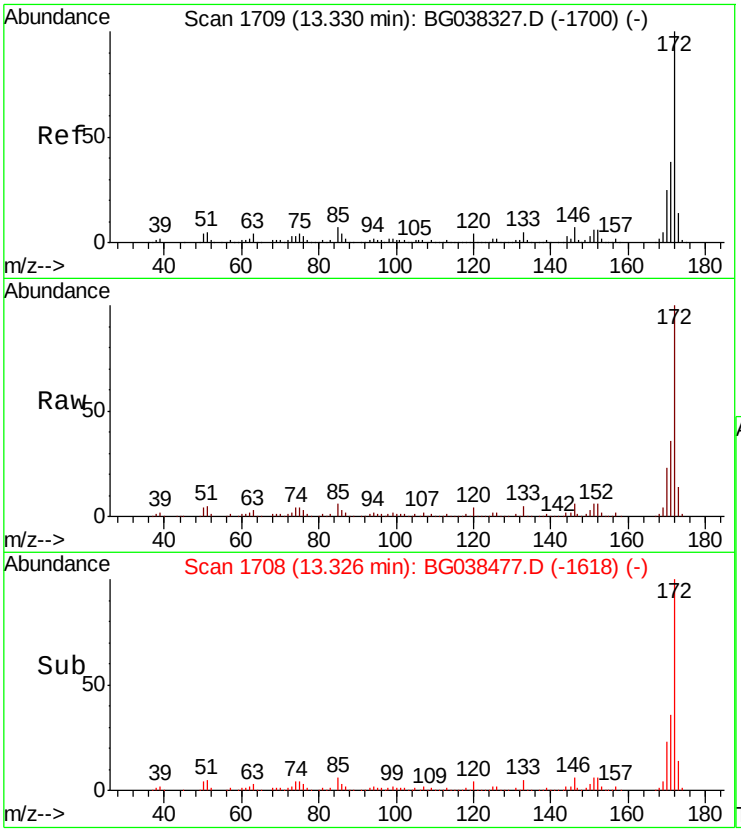


#42
2,4,6-Tribromophenol
Concen: 182.917 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:330 Resp: 149595

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	37.4	32.2	48.2



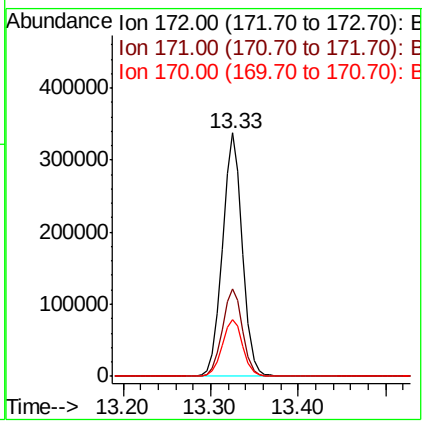


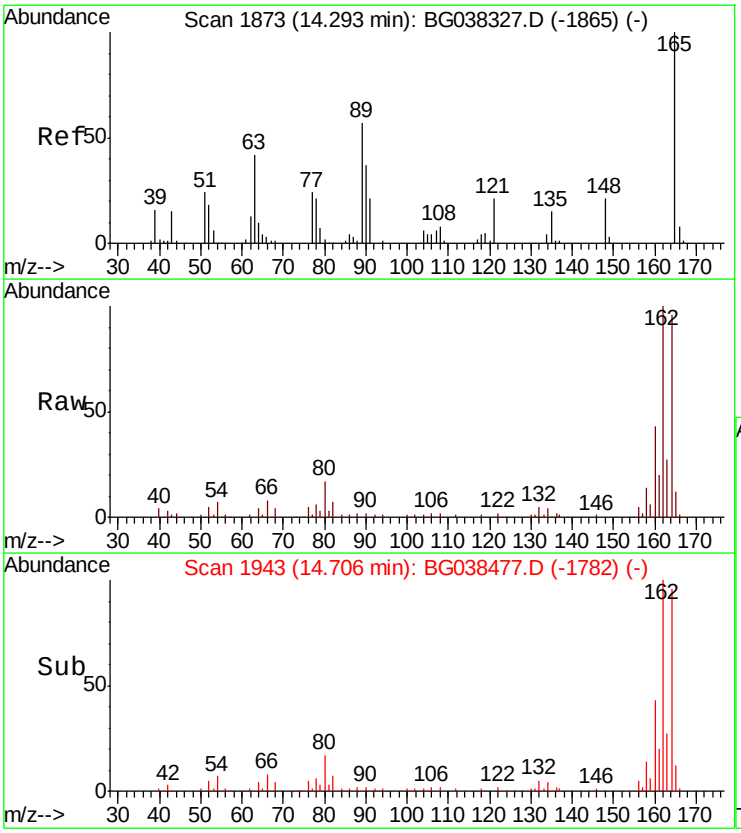
#45
2-Fluorobiphenyl
Concen: 112.458 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:172 Resp: 525774

Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.0	46.4
170	23.4	20.2	30.2

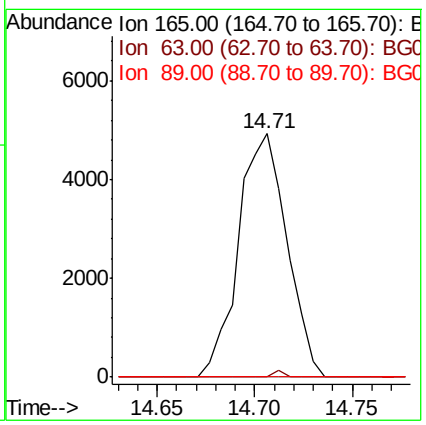


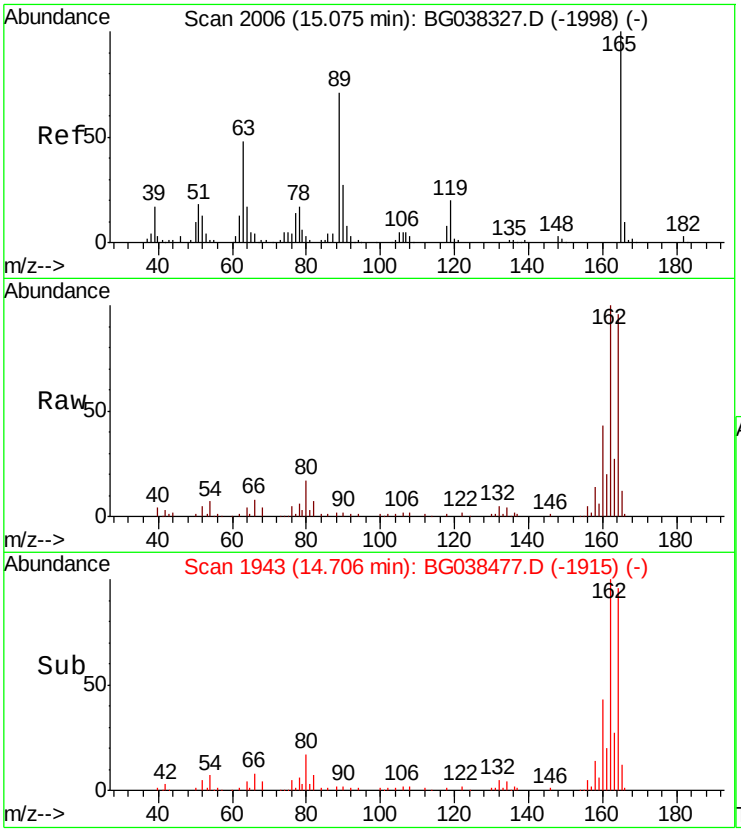


#51
2,6-Dinitrotoluene
Concen: 6.913 ng
RT: 14.71 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:165 Resp: 8438

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



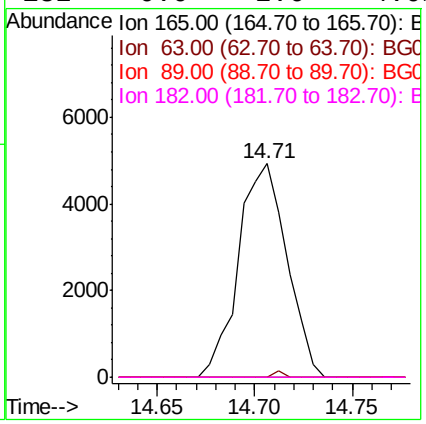


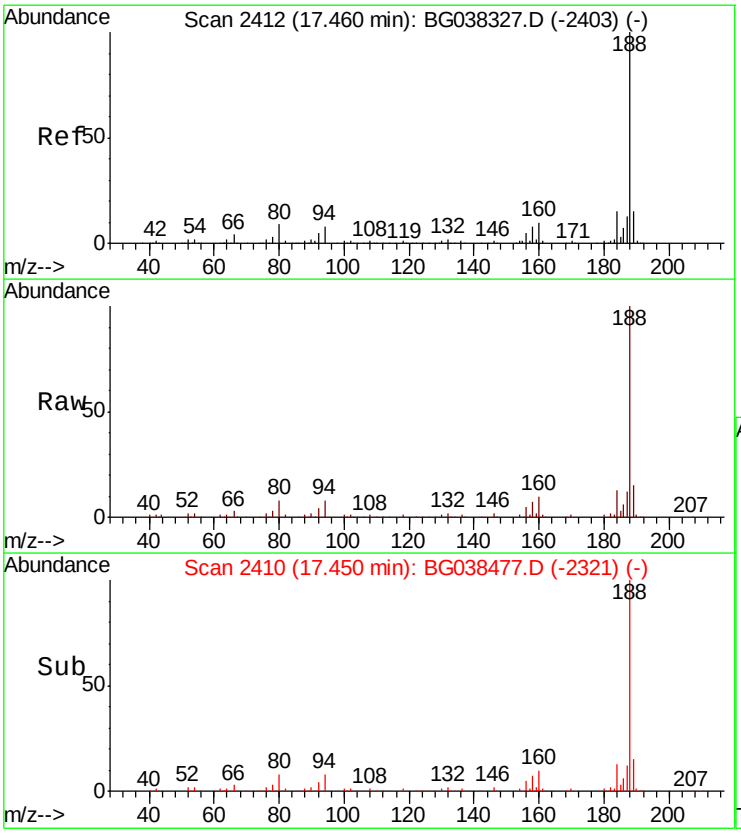
#57
2,4-Dinitrotoluene
Concen: 5.012 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.37 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:165 Resp: 8438

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

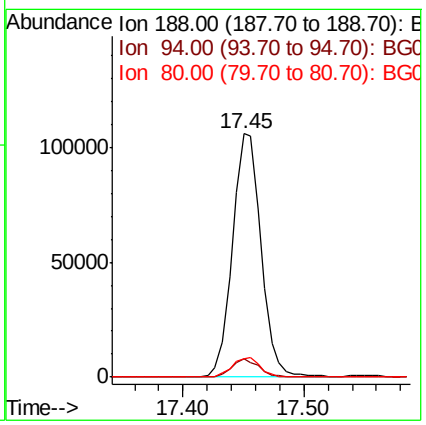


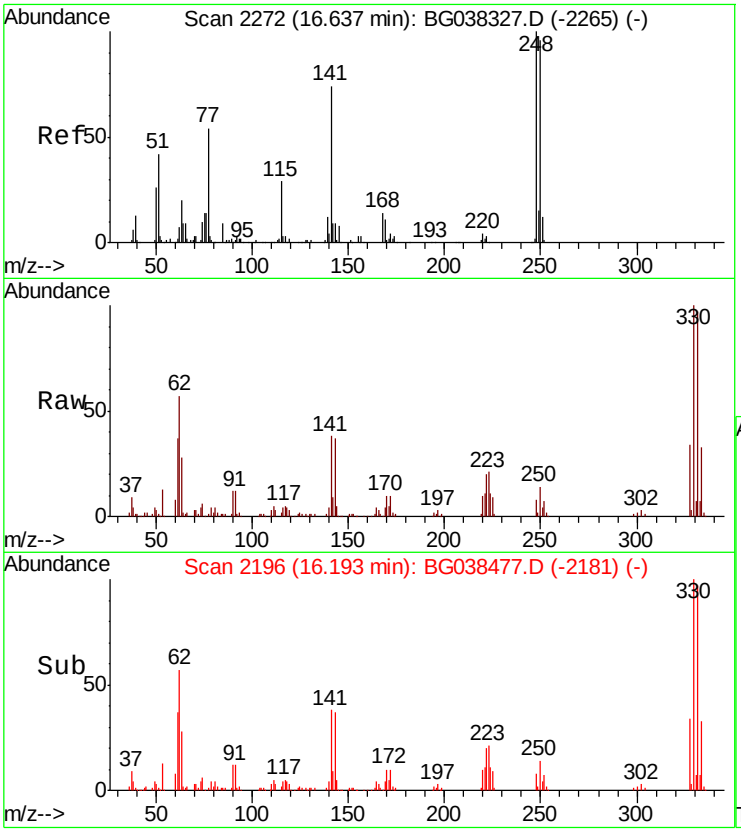


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:188 Resp: 174870

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	7.7	7.7	11.5#



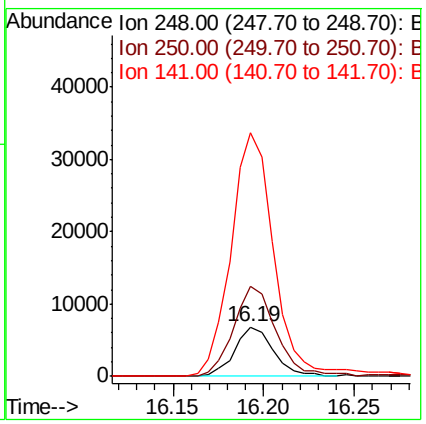


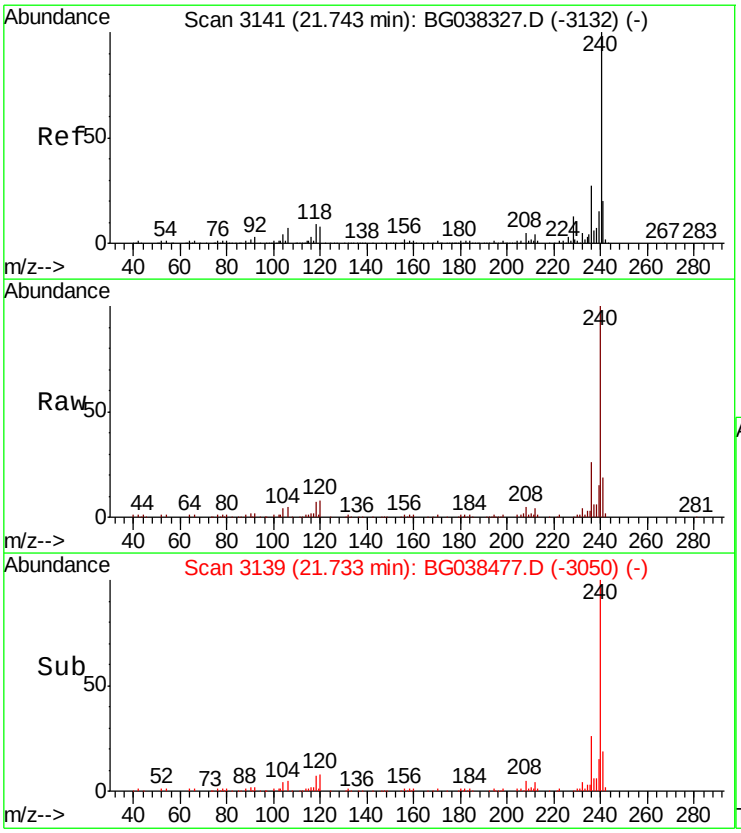
#67
4-Bromophenyl-phenylether
Concen: 5.422 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.44 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:248 Resp: 10239

Ion	Ratio	Lower	Upper
248	100		
250	176.0	77.0	115.6#
141	374.1	55.5	83.3#

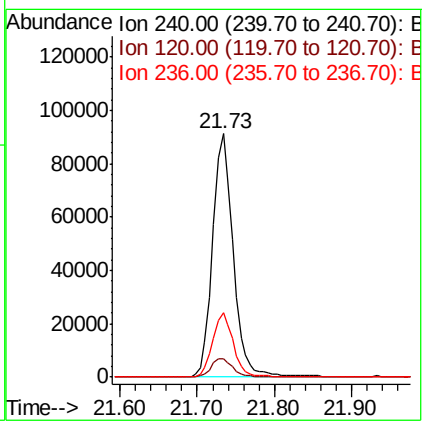


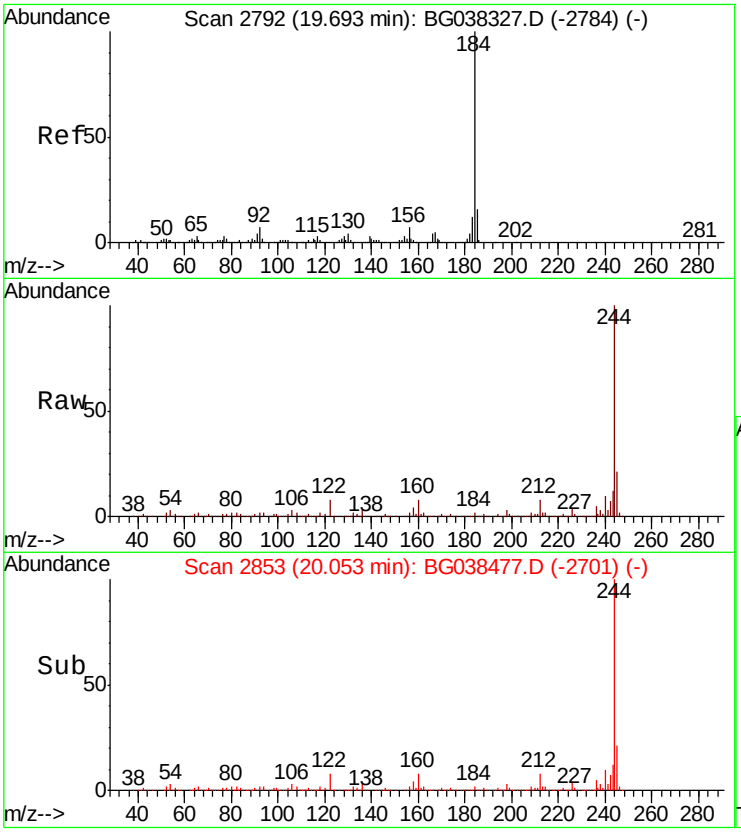


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:240 Resp: 169262

Ion	Ratio	Lower	Upper
240	100		
120	7.6	8.1	12.1#
236	26.3	21.4	32.0



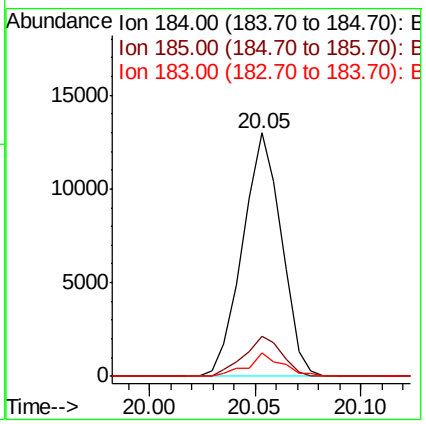


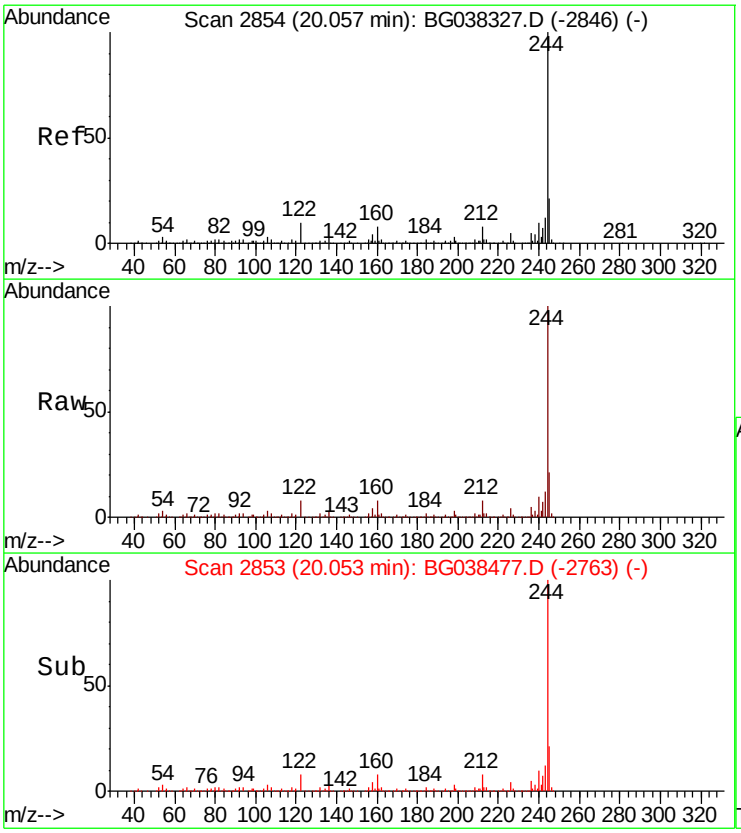
#77
Benzidine
Concen: 2.907 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:184 Resp: 16602

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	9.7	10.2	15.2#

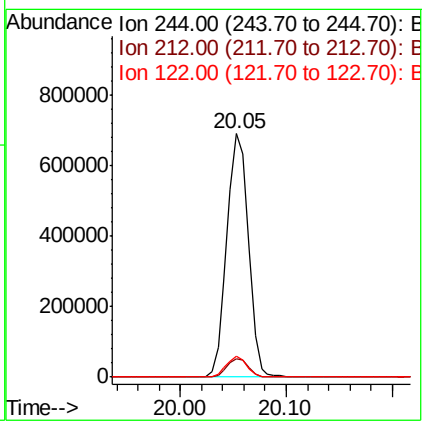


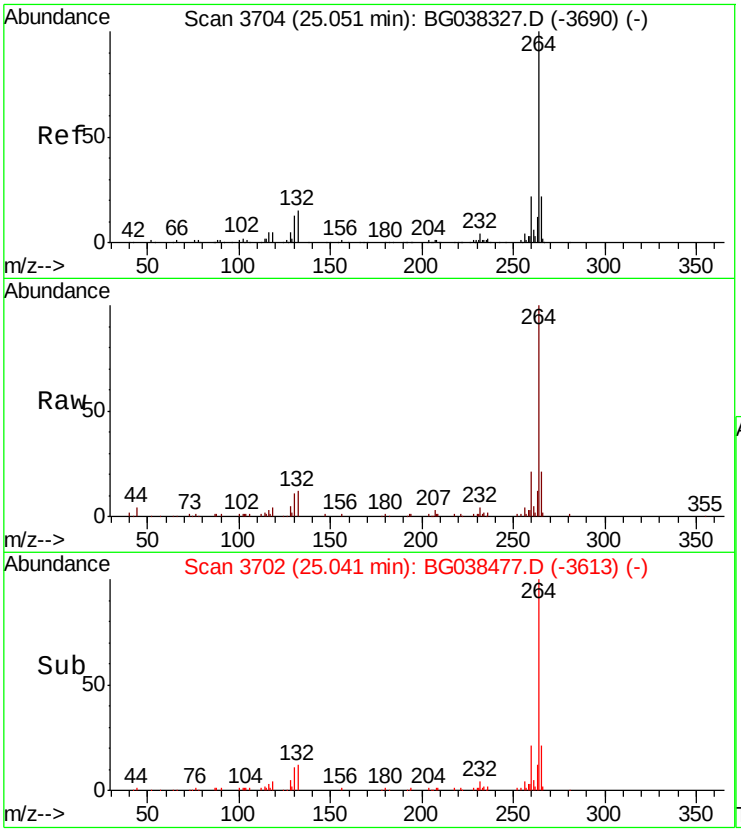


#79
Terphenyl-d14
Concen: 123.468 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:244 Resp: 975532

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	8.4	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tgt Ion:264 Resp: 161189

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	20.8	17.9	26.9