Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
Data File : BG038217.D
Acq On : 29 Nov 2018 2:27
Operator : JU/SJ
Sample : J6069-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 112318-TIPC-F-U-S

Quant Time: Nov 29 04:53:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33958	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	154162	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	98282	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	219145	20.00	ng		0.00
76) Chrysene-d12	21.75	240	207774	20.00	ng		0.00
87) Perylene-d12	25.07	264	200985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	89794	45.65	ng		0.00
7) Phenol-d6	7.23	99	79003	28.14	ng		0.00
23) Nitrobenzene-d5	9.26	82	286698	99.55	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	96859	86.41	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	659518	97.76	ng		0.00
79) Terphenyl-d14	20.07	244	922990	104.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.26	94	7755	2.608	ng		96
19) n-Nitroso-di-n-propylamine	9.26	70	36640	18.036	ng	#	74
50) Dimethylphthalate	14.16	163	29401	3.773	ng		99
51) 2,6-Dinitrotoluene	14.72	165	13062	7.407	ng	#	23
57) 2,4-Dinitrotoluene	14.72	165	13062	5.444	ng	#	23
67) 4-Bromophenyl-phenylether	16.21	248	6875	2.858	ng	#	1
77) Benzidine	20.07	184	17047	2.338	ng	#	94

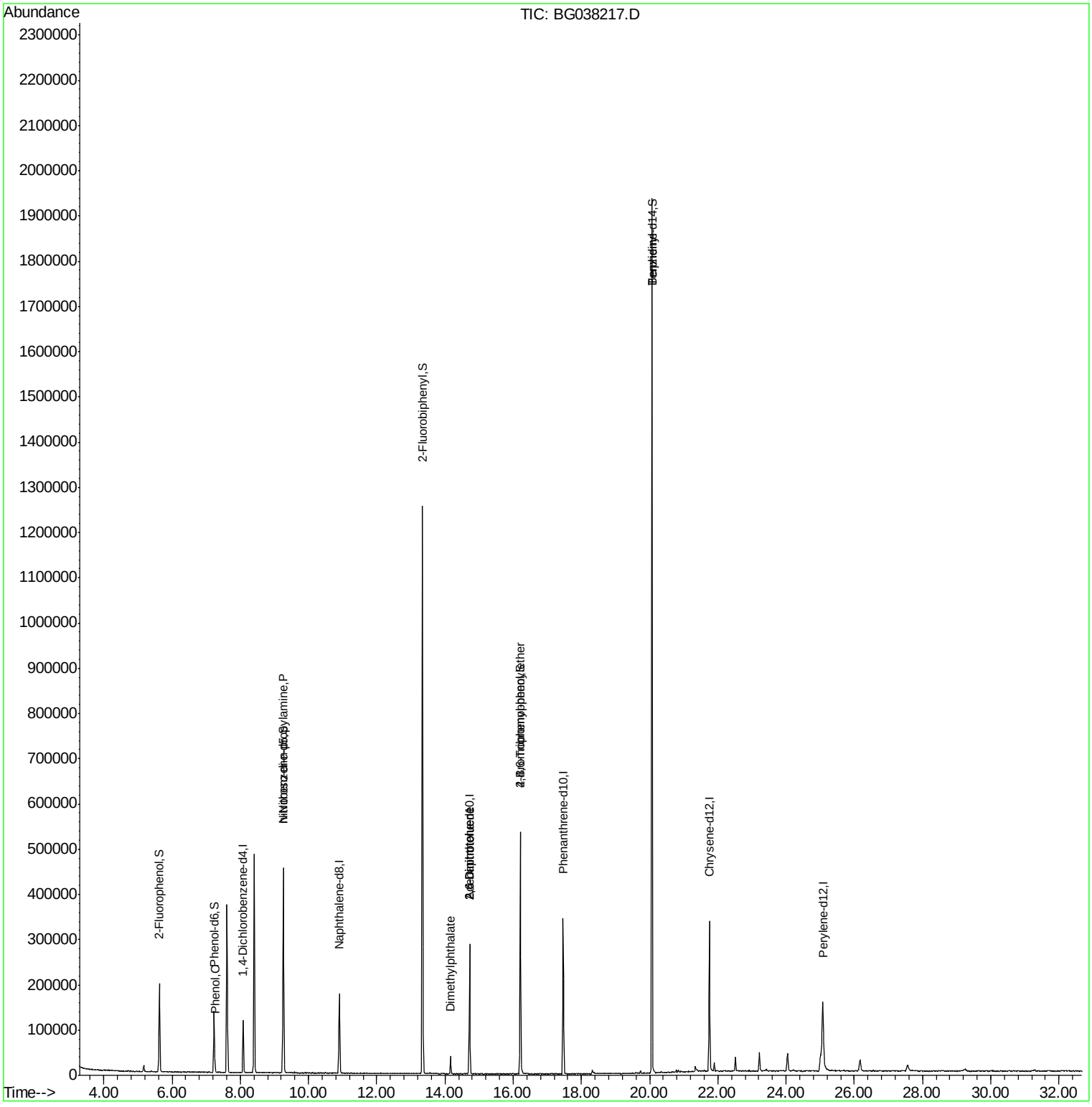
(#) = qualifier out of range (m) = manual integration (+) = signals summed

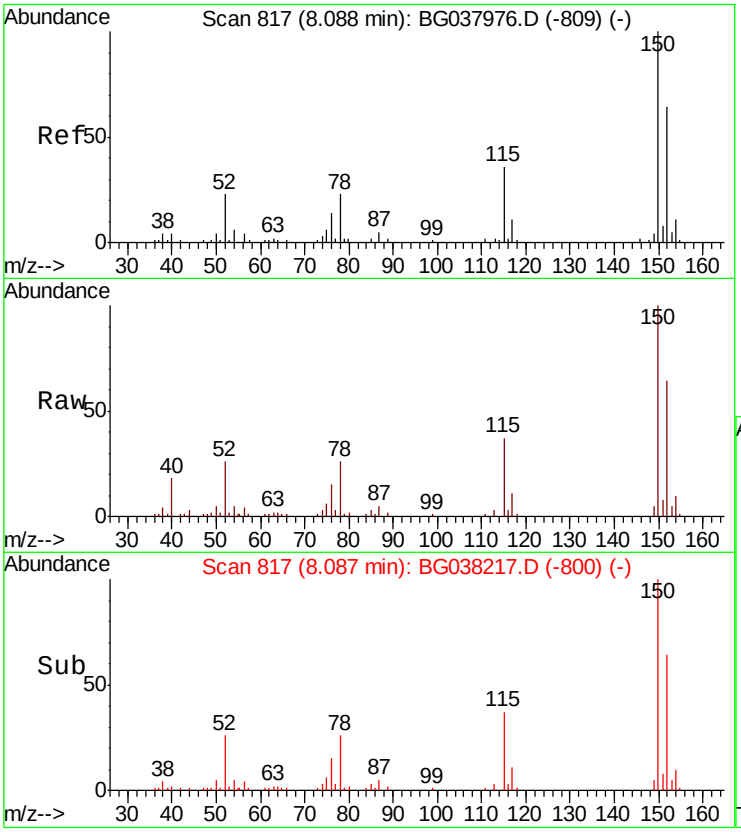
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
Data File : BG038217.D
Acq On : 29 Nov 2018 2:27
Operator : JU/SJ
Sample : J6069-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Quant Time: Nov 29 04:53:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



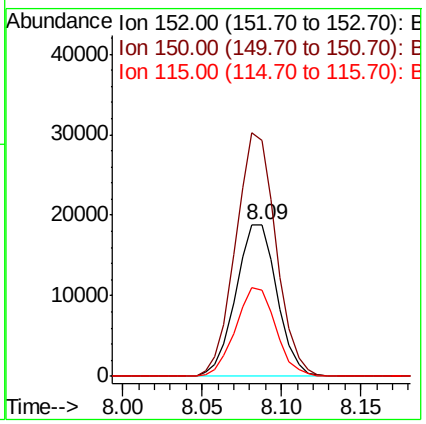


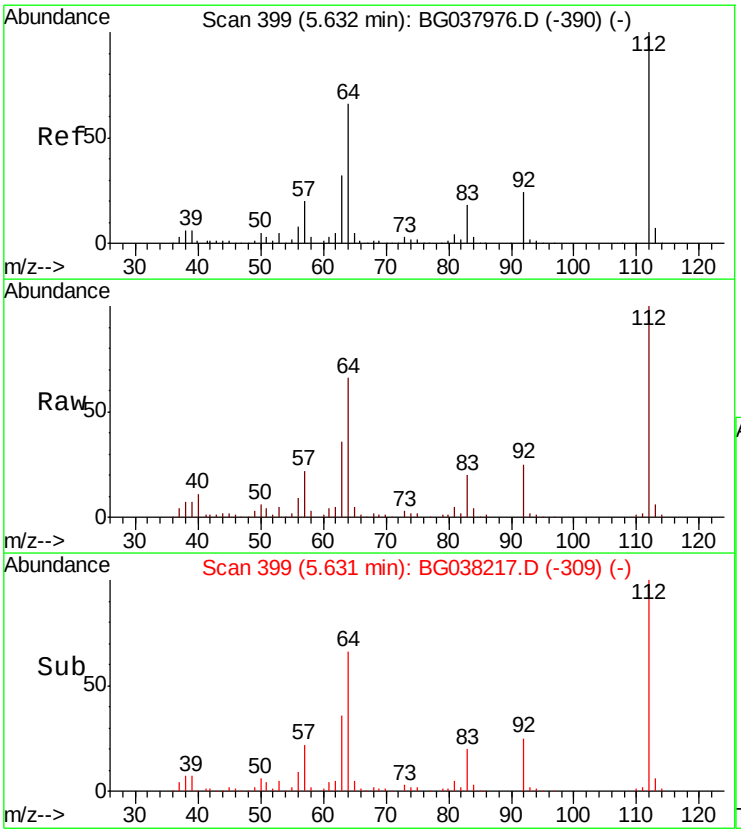
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:152 Resp: 33958

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.0	189.0
115	57.2	45.5	68.3

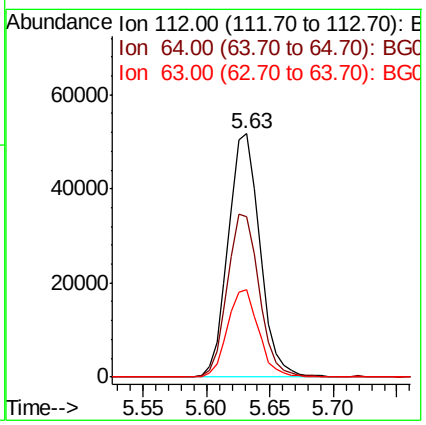


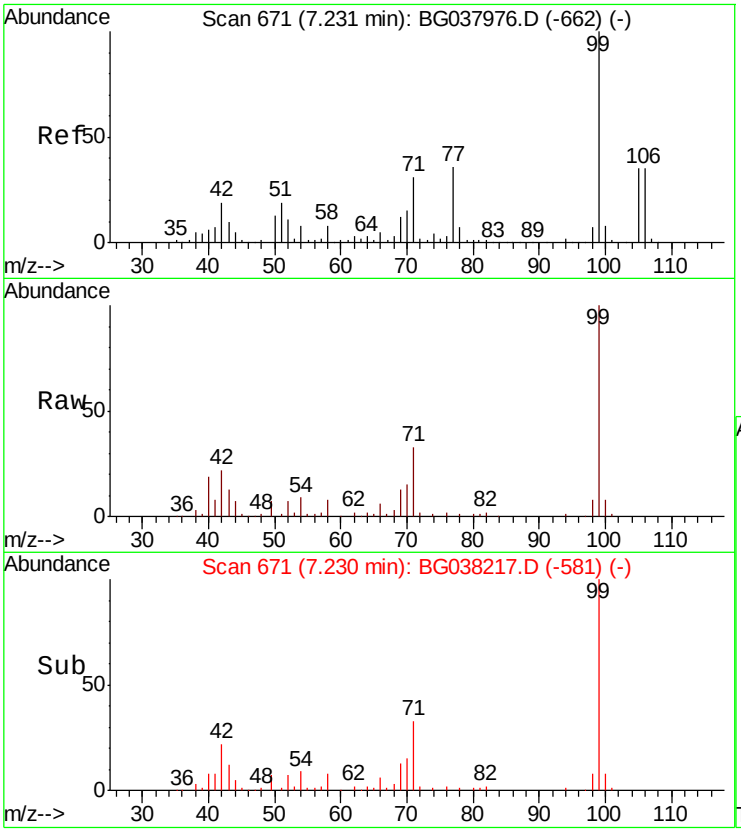


#5
2-Fluorophenol
Concen: 45.655 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:112 Resp: 89794

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.1	79.7
63	36.0	27.3	40.9



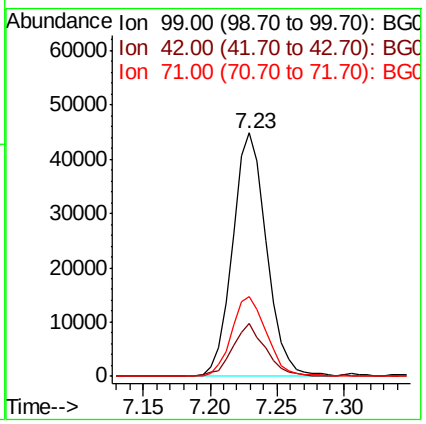


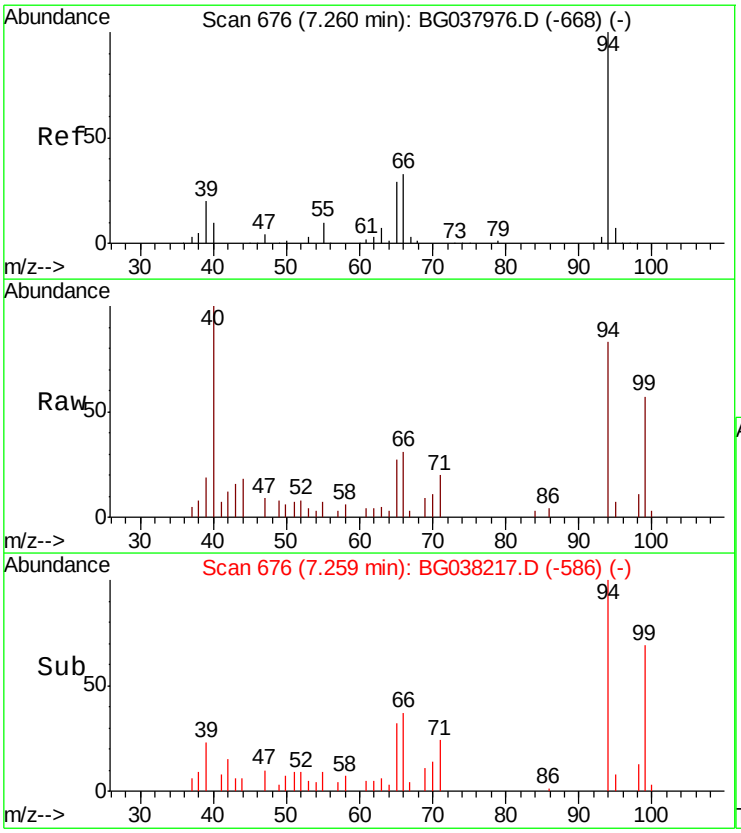
#7
Phenol-d6
Concen: 28.140 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion: 99 Resp: 79003

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.0	22.4
71	32.7	25.5	38.3

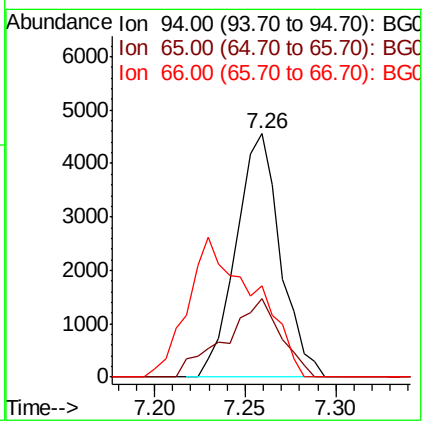


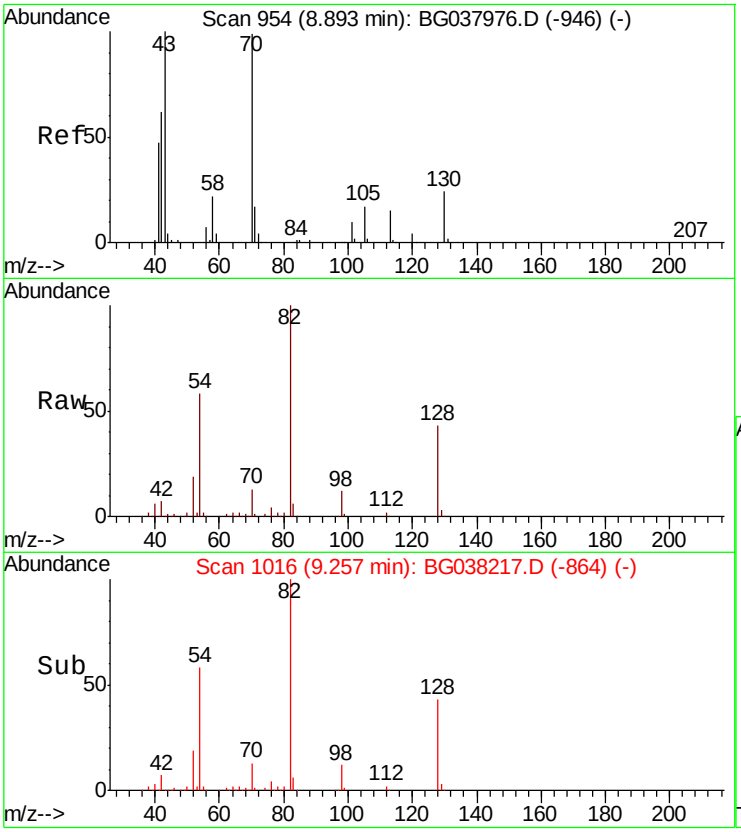


#10
Phenol
Concen: 2.608 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion: 94 Resp: 7755

Ion	Ratio	Lower	Upper
94	100		
65	32.3	9.7	49.7
66	37.4	15.9	55.9



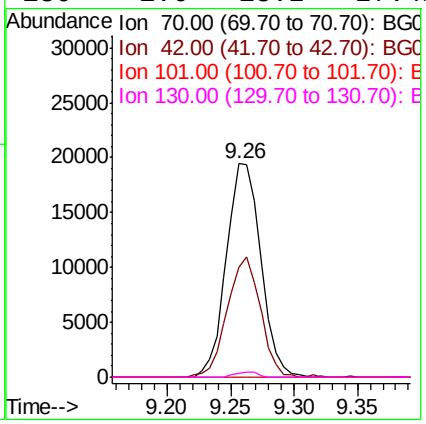


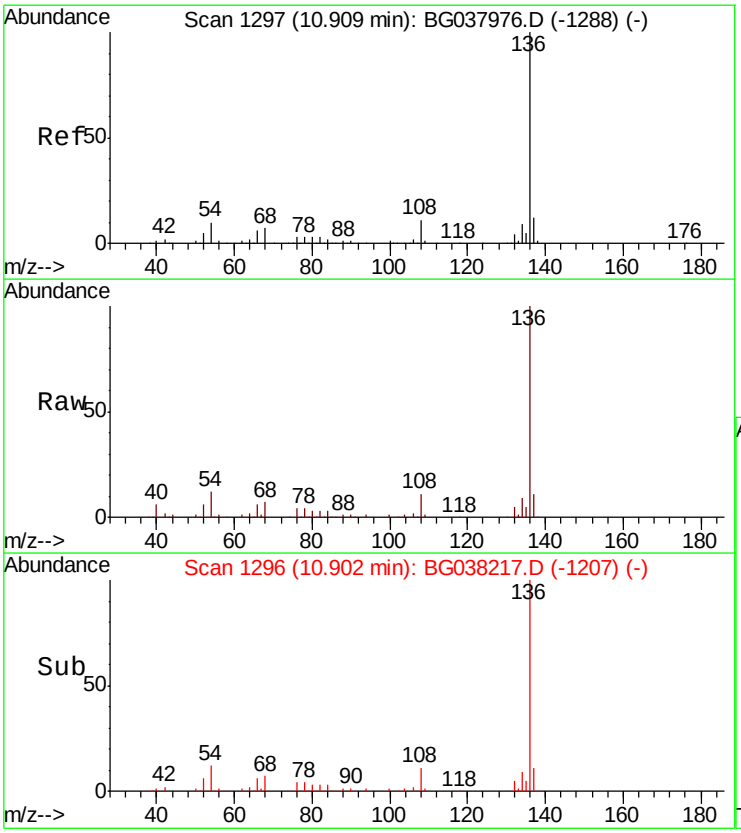
#19
n-Nitroso-di-n-propylamine
Concen: 18.036 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion: 70 Resp: 36640

Ion	Ratio	Lower	Upper
70	100		
42	51.7	53.9	80.9#
101	0.0	8.2	12.2#
130	1.6	18.2	27.4#

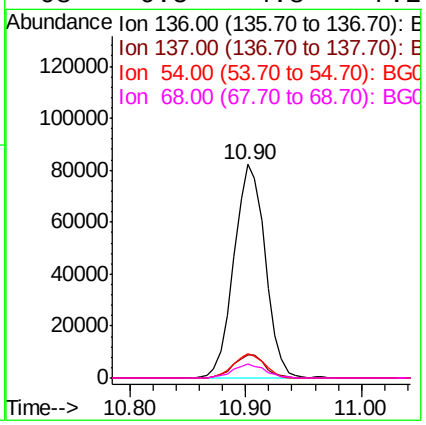


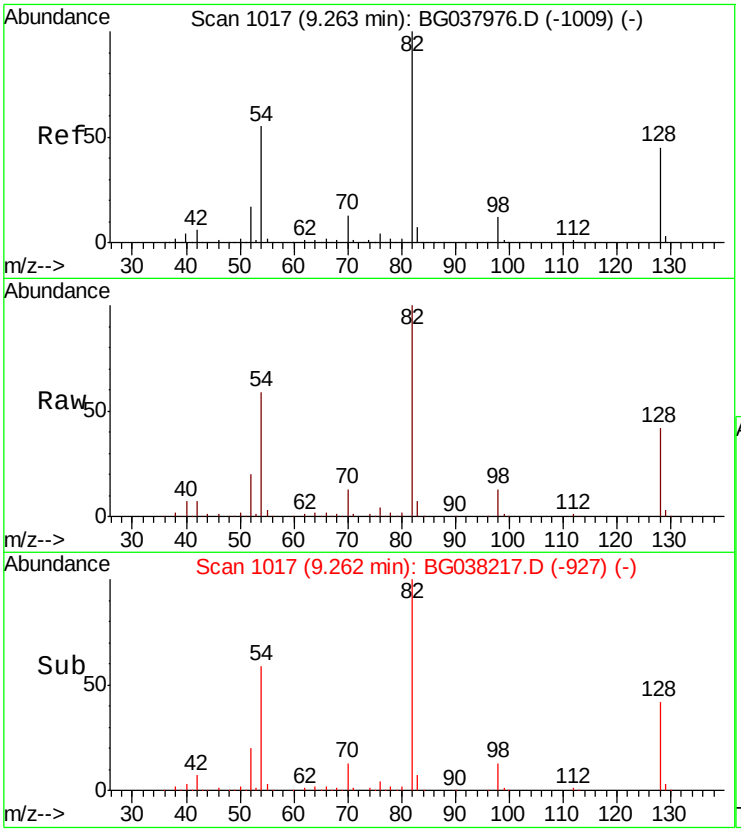


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:136 Resp: 154162

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	11.5	7.9	11.9
68	6.5	4.8	7.2



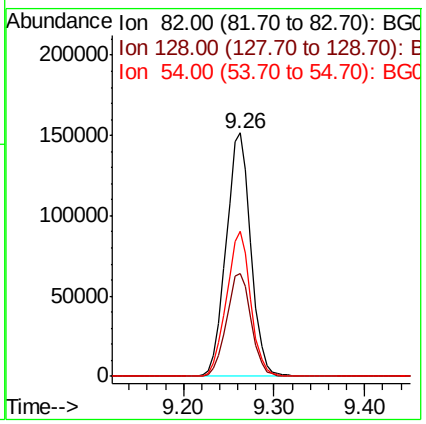


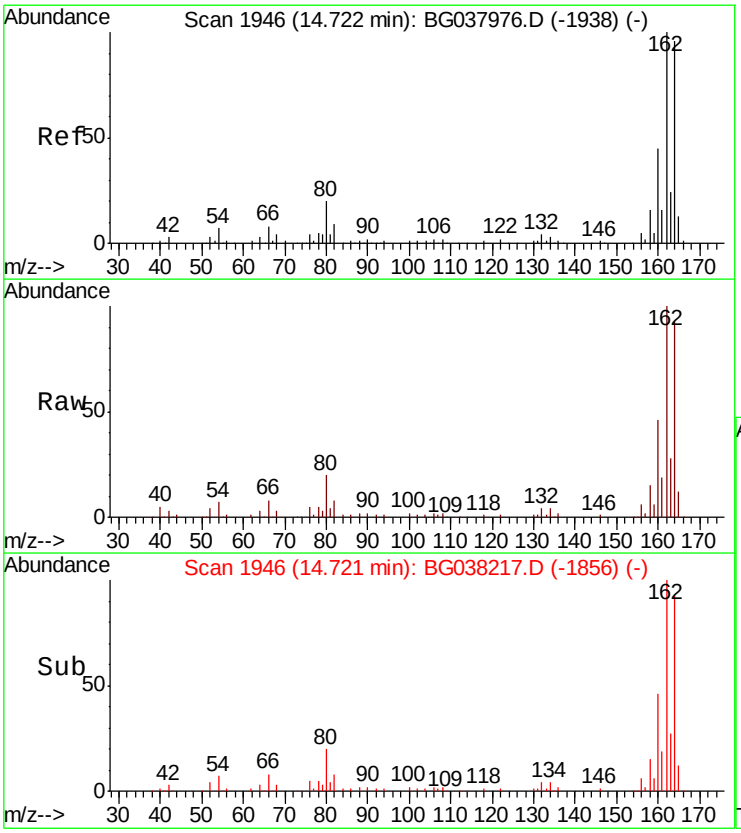
#23
Nitrobenzene-d5
Concen: 99.551 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion: 82 Resp: 286698

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	51.8
54	59.5	45.3	67.9

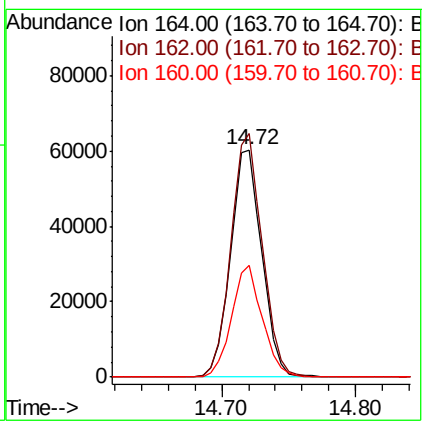


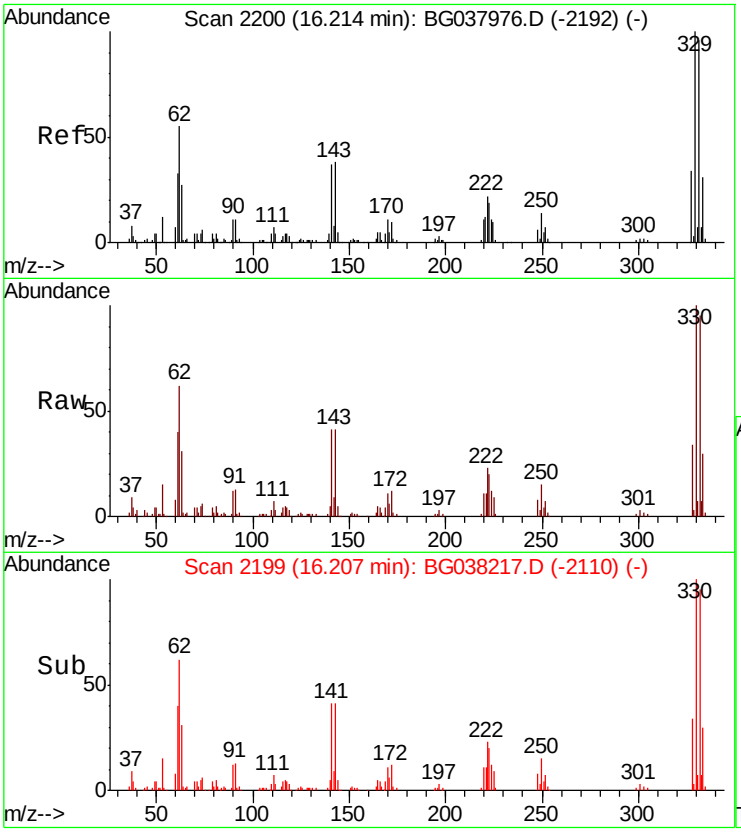


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:164 Resp: 98282

Ion	Ratio	Lower	Upper
164	100		
162	107.1	81.3	121.9
160	49.4	36.3	54.5



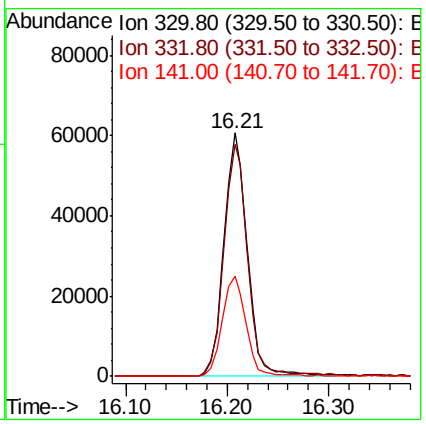


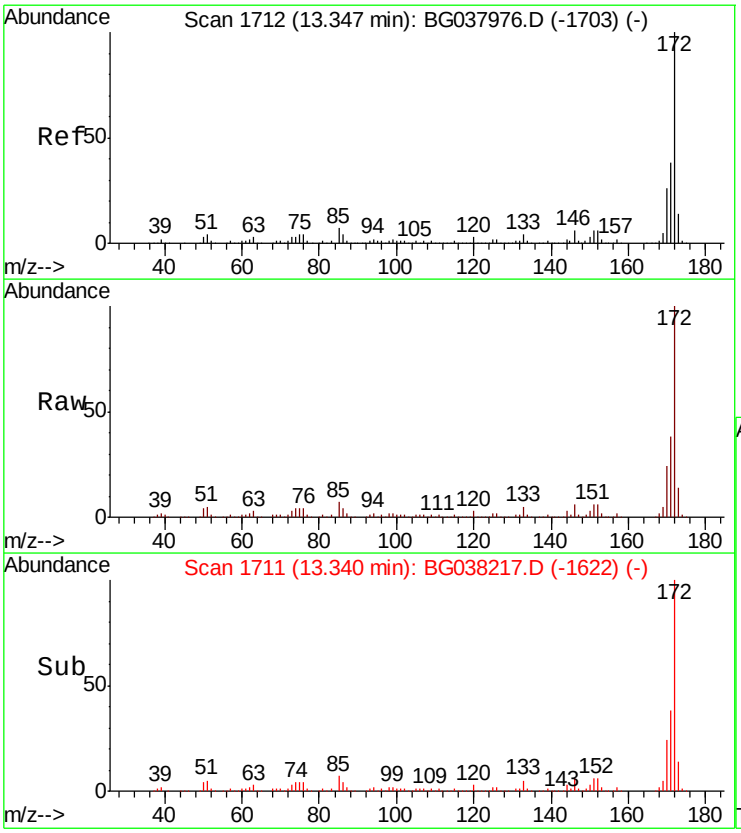
#42
2,4,6-Tribromophenol
Concen: 86.413 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:330 Resp: 96859

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	42.2	32.2	48.2

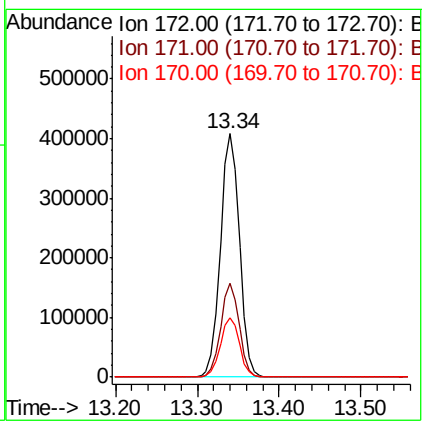


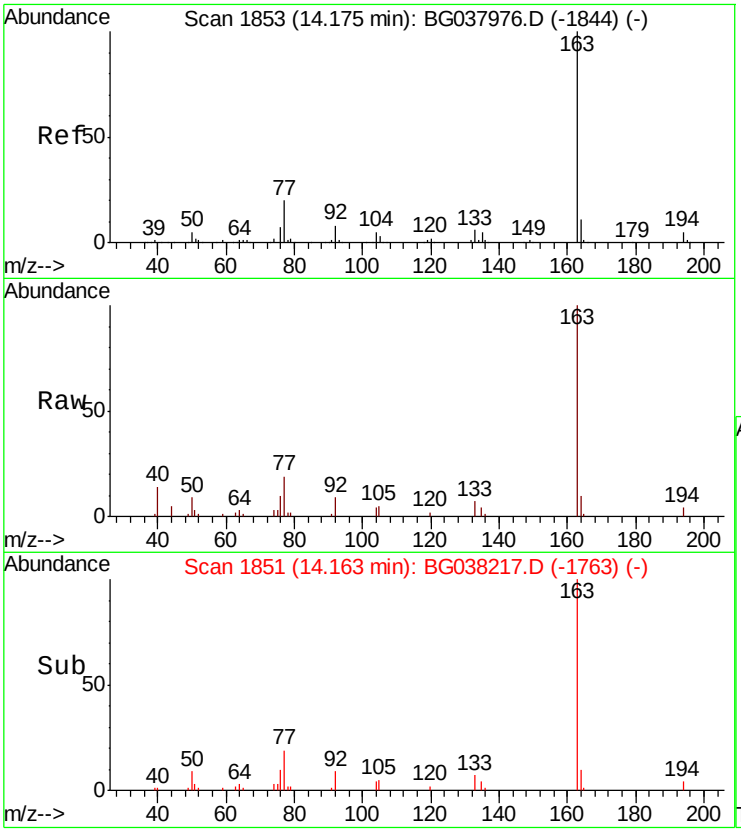


#45
2-Fluorobiphenyl
Concen: 97.761 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:172 Resp: 659518

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	24.1	20.2	30.2



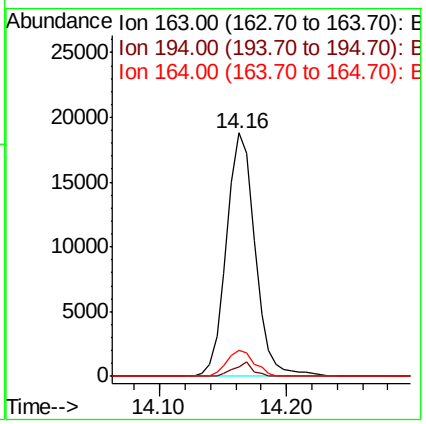


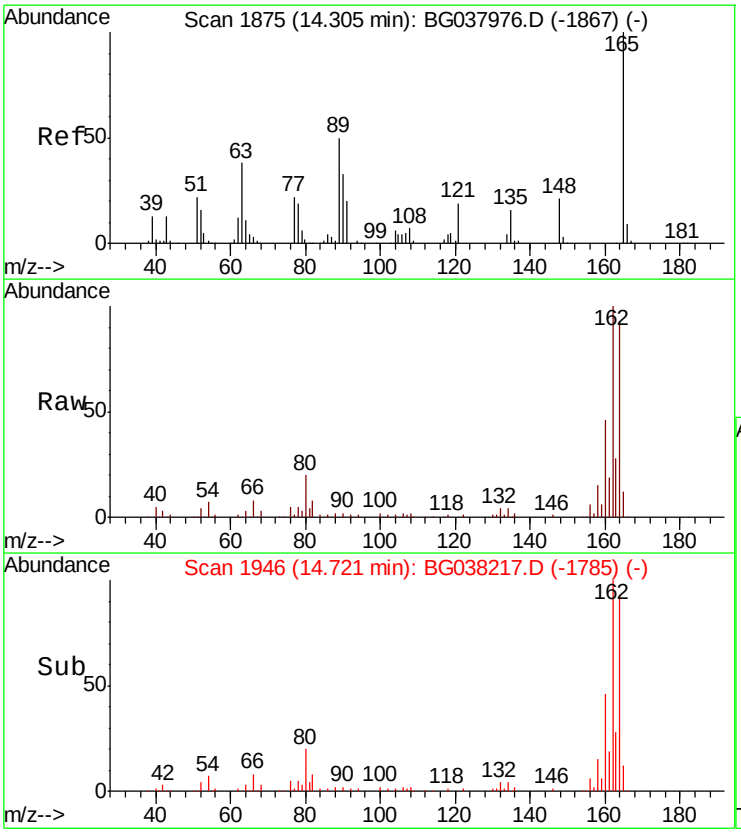
#50
Dimethylphthalate
Concen: 3.773 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:163 Resp: 29401

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.5	8.5	12.7

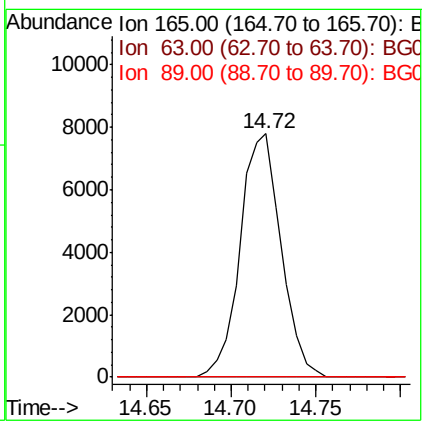


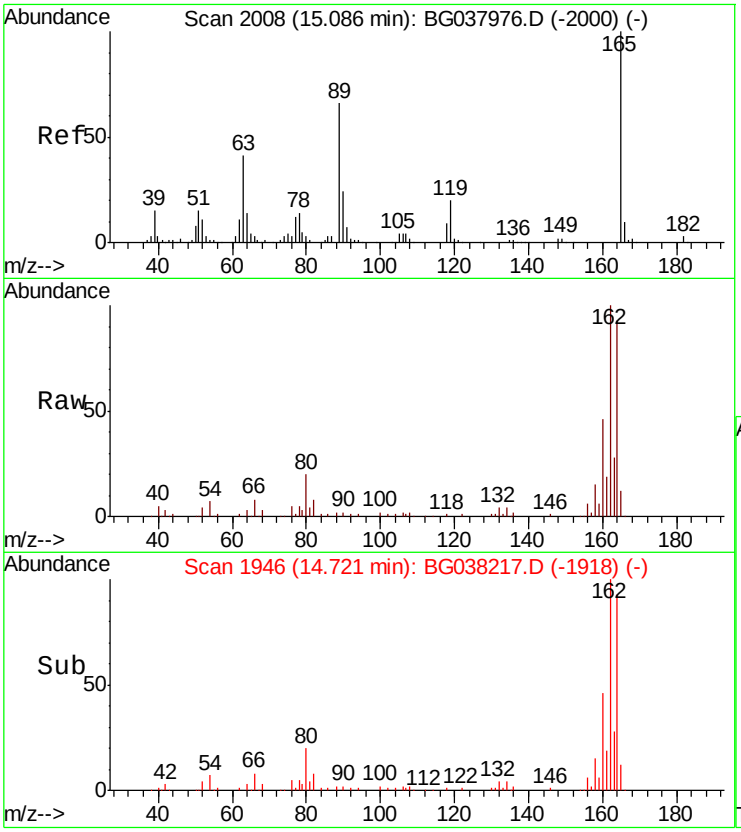


#51
2,6-Dinitrotoluene
Concen: 7.407 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:165 Resp: 13062

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



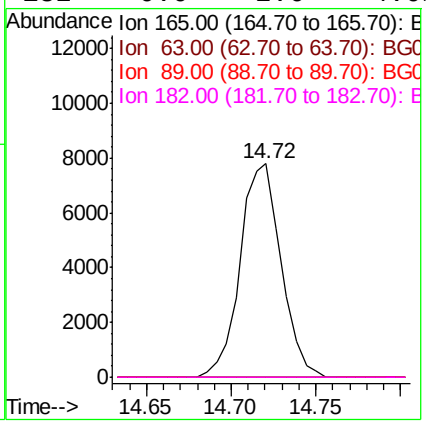


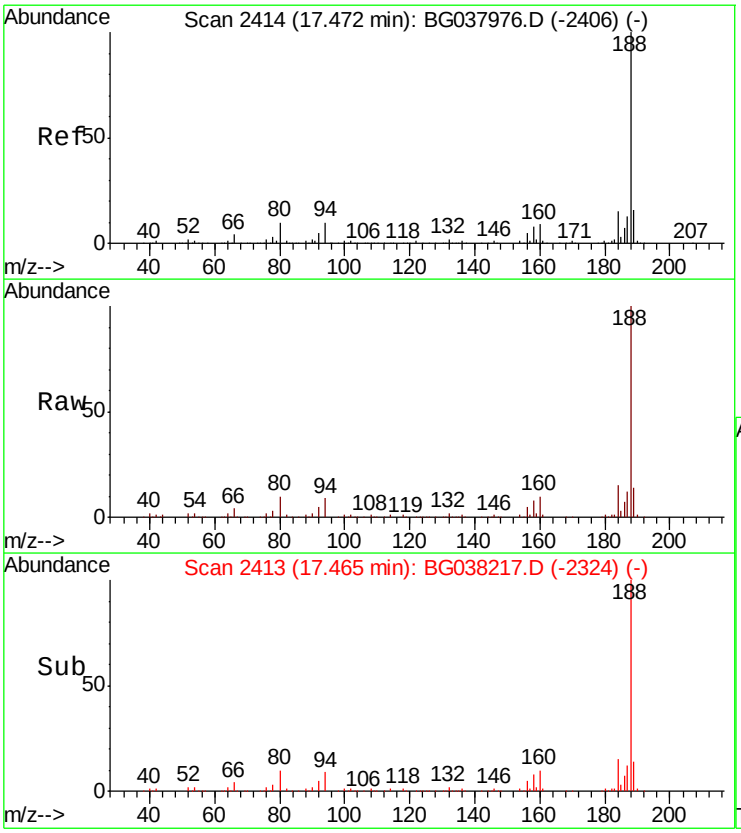
#57
2,4-Dinitrotoluene
Concen: 5.444 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.37 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:165 Resp: 13062

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#

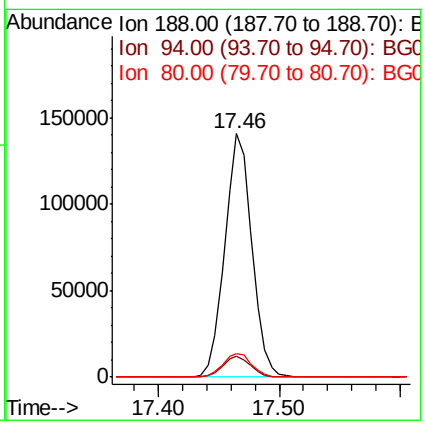


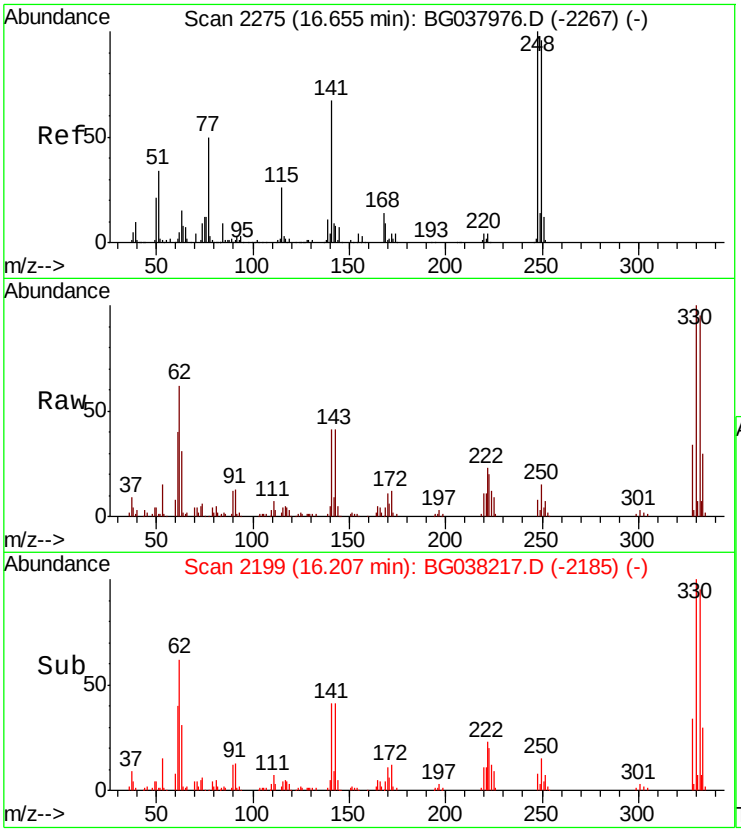


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:188 Resp: 219145

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	7.7	11.5



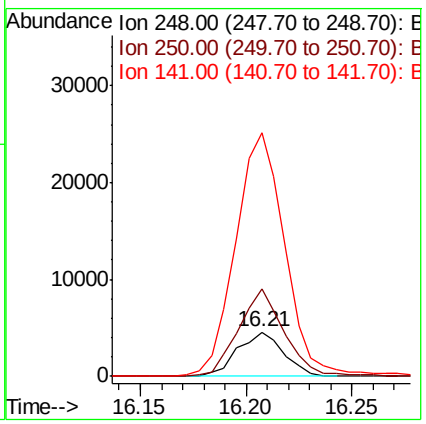


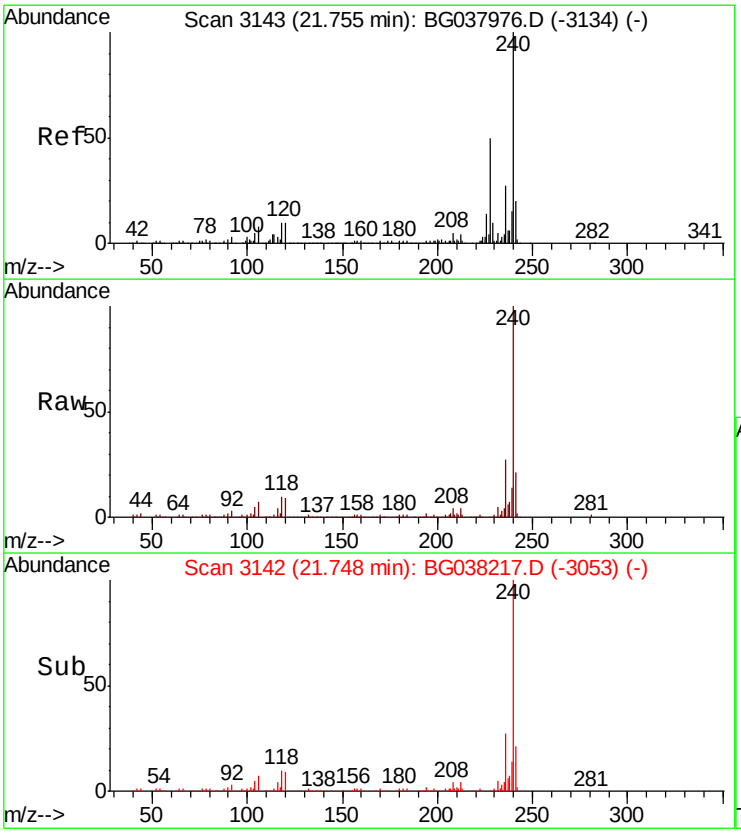
#67
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:248 Resp: 6875

Ion	Ratio	Lower	Upper
248	100		
250	181.7	77.0	115.6#
141	403.9	55.5	83.3#

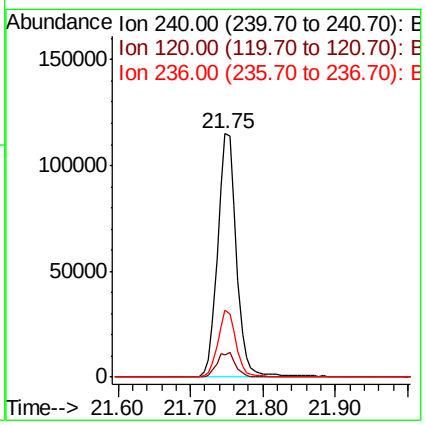


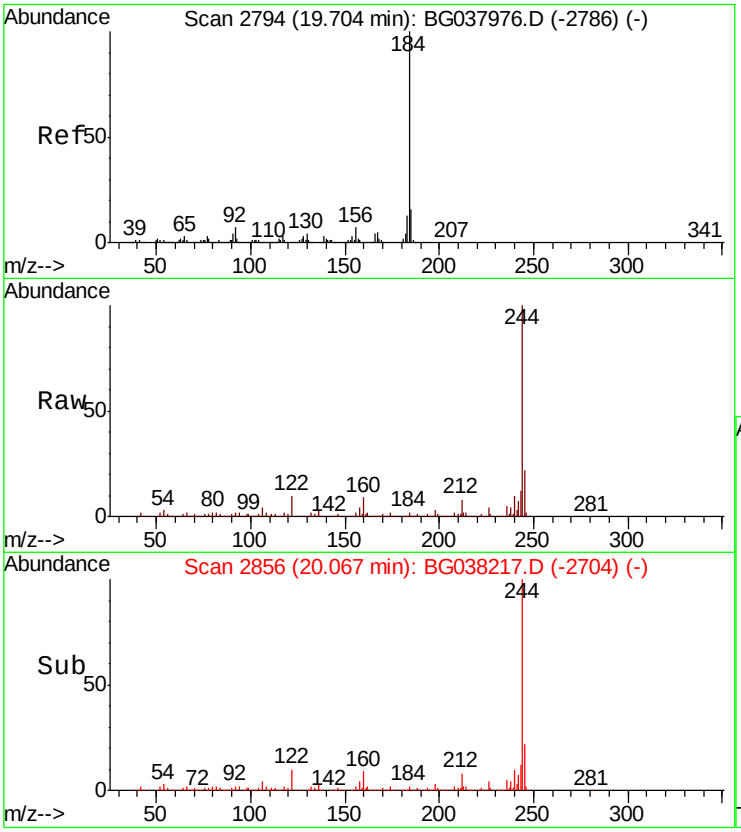


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:240 Resp: 207774

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.1	12.1
236	27.5	21.4	32.0



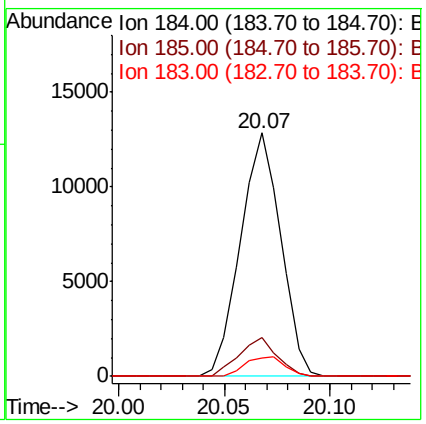


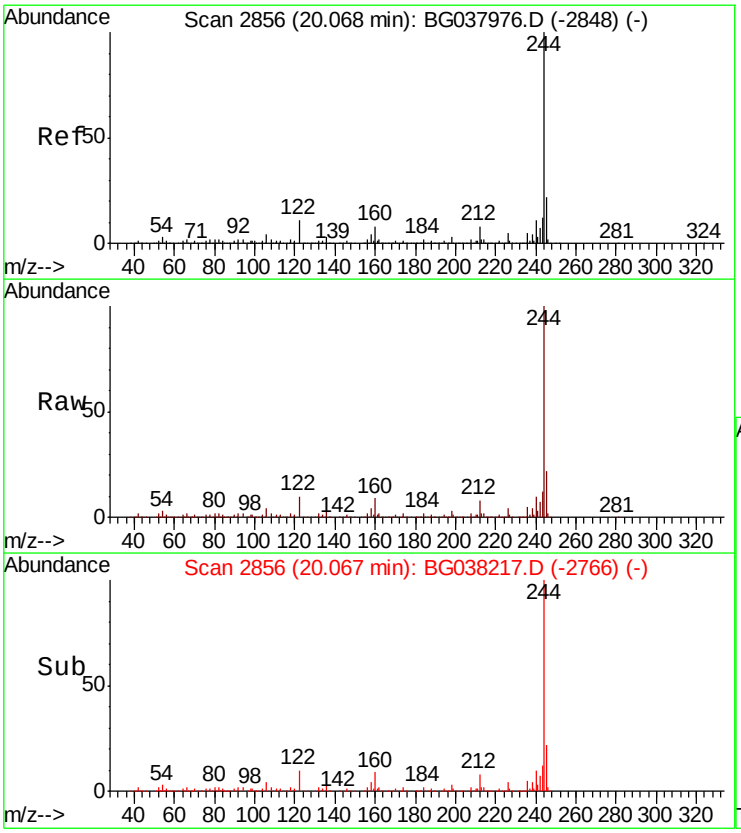
#77
Benzidine
Concen: 2.338 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:184 Resp: 17047

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	7.6	10.2	15.2#

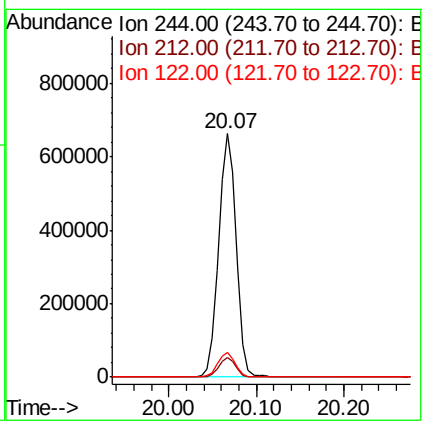


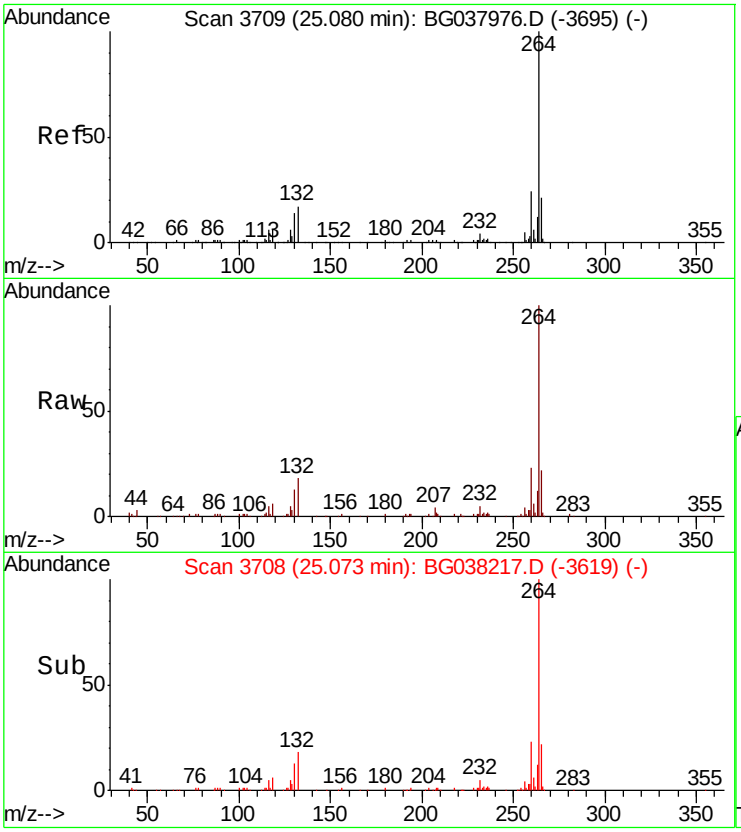


#79
Terphenyl-d14
Concen: 104.527 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:244 Resp: 922990

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:264 Resp: 200985

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.3	17.9	26.9