Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038255.D
Acq On : 30 Nov 2018 13:25
Operator : JU/SJ
Sample : J6083-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-2

Quant Time: Nov 30 14:07:17 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	8.08	152	32266	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	143122	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	87467	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	196840	20.00	ng		0.00
76) Chrysene-d12	21.75	240	186820	20.00	ng		0.00
87) Perylene-d12	25.08	264	110172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	228061	122.04	ng		0.00
7) Phenol-d6	7.23	99	288340	108.09	ng		0.00
23) Nitrobenzene-d5	9.26	82	228385	85.42	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	71559	71.74	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	474108	78.97	ng		0.00
79) Terphenyl-d14	20.06	244	792951	99.87	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	30788	15.951	ng	#	75
31) Naphthalene	10.95	128	16842	2.393	ng		98
32) Benzoic acid	10.22	122	140	12.412	ng	#	45
51) 2,6-Dinitrotoluene	14.72	165	10879	6.932	ng	#	27
57) 2,4-Dinitrotoluene	14.72	165	10879	5.095	ng	#	27
67) 4-Bromophenyl-phenylether	16.20	248	4797	2.220	ng	#	1
77) Benzidine	20.06	184	13794	2.104	ng		95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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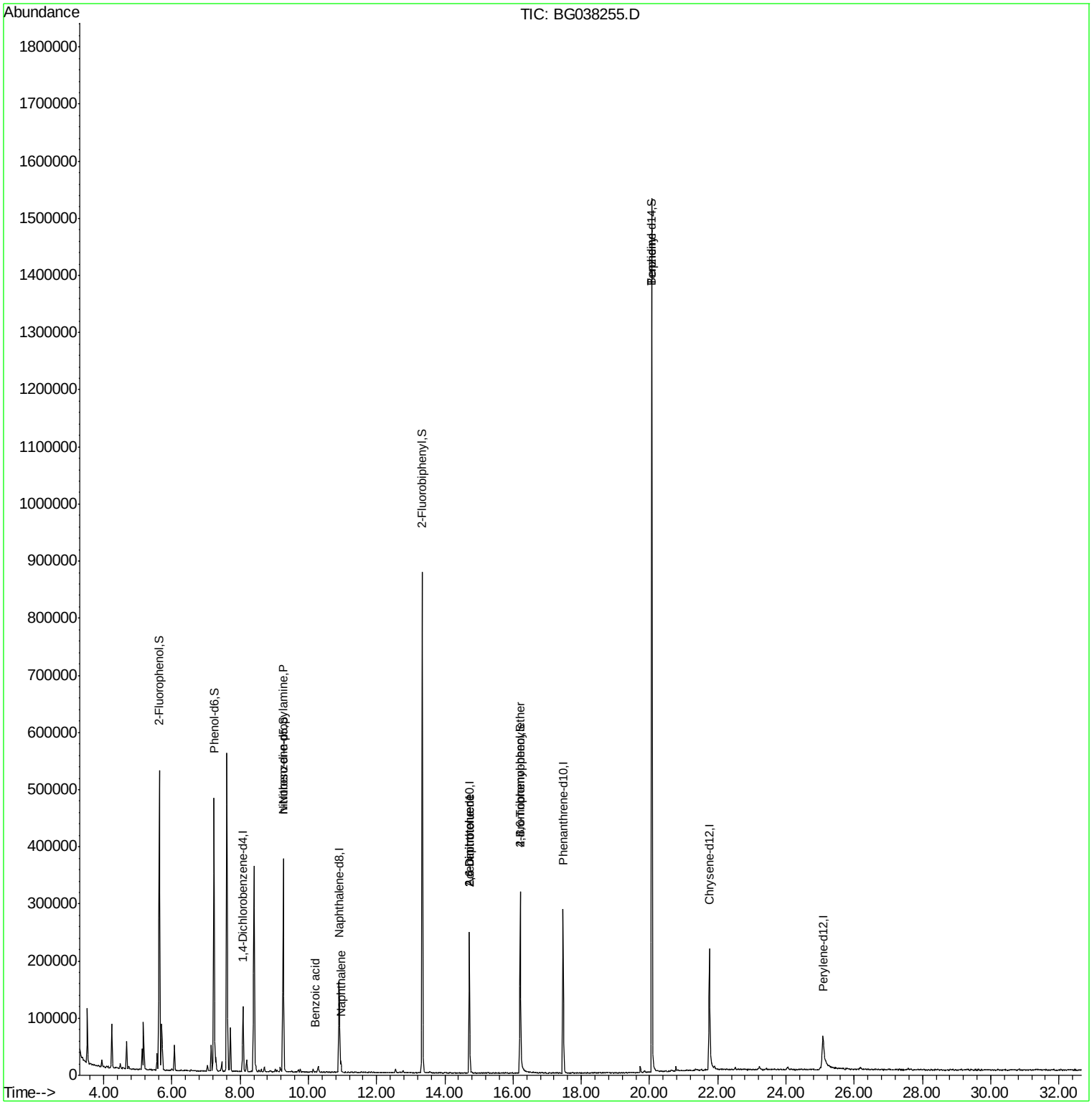
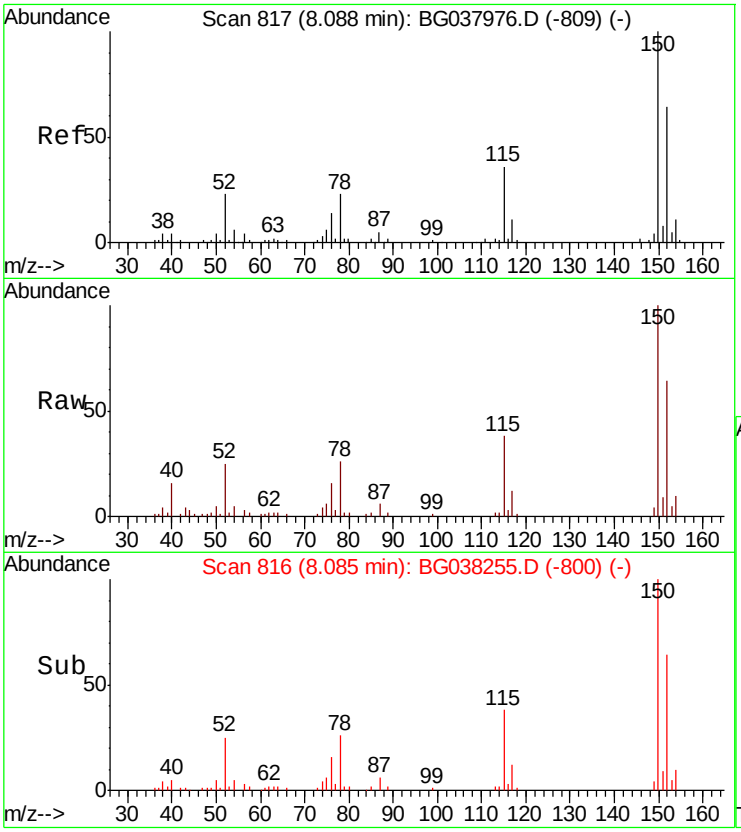


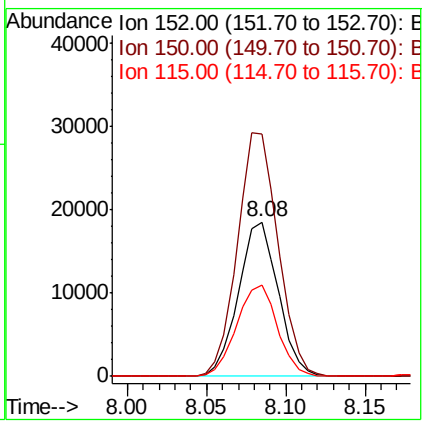


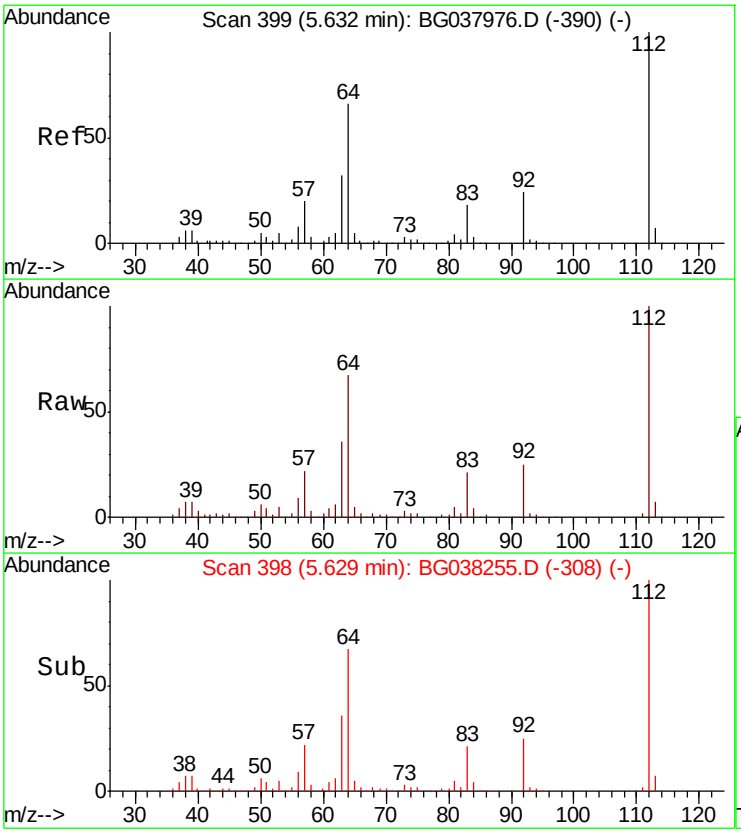
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 32266

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.0	189.0
115	59.5	45.5	68.3

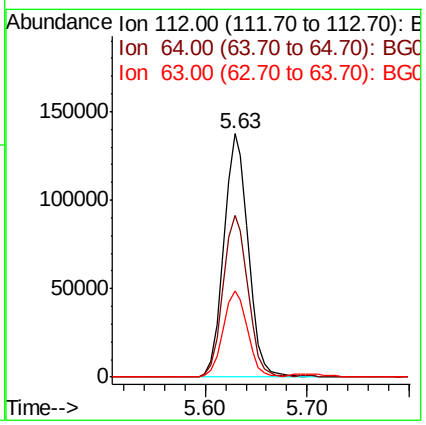


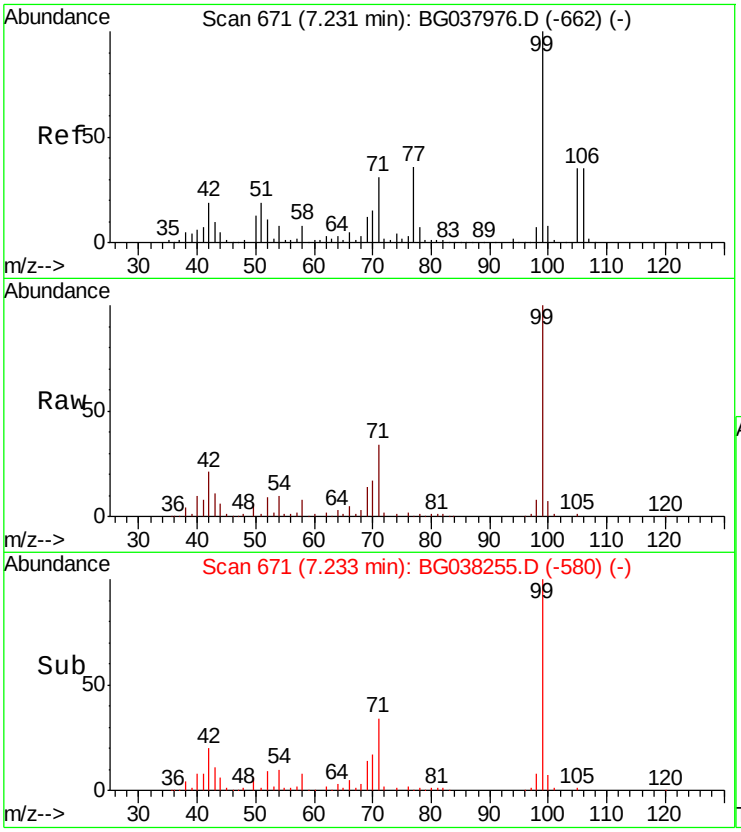


#5
2-Fluorophenol
Concen: 122.036 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion:112 Resp: 228061

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	35.6	27.3	40.9



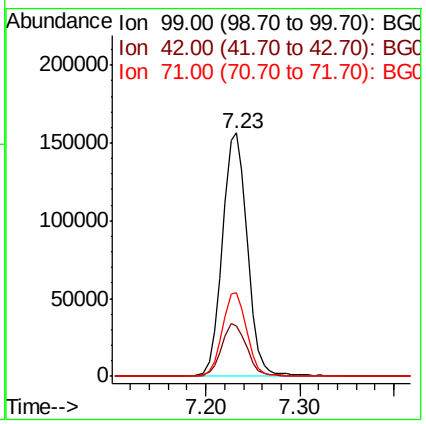


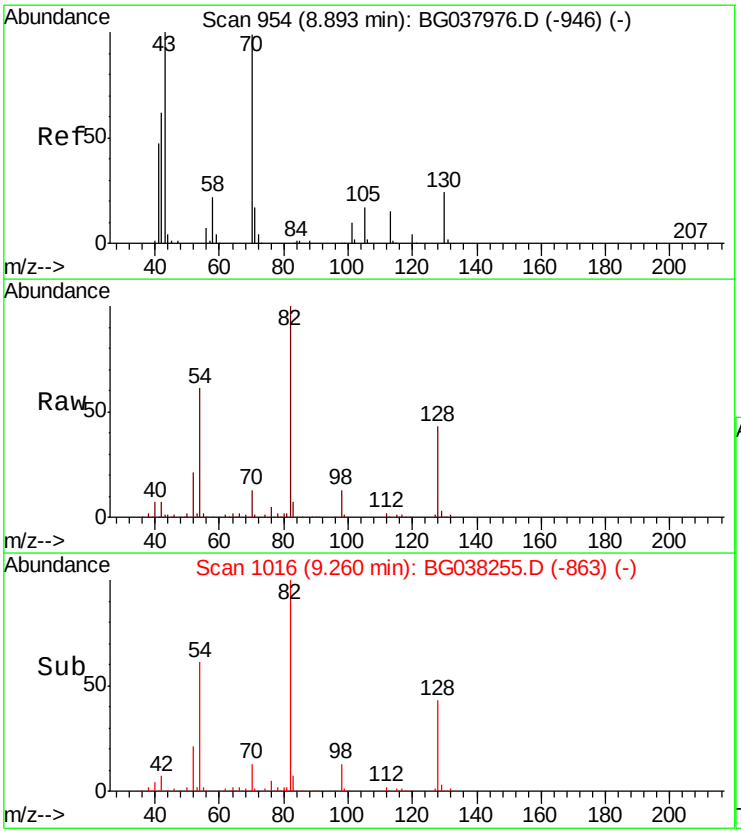
#7
Phenol-d6
Concen: 108.090 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 288340

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.0	22.4
71	34.5	25.5	38.3

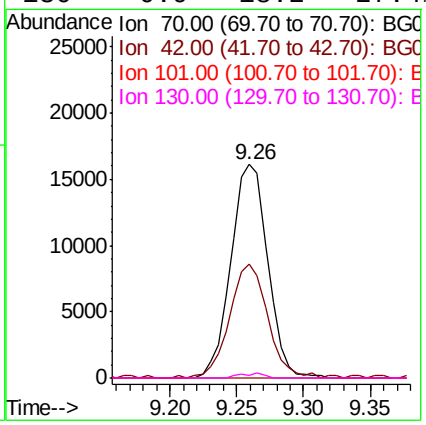


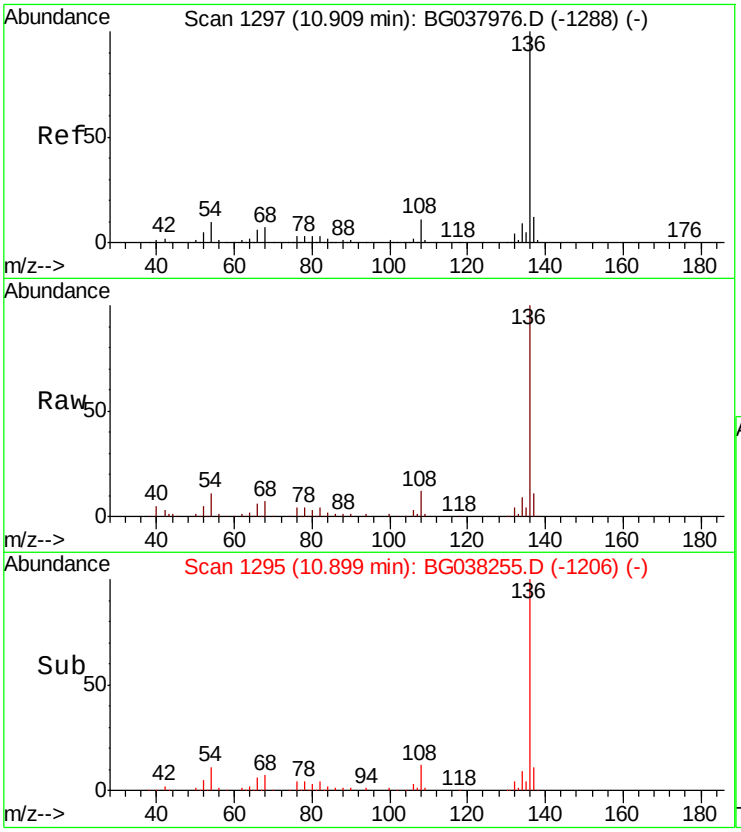


#19
n-Nitroso-di-n-propylamine
Concen: 15.951 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.37 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion: 70 Resp: 30788

Ion	Ratio	Lower	Upper
70	100		
42	53.1	53.9	80.9#
101	0.0	8.2	12.2#
130	0.9	18.2	27.4#



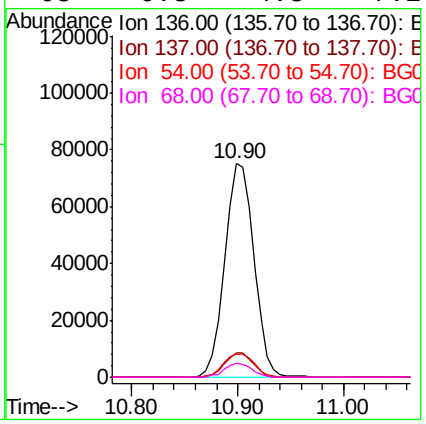


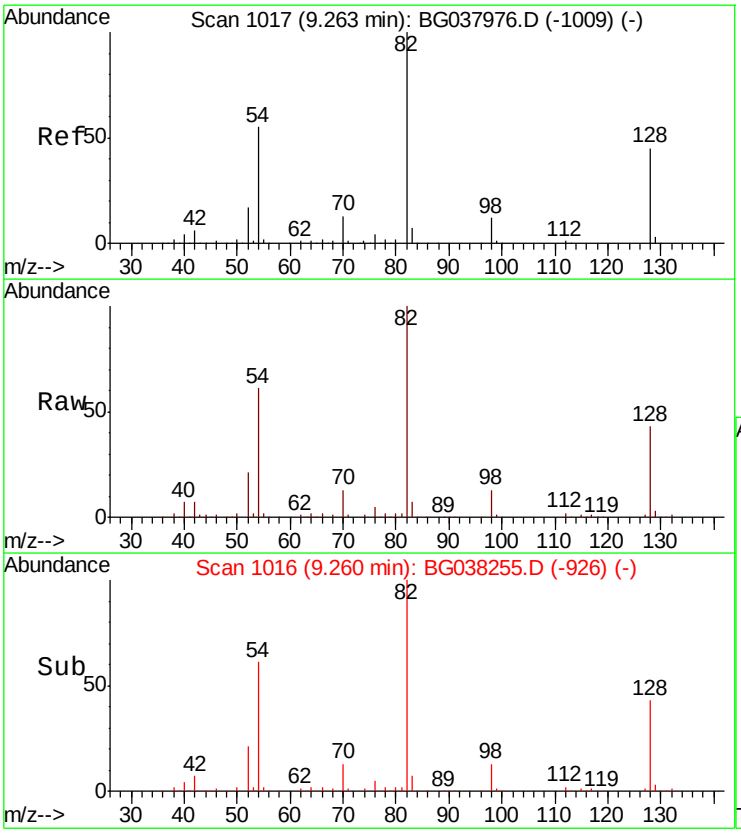
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:136 Resp: 143122

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.1	7.9	11.9
68	6.8	4.8	7.2

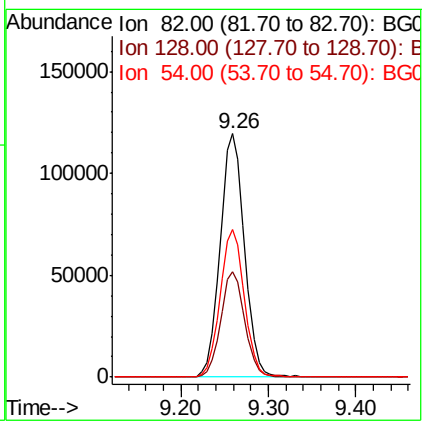


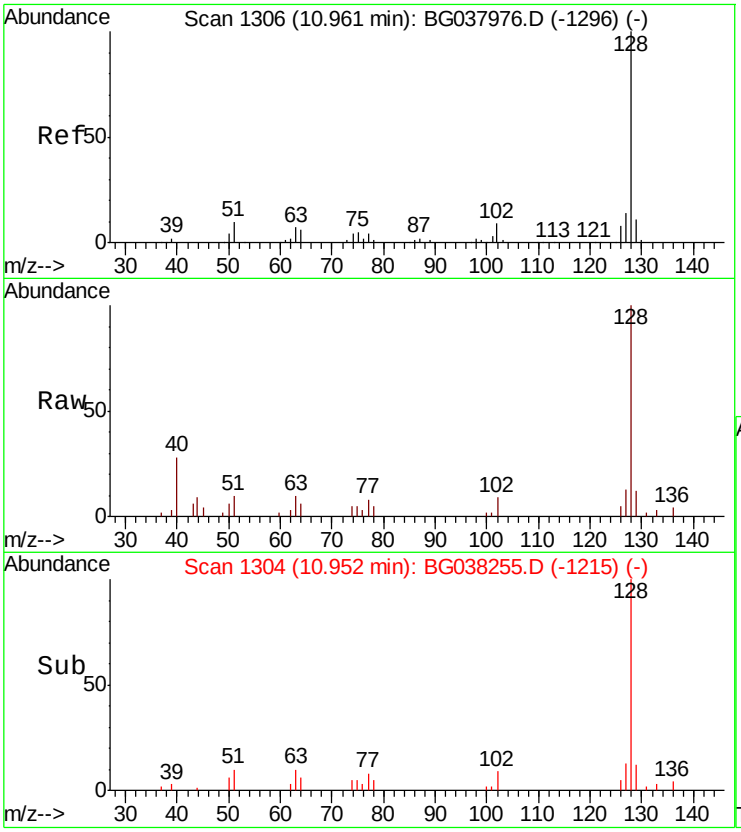


#23
Nitrobenzene-d5
Concen: 85.420 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion: 82 Resp: 228385

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	60.6	45.3	67.9



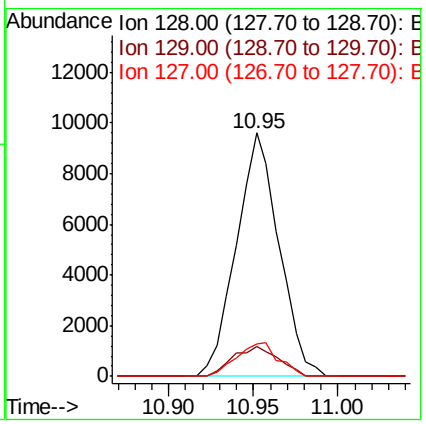


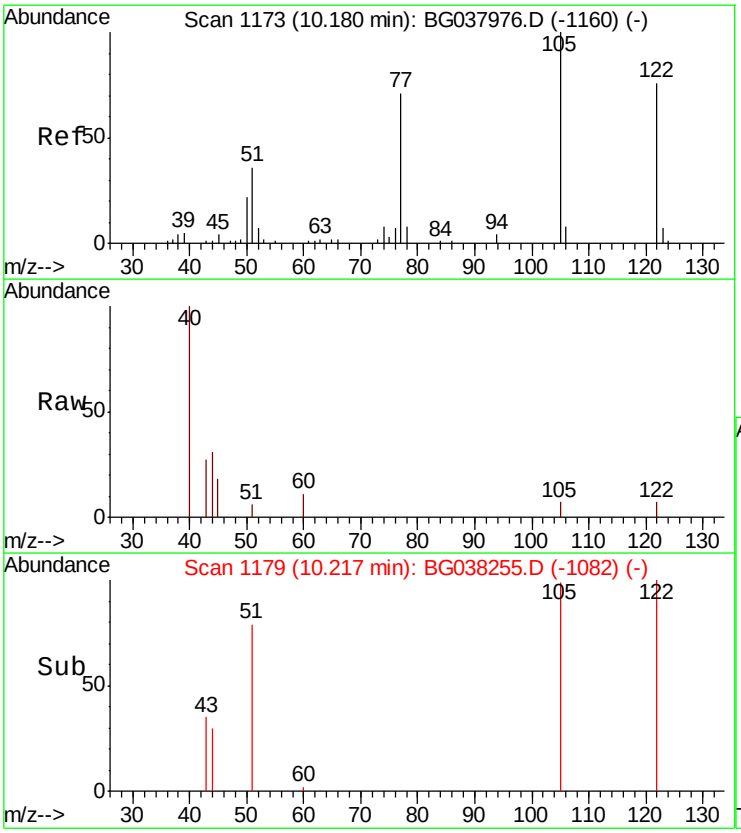
#31
Naphthalene
Concen: 2.393 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:128 Resp: 16842

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	13.1	11.1	16.7

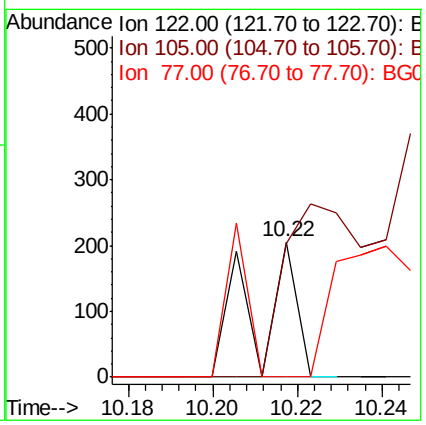


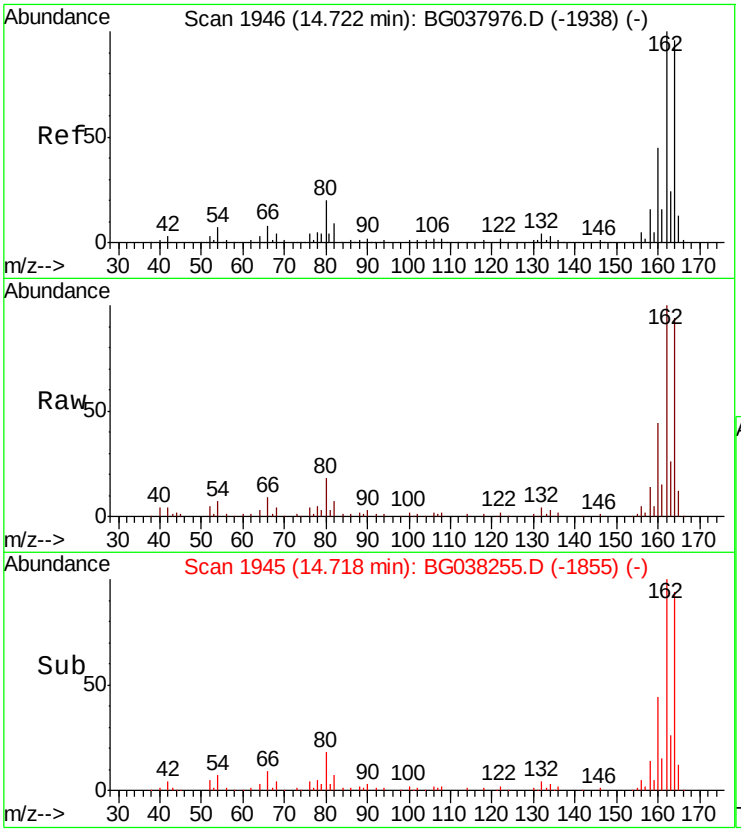


#32
Benzoic acid
Concen: 12.412 ng
RT: 10.22 min Scan# 1179
Delta R.T. 0.04 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion:122 Resp: 140

Ion	Ratio	Lower	Upper
122	100		
105	99.0	106.7	146.7#
77	0.0	72.2	112.2#



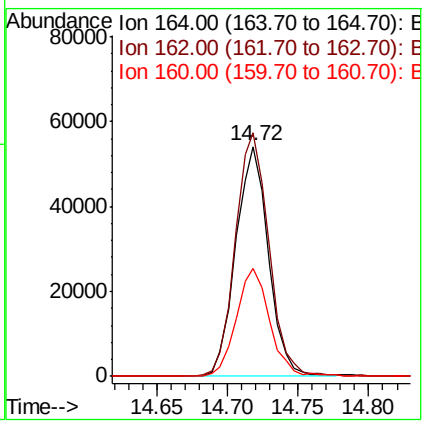


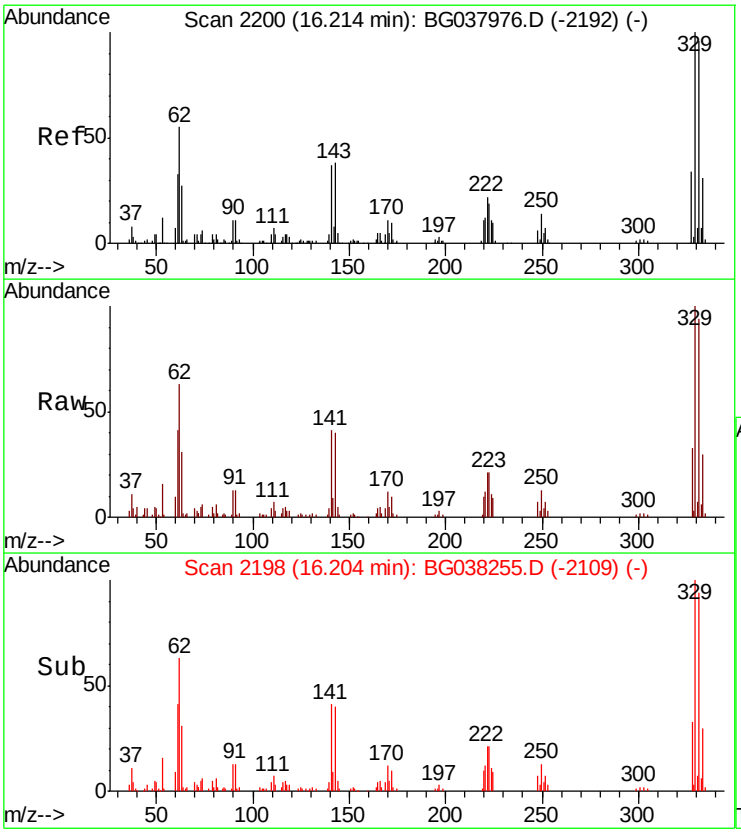
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:164 Resp: 87467

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.3	121.9
160	47.1	36.3	54.5

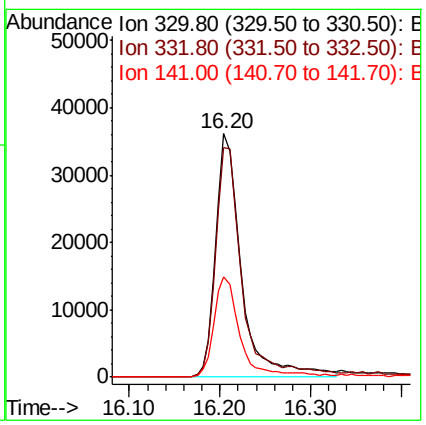


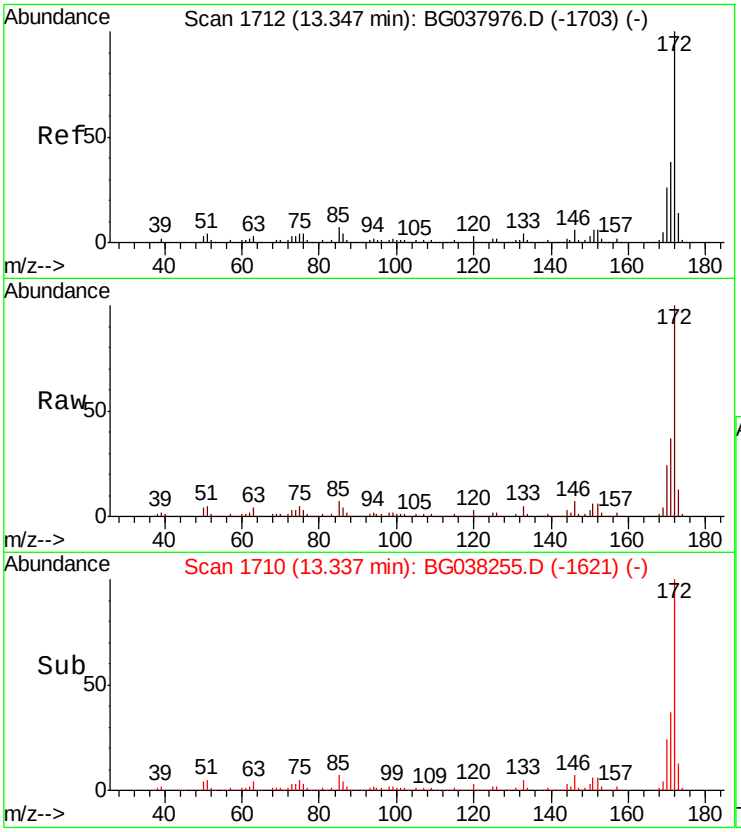


#42
2,4,6-Tribromophenol
Concen: 71.735 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion:330 Resp: 71559

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.4	117.6
141	39.8	32.2	48.2



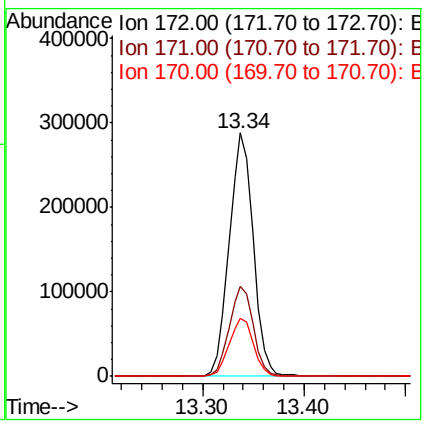


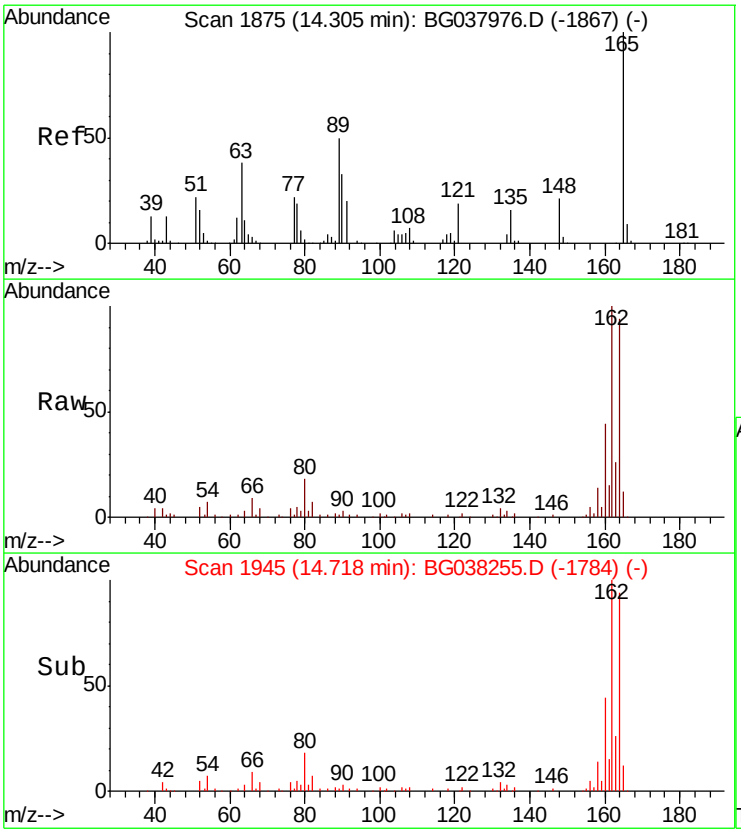
#45
2-Fluorobiphenyl
Concen: 78.967 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:172 Resp: 474108

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.0	20.2	30.2

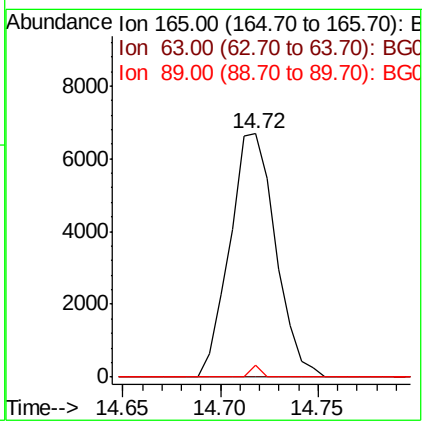


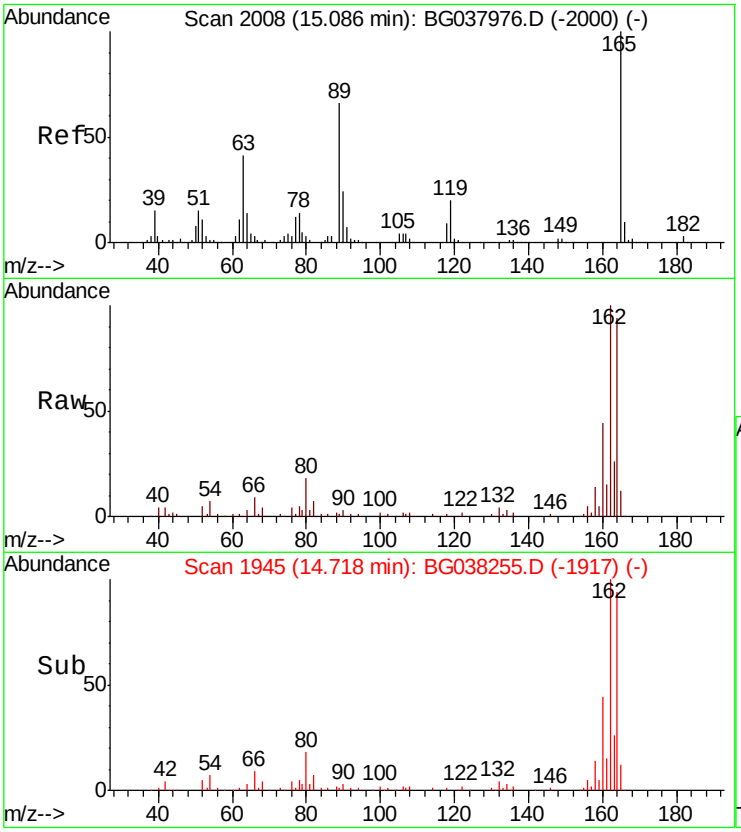


#51
2,6-Dinitrotoluene
Concen: 6.932 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion:165 Resp: 10879

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	4.7	45.8	68.6#



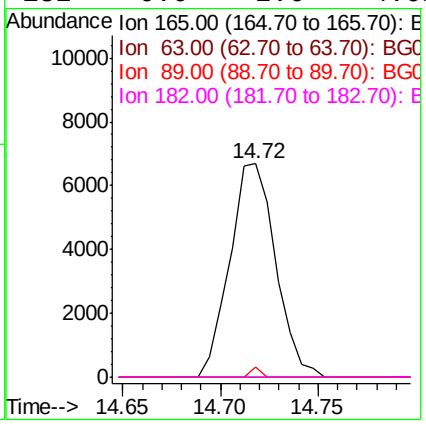


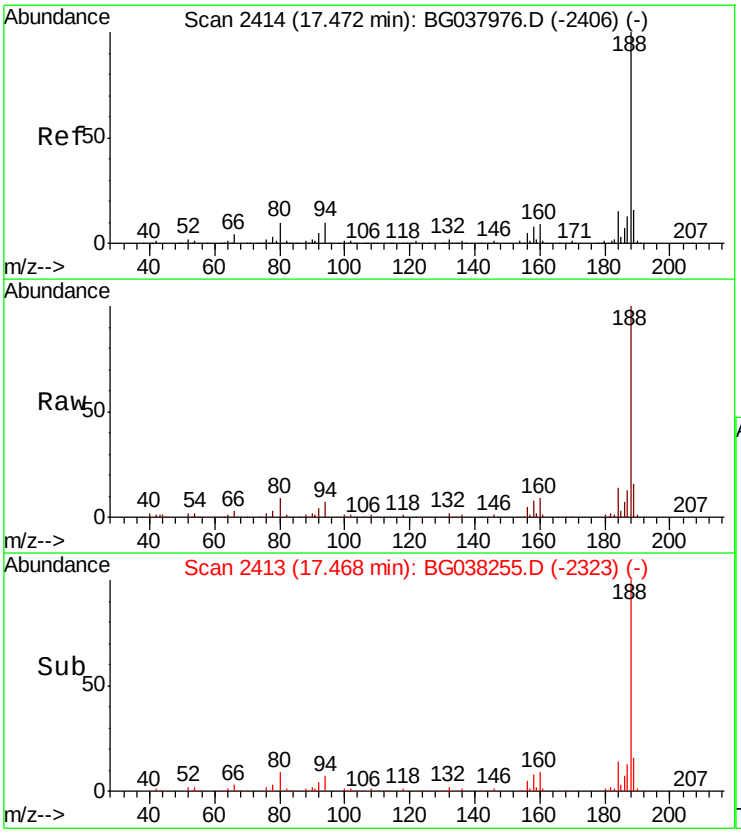
#57
2,4-Dinitrotoluene
Concen: 5.095 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:165 Resp: 10879

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	4.7	57.2	85.8#
182	0.0	2.6	4.0#

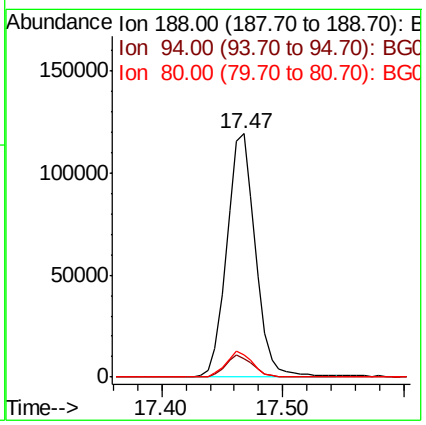


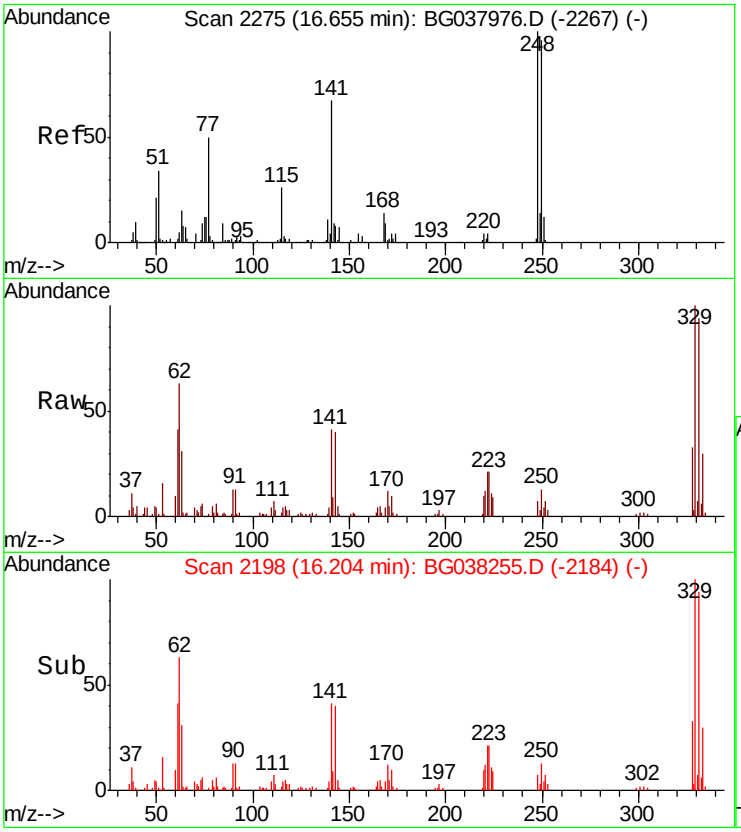


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion:188 Resp: 196840

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	8.9	7.7	11.5



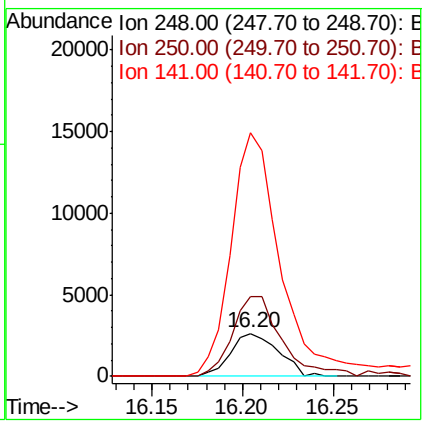


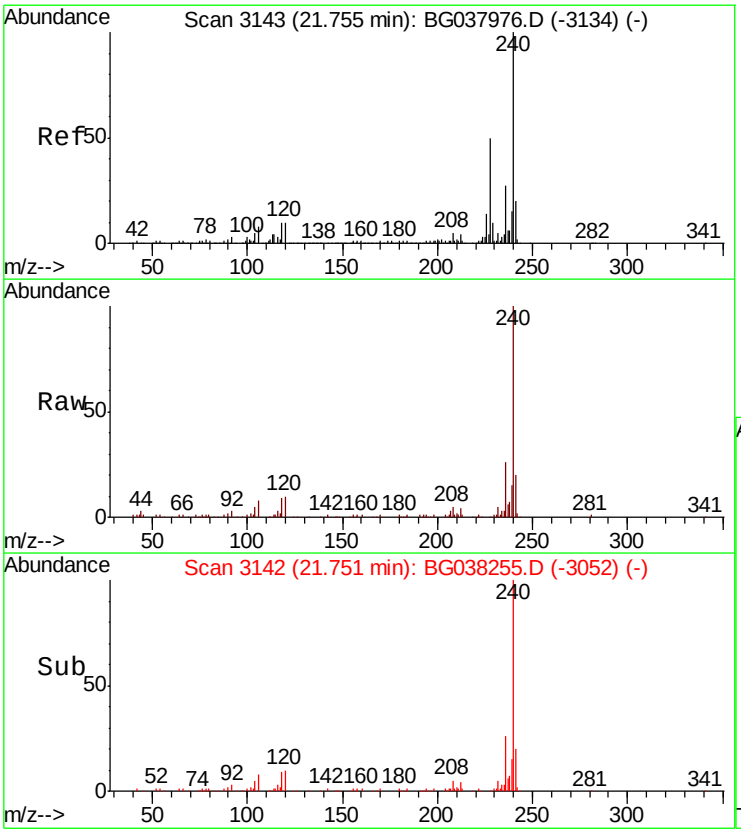
#67
4-Bromophenyl-phenylether
Concen: 2.220 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:248 Resp: 4797

Ion	Ratio	Lower	Upper
248	100		
250	174.7	77.0	115.6#
141	412.7	55.5	83.3#

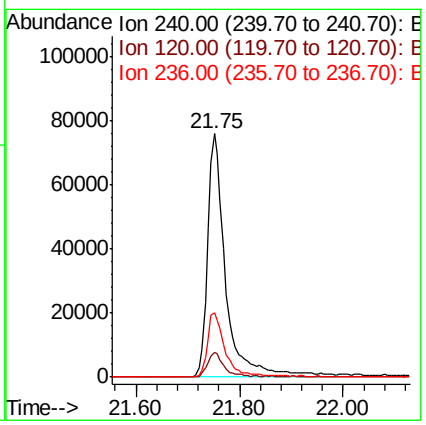


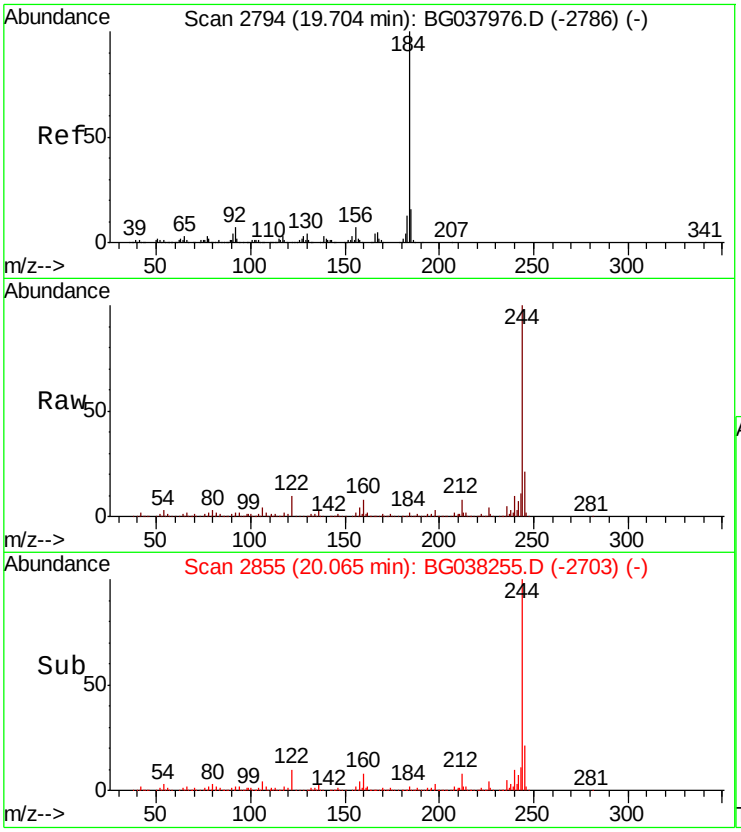


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion:240 Resp: 186820

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.2	21.4	32.0



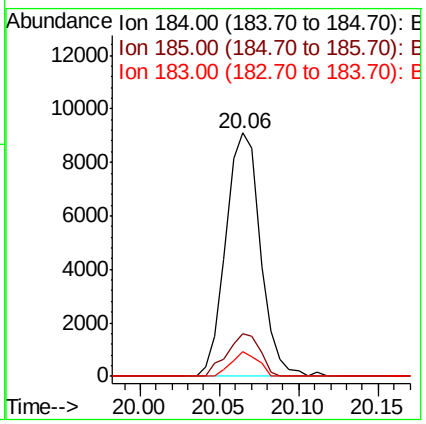


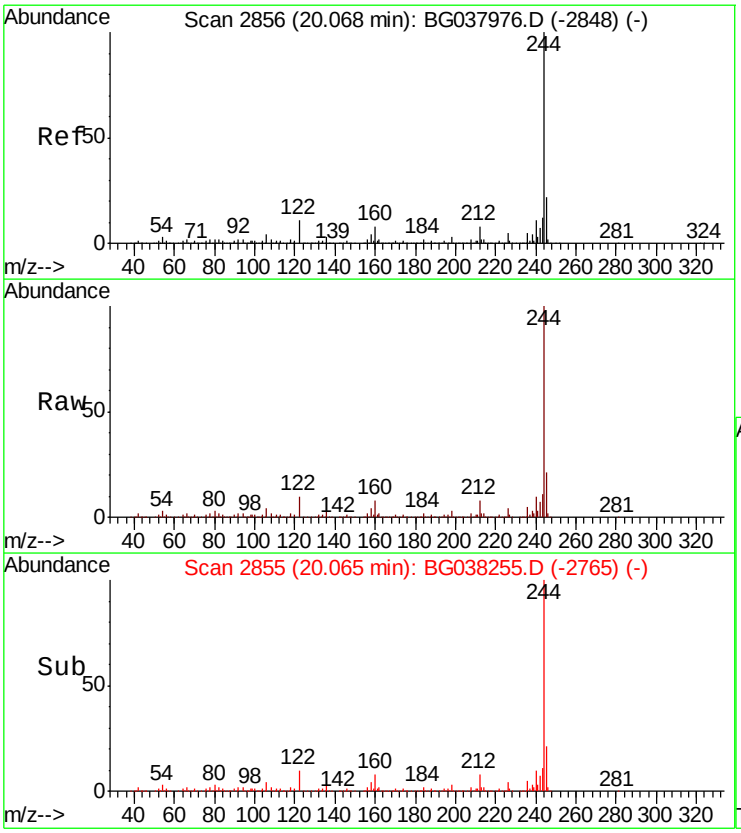
#77
Benzidine
Concen: 2.104 ng
RT: 20.06 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:184 Resp: 13794

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.6	18.8
183	10.3	10.2	15.2

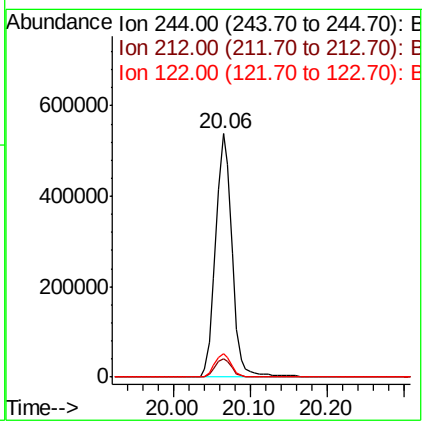


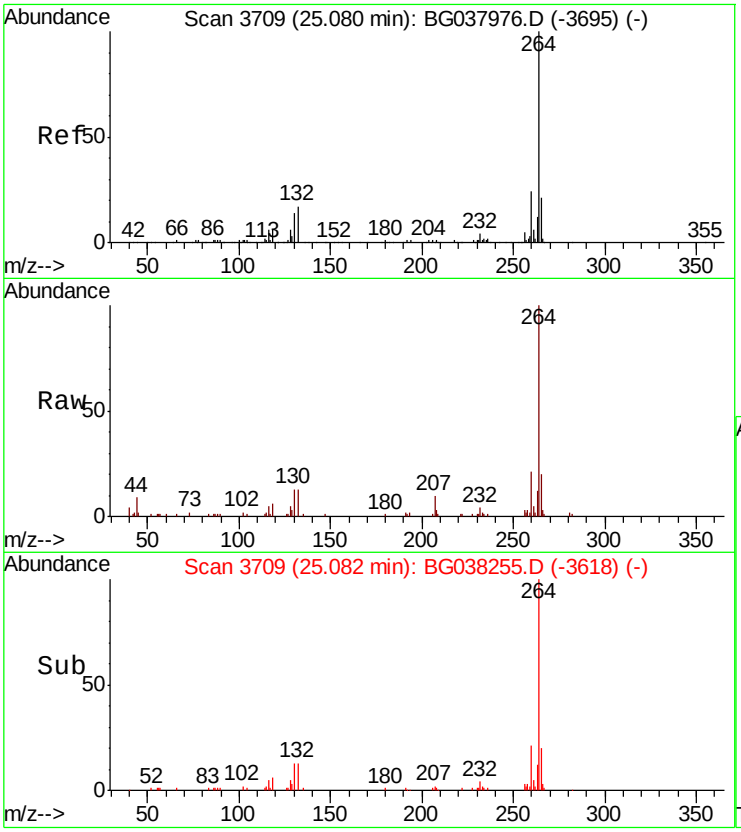


#79
Terphenyl-d14
Concen: 99.873 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion:244 Resp: 792951

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:264 Resp: 110172

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	20.0	17.9	26.9