Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038253.D
Acq On : 30 Nov 2018 12:07
Operator : JU/SJ
Sample : J6073-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-2

Quant Time: Nov 30 13:08:24 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	36223	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	162546	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	102385	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	219321	20.00	ng		0.00
76) Chrysene-d12	21.75	240	213472	20.00	ng		0.00
87) Perylene-d12	25.07	264	184141	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	227671	108.52	ng		0.00
7) Phenol-d6	7.23	99	297121	99.21	ng		0.00
23) Nitrobenzene-d5	9.26	82	237073	78.07	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	109426	93.71	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	487897	69.42	ng		-0.01
79) Terphenyl-d14	20.06	244	817097	90.07	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	30707	14.171	ng	#	76
20) 3+4-Methylphenols	8.84	107	39377	12.952	ng		89
27) 2,4-Dimethylphenol	10.16	122	5061	2.166	ng	#	2
32) Benzoic acid	10.16	122	5061	14.833	ng		87
51) 2,6-Dinitrotoluene	14.72	165	13775	7.498	ng	#	25
57) 2,4-Dinitrotoluene	14.72	165	13775	5.511	ng	#	25
67) 4-Bromophenyl-phenylether	16.20	248	7866	3.268	ng	#	1

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

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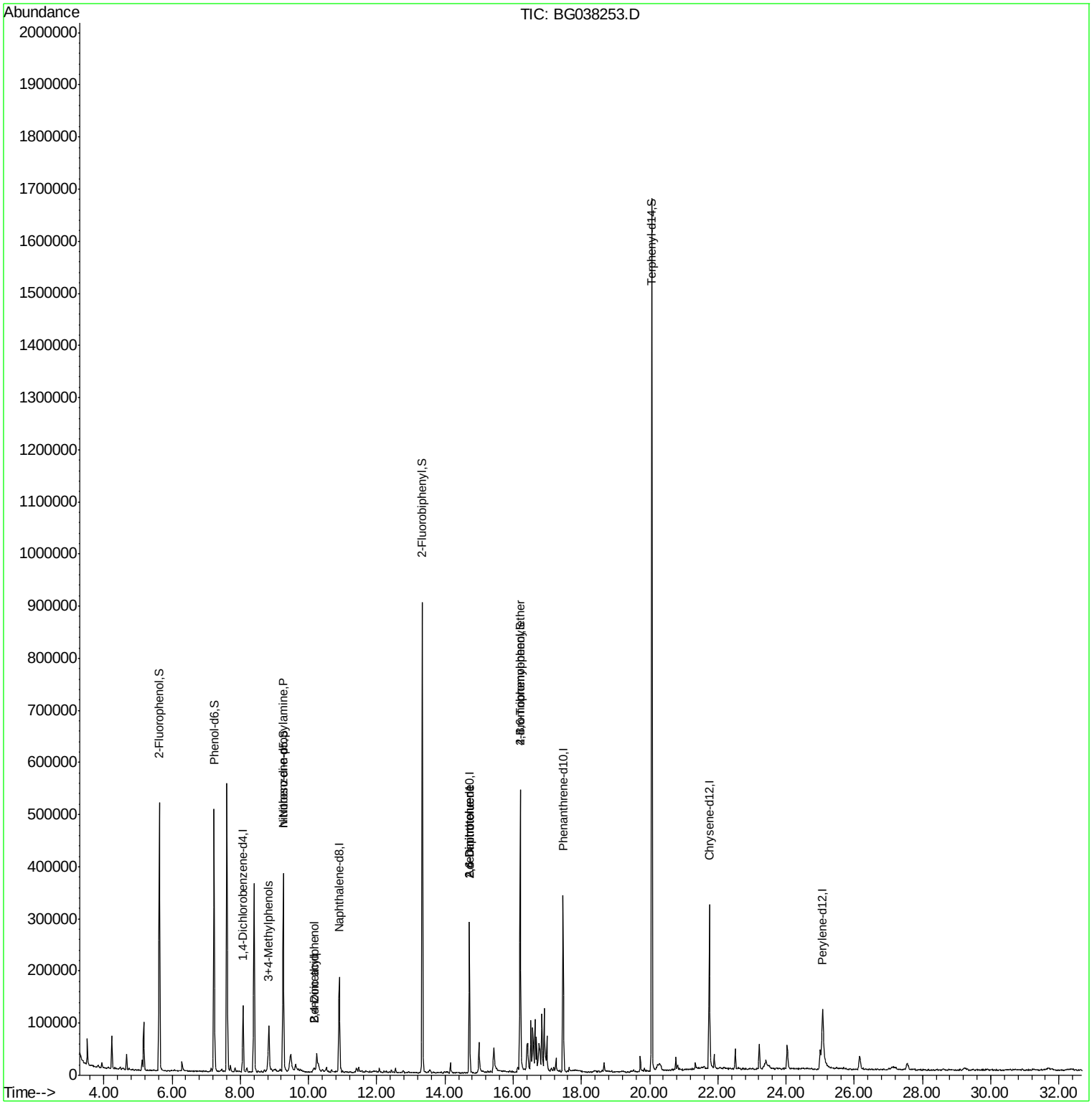
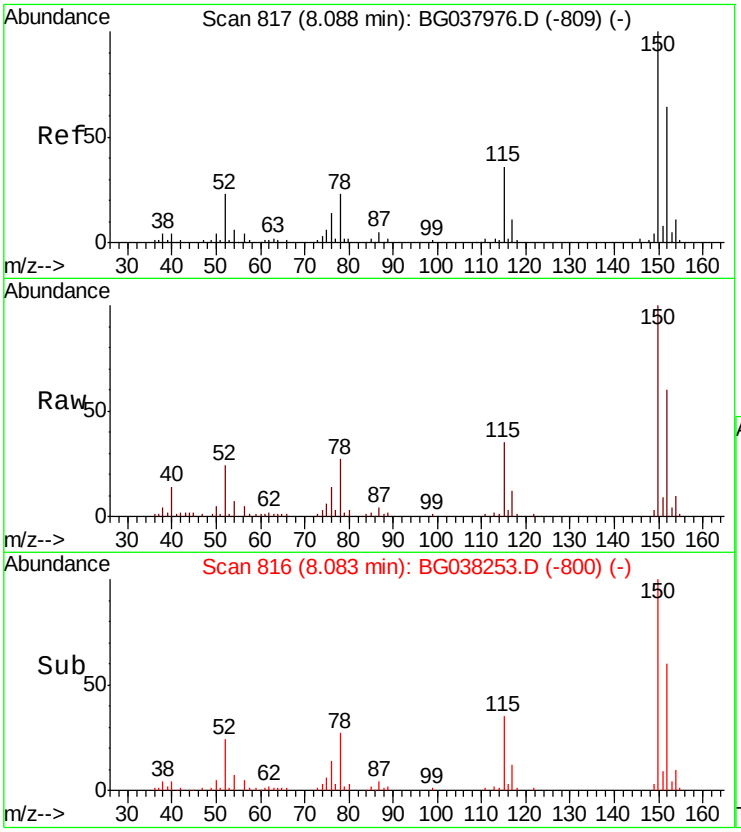


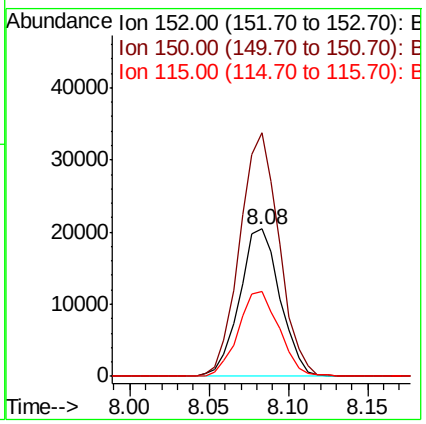


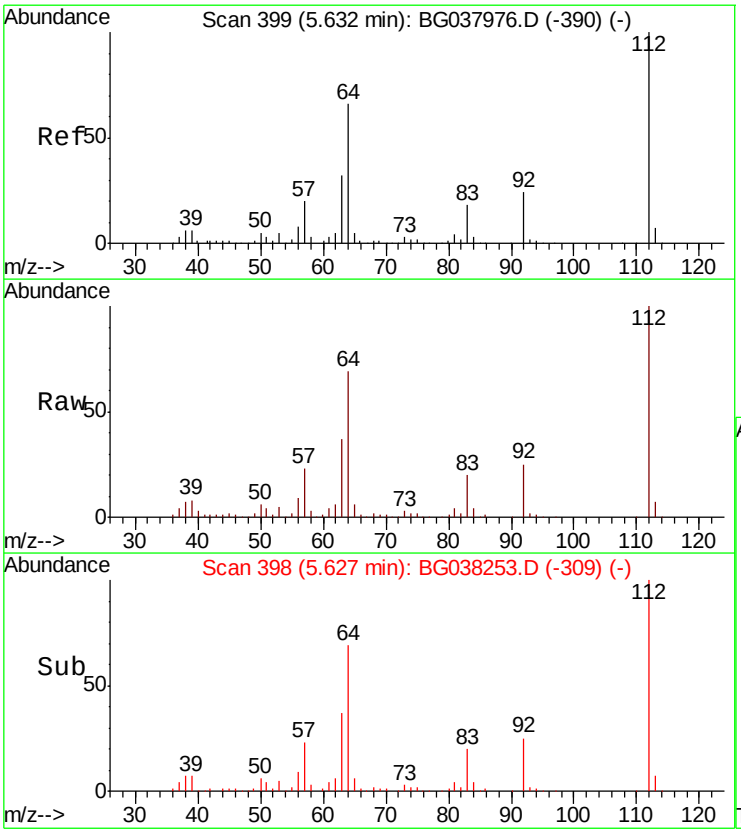
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:152 Resp: 36223

Ion	Ratio	Lower	Upper
152	100		
150	165.3	126.0	189.0
115	57.7	45.5	68.3

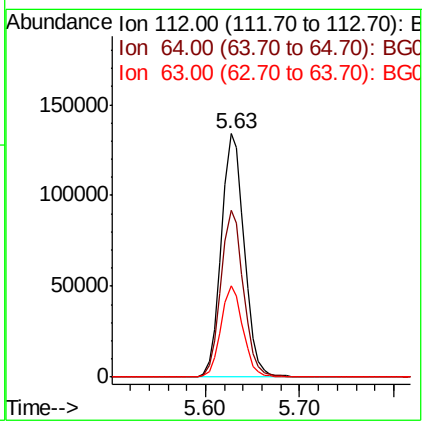


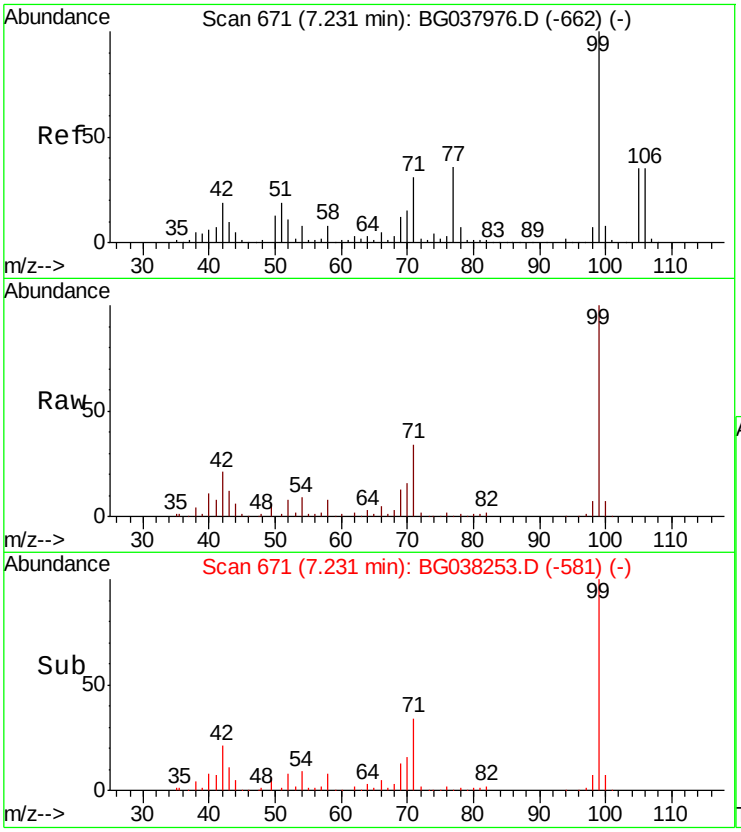


#5
2-Fluorophenol
Concen: 108.519 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:112 Resp: 227671

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.1	79.7
63	37.3	27.3	40.9



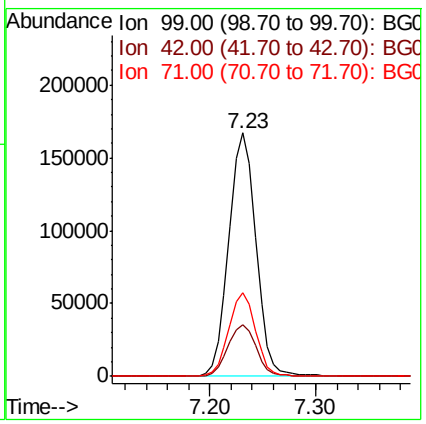


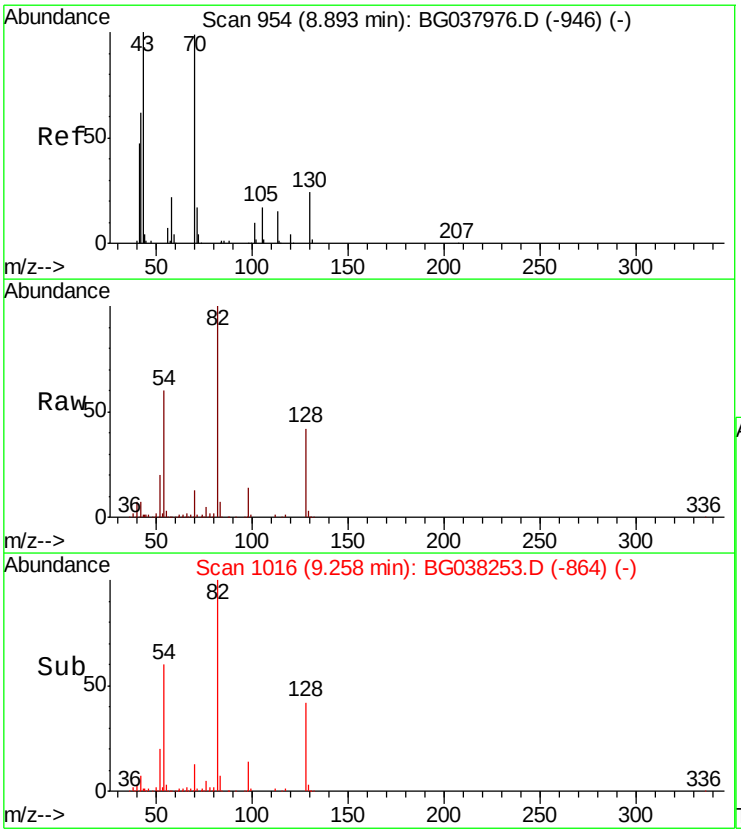
#7
Phenol-d6
Concen: 99.214 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion: 99 Resp: 297121

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.0	22.4
71	34.1	25.5	38.3

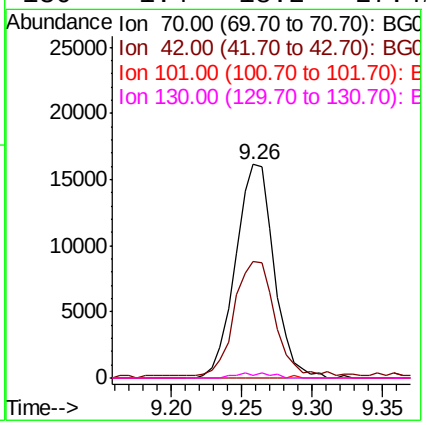


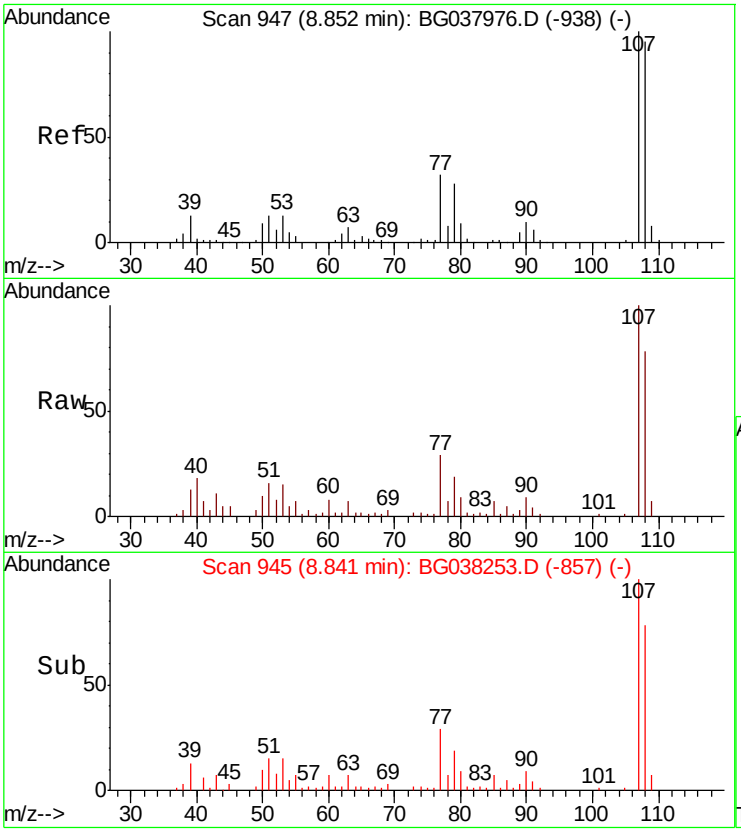


#19
n-Nitroso-di-n-propylamine
Concen: 14.171 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion: 70 Resp: 30707

Ion	Ratio	Lower	Upper
70	100		
42	54.6	53.9	80.9
101	0.0	8.2	12.2#
130	1.4	18.2	27.4#



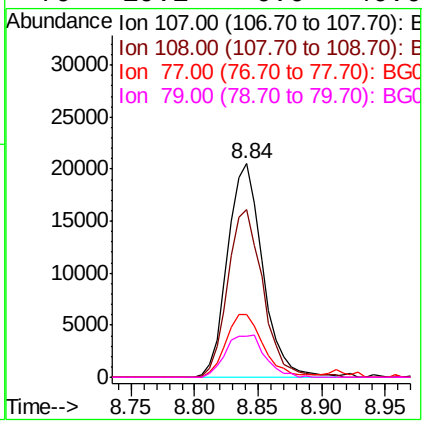


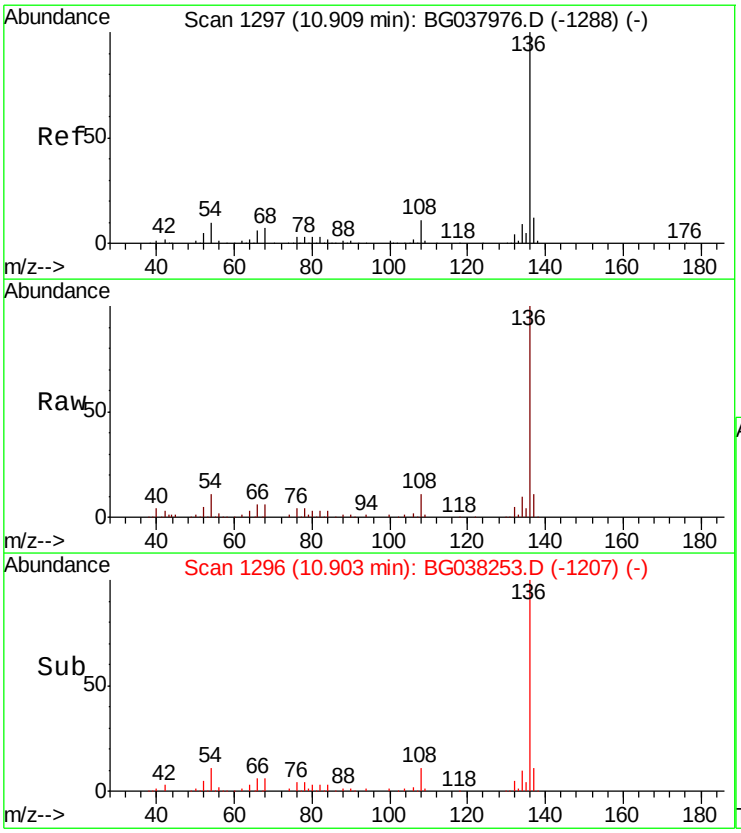
#20
3+4-Methylphenols
Concen: 12.952 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:107 Resp: 39377

Ion	Ratio	Lower	Upper
107	100		
108	78.2	69.9	109.9
77	29.4	11.2	51.2
79	19.1	6.6	46.6

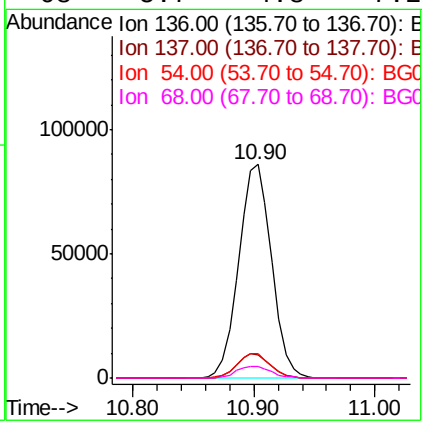


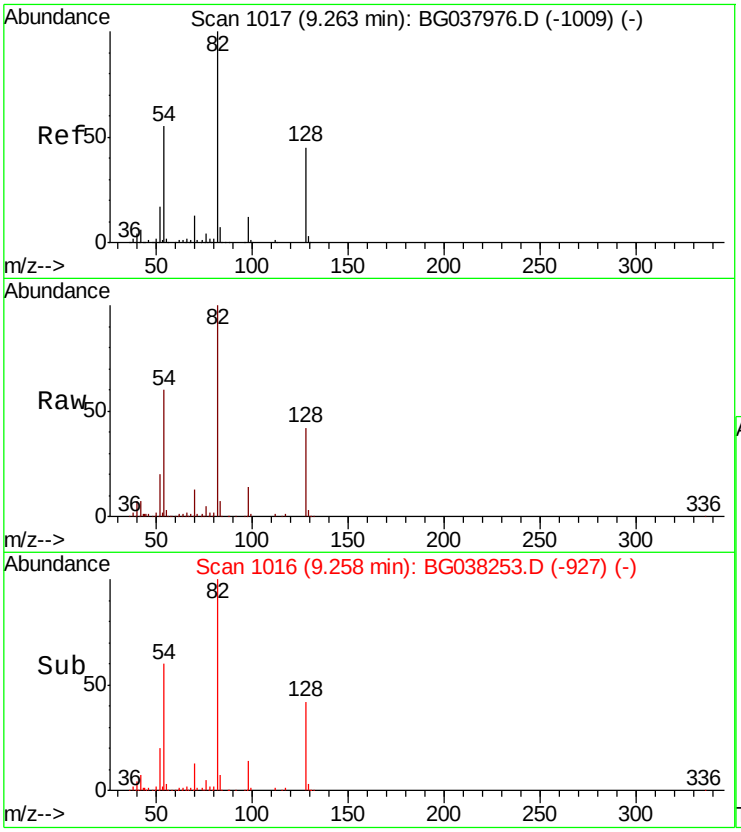


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:136 Resp: 162546

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	11.2	7.9	11.9
68	5.7	4.8	7.2



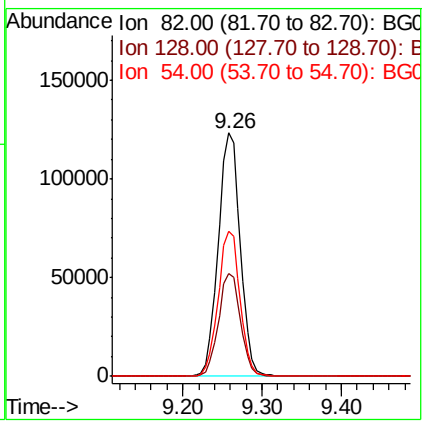


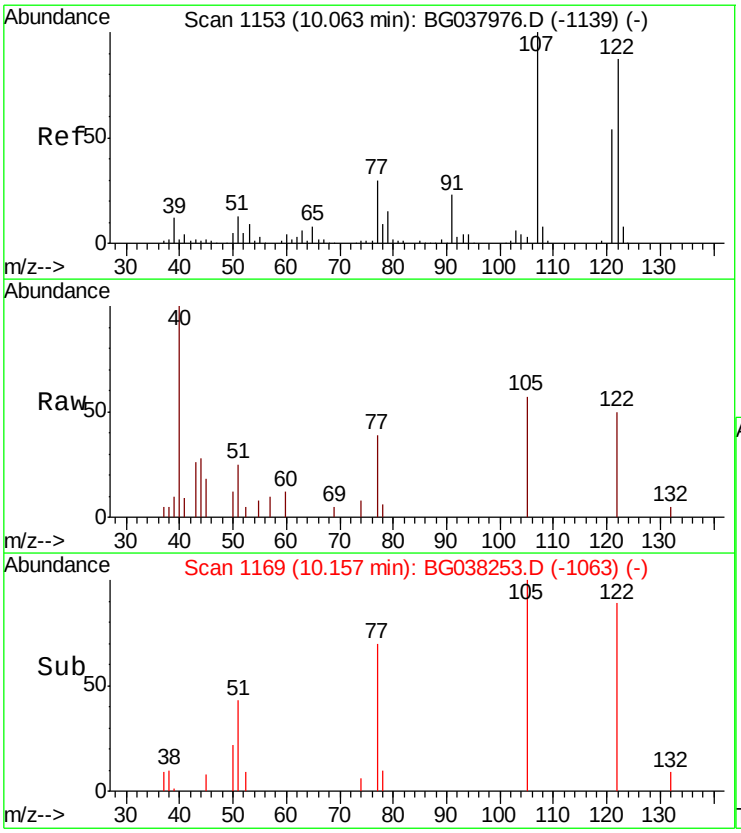
#23
Nitrobenzene-d5
Concen: 78.074 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion: 82 Resp: 237073

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	59.8	45.3	67.9

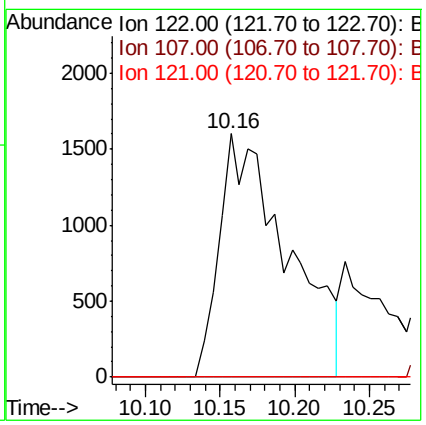


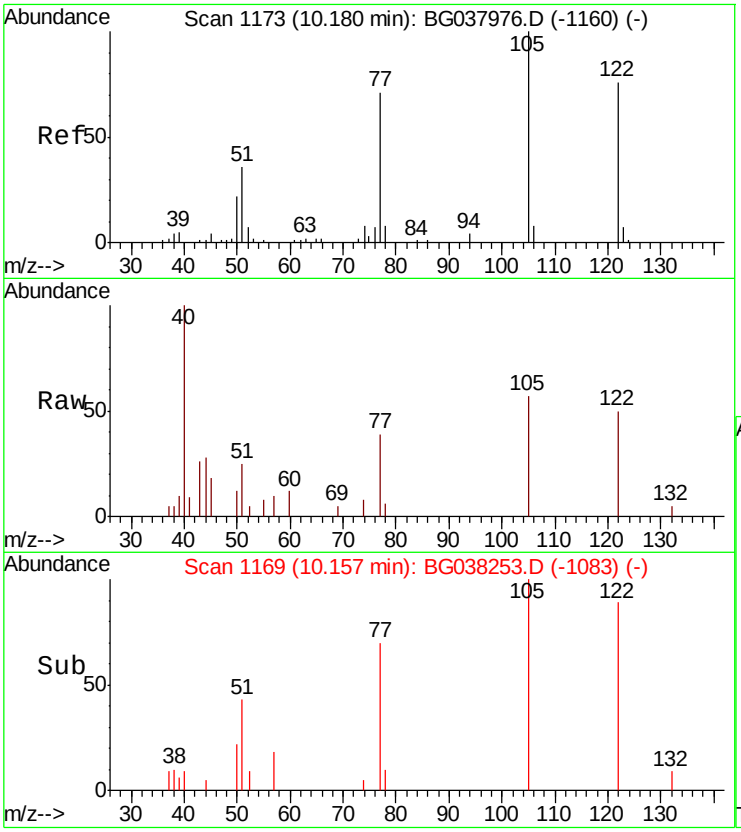


#27
2,4-Dimethylphenol
Concen: 2.166 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.09 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:122 Resp: 5061

Ion	Ratio	Lower	Upper
122	100		
107	0.0	94.2	141.2#
121	0.0	47.3	70.9#



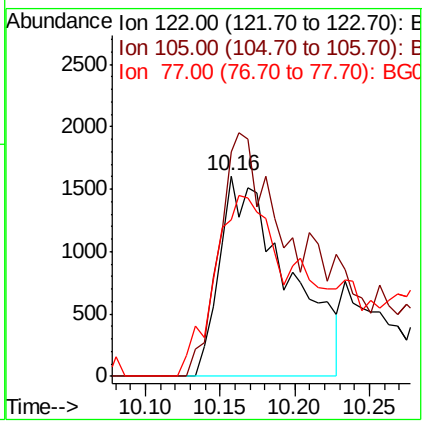


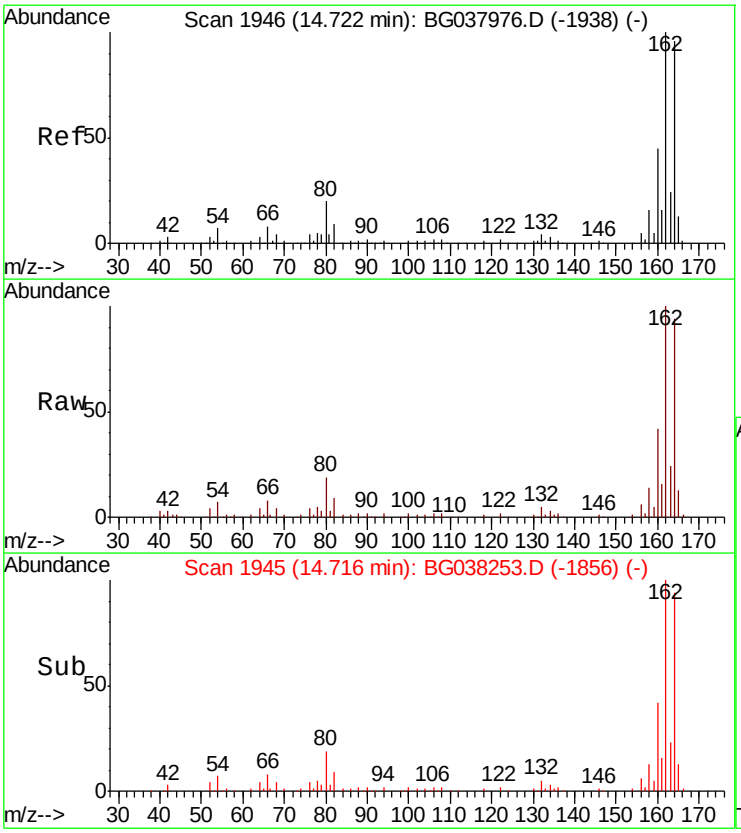
#32
Benzoic acid
Concen: 14.833 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:122 Resp: 5061

Ion	Ratio	Lower	Upper
122	100		
105	112.3	106.7	146.7
77	78.4	72.2	112.2

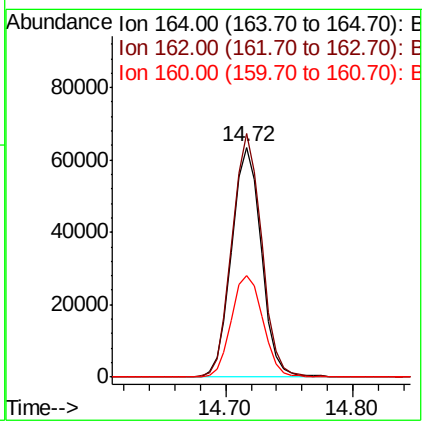


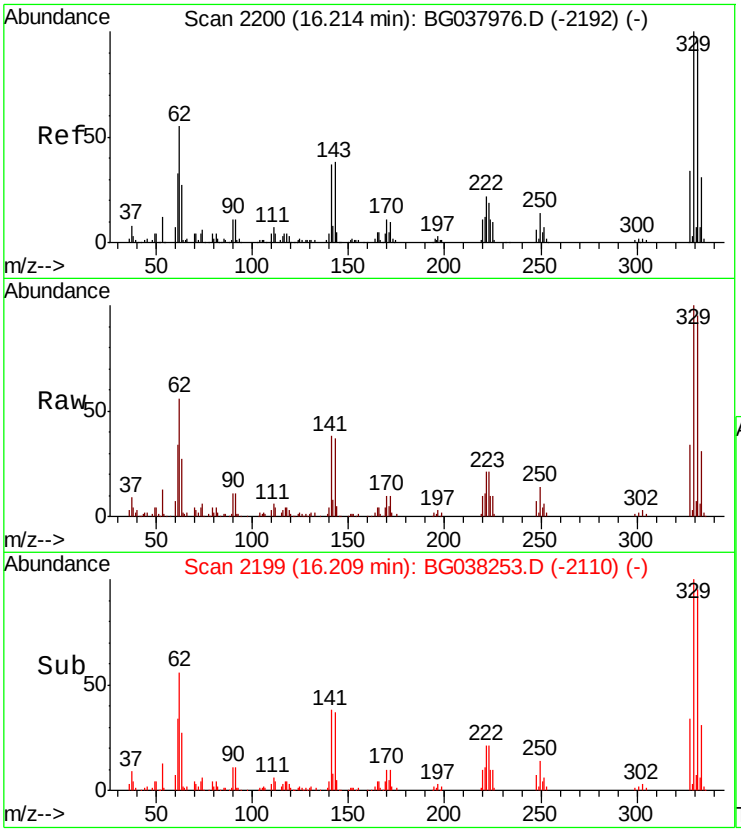


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:164 Resp: 102385

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.3	121.9
160	44.3	36.3	54.5



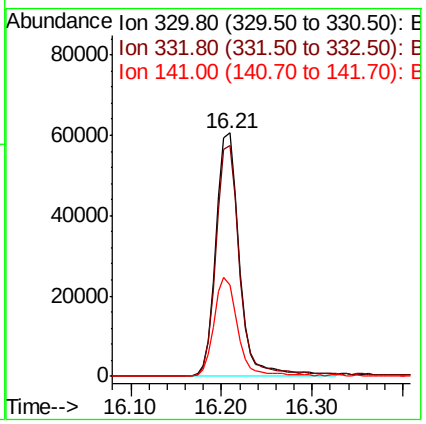


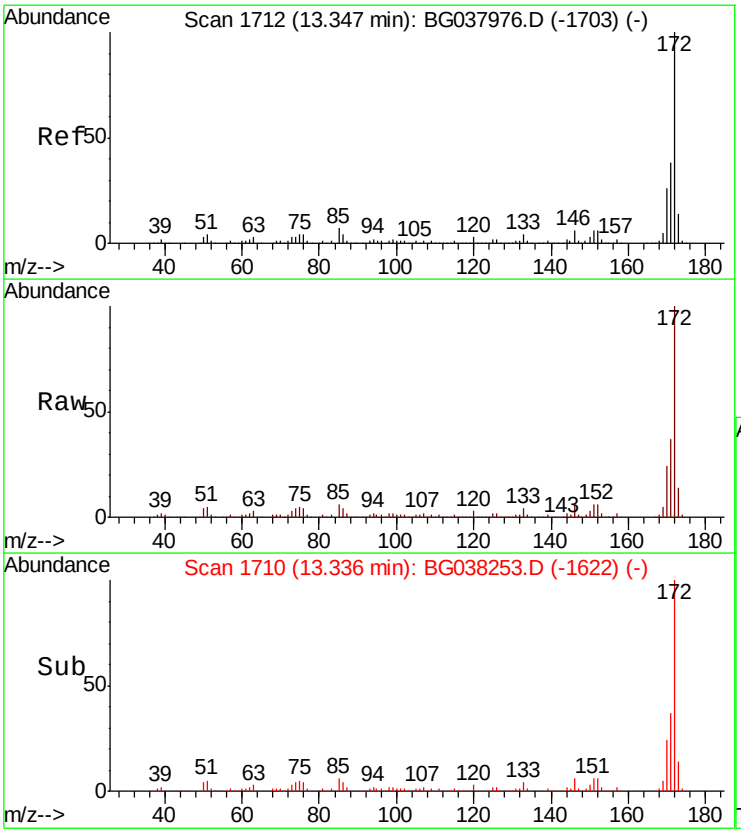
#42
2,4,6-Tribromophenol
Concen: 93.713 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:330 Resp: 109426

Ion	Ratio	Lower	Upper
330	100		
332	93.6	78.4	117.6
141	41.1	32.2	48.2

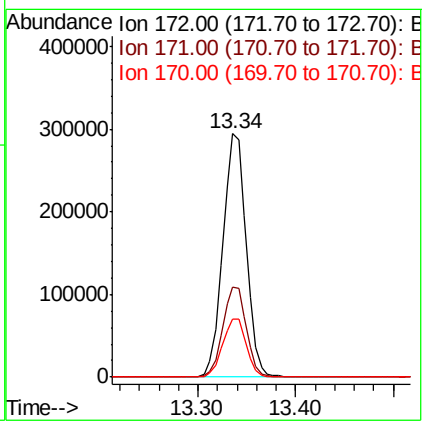


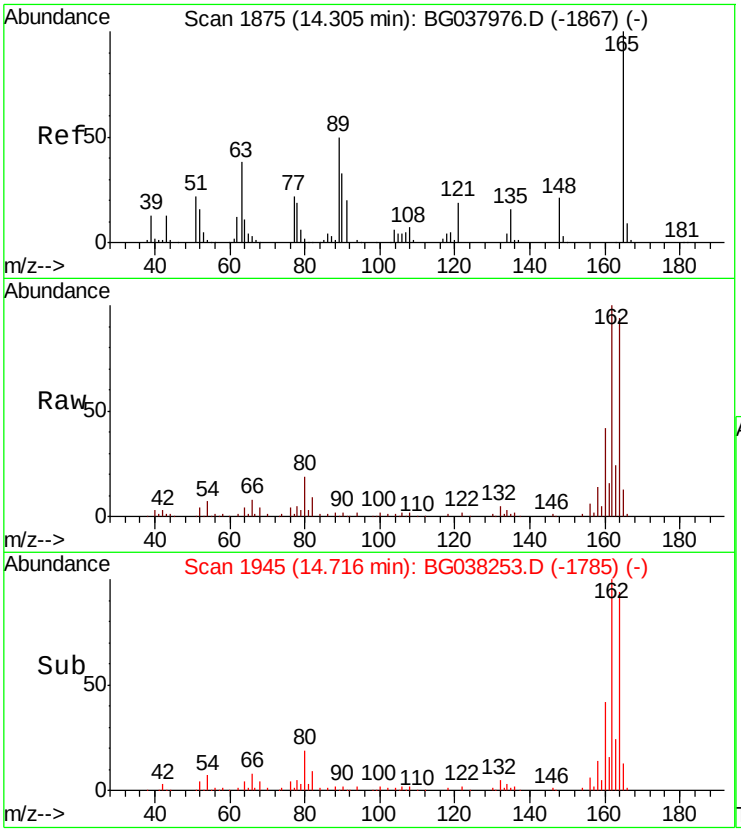


#45
2-Fluorobiphenyl
Concen: 69.424 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:172 Resp: 487897

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	23.9	20.2	30.2



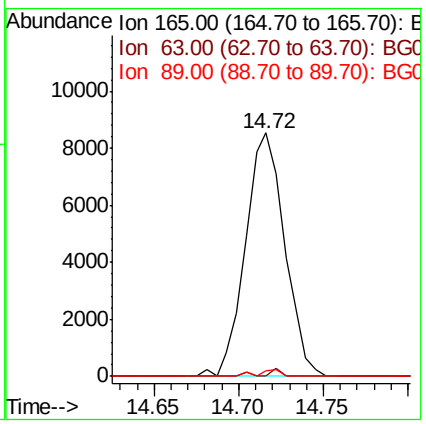


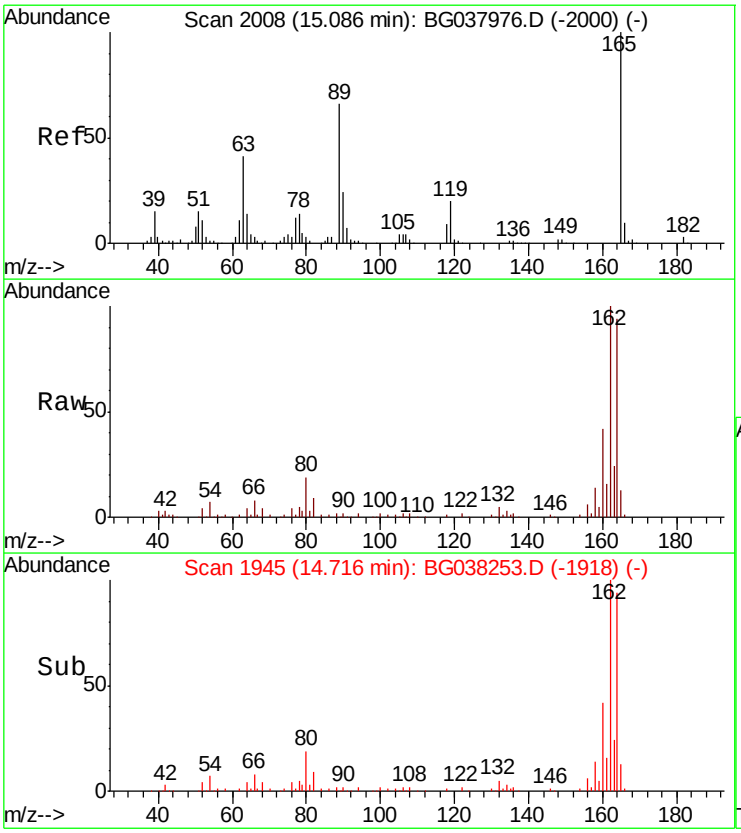
#51
2,6-Dinitrotoluene
Concen: 7.498 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:165 Resp: 13775

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#

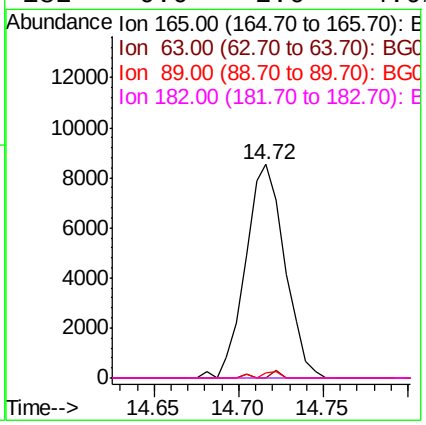


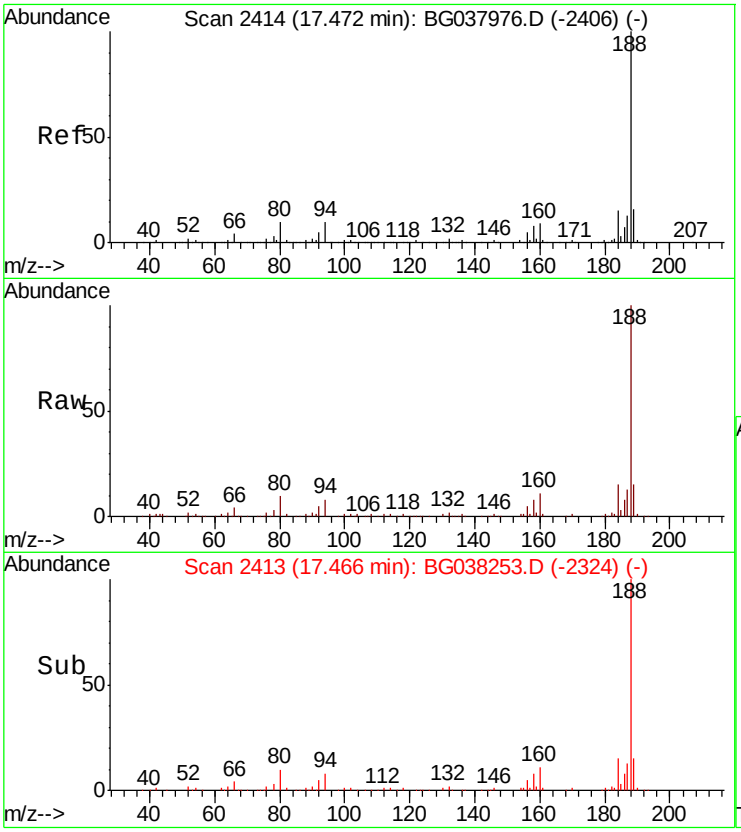


#57
2,4-Dinitrotoluene
Concen: 5.511 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:165 Resp: 13775

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



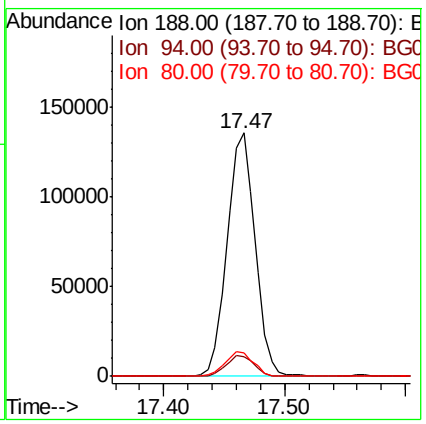


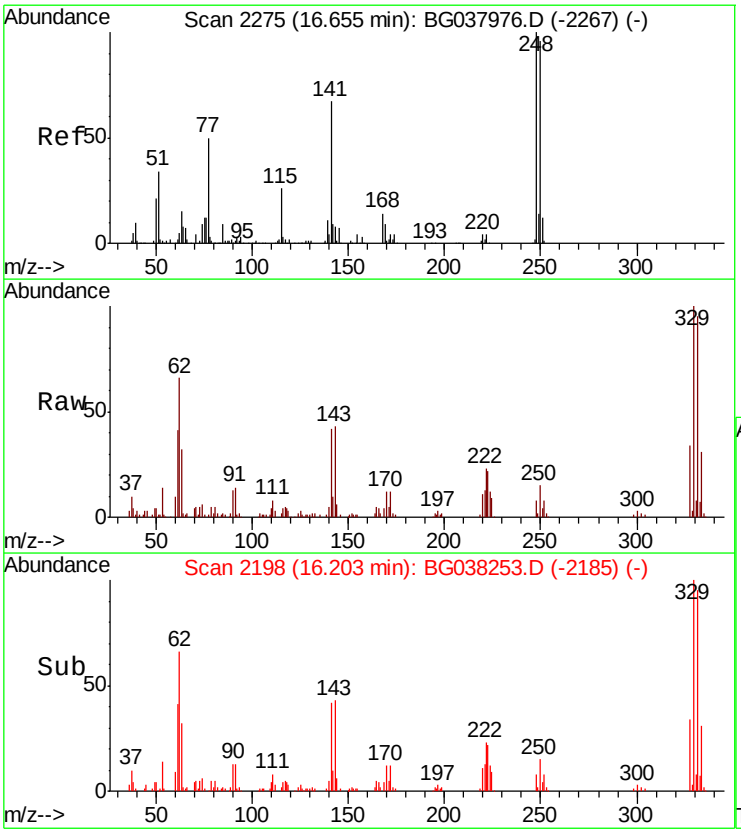
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:188 Resp: 219321

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	9.6	7.7	11.5

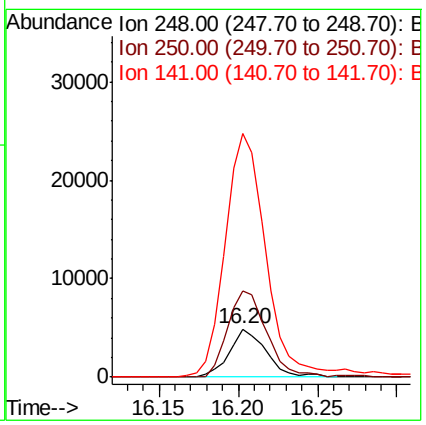


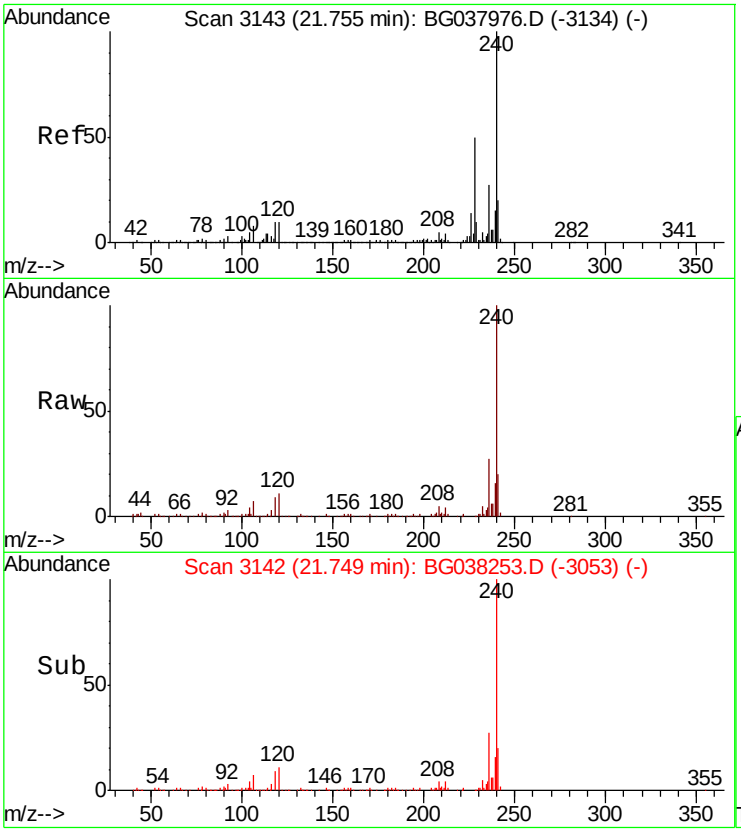


#67
4-Bromophenyl-phenylether
Concen: 3.268 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:248 Resp: 7866

Ion	Ratio	Lower	Upper
248	100		
250	182.0	77.0	115.6#
141	404.0	55.5	83.3#



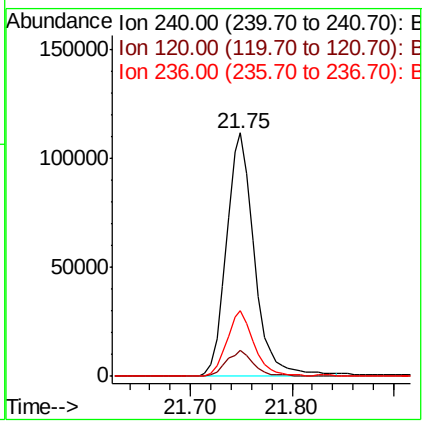


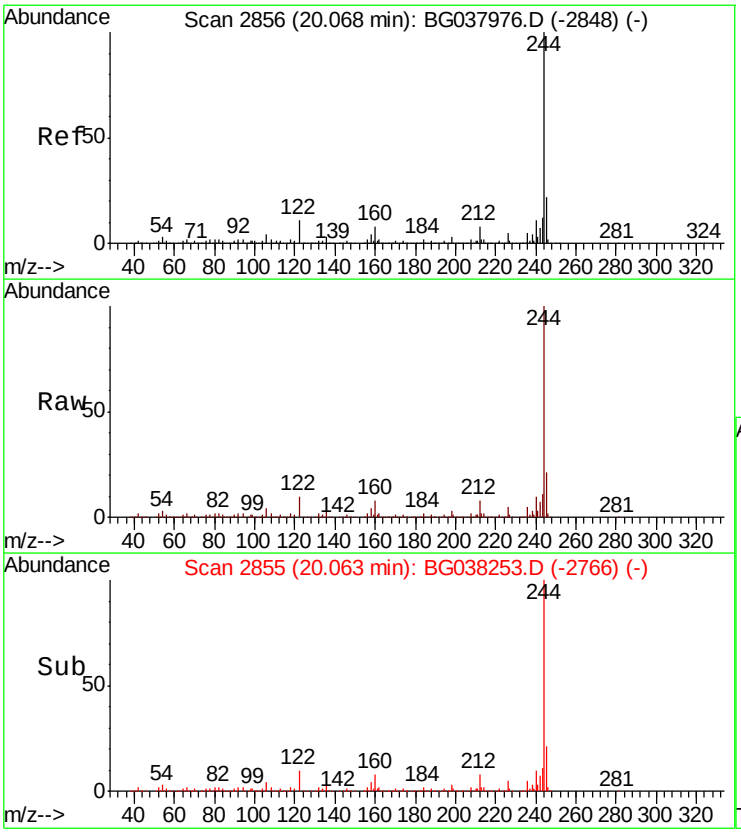
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:240 Resp: 213472

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.9	21.4	32.0

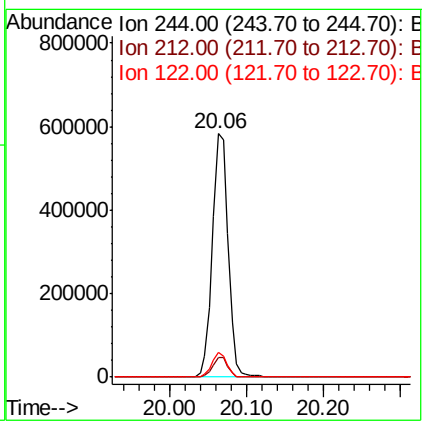


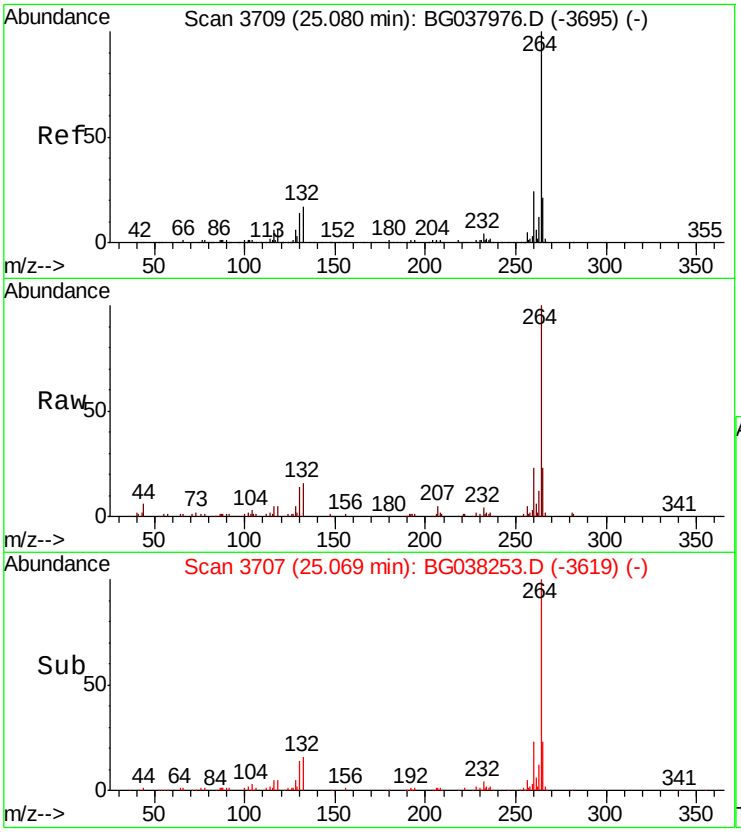


#79
Terphenyl-d14
Concen: 90.065 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Tgt Ion:244 Resp: 817097

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038253.D
Acq: 30 Nov 2018 12:07

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:264 Resp: 184141

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.8	17.9	26.9