Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
Data File : BG038265.D
Acq On : 30 Nov 2018 20:00
Operator : JU/SJ
Sample : J5761-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-112918

Quant Time: Dec 01 03:31:24 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	33436	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	146531	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90031	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	202113	20.00	ng	0.00
76) Chrysene-d12	21.75	240	181657	20.00	ng	0.00
87) Perylene-d12	25.08	264	102774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	228048	117.76	ng	0.00
7) Phenol-d6	7.23	99	289728	104.81	ng	0.00
23) Nitrobenzene-d5	9.26	82	241672	88.29	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	89006	86.68	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	519882	84.13	ng	0.00
79) Terphenyl-d14	20.07	244	835833	108.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	31866	15.931	ng	# 74
32) Benzoic acid	10.32	122	57	12.364	ng	# 1
51) 2,6-Dinitrotoluene	14.71	165	11647	7.210	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	11647	5.299	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	5727	2.582	ng	# 1
77) Benzidine	20.07	184	14401	2.259	ng	# 92

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

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Acq On : 30 Nov 2018 20:00
Operator : JU/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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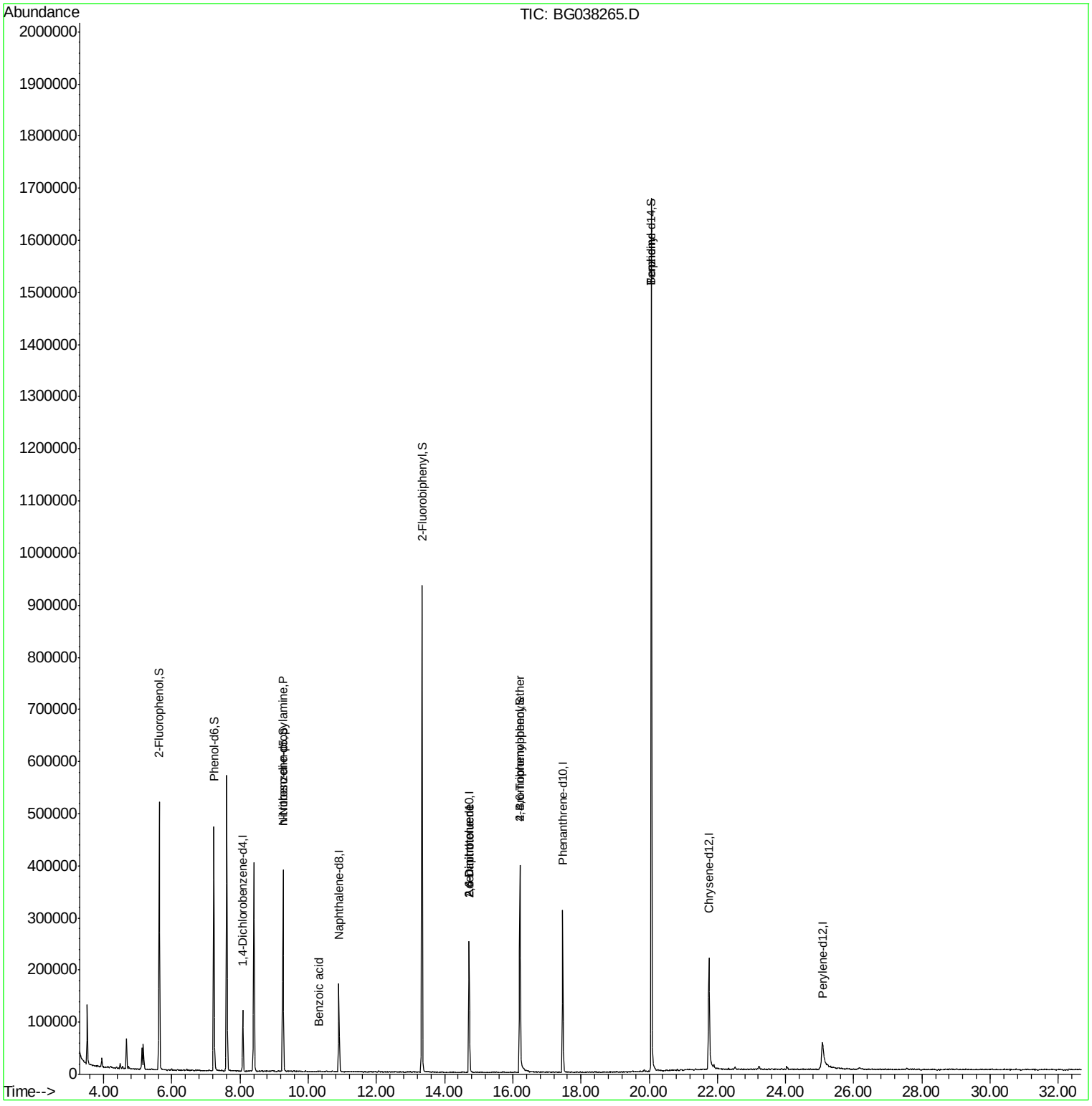
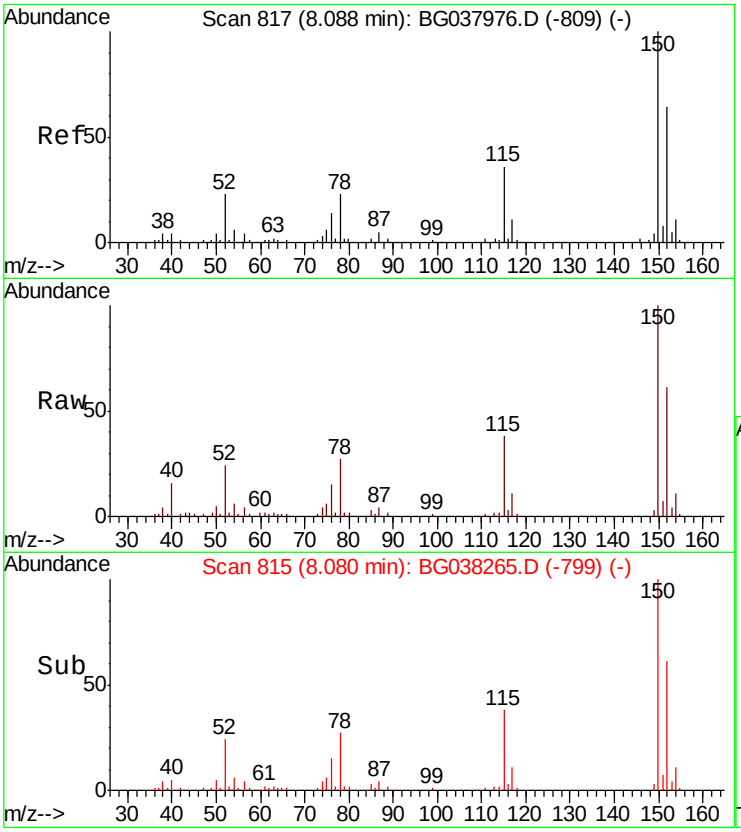
AU-05-112918

Quant Time: Dec 01 03:31:24 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



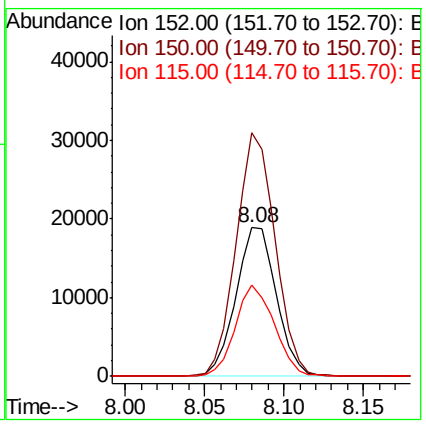


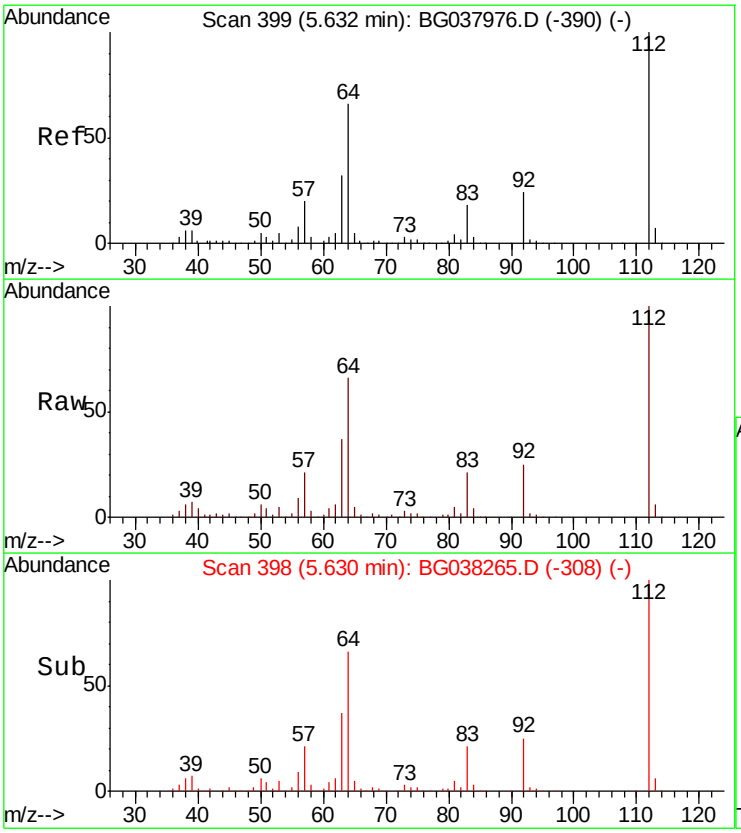
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion:152 Resp: 33436

Ion	Ratio	Lower	Upper
152	100		
150	164.0	126.0	189.0
115	61.7	45.5	68.3

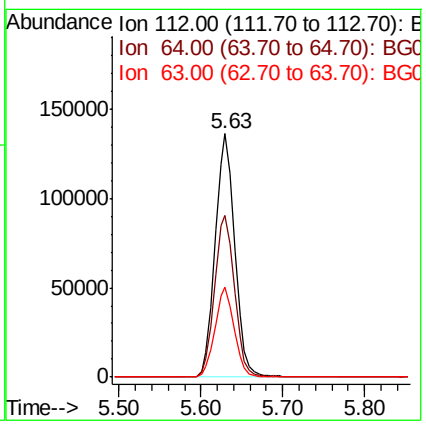


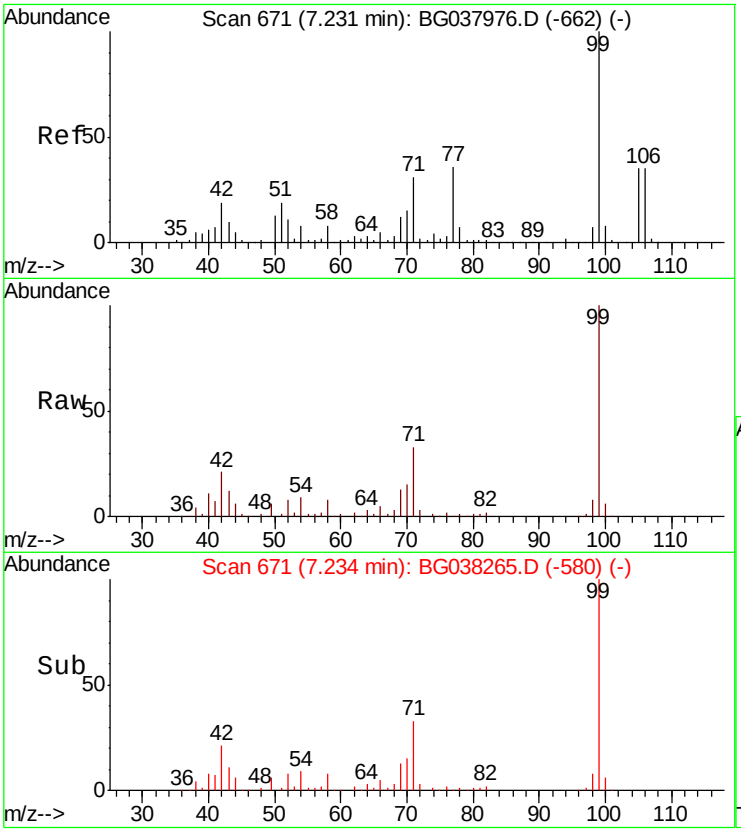


#5
2-Fluorophenol
Concen: 117.759 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion:112 Resp: 228048

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	37.0	27.3	40.9



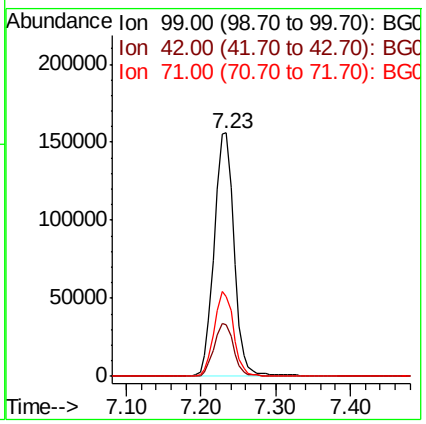


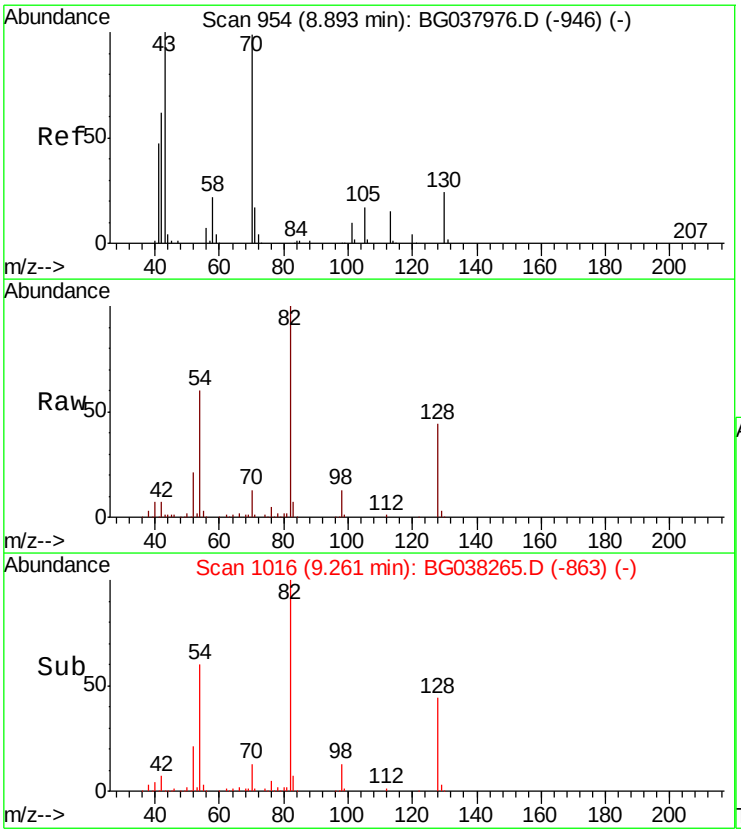
#7
Phenol-d6
Concen: 104.810 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion: 99 Resp: 289728

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.0	22.4
71	32.5	25.5	38.3

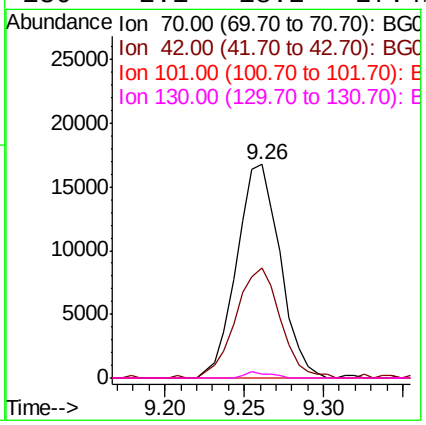


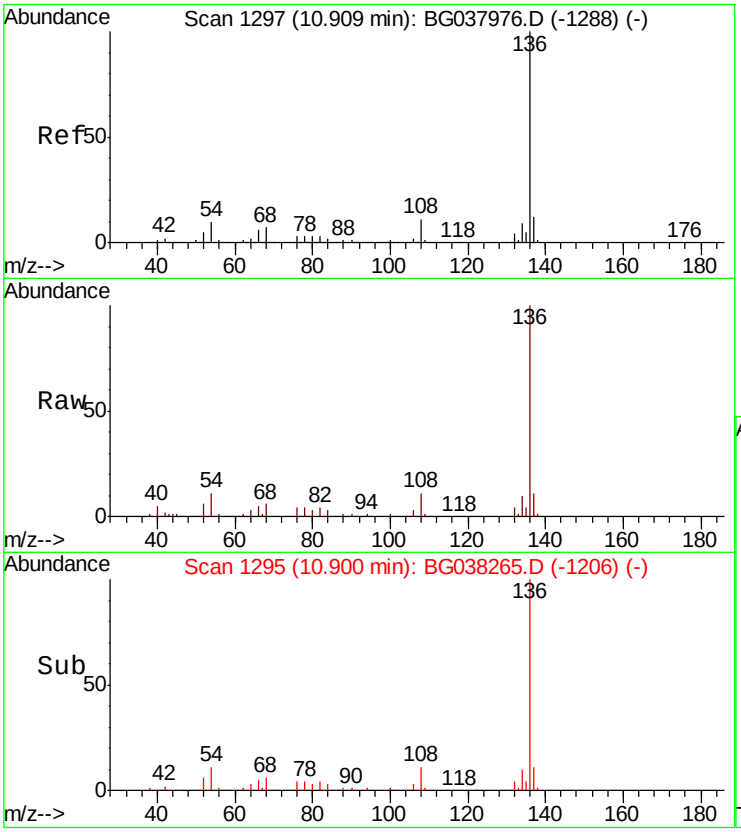


#19
n-Nitroso-di-n-propylamine
Concen: 15.931 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.37 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion: 70 Resp: 31866

Ion	Ratio	Lower	Upper
70	100		
42	51.7	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#



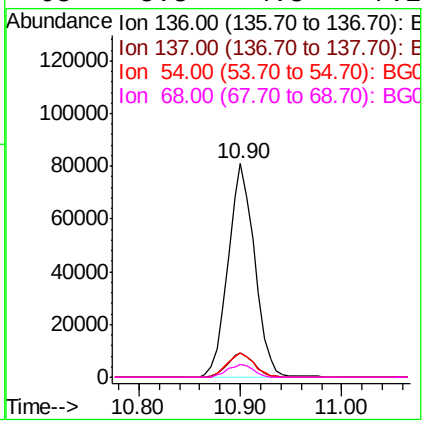


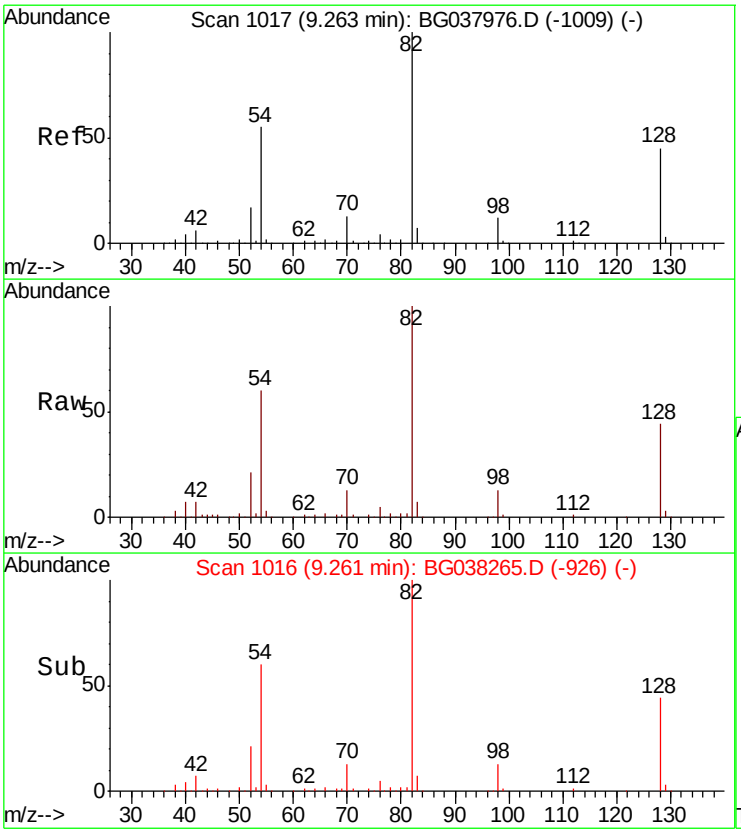
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion:136 Resp: 146531

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.3	7.9	11.9
68	5.8	4.8	7.2

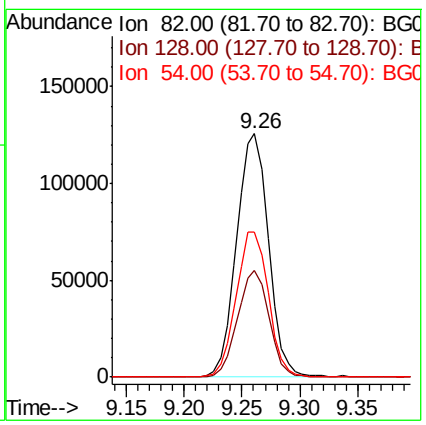


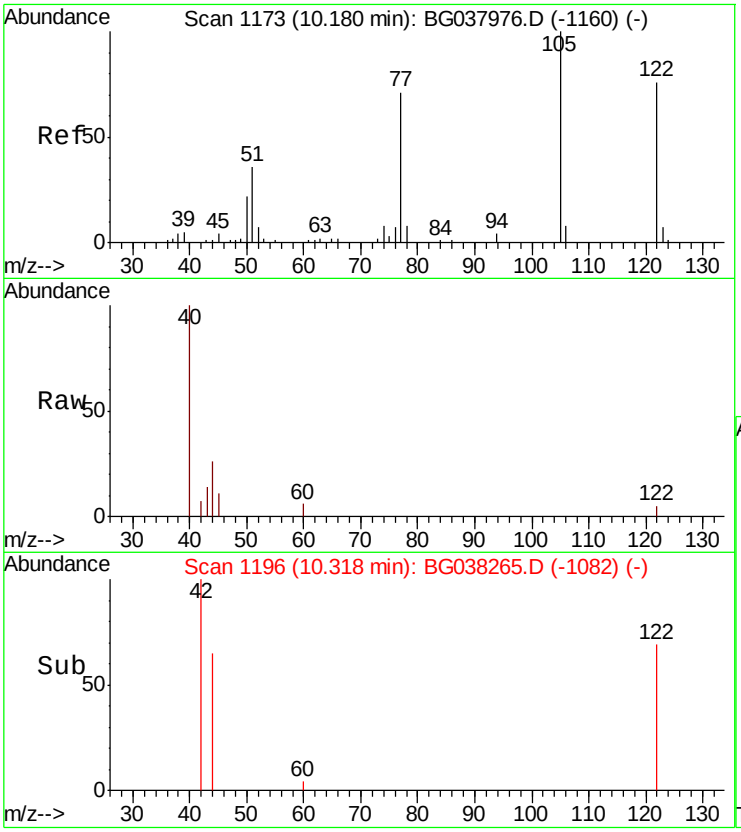


#23
Nitrobenzene-d5
Concen: 88.287 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion: 82 Resp: 241672

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	59.8	45.3	67.9



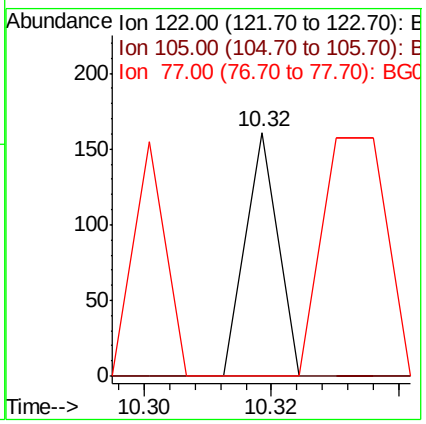


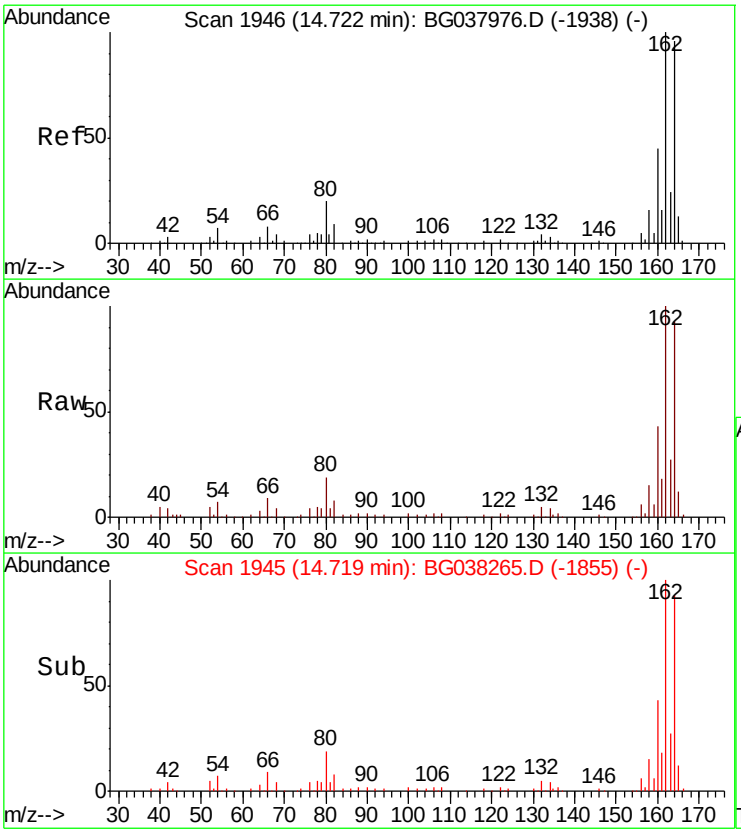
#32
Benzoic acid
Concen: 12.364 ng
RT: 10.32 min Scan# 1196
Delta R.T. 0.14 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion:122 Resp: 57

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

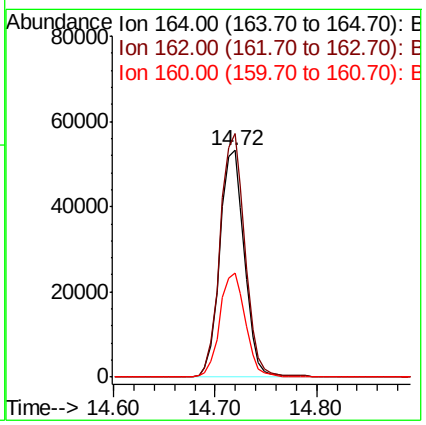


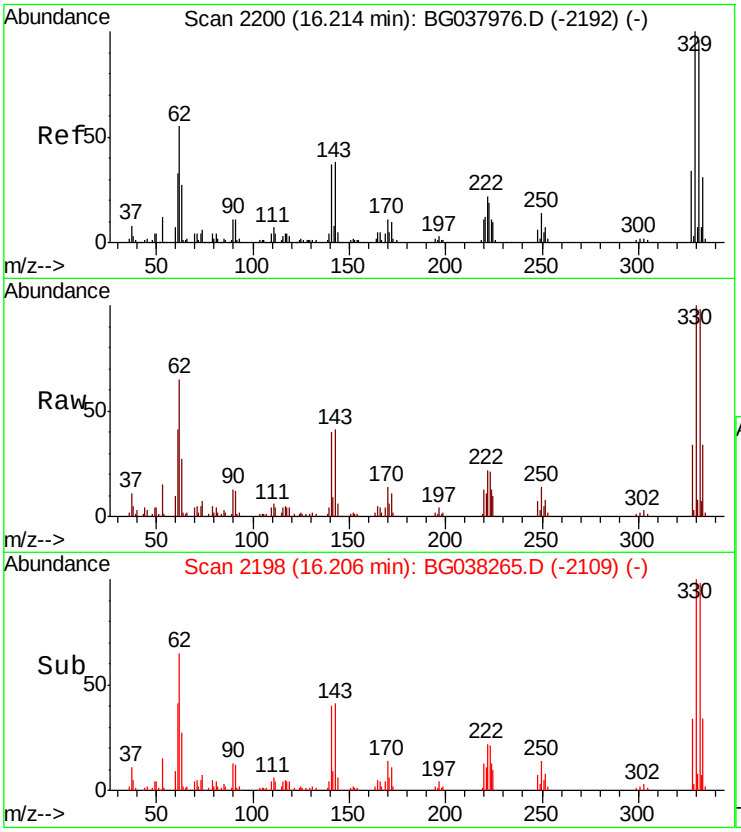


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion:164 Resp: 90031

Ion	Ratio	Lower	Upper
164	100		
162	107.5	81.3	121.9
160	46.2	36.3	54.5



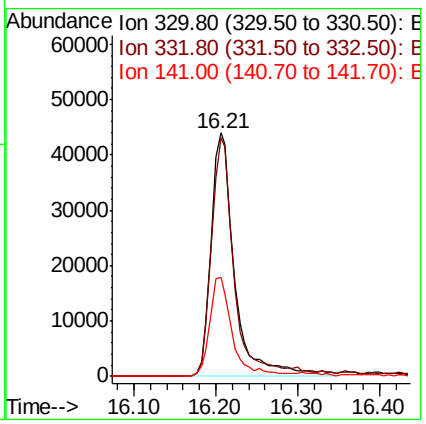


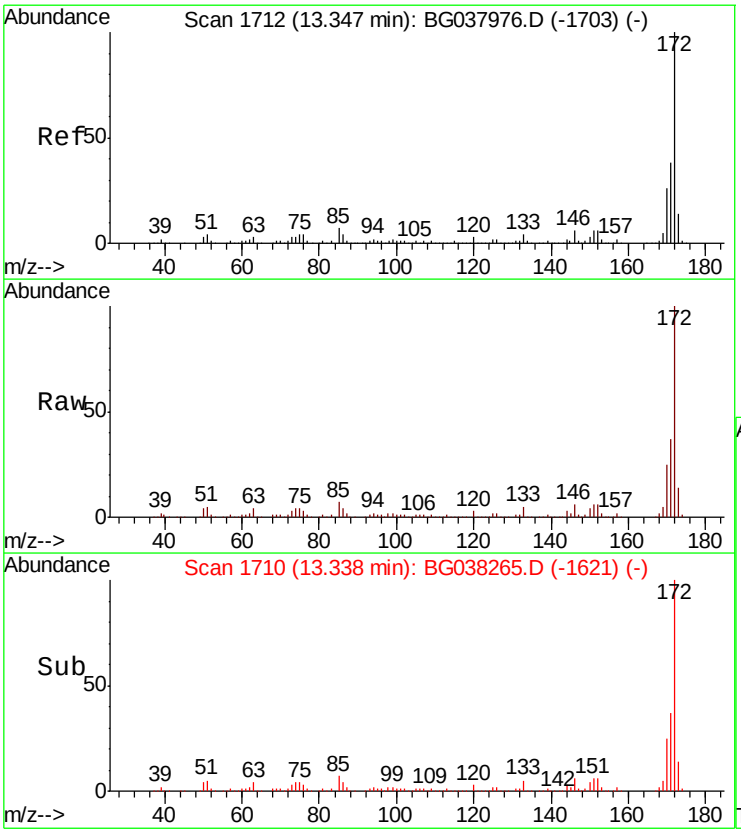
#42
2,4,6-Tribromophenol
Concen: 86.684 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion:330 Resp: 89006

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	38.4	32.2	48.2

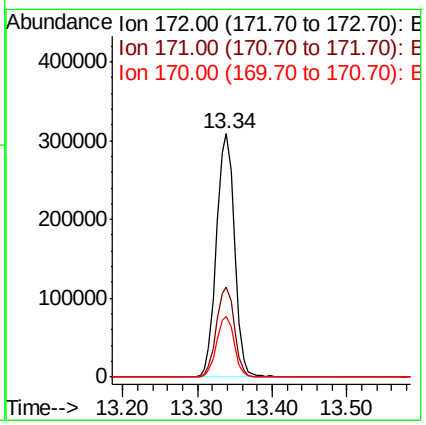


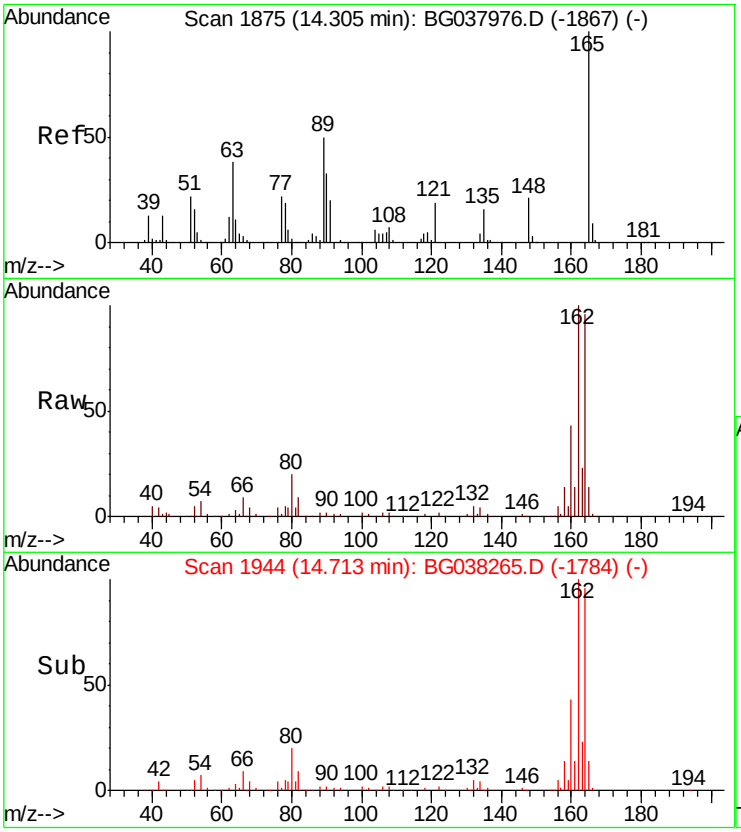


#45
2-Fluorobiphenyl
Concen: 84.126 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion:172 Resp: 519882

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.8	20.2	30.2



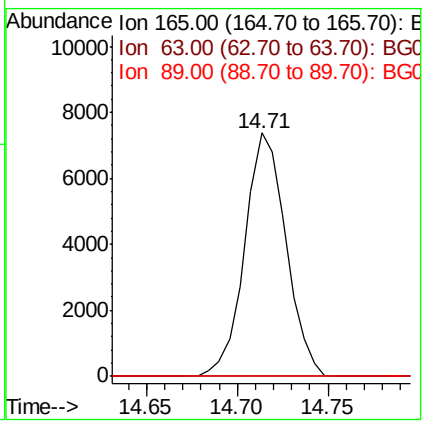


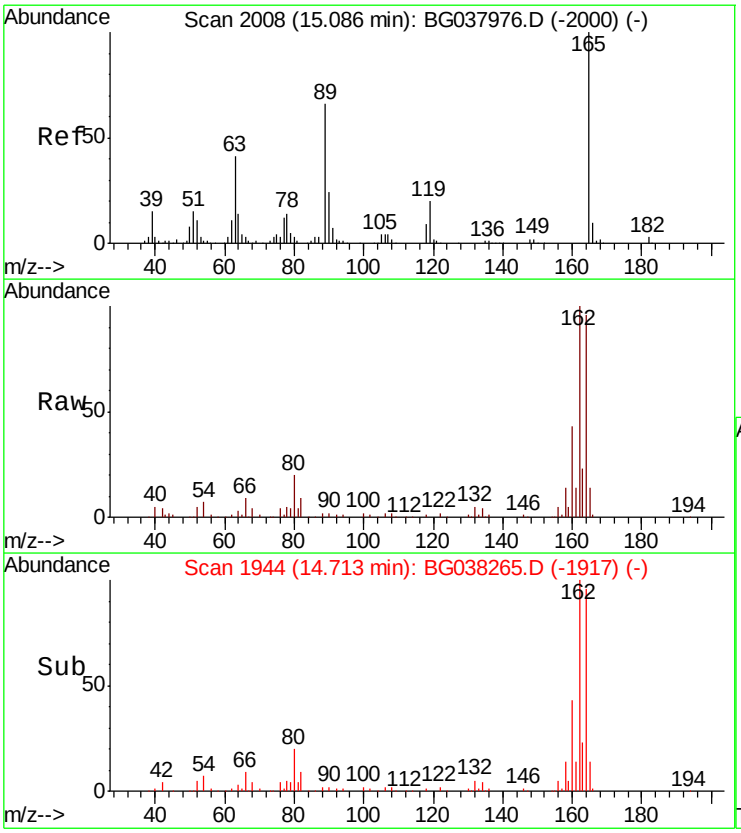
#51
2,6-Dinitrotoluene
Concen: 7.210 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.41 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion:165 Resp: 11647

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

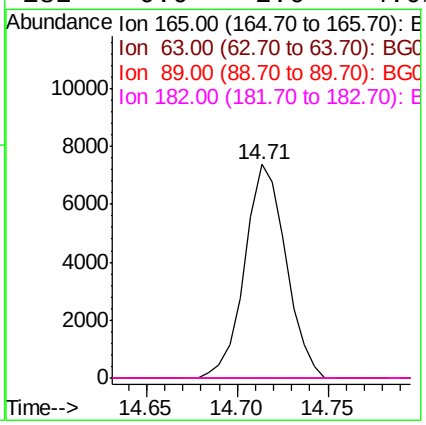


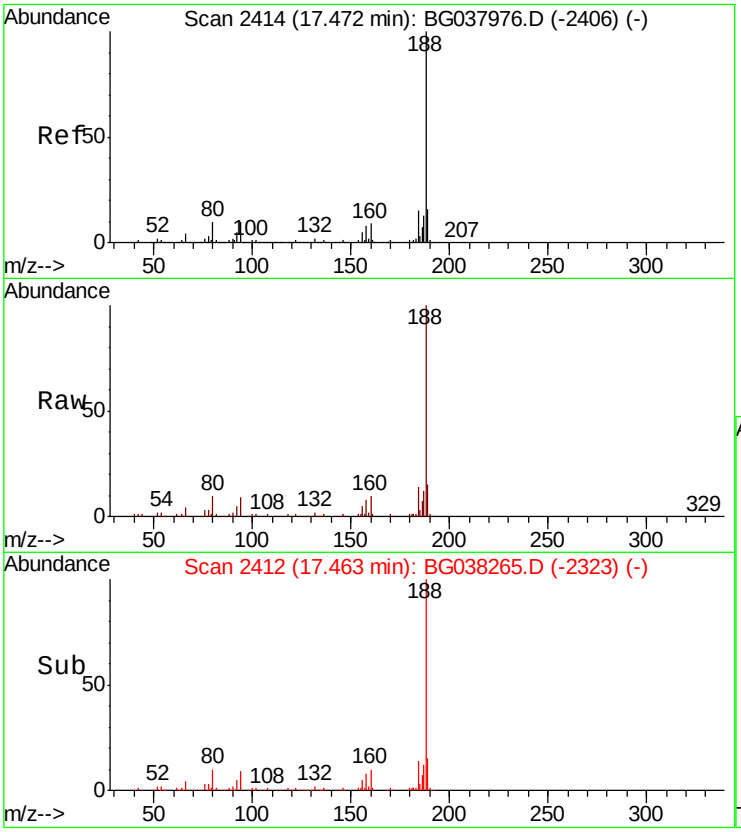


#57
2,4-Dinitrotoluene
Concen: 5.299 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion:165 Resp: 11647

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#



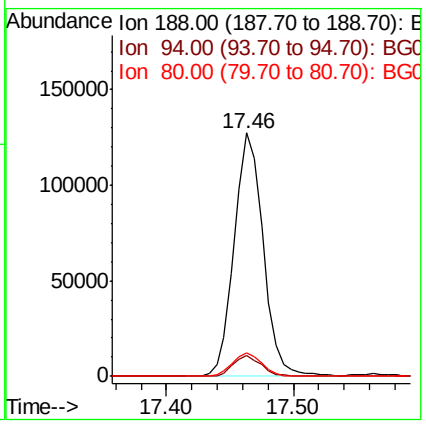


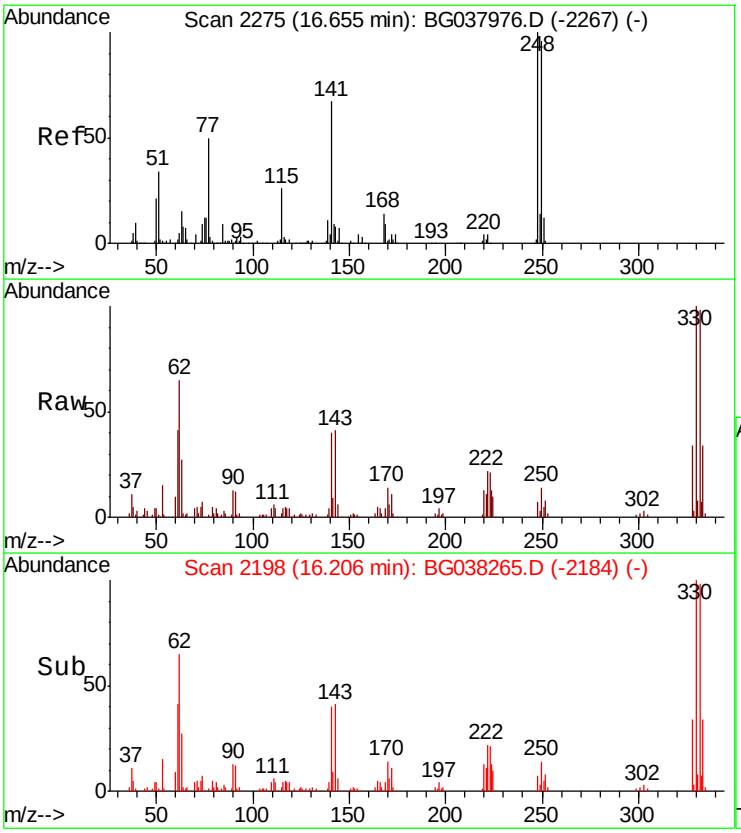
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion:188 Resp: 202113

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

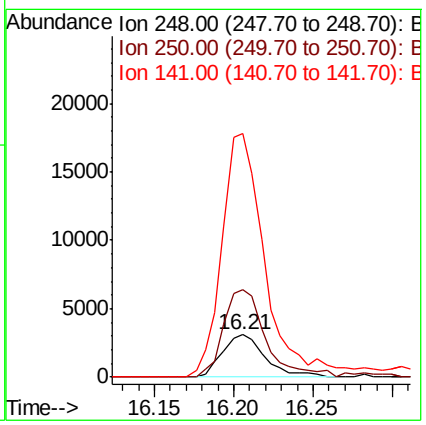


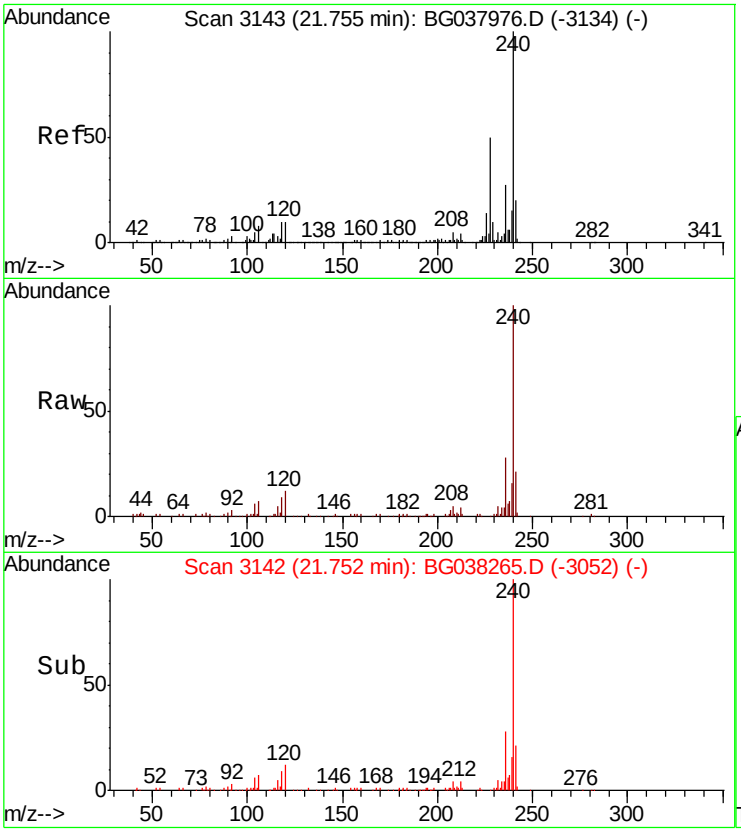


#67
4-Bromophenyl-phenylether
Concen: 2.582 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion:248 Resp: 5727

Ion	Ratio	Lower	Upper
248	100		
250	278.2	77.0	115.6#
141	578.7	55.5	83.3#



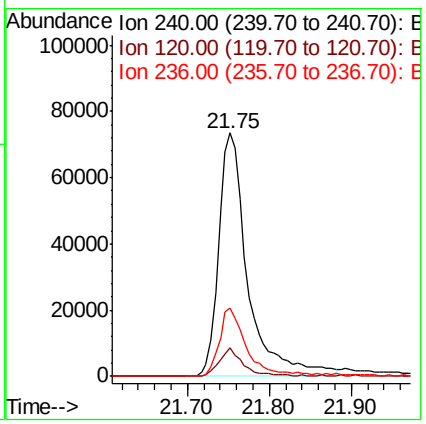


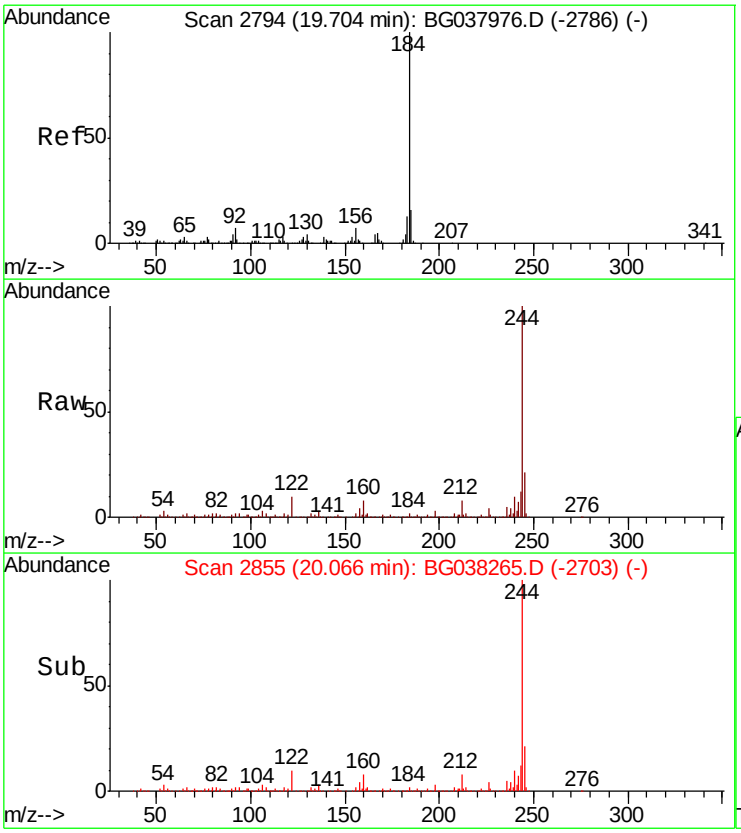
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument :
BNA_G
ClientSampleId :
AU-05-112918

Tgt Ion:240 Resp: 181657

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.1	12.1
236	27.8	21.4	32.0

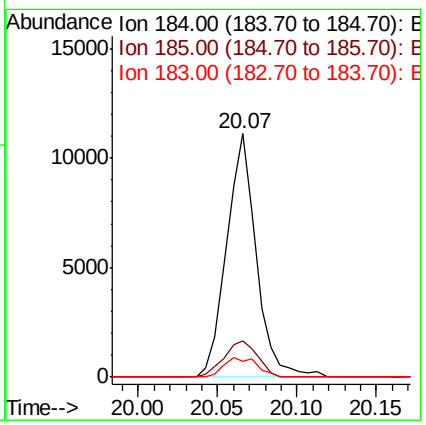


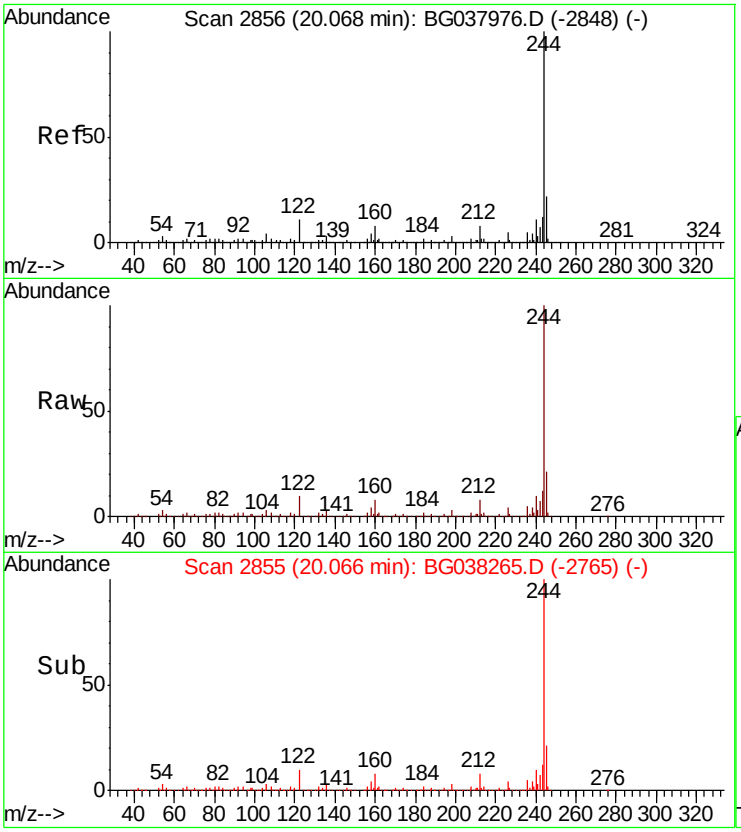


#77
Benzidine
Concen: 2.259 ng
RT: 20.07 min Scan# 2855
Delta R.T. 0.36 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion:184 Resp: 14401

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	6.4	10.2	15.2#



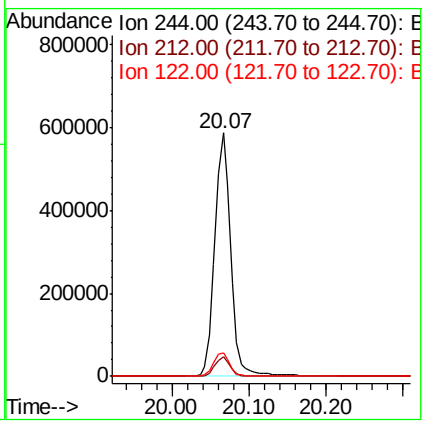


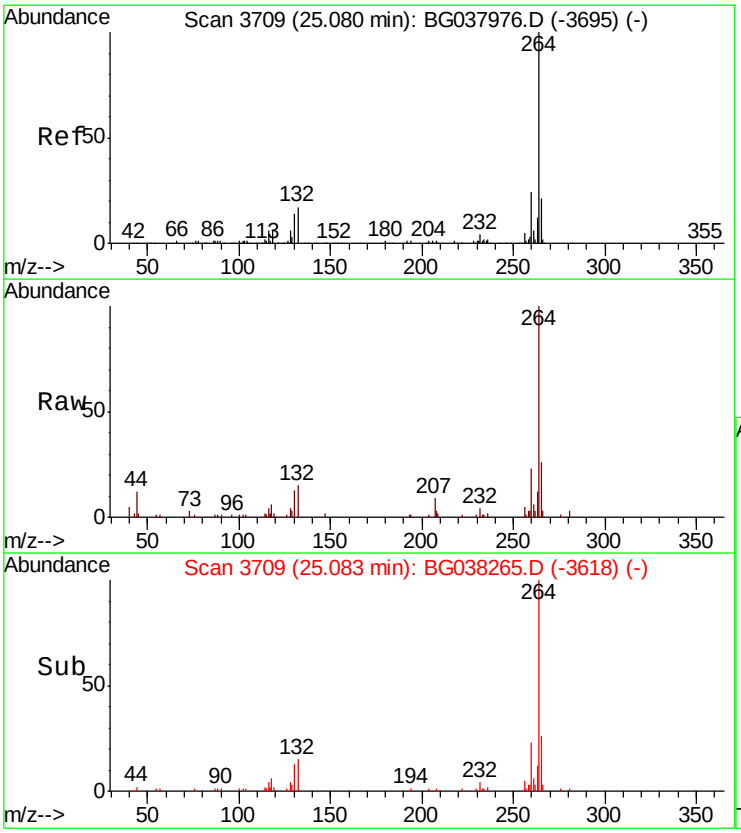
#79
Terphenyl-d14
Concen: 108.266 ng
RT: 20.07 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038265.D
Acq: 30 Nov 2018 20:00

Instrument : BNA_G
ClientSampleId : AU-05-112918

Tgt Ion:244 Resp: 835833

Ion	Ratio	Lower	Upper
244	100		
212	8.1	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: BG038265.D
Acq: 30 Nov 2018 20:00

Tgt Ion:264 Resp: 102774

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	26.0	17.9	26.9