Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
Data File : BG038344.D
Acq On : 5 Dec 2018 3:50
Operator : JU/SJ
Sample : J6003-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NON-UST-05A

Quant Time: Dec 05 06:03:22 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	31422	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	135466	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	87991	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	218040	20.00	ng	0.00
76) Chrysene-d12	21.73	240	223645	20.00	ng	-0.01
87) Perylene-d12	25.04	264	230852	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	127272	71.68	ng	0.00
7) Phenol-d6	7.22	99	141603	55.18	ng	0.00
23) Nitrobenzene-d5	9.25	82	210818	77.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	134456	124.47	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	486883	78.85	ng	0.00
79) Terphenyl-d14	20.06	244	853415	81.75	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.25	70	27474	13.239	ng	# 78
22) Acetophenone	8.91	105	1399	Below Cal		# 66
51) 2,6-Dinitrotoluene	14.70	165	10851	6.731	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	10851	4.880	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	9170	3.894	ng	# 1
77) Benzidine	20.06	184	15445	2.047	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
Data File : BG038344.D
Acq On : 5 Dec 2018 3:50
Operator : JU/SJ
Sample : J6003-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Dec 05 06:03:22 2018
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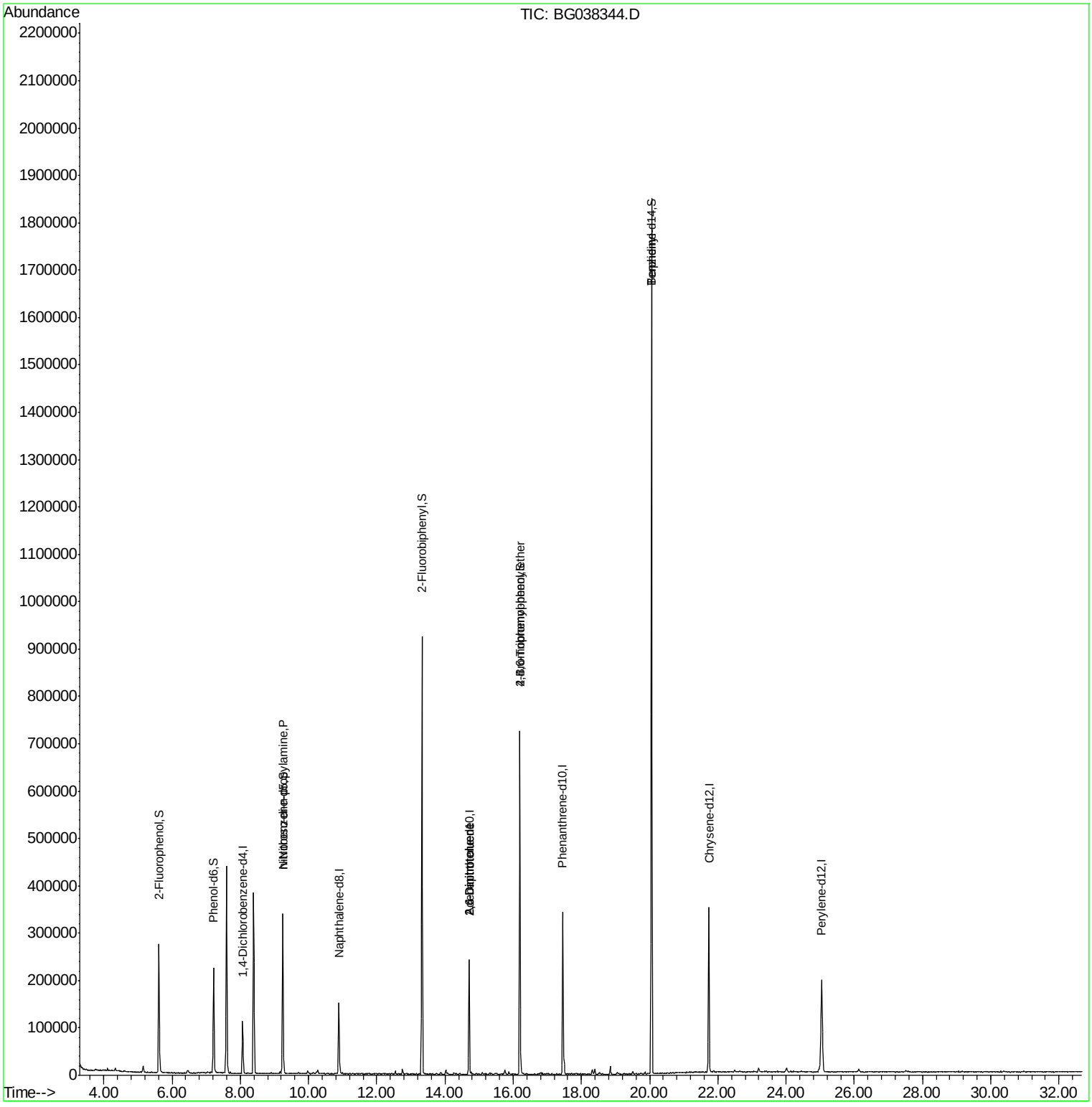
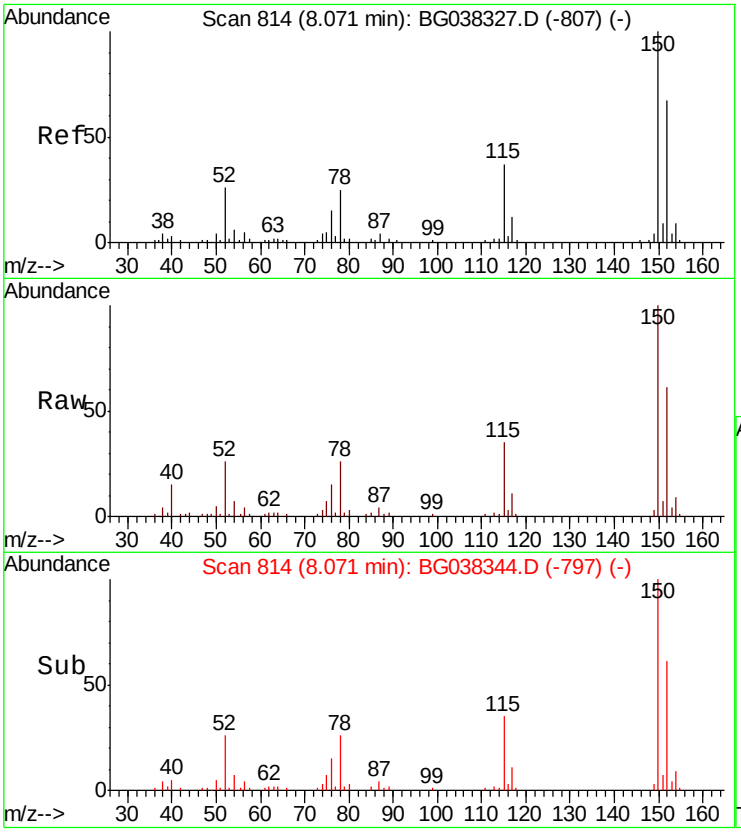
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



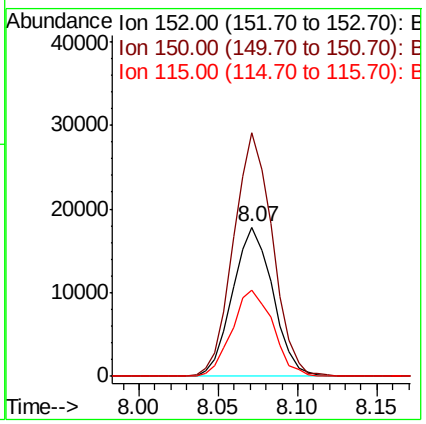


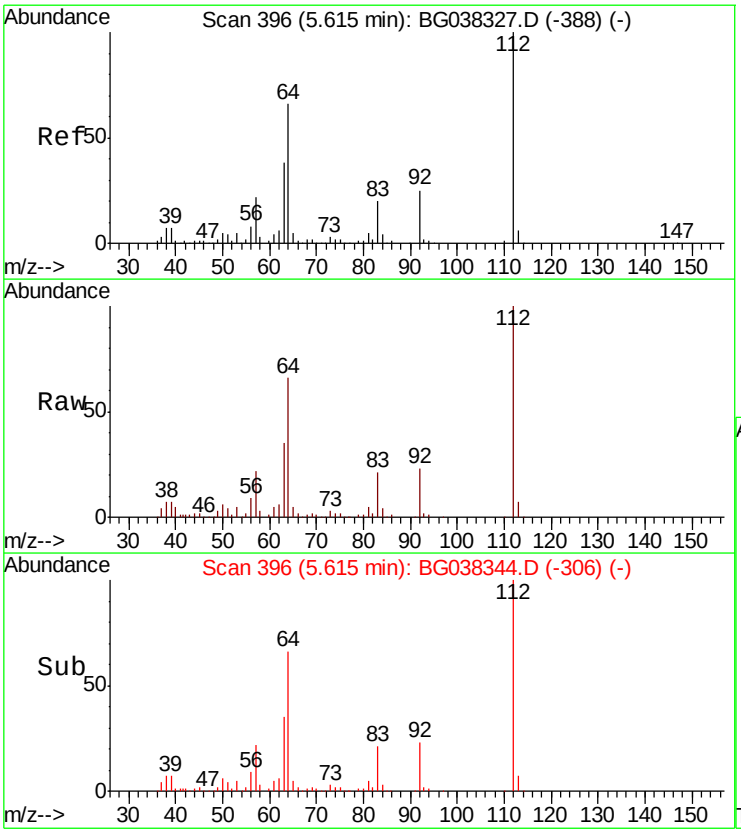
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion:152 Resp: 31422

Ion	Ratio	Lower	Upper
152	100		
150	163.3	126.0	189.0
115	57.7	45.5	68.3

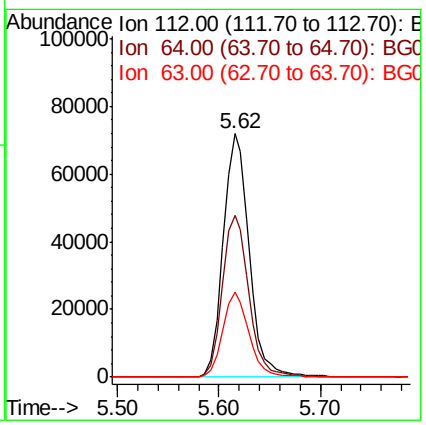


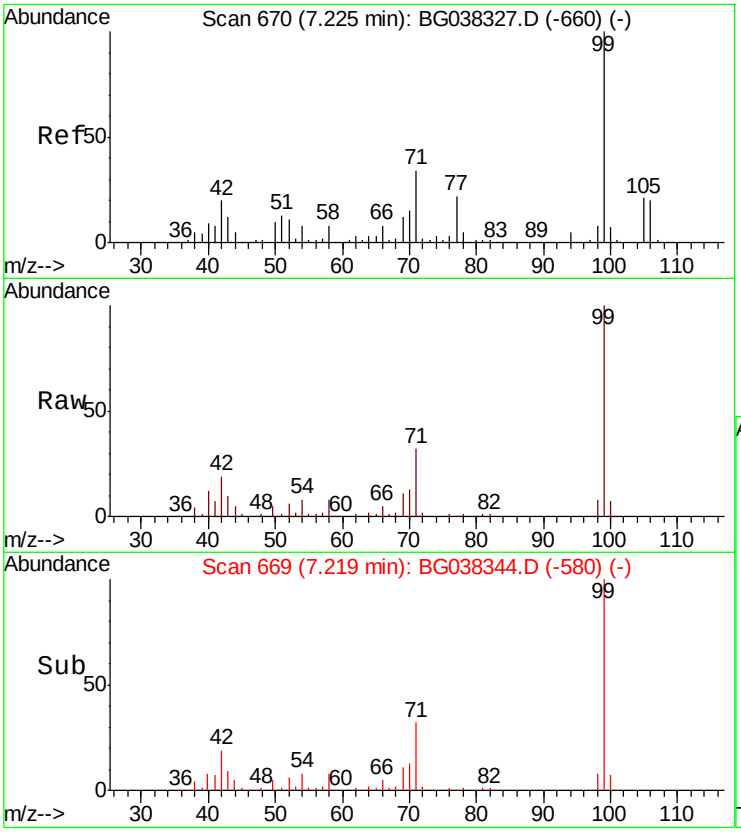


#5
2-Fluorophenol
Concen: 71.678 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:112 Resp: 127272

Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	34.9	27.3	40.9



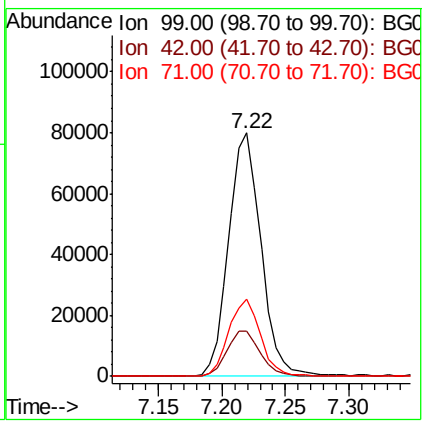


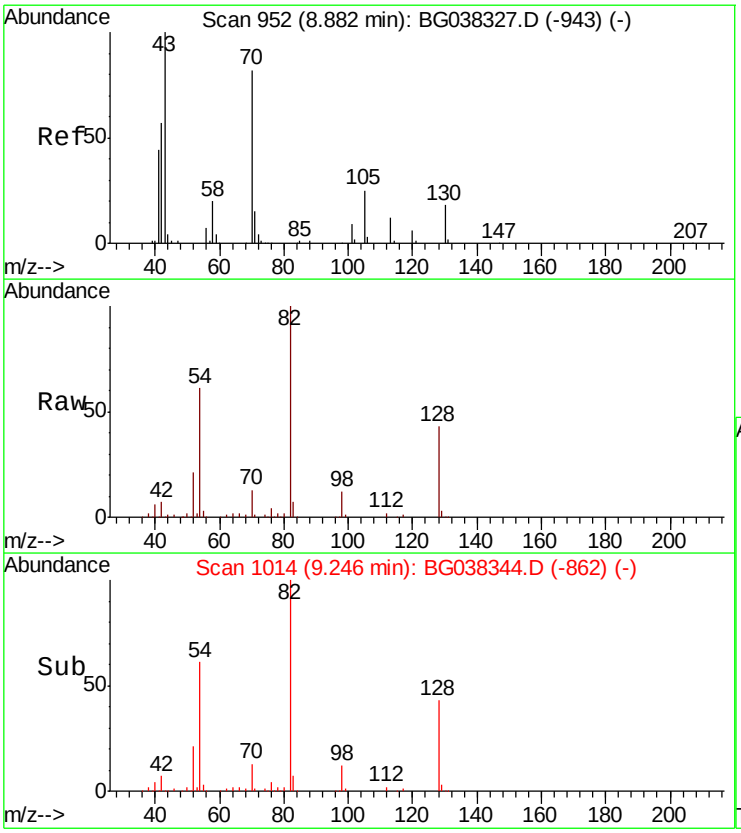
#7
Phenol-d6
Concen: 55.177 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion: 99 Resp: 141603

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	31.8	25.5	38.3

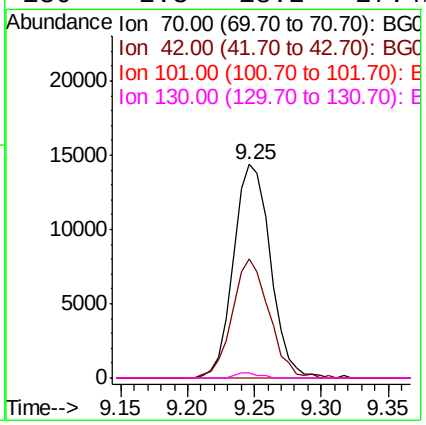


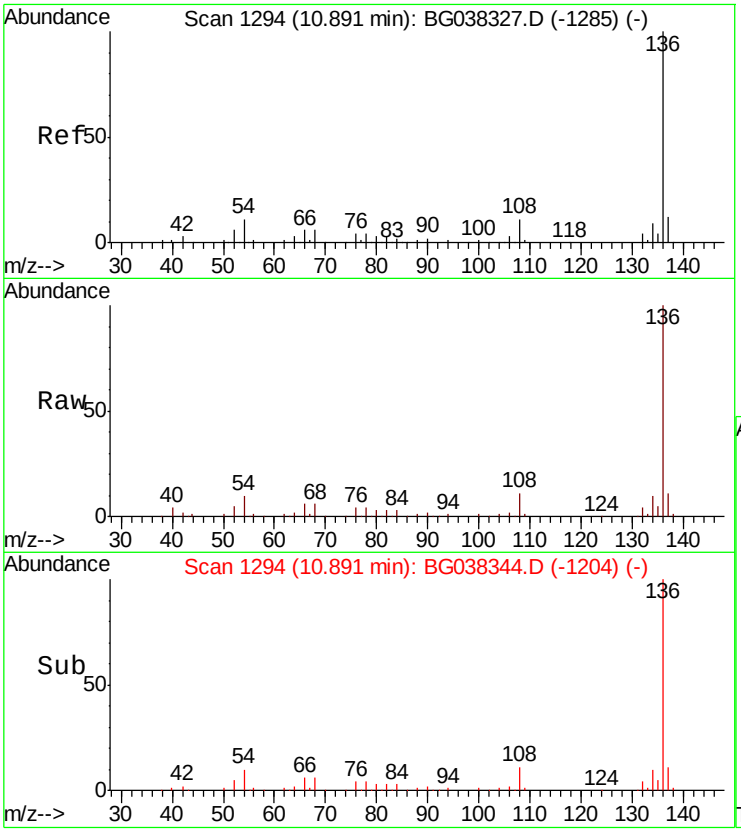


#19
n-Nitroso-di-n-propylamine
Concen: 13.239 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion: 70 Resp: 27474

Ion	Ratio	Lower	Upper
70	100		
42	55.9	53.9	80.9
101	0.0	8.2	12.2#
130	2.3	18.2	27.4#



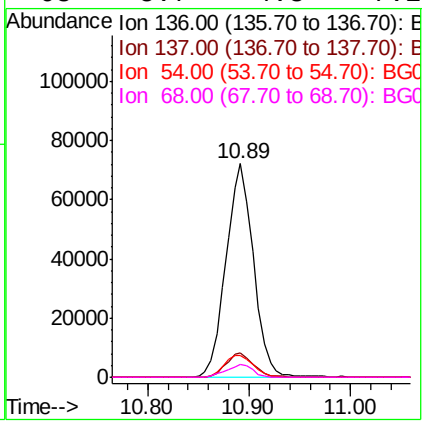


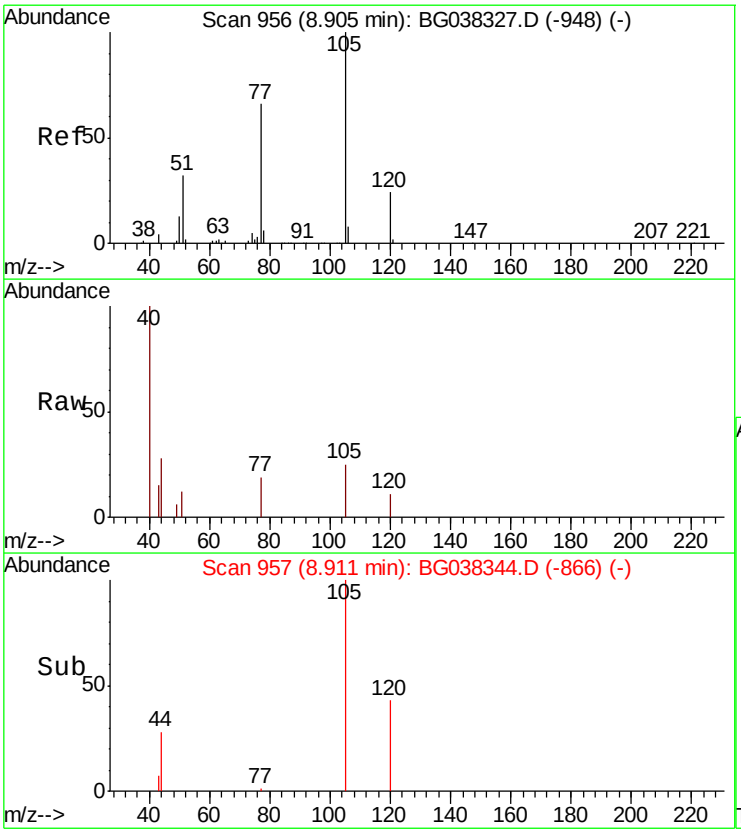
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion:136 Resp: 135466

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.3	7.9	11.9
68	5.7	4.8	7.2

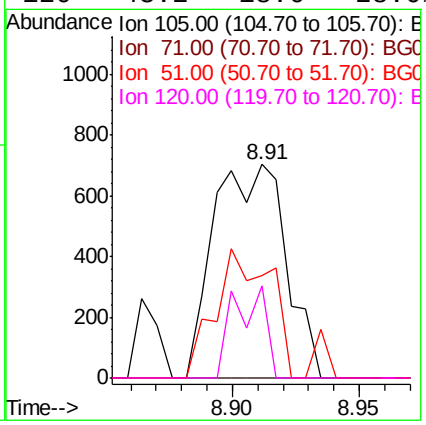


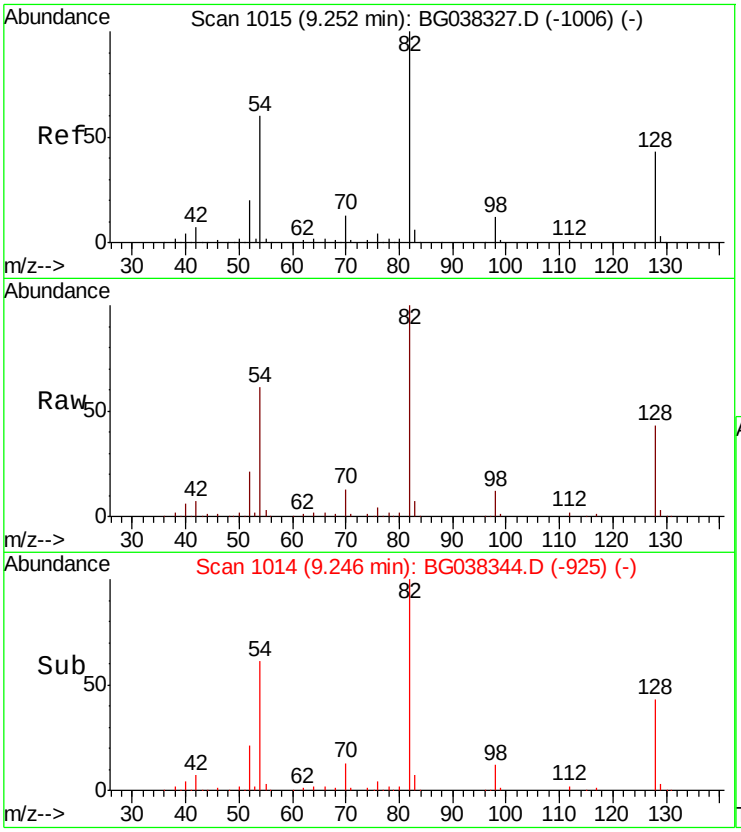


#22
Acetophenone
Concen: Below Cal
RT: 8.91 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:105 Resp: 1399

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	48.2	25.0	37.6#
120	43.2	18.6	28.0#



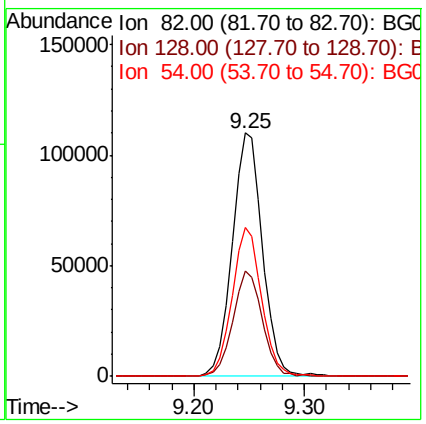


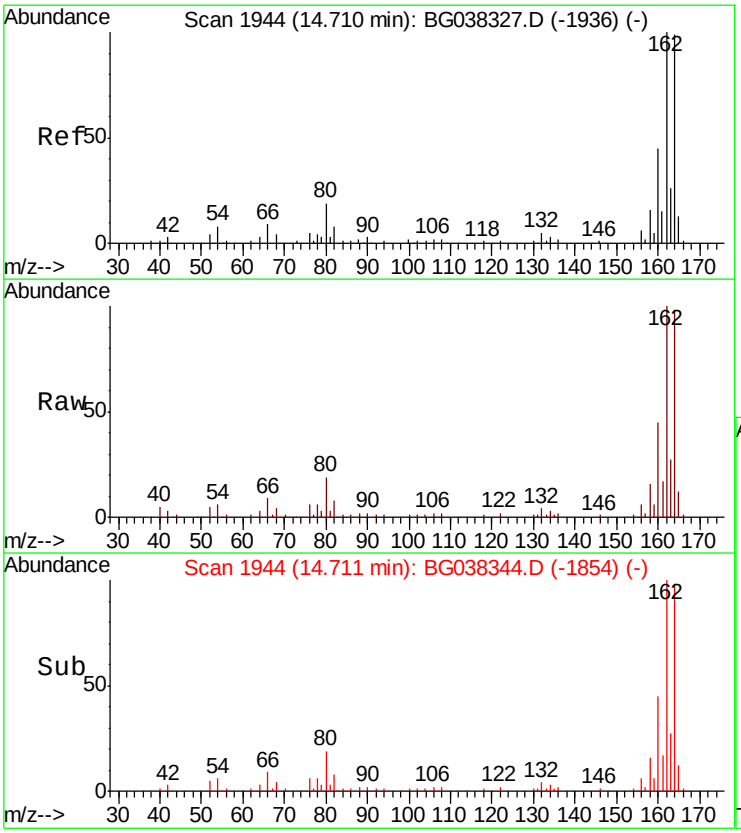
#23
Nitrobenzene-d5
Concen: 77.264 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion: 82 Resp: 210818

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	61.0	45.3	67.9

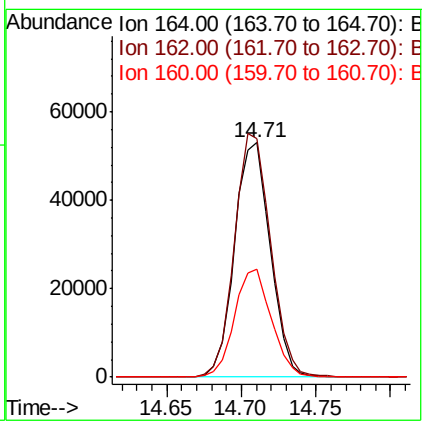


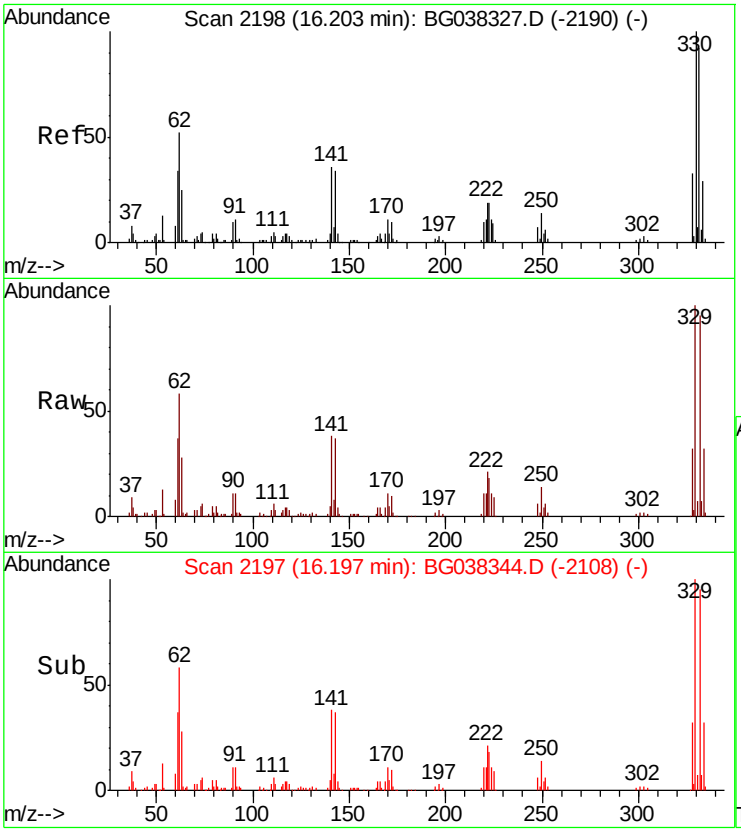


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:164 Resp: 87991

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.3	121.9
160	46.2	36.3	54.5



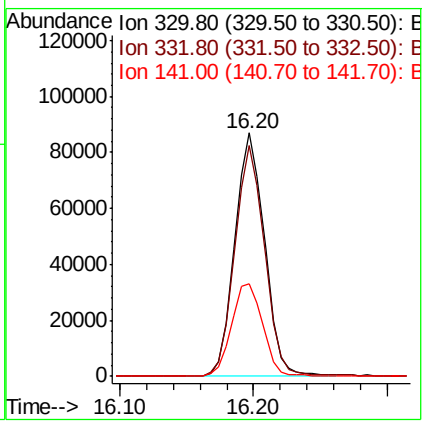


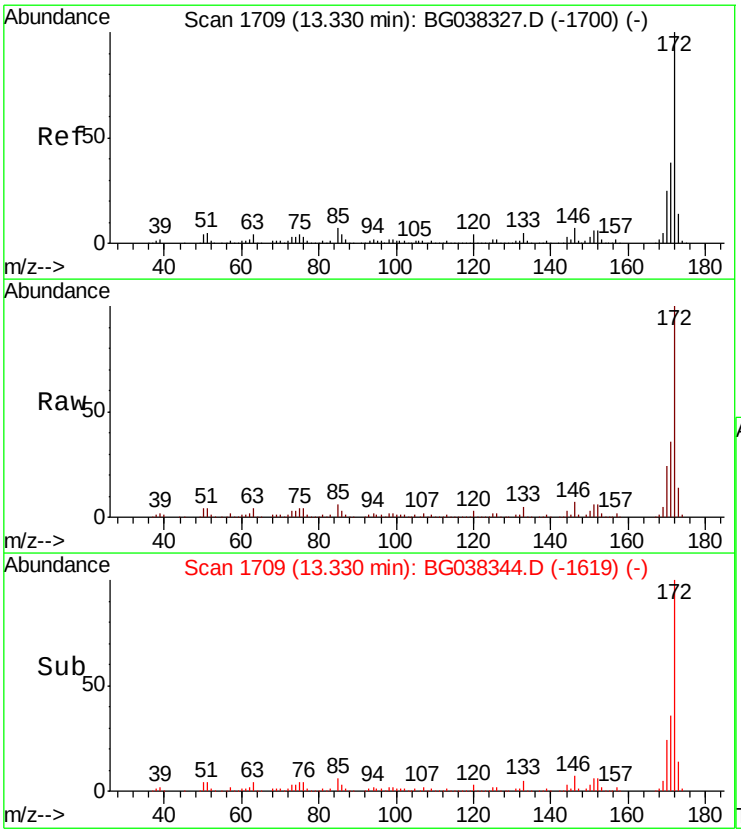
#42
2,4,6-Tribromophenol
Concen: 124.474 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion:330 Resp: 134456

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	40.1	32.2	48.2

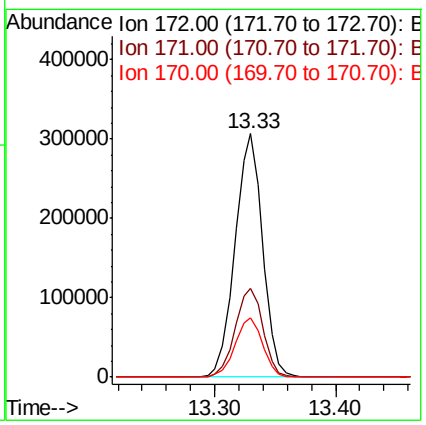


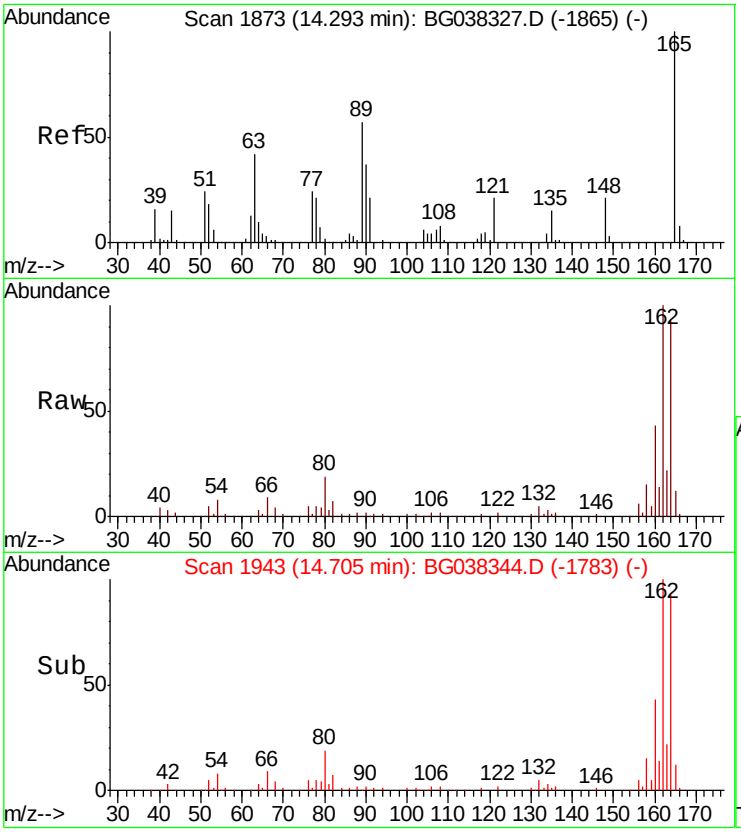


#45
2-Fluorobiphenyl
Concen: 78.845 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:172 Resp: 486883

Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.0	46.4
170	24.3	20.2	30.2



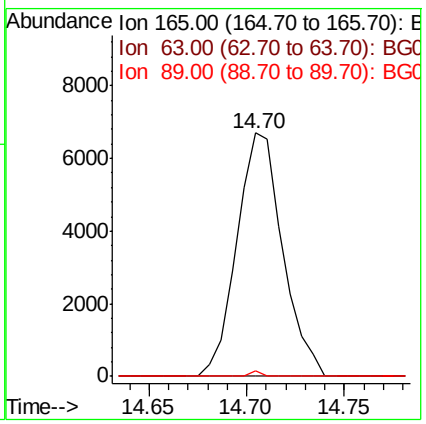


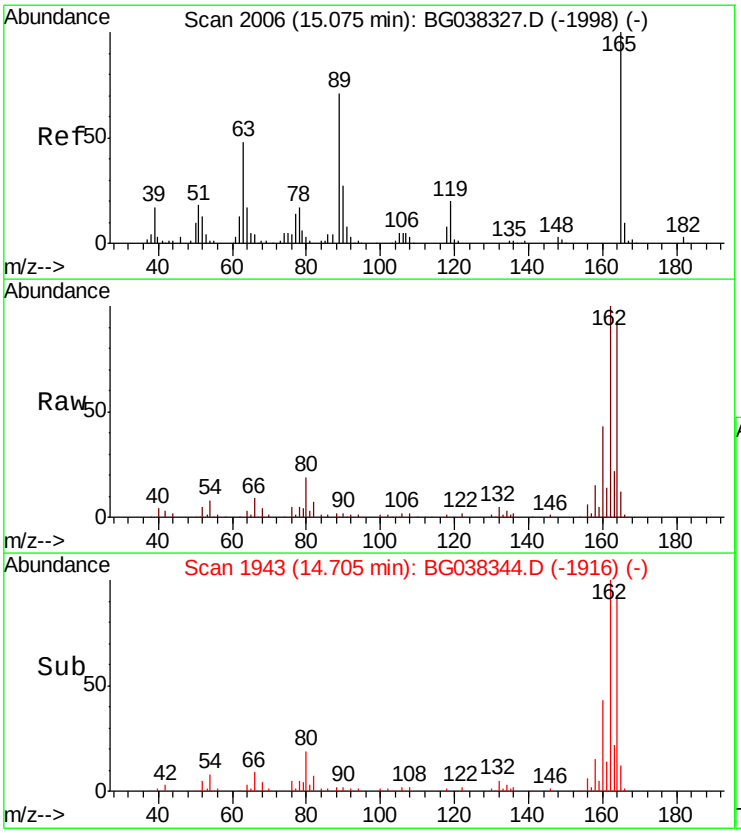
#51
2,6-Dinitrotoluene
Concen: 6.731 ng
RT: 14.70 min Scan# 1943
Delta R.T. 0.41 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion:165 Resp: 10851

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.3	45.8	68.6#

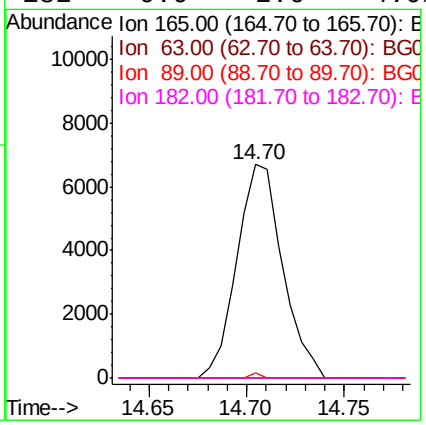


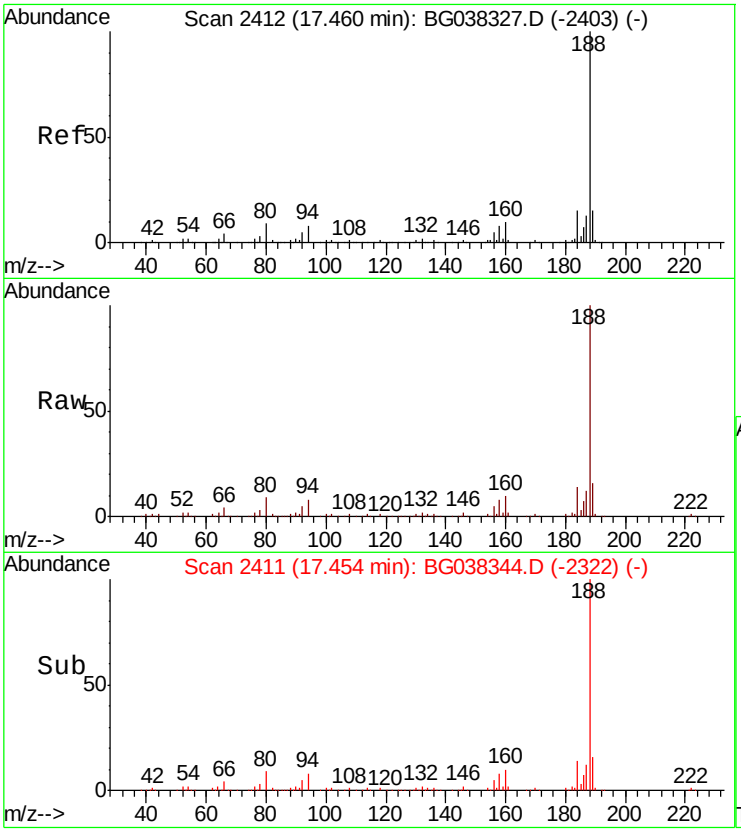


#57
2,4-Dinitrotoluene
Concen: 4.880 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.37 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:165 Resp: 10851

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.3	57.2	85.8#
182	0.0	2.6	4.0#



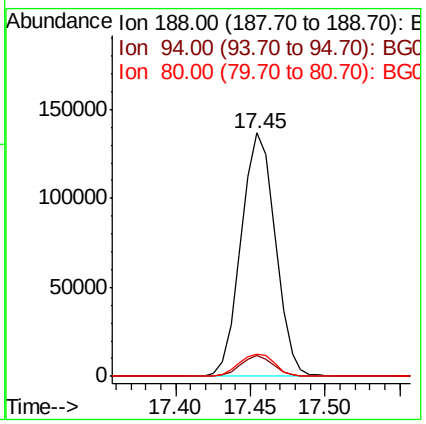


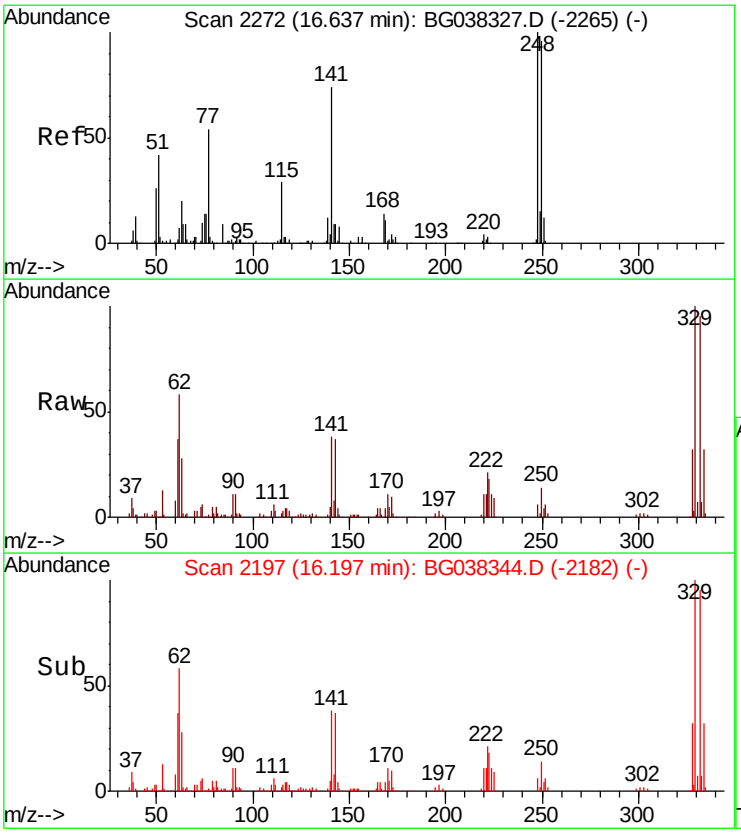
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion:188 Resp: 218040

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.2	7.7	11.5

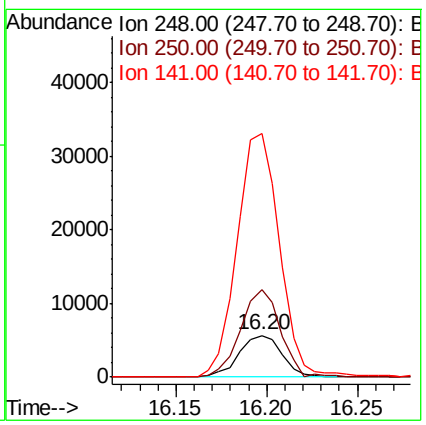


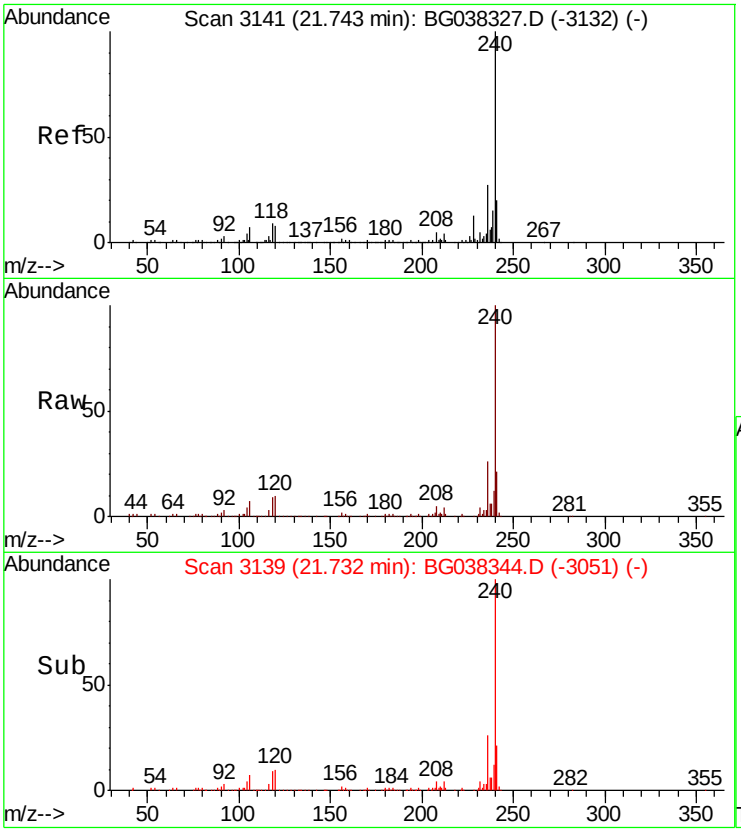


#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:248 Resp: 9170

Ion	Ratio	Lower	Upper
248	100		
250	196.7	77.0	115.6#
141	427.1	55.5	83.3#



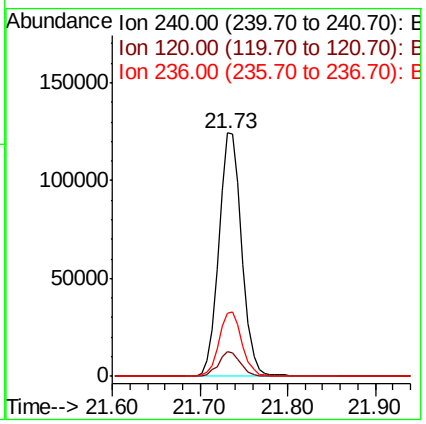


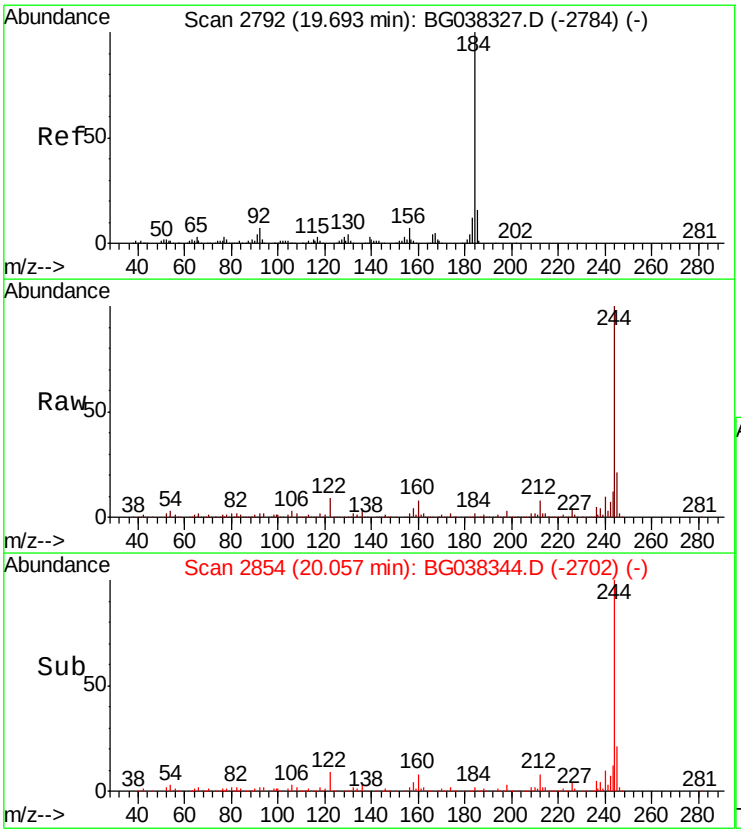
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion:240 Resp: 223645

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.7	21.4	32.0

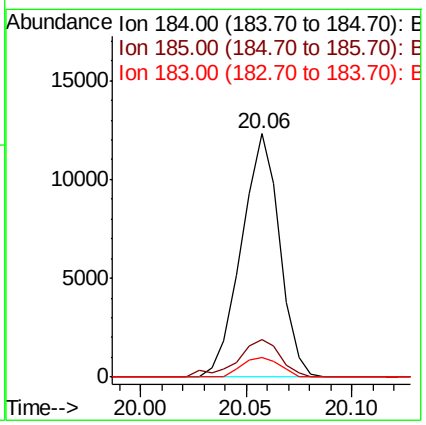


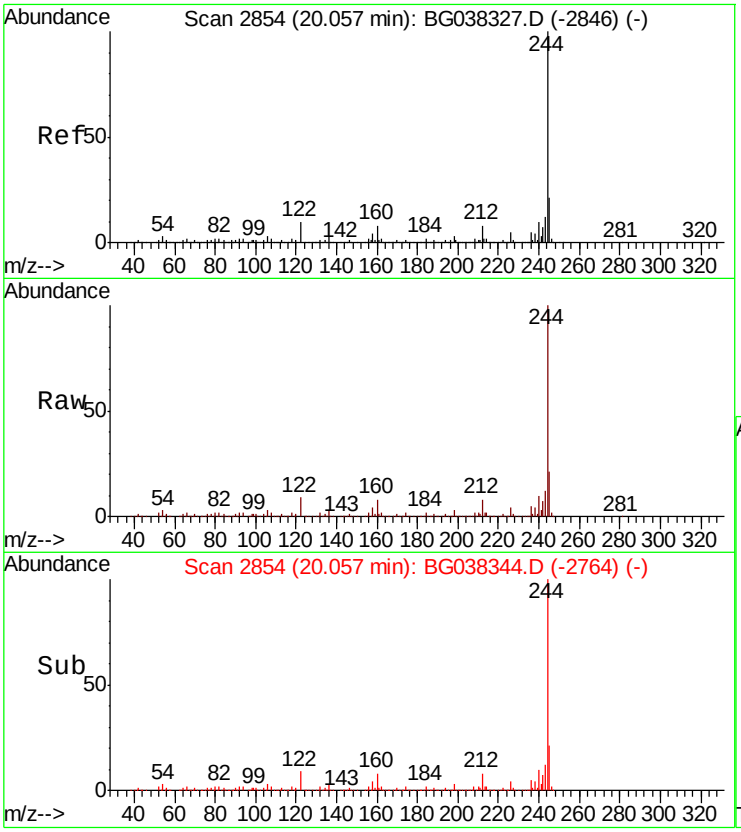


#77
Benzidine
Concen: 2.047 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.36 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:184 Resp: 15445

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	18.8
183	8.0	10.2	15.2#



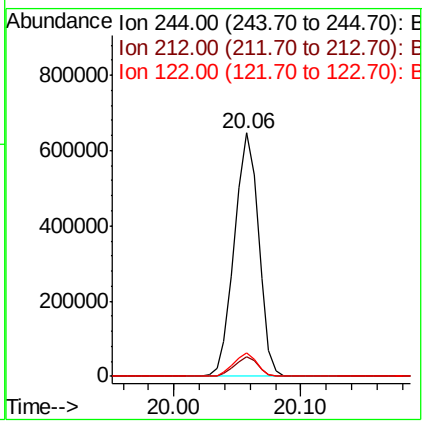


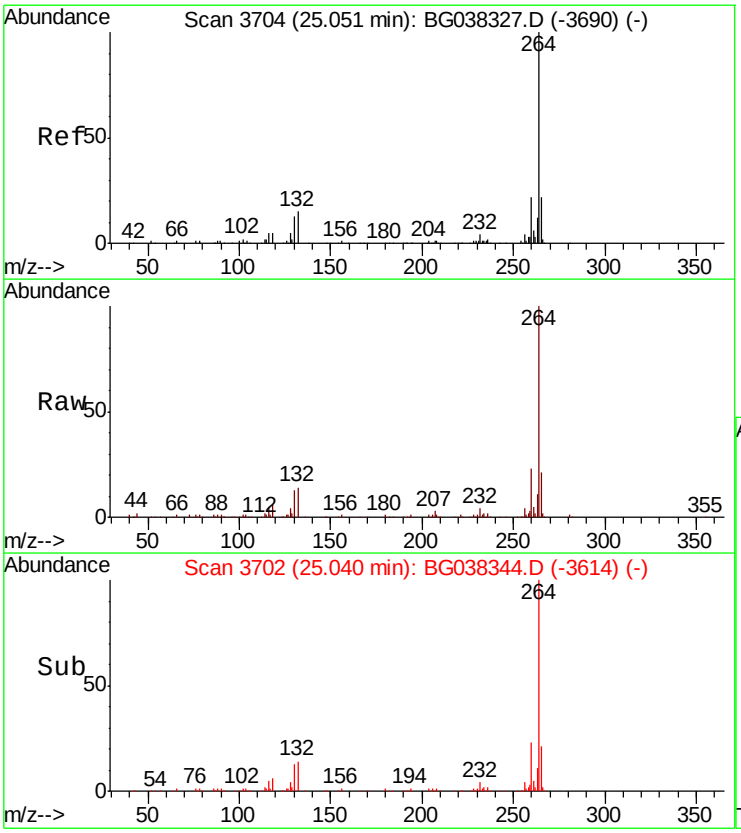
#79
Terphenyl-d14
Concen: 81.747 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tgt Ion:244 Resp: 853415

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.5	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: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:264 Resp: 230852

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.3	17.9	26.9