Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
Data File : BG038345.D
Acq On : 5 Dec 2018 4:29
Operator : JU/SJ
Sample : J6003-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NON-UST-03R-C

Quant Time: Dec 05 06:03:30 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	27131	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	119478	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	75449	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	187530	20.00	ng		0.00
76) Chrysene-d12	21.73	240	194230	20.00	ng		0.00
87) Perylene-d12	25.04	264	203219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	128123	83.57	ng		0.00
7) Phenol-d6	7.22	99	115524	52.13	ng		0.00
23) Nitrobenzene-d5	9.25	82	198937	82.67	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	122974	132.77	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	444740	83.99	ng		0.00
79) Terphenyl-d14	20.06	244	784995	86.58	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	9.18	117	12194	15.691	ng	#	1
19) n-Nitroso-di-n-propylamine	9.25	70	26416	14.995	ng	#	76
22) Acetophenone	8.91	105	1516	Below Cal		#	91
31) Naphthalene	10.94	128	61606	10.795	ng		97
33) 4-Chloroaniline	10.93	127	8372	3.314	ng	#	25
37) 2-Methylnaphthalene	12.54	142	324414	79.819	ng		98
38) 1-Methylnaphthalene	12.76	142	331094	85.055	ng		100
52) Acenaphthene	14.77	154	20113	4.552	ng		96
55) Dibenzofuran	15.11	168	28511	3.903	ng	#	87
56) 4-Nitrophenol	14.91	139	3744	3.183	ng	#	19
58) Fluorene	15.75	166	38047	7.070	ng		98
67) 4-Bromophenyl-phenylether	16.20	248	8535	4.215	ng	#	1
71) Phenanthrene	17.50	178	70723	7.531	ng		97
72) Anthracene	17.50	178	70723	7.776	ng		99
77) Benzidine	20.05	184	13192	2.013	ng	#	93

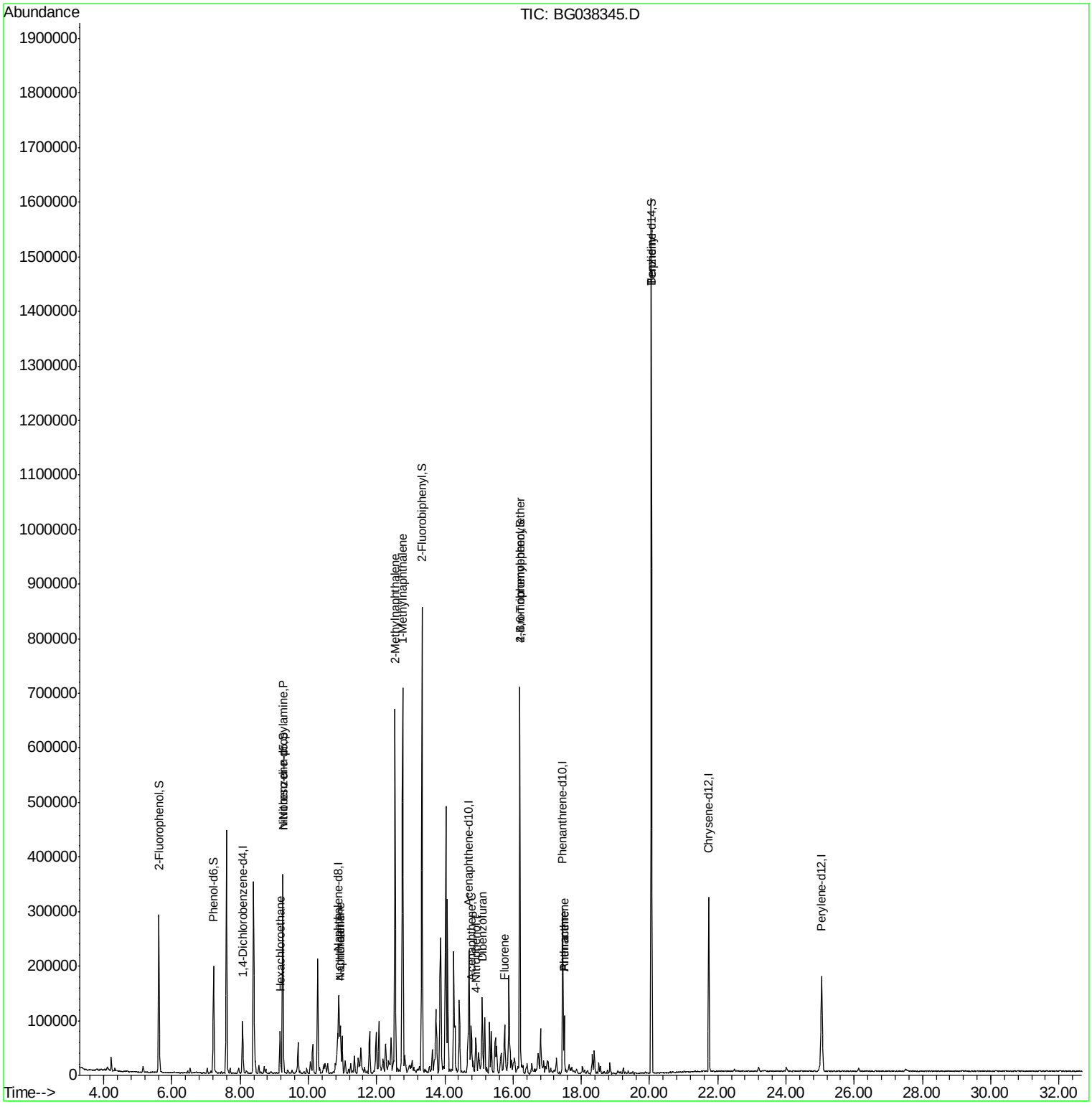
(#) = qualifier out of range (m) = manual integration (+) = signals summed

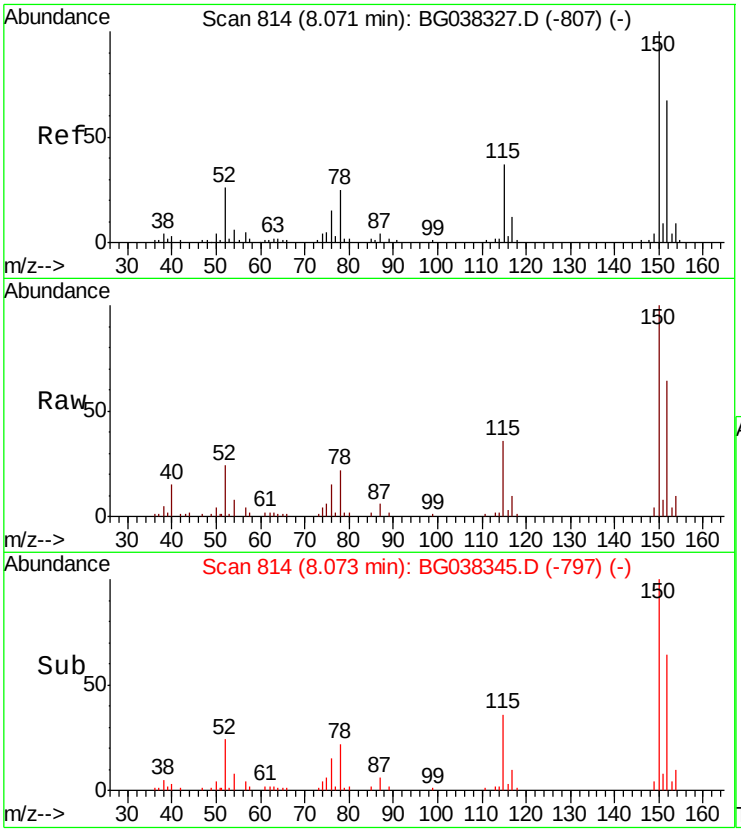
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
Data File : BG038345.D
Acq On : 5 Dec 2018 4:29
Operator : JU/SJ
Sample : J6003-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Quant Time: Dec 05 06:03:30 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



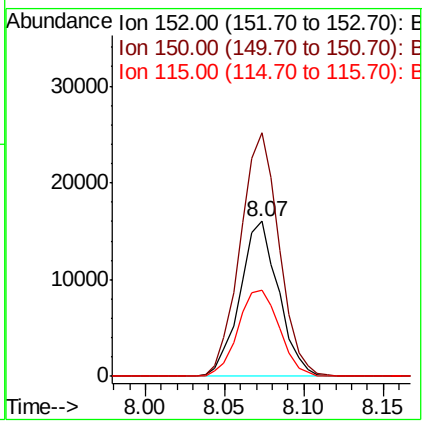


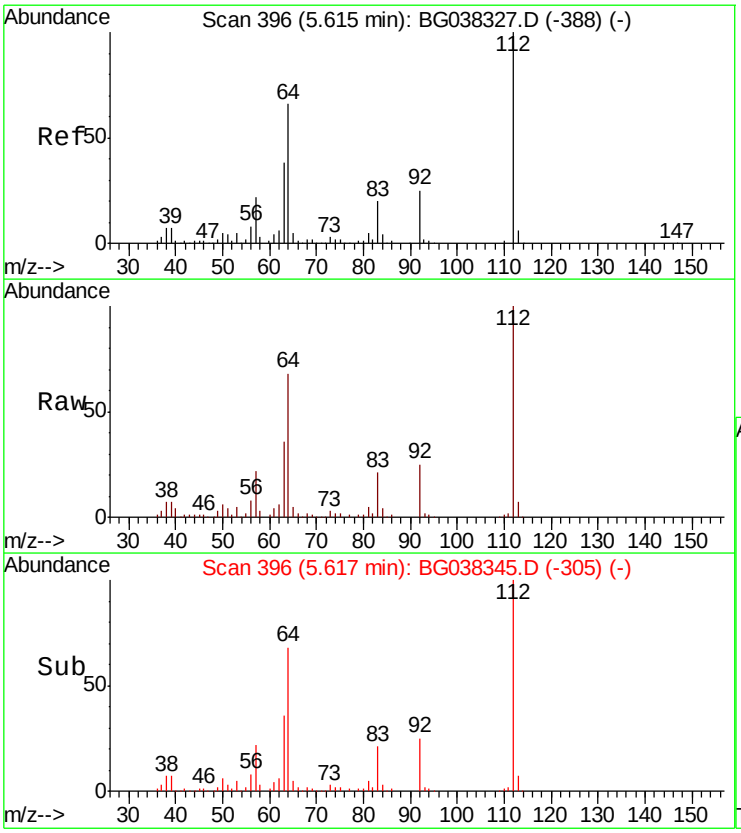
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:152 Resp: 27131

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.0	189.0
115	55.9	45.5	68.3

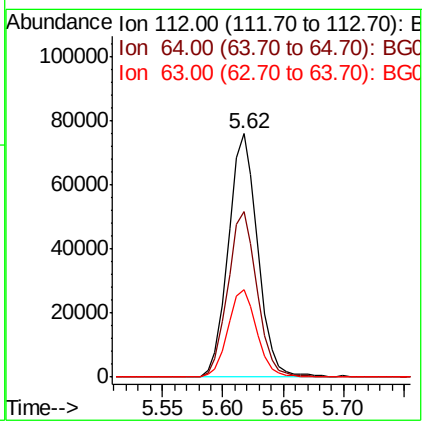


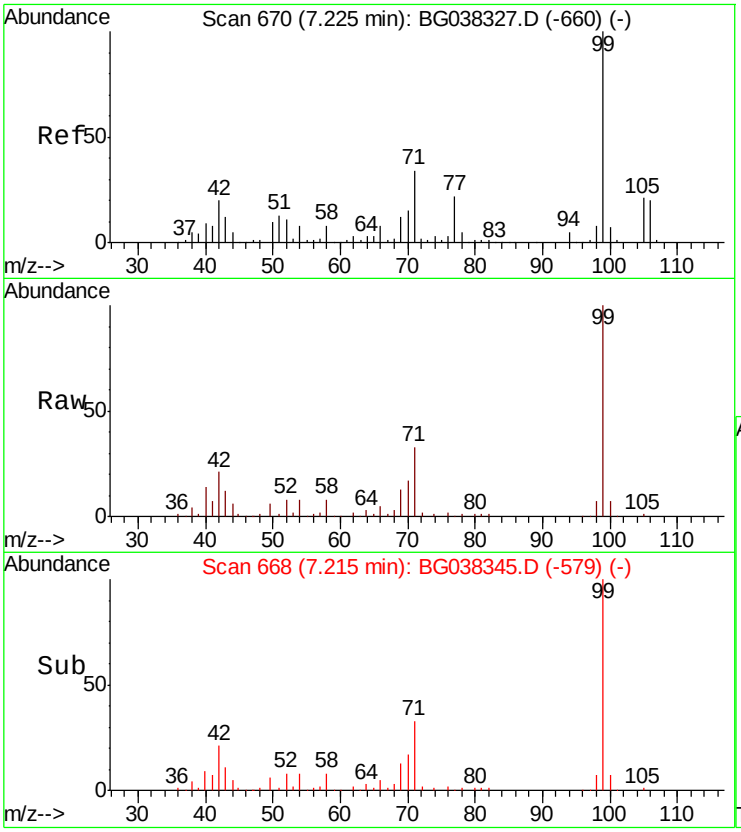


#5
2-Fluorophenol
Concen: 83.569 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:112 Resp: 128123

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.1	79.7
63	35.9	27.3	40.9



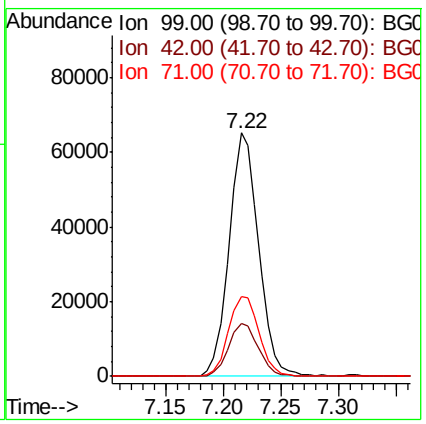


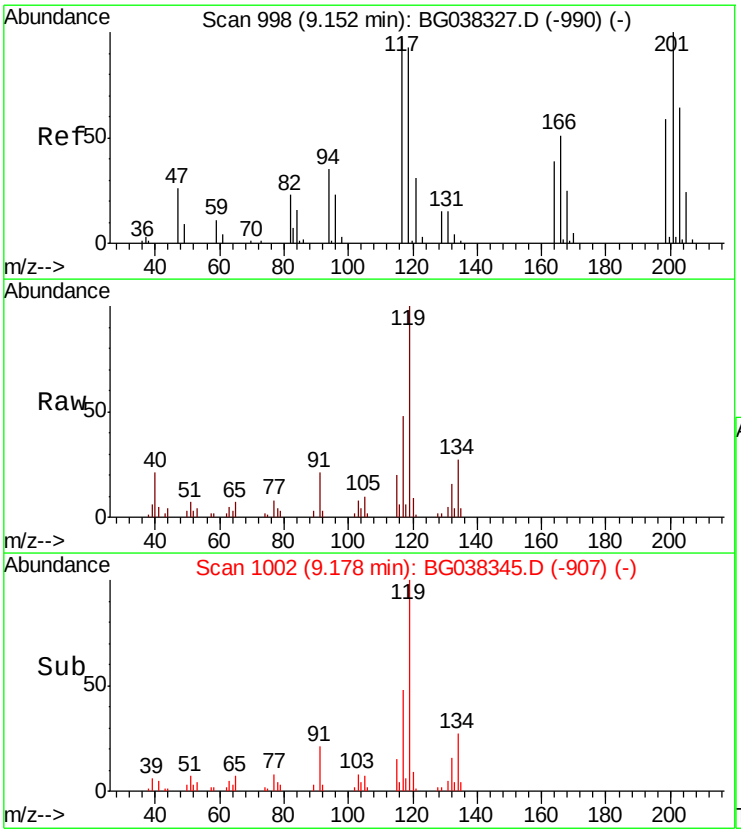
#7
Phenol-d6
Concen: 52.134 ng
RT: 7.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion: 99 Resp: 115524

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.0	22.4
71	32.9	25.5	38.3

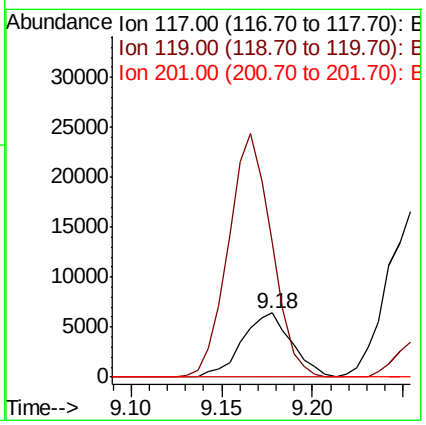


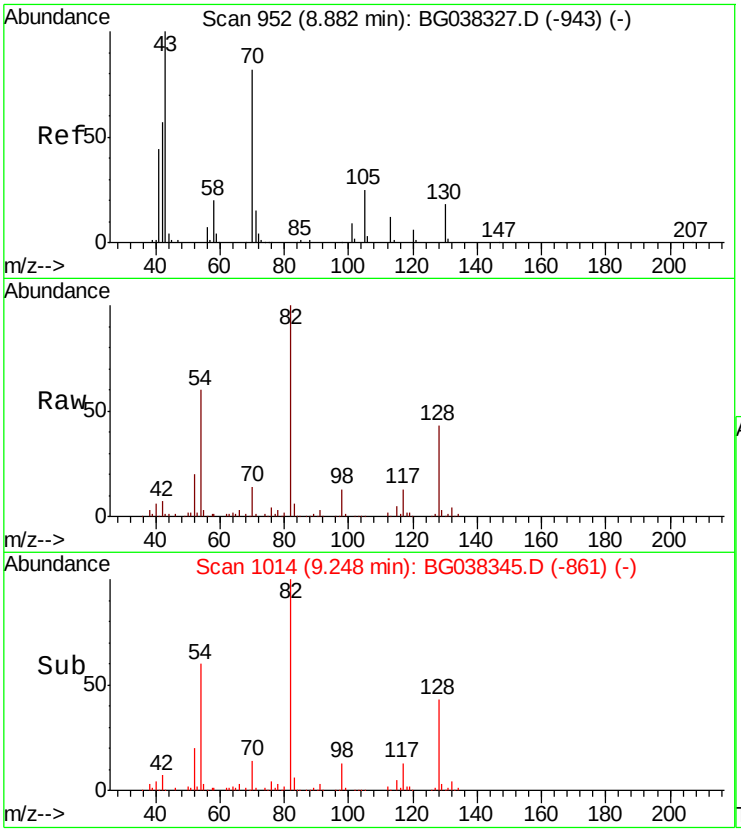


#18
Hexachloroethane
Concen: 15.691 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:117 Resp: 12194

Ion	Ratio	Lower	Upper
117	100		
119	210.4	74.6	111.8#
201	0.0	80.8	121.2#



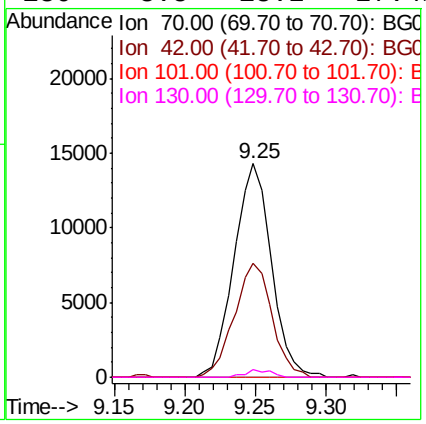


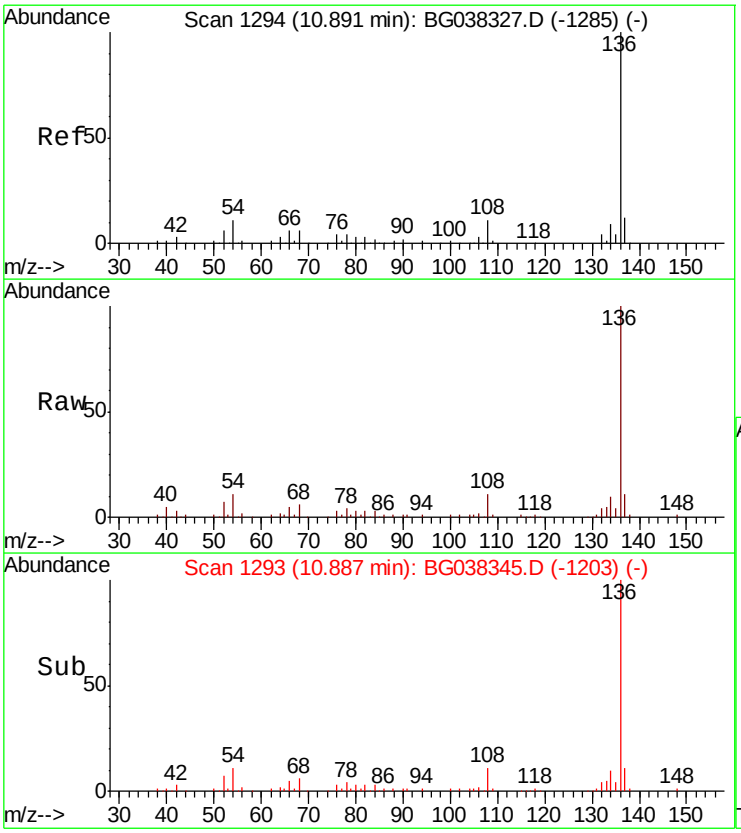
#19
n-Nitroso-di-n-propylamine
Concen: 14.995 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion: 70 Resp: 26416

Ion	Ratio	Lower	Upper
70	100		
42	53.3	53.9	80.9#
101	0.0	8.2	12.2#
130	3.5	18.2	27.4#

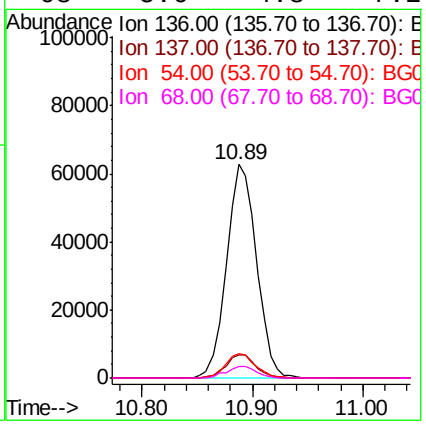


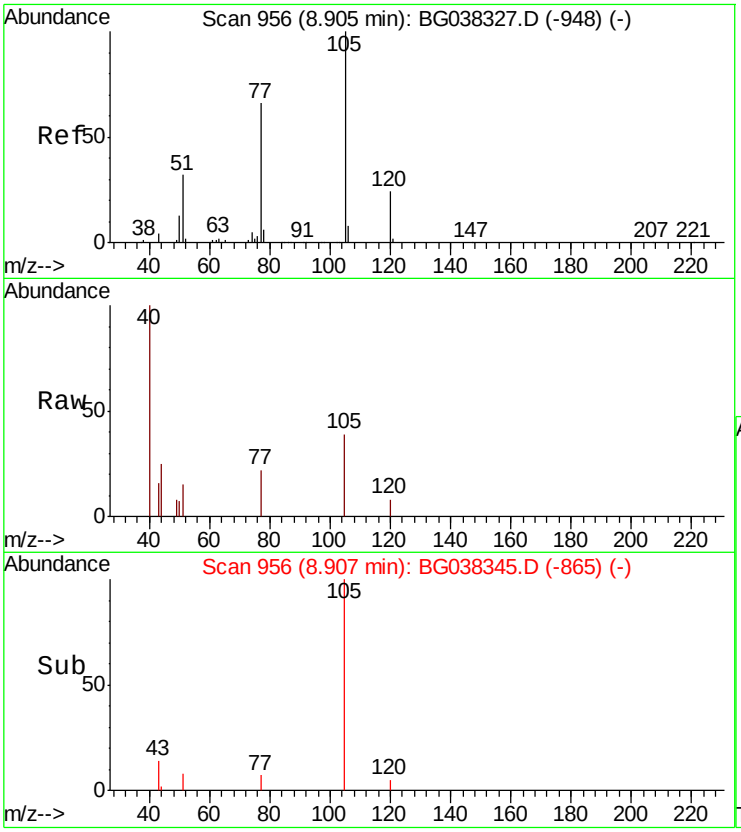


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:136 Resp: 119478

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	11.3	7.9	11.9
68	5.6	4.8	7.2



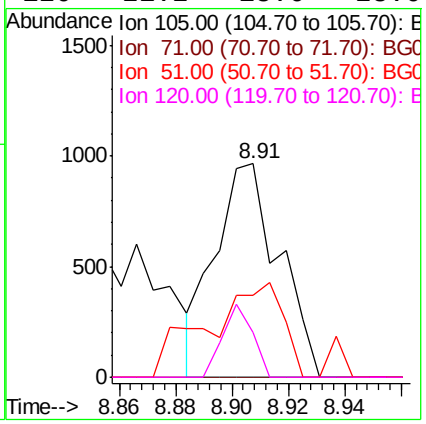


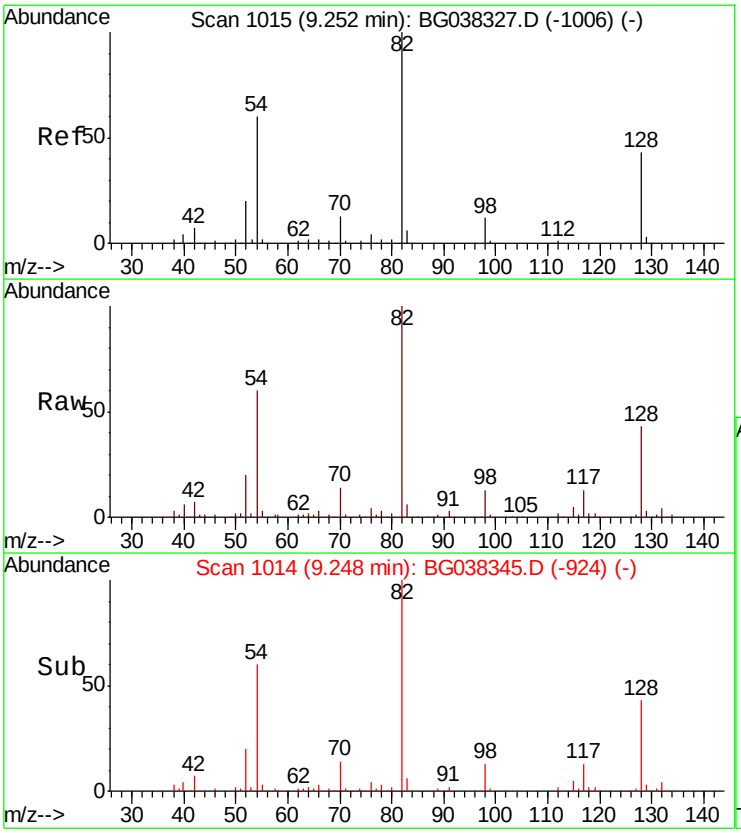
#22
Acetophenone
Concen: Below Cal
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:105 Resp: 1516

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	38.3	25.0	37.6#
120	21.2	18.6	28.0

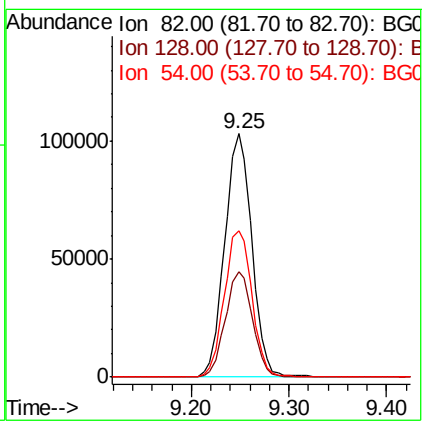


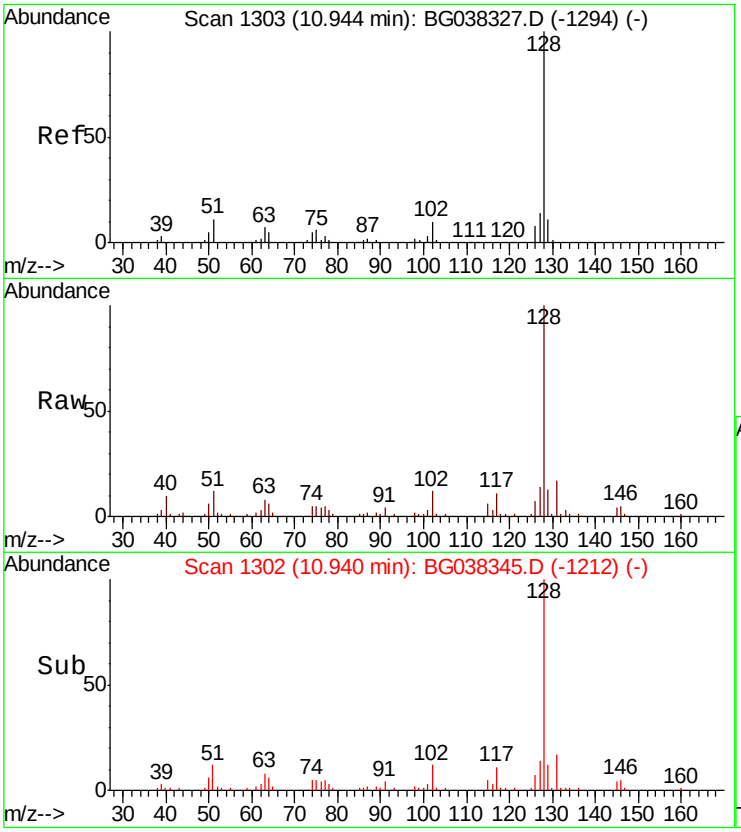


#23
Nitrobenzene-d5
Concen: 82.666 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion: 82 Resp: 198937

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	60.1	45.3	67.9



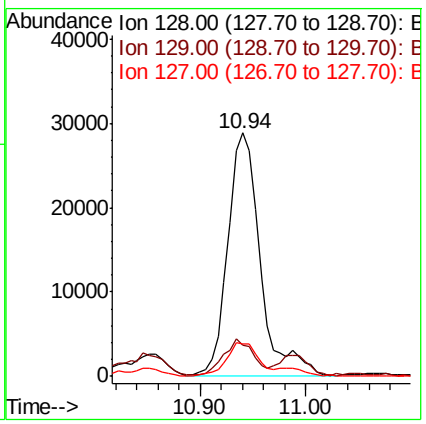


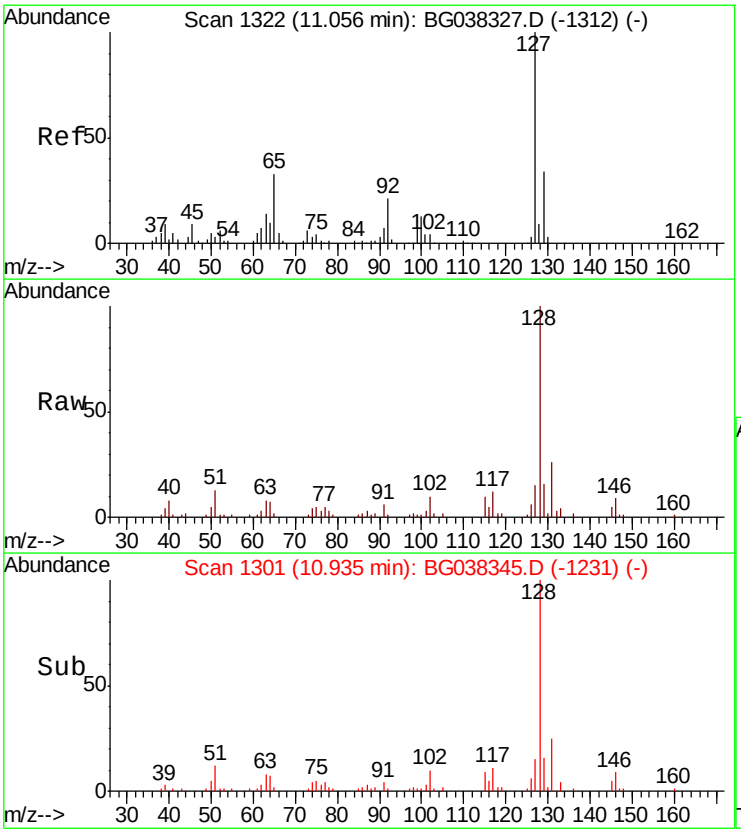
#31
Naphthalene
Concen: 10.795 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:128 Resp: 61606

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	13.5	11.1	16.7

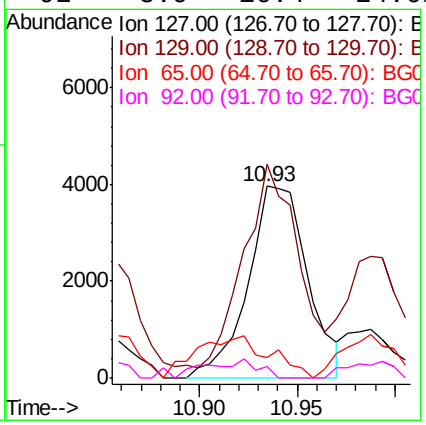


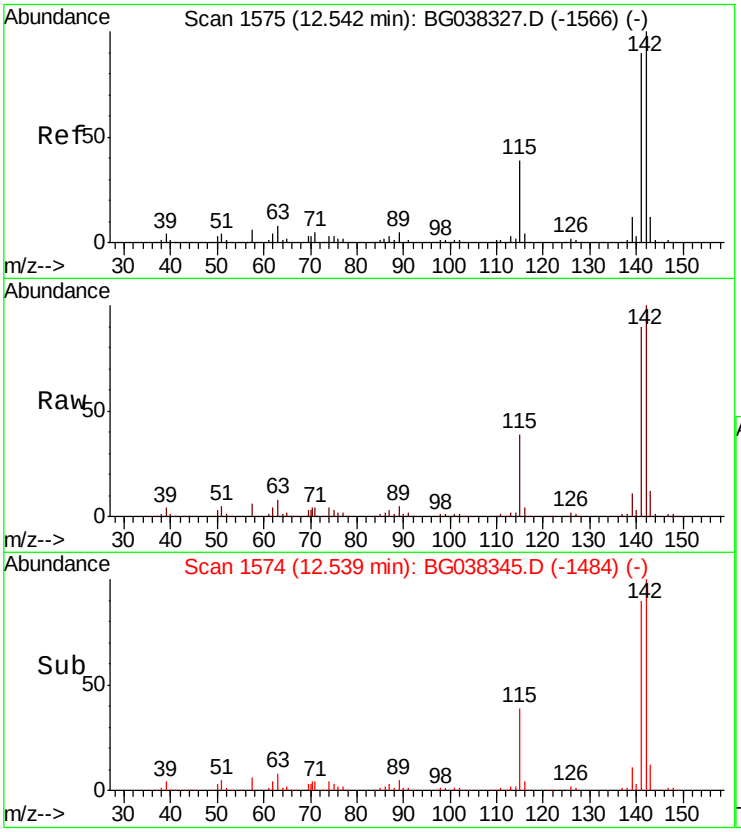


#33
4-Chloroaniline
Concen: 3.314 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.12 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:127 Resp: 8372

Ion	Ratio	Lower	Upper
127	100		
129	111.5	27.1	40.7#
65	10.9	26.6	39.8#
92	5.9	16.4	24.6#



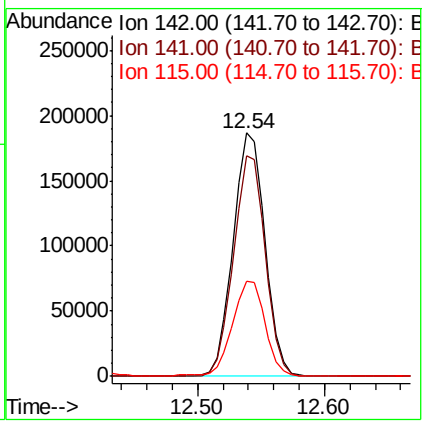


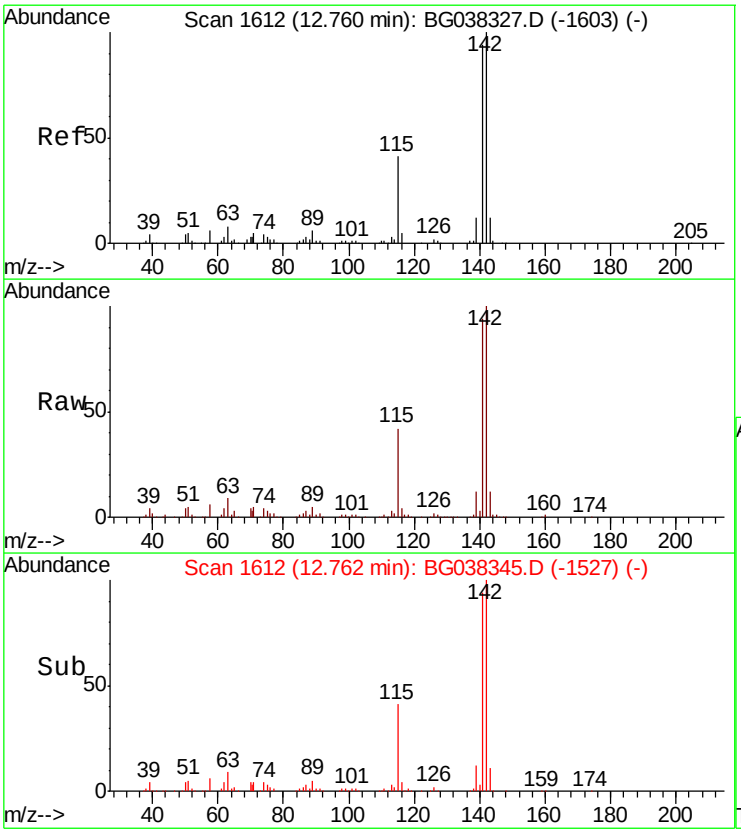
#37
2-Methylnaphthalene
Concen: 79.819 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:142 Resp: 324414

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	39.2	27.8	41.8

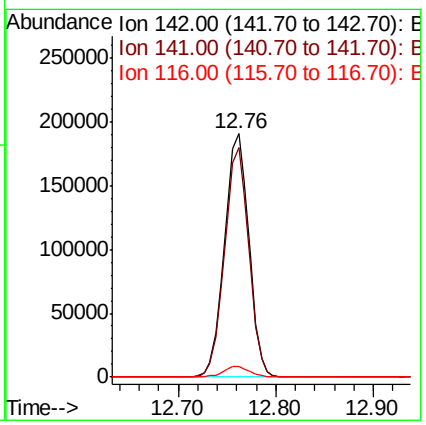


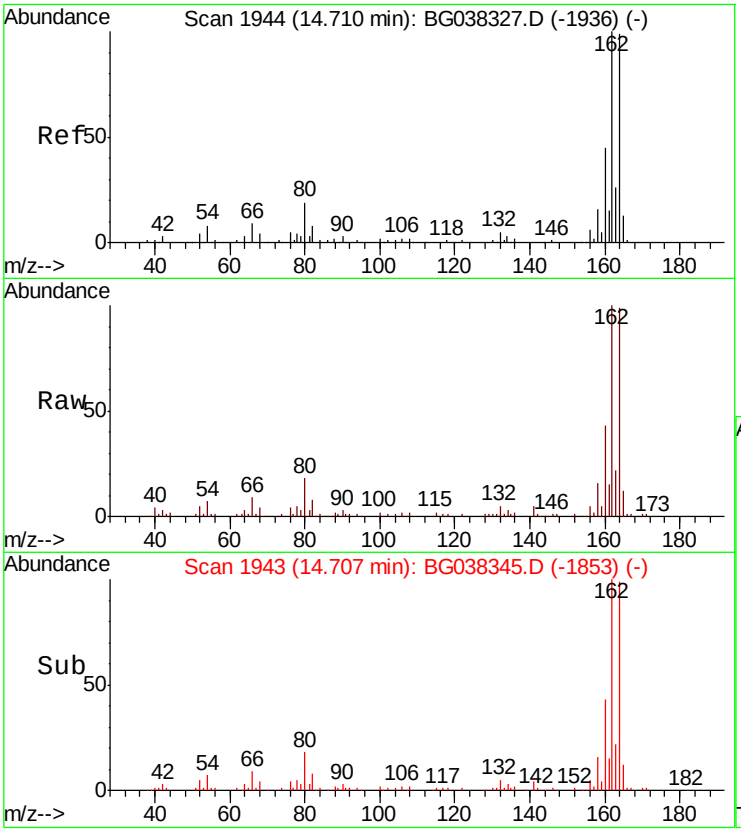


#38
1-Methylnaphthalene
Concen: 85.055 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:142 Resp: 331094

Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.5	3.3	4.9



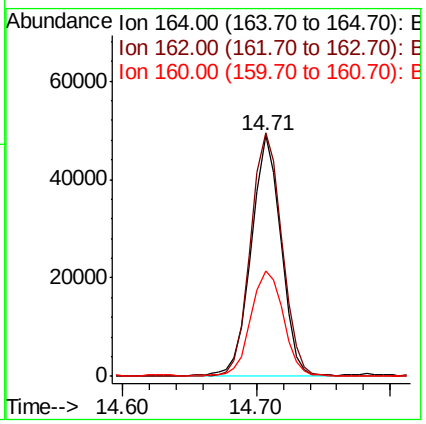


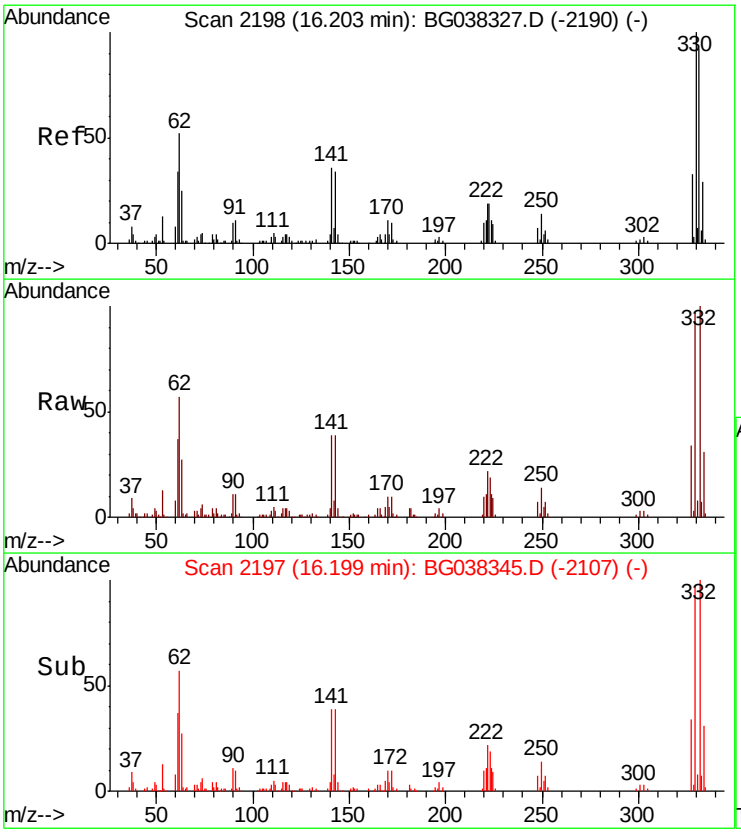
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:164 Resp: 75449

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	44.0	36.3	54.5

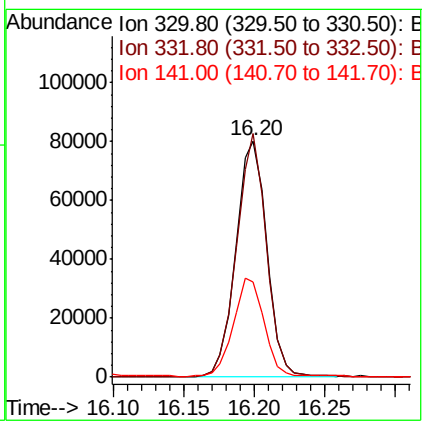


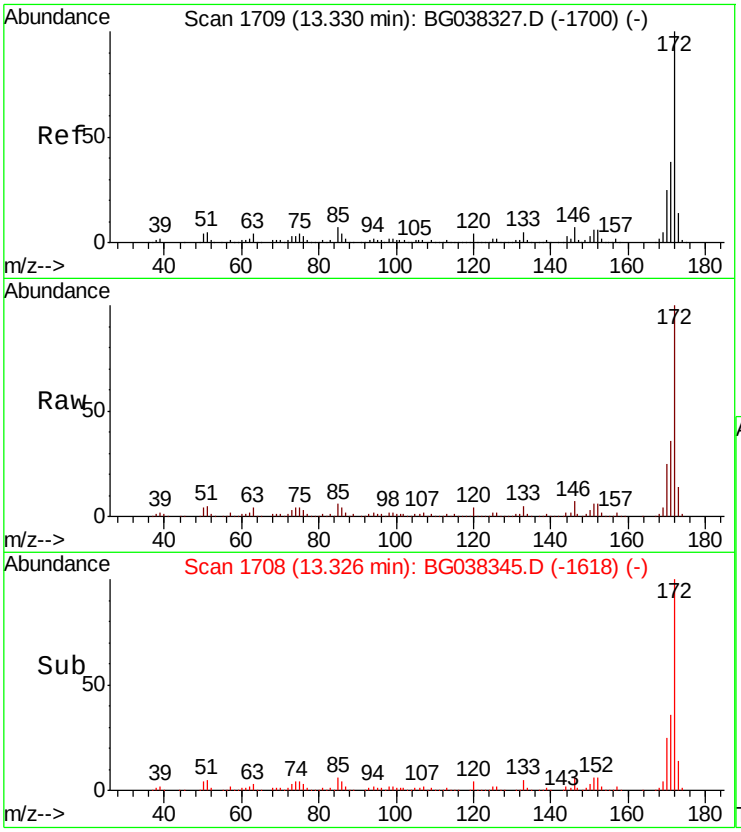


#42
2,4,6-Tribromophenol
Concen: 132.769 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:330 Resp: 122974

Ion	Ratio	Lower	Upper
330	100		
332	99.0	78.4	117.6
141	41.7	32.2	48.2



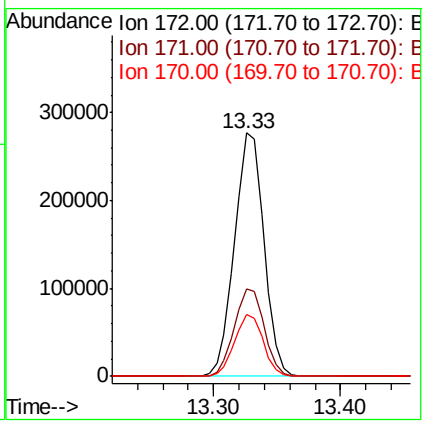


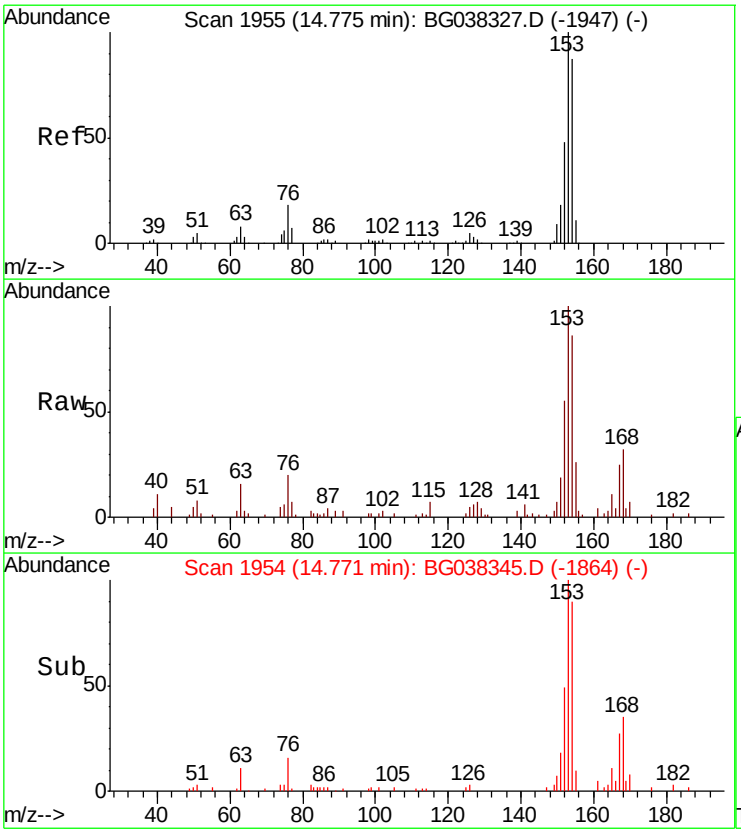
#45
2-Fluorobiphenyl
Concen: 83.993 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:172 Resp: 444740

Ion	Ratio	Lower	Upper
172	100		
171	35.8	31.0	46.4
170	25.3	20.2	30.2

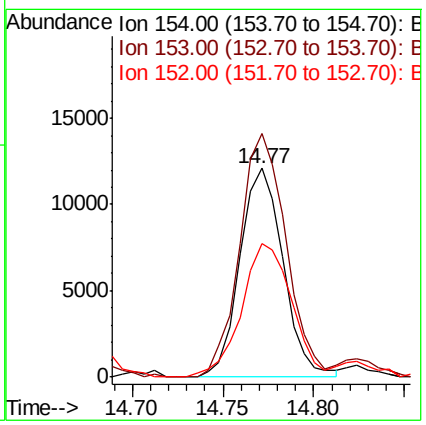


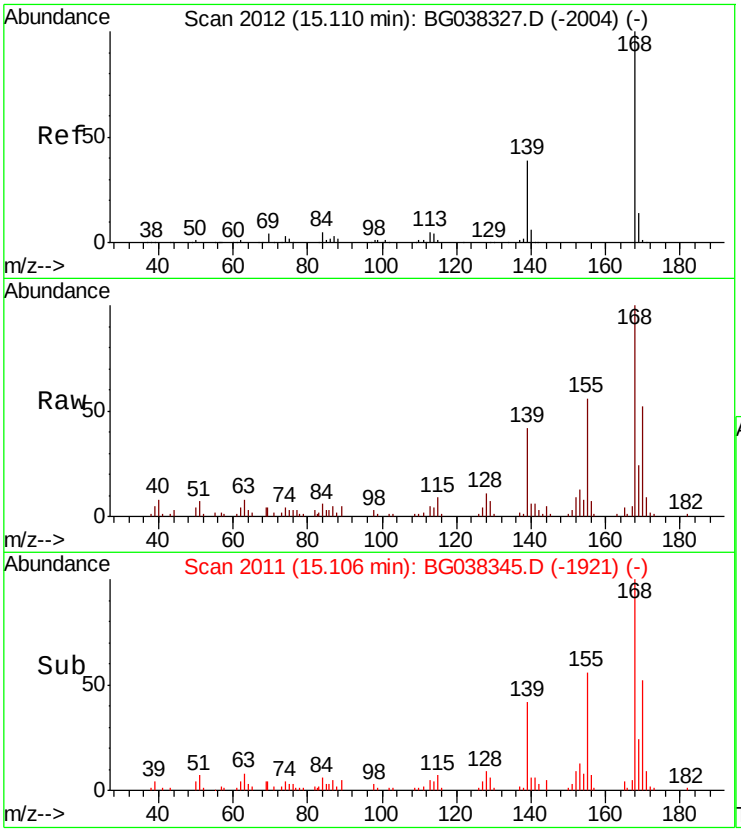


#52
Acenaphthene
Concen: 4.552 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:154 Resp: 20113

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.4	140.0
152	63.8	44.7	67.1



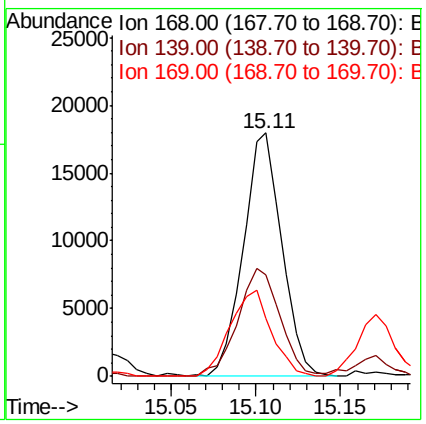


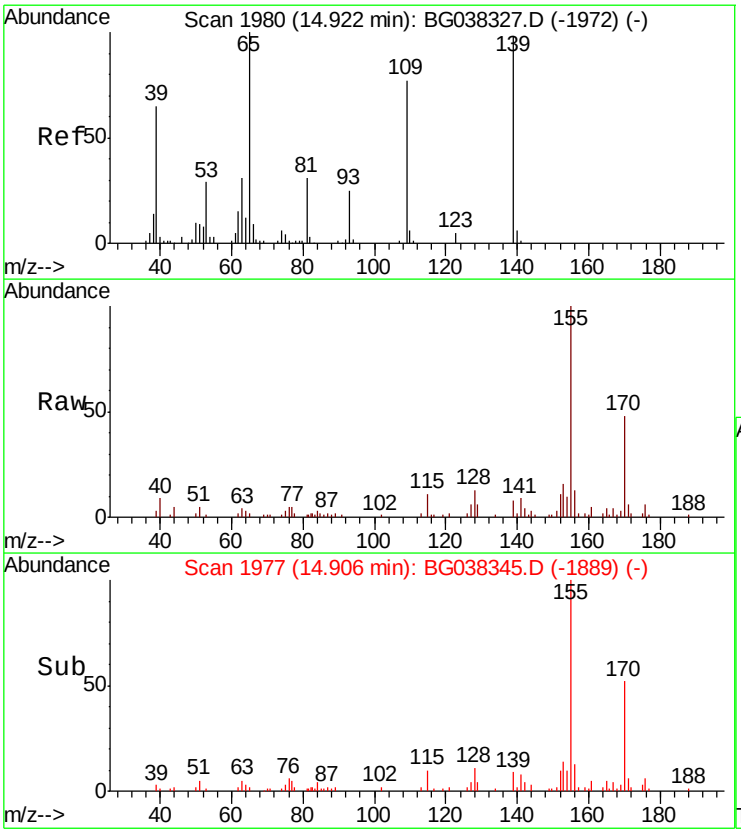
#55
Dibenzofuran
Concen: 3.903 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:168 Resp: 28511

Ion	Ratio	Lower	Upper
168	100		
139	41.5	29.4	44.0
169	24.1	11.0	16.6#

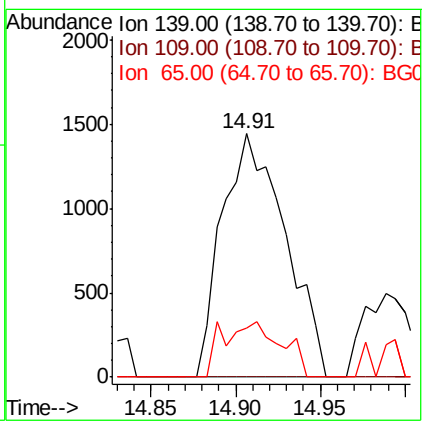


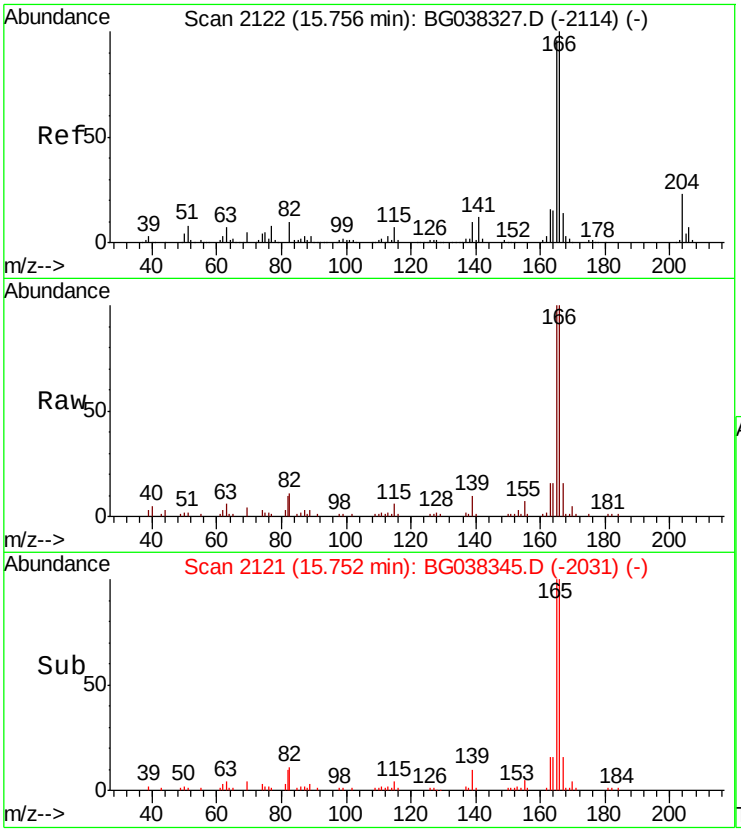


#56
4-Nitrophenol
Concen: 3.183 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:139 Resp: 3744

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.5	89.5#
65	20.2	76.8	116.8#



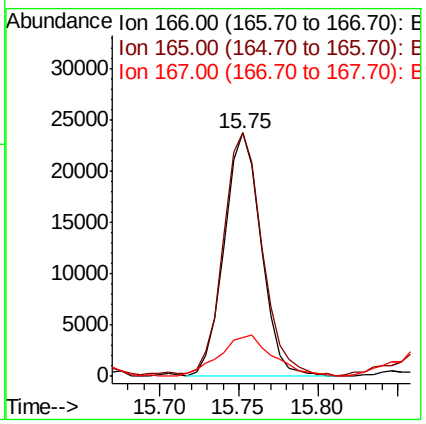


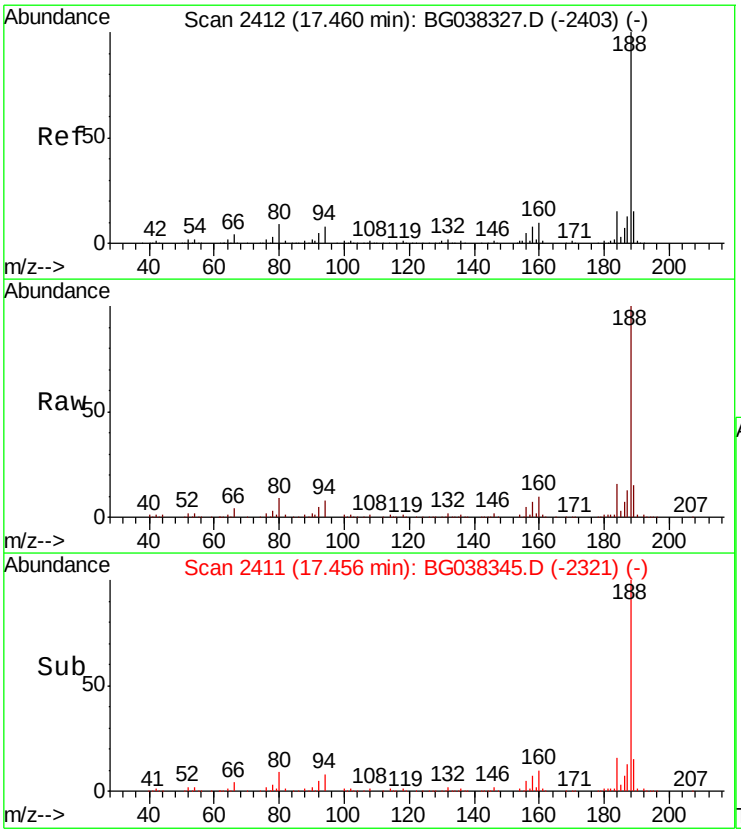
#58
Fluorene
Concen: 7.070 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:166 Resp: 38047

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.6
167	16.1	11.3	16.9

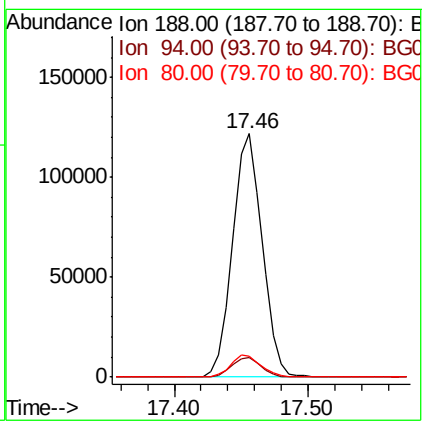


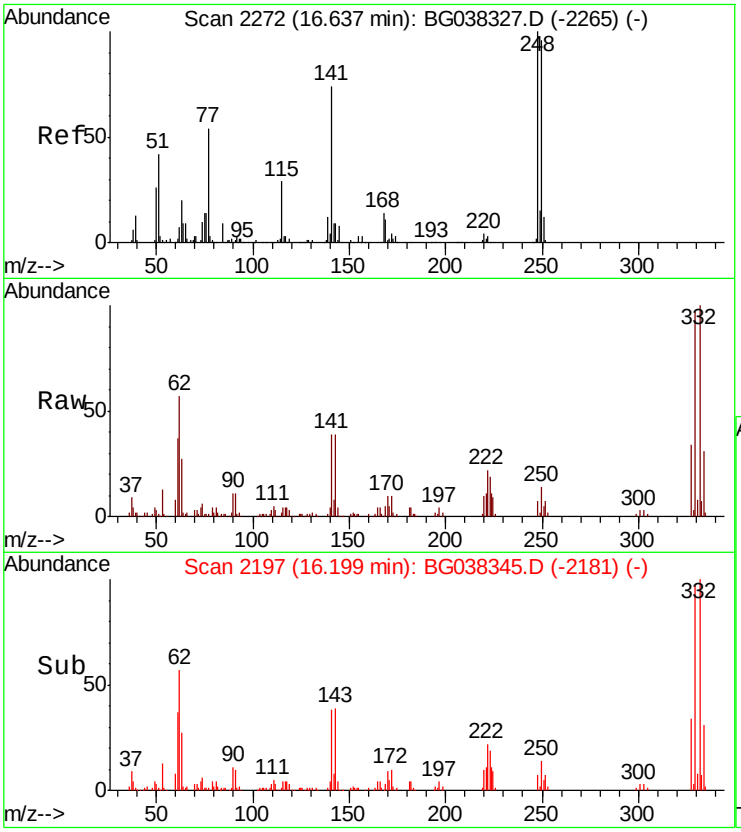


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:188 Resp: 187530

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.7	7.7	11.5



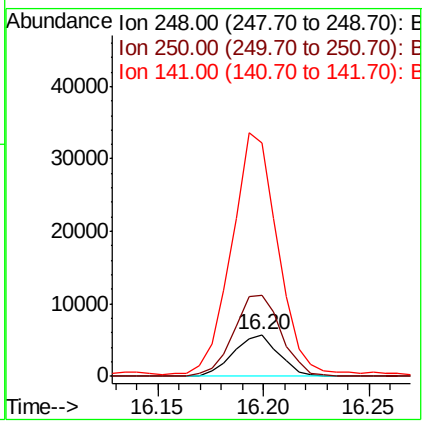


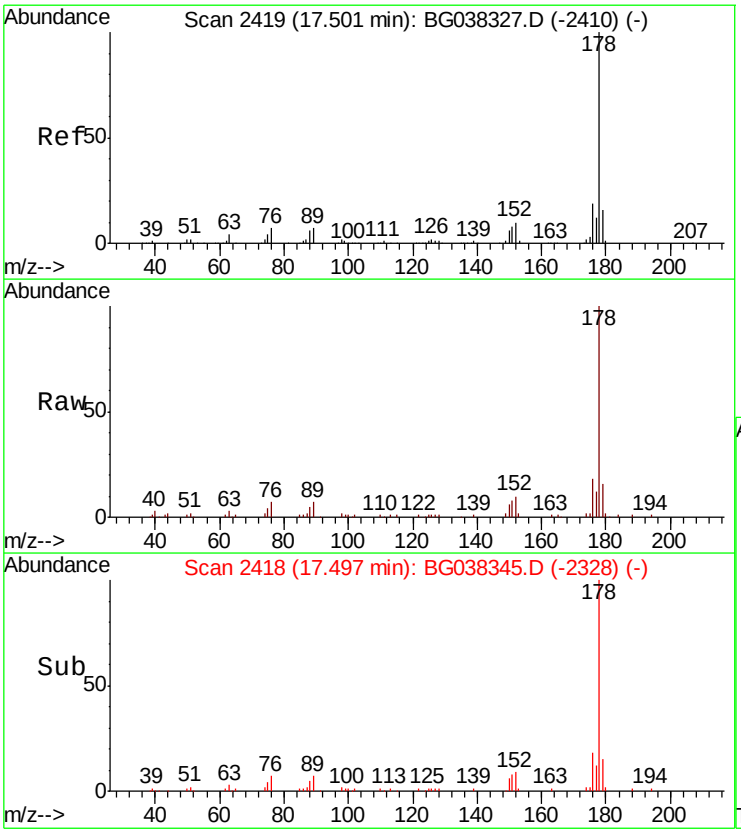
#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:248 Resp: 8535

Ion	Ratio	Lower	Upper
248	100		
250	204.9	77.0	115.6#
141	440.5	55.5	83.3#

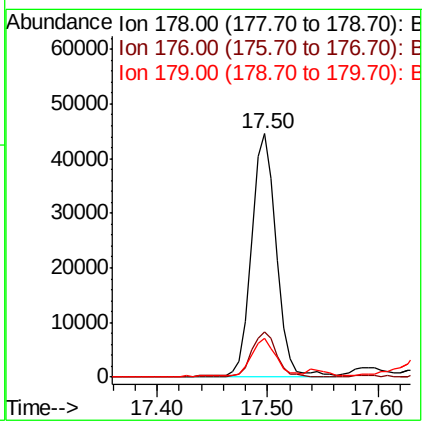


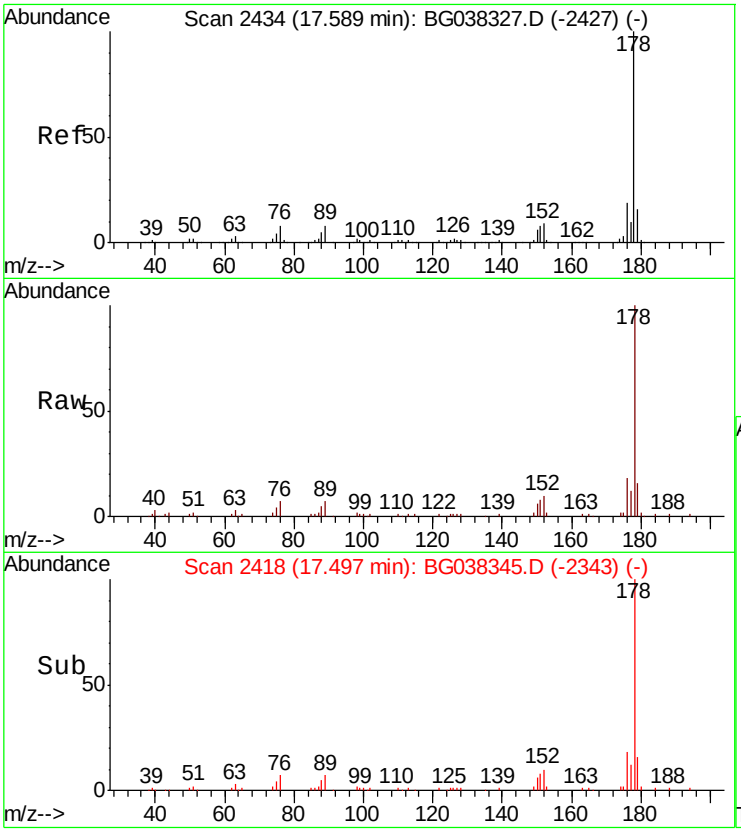


#71
Phenanthrene
Concen: 7.531 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:178 Resp: 70723

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.1	24.1
179	15.7	13.0	19.4



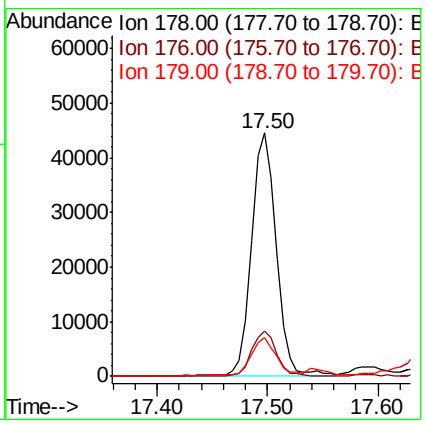


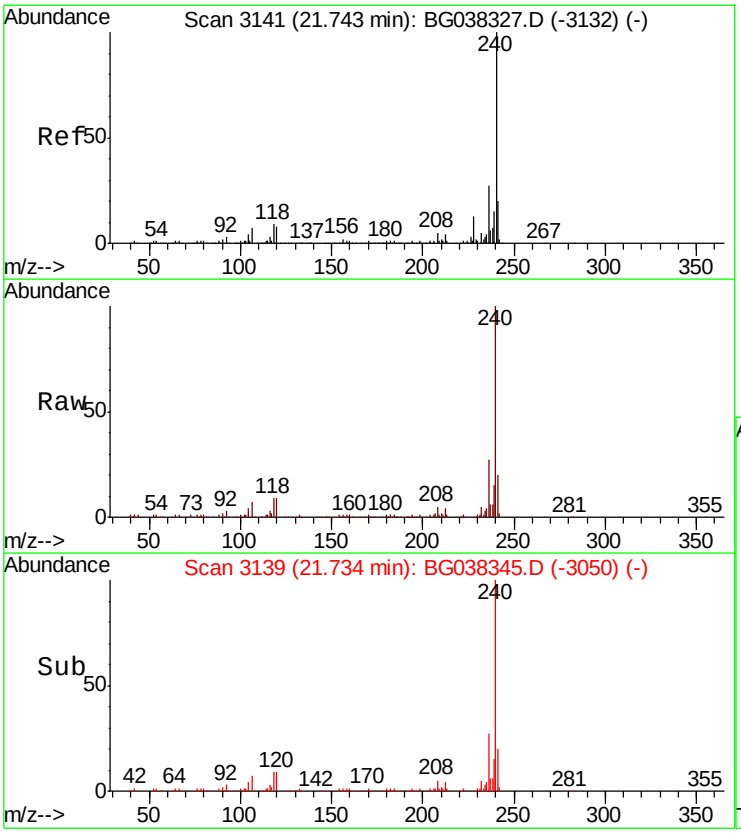
#72
Anthracene
Concen: 7.776 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.09 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:178 Resp: 70723

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.7	12.8	19.2

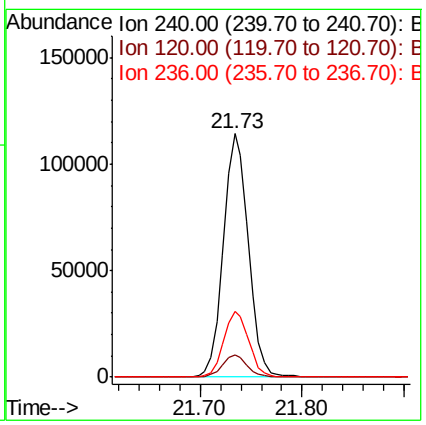


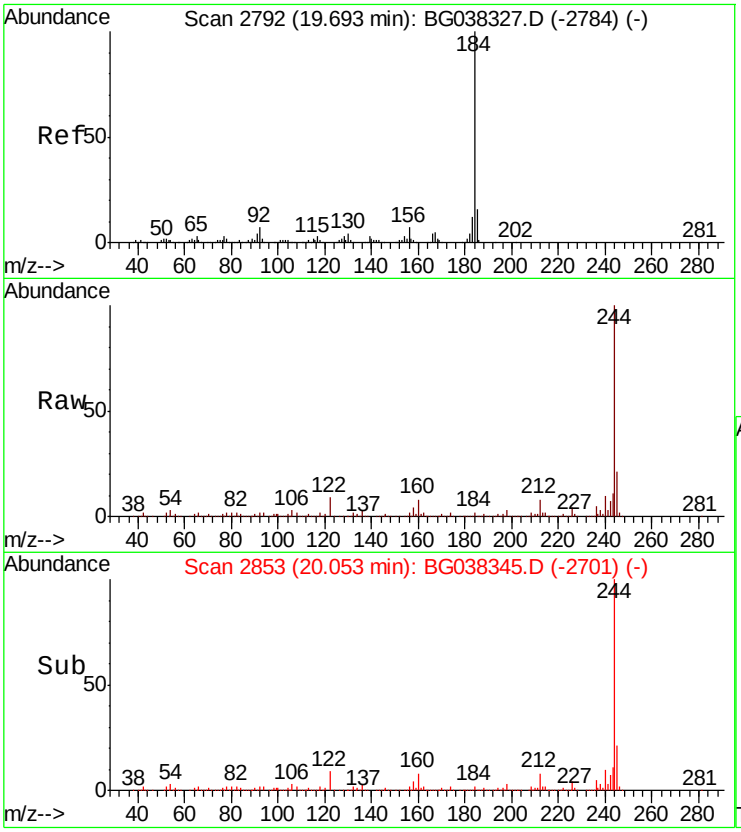


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:240 Resp: 194230

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.1	12.1
236	27.1	21.4	32.0



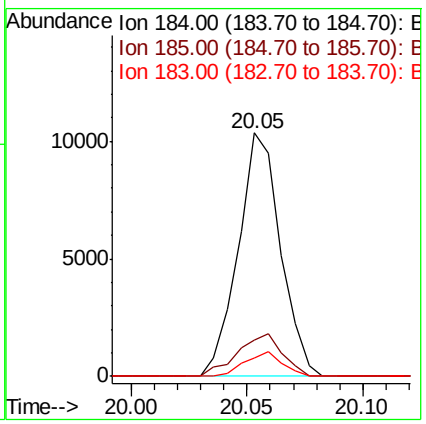


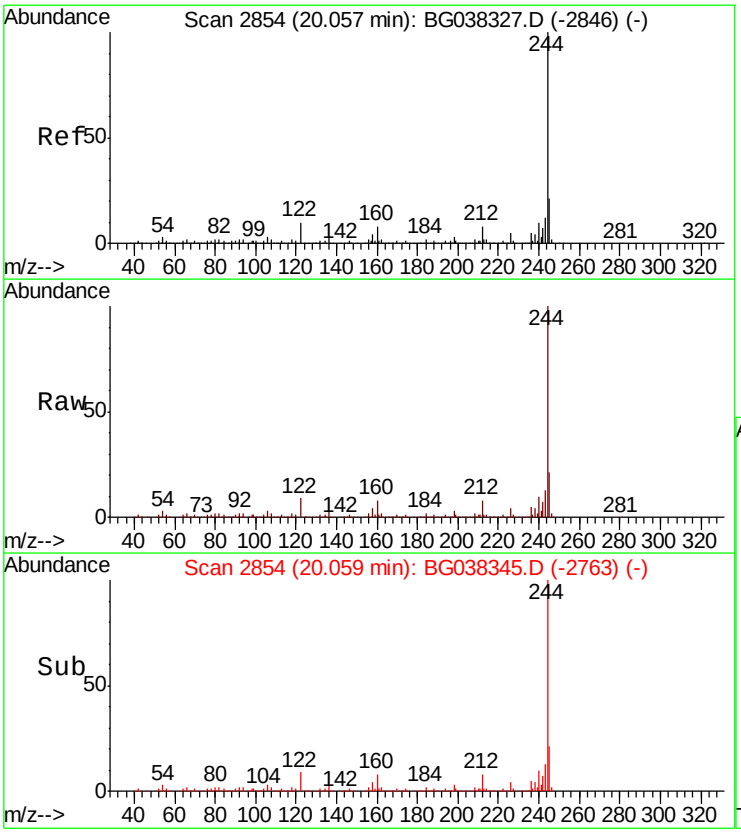
#77
Benzidine
Concen: 2.013 ng
RT: 20.05 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:184 Resp: 13192

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	7.7	10.2	15.2#

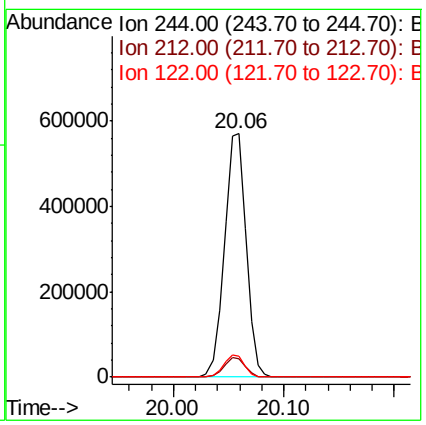


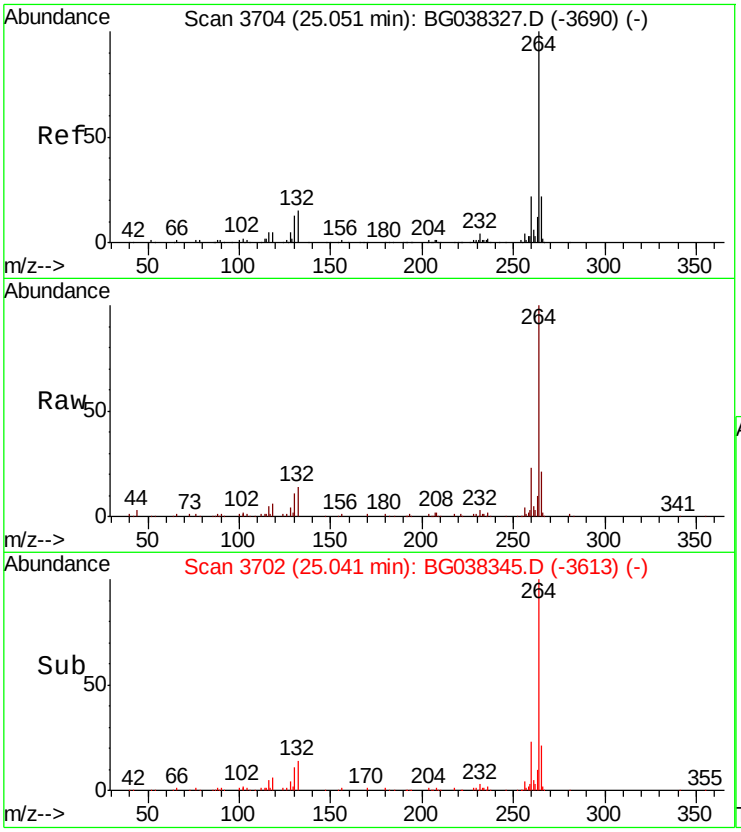


#79
Terphenyl-d14
Concen: 86.581 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG038345.D
Acq: 5 Dec 2018 4:29

Tgt Ion:244 Resp: 784995

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	8.6	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: BG038345.D
Acq: 5 Dec 2018 4:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-03R-C

Tgt Ion:264 Resp: 203219

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.2	17.9	26.9