Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041615.D
Acq On : 5 Jul 2019 17:18
Operator : HP/JU
Sample : K3668-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 05 18:05:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 17:58:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30972	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	106738	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	77181	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	203269	20.00	ng		0.00
76) Chrysene-d12	21.68	240	231584	20.00	ng		0.00
87) Perylene-d12	24.96	264	254602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	179182	103.14	ng		0.00
7) Phenol-d6	7.18	99	255987	104.67	ng		0.00
23) Nitrobenzene-d5	9.20	82	179621	70.19	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	154131	116.96	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	442330	73.54	ng		0.00
79) Terphenyl-d14	20.01	244	877864	80.56	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	25484	13.970	ng	#	81
50) Dimethylphthalate	14.11	163	47168	6.716	ng		98
57) 2,4-Dinitrotoluene	14.66	165	10223	4.728	ng	#	21
67) 4-Bromophenyl-phenylether	16.16	248	10465	3.767	ng	#	1
75) Fluoranthene	19.46	202	46655	3.125	ng		99
77) Benzidine	20.01	184	13808	2.687	ng	#	93
78) Pyrene	19.83	202	44591	2.821	ng		100
88) Benzo(b)fluoranthene	23.91	252	34241	2.109	ng	#	98
89) Benzo(k)fluoranthene	23.91	252	34241	2.148	ng	#	99

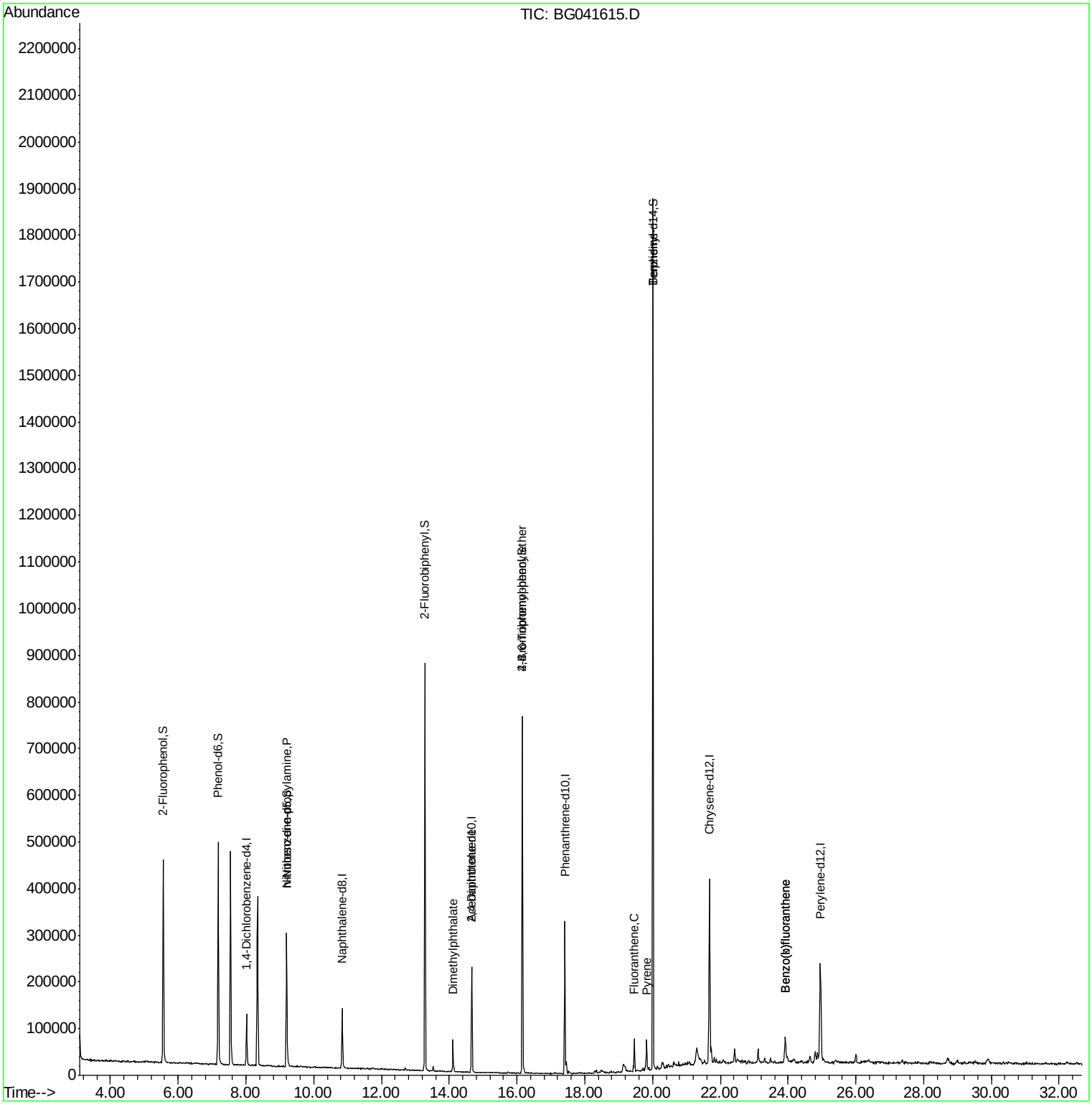
(#) = qualifier out of range (m) = manual integration (+) = signals summed

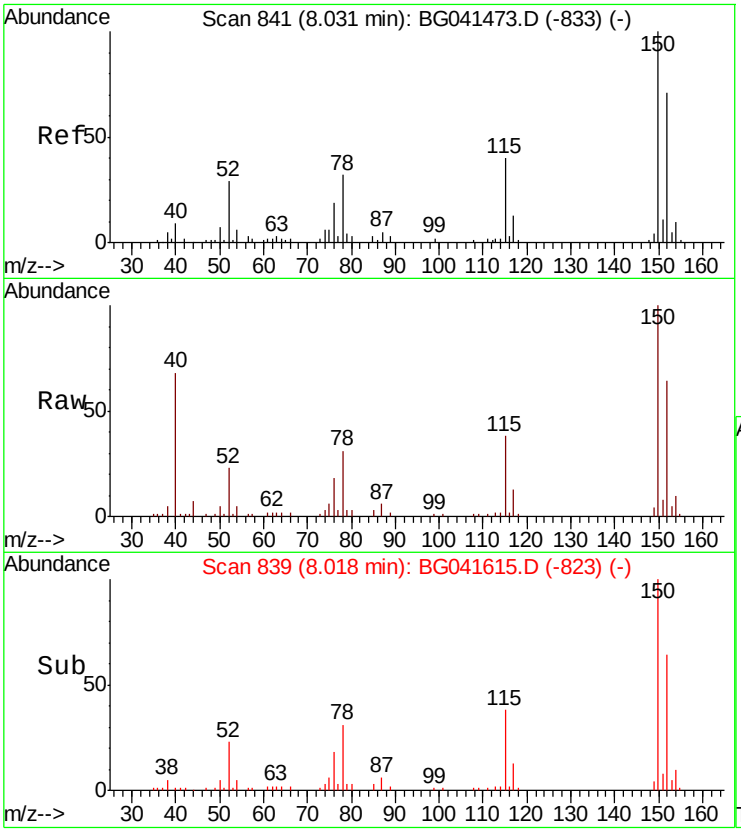
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041615.D
Acq On : 5 Jul 2019 17:18
Operator : HP/JU
Sample : K3668-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 05 18:05:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 17:58:09 2019
Response via : Initial Calibration



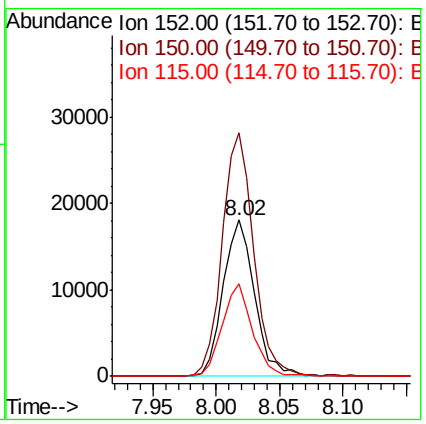


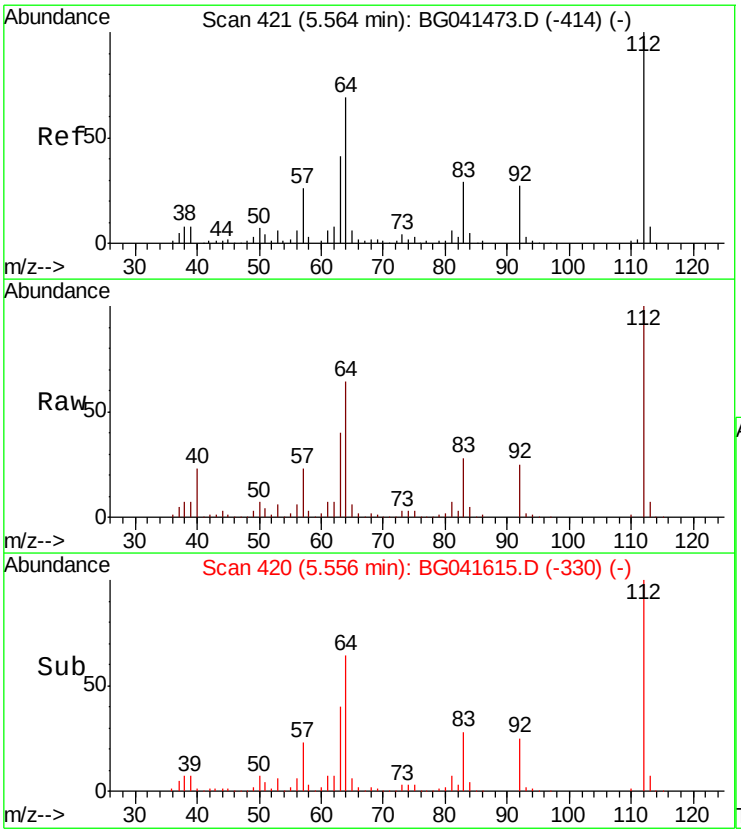
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30972

Ion	Ratio	Lower	Upper
152	100		
150	155.7	118.3	177.5
115	58.8	44.0	66.0

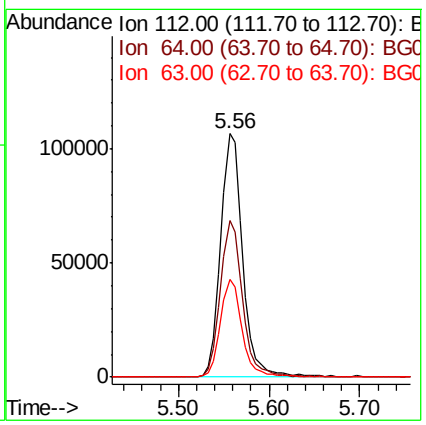


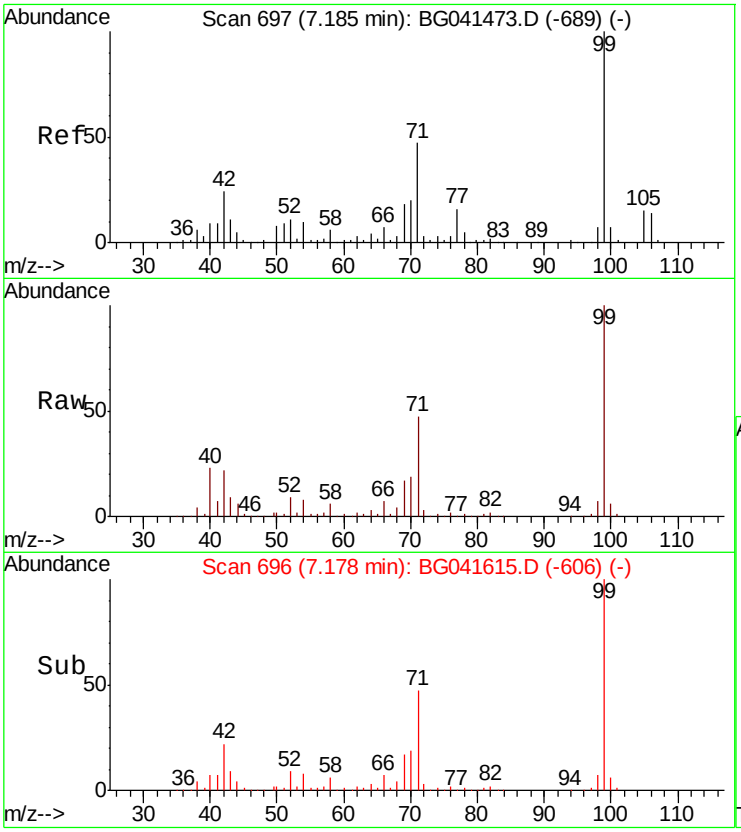


#5
2-Fluorophenol
Concen: 103.143 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:112 Resp: 179182

Ion	Ratio	Lower	Upper
112	100		
64	64.3	52.4	78.6
63	40.0	32.2	48.2



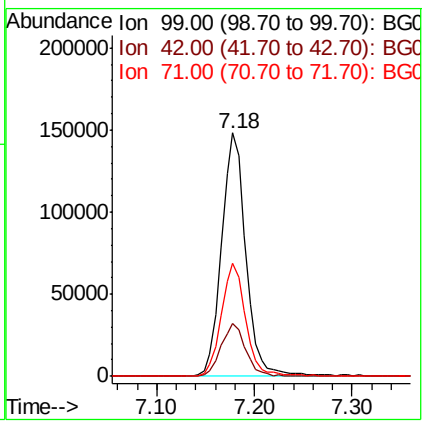


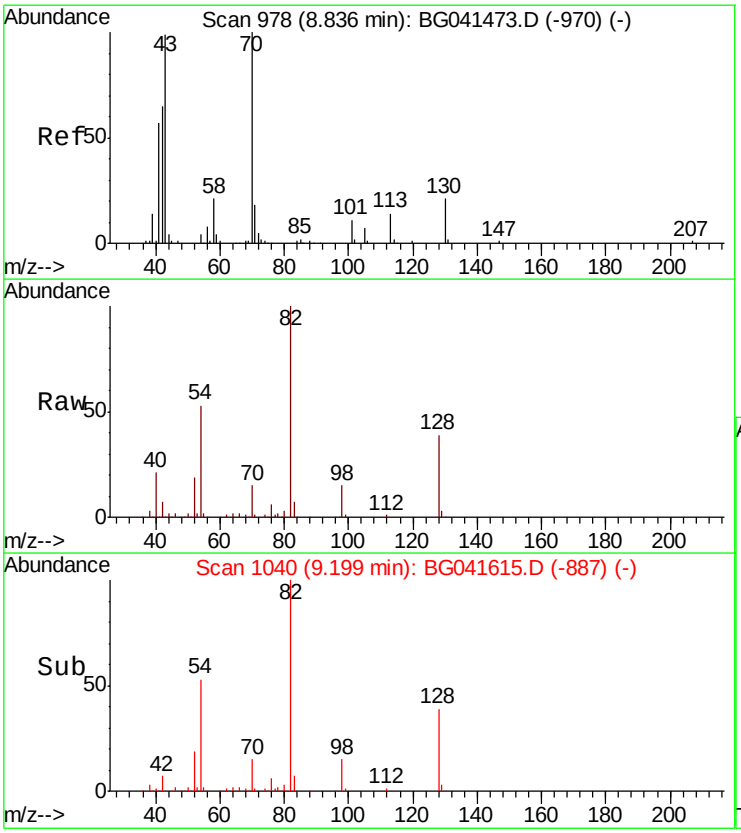
#7
Phenol-d6
Concen: 104.675 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 255987

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.4
71	46.6	37.4	56.2

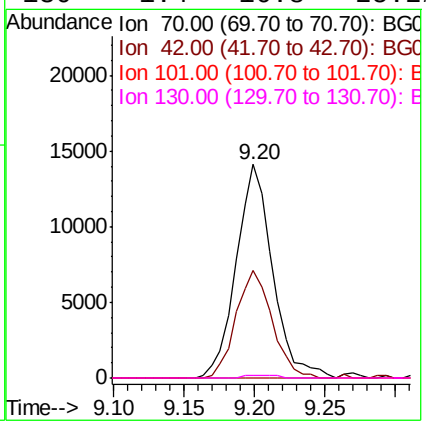


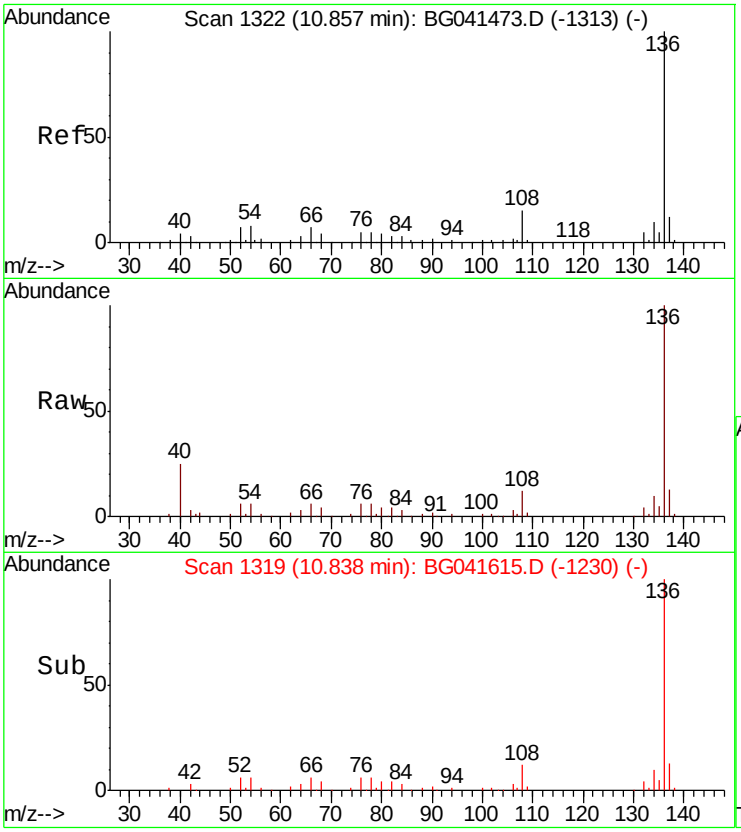


#19
n-Nitroso-di-n-propylamine
Concen: 13.970 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.37 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion: 70 Resp: 25484

Ion	Ratio	Lower	Upper
70	100		
42	50.6	45.5	68.3
101	0.0	9.0	13.4#
130	1.4	16.8	25.2#



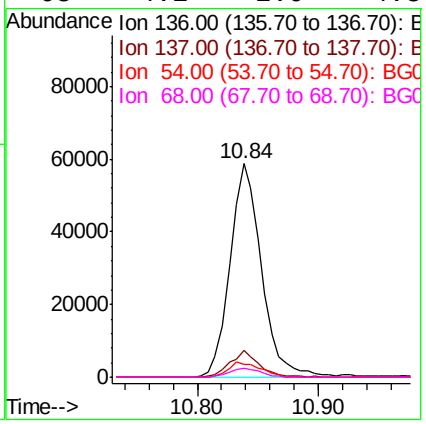


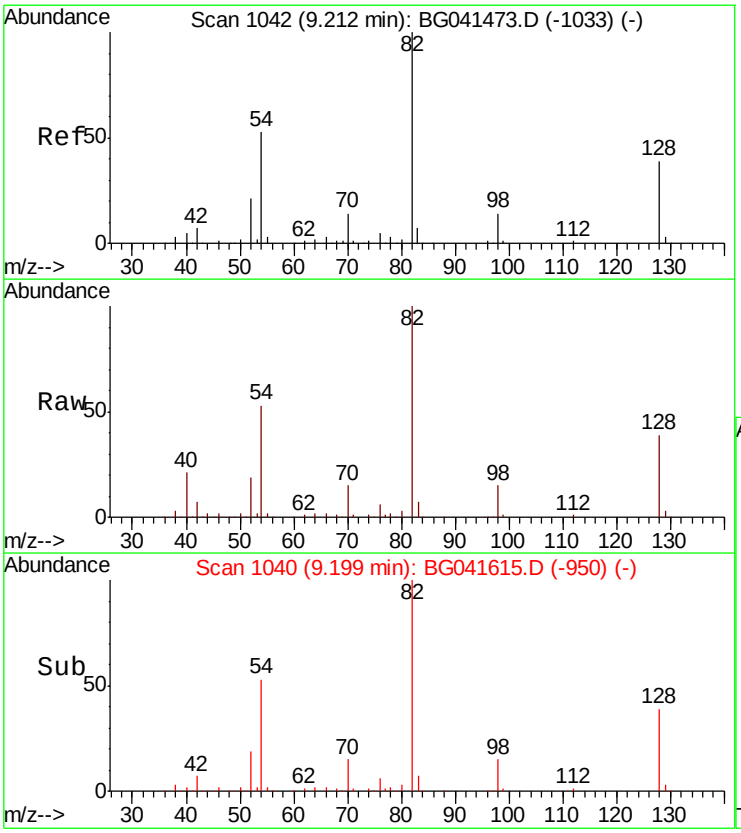
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 106738

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.4	14.2
54	6.3	6.0	9.0
68	4.2	2.9	4.3

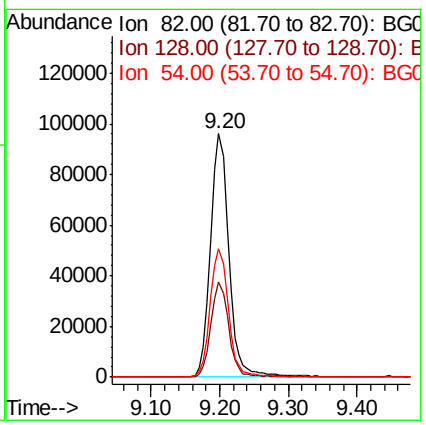


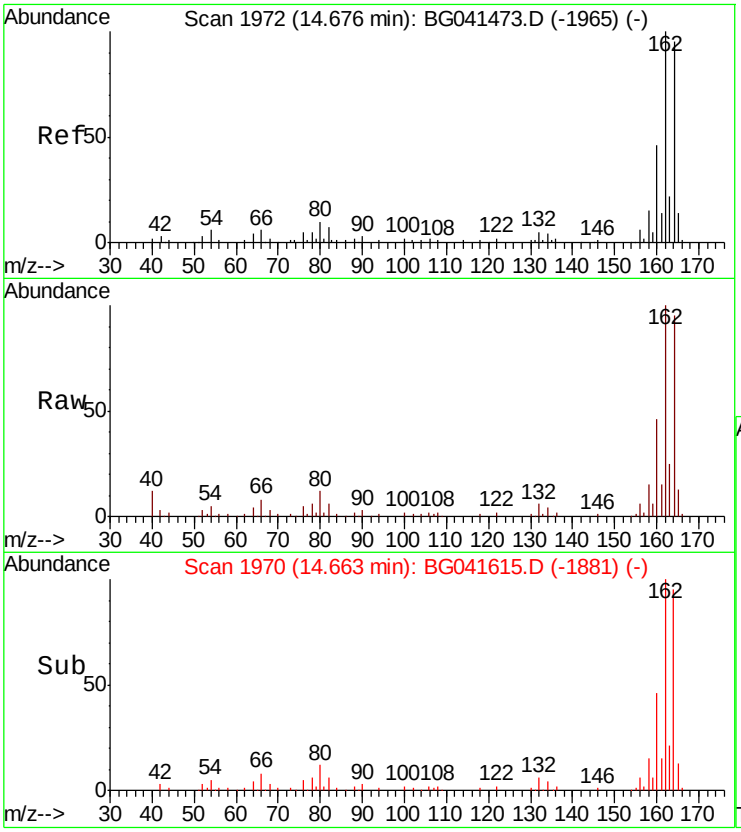


#23
Nitrobenzene-d5
Concen: 70.185 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion: 82 Resp: 179621

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.5	44.3
54	52.8	42.2	63.2



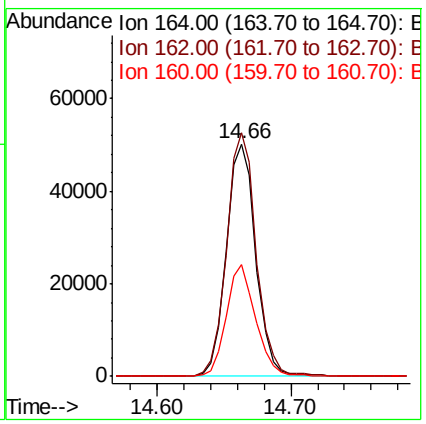


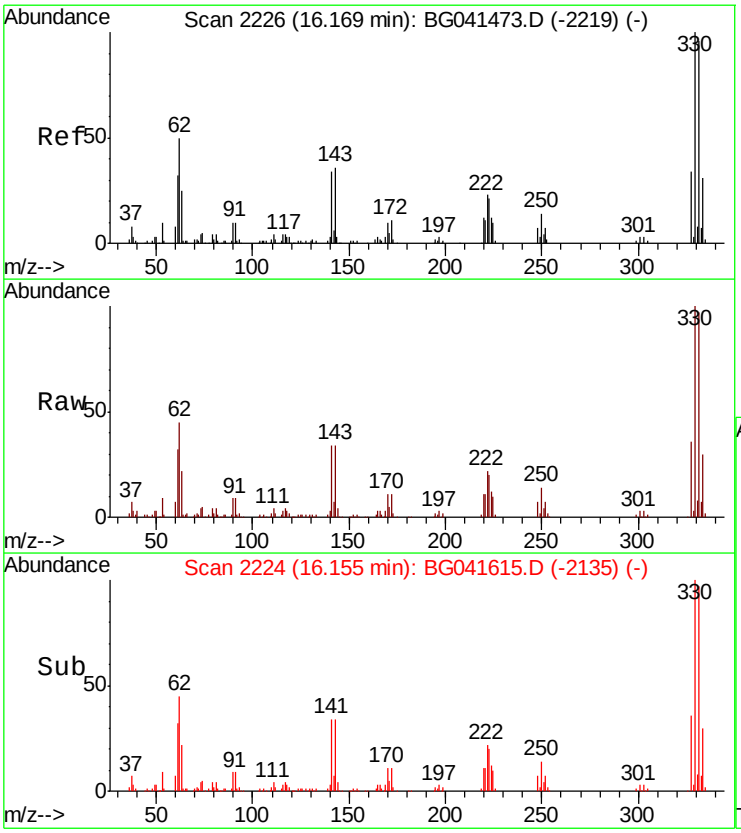
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 77181

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	48.3	34.2	51.4

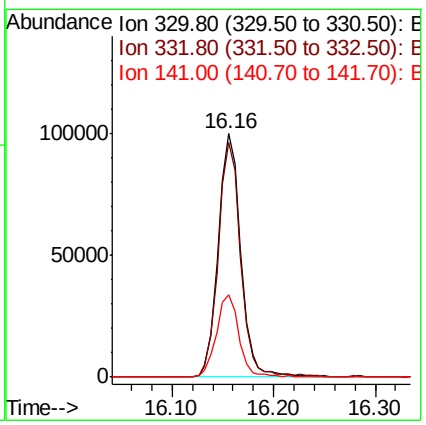


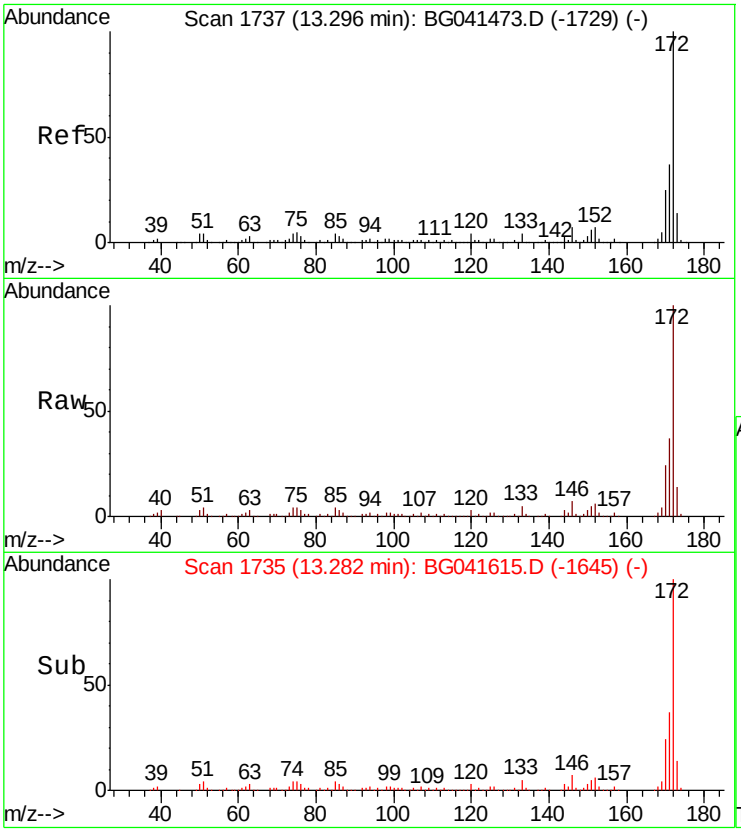


#42
2,4,6-Tribromophenol
Concen: 116.959 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:330 Resp: 154131

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	34.1	28.4	42.6



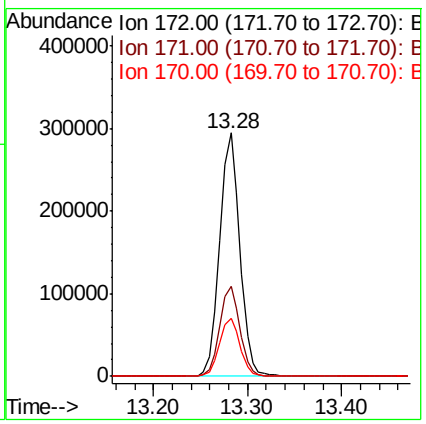


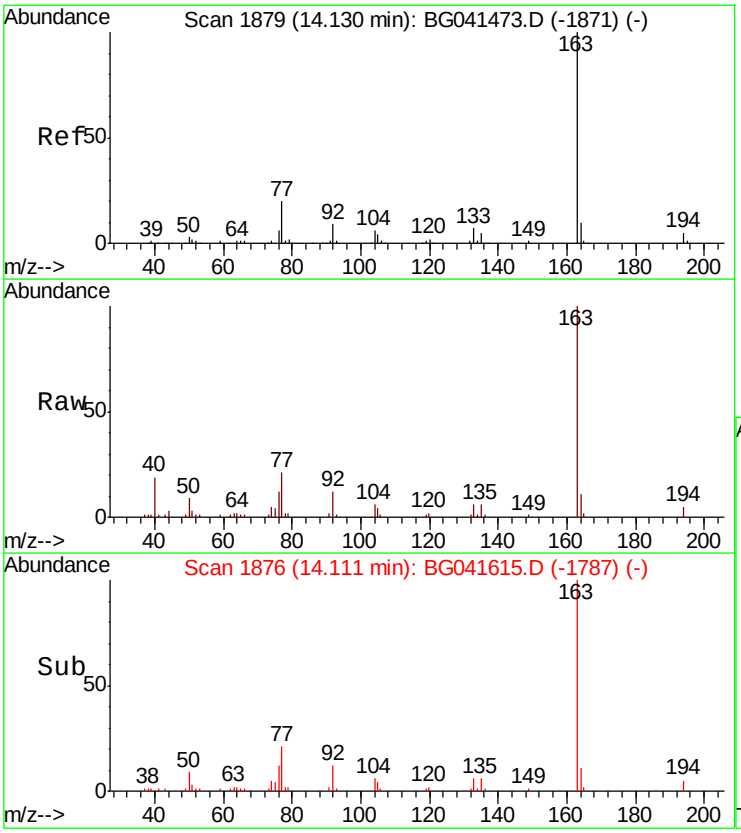
#45
2-Fluorobiphenyl
Concen: 73.545 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 442330

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.9	46.3
170	24.1	20.0	30.0

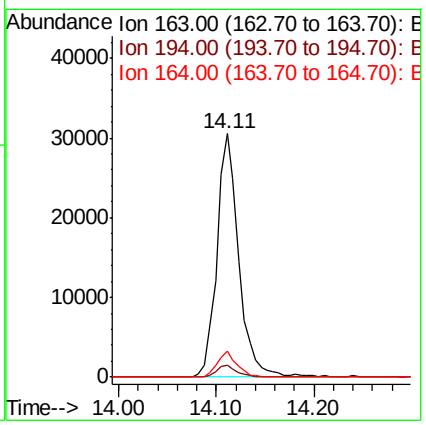


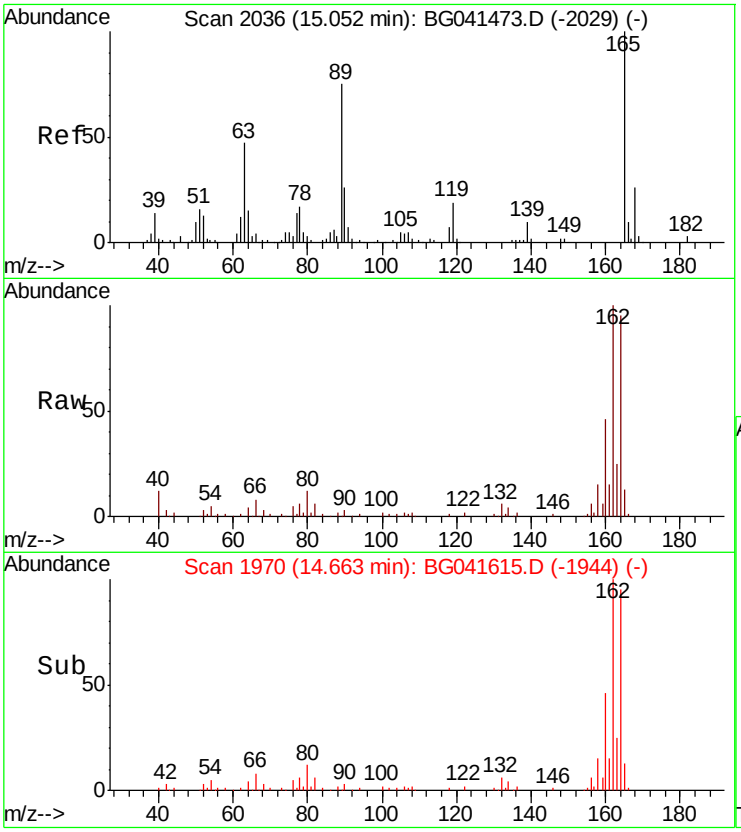


#50
Dimethylphthalate
Concen: 6.716 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:163 Resp: 47168

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	10.8	8.0	12.0



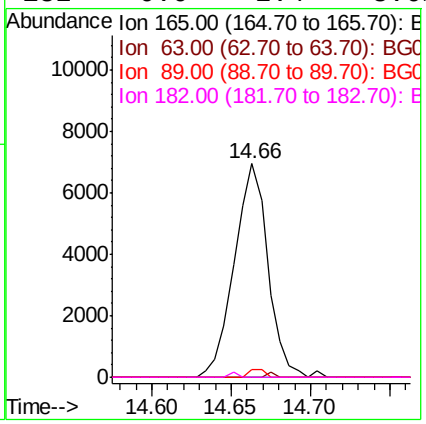


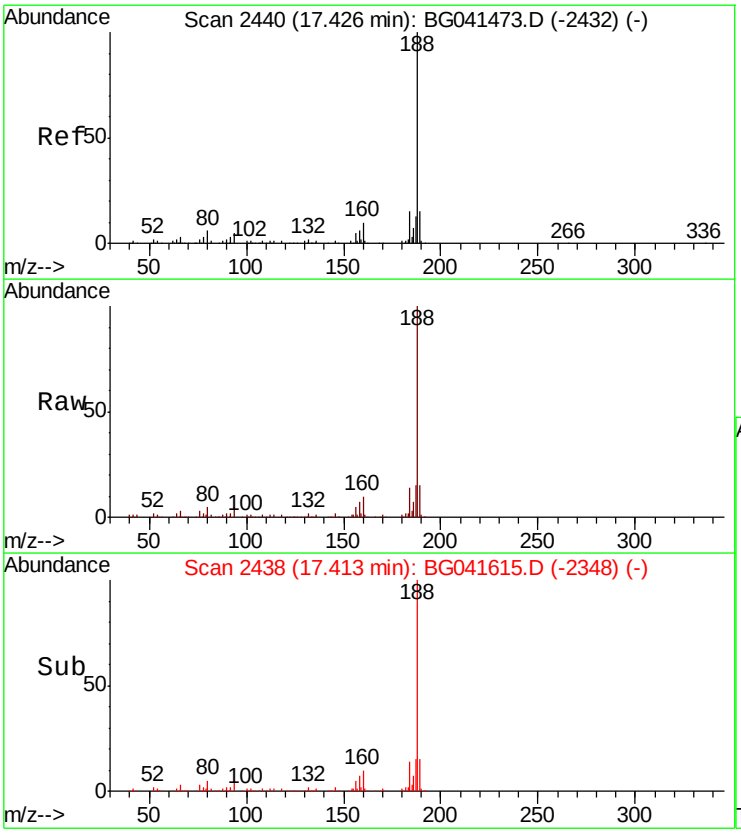
#57
2,4-Dinitrotoluene
Concen: 4.728 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10223

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.6	60.8#
89	3.7	62.2	93.2#
182	0.0	2.4	3.6#

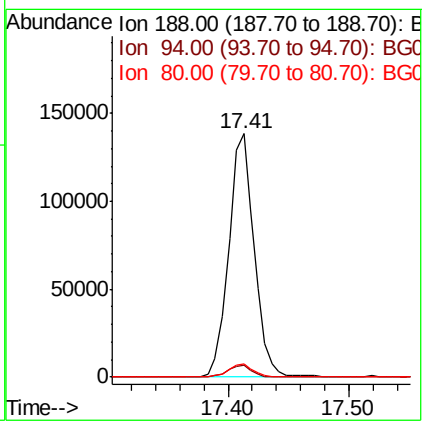


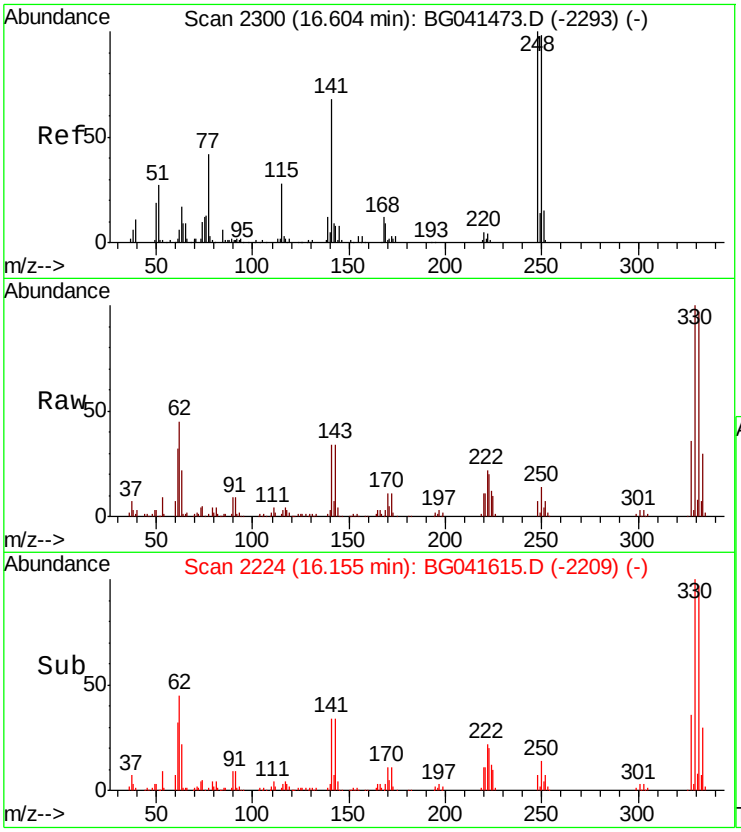


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:188 Resp: 203269

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.3	4.9#
80	5.3	5.0	7.4



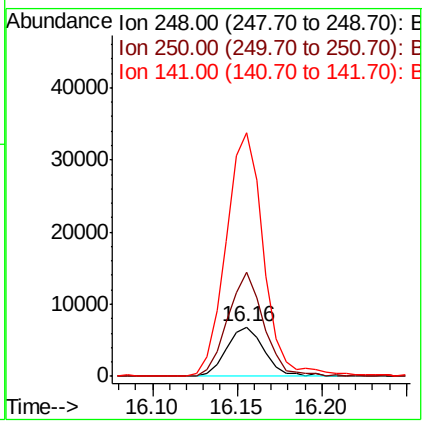


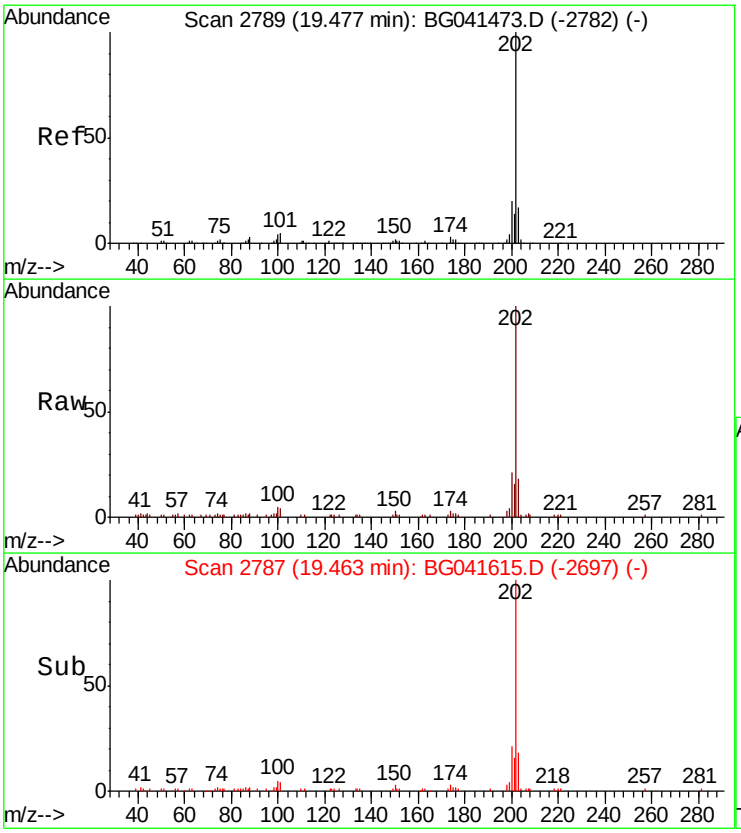
#67
4-Bromophenyl-phenylether
Concen: 3.767 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.44 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10465

Ion	Ratio	Lower	Upper
248	100		
250	210.4	79.3	118.9#
141	494.6	51.0	76.6#

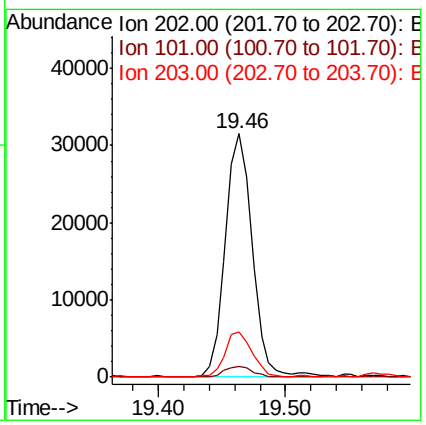


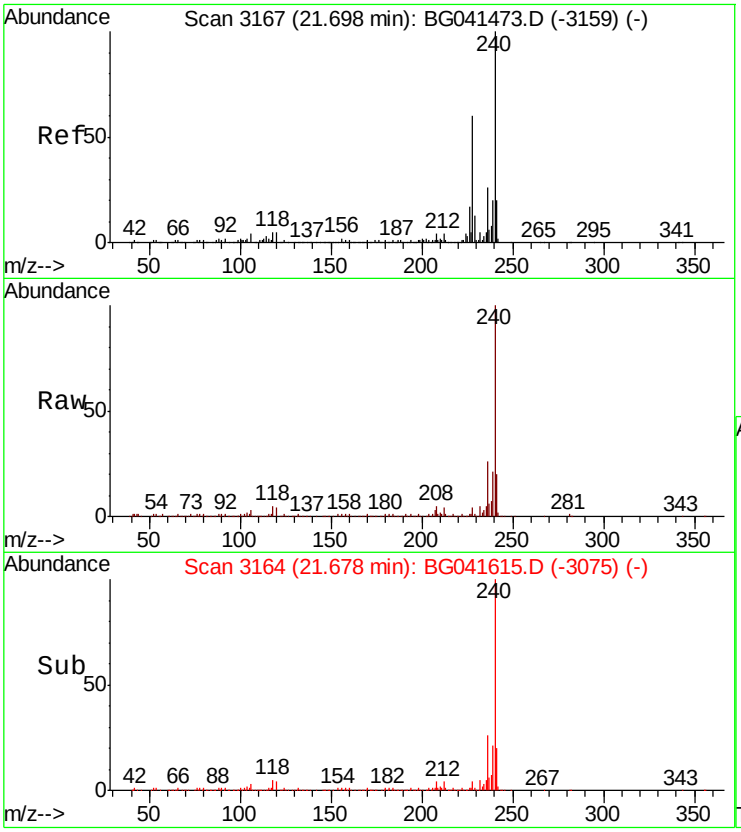


#75
Fluoranthene
Concen: 3.125 ng
RT: 19.46 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:202 Resp: 46655

Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	24.6
203	18.5	0.0	39.2



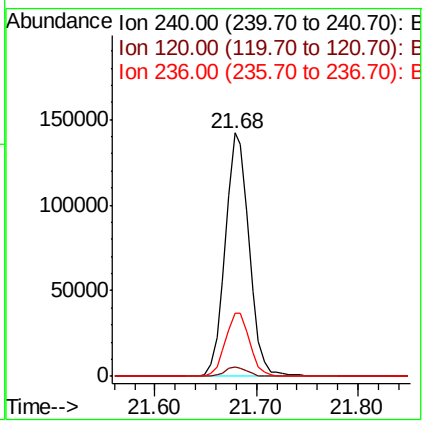


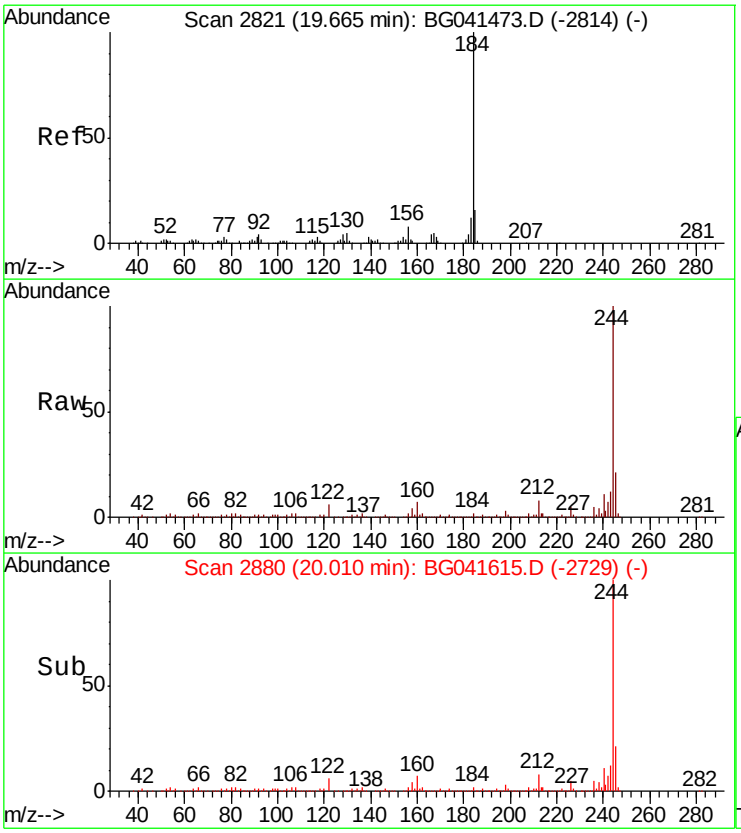
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 231584

Ion	Ratio	Lower	Upper
240	100		
120	3.7	3.9	5.9#
236	25.7	20.6	30.8

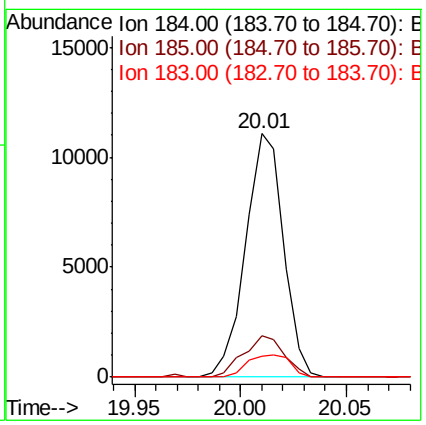


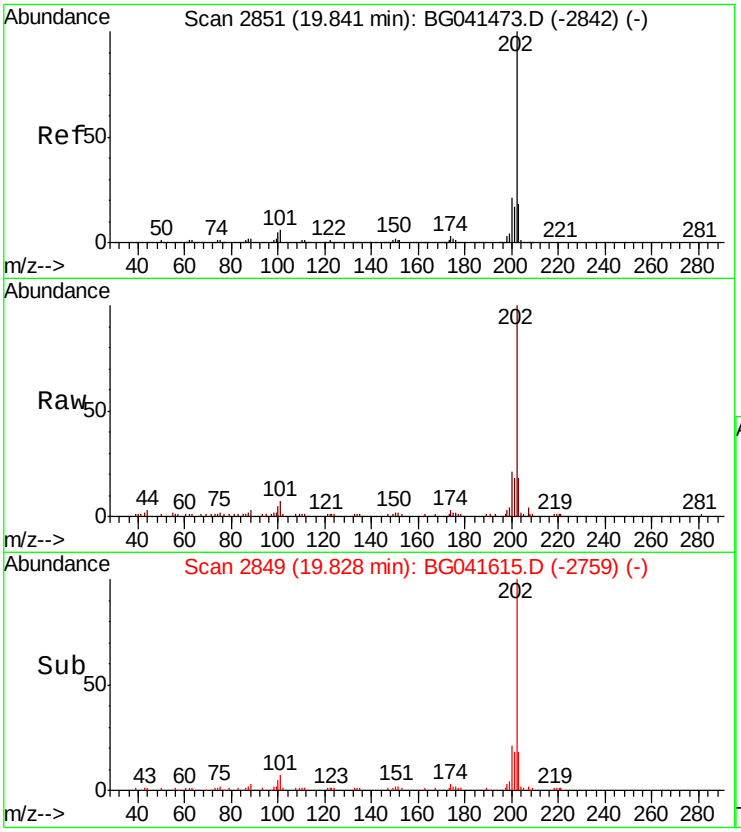


#77
Benzidine
Concen: 2.687 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.36 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:184 Resp: 13808

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.7	17.5
183	8.4	9.4	14.2#



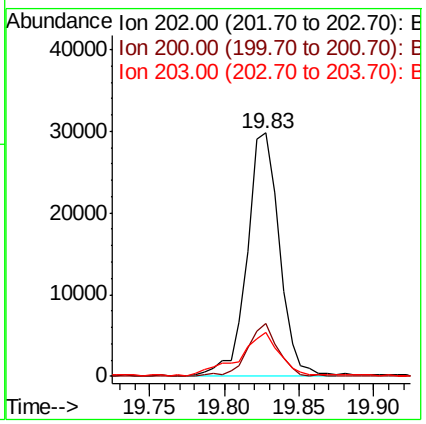


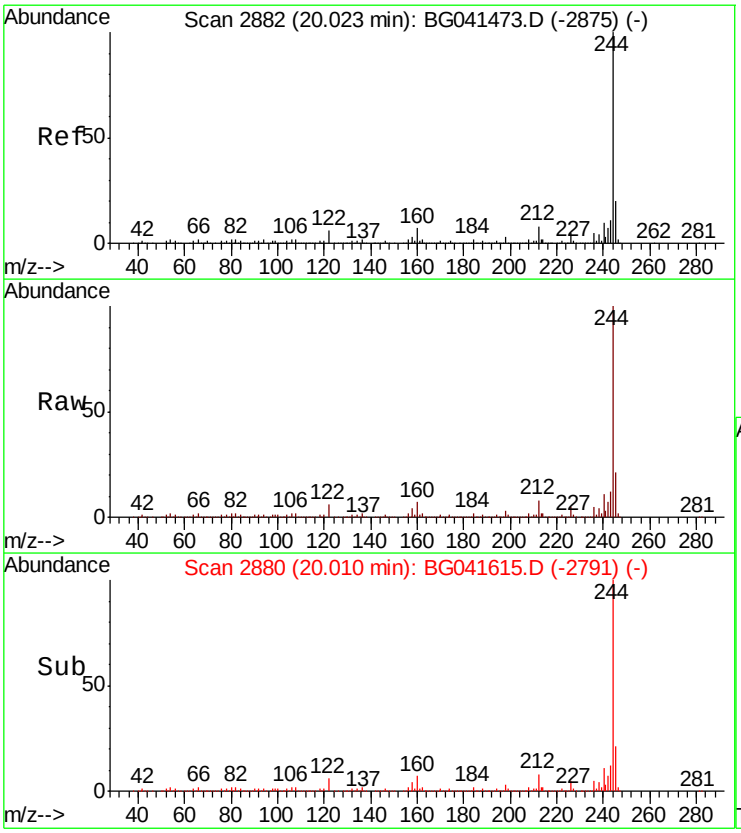
#78
Pyrene
Concen: 2.821 ng
RT: 19.83 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 44591

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.1	14.6	21.8

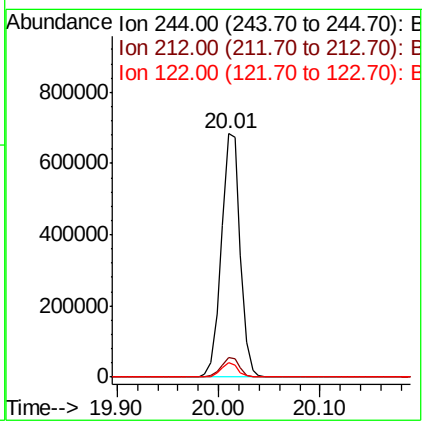


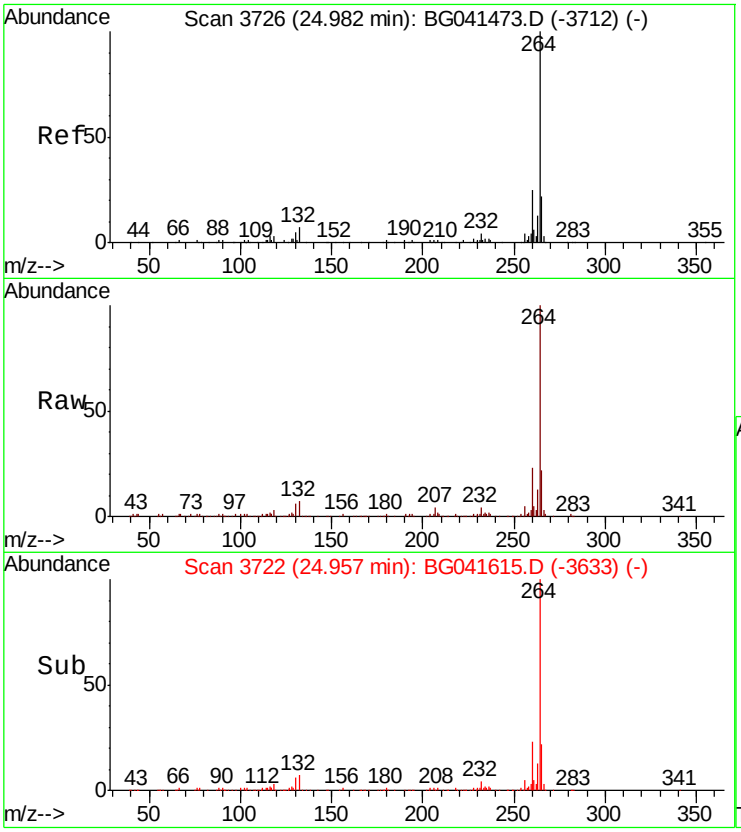


#79
Terphenyl-d14
Concen: 80.555 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:244 Resp: 877864

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	5.9	4.0	6.0



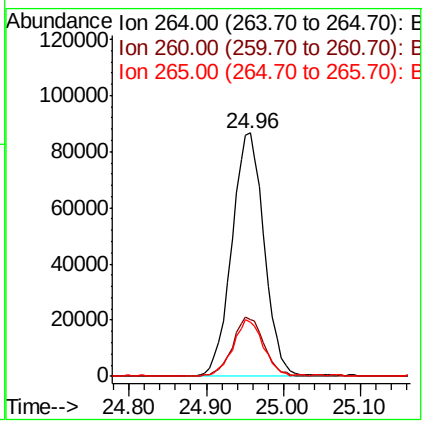


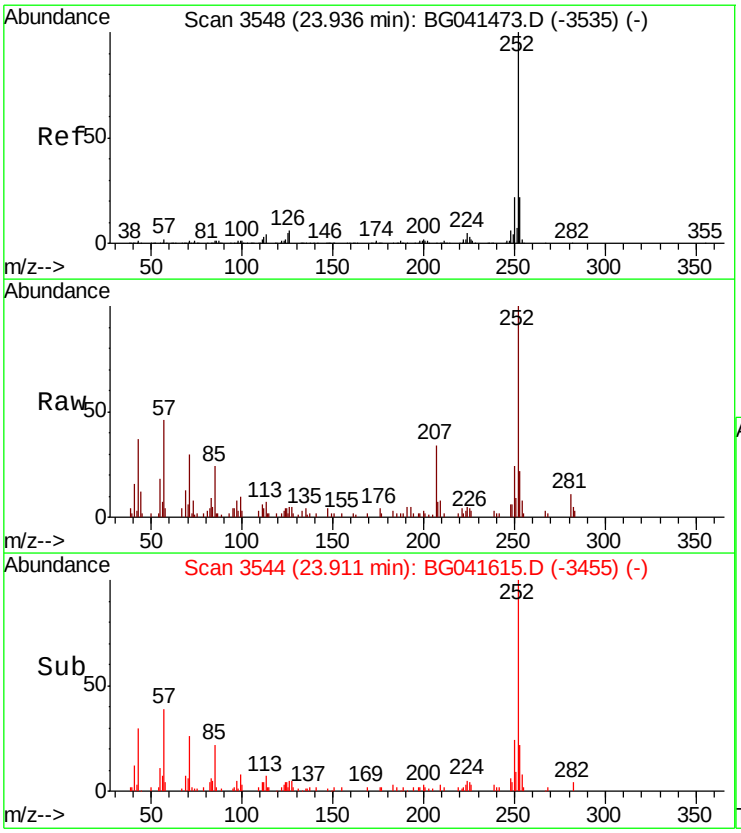
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 254602

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.0	16.7	25.1

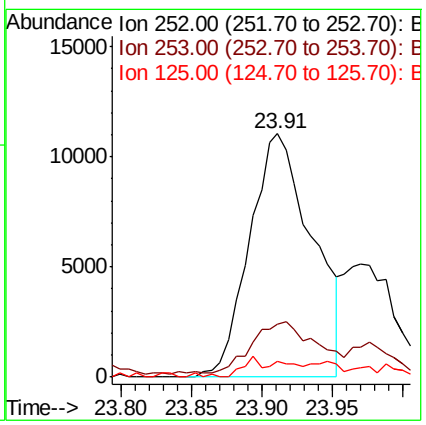


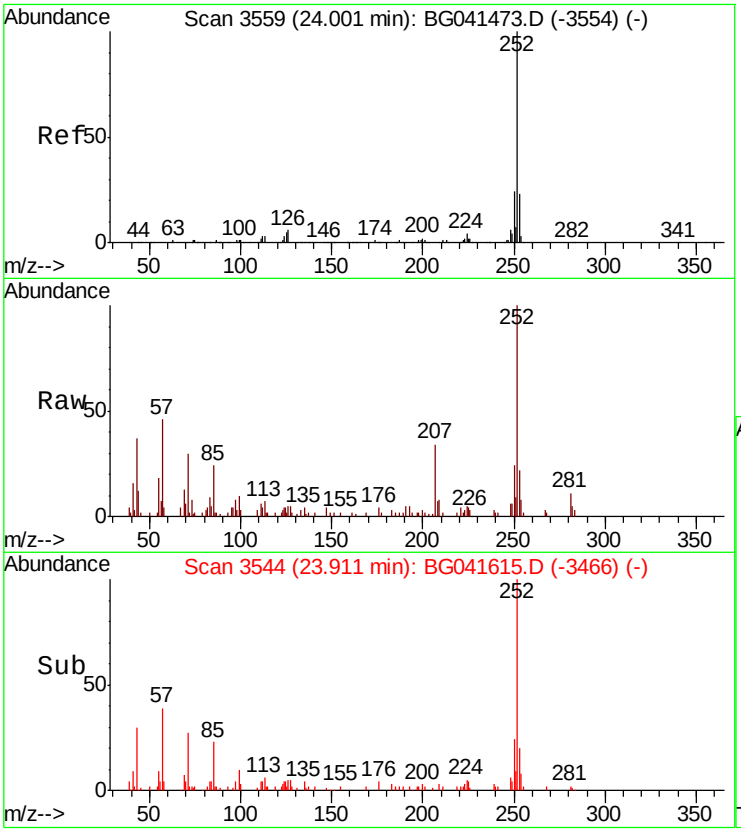


#88
Benzo(b)fluoranthene
Concen: 2.109 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:252 Resp: 34241

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.3	3.5	5.3#





#89
Benzo(k)fluoranthene
Concen: 2.148 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.07 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 34241

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	6.3	3.5	5.3#