Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040964.D
Acq On : 31 May 2019 00:00
Operator : HP/JU
Sample : K3090-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 31 04:05:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	64578	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	253825	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	185720	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	489304	20.00	ng	0.00
76) Chrysene-d12	21.78	240	484919	20.00	ng	-0.01
87) Perylene-d12	25.12	264	505277	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	507545	141.72	ng	0.00
7) Phenol-d6	7.27	99	746338	134.94	ng	0.00
23) Nitrobenzene-d5	9.30	82	512382	89.61	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	408914	148.31	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1176812	91.25	ng	0.00
79) Terphenyl-d14	20.09	244	2006652	87.83	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	72364	17.001	ng	# 79
41) Hexachlorocyclopentadiene	12.80	237	63	8.249	ng	# 26
50) Dimethylphthalate	14.19	163	175154	11.141	ng	98
54) 2,4-Dinitrophenol	15.37	184	72	8.302	ng	# 18
57) 2,4-Dinitrotoluene	14.75	165	24693	5.157	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	1176	8.958	ng	# 1
67) 4-Bromophenyl-phenylether	16.24	248	31227	4.729	ng	# 1
70) Pentachlorophenol	17.14	266	222	4.312	ng	# 18
77) Benzidine	20.09	184	36548	3.159	ng	# 95

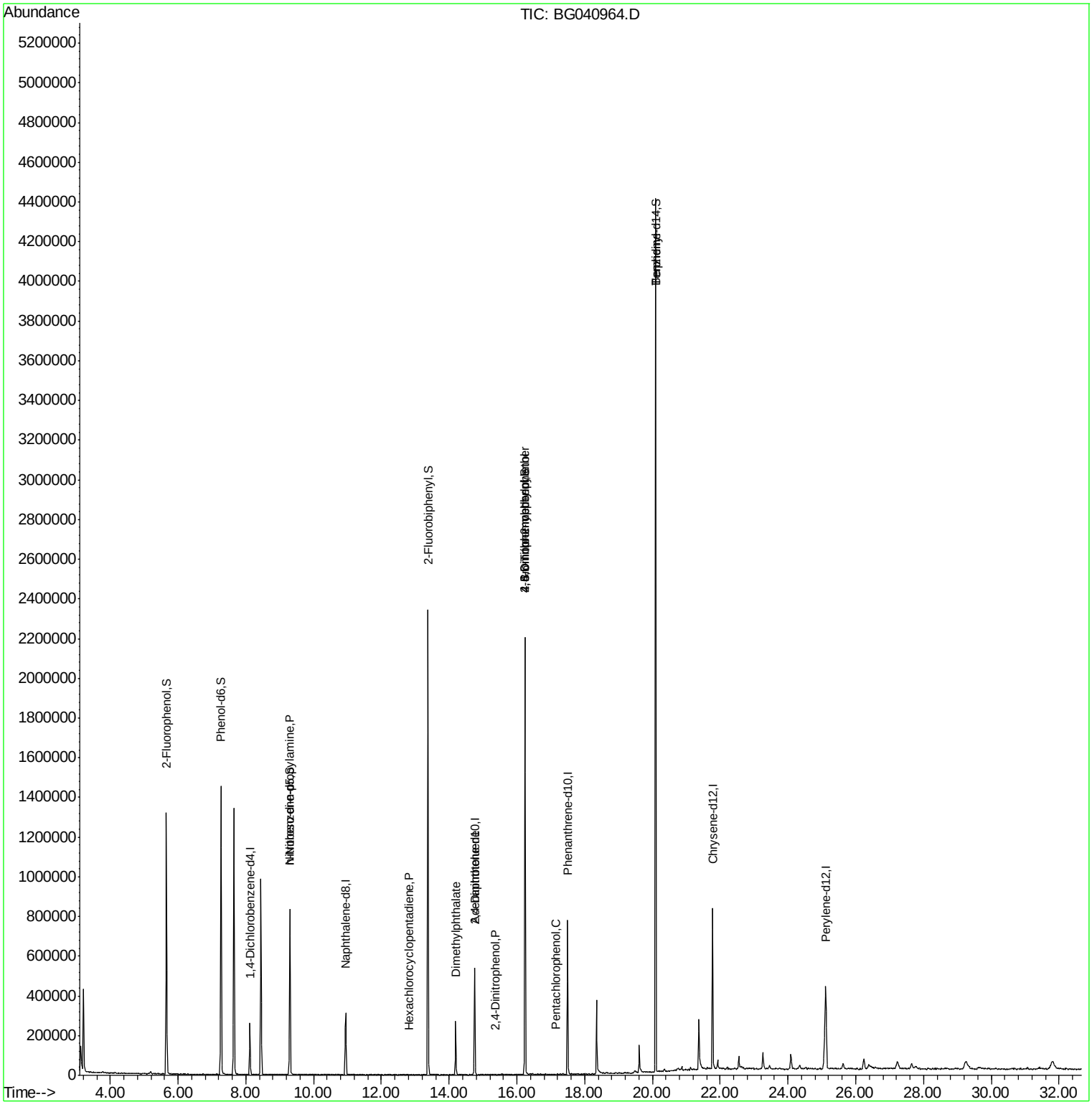
(#) = qualifier out of range (m) = manual integration (+) = signals summed

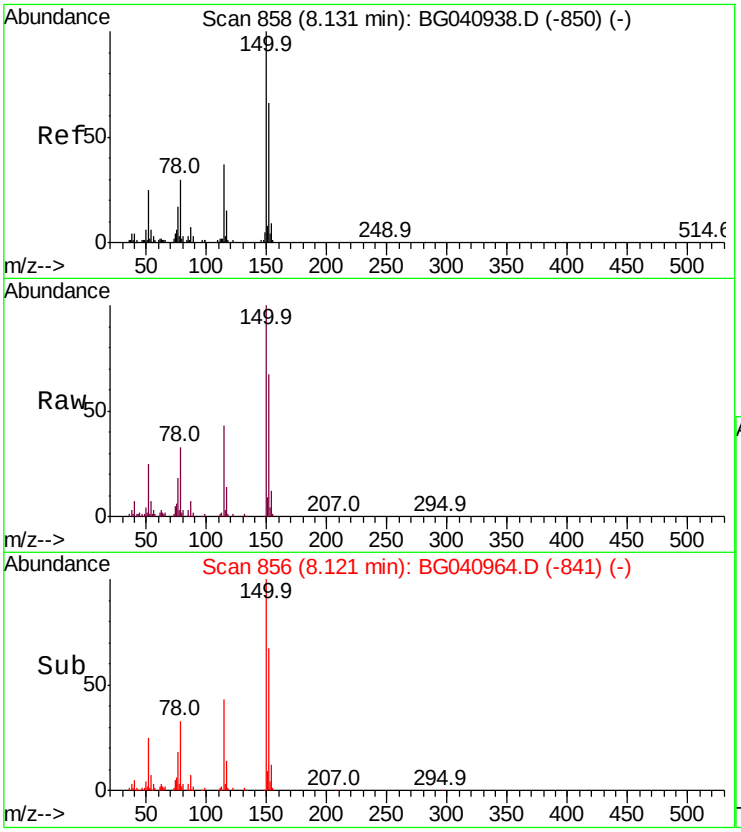
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040964.D
Acq On : 31 May 2019 00:00
Operator : HP/JU
Sample : K3090-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 31 04:05:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



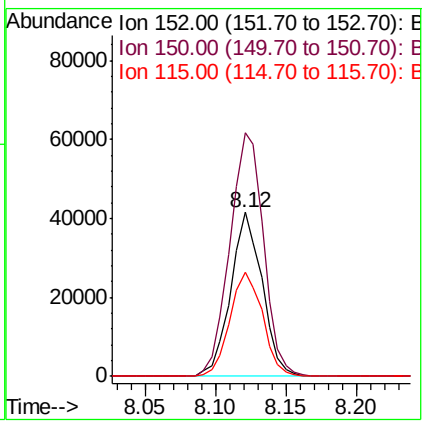


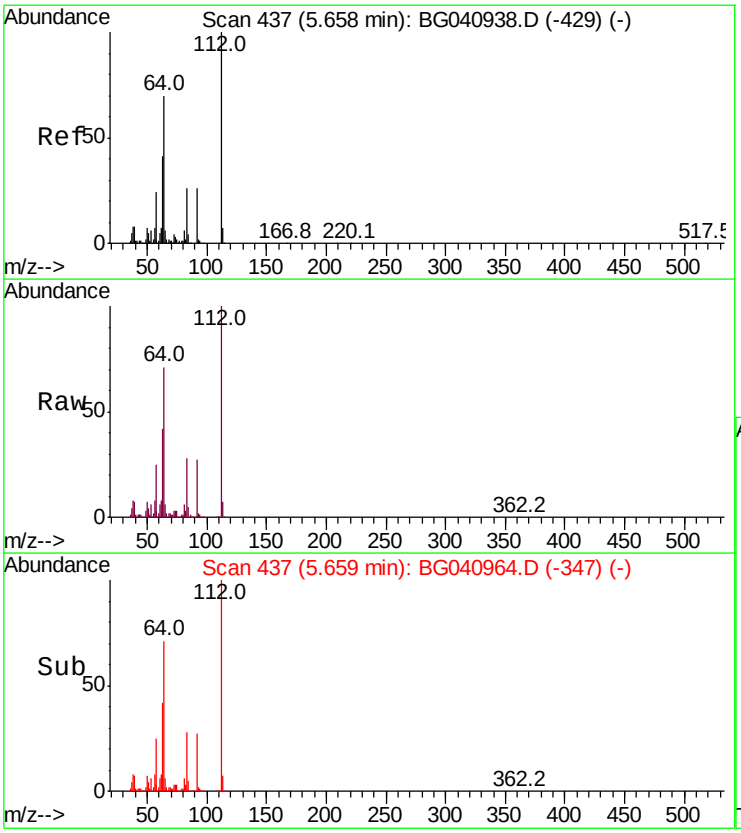
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 64578

Ion	Ratio	Lower	Upper
152	100		
150	148.7	120.6	180.8
115	63.5	45.1	67.7

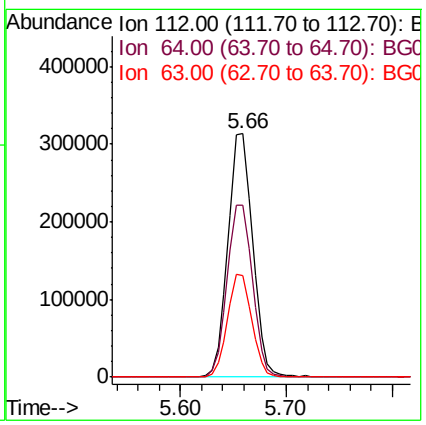


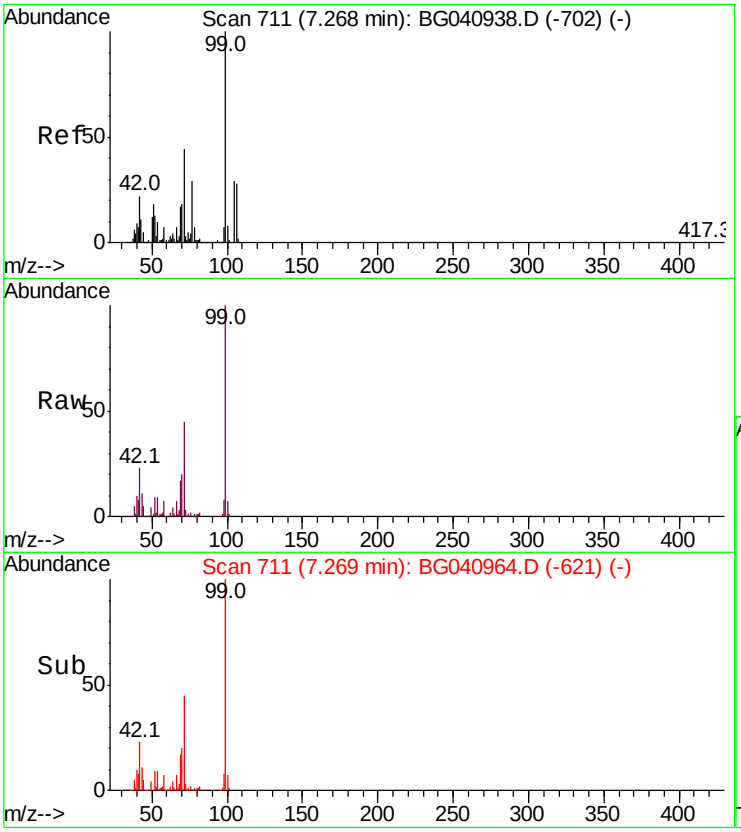


#5
2-Fluorophenol
Concen: 141.722 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:112 Resp: 507545

Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.2	84.2
63	41.7	32.8	49.2



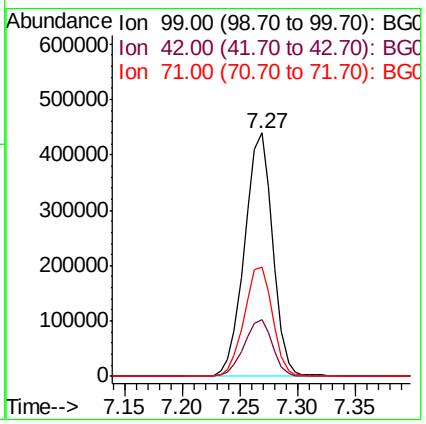


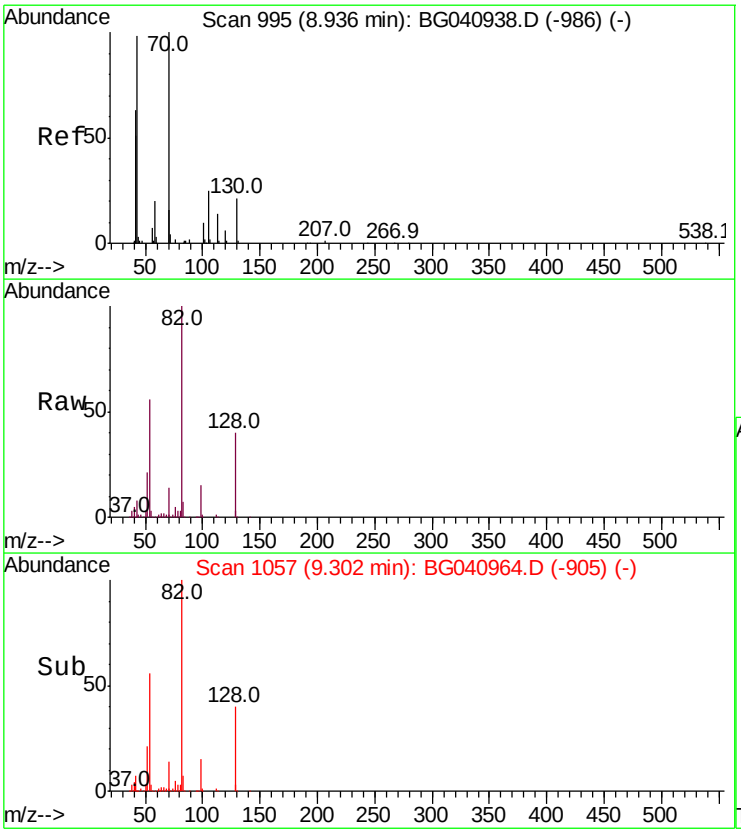
#7
Phenol-d6
Concen: 134.940 ng
RT: 7.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 746338

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	44.9	35.4	53.0

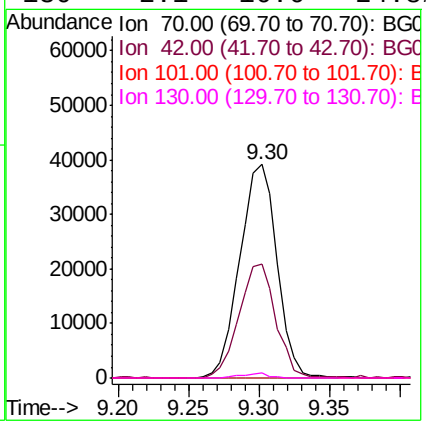


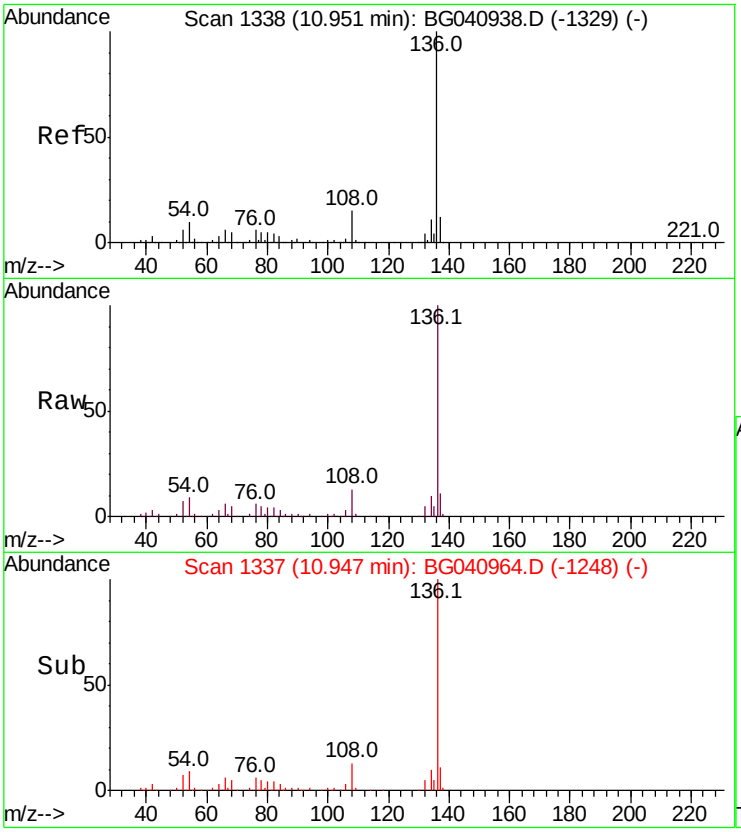


#19
n-Nitroso-di-n-propylamine
Concen: 17.001 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.37 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion: 70 Resp: 72364

Ion	Ratio	Lower	Upper
70	100		
42	53.1	51.5	77.3
101	0.0	8.1	12.1#
130	2.1	16.6	24.8#



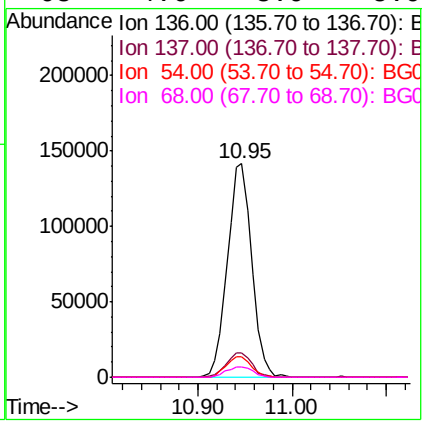


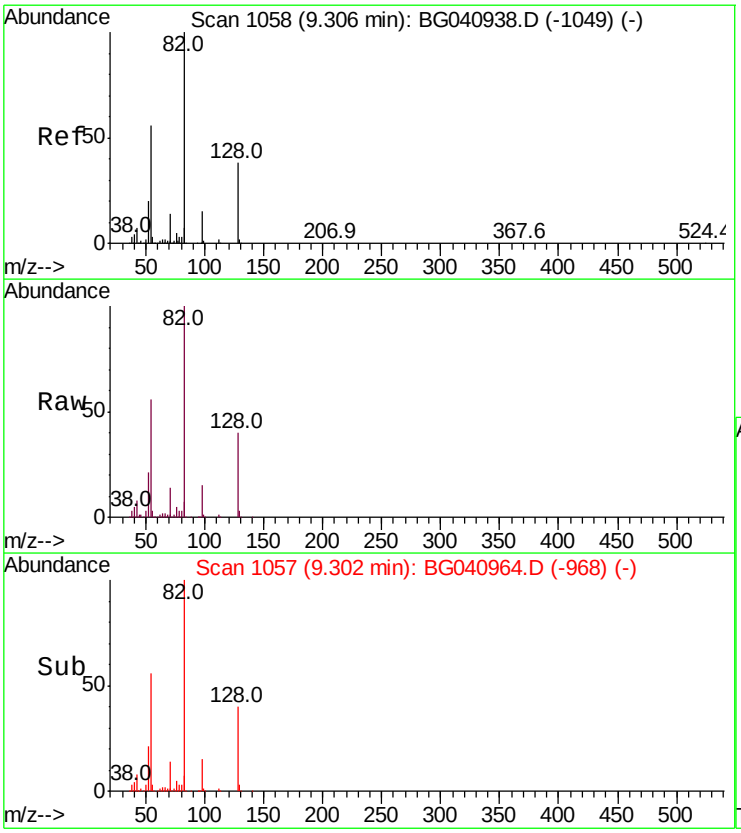
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 253825

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	9.5	7.6	11.4
68	4.6	3.9	5.9

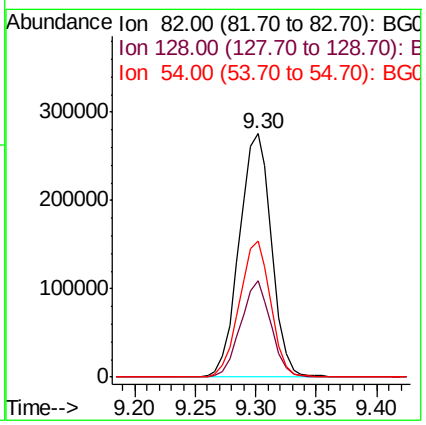


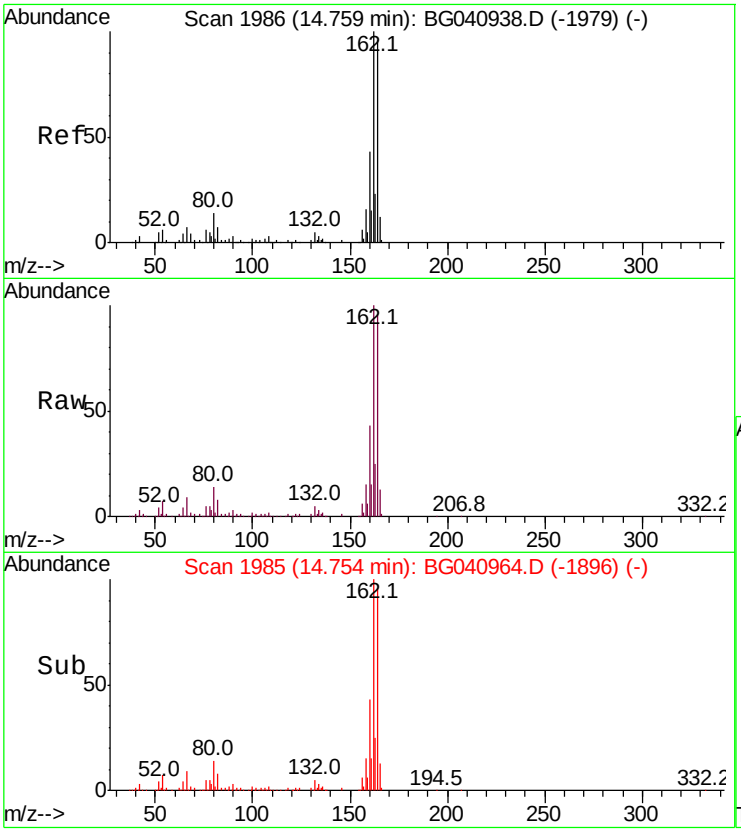


#23
Nitrobenzene-d5
Concen: 89.615 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion: 82 Resp: 512382

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.5	45.7
54	55.9	44.6	66.8



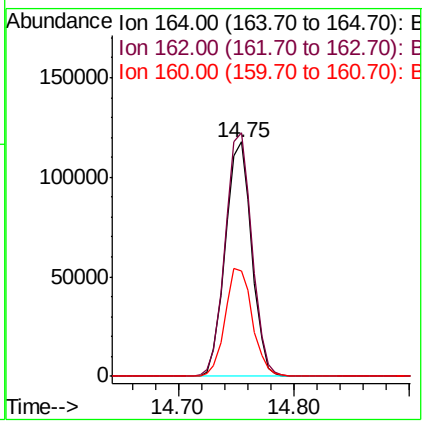


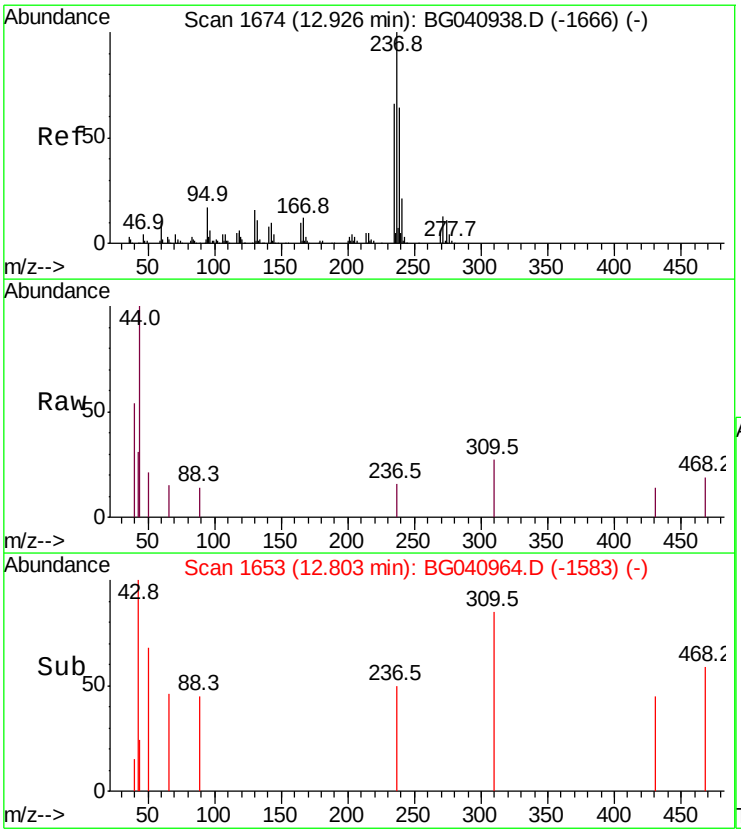
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 185720

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	45.0	35.6	53.4

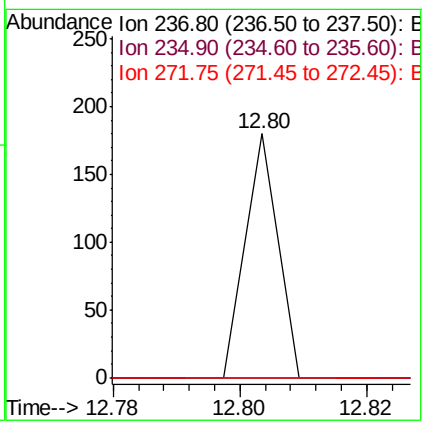


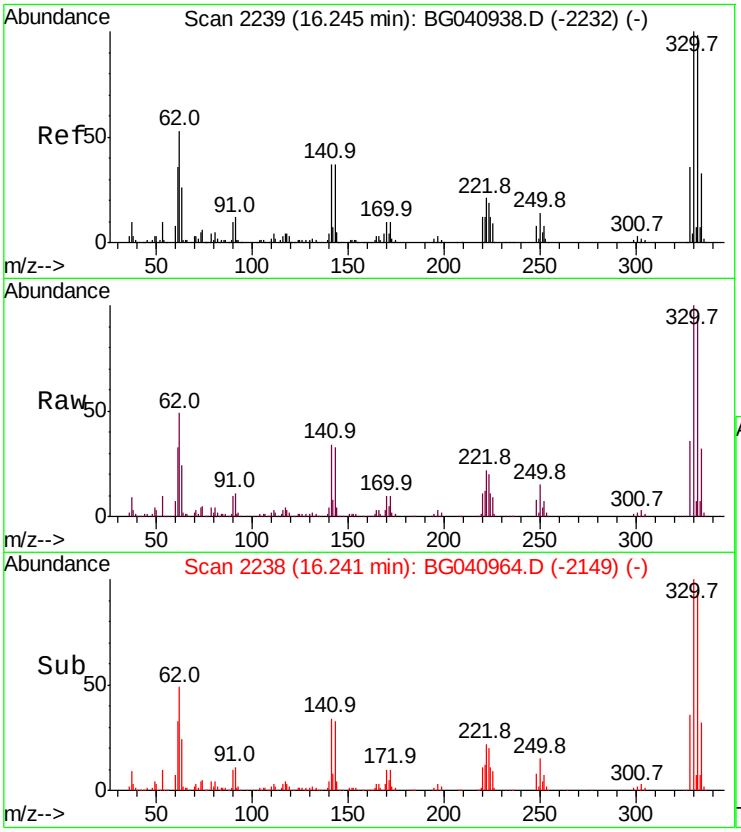


#41
Hexachlorocyclopentadiene
Concen: 8.249 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.12 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:237 Resp: 63

Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9



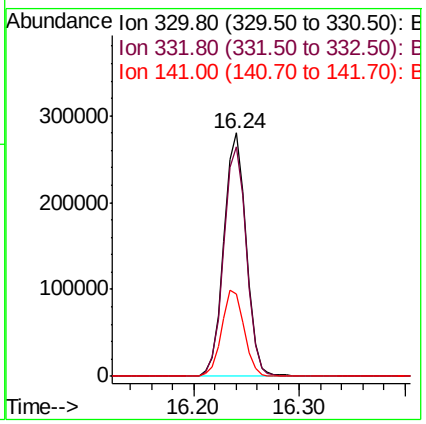


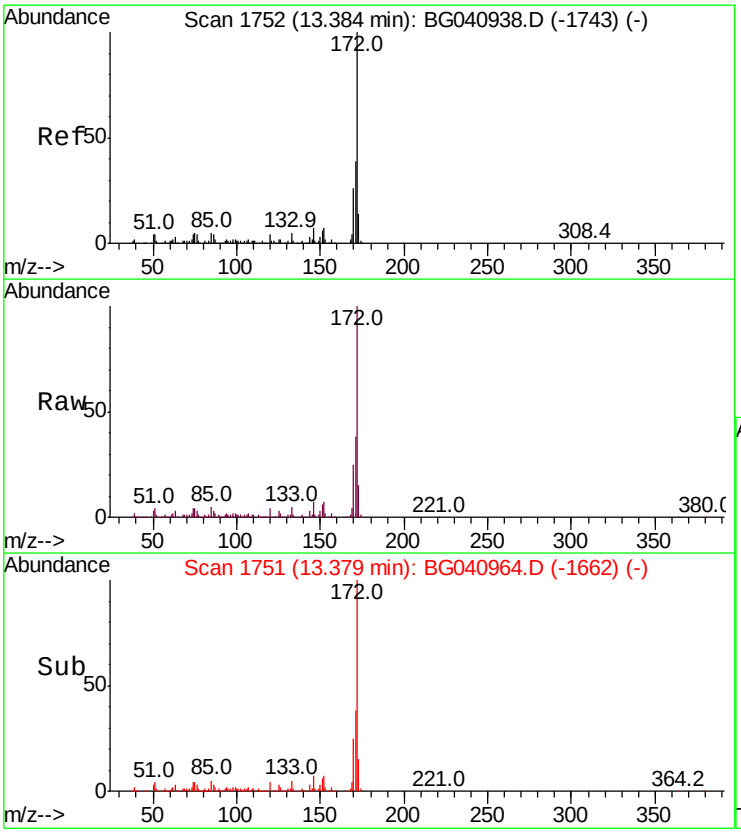
#42
2,4,6-Tribromophenol
Concen: 148.311 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 408914

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.5	117.7
141	35.6	28.7	43.1

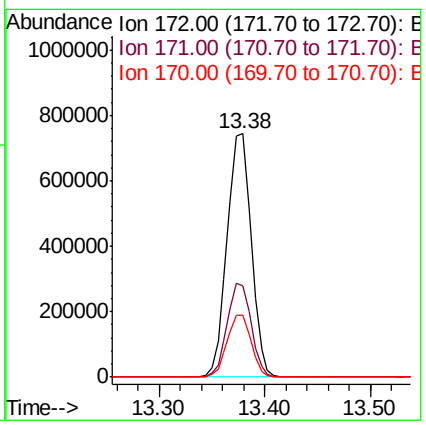


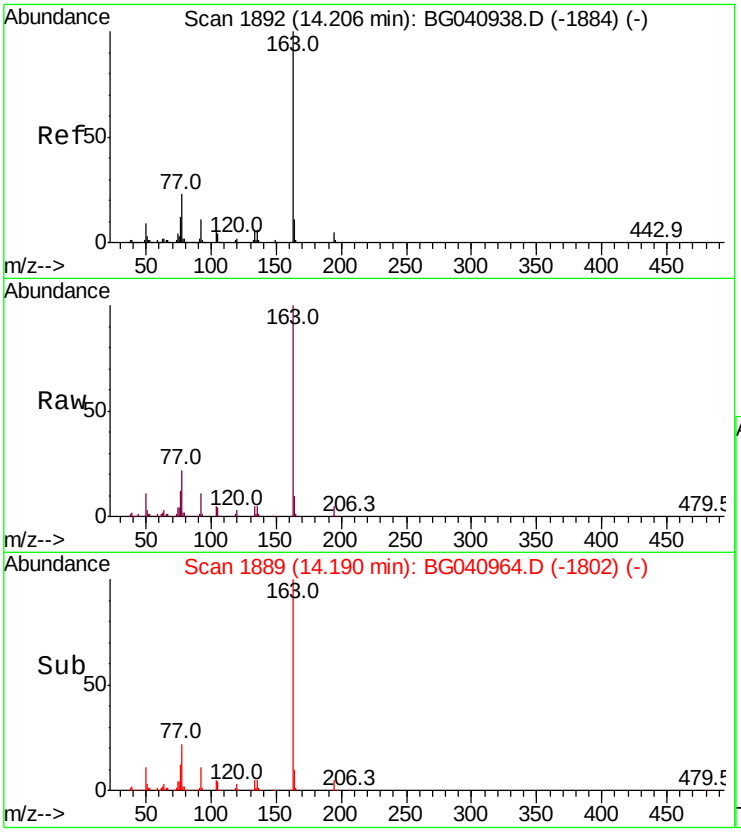


#45
2-Fluorobiphenyl
Concen: 91.252 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:172 Resp: 1176812

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.1	46.7
170	25.4	20.5	30.7



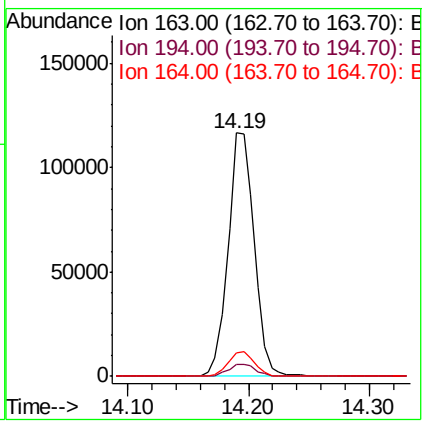


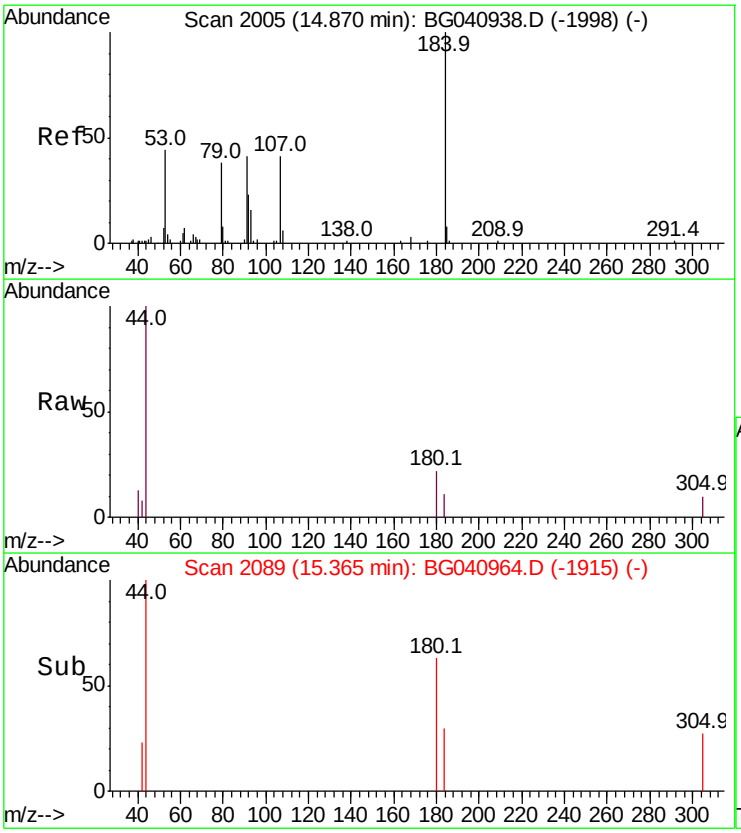
#50
Dimethylphthalate
Concen: 11.141 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 175154

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	9.8	8.7	13.1

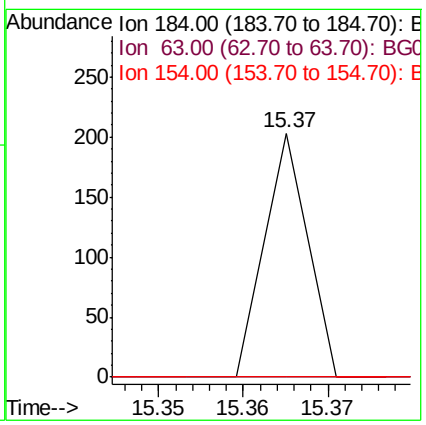


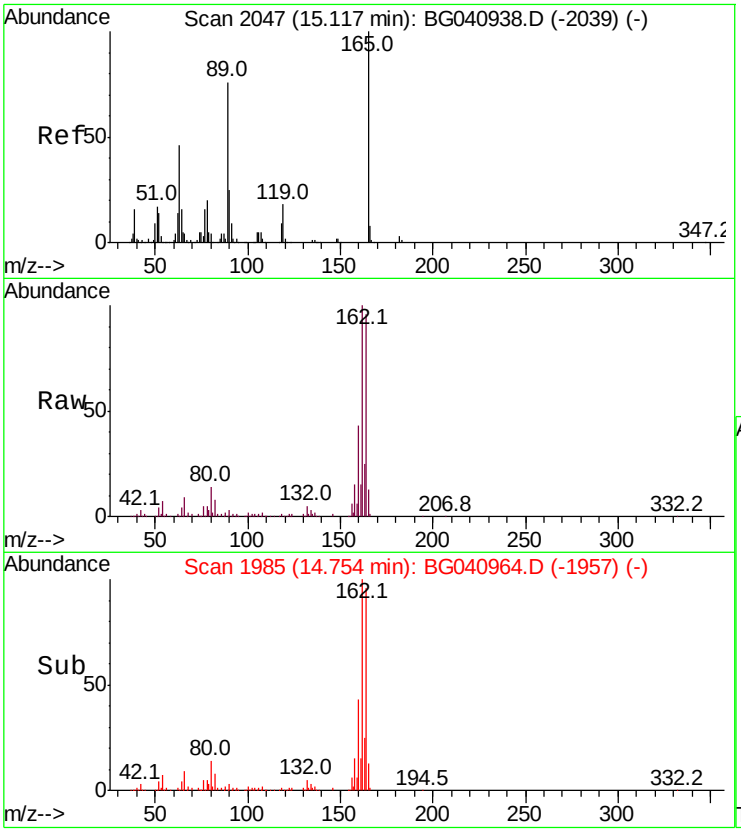


#54
2,4-Dinitrophenol
Concen: 8.302 ng
RT: 15.37 min Scan# 2089
Delta R.T. 0.50 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:184 Resp: 72

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#



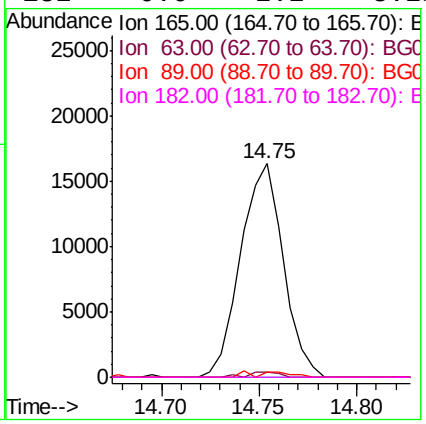


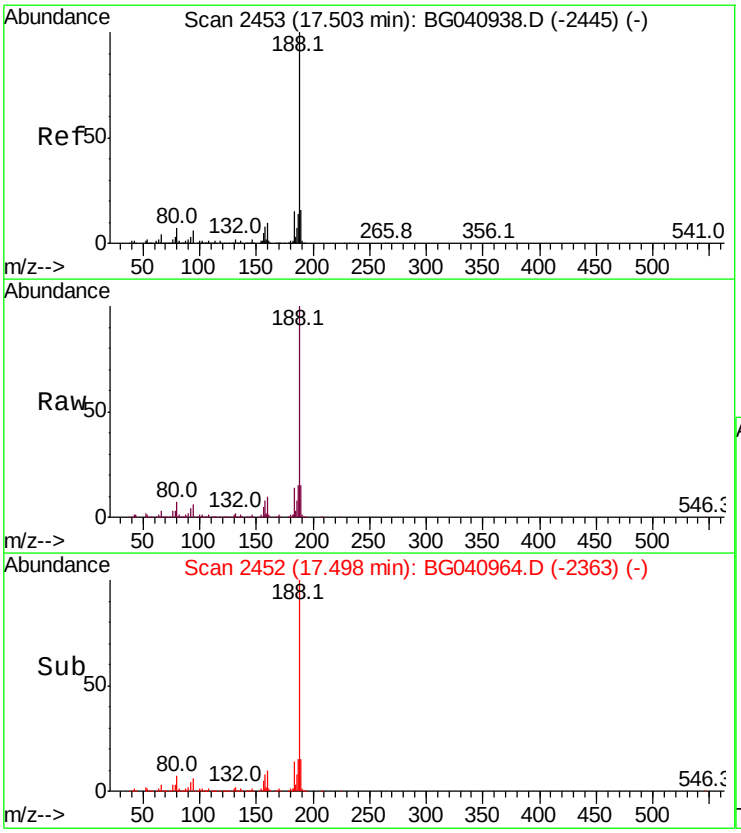
#57
2,4-Dinitrotoluene
Concen: 5.157 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.36 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24693

Ion	Ratio	Lower	Upper
165	100		
63	2.4	37.3	55.9#
89	2.3	61.0	91.6#
182	0.0	2.2	3.2#

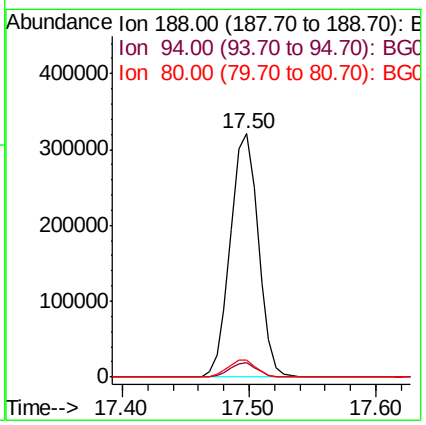


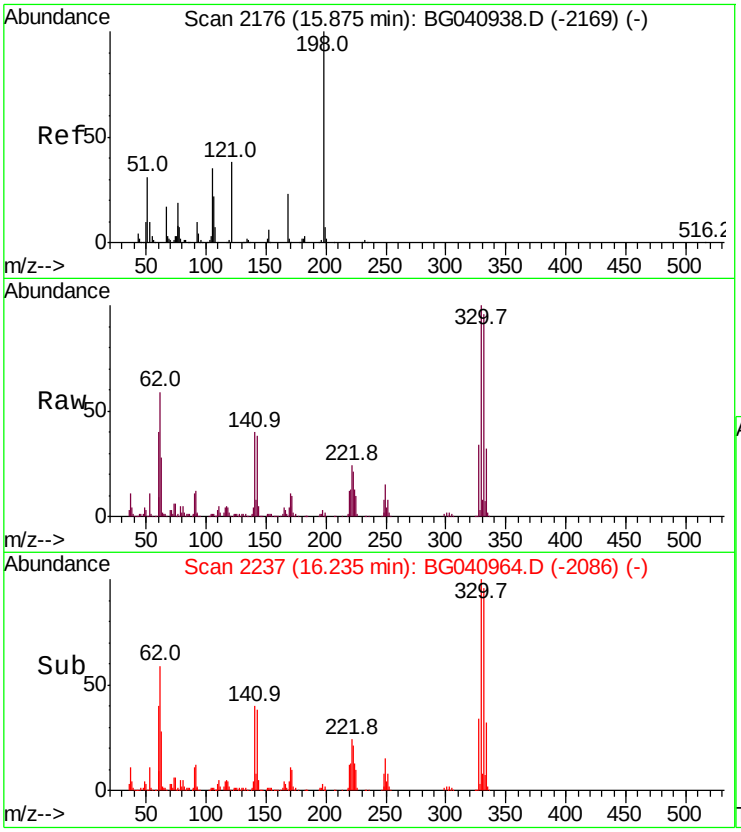


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:188 Resp: 489304

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.7	7.1
80	7.0	5.8	8.8



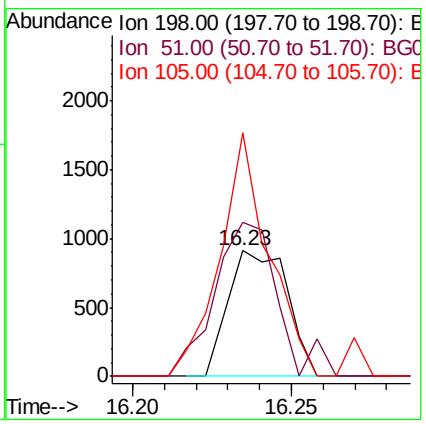


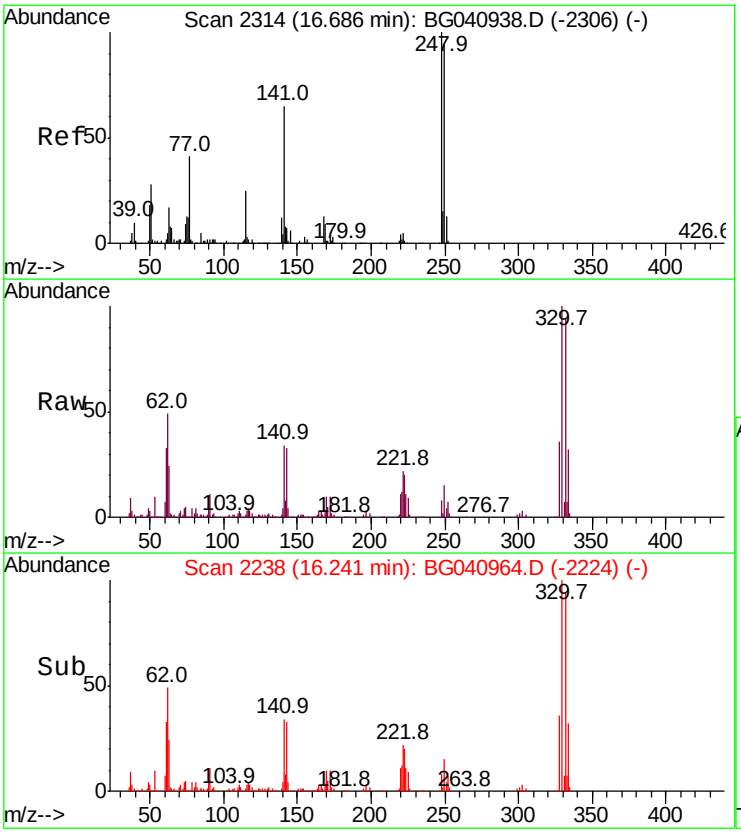
#65
4,6-Dinitro-2-methylphenol
Concen: 8.958 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.36 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1176

Ion	Ratio	Lower	Upper
198	100		
51	122.7	21.6	61.6#
105	193.6	17.5	57.5#

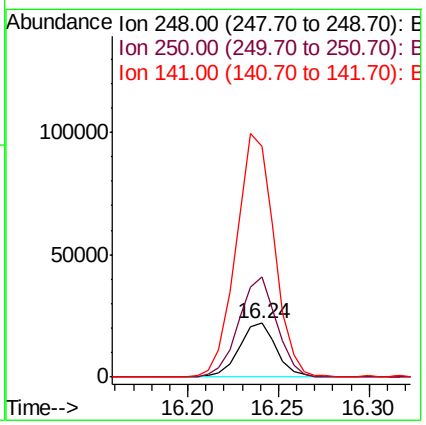


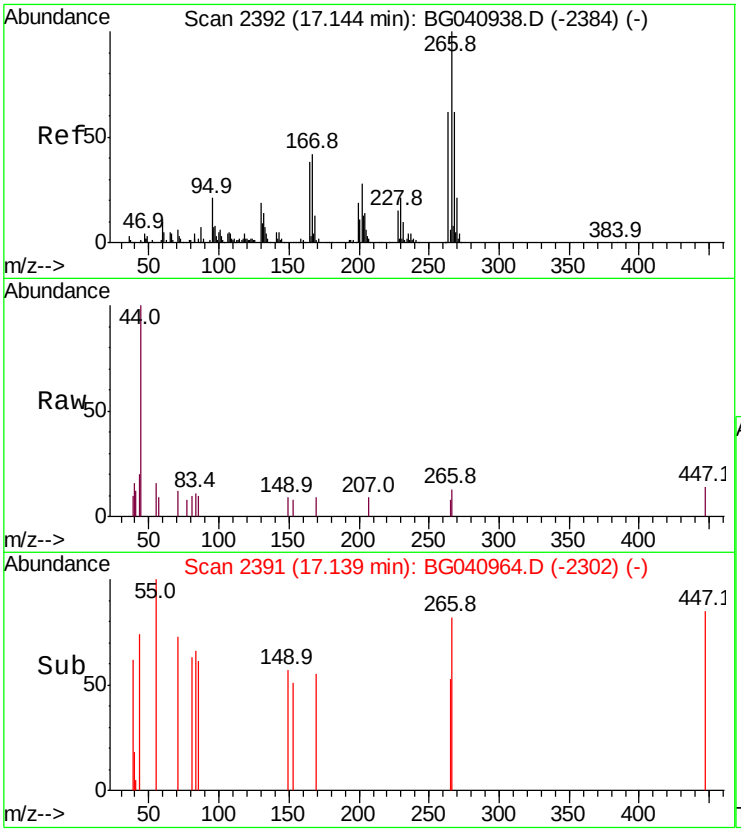


#67
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.45 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:248 Resp: 31227

Ion	Ratio	Lower	Upper
248	100		
250	186.6	75.0	112.4#
141	429.7	52.4	78.6#



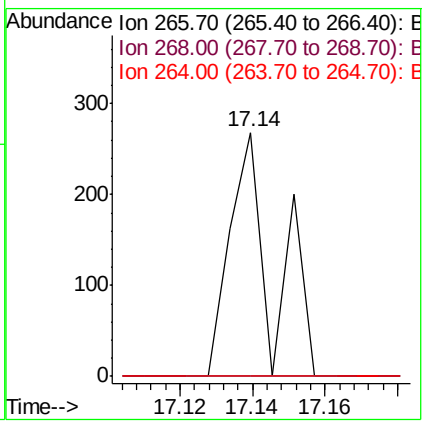


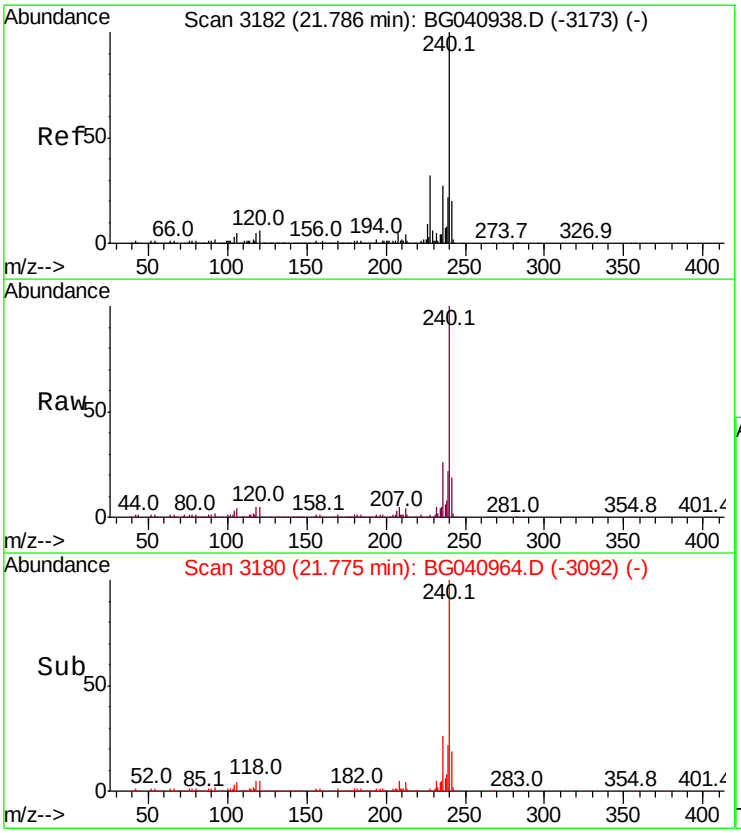
#70
Pentachlorophenol
Concen: 4.312 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 222

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#

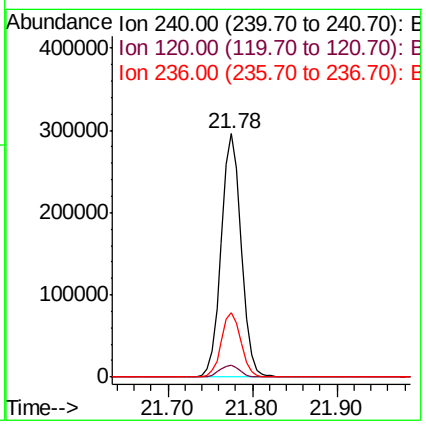


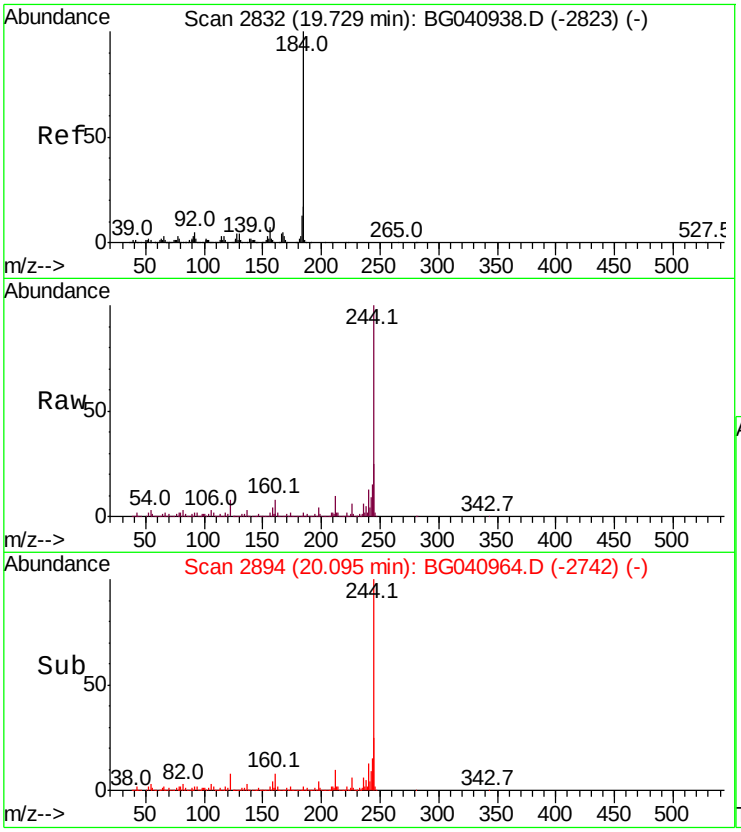


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:240 Resp: 484919

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	26.3	21.3	31.9



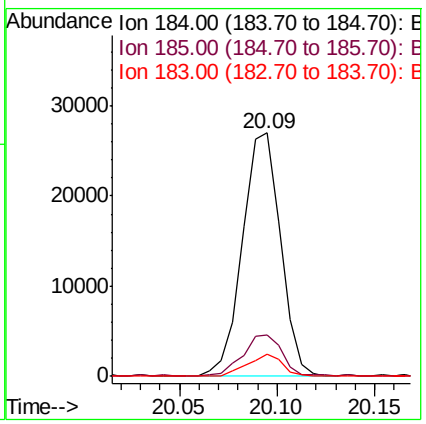


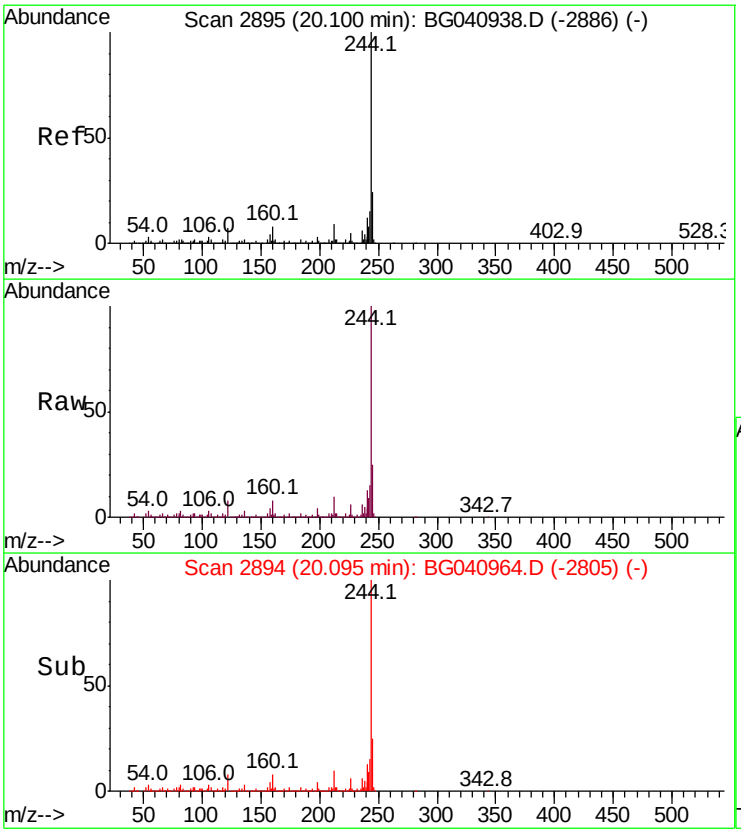
#77
Benzidine
Concen: 3.159 ng
RT: 20.09 min Scan# 2894
Delta R.T. 0.37 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36548

Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.3	19.9
183	9.1	10.7	16.1#

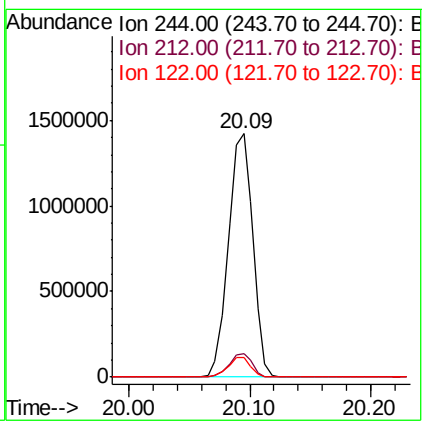


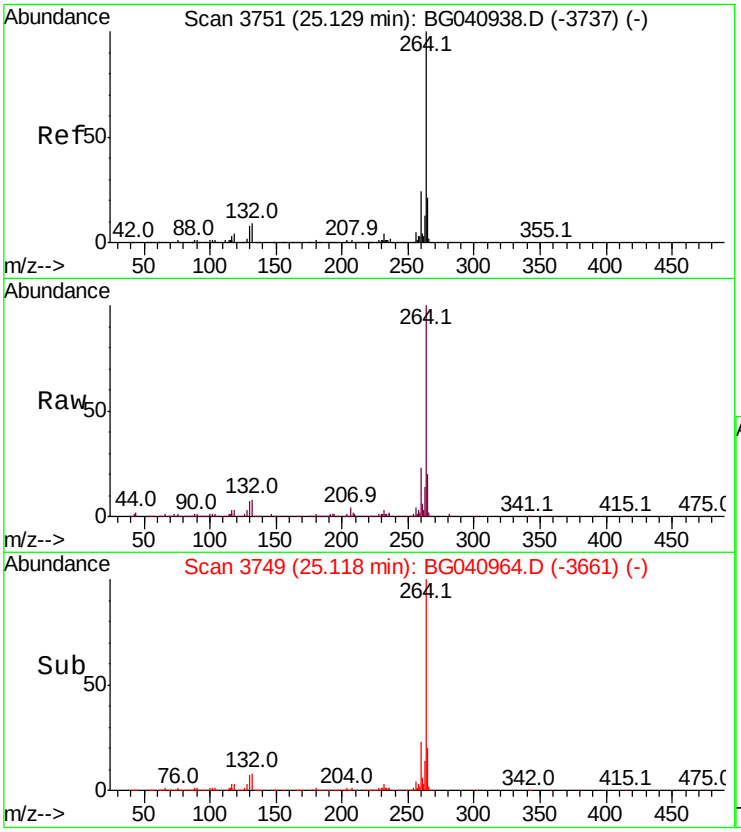


#79
Terphenyl-d14
Concen: 87.825 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Tgt Ion:244 Resp: 2006652

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.4
122	8.1	5.4	8.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040964.D
Acq: 31 May 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 505277

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	20.3	17.0	25.4