Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043825.D
Acq On : 17 Dec 2019 18:41
Operator : JU
Sample : PB125517TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 01:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	107807	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	472125	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	360514	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	889554	20.00	ng	0.00
76) Chrysene-d12	21.63	240	780519	20.00	ng	0.00
87) Perylene-d12	24.79	264	768445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	798515	140.34	ng	0.00
7) Phenol-d6	7.17	99	1171835	142.81	ng	0.00
23) Nitrobenzene-d5	9.15	82	673684	80.12	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	549142	159.78	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1658447	80.81	ng	0.00
79) Terphenyl-d14	19.99	244	2965968	91.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.17	77	2462	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.15	70	86187	13.738	ng	# 80
26) 2-Nitrophenol	9.61	139	63	8.363	ng	# 34
51) 2,6-Dinitrotoluene	14.63	165	47940	8.645	ng	# 28
57) 2,4-Dinitrotoluene	14.63	165	47940	6.398	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.11	198	2169	10.008	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	43419	4.565	ng	# 1
77) Benzidine	19.99	184	64693	3.799	ng	# 94

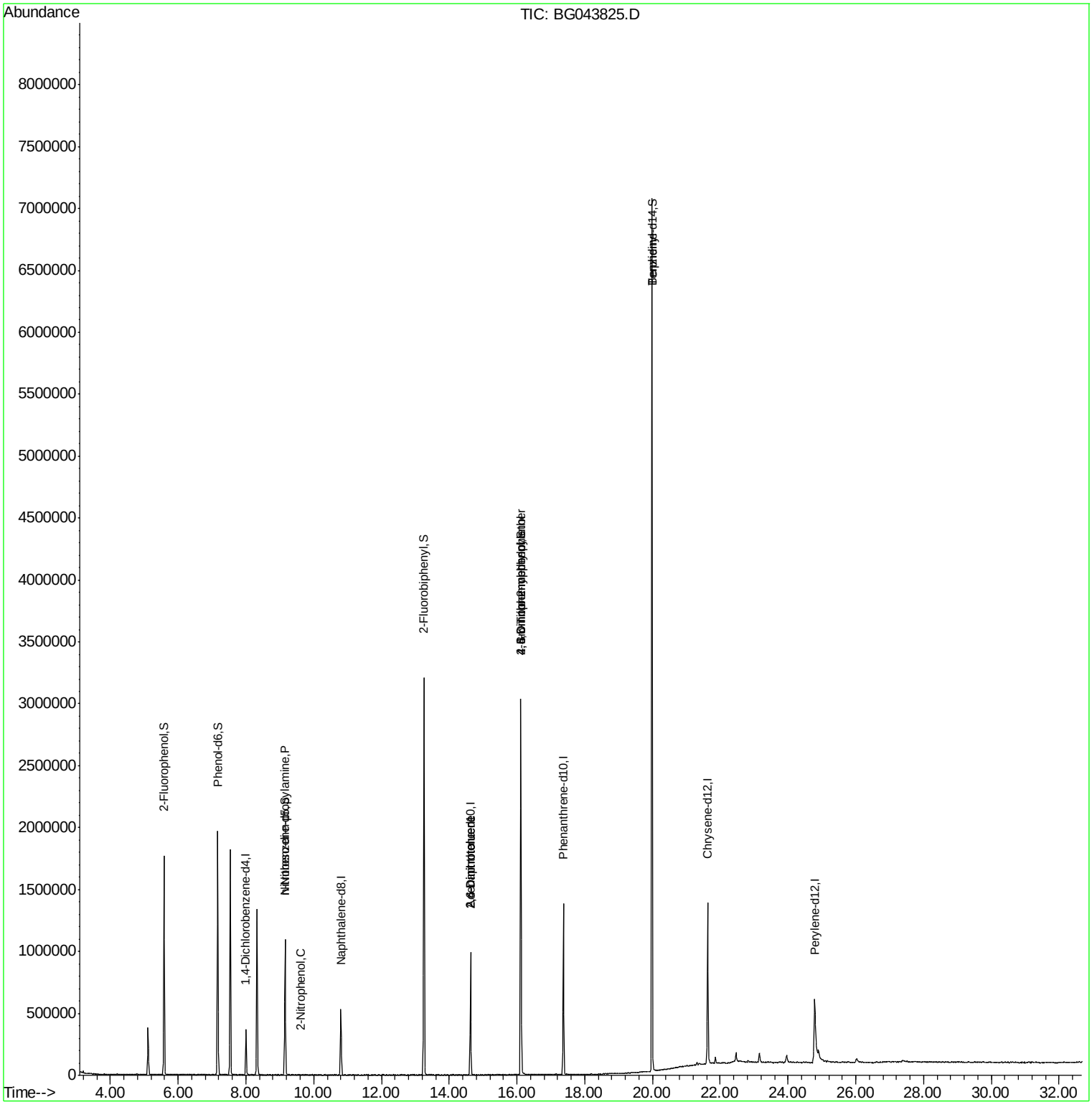
(#) = qualifier out of range (m) = manual integration (+) = signals summed

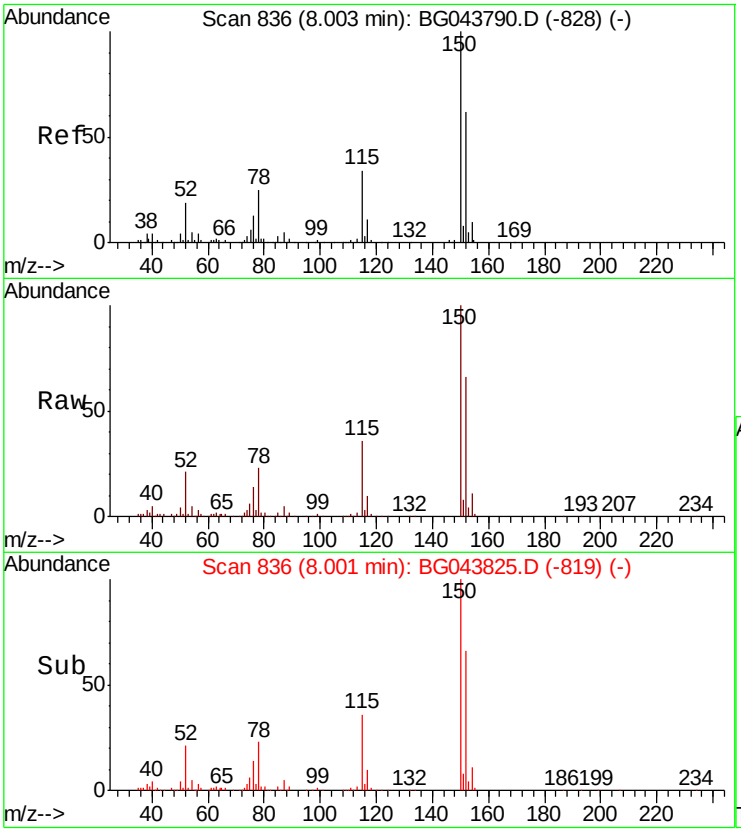
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043825.D
Acq On : 17 Dec 2019 18:41
Operator : JU
Sample : PB125517TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 18 01:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration



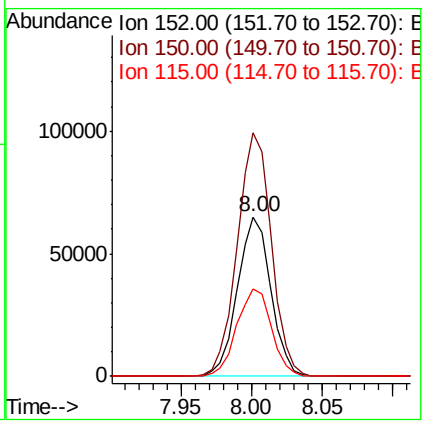


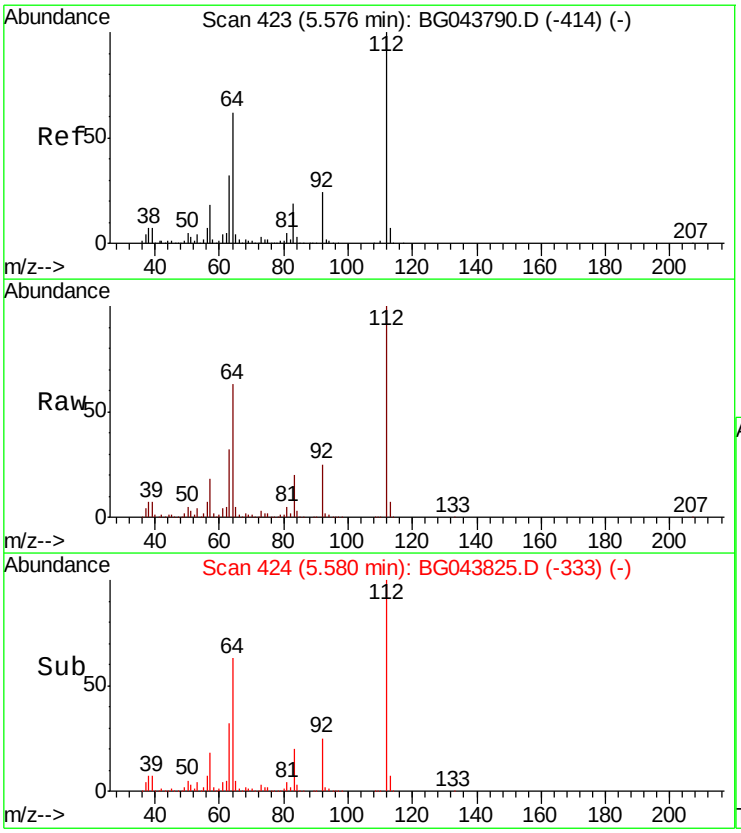
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 107807

Ion	Ratio	Lower	Upper
152	100		
150	152.4	128.6	192.8
115	54.8	44.3	66.5

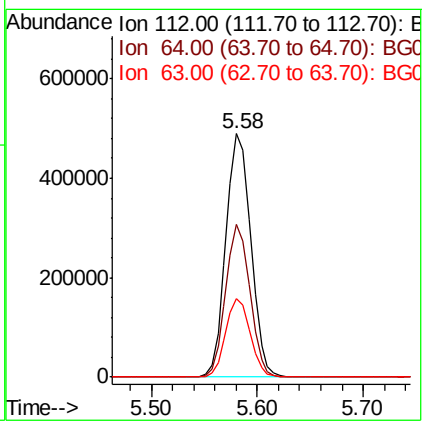


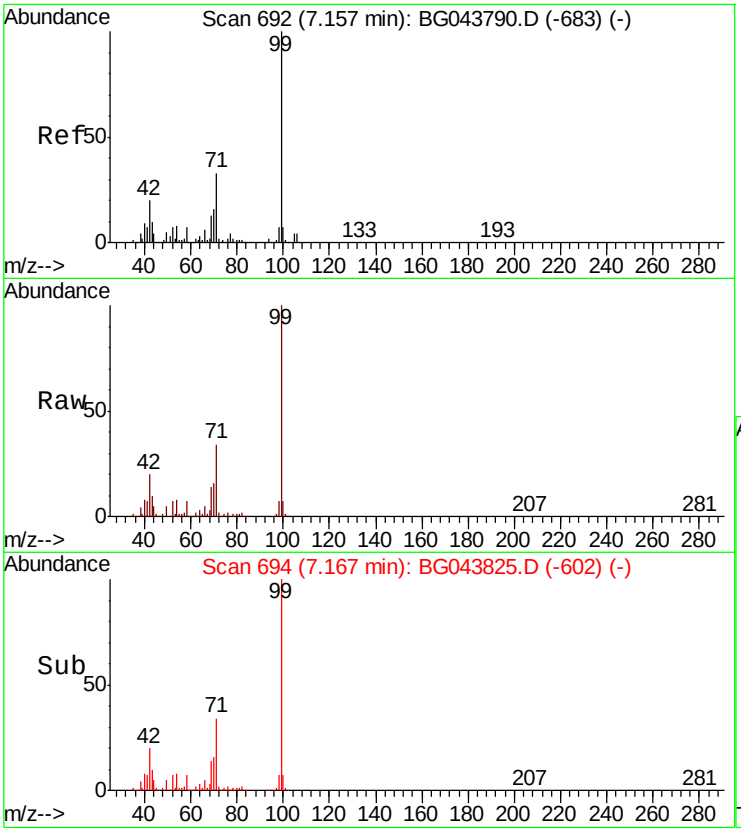


#5
2-Fluorophenol
Concen: 140.340 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion:112 Resp: 798515

Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.9	74.9
63	32.4	26.0	39.0



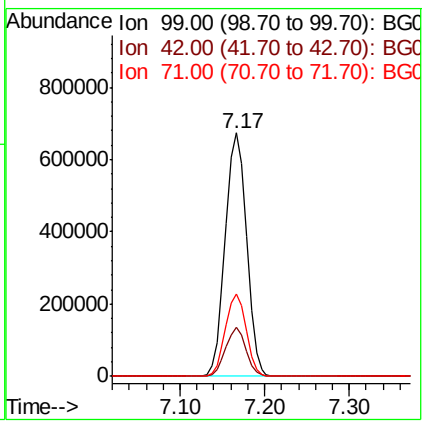


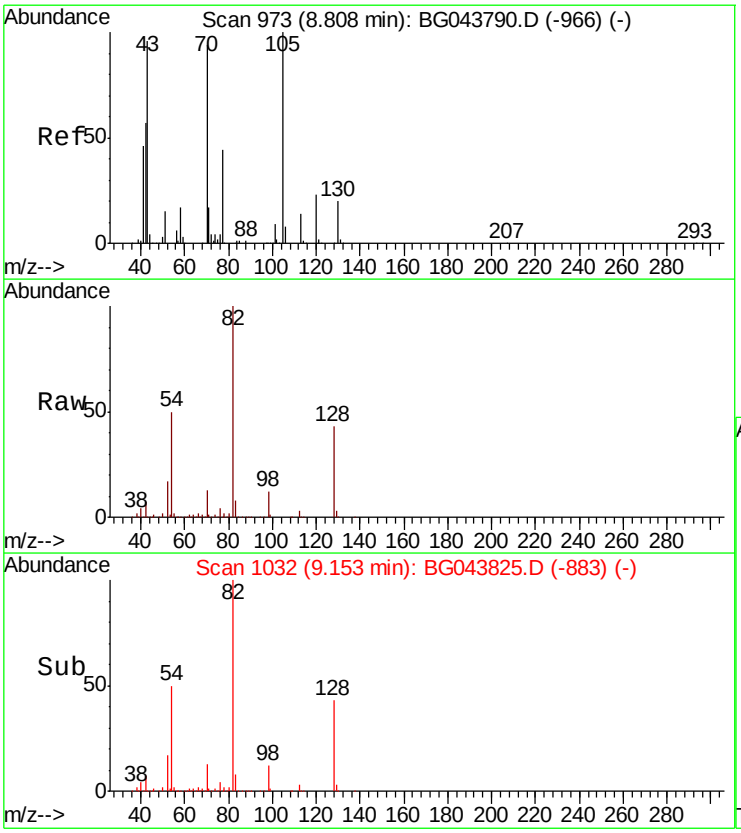
#7
Phenol-d6
Concen: 142.805 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.01 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1171835

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	33.7	26.6	40.0

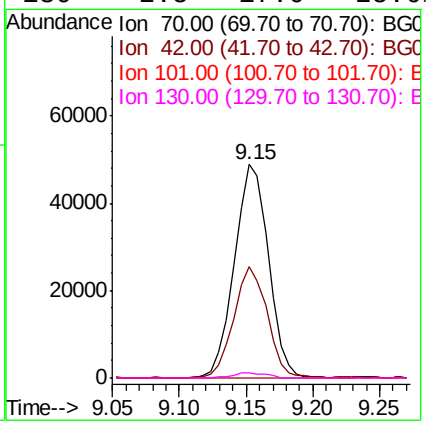


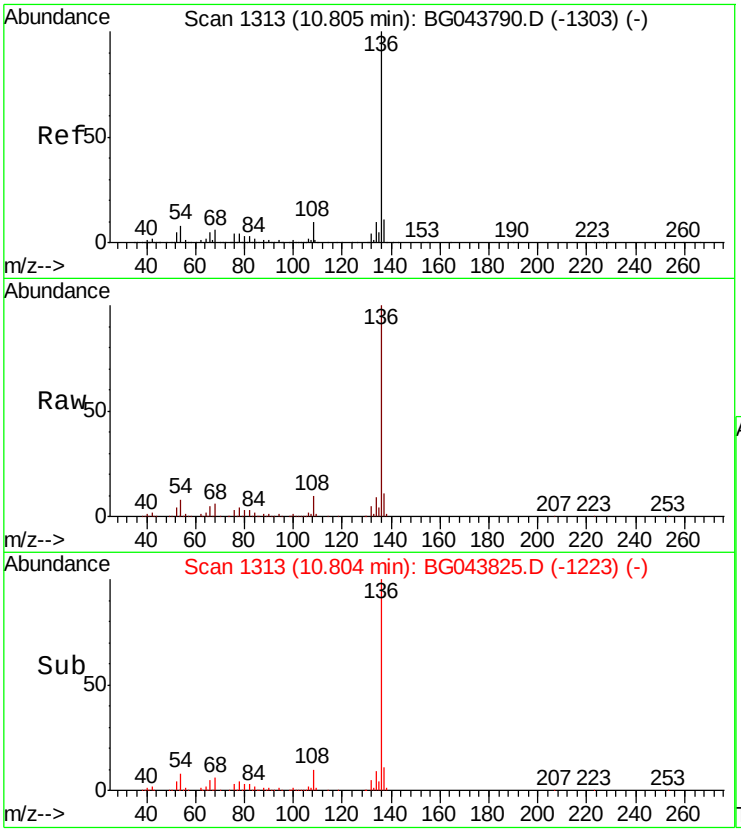


#19
n-Nitroso-di-n-propylamine
Concen: 13.738 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion: 70 Resp: 86187

Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.2	73.8
101	0.0	7.8	11.6#
130	2.5	17.0	25.6#



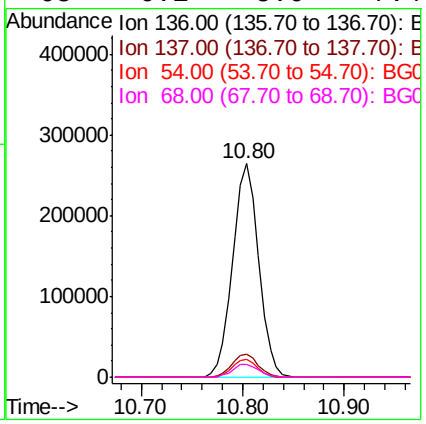


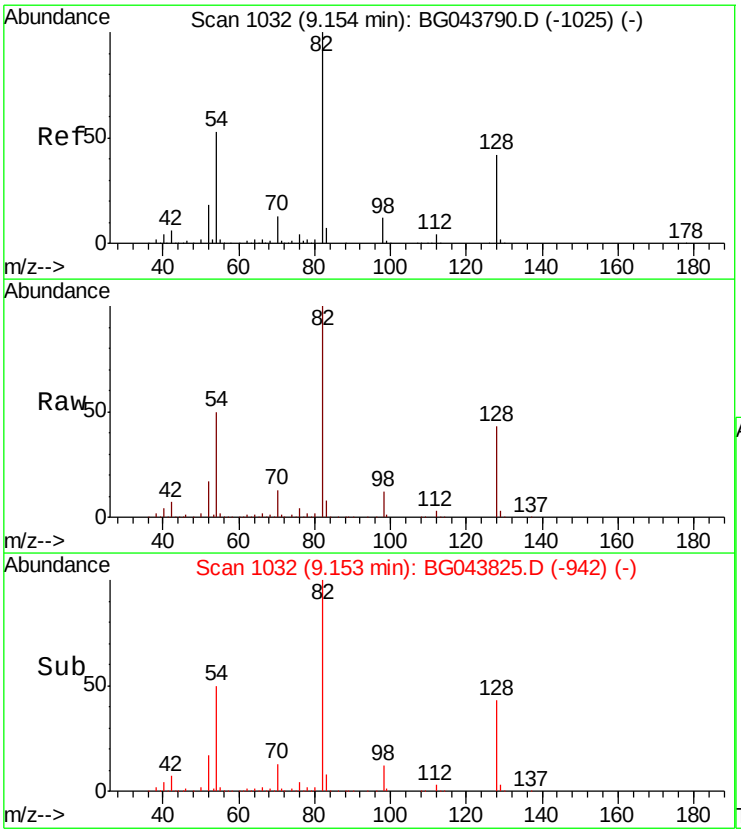
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 472125

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.3	6.8	10.2
68	6.1	5.0	7.4

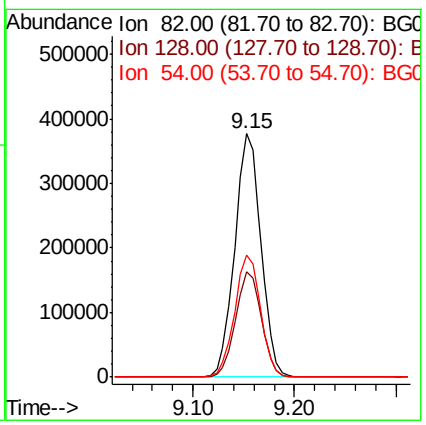


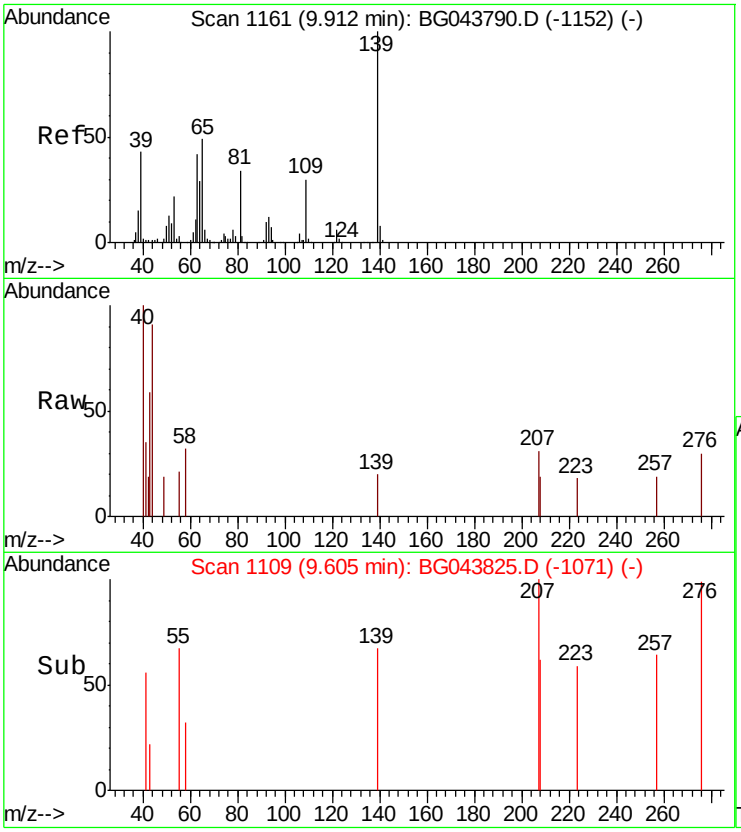


#23
Nitrobenzene-d5
Concen: 80.117 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion: 82 Resp: 673684

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.6	50.4
54	50.2	42.1	63.1



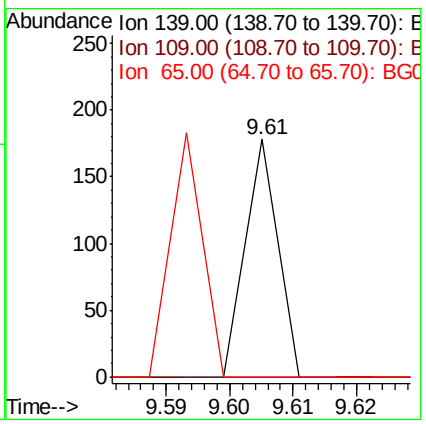


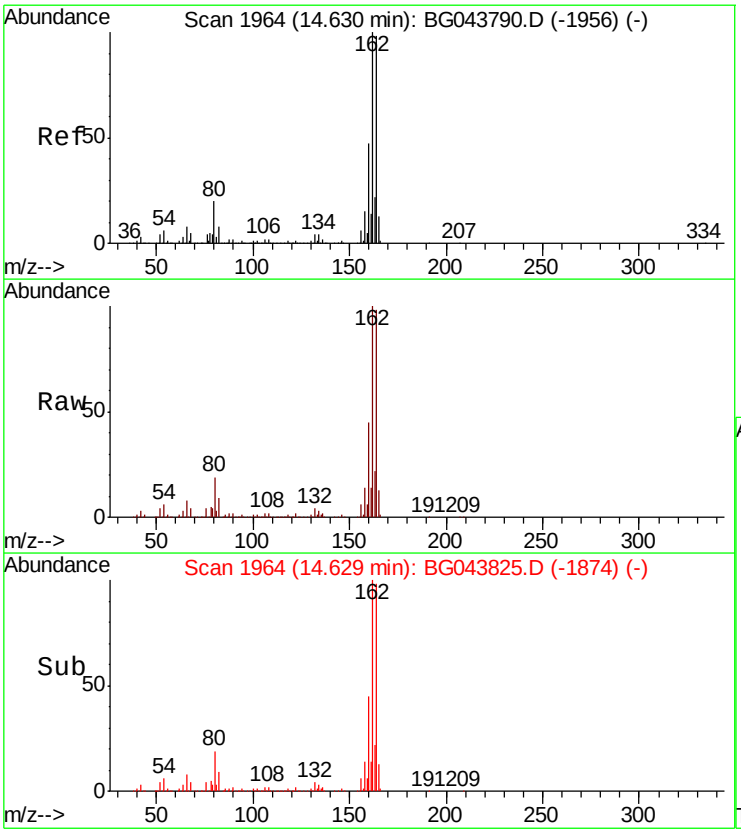
#26
2-Nitrophenol
Concen: 8.363 ng
RT: 9.61 min Scan# 1109
Delta R.T. -0.31 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 63

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	39.3	58.9#

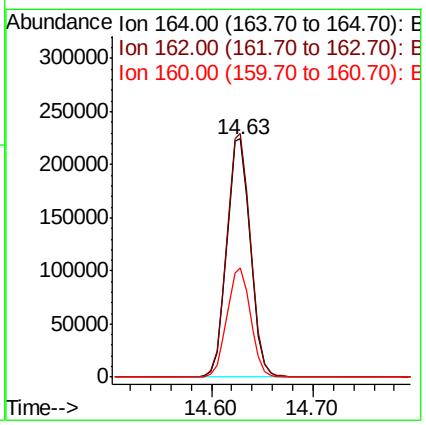


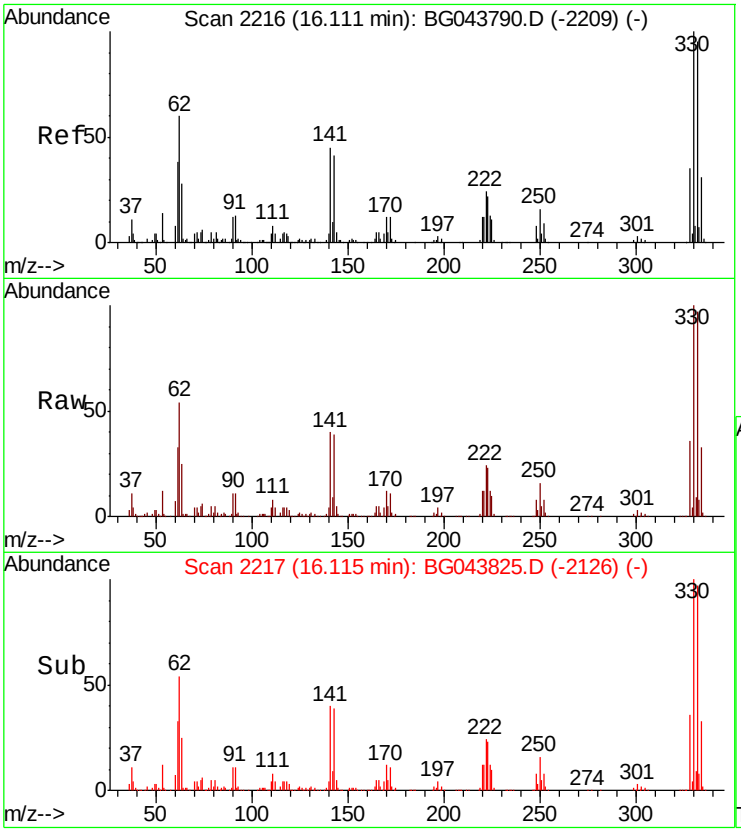


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion:164 Resp: 360514

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.9	122.9
160	46.0	38.3	57.5



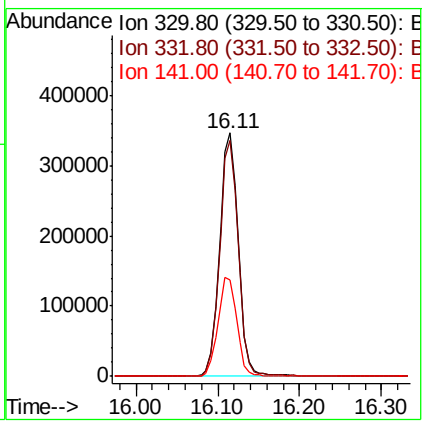


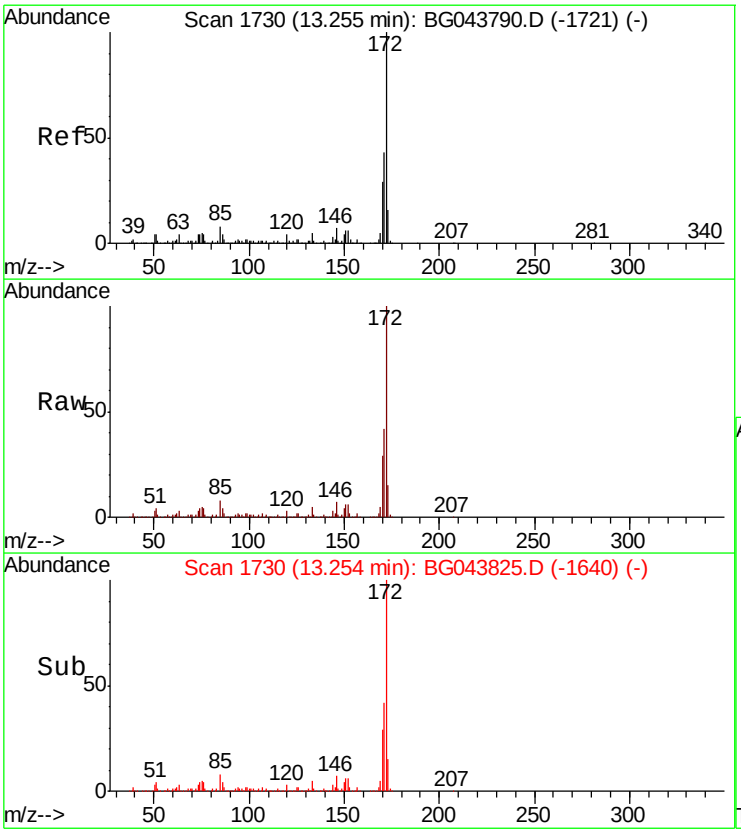
#42
2,4,6-Tribromophenol
Concen: 159.775 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 549142

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	41.3	33.8	50.8

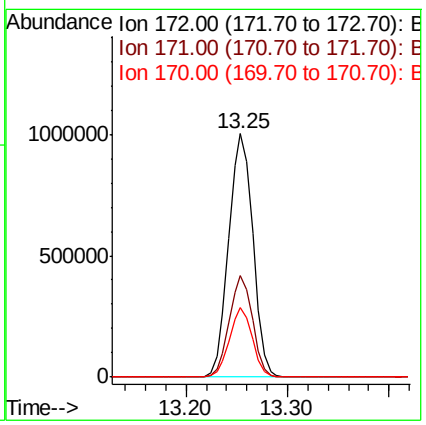


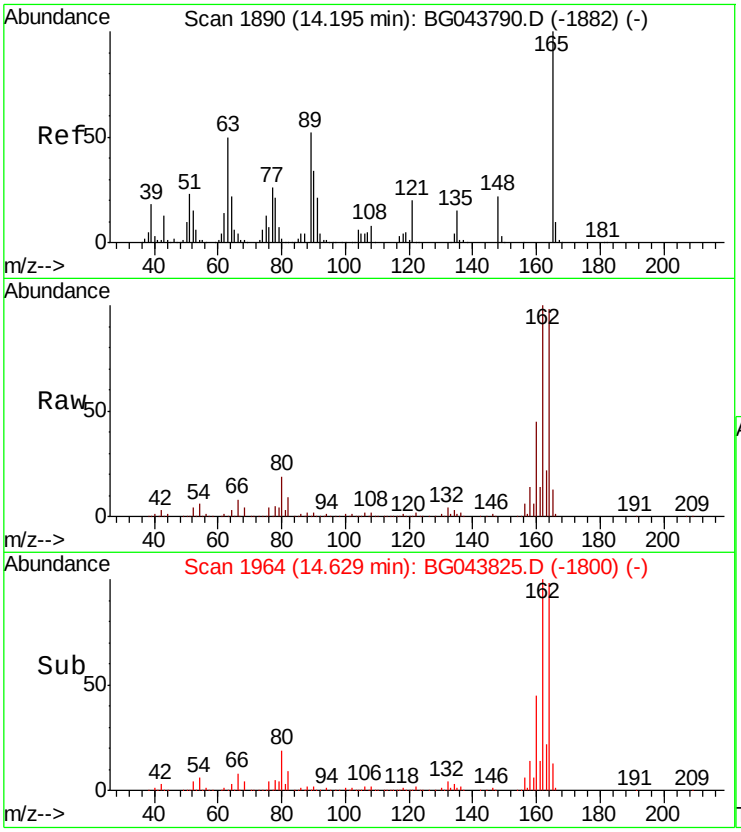


#45
2-Fluorobiphenyl
Concen: 80.806 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion:172 Resp: 1658447

Ion	Ratio	Lower	Upper
172	100		
171	41.9	34.6	51.8
170	28.6	23.3	34.9



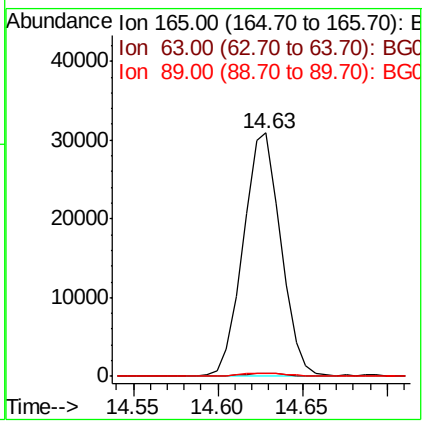


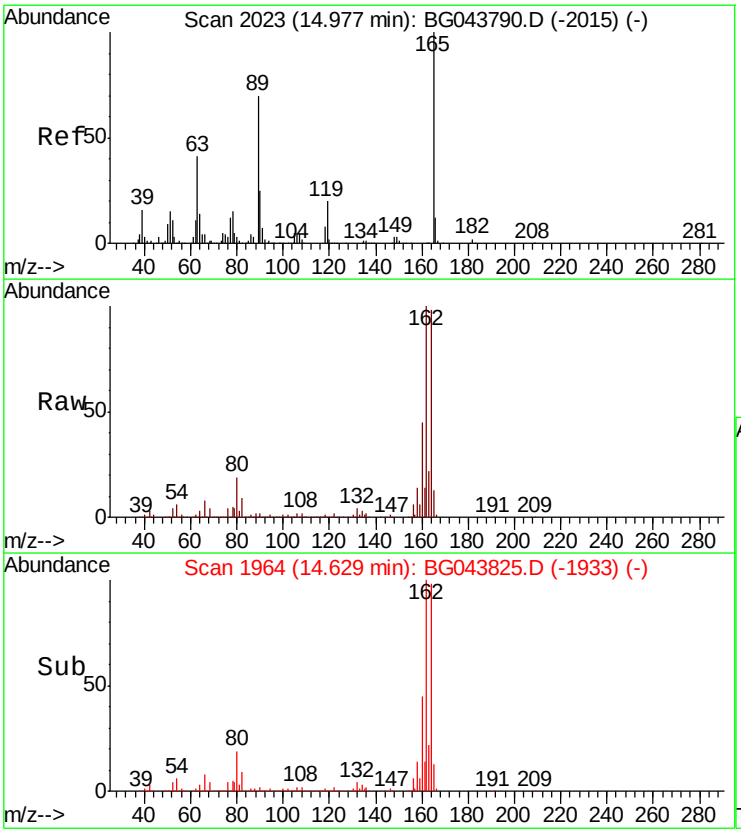
#51
2,6-Dinitrotoluene
Concen: 8.645 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 47940

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.3	60.5#
89	1.4	41.8	62.8#

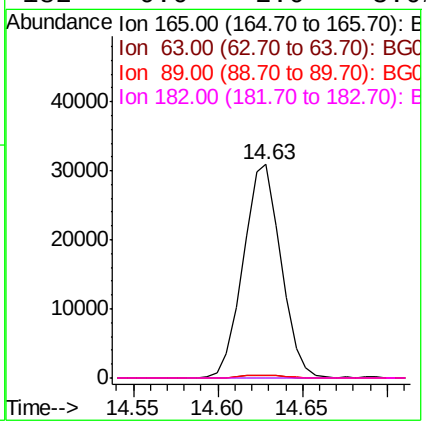


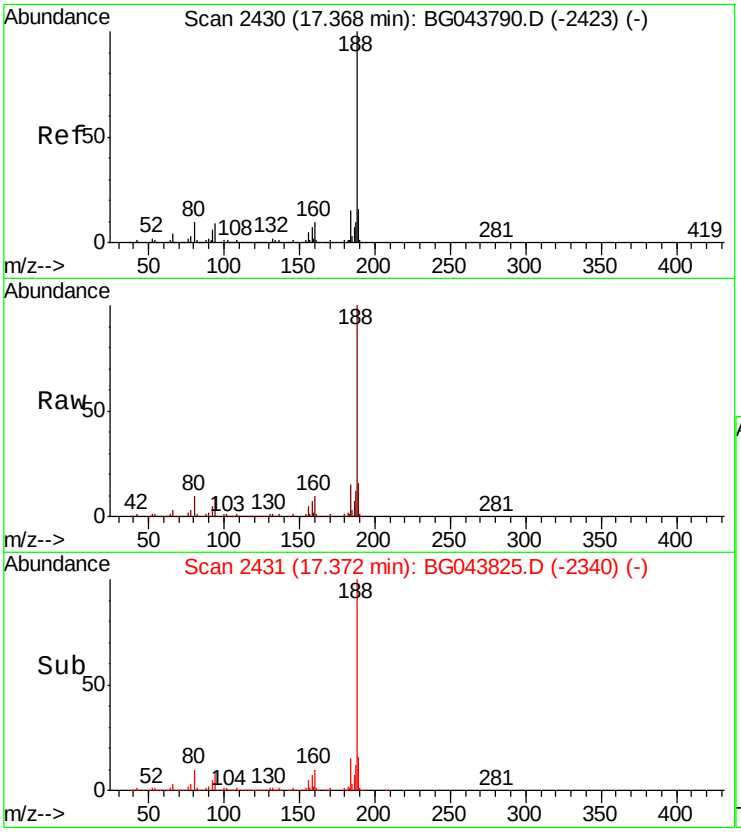


#57
2,4-Dinitrotoluene
Concen: 6.398 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.35 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion:165 Resp: 47940

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.7	49.1#
89	1.4	56.1	84.1#
182	0.0	2.0	3.0#



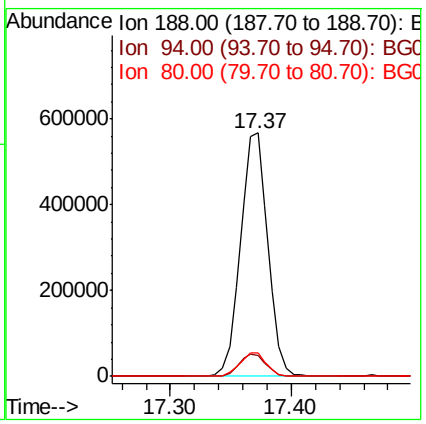


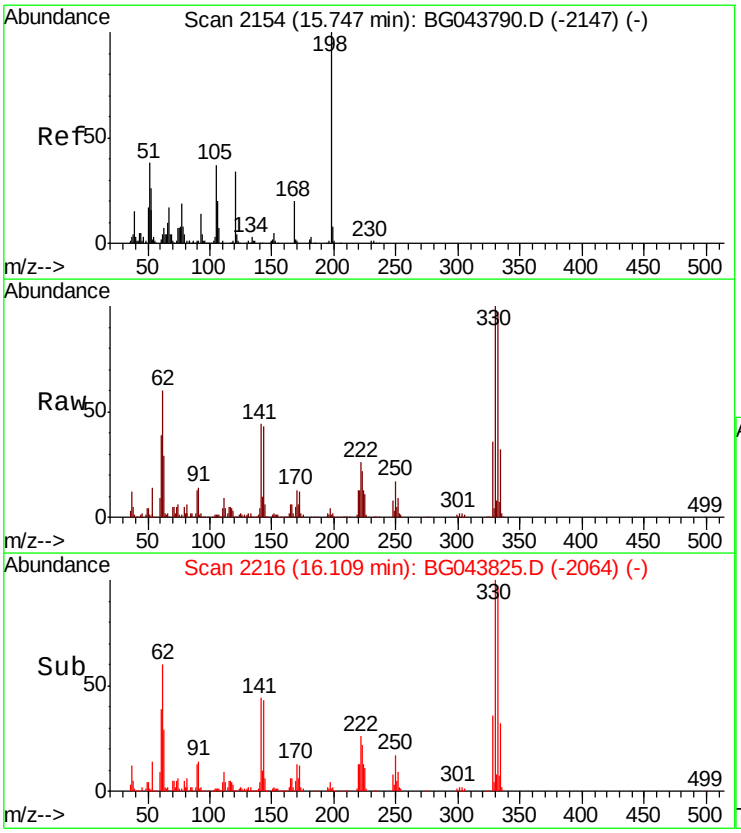
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 889554

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.5	7.8	11.8

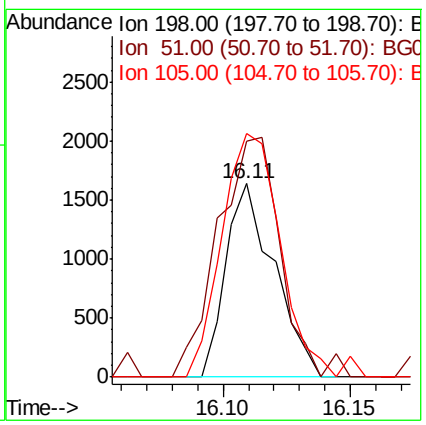


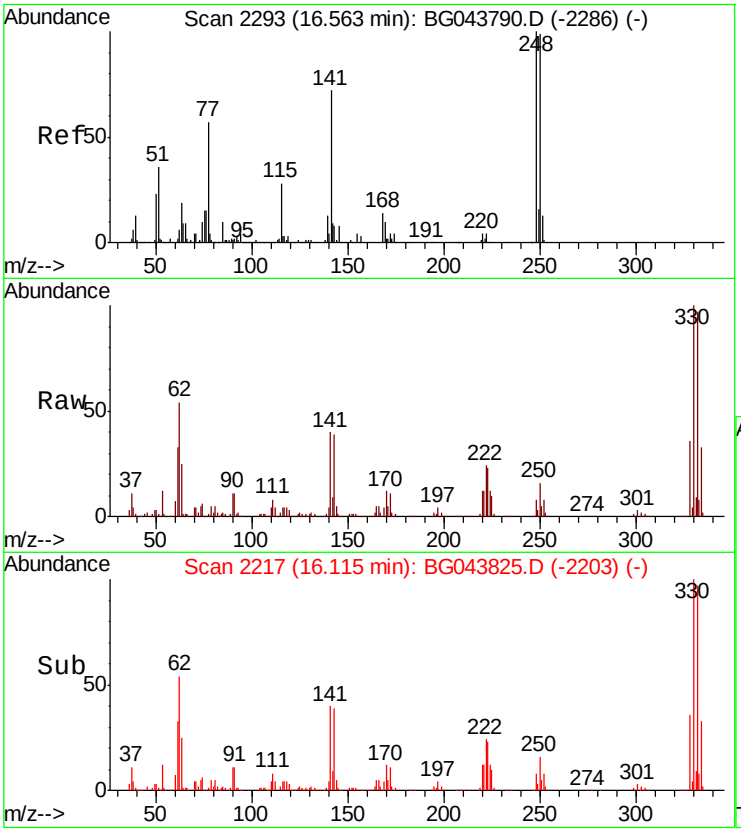


#65
4,6-Dinitro-2-methylphenol
Concen: 10.008 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.36 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion:198 Resp: 2169

Ion	Ratio	Lower	Upper
198	100		
51	122.4	18.9	58.9#
105	126.1	18.1	58.1#



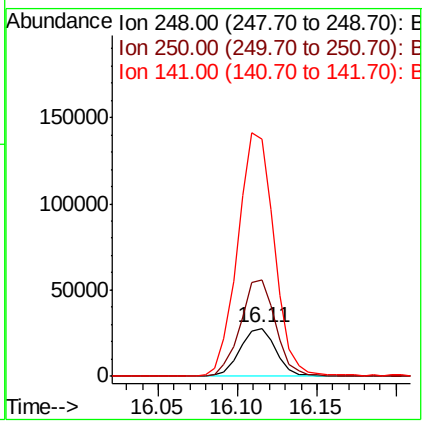


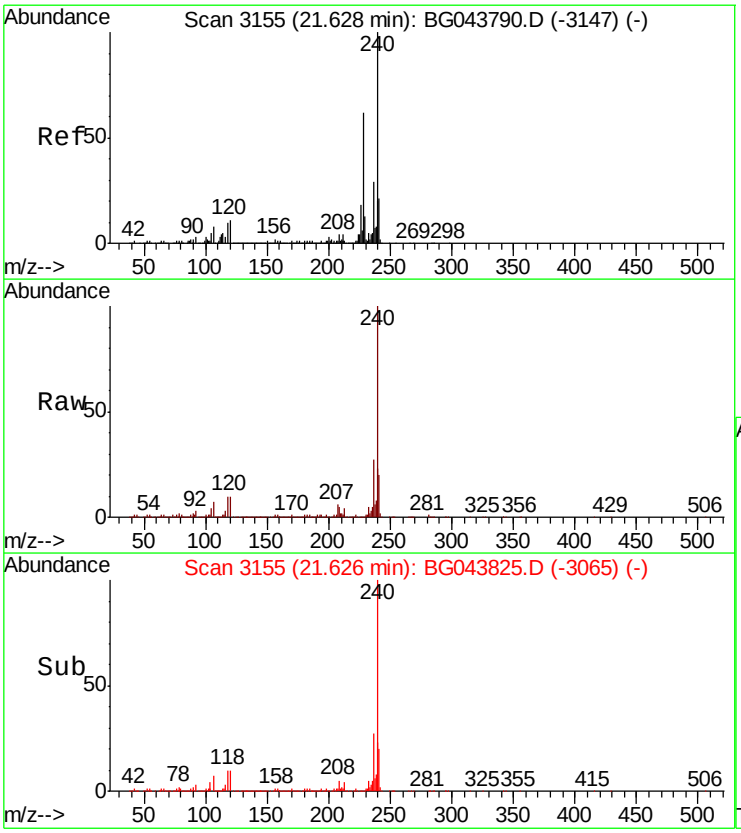
#67
4-Bromophenyl-phenylether
Concen: 4.565 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 43419

Ion	Ratio	Lower	Upper
248	100		
250	199.3	79.0	118.6#
141	489.7	57.8	86.6#

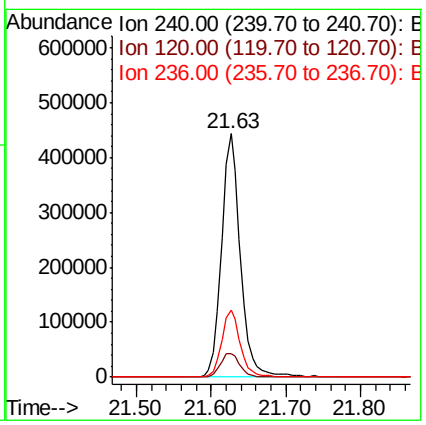


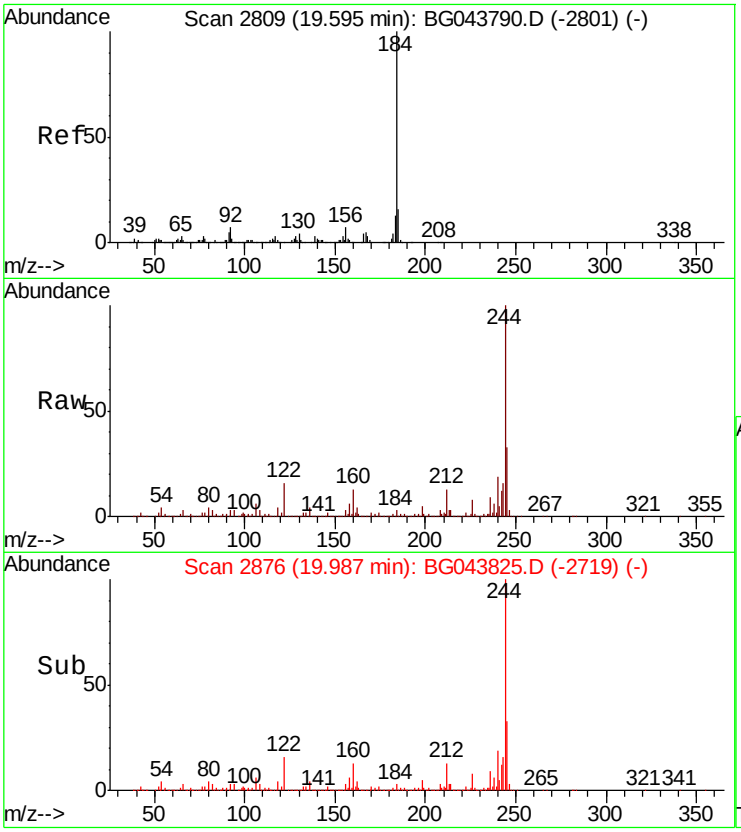


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion:240 Resp: 780519

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.6	12.8
236	27.3	23.1	34.7



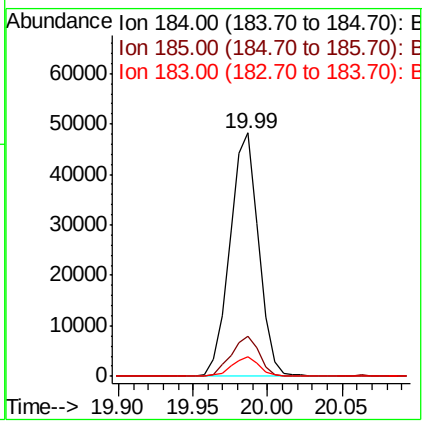


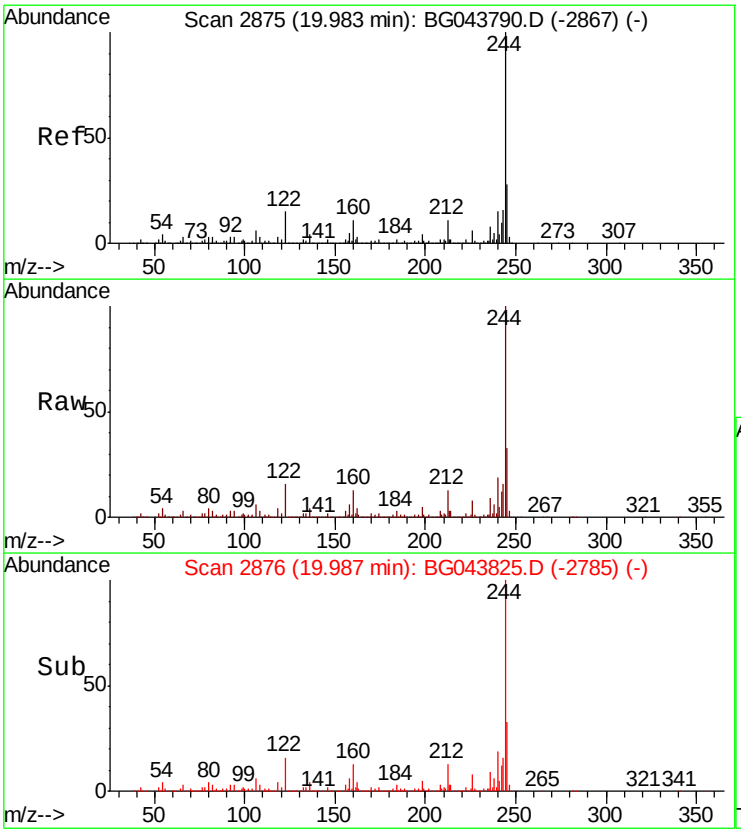
#77
Benzidine
Concen: 3.799 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.39 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 64693

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.9	19.3
183	8.0	10.3	15.5#

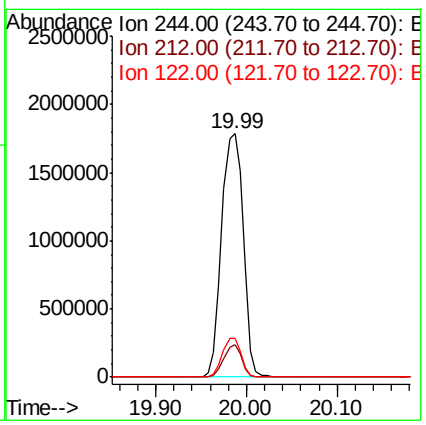


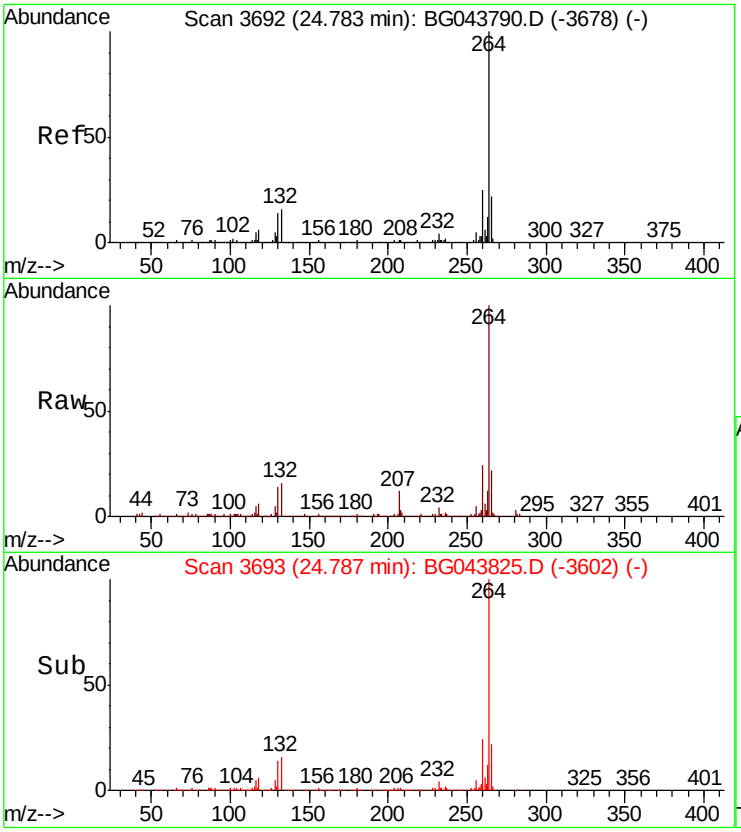


#79
Terphenyl-d14
Concen: 91.419 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Tgt Ion:244 Resp: 2965968

Ion	Ratio	Lower	Upper
244	100		
212	13.4	9.1	13.7
122	15.9	11.6	17.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG043825.D
Acq: 17 Dec 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 768445

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.8	17.9	26.9