Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040959.D
Acq On : 30 May 2019 20:49
Operator : HP/JU
Sample : K3084-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 31 04:04:07 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	63778	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	235174	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	166884	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	448349	20.00	ng		0.00
76) Chrysene-d12	21.77	240	469904	20.00	ng		-0.01
87) Perylene-d12	25.12	264	490028	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	482744	136.49	ng		0.00
7) Phenol-d6	7.27	99	685685	125.53	ng		0.00
23) Nitrobenzene-d5	9.30	82	475417	89.74	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	355685	143.57	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	933013	80.51	ng		0.00
79) Terphenyl-d14	20.09	244	1656608	74.82	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	69199	16.462	ng	#	75
32) Benzoic acid	10.25	122	61	8.148	ng	#	1
50) Dimethylphthalate	14.19	163	186976	13.236	ng		99
54) 2,4-Dinitrophenol	14.83	184	59	8.297	ng	#	18
57) 2,4-Dinitrotoluene	14.75	165	22648	5.264	ng	#	22
65) 4,6-Dinitro-2-methylphenol	16.24	198	1164	8.987	ng	#	7
67) 4-Bromophenyl-phenylether	16.24	248	26940	4.452	ng	#	1
70) Pentachlorophenol	17.11	266	91	4.281	ng	#	18
77) Benzidine	20.09	184	29922	2.669	ng	#	89

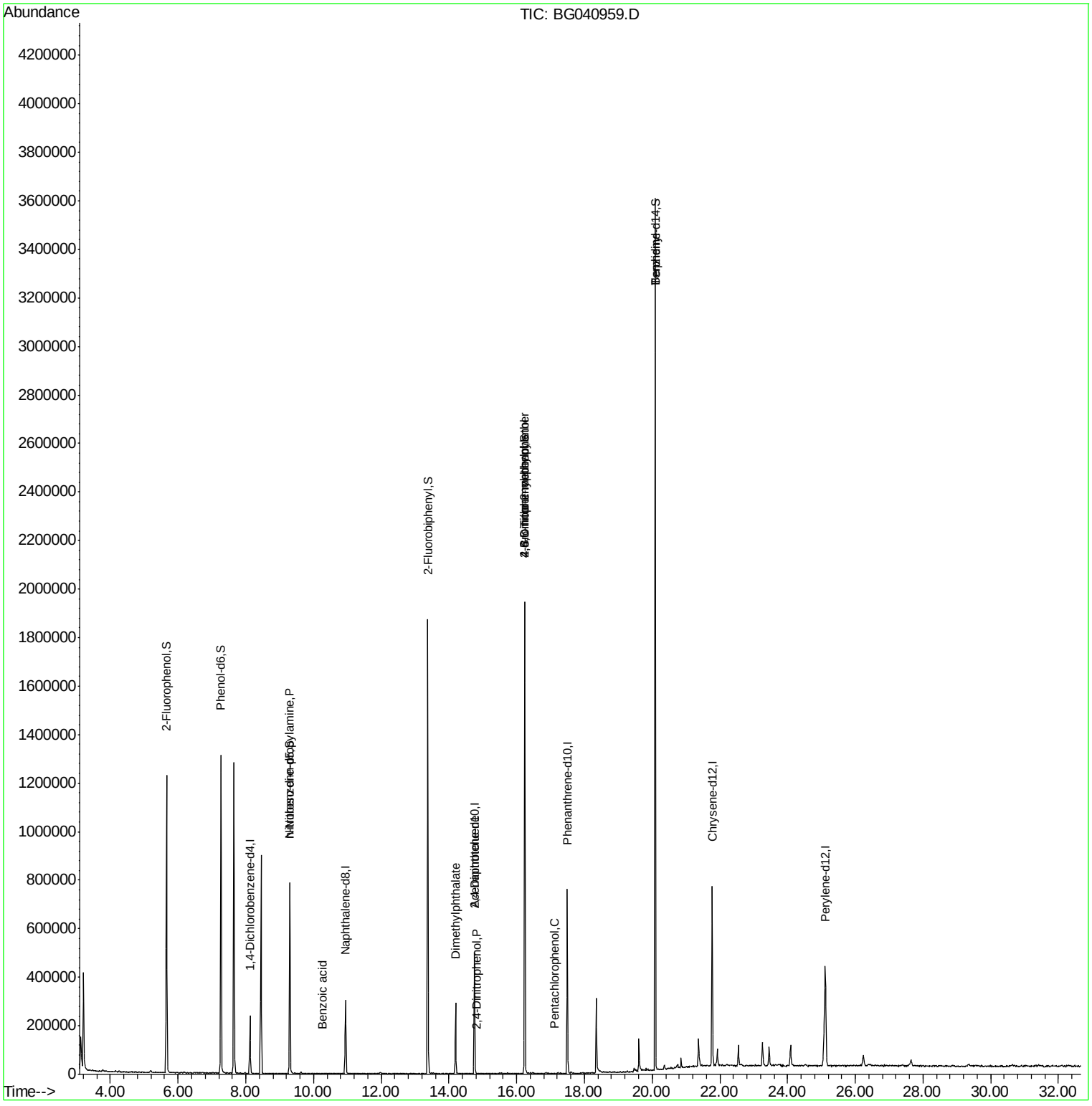
(#) = qualifier out of range (m) = manual integration (+) = signals summed

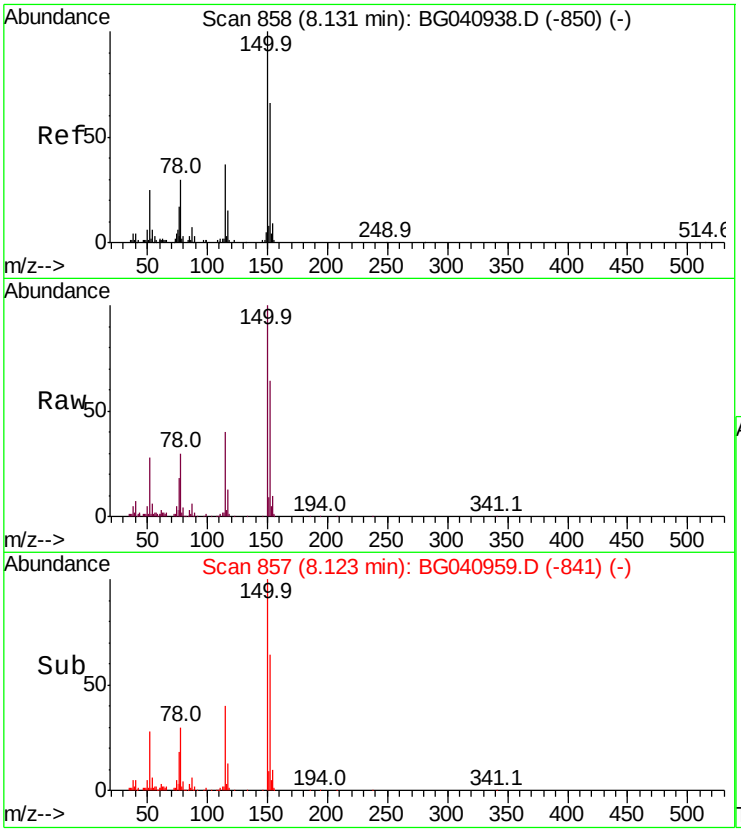
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040959.D
Acq On : 30 May 2019 20:49
Operator : HP/JU
Sample : K3084-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 31 04:04:07 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



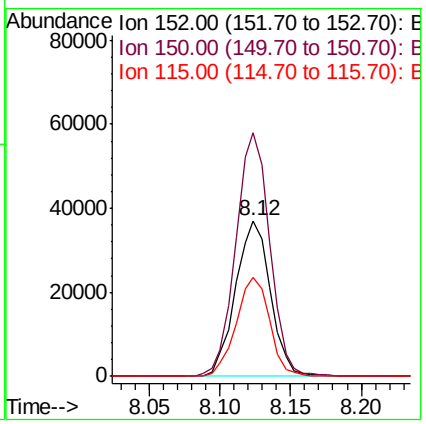


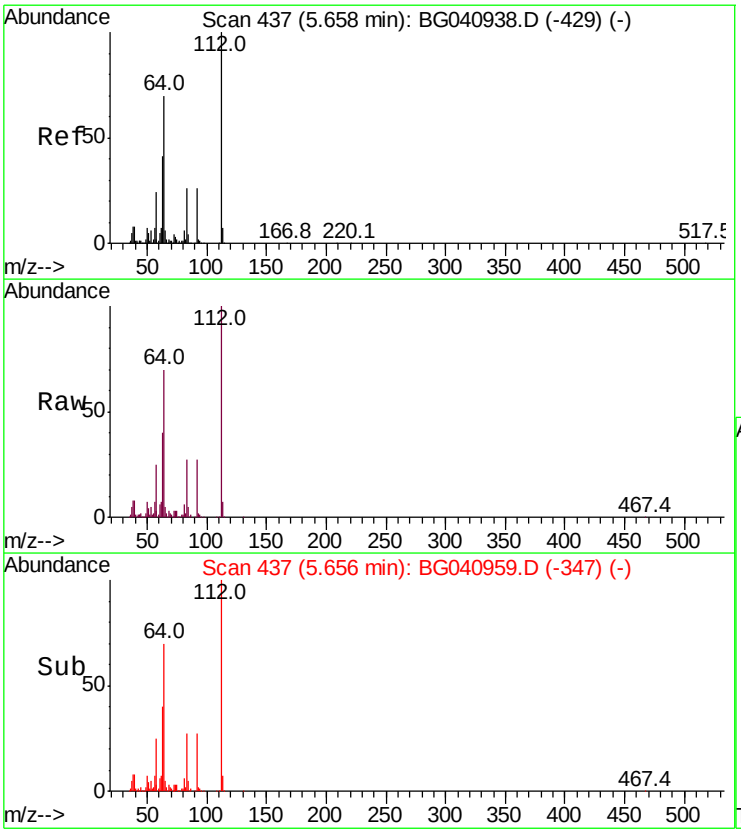
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 63778

Ion	Ratio	Lower	Upper
152	100		
150	156.2	120.6	180.8
115	63.2	45.1	67.7

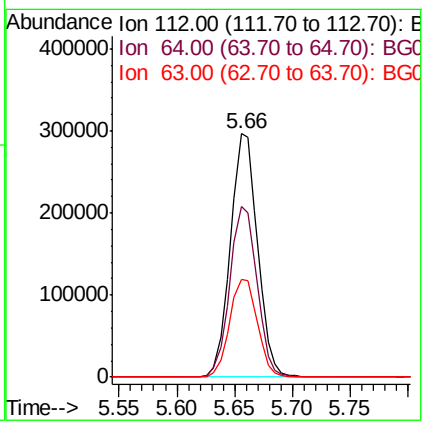


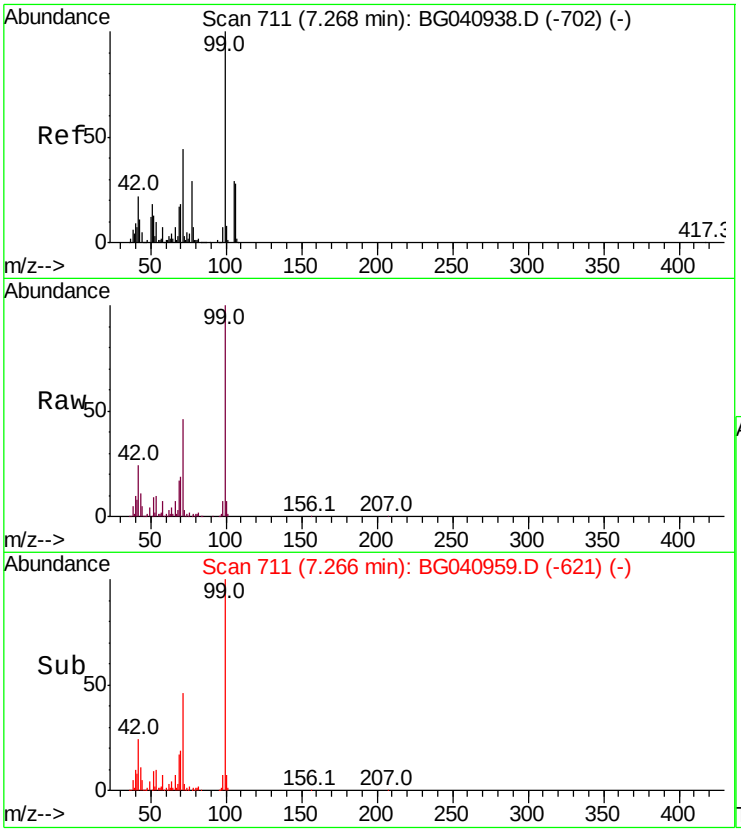


#5
2-Fluorophenol
Concen: 136.487 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:112 Resp: 482744

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.2	84.2
63	40.2	32.8	49.2



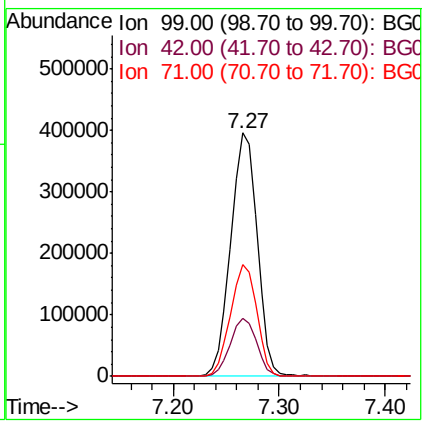


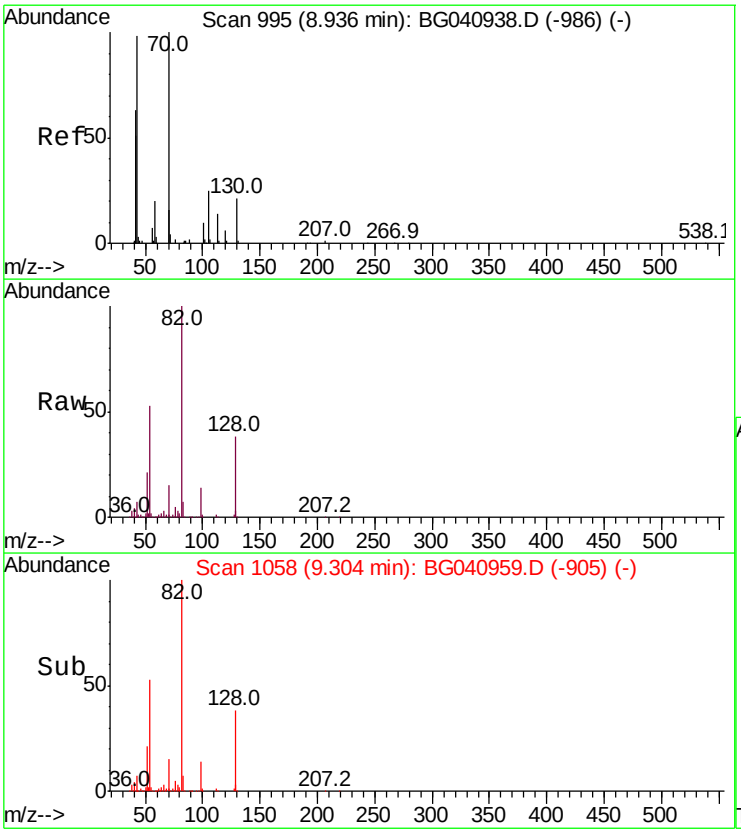
#7
Phenol-d6
Concen: 125.528 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 685685

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.9	26.9
71	45.9	35.4	53.0

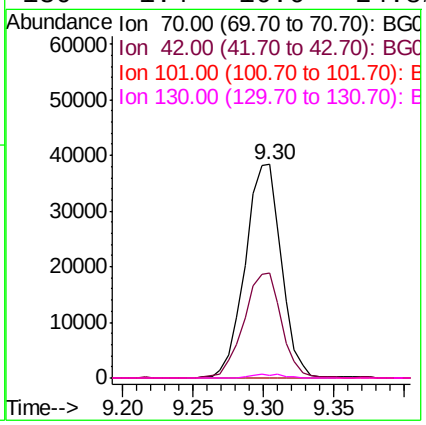


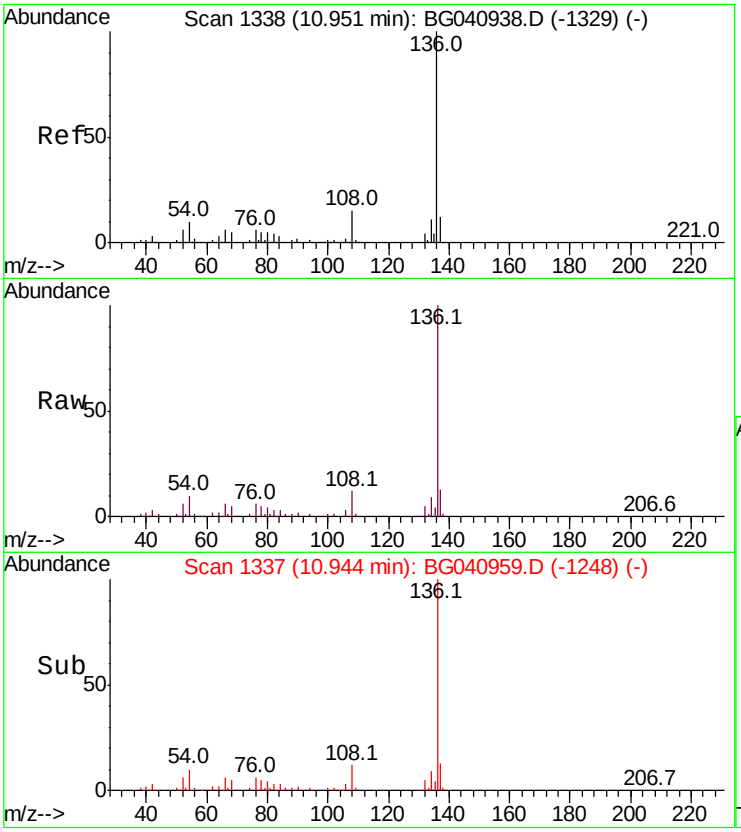


#19
n-Nitroso-di-n-propylamine
Concen: 16.462 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.37 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion: 70 Resp: 69199

Ion	Ratio	Lower	Upper
70	100		
42	49.4	51.5	77.3#
101	0.0	8.1	12.1#
130	1.4	16.6	24.8#



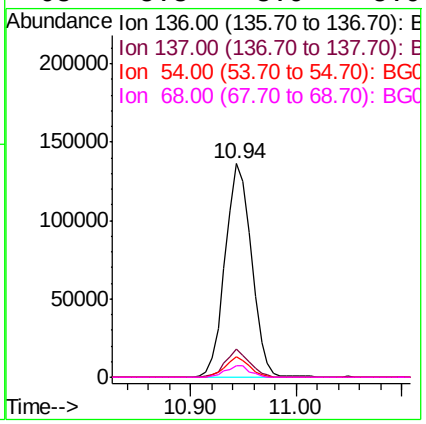


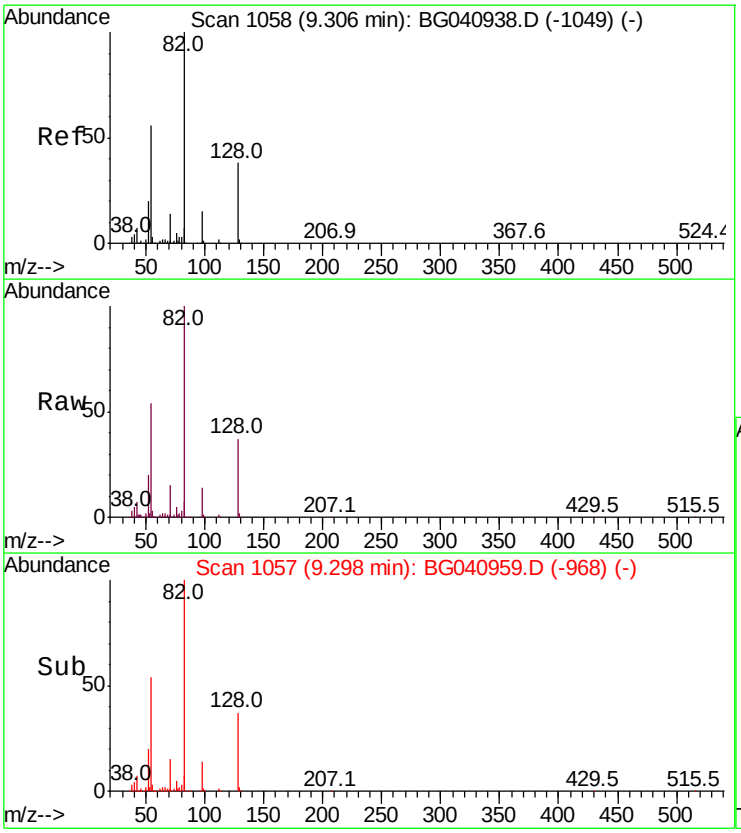
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 235174

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	10.1	7.6	11.4
68	5.3	3.9	5.9

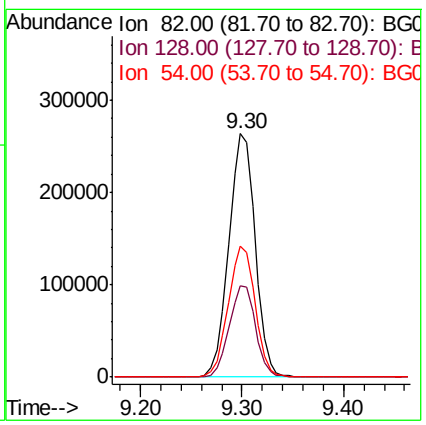


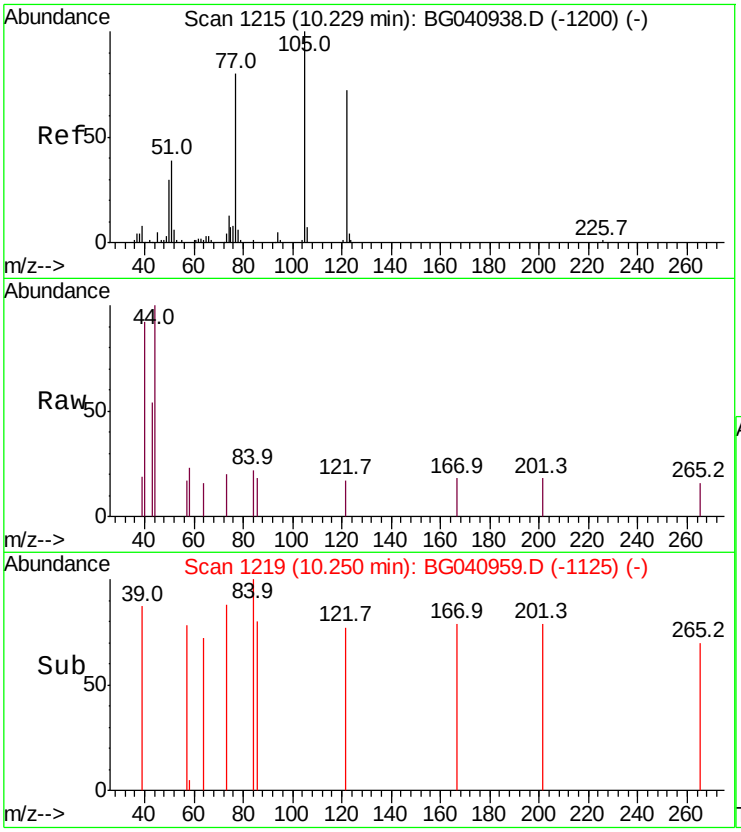


#23
Nitrobenzene-d5
Concen: 89.744 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion: 82 Resp: 475417

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	54.0	44.6	66.8



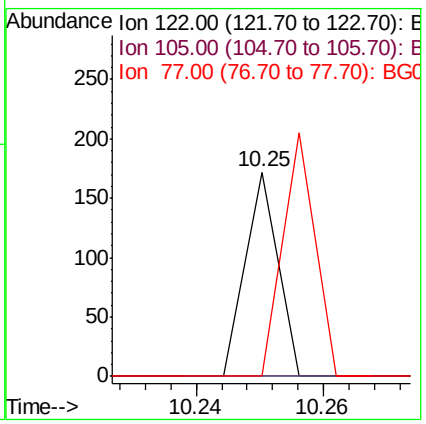


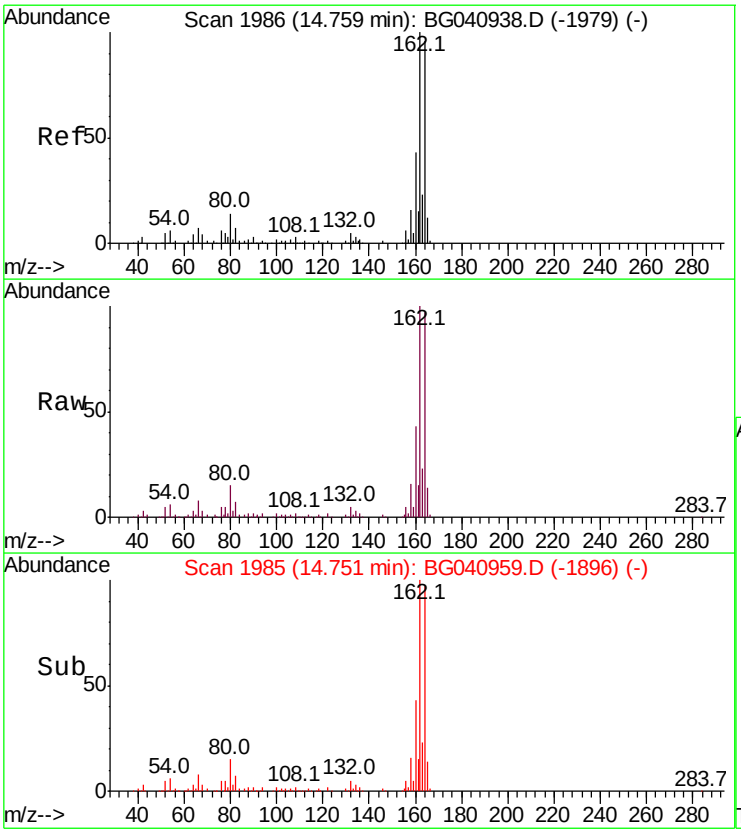
#32
Benzoic acid
Concen: 8.148 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.02 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 61

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

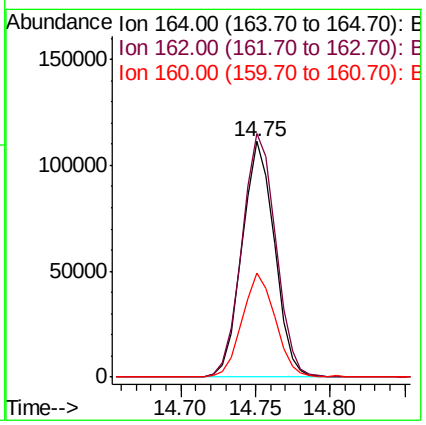


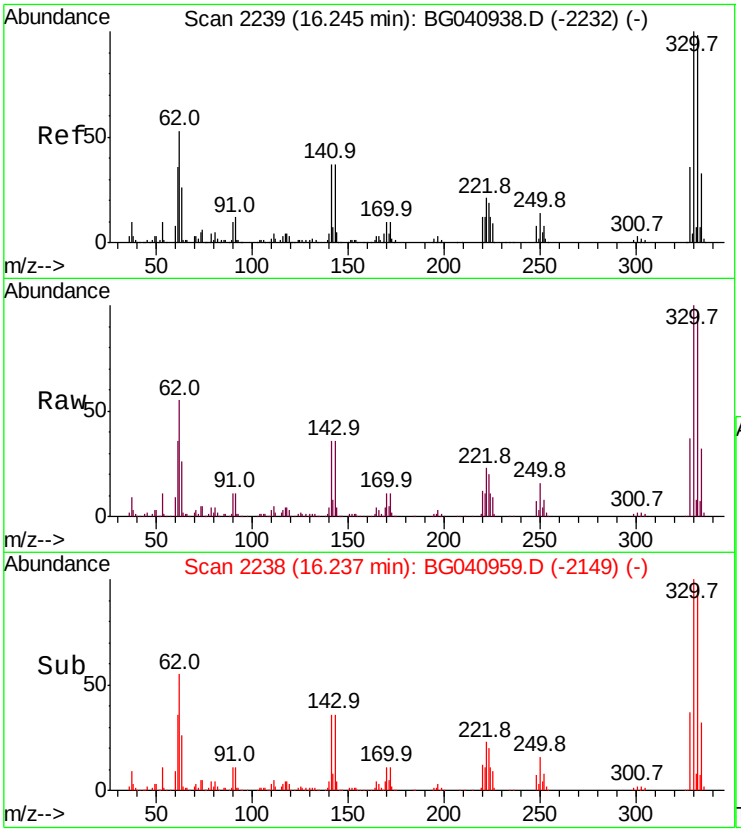


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:164 Resp: 166884

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.4
160	44.3	35.6	53.4



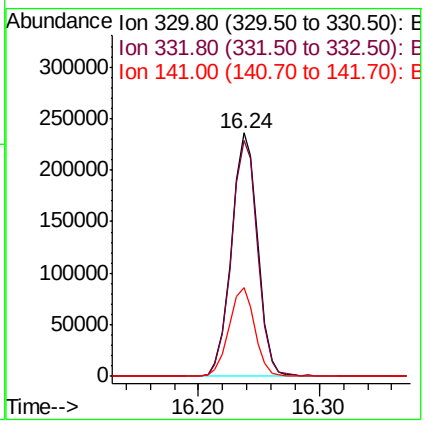


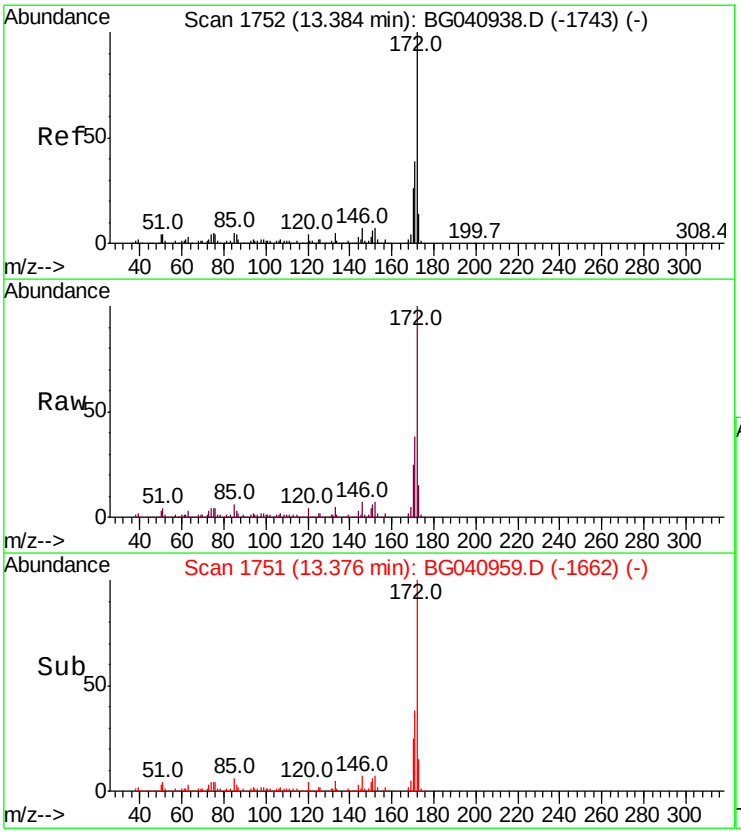
#42
2,4,6-Tribromophenol
Concen: 143.566 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 355685

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.5	117.7
141	36.0	28.7	43.1

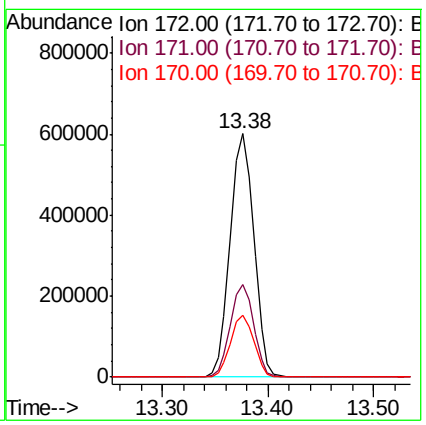


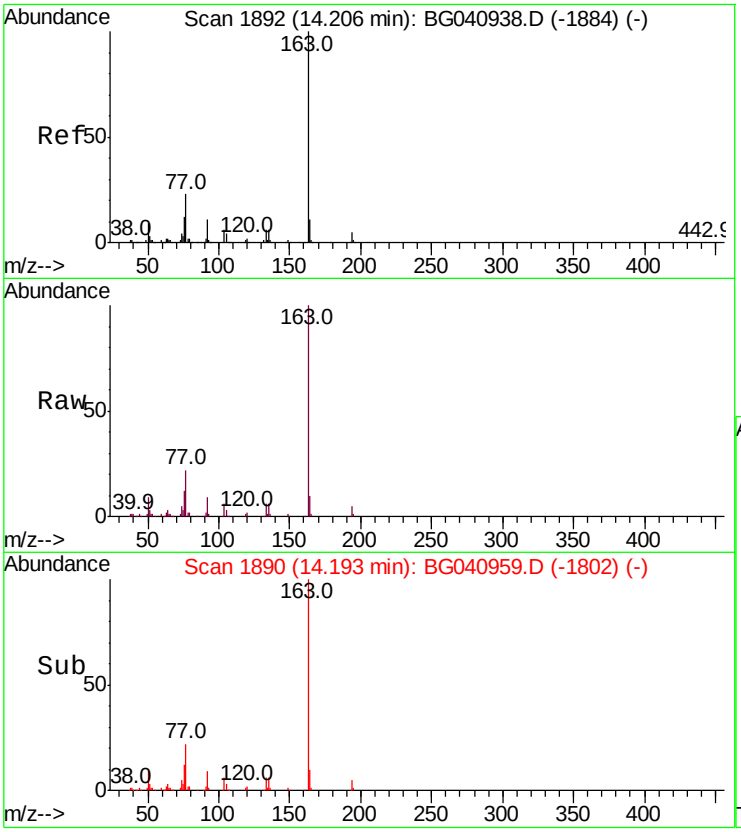


#45
2-Fluorobiphenyl
Concen: 80.513 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:172 Resp: 933013

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.1	46.7
170	25.3	20.5	30.7



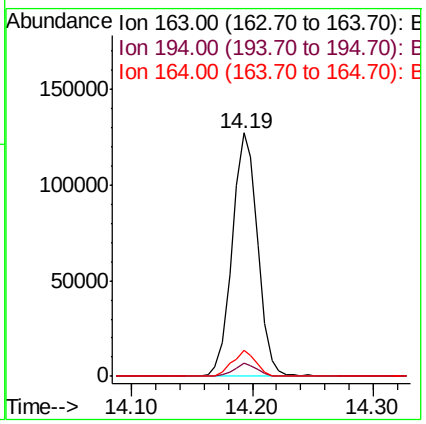


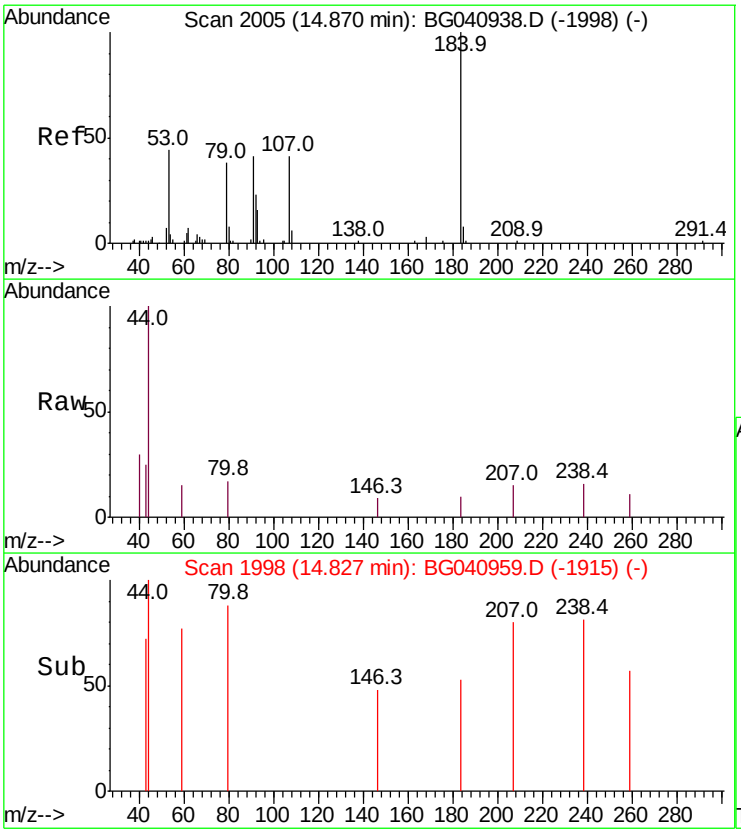
#50
Dimethylphthalate
Concen: 13.236 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 186976

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.8	5.8
164	10.4	8.7	13.1

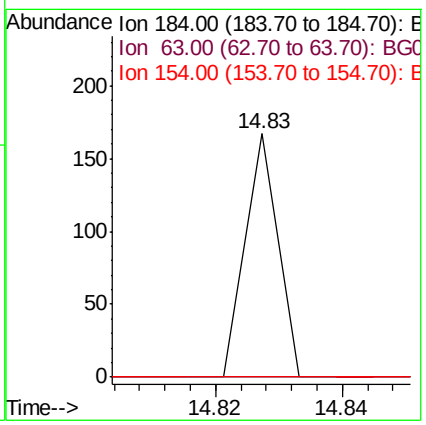


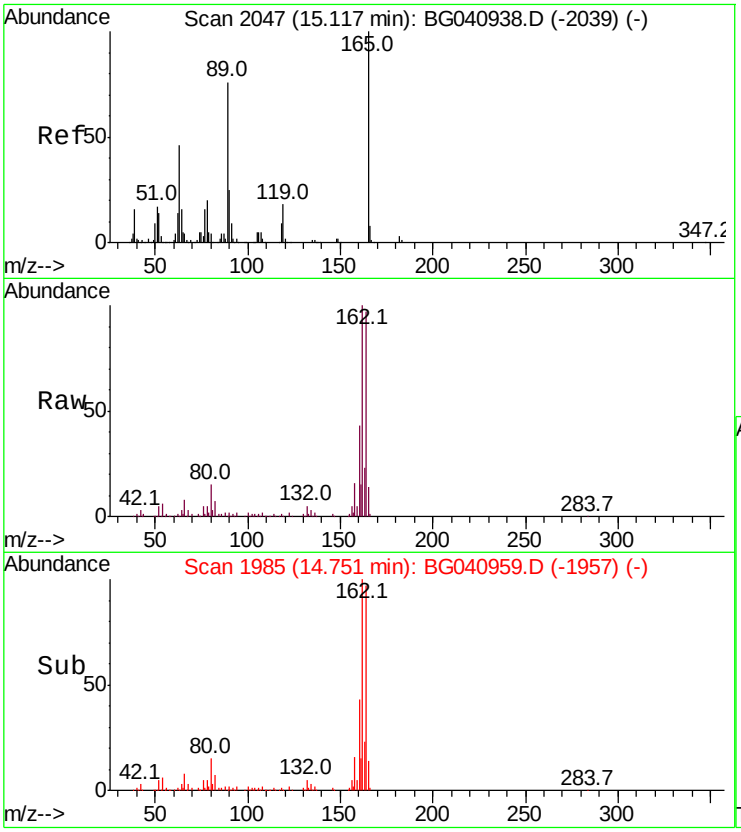


#54
2,4-Dinitrophenol
Concen: 8.297 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:184 Resp: 59

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



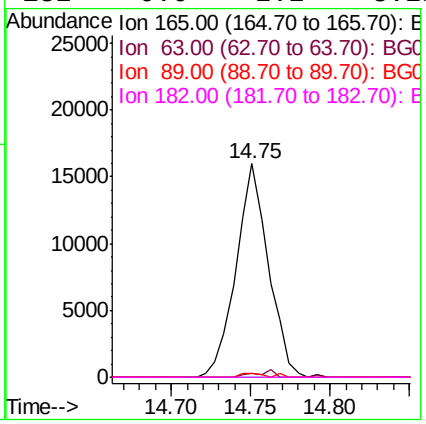


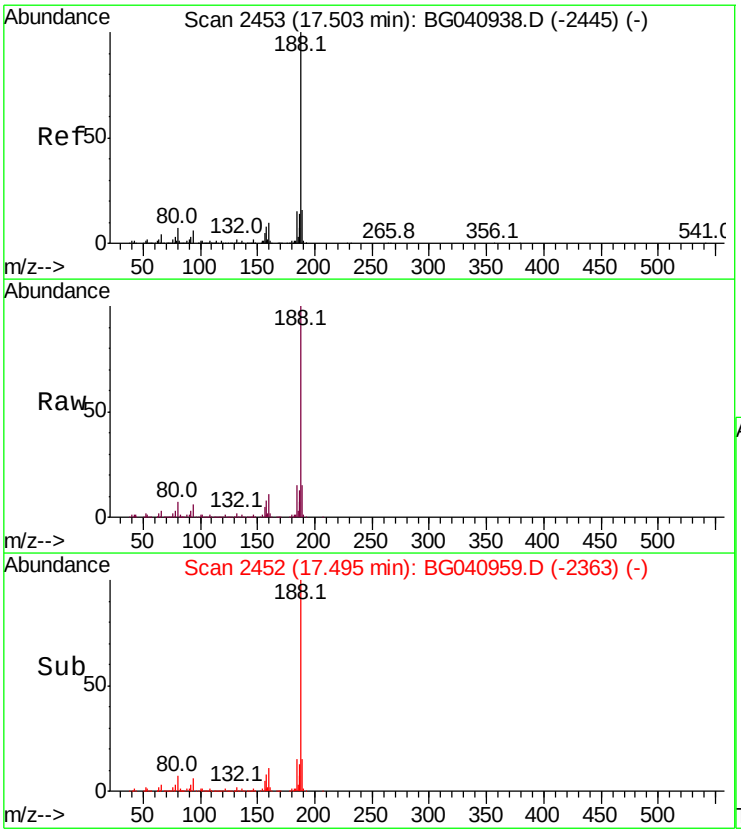
#57
2,4-Dinitrotoluene
Concen: 5.264 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.37 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22648

Ion	Ratio	Lower	Upper
165	100		
63	1.9	37.3	55.9#
89	1.8	61.0	91.6#
182	0.0	2.2	3.2#

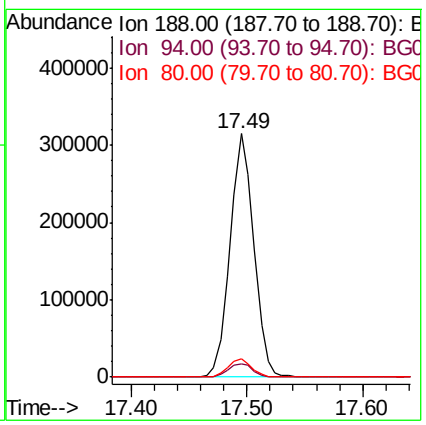


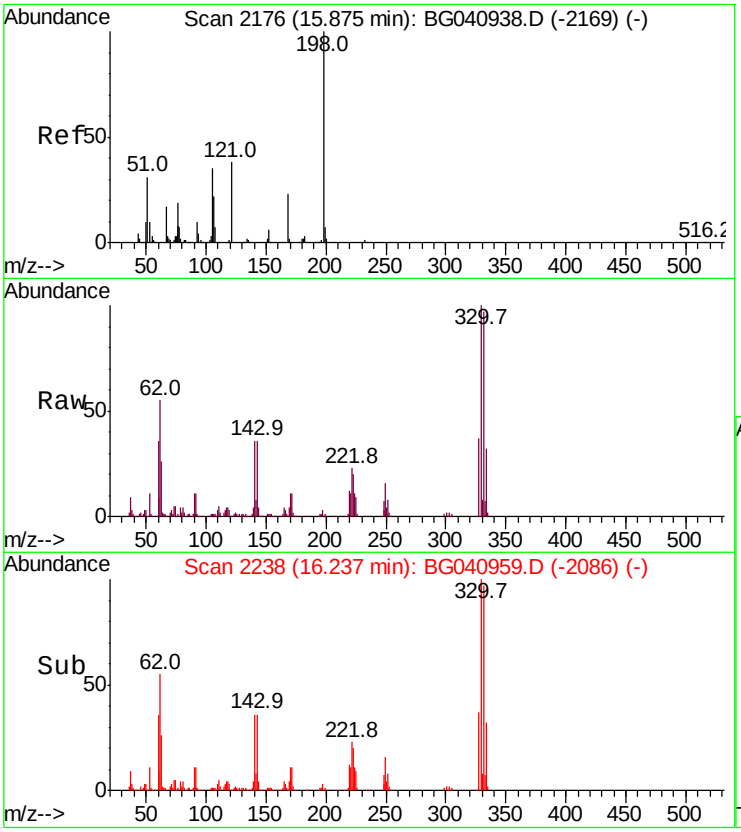


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:188 Resp: 448349

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.7	7.1
80	7.3	5.8	8.8



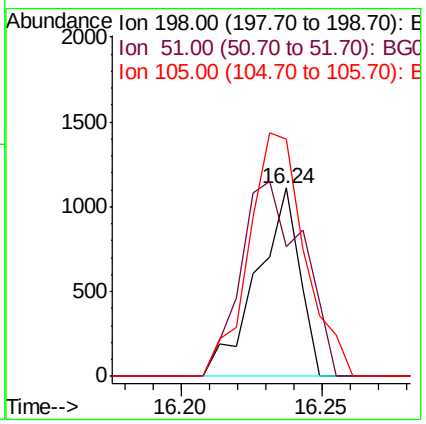


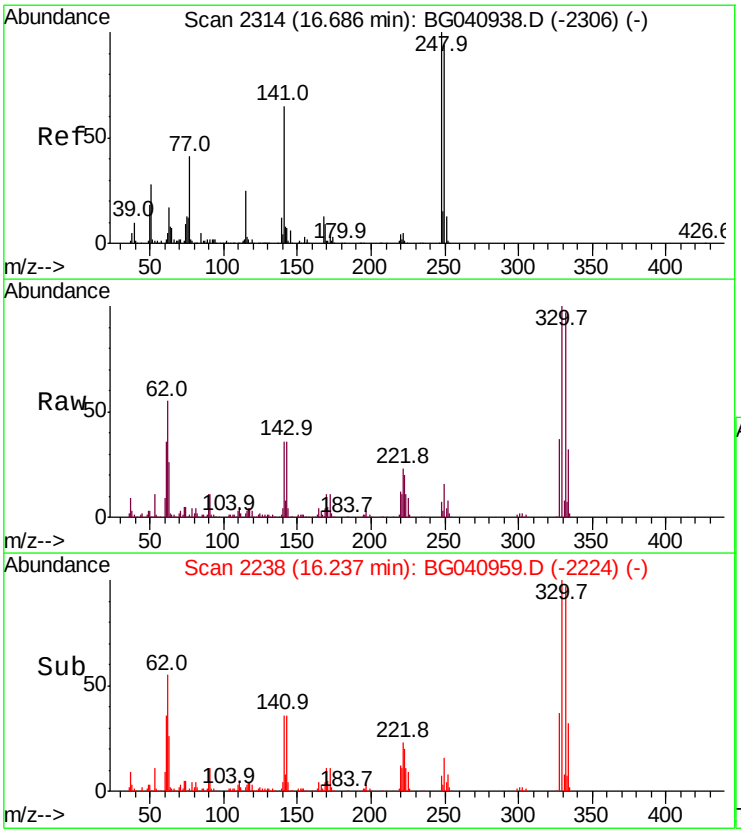
#65
4,6-Dinitro-2-methylphenol
Concen: 8.987 ng
RT: 16.24 min Scan# 2238
Delta R.T. 0.36 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1164

Ion	Ratio	Lower	Upper
198	100		
51	69.0	21.6	61.6#
105	126.1	17.5	57.5#

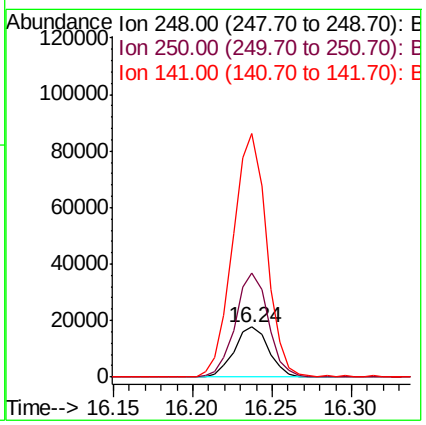


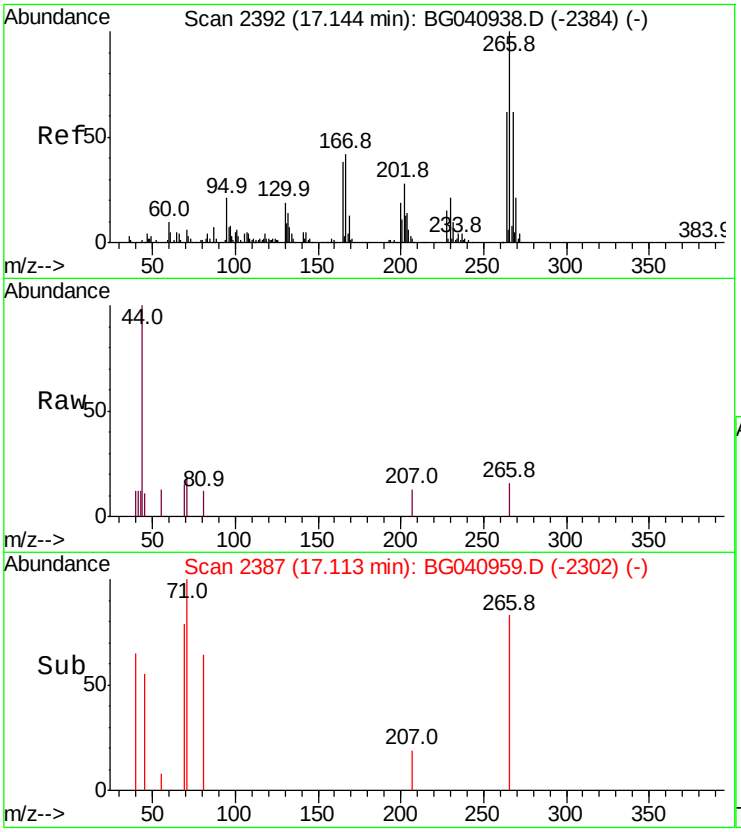


#67
4-Bromophenyl-phenylether
Concen: 4.452 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.45 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:248 Resp: 26940

Ion	Ratio	Lower	Upper
248	100		
250	208.1	75.0	112.4#
141	489.0	52.4	78.6#



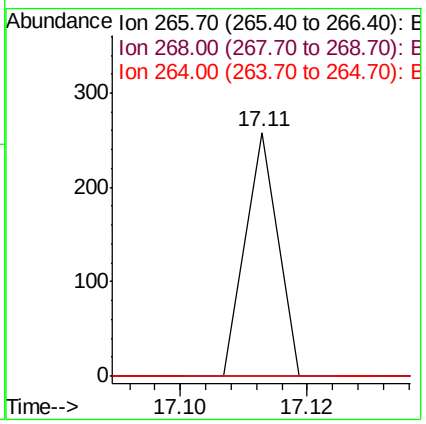


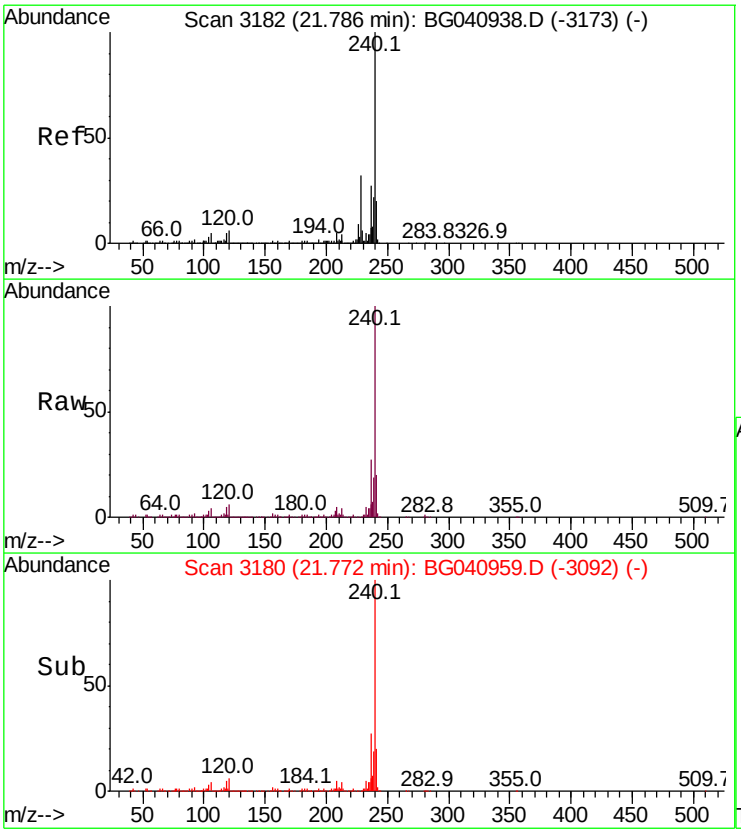
#70
Pentachlorophenol
Concen: 4.281 ng
RT: 17.11 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 91

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

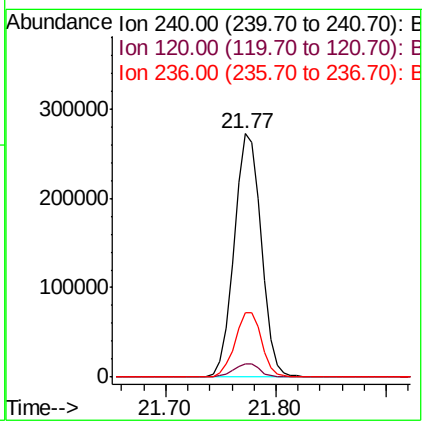


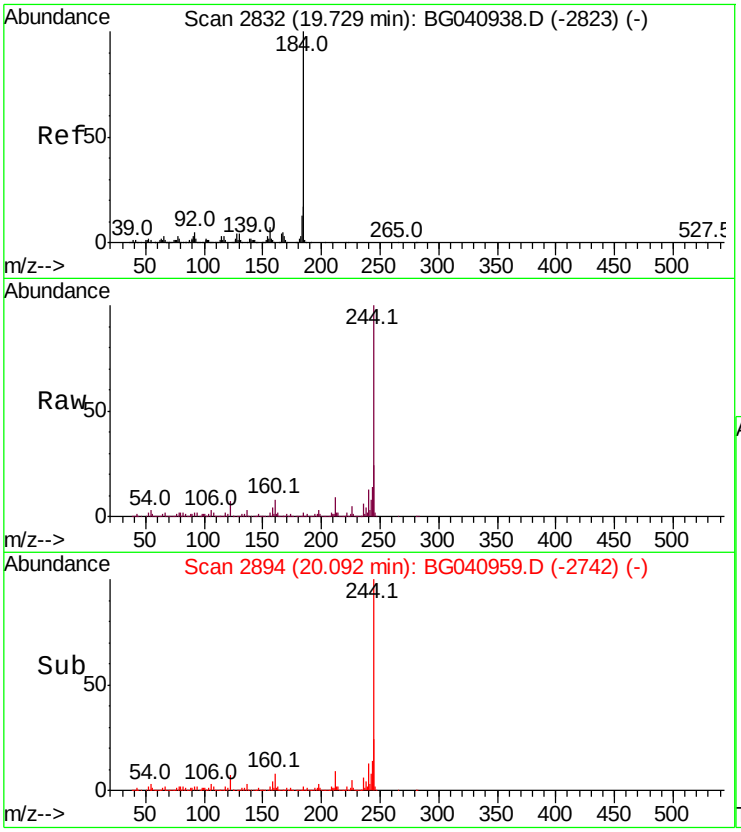


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:240 Resp: 469904

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.5	6.7
236	26.6	21.3	31.9



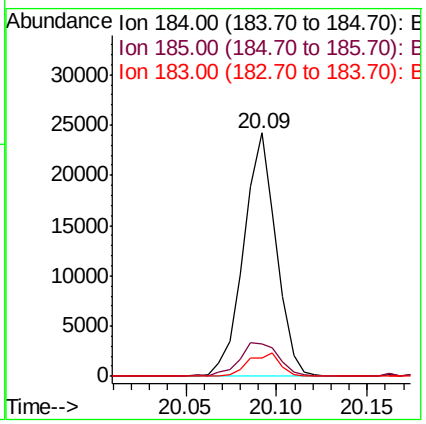


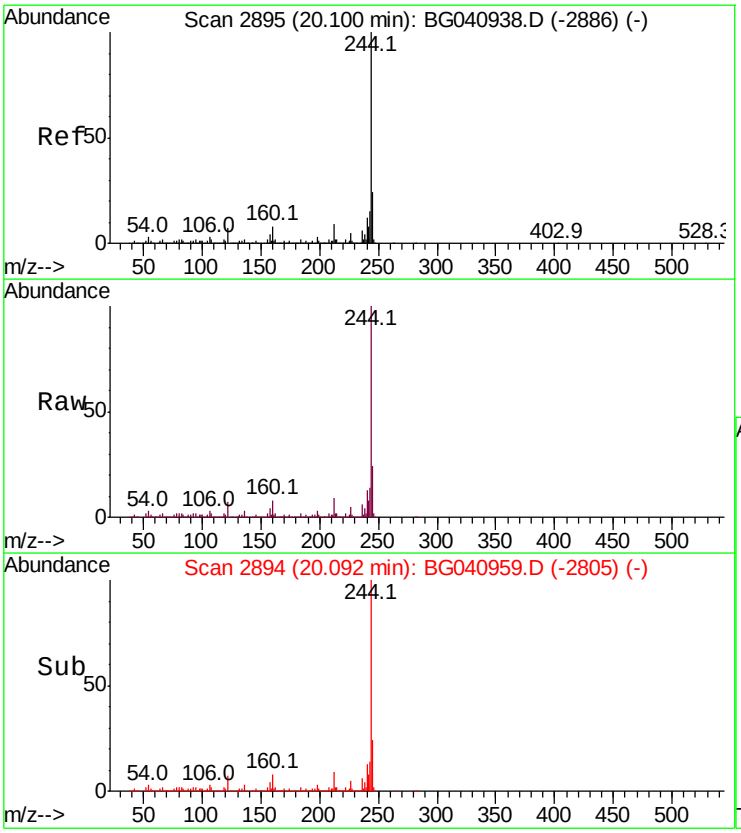
#77
Benzidine
Concen: 2.669 ng
RT: 20.09 min Scan# 2894
Delta R.T. 0.36 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 29922

Ion	Ratio	Lower	Upper
184	100		
185	13.3	13.3	19.9#
183	7.7	10.7	16.1#

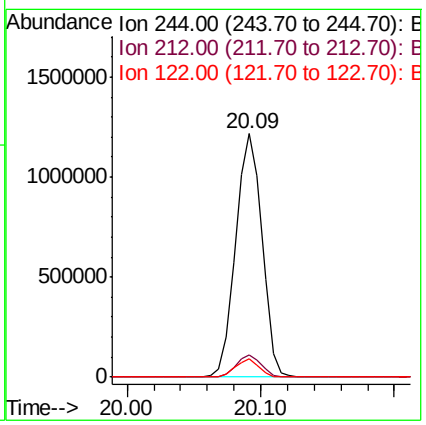


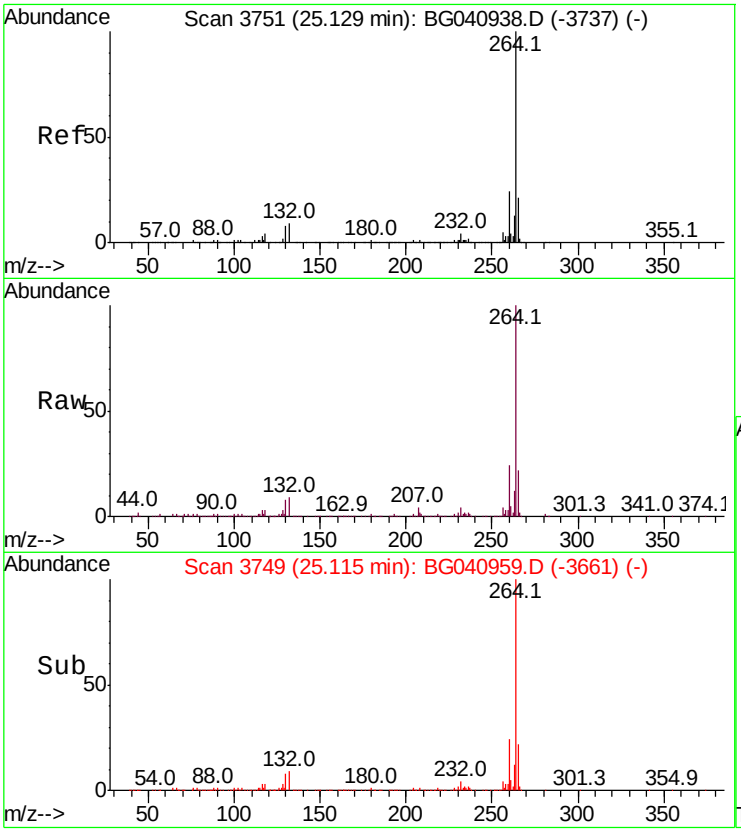


#79
Terphenyl-d14
Concen: 74.822 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG040959.D
Acq: 30 May 2019 20:49

Tgt Ion:244 Resp: 1656608

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.4	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: BG040959.D
Acq: 30 May 2019 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 490028

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.5	17.0	25.4