Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040972.D
Acq On : 31 May 2019 5:03
Operator : HP/JU
Sample : K2642-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 31 06:32:42 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	63171	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	237861	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	175552	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	450963	20.00	ng	0.00
76) Chrysene-d12	21.78	240	460299	20.00	ng	-0.01
87) Perylene-d12	25.11	264	476156	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	439618	125.49	ng	0.00
7) Phenol-d6	7.27	99	560546	103.61	ng	0.00
23) Nitrobenzene-d5	9.30	82	503596	93.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	363206	139.36	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1117706	91.69	ng	-0.01
79) Terphenyl-d14	20.09	244	1983726	91.47	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	12015	7.558	ng	# 1
19) n-Nitroso-di-n-propylamine	9.30	70	73353	17.618	ng	# 72
32) Benzoic acid	10.53	122	62	8.148	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	22977	7.171	ng	# 18
57) 2,4-Dinitrotoluene	14.75	165	22977	5.077	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.23	198	1541	9.113	ng	# 25
67) 4-Bromophenyl-phenylether	16.23	248	26981	4.433	ng	# 1
70) Pentachlorophenol	16.87	266	101	4.283	ng	# 18
77) Benzidine	20.10	184	35759	3.257	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040972.D
Acq On : 31 May 2019 5:03
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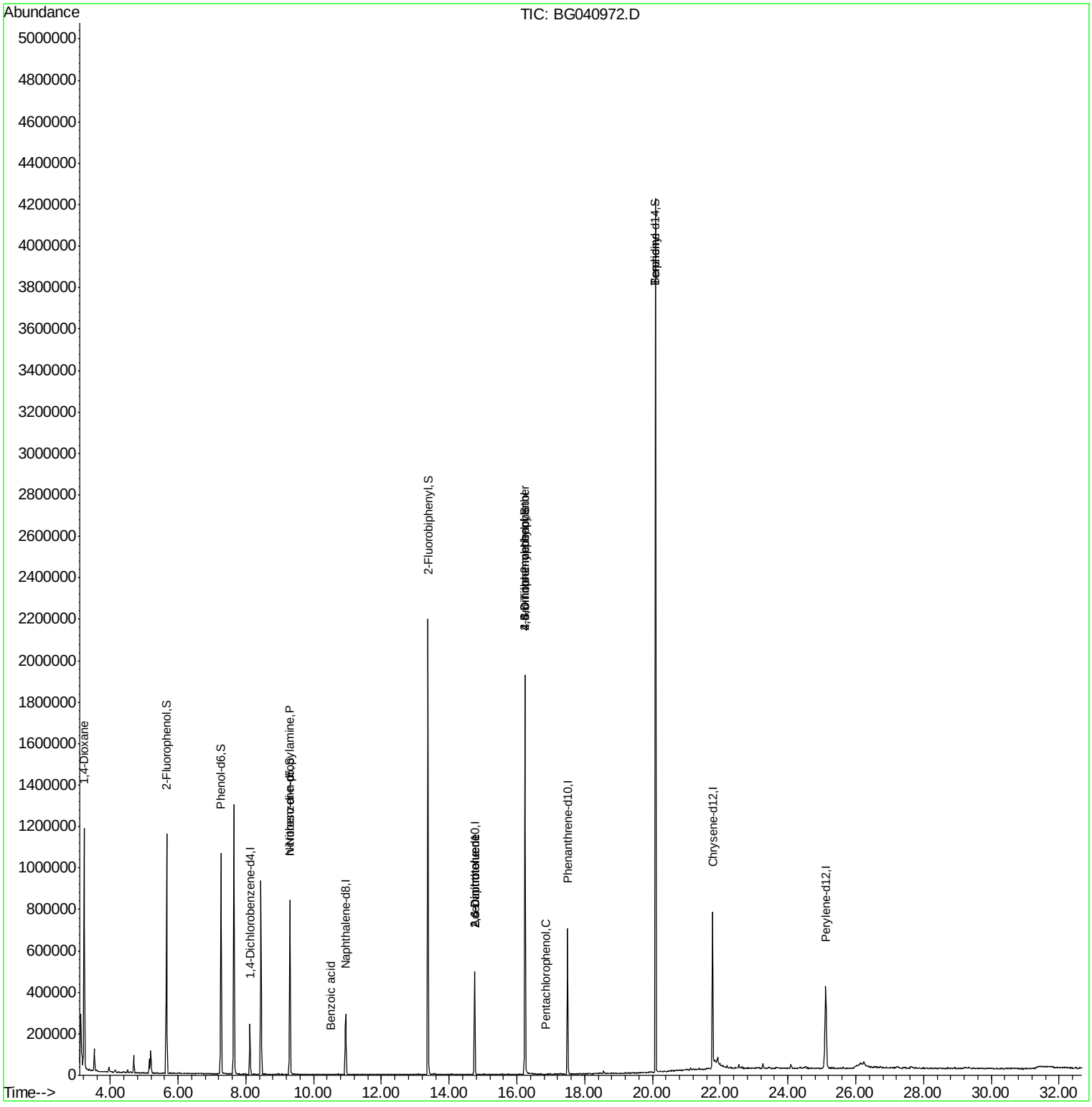
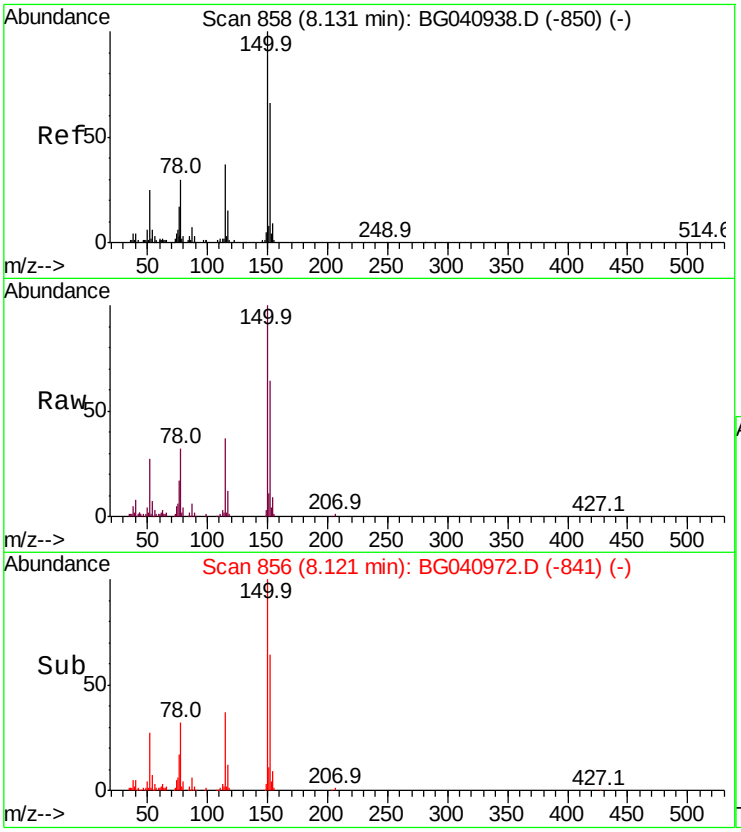
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 31 06:32:42 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



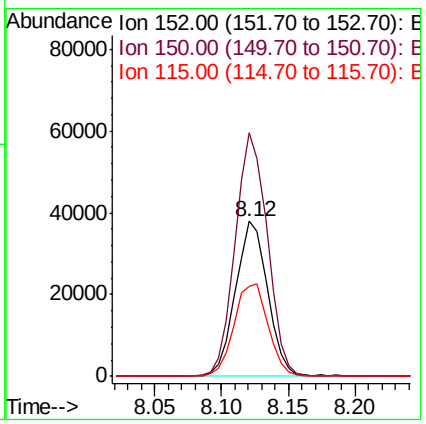


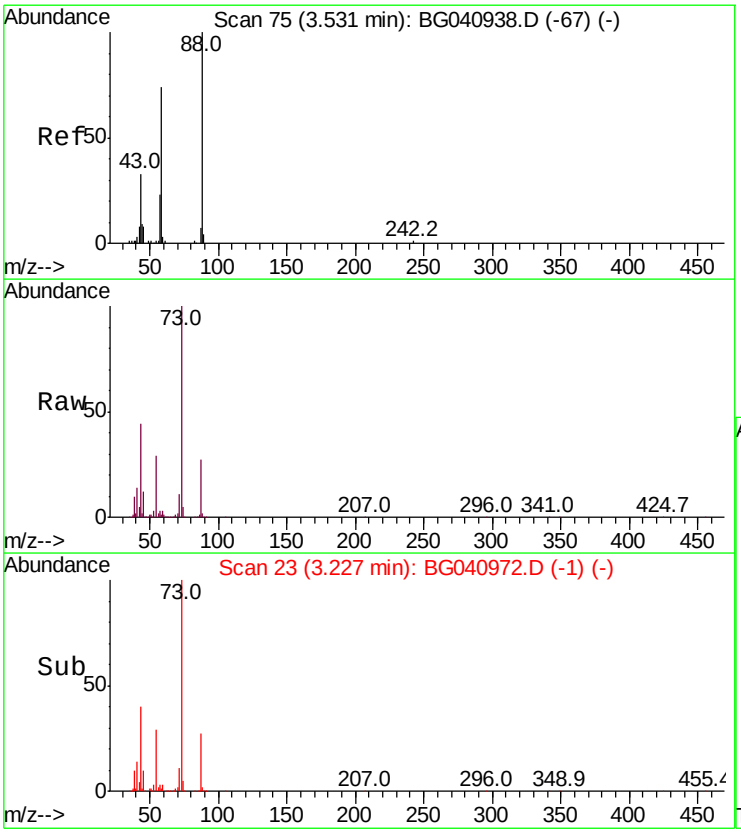
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 63171

Ion	Ratio	Lower	Upper
152	100		
150	157.0	120.6	180.8
115	58.4	45.1	67.7

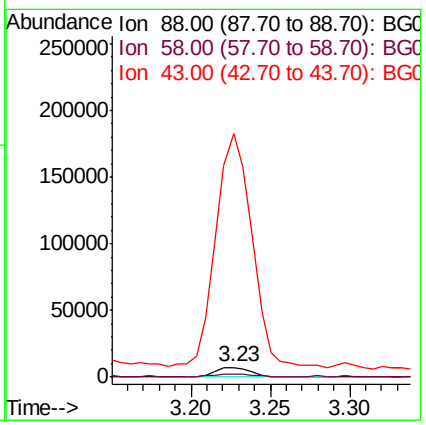


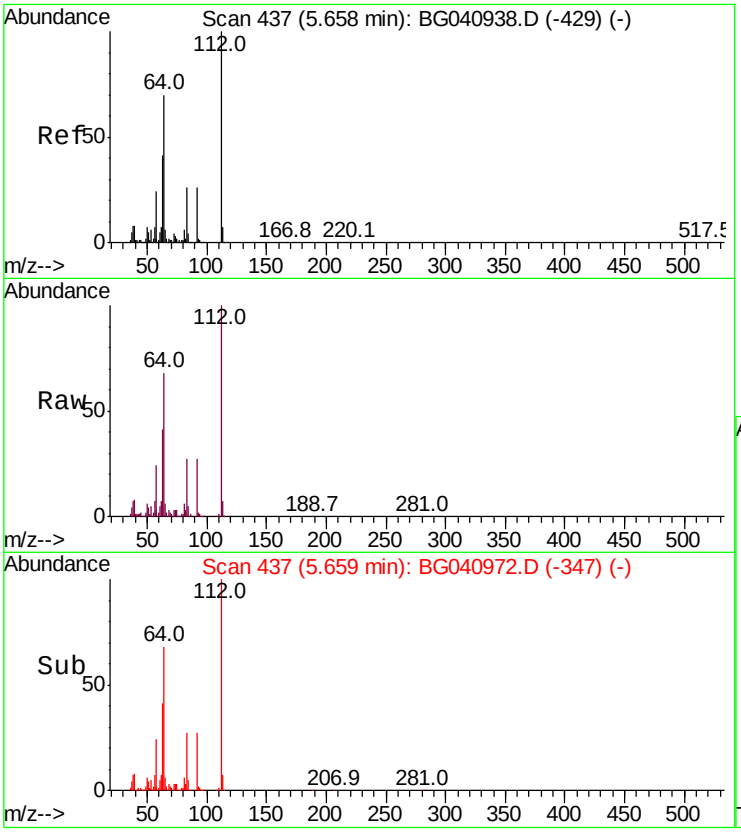


#2
1,4-Dioxane
Concen: 7.558 ng
RT: 3.23 min Scan# 23
Delta R.T. -0.30 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion: 88 Resp: 12015

Ion	Ratio	Lower	Upper
88	100		
58	28.1	59.0	88.6#
43	2305.0	27.2	40.8#



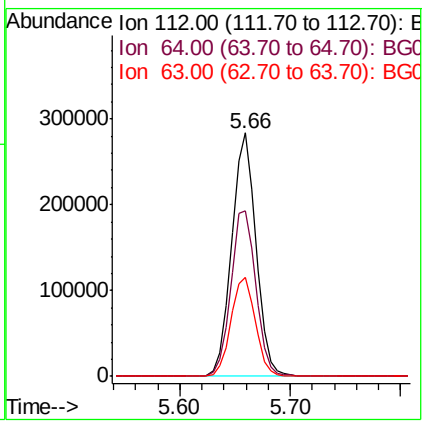


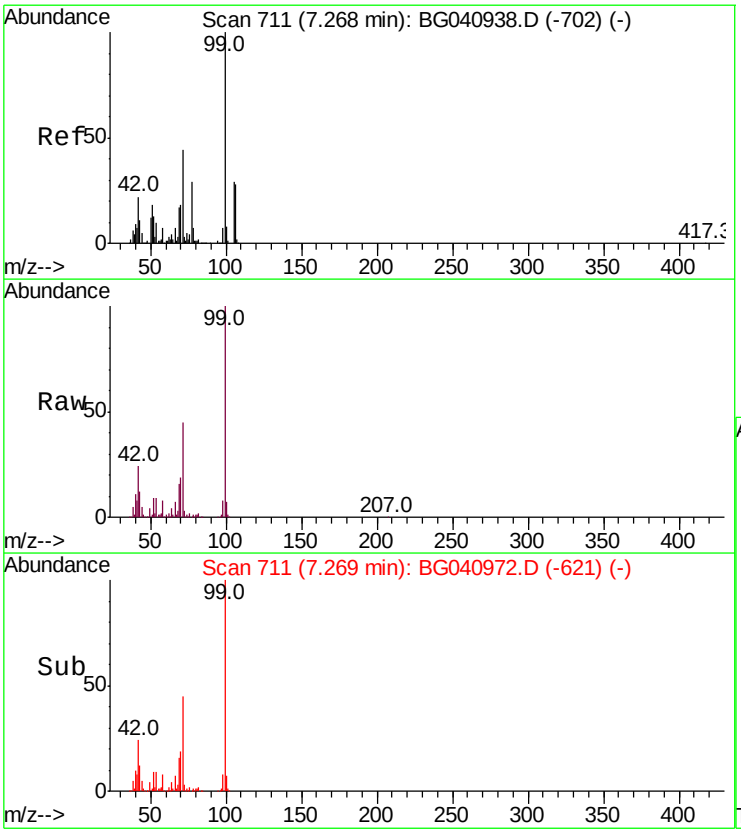
#5
2-Fluorophenol
Concen: 125.489 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 439618

Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.2	84.2
63	40.6	32.8	49.2

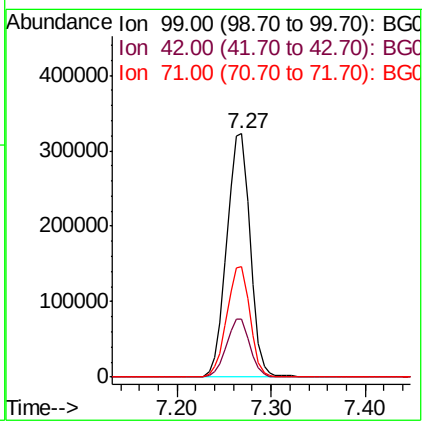


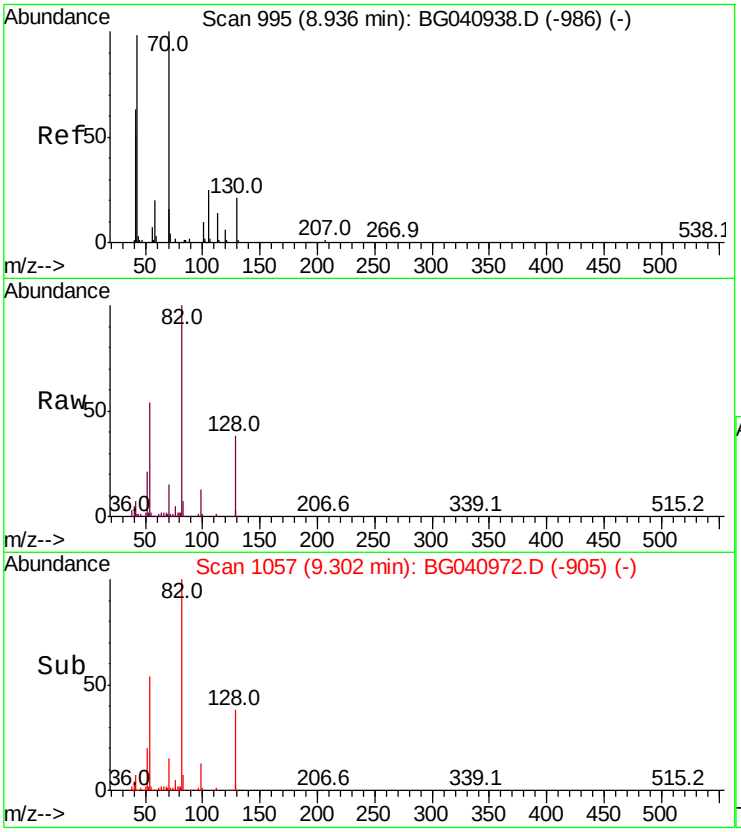


#7
Phenol-d6
Concen: 103.605 ng
RT: 7.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion: 99 Resp: 560546

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.9	26.9
71	45.4	35.4	53.0



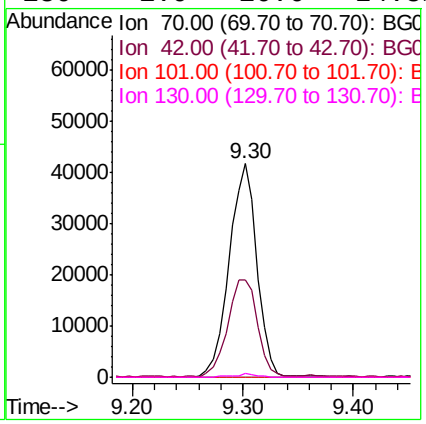


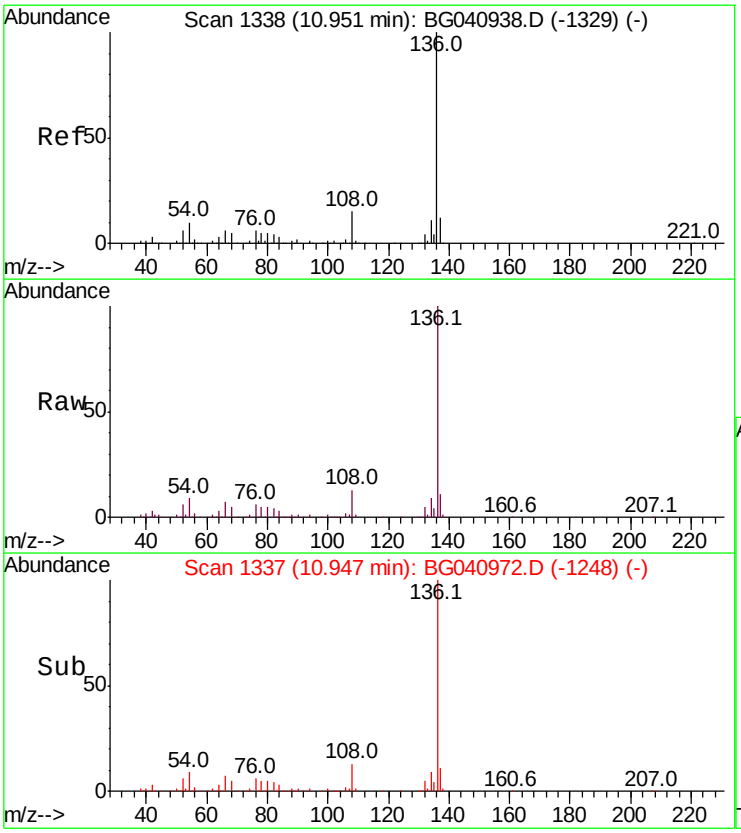
#19
n-Nitroso-di-n-propylamine
Concen: 17.618 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.37 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 73353

Ion	Ratio	Lower	Upper
70	100		
42	45.5	51.5	77.3#
101	0.0	8.1	12.1#
130	1.9	16.6	24.8#

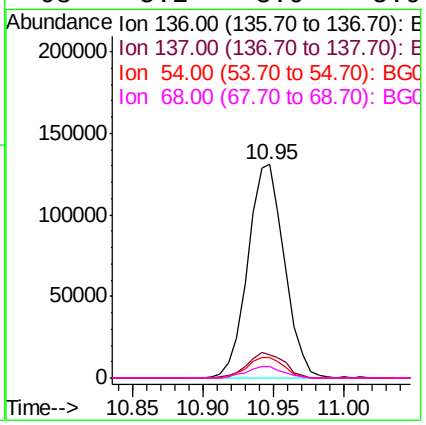


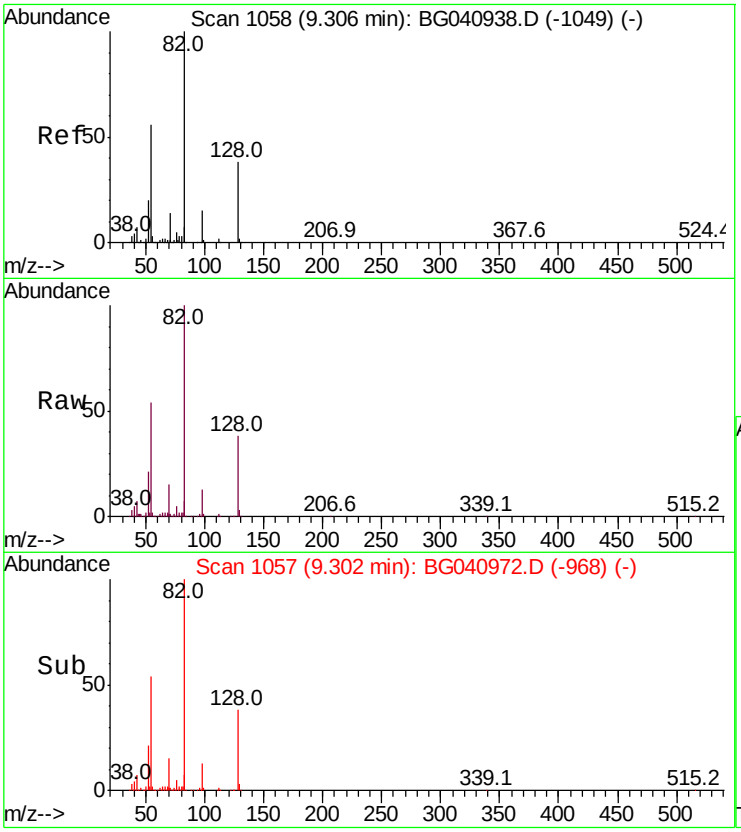


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:136 Resp: 237861

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	9.4	7.6	11.4
68	5.2	3.9	5.9



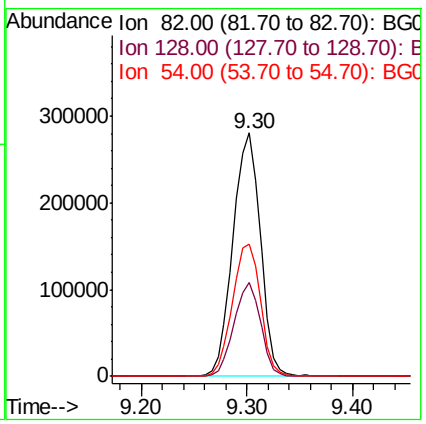


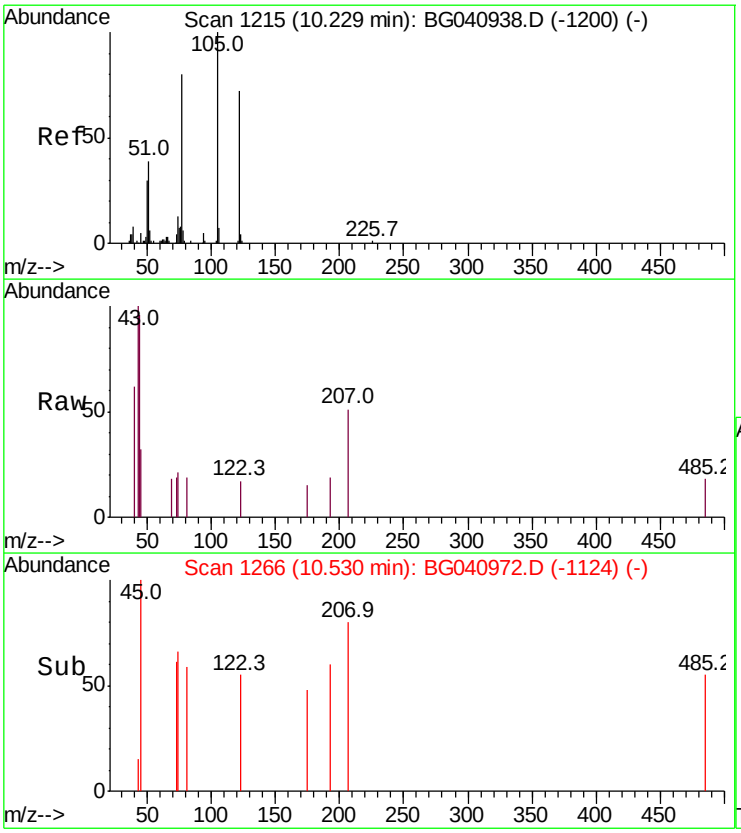
#23
Nitrobenzene-d5
Concen: 93.990 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 503596

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.5	45.7
54	54.2	44.6	66.8

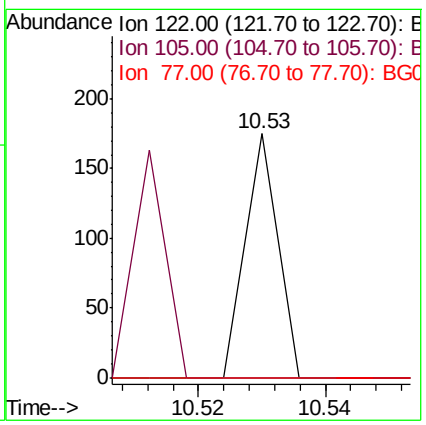


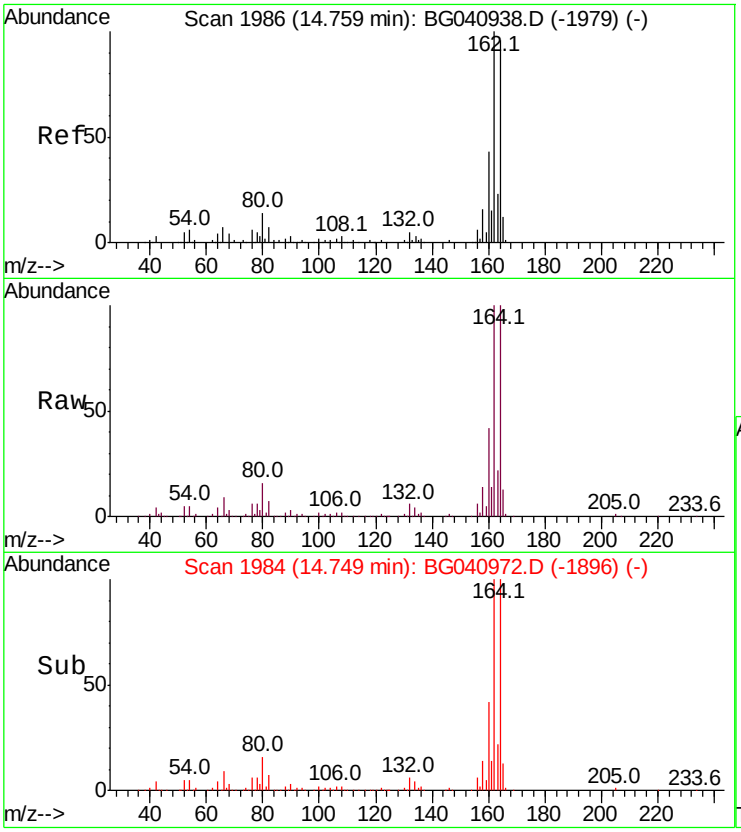


#32
Benzoic acid
Concen: 8.148 ng
RT: 10.53 min Scan# 1266
Delta R.T. 0.30 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:122 Resp: 62

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



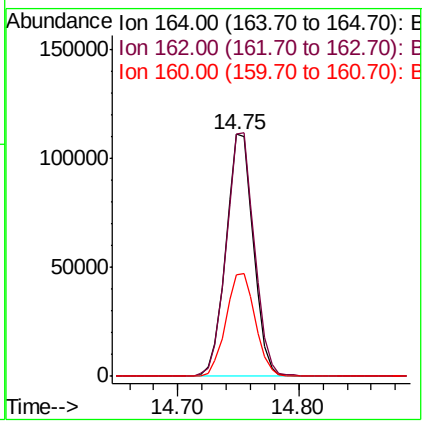


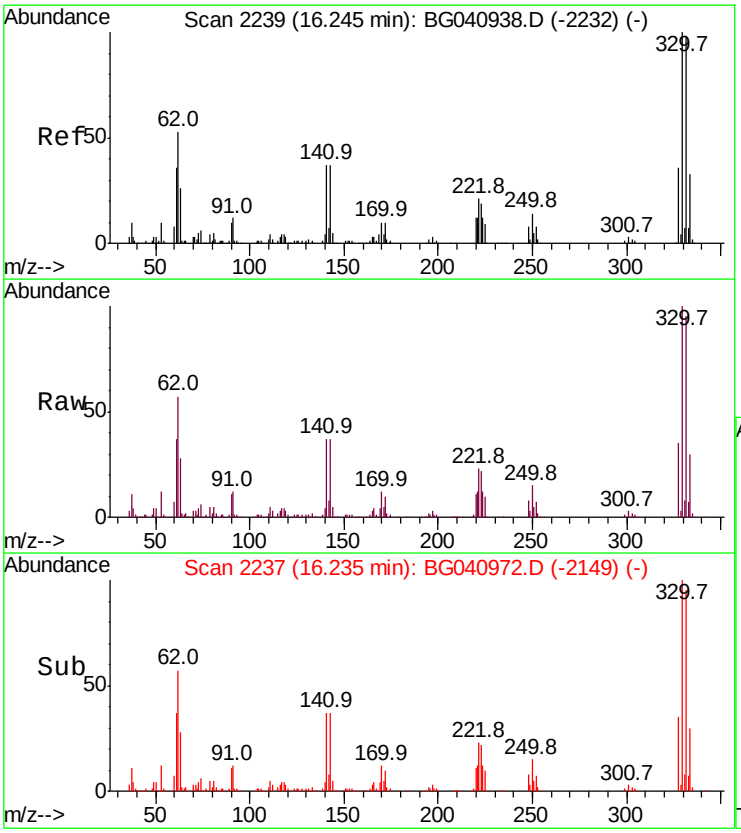
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 175552

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.0	124.4
160	41.9	35.6	53.4

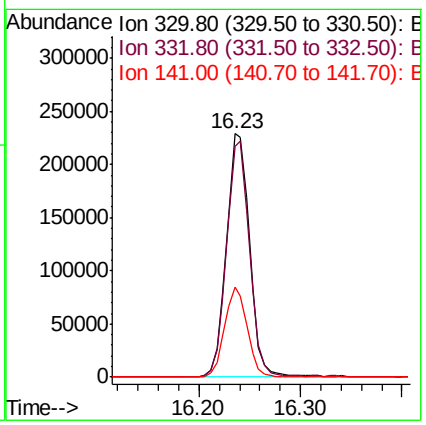


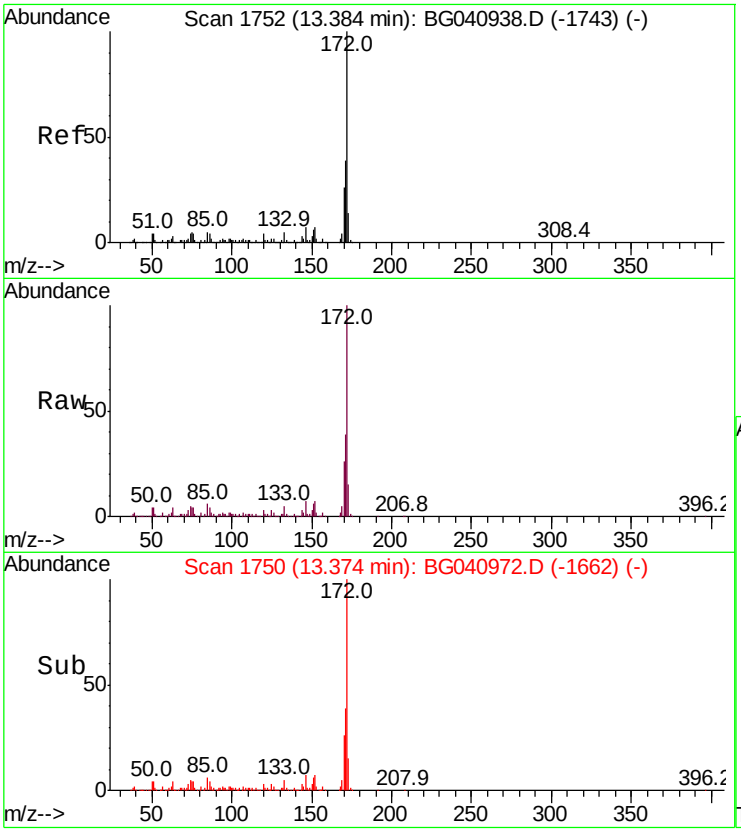


#42
2,4,6-Tribromophenol
Concen: 139.363 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:330 Resp: 363206

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.5	117.7
141	36.4	28.7	43.1



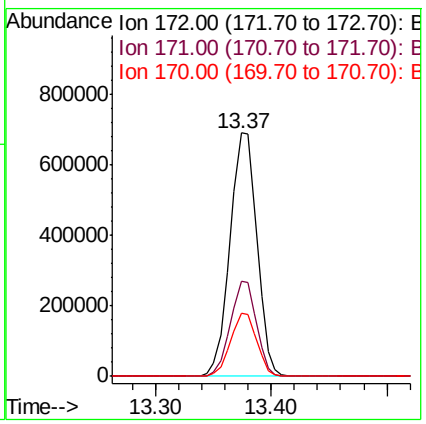


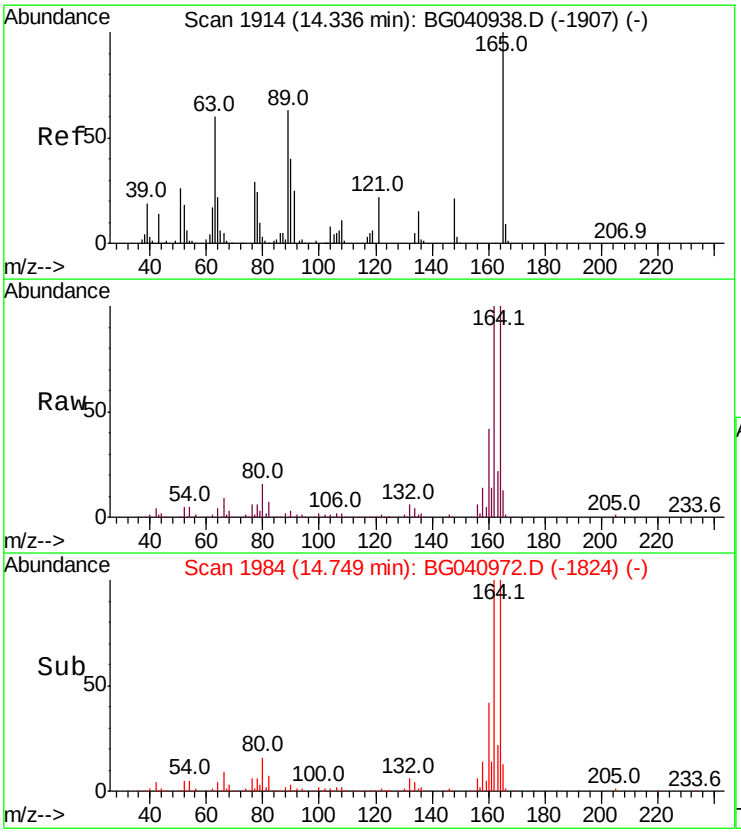
#45
2-Fluorobiphenyl
Concen: 91.689 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1117706

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.1	46.7
170	25.9	20.5	30.7

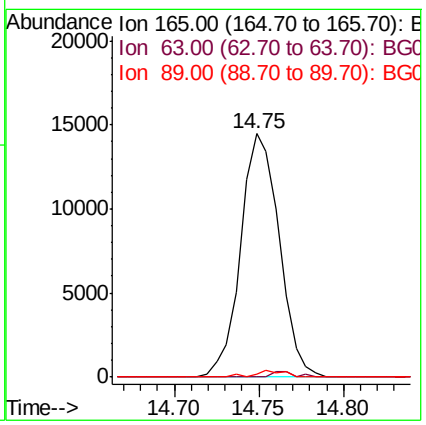


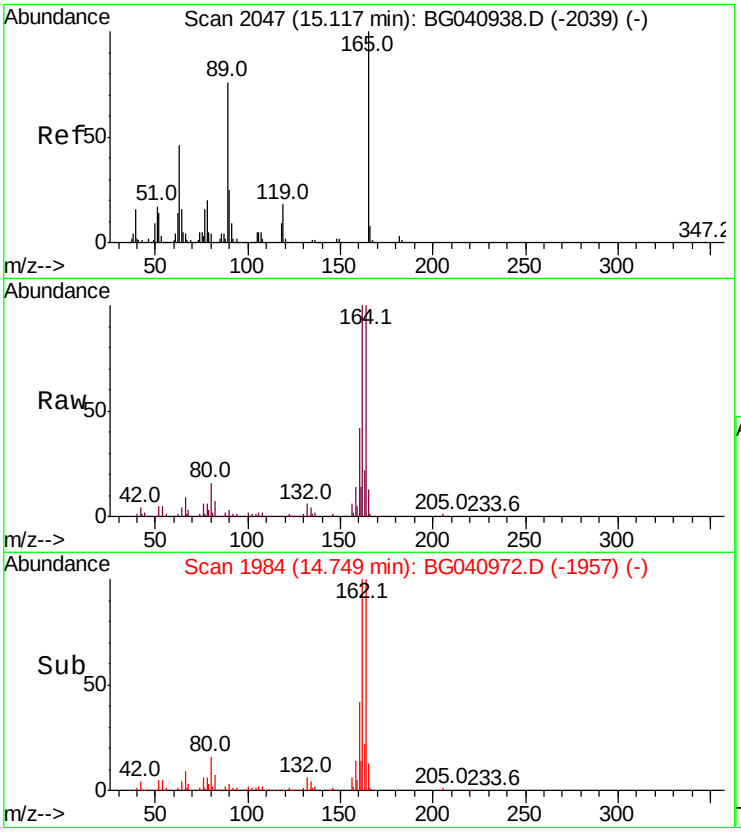


#51
2,6-Dinitrotoluene
Concen: 7.171 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.41 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:165 Resp: 22977

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.6	80.4#
89	1.4	50.4	75.6#



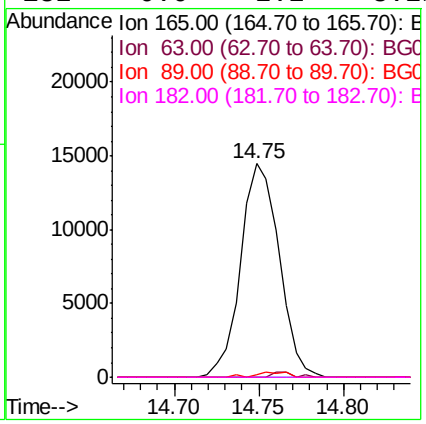


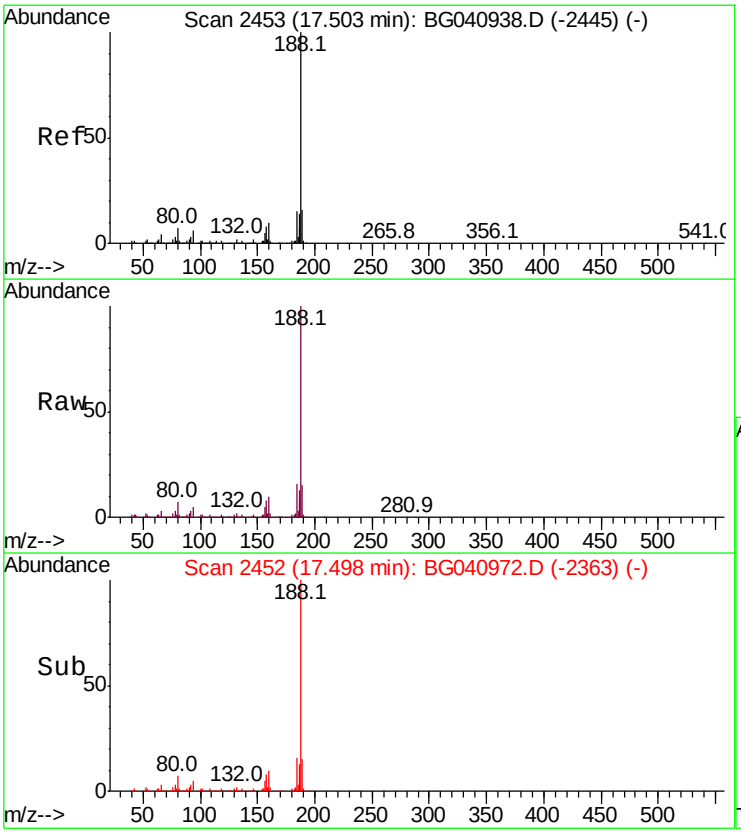
#57
2,4-Dinitrotoluene
Concen: 5.077 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22977

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	1.4	61.0	91.6#
182	0.0	2.2	3.2#

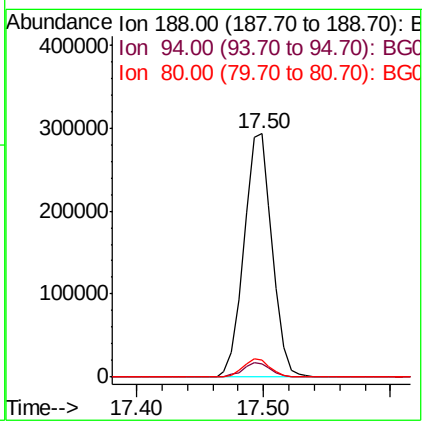


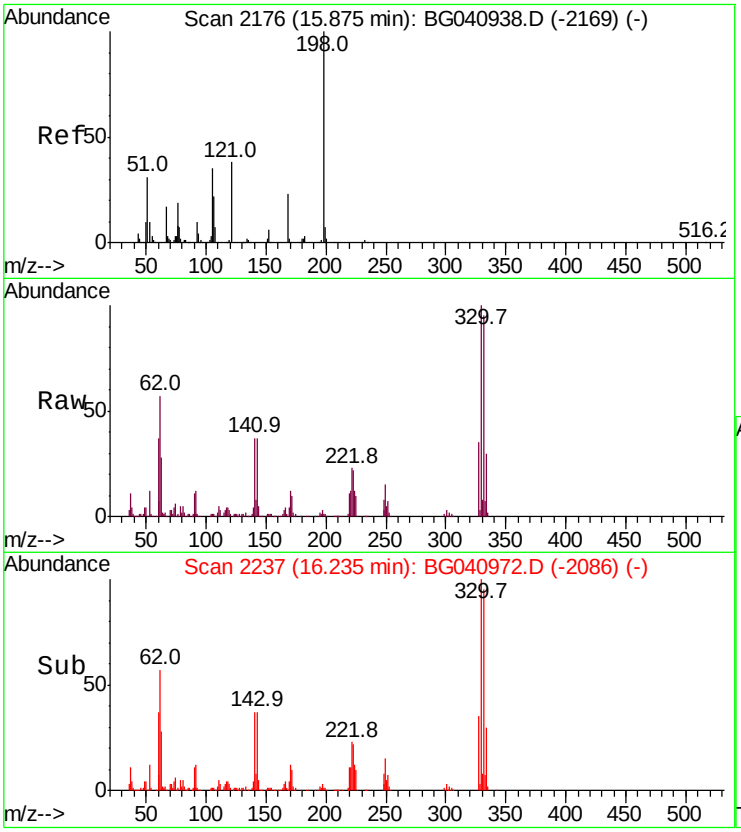


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:188 Resp: 450963

Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.7	7.1
80	6.9	5.8	8.8



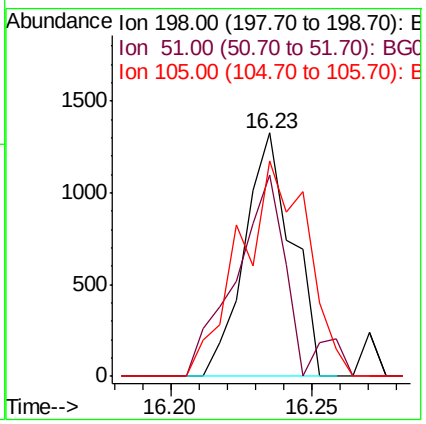


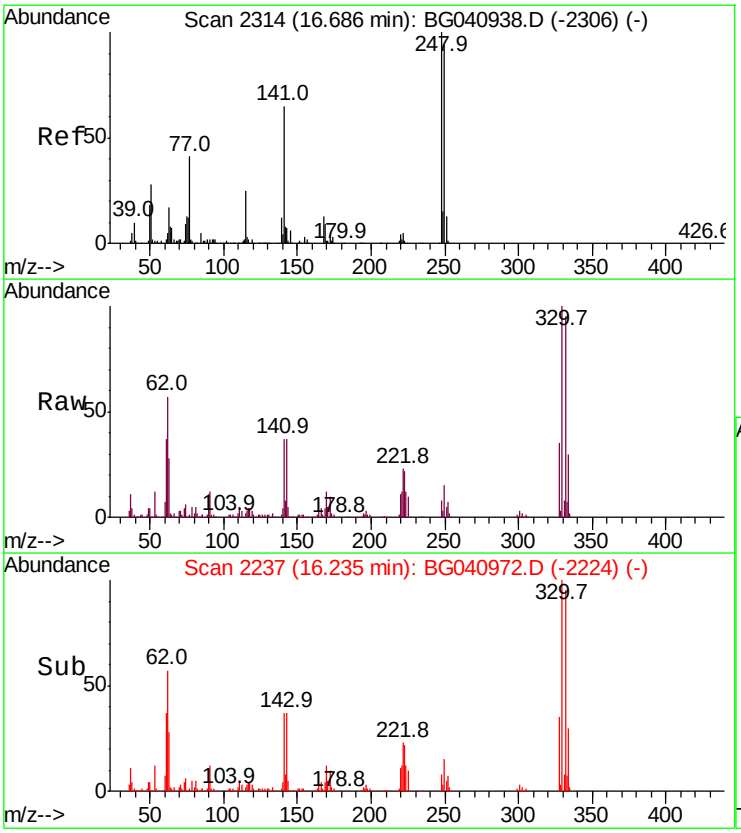
#65
4,6-Dinitro-2-methylphenol
Concen: 9.113 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.36 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 1541

Ion	Ratio	Lower	Upper
198	100		
51	82.7	21.6	61.6#
105	88.7	17.5	57.5#

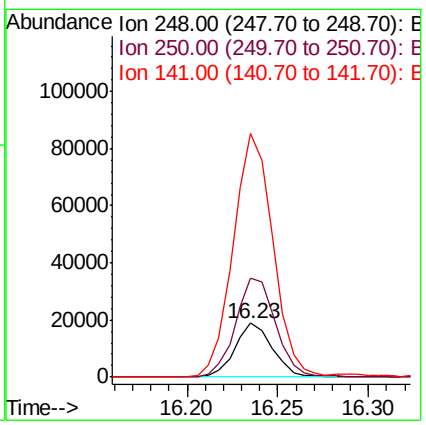


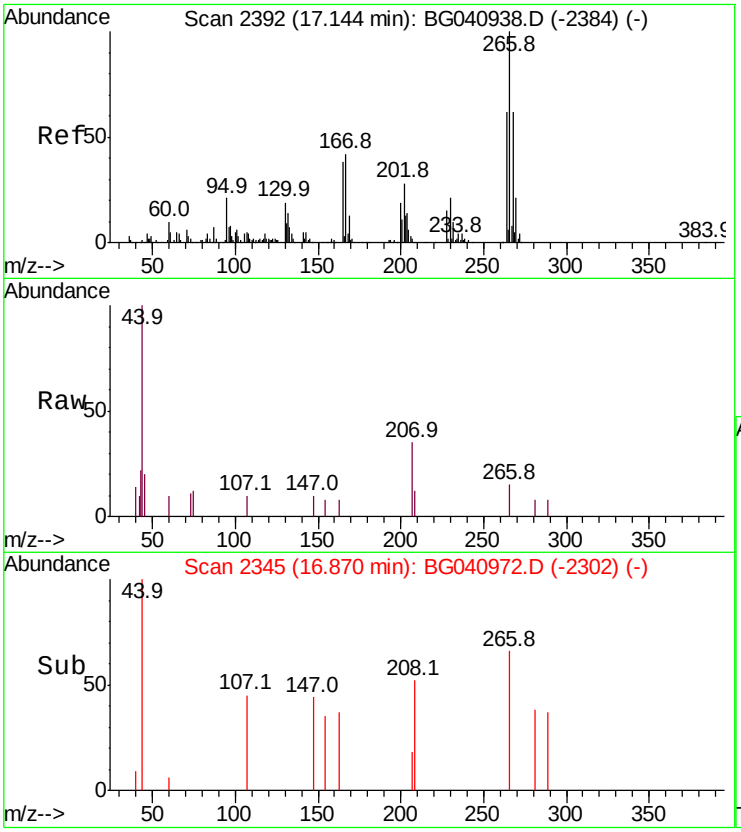


#67
4-Bromophenyl-phenylether
Concen: 4.433 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.45 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:248 Resp: 26981

Ion	Ratio	Lower	Upper
248	100		
250	183.4	75.0	112.4#
141	454.1	52.4	78.6#



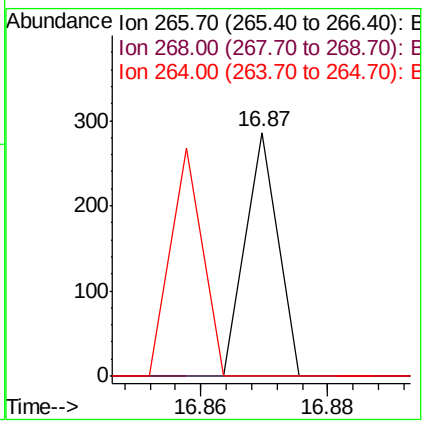


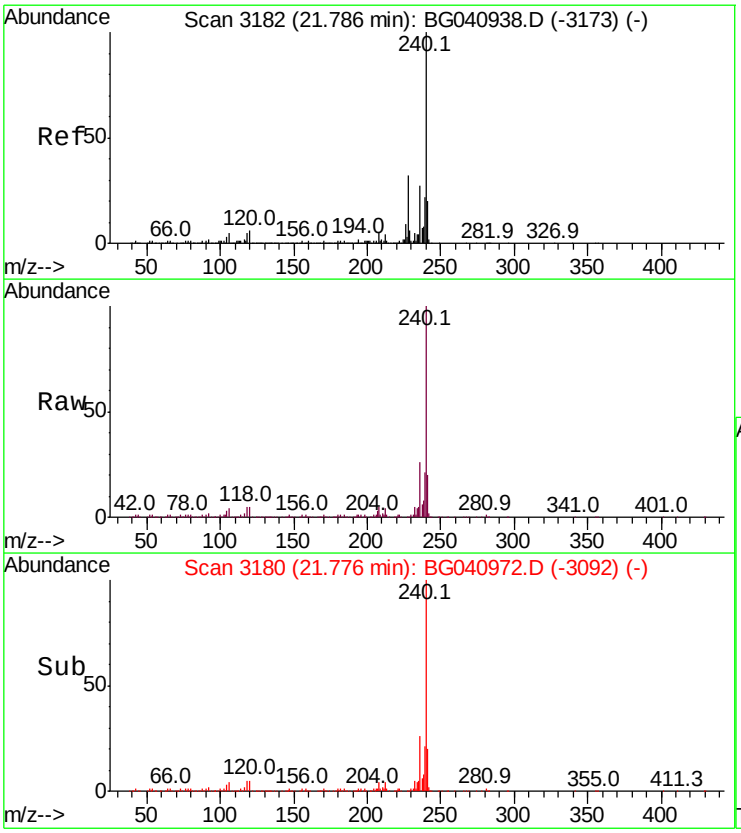
#70
Pentachlorophenol
Concen: 4.283 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.27 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 101

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

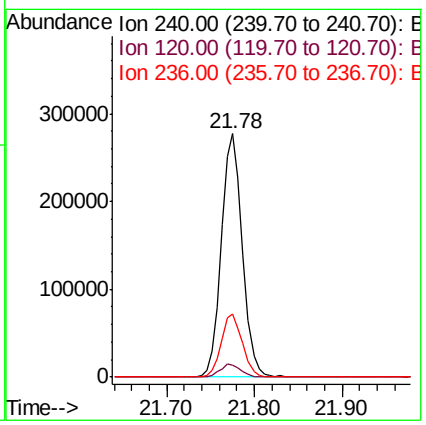


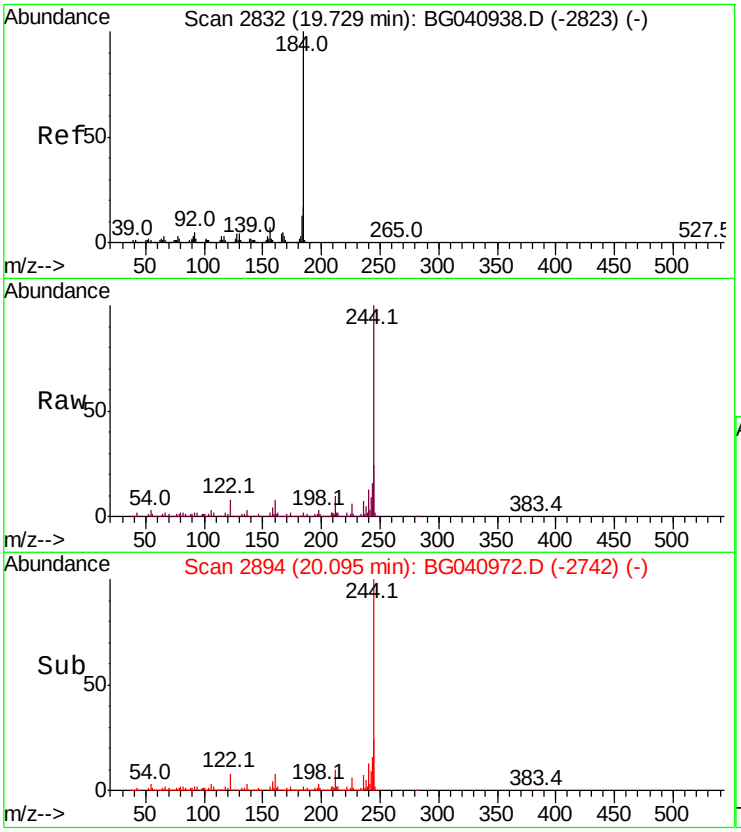


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:240 Resp: 460299

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.5	6.7
236	25.7	21.3	31.9



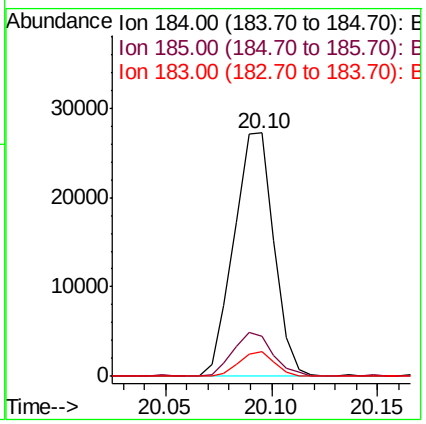


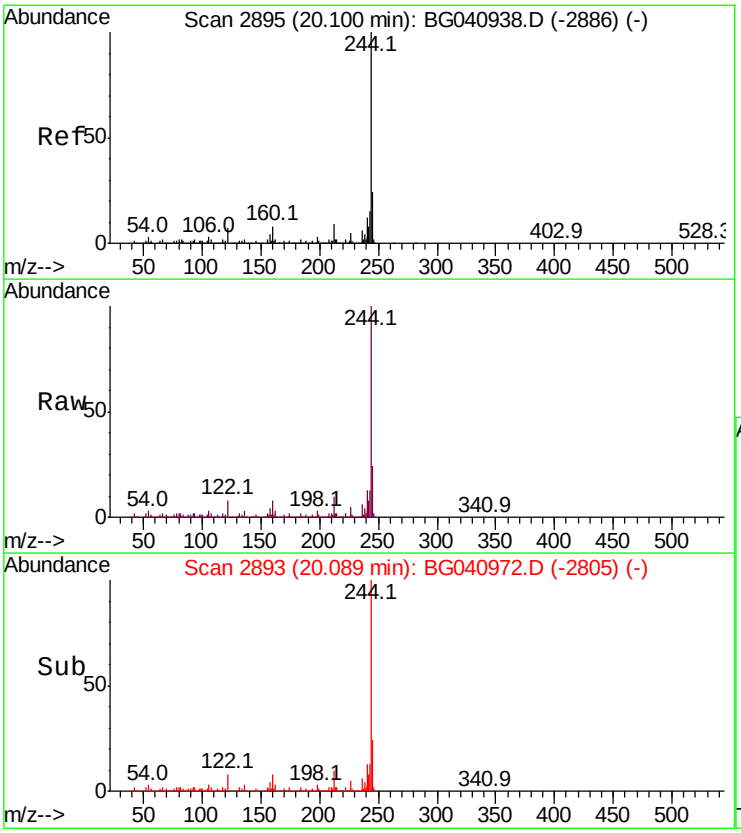
#77
Benzidine
Concen: 3.257 ng
RT: 20.10 min Scan# 2894
Delta R.T. 0.37 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 35759

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.3	19.9
183	10.0	10.7	16.1#

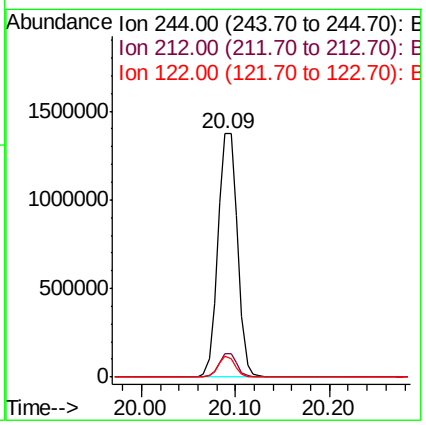


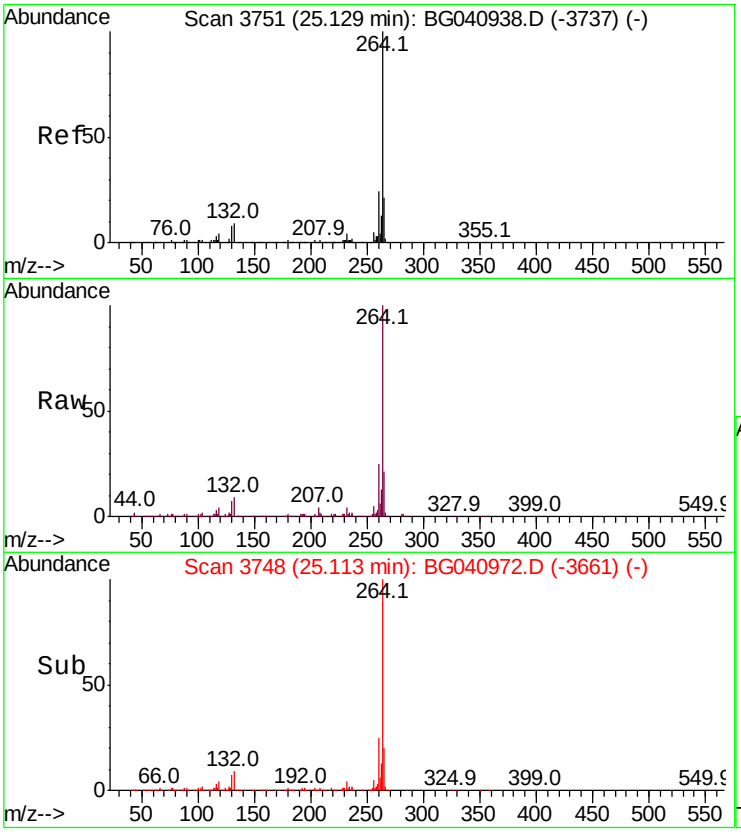


#79
Terphenyl-d14
Concen: 91.466 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Tgt Ion:244 Resp: 1983726

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	8.4	5.4	8.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG040972.D
Acq: 31 May 2019 5:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 476156

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	20.7	17.0	25.4