Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042283.D
Acq On : 17 Aug 2019 10:20
Operator : HP/JU
Sample : K4356-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Time: Aug 19 05:55:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60834	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	228760	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	165620	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	405628	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	470016	20.00	ng	-0.04
87) Perylene-d12	24.94	264	534593	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	376203	120.32	ng	-0.03
7) Phenol-d6	7.17	99	477032	113.17	ng	-0.02
23) Nitrobenzene-d5	9.17	82	316428	95.19	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	326063	173.33	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	965678	102.84	ng	-0.04
79) Terphenyl-d14	20.03	244	1918185	93.39	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	21436	14.566	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	38902	12.712	ng	# 64
50) Dimethylphthalate	14.13	163	38944	3.443	ng	# 95
51) 2,6-Dinitrotoluene	14.67	165	21665	9.160	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	21665	6.661	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.15	198	724	7.165	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	23013	4.606	ng	# 1
77) Benzidine	19.65	184	198231	12.921	ng	96

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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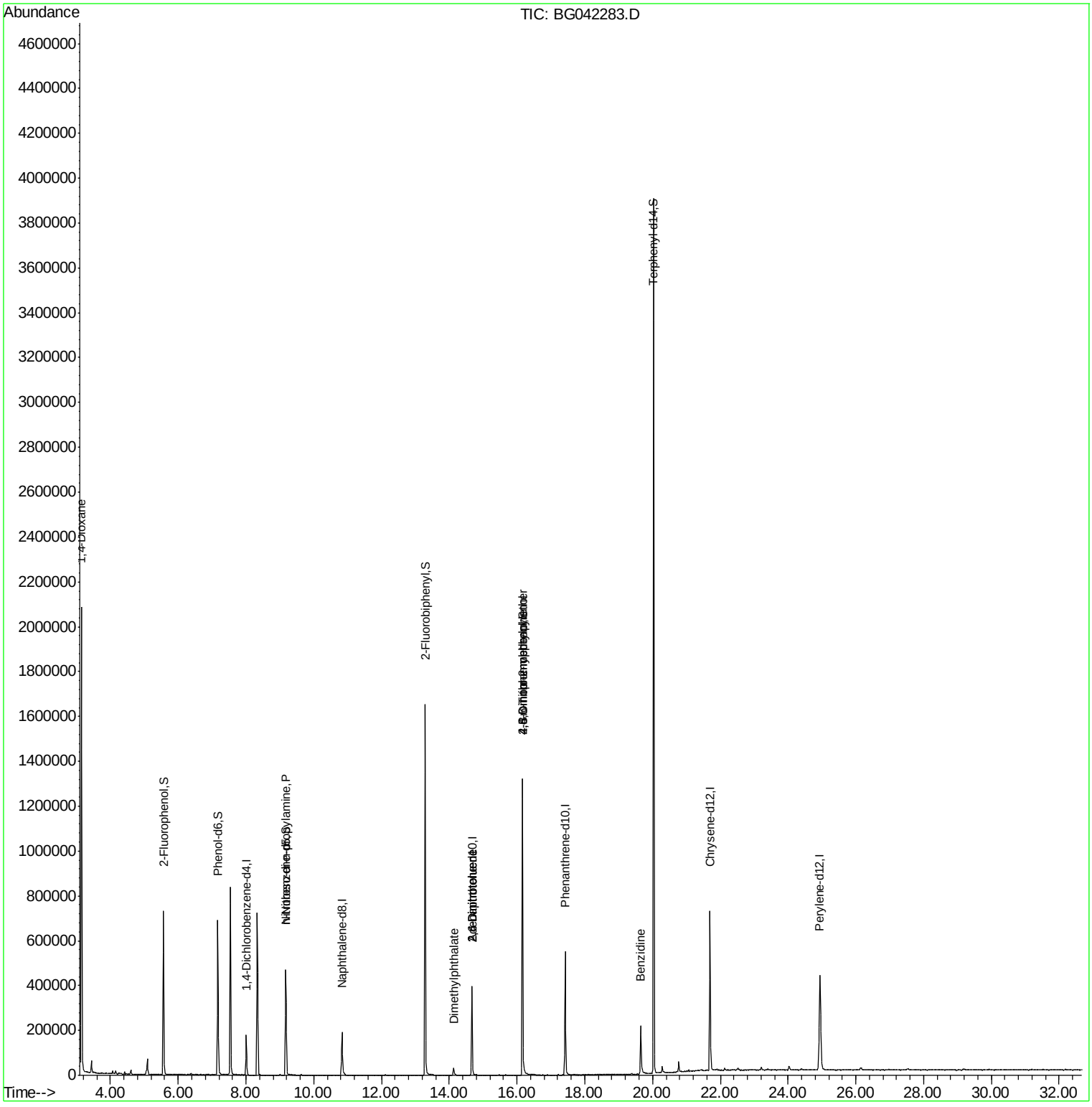
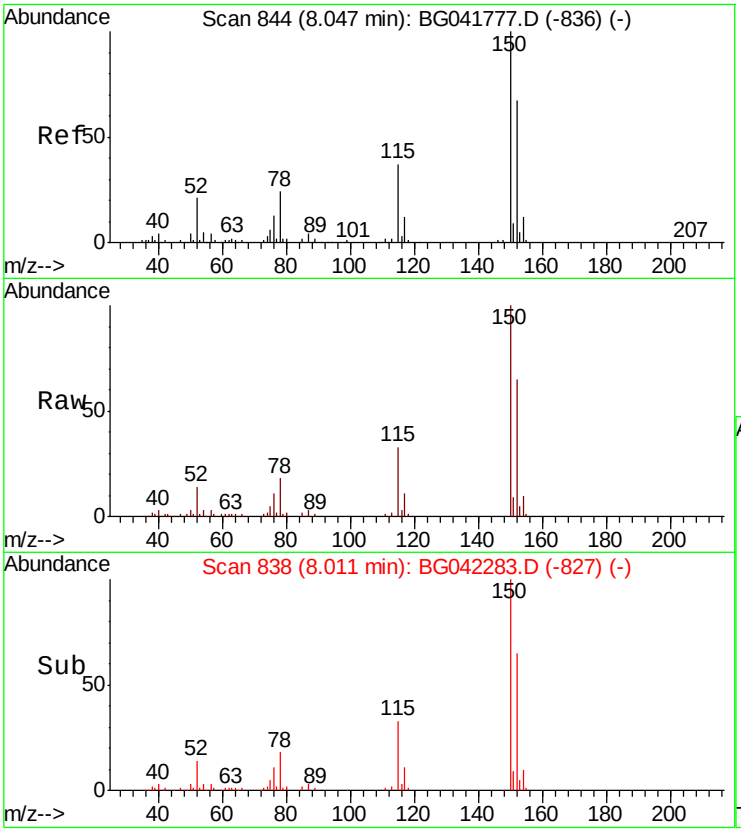


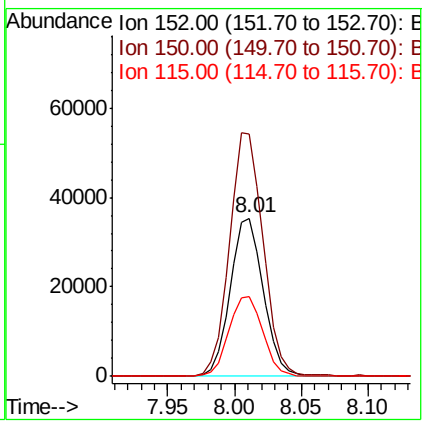


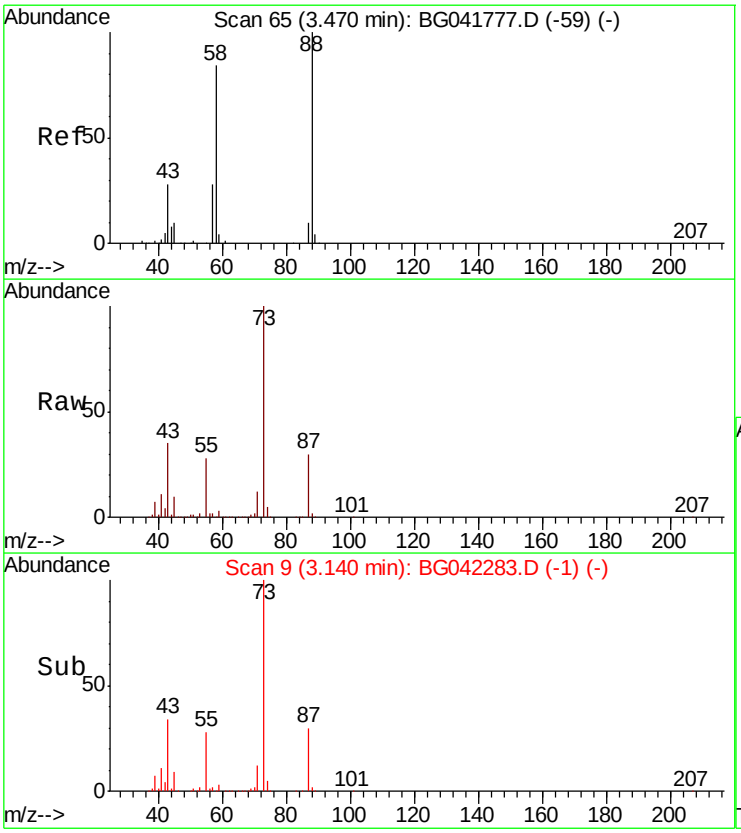
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.04 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 60834

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.9	190.3
115	50.6	45.0	67.6

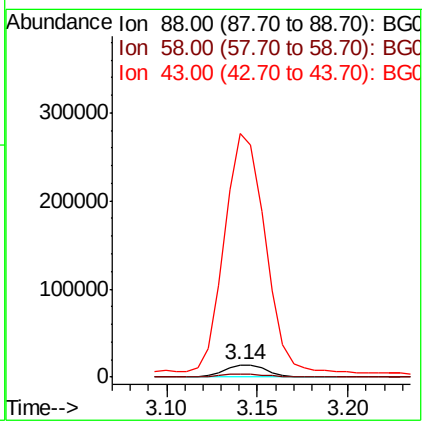


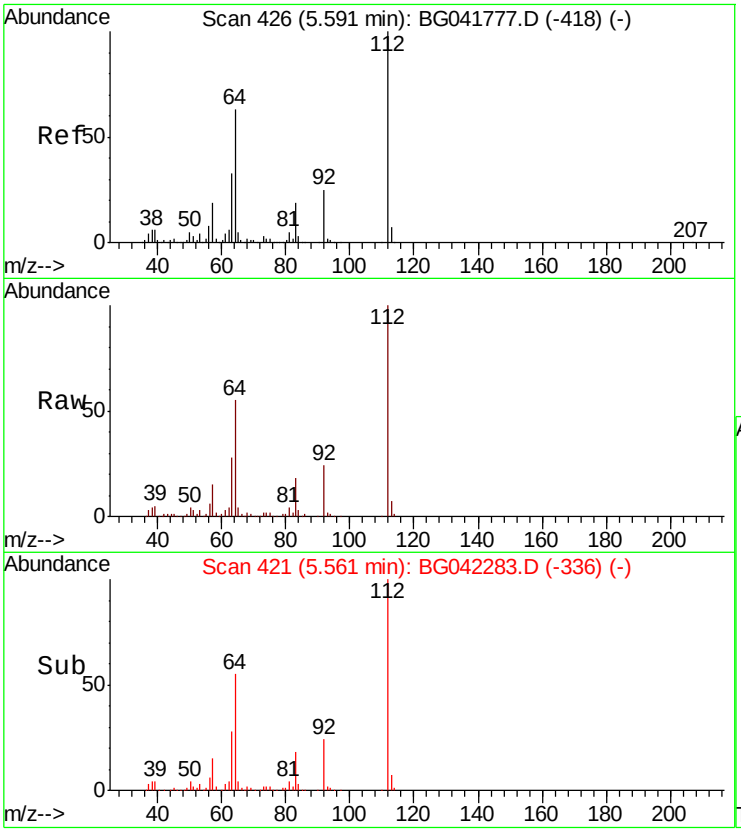


#2
1,4-Dioxane
Concen: 14.566 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion: 88 Resp: 21436

Ion	Ratio	Lower	Upper
88	100		
58	22.5	76.2	114.2#
43	2013.2	27.2	40.8#



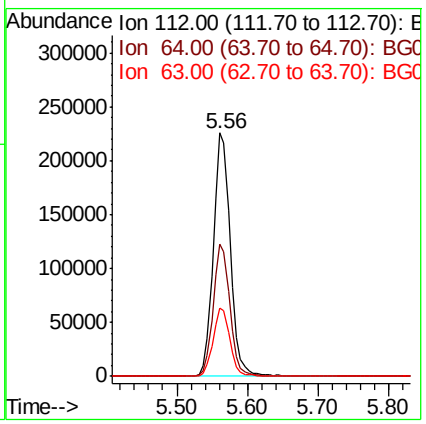


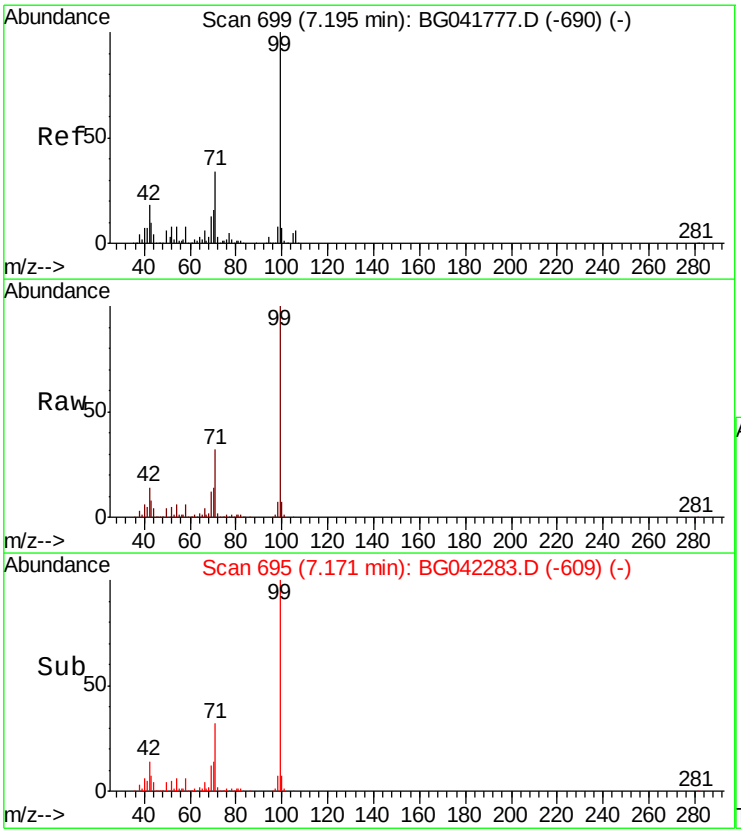
#5
2-Fluorophenol
Concen: 120.319 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:112 Resp: 376203

Ion	Ratio	Lower	Upper
112	100		
64	54.5	55.4	83.2#
63	28.2	29.1	43.7#

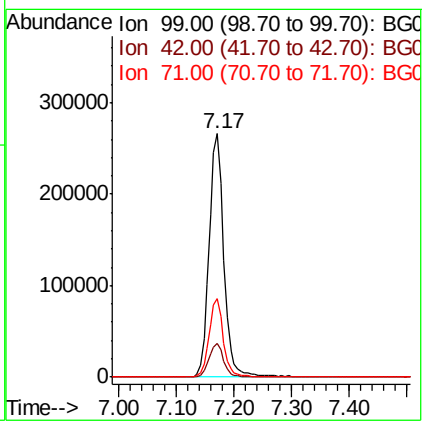


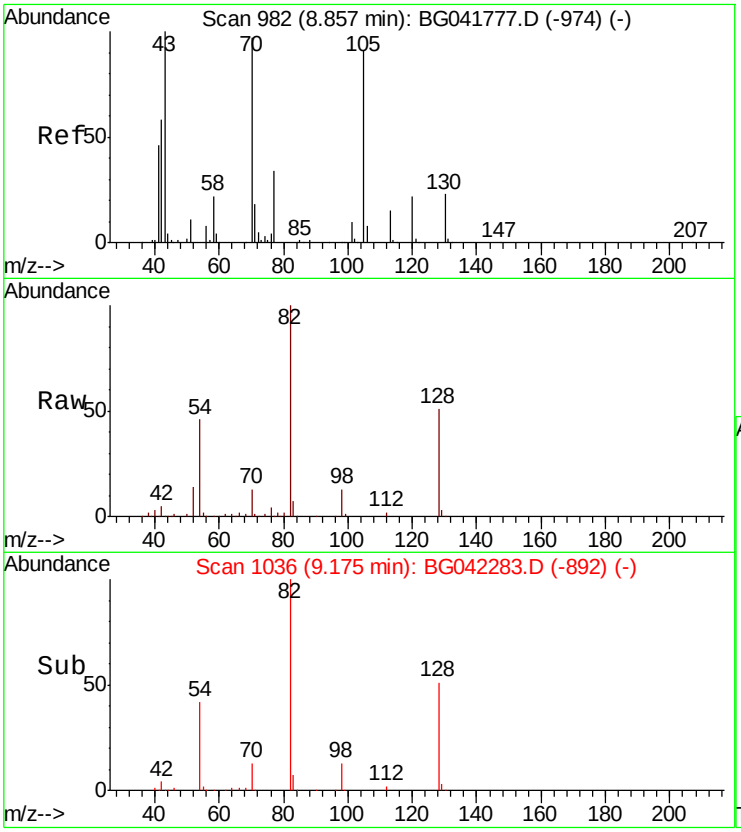


#7
Phenol-d6
Concen: 113.166 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion: 99 Resp: 477032

Ion	Ratio	Lower	Upper
99	100		
42	13.7	17.6	26.4#
71	32.0	27.8	41.6



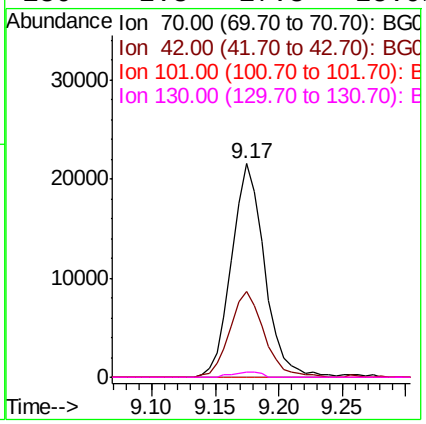


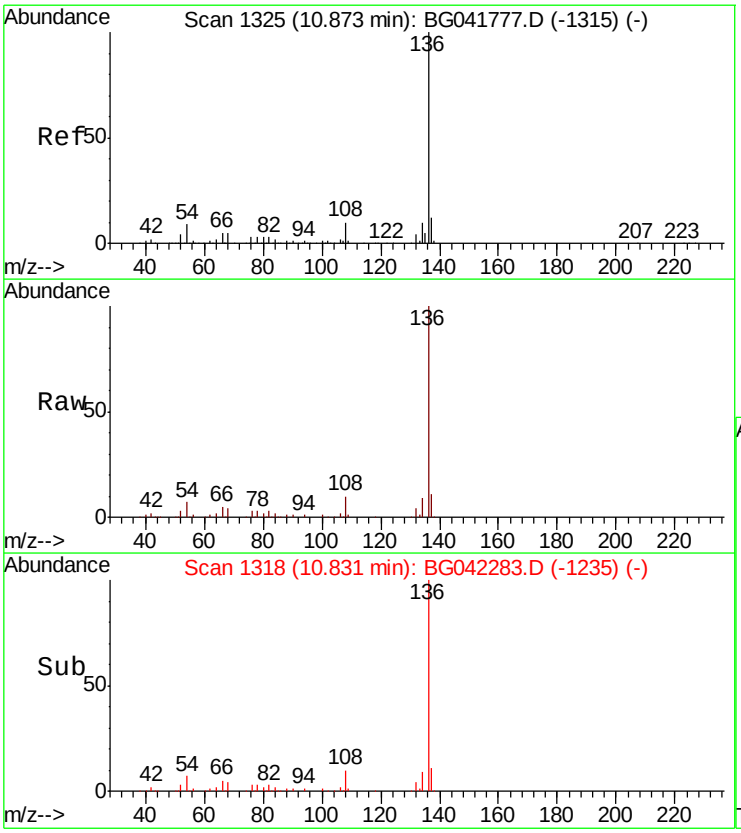
#19
n-Nitroso-di-n-propylamine
Concen: 12.712 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 70 Resp: 38902

Ion	Ratio	Lower	Upper
70	100		
42	40.2	55.8	83.6#
101	0.0	8.1	12.1#
130	2.3	17.3	25.9#

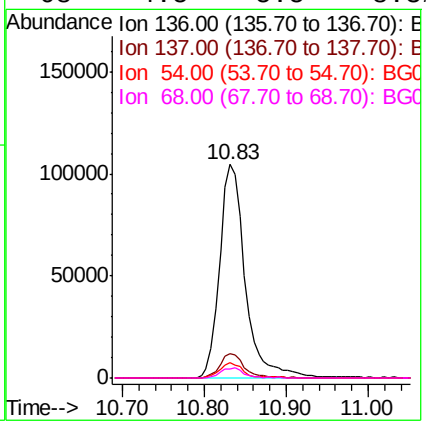


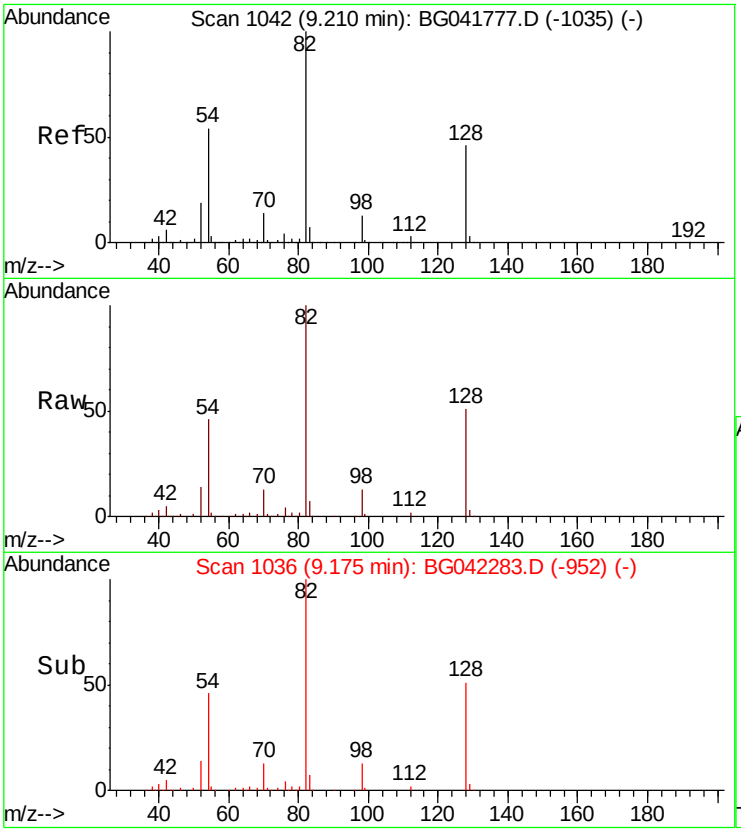


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:136 Resp: 228760

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.0	8.7	13.1#
68	4.5	5.5	8.3#



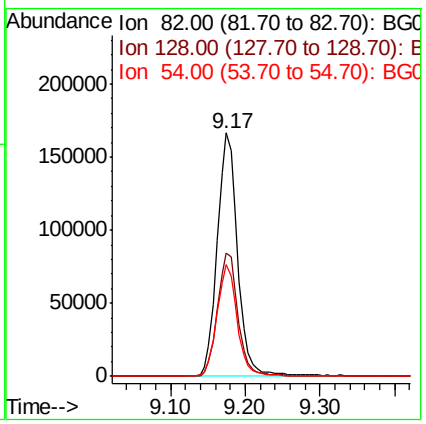


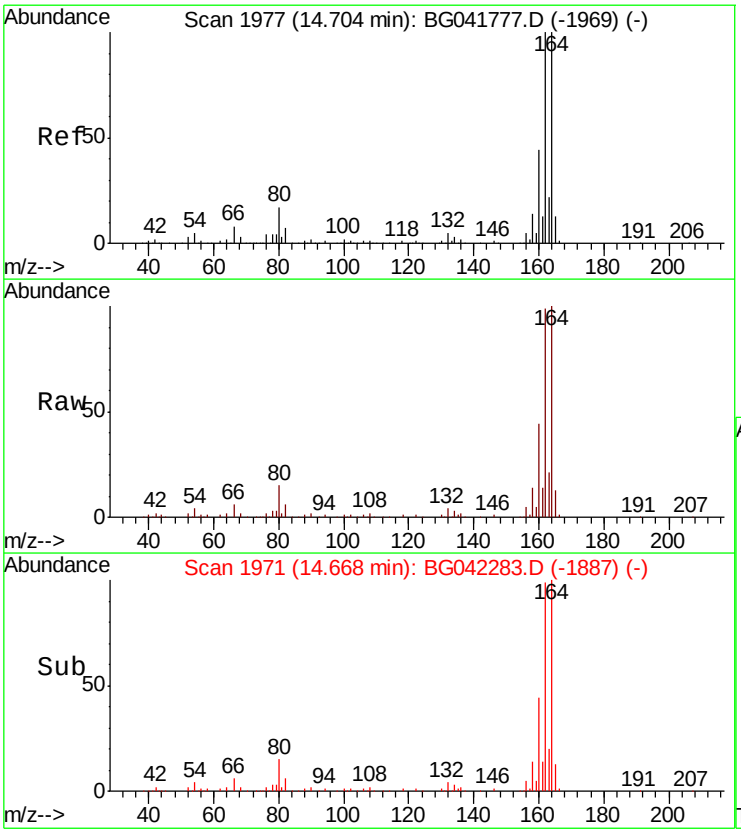
#23
Nitrobenzene-d5
Concen: 95.189 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 316428

Ion	Ratio	Lower	Upper
82	100		
128	50.9	35.1	52.7
54	45.9	48.7	73.1#

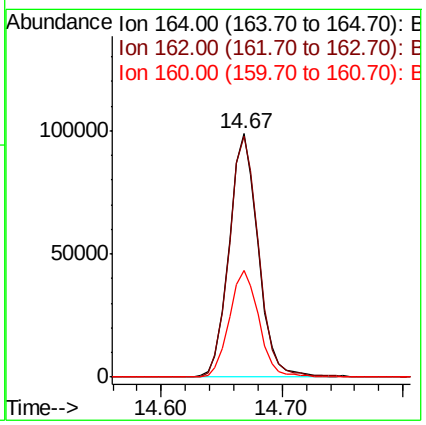


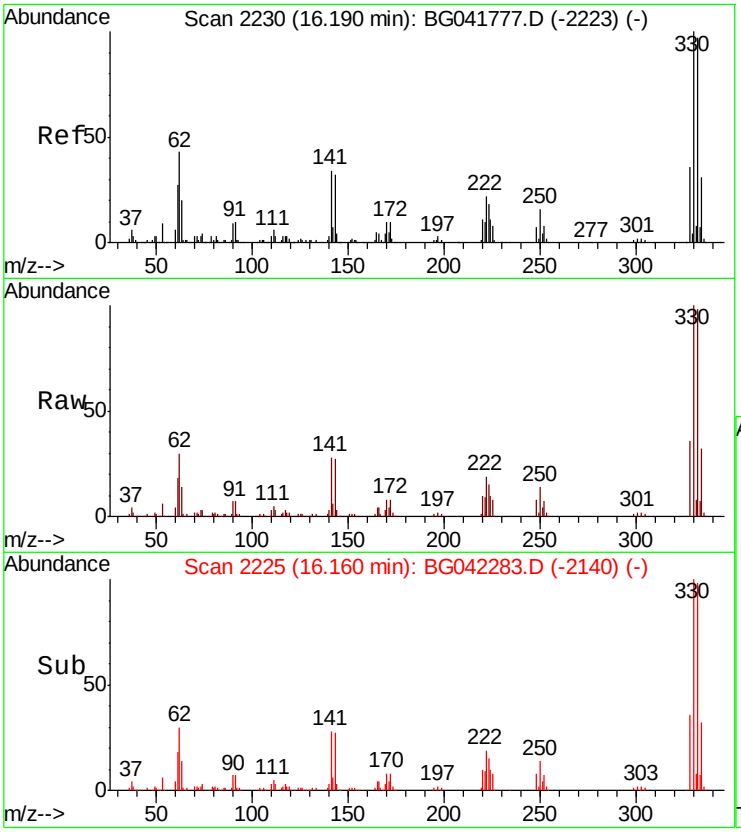


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.04 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:164 Resp: 165620

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.6	119.4
160	43.6	35.4	53.0



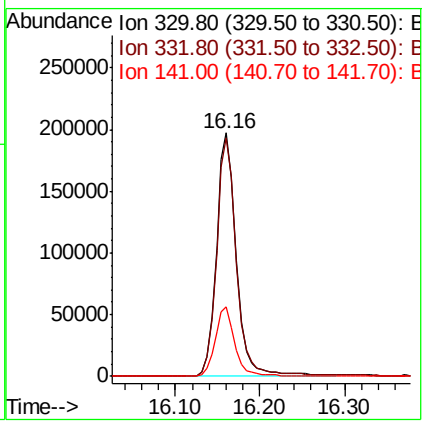


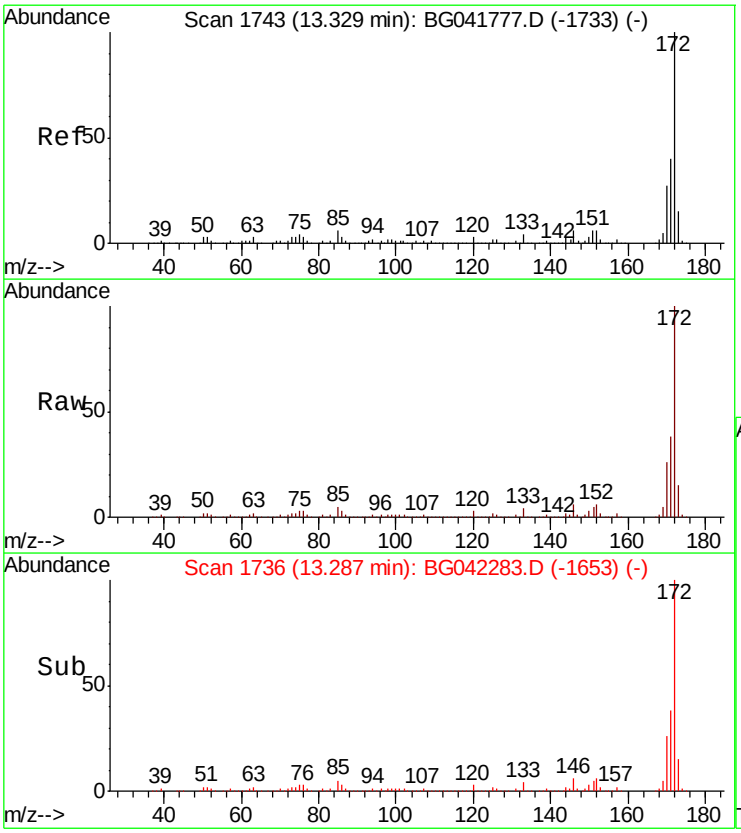
#42
2,4,6-Tribromophenol
Concen: 173.326 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 326063

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	28.4	31.9	47.9#

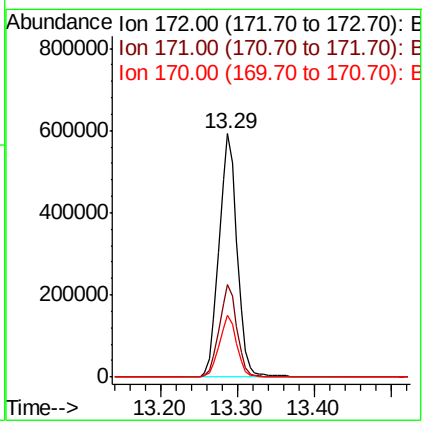


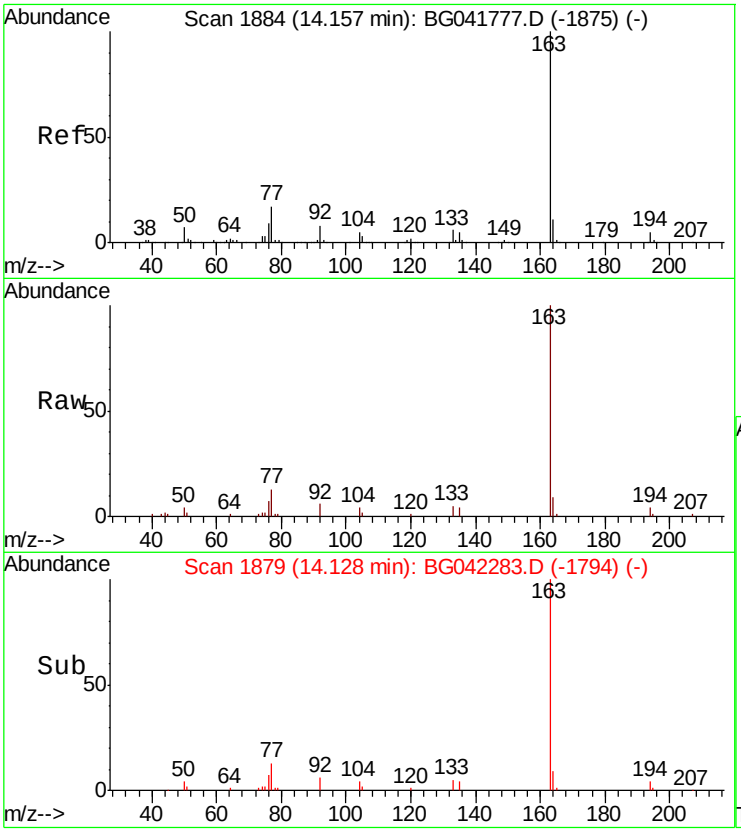


#45
2-Fluorobiphenyl
Concen: 102.837 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:172 Resp: 965678

Ion	Ratio	Lower	Upper
172	100		
171	38.1	35.0	52.4
170	25.6	23.5	35.3



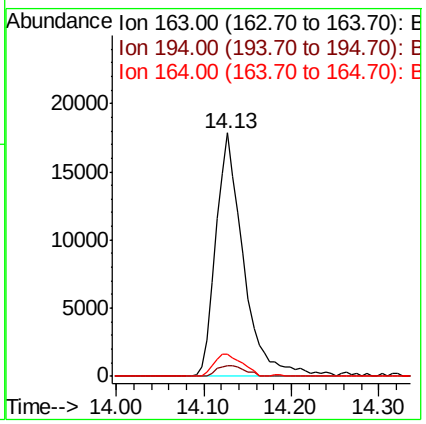


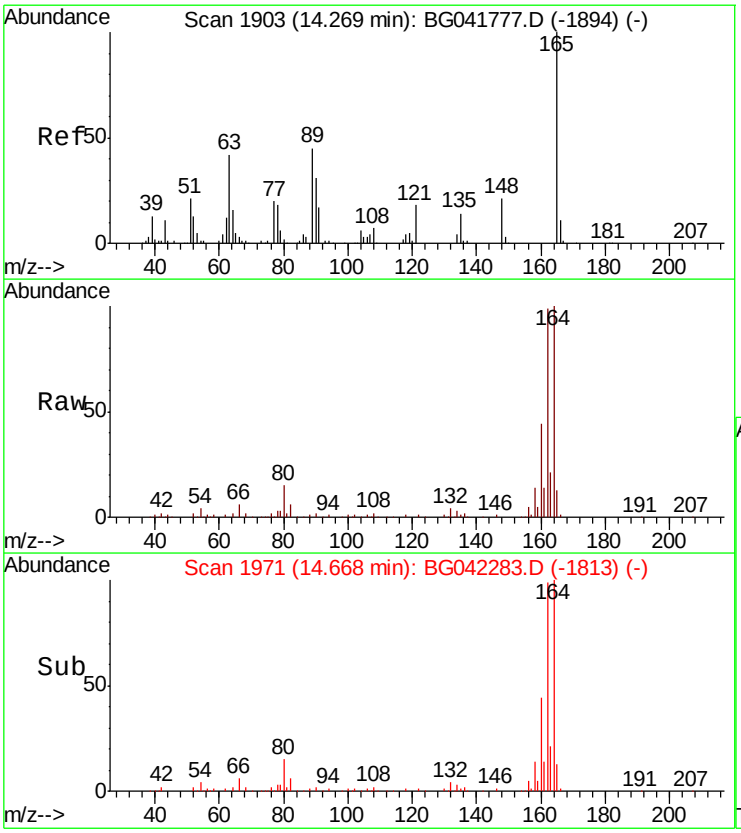
#50
Dimethylphthalate
Concen: 3.443 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:163 Resp: 38944

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	8.9	9.4	14.2#

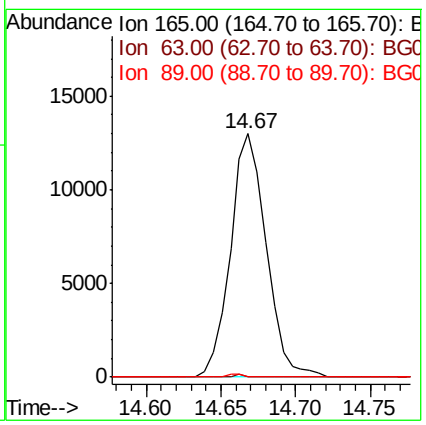


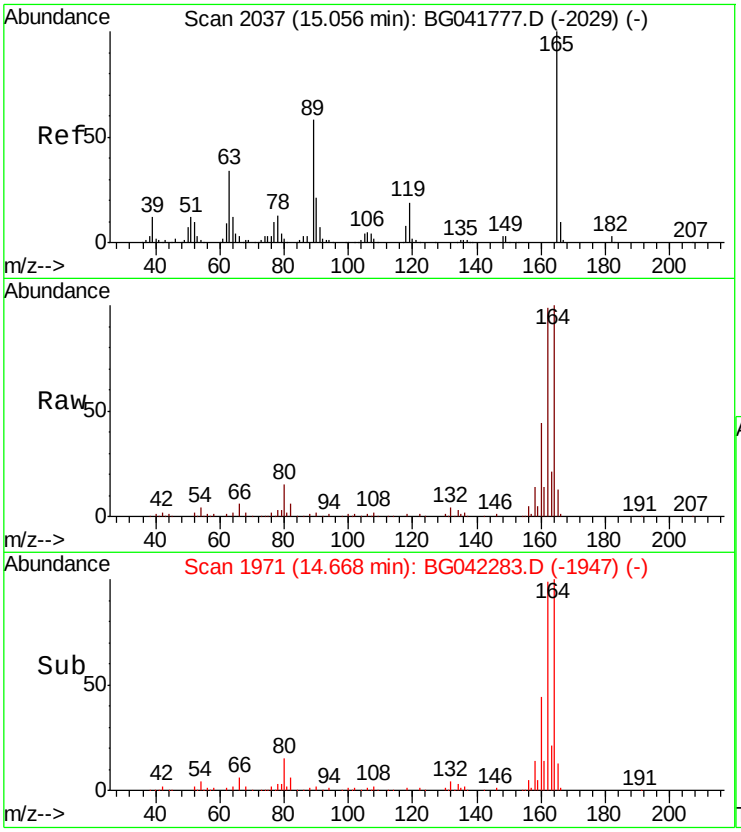


#51
2,6-Dinitrotoluene
Concen: 9.160 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.40 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:165 Resp: 21665

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	0.0	42.1	63.1#



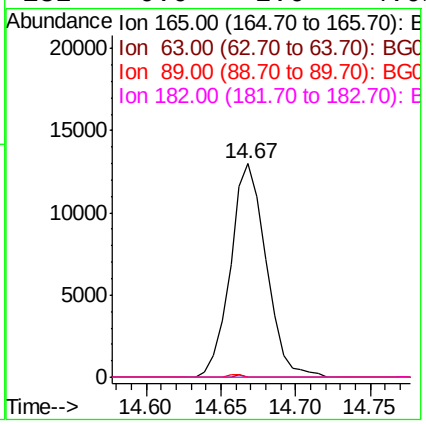


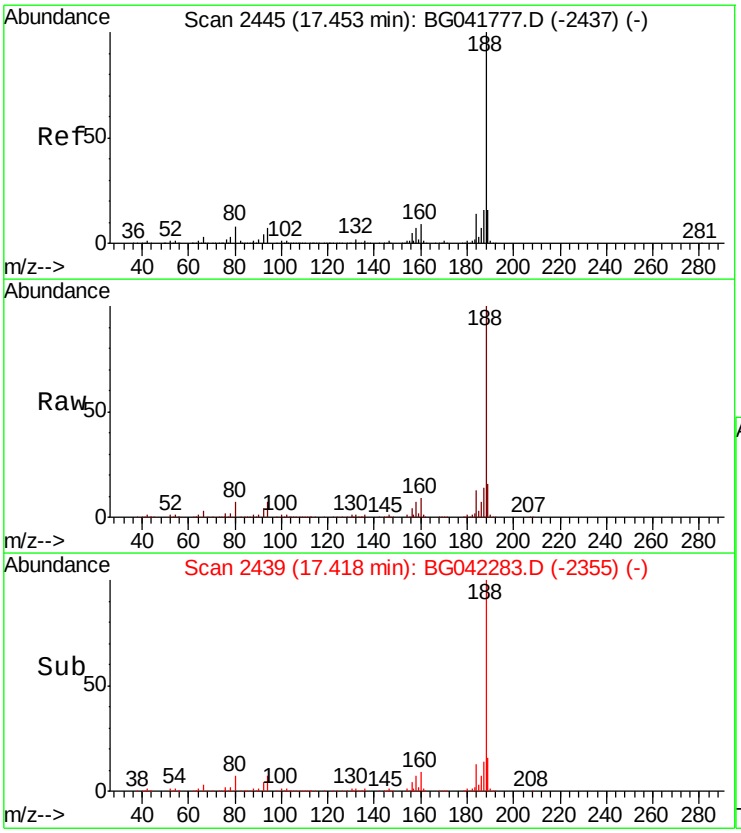
#57
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.39 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 21665

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#

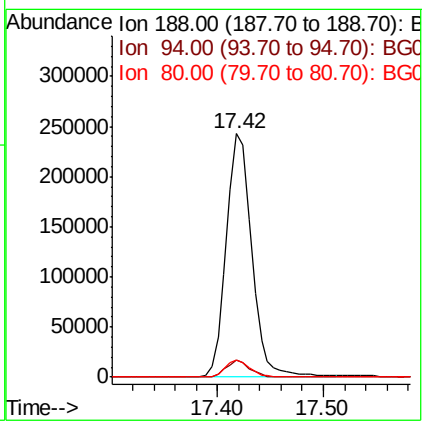


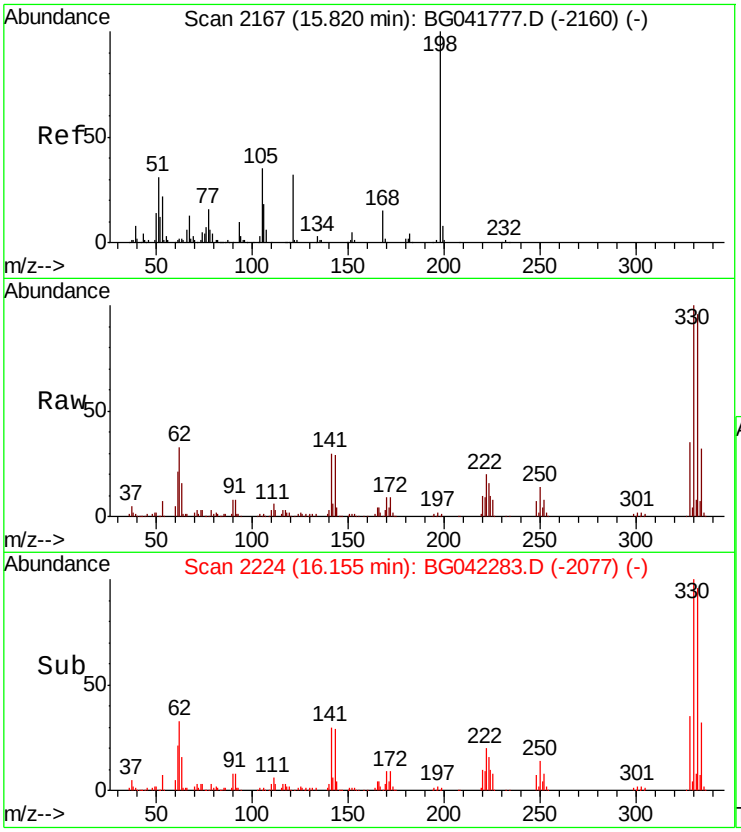


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.04 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:188 Resp: 405628

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.1	8.0	12.0#



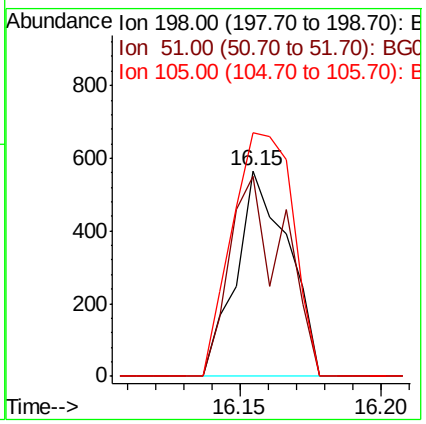


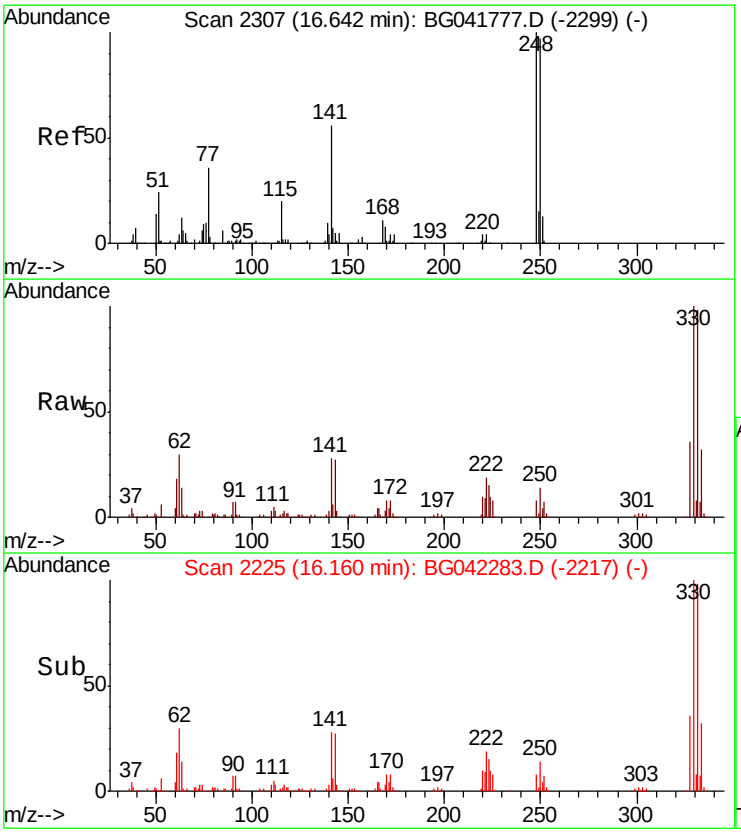
#65
4,6-Dinitro-2-methylphenol
Concen: 7.165 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.34 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:198 Resp: 724

Ion	Ratio	Lower	Upper
198	100		
51	97.2	22.3	62.3#
105	118.6	18.0	58.0#

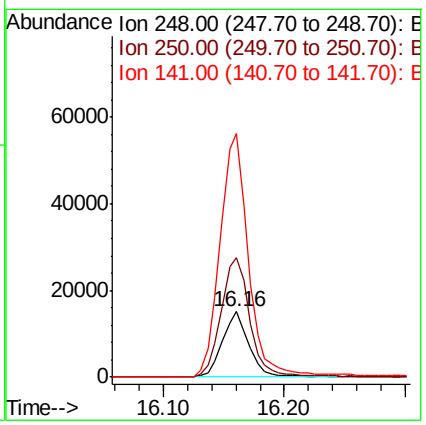


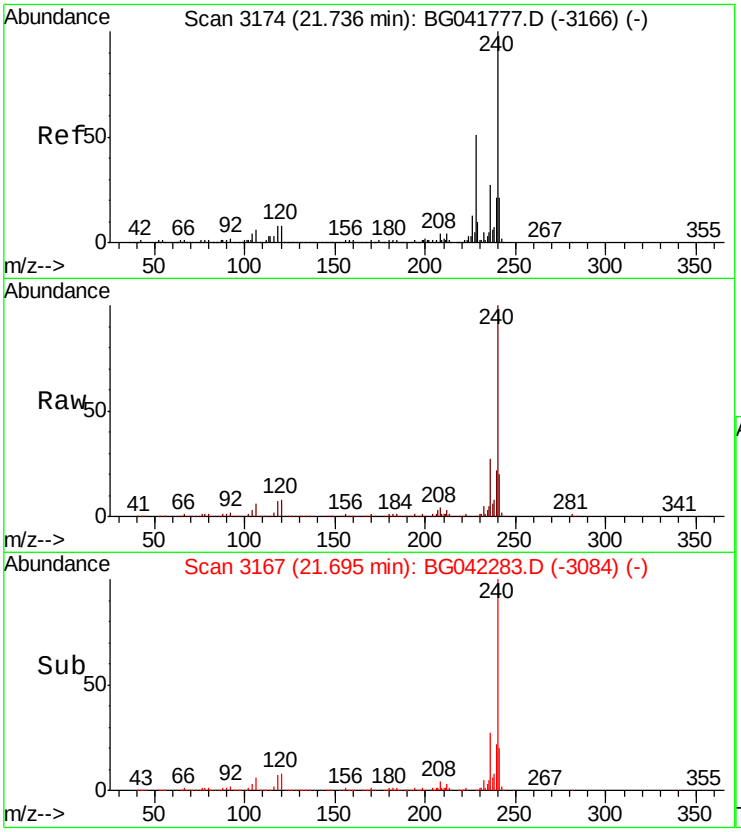


#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.48 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:248 Resp: 23013

Ion	Ratio	Lower	Upper
248	100		
250	181.5	78.1	117.1#
141	371.6	49.6	74.4#



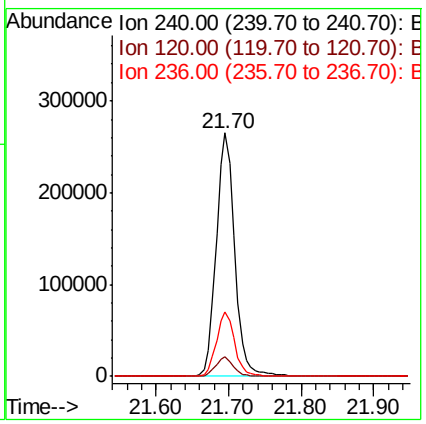


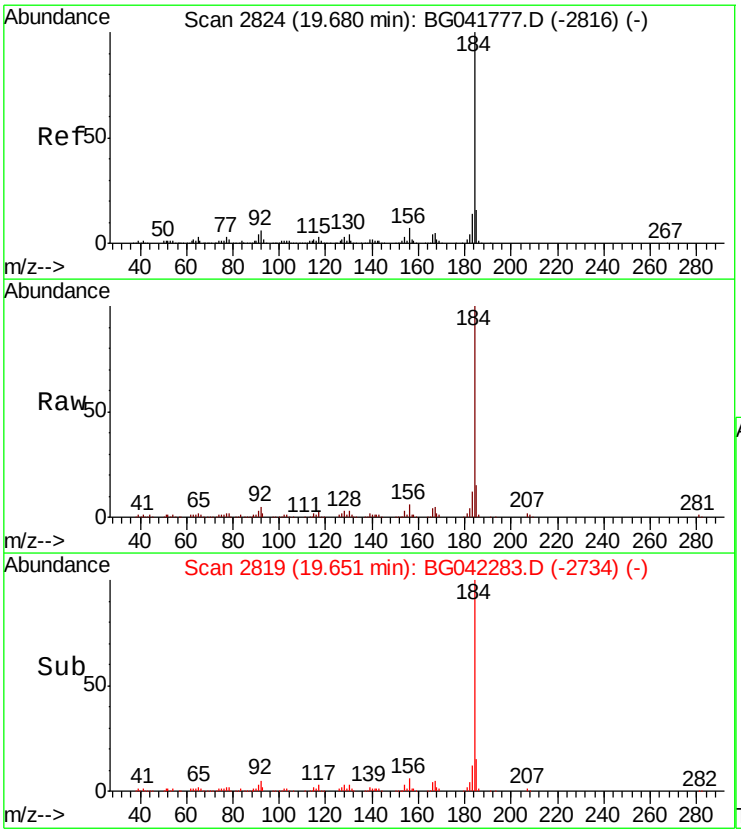
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 470016

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.0	12.0#
236	26.6	22.6	33.8

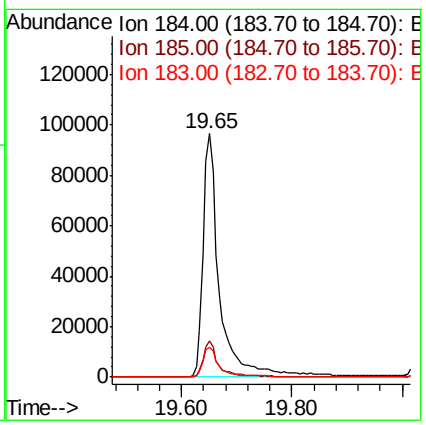


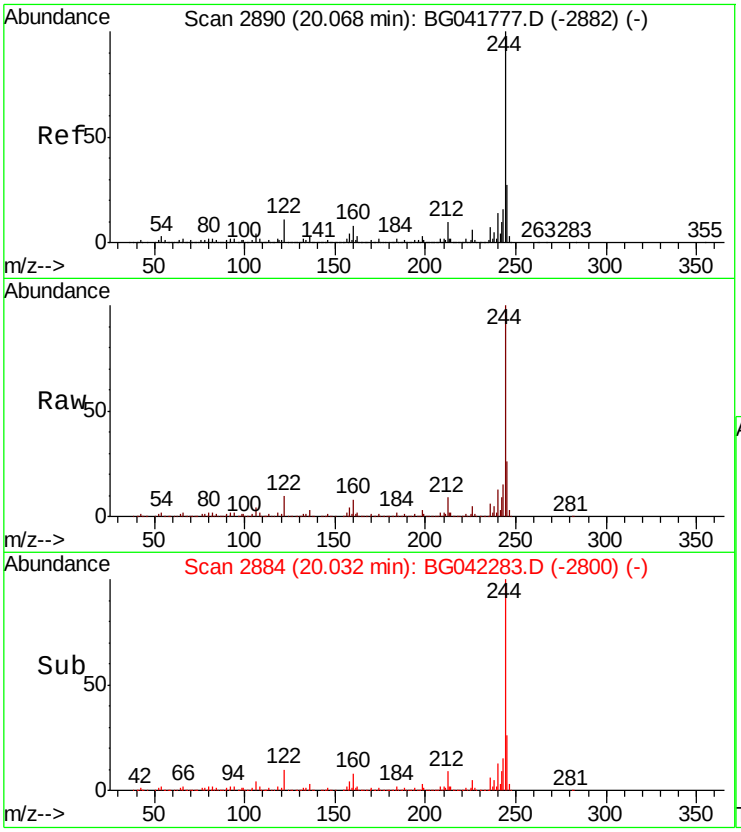


#77
Benzidine
Concen: 12.921 ng
RT: 19.65 min Scan# 2819
Delta R.T. -0.03 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:184 Resp: 198231

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.4
183	12.3	11.8	17.6



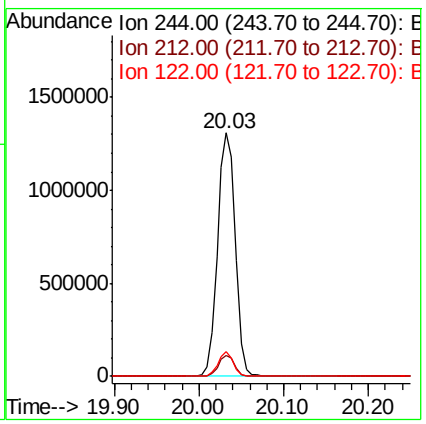


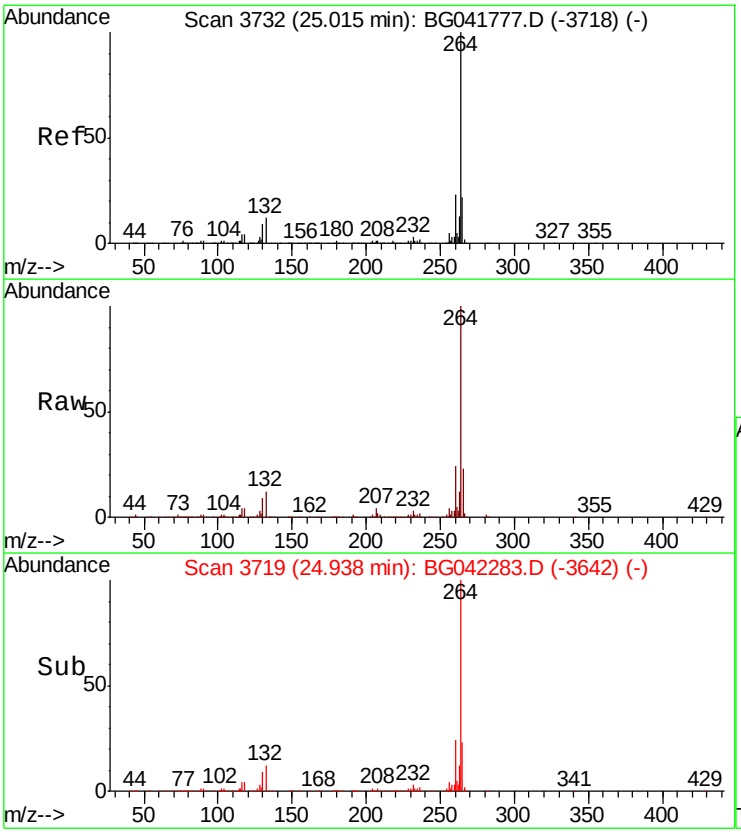
#79
Terphenyl-d14
Concen: 93.386 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1918185

Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	10.2	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.08 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:264 Resp: 534593

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.7	18.0	27.0