Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042313.D
Acq On : 18 Aug 2019 8:07
Operator : HP/JU
Sample : K4383-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1359

Quant Time: Aug 19 06:00:28 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	8.00	152	65028	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	237611	20.00	ng	-0.04
39) Acenaphthene-d10	14.66	164	170575	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	421080	20.00	ng	-0.04
76) Chrysene-d12	21.69	240	491024	20.00	ng	-0.04
87) Perylene-d12	24.94	264	556473	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	434559	130.02	ng	-0.03
7) Phenol-d6	7.17	99	507911	112.72	ng	-0.02
23) Nitrobenzene-d5	9.17	82	386992	112.08	ng	-0.04
42) 2,4,6-Tribromophenol	16.15	330	374689	193.39	ng	-0.04
45) 2-Fluorobiphenyl	13.29	172	1154103	119.33	ng	-0.04
79) Terphenyl-d14	20.03	244	2177507	101.48	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	19565	12.437	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	49462	15.120	ng	# 62
50) Dimethylphthalate	14.12	163	83339	7.154	ng	96
57) 2,4-Dinitrotoluene	14.67	165	22377	6.680	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.16	198	802	7.186	ng	# 7
67) 4-Bromophenyl-phenylether	16.15	248	27257	5.255	ng	# 1
77) Benzidine	20.03	184	32614	2.035	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
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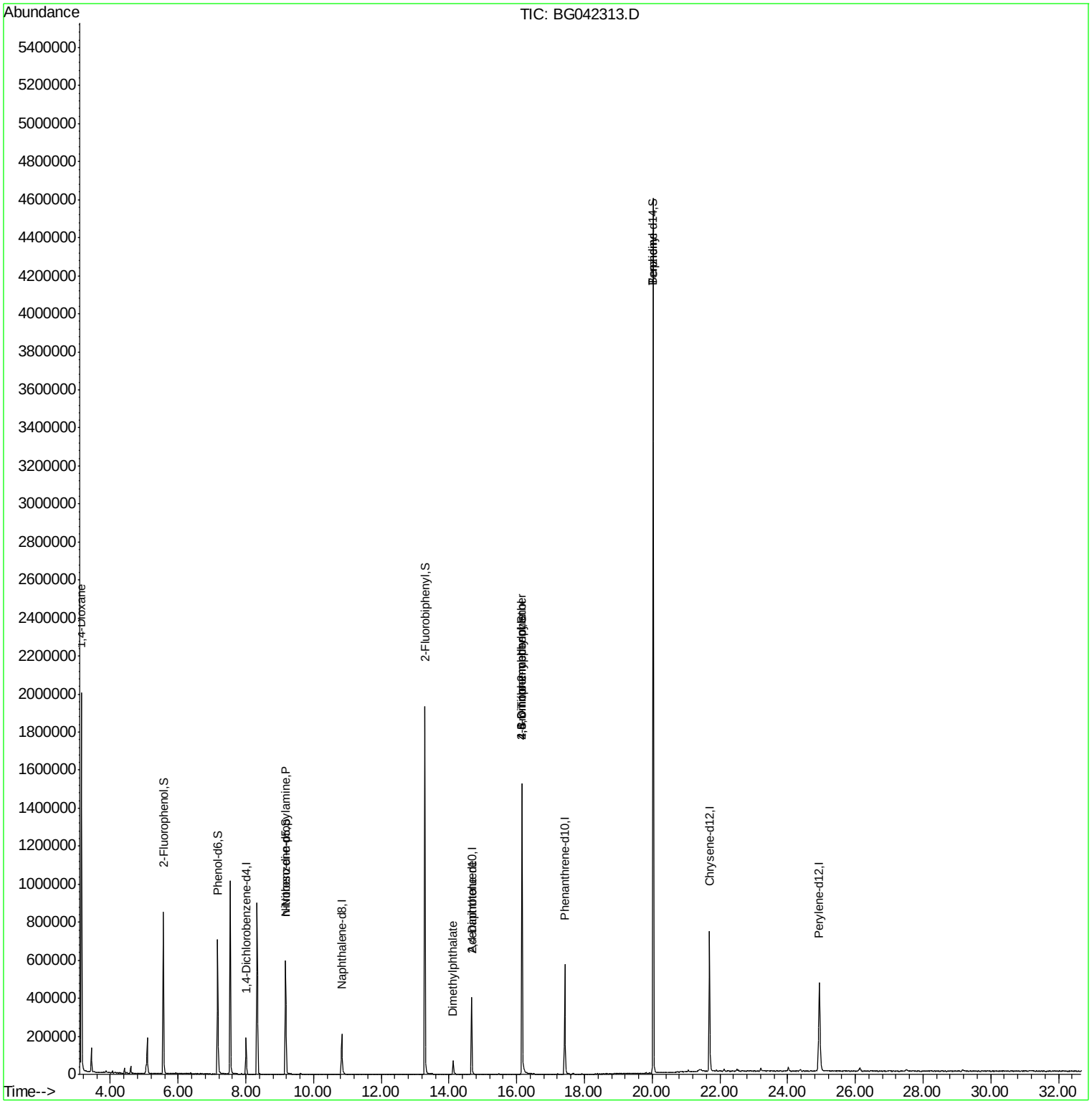
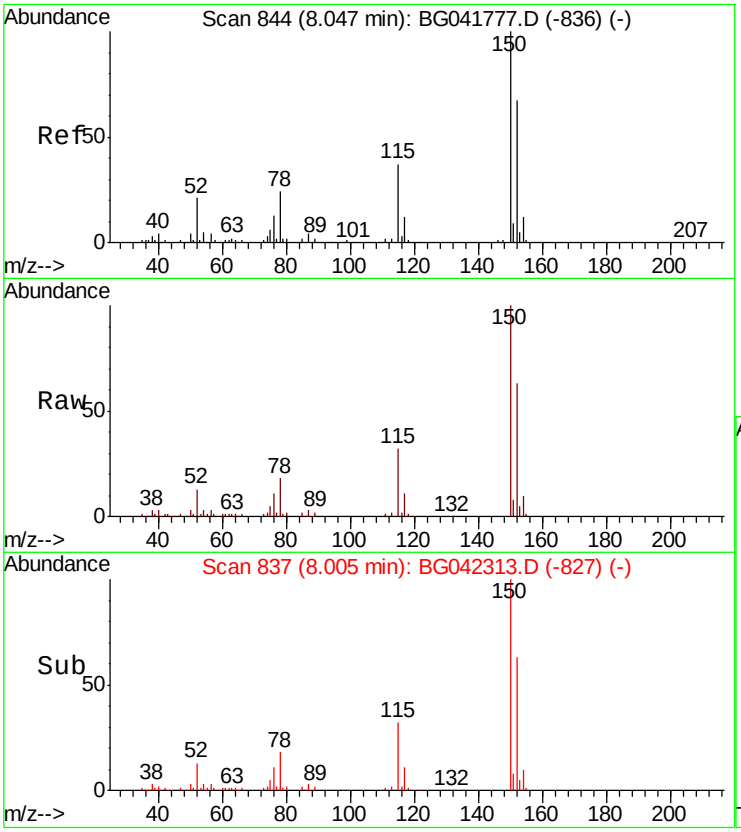


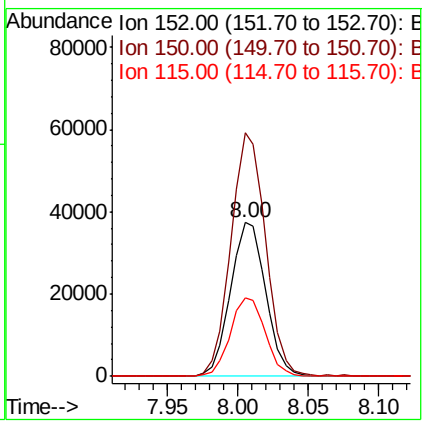


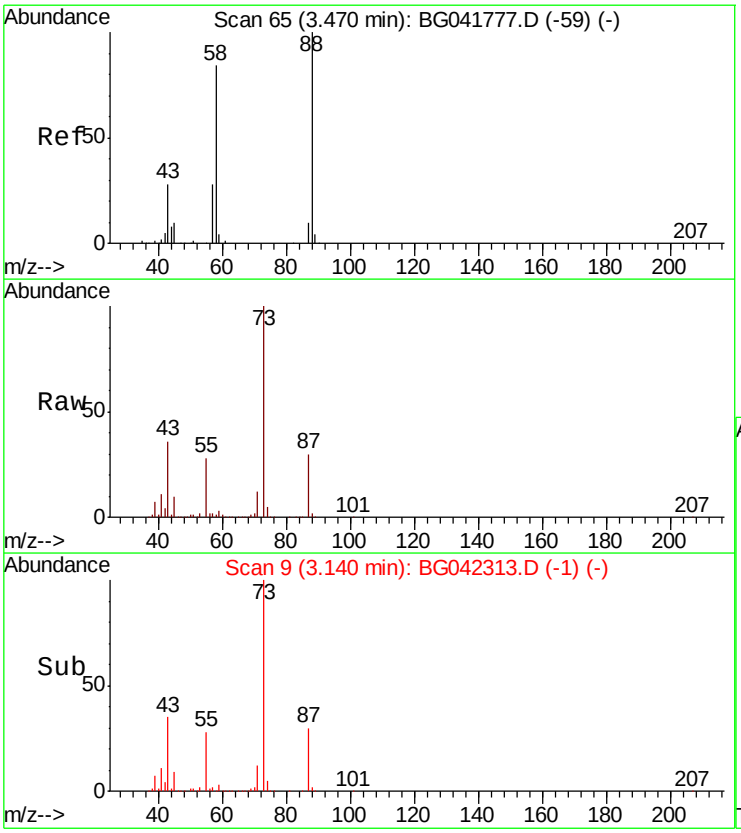
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:152 Resp: 65028

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.9	190.3
115	50.8	45.0	67.6

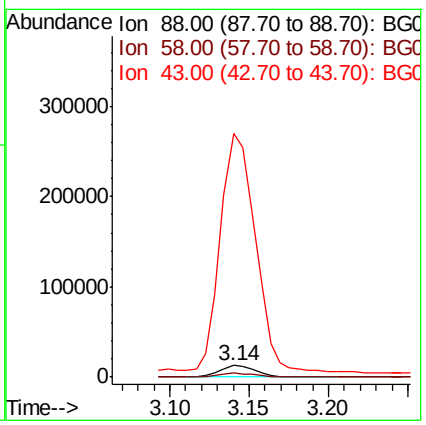


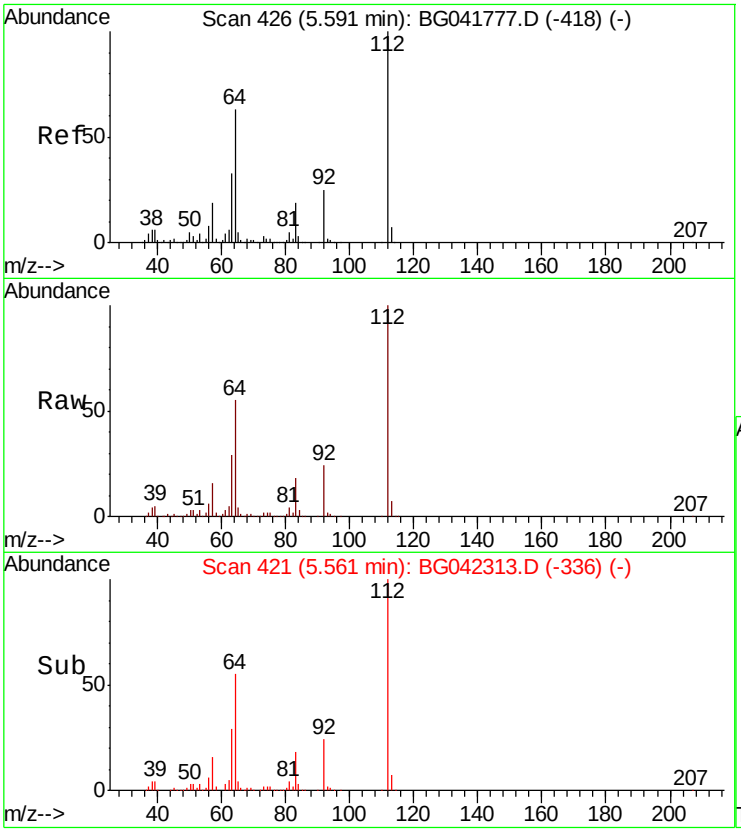


#2
1,4-Dioxane
Concen: 12.437 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion: 88 Resp: 19565

Ion	Ratio	Lower	Upper
88	100		
58	29.1	76.2	114.2#
43	2150.7	27.2	40.8#



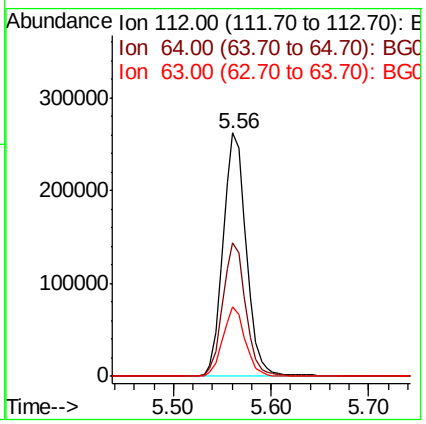


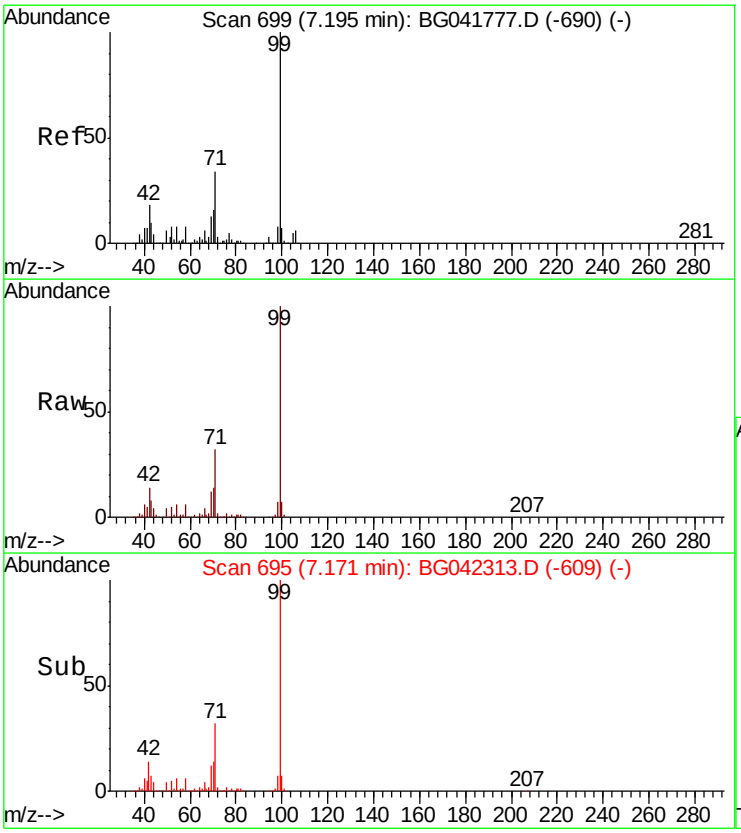
#5
2-Fluorophenol
Concen: 130.019 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:112 Resp: 434559

Ion	Ratio	Lower	Upper
112	100		
64	55.0	55.4	83.2#
63	28.6	29.1	43.7#

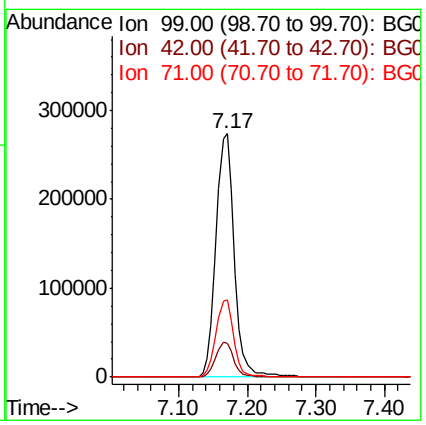


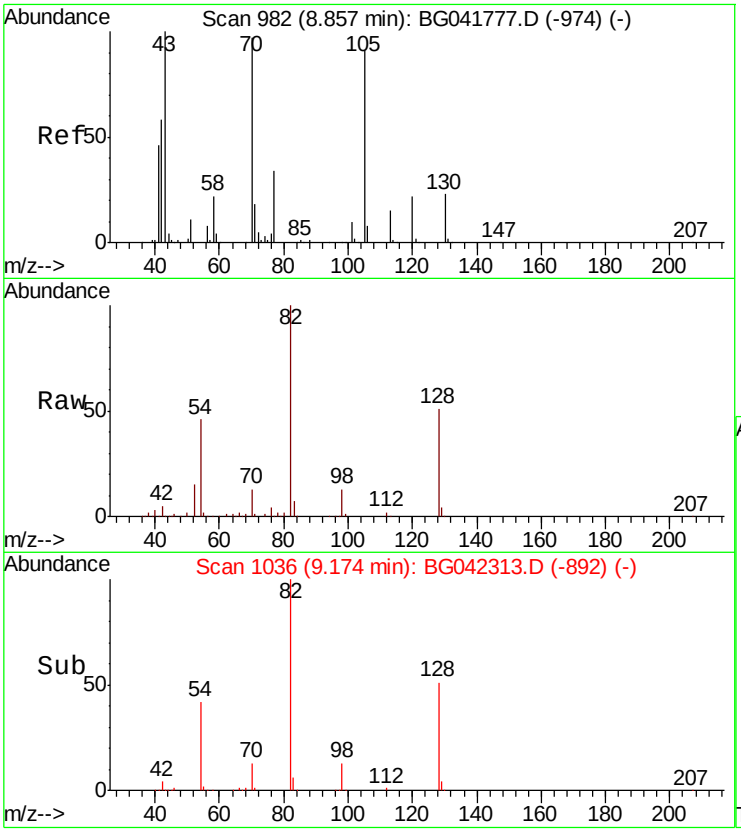


#7
Phenol-d6
Concen: 112.721 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion: 99 Resp: 507911

Ion	Ratio	Lower	Upper
99	100		
42	13.9	17.6	26.4#
71	31.5	27.8	41.6



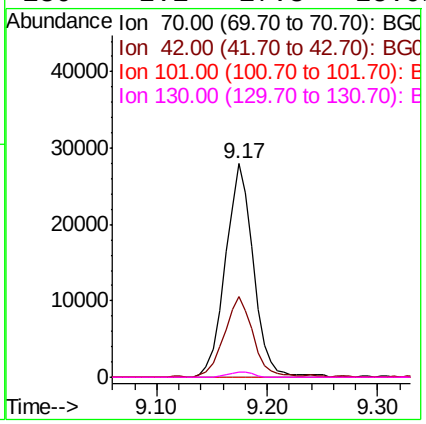


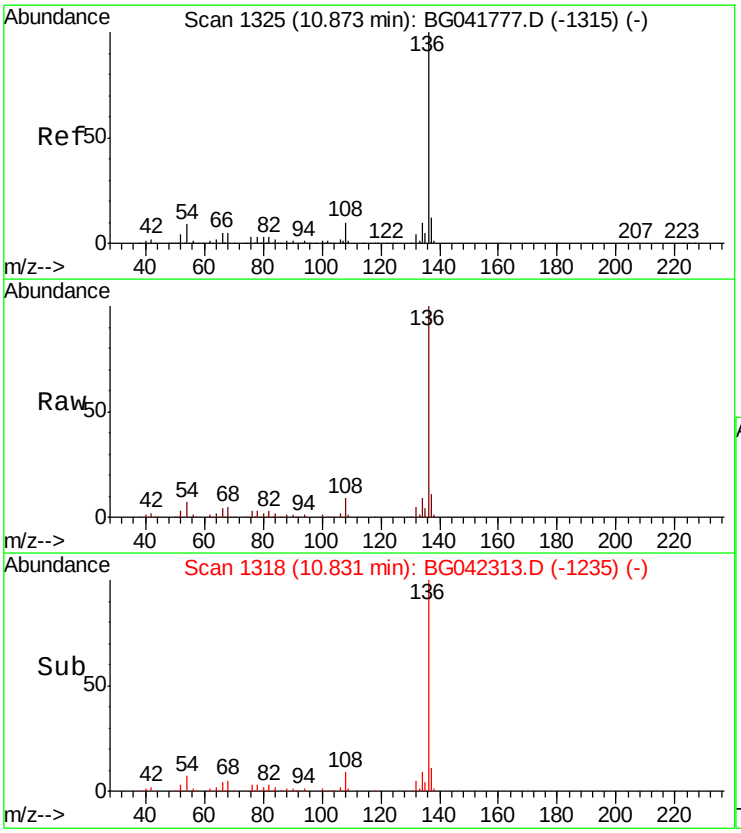
#19
n-Nitroso-di-n-propylamine
Concen: 15.120 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion: 70 Resp: 49462

Ion	Ratio	Lower	Upper
70	100		
42	37.6	55.8	83.6#
101	0.0	8.1	12.1#
130	2.1	17.3	25.9#

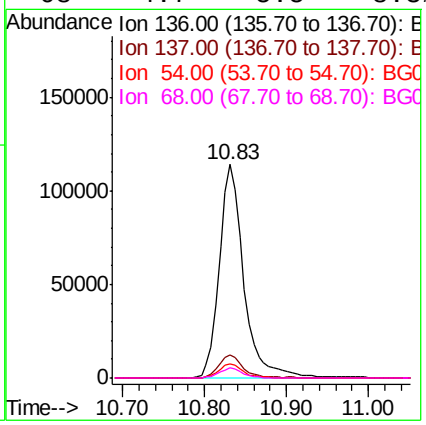


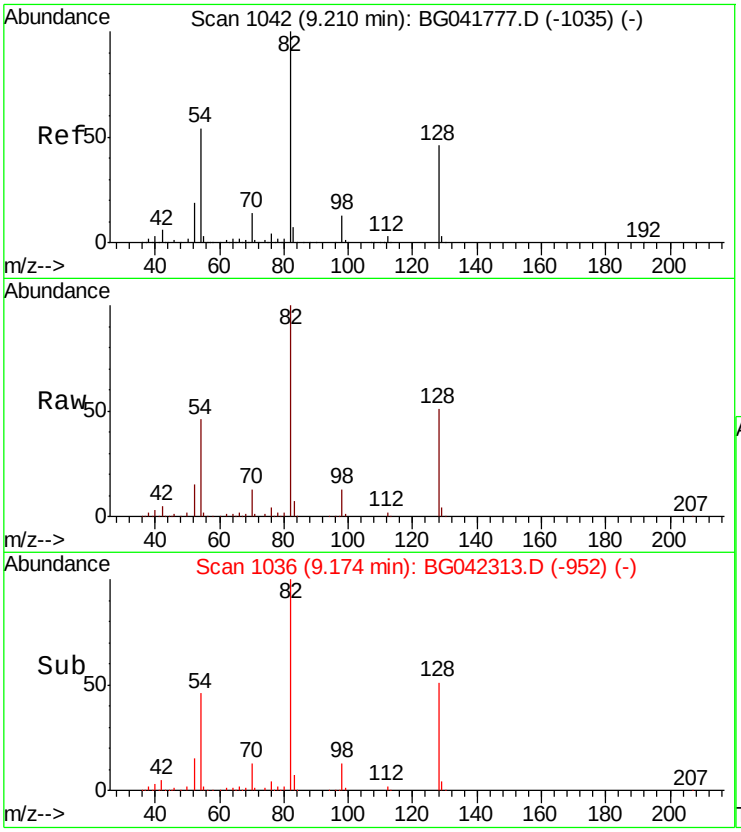


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion:136 Resp: 237611

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.8	8.7	13.1#
68	4.7	5.5	8.3#



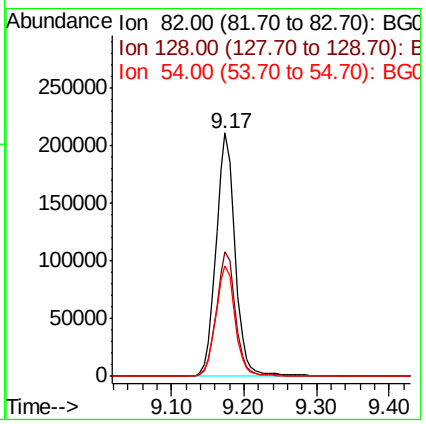


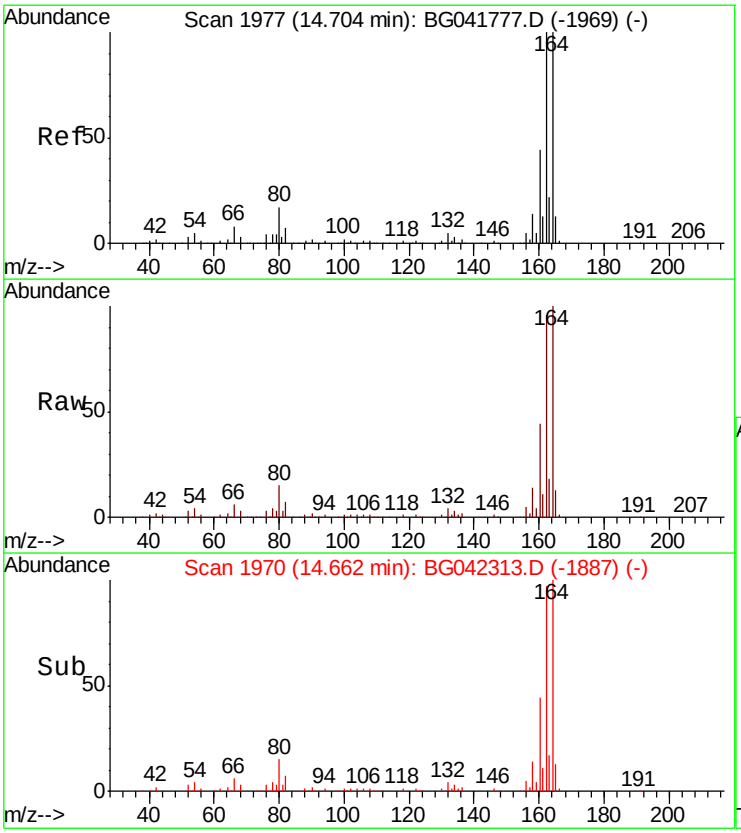
#23
Nitrobenzene-d5
Concen: 112.079 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion: 82 Resp: 386992

Ion	Ratio	Lower	Upper
82	100		
128	51.0	35.1	52.7
54	45.6	48.7	73.1#

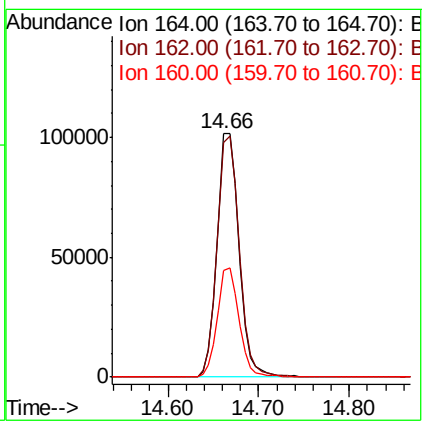


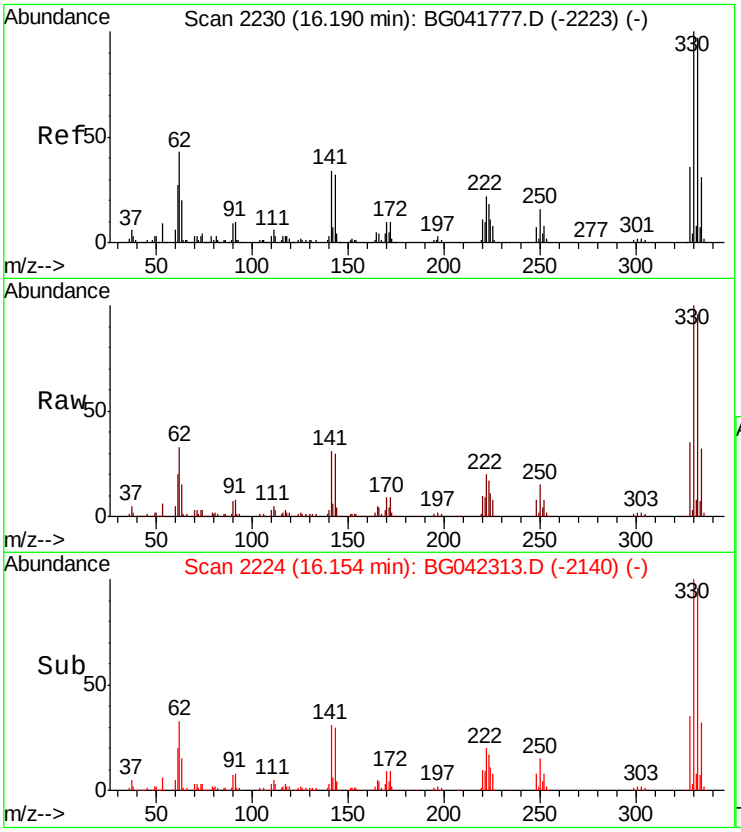


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion:164 Resp: 170575

Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.6	119.4
160	44.0	35.4	53.0



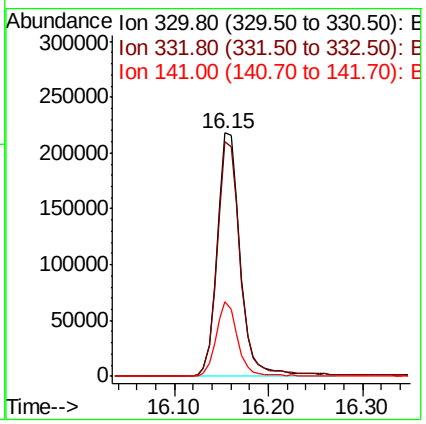


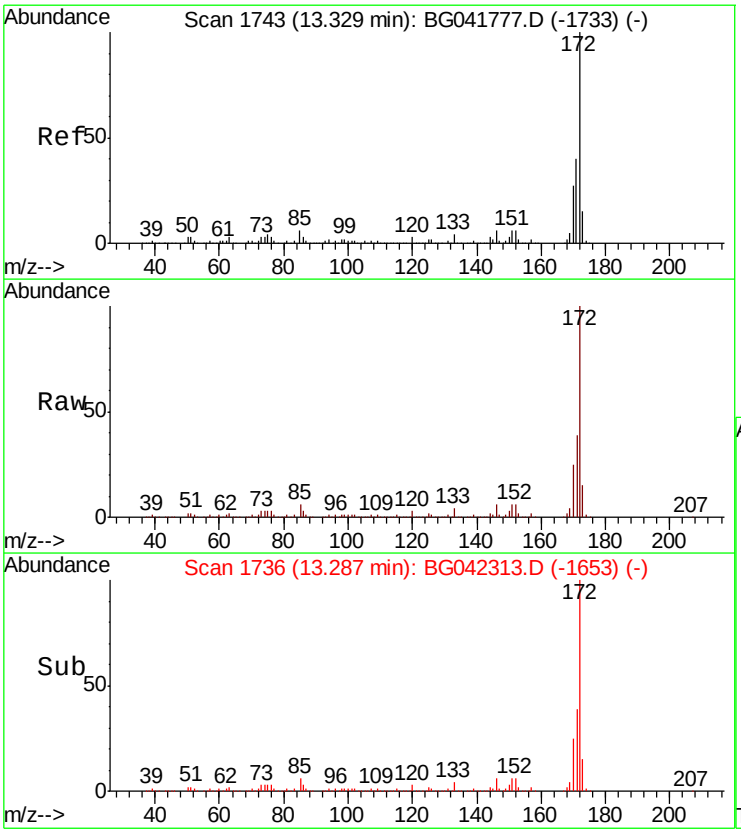
#42
2,4,6-Tribromophenol
Concen: 193.388 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:330 Resp: 374689

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	29.2	31.9	47.9#

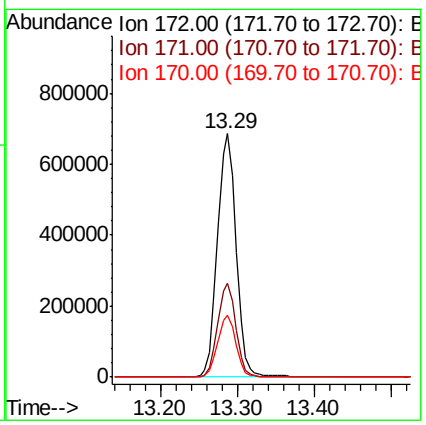


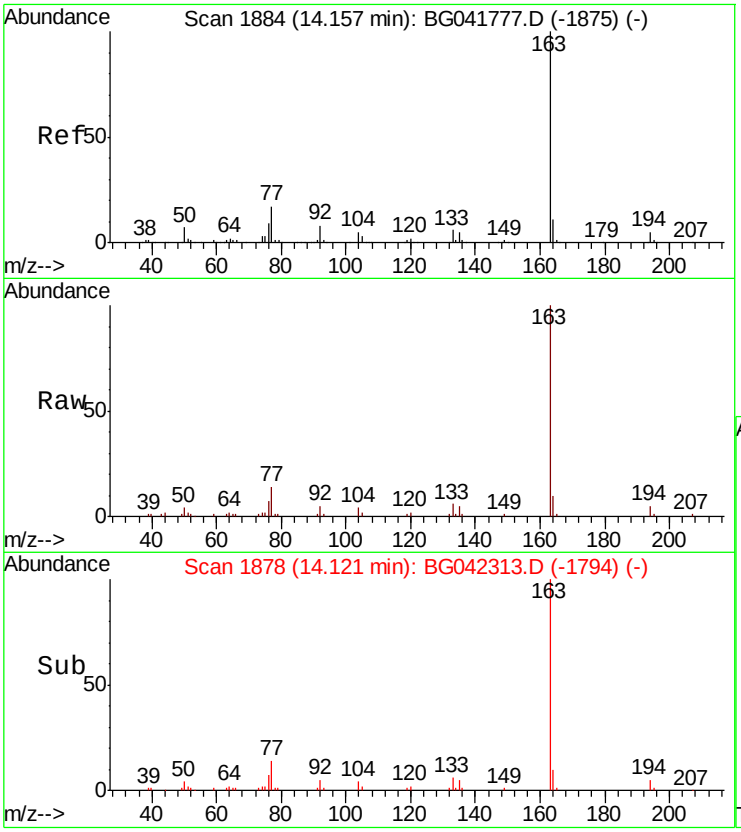


#45
2-Fluorobiphenyl
Concen: 119.333 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion:172 Resp: 1154103

Ion	Ratio	Lower	Upper
172	100		
171	38.7	35.0	52.4
170	25.2	23.5	35.3



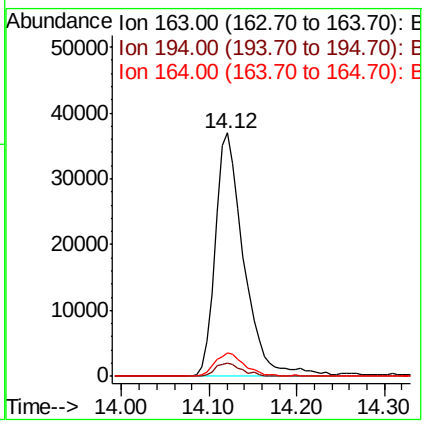


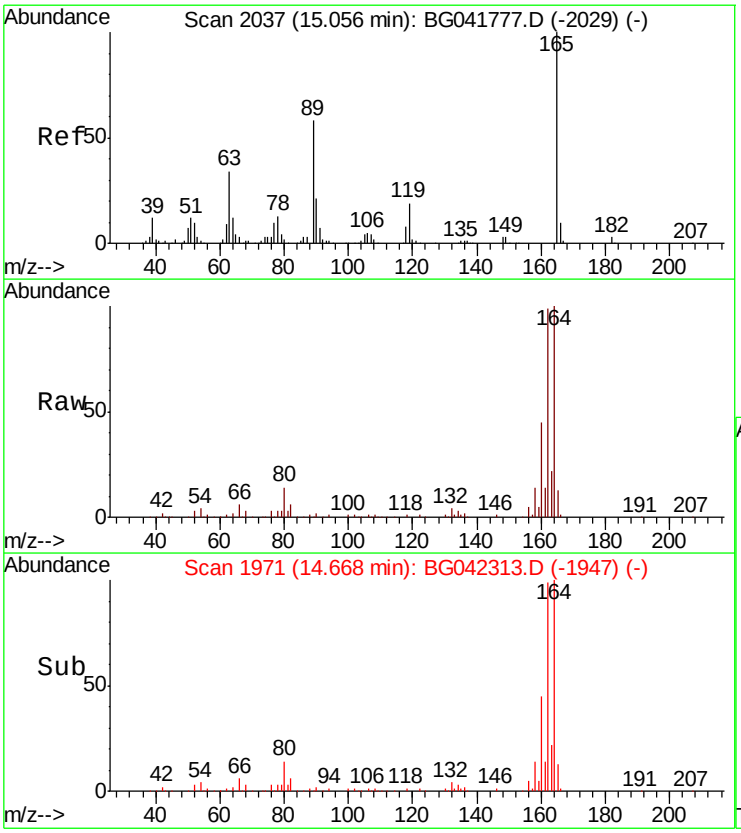
#50
Dimethylphthalate
Concen: 7.154 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:163 Resp: 83339

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	9.8	9.4	14.2

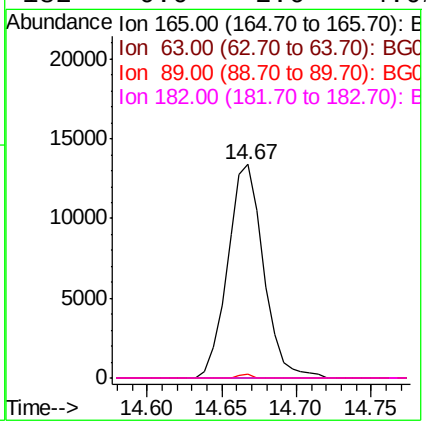


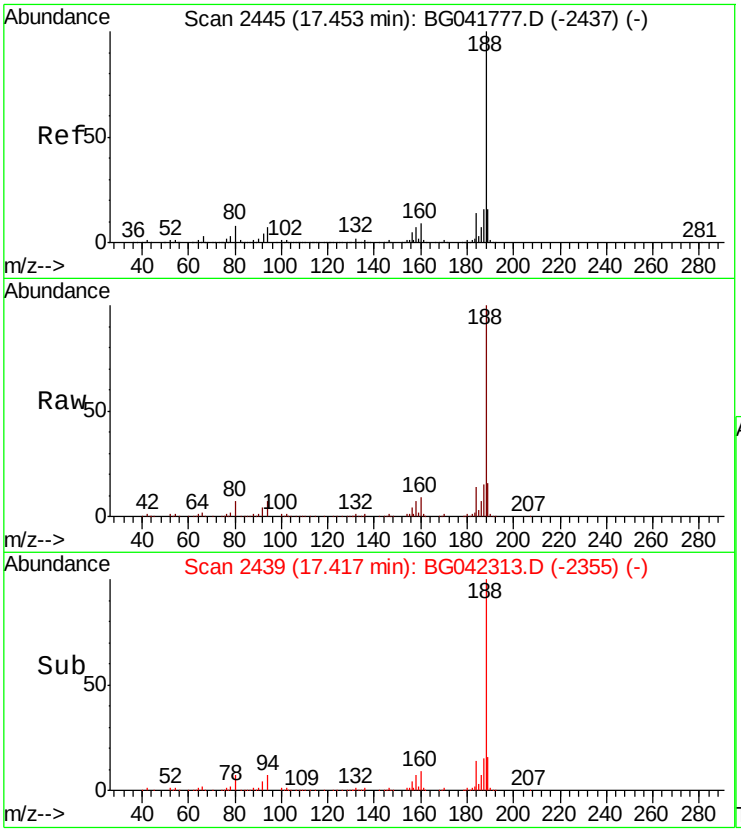


#57
2,4-Dinitrotoluene
Concen: 6.680 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.39 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion:165 Resp: 22377

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.5	50.2	75.4#
182	0.0	2.6	4.0#



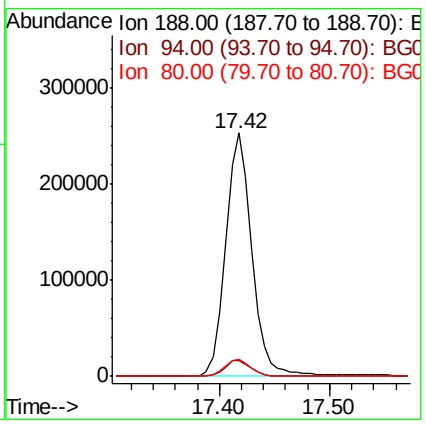


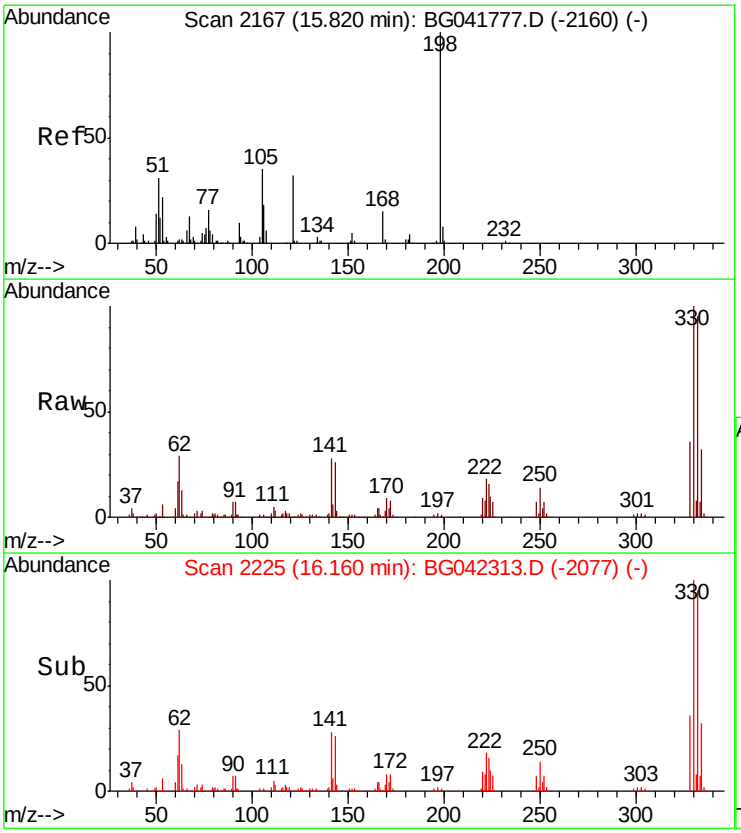
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:188 Resp: 421080

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	6.9	8.0	12.0#

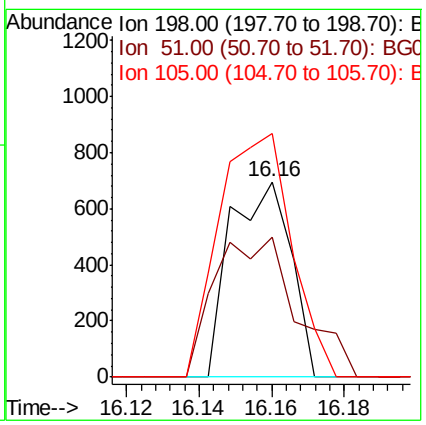


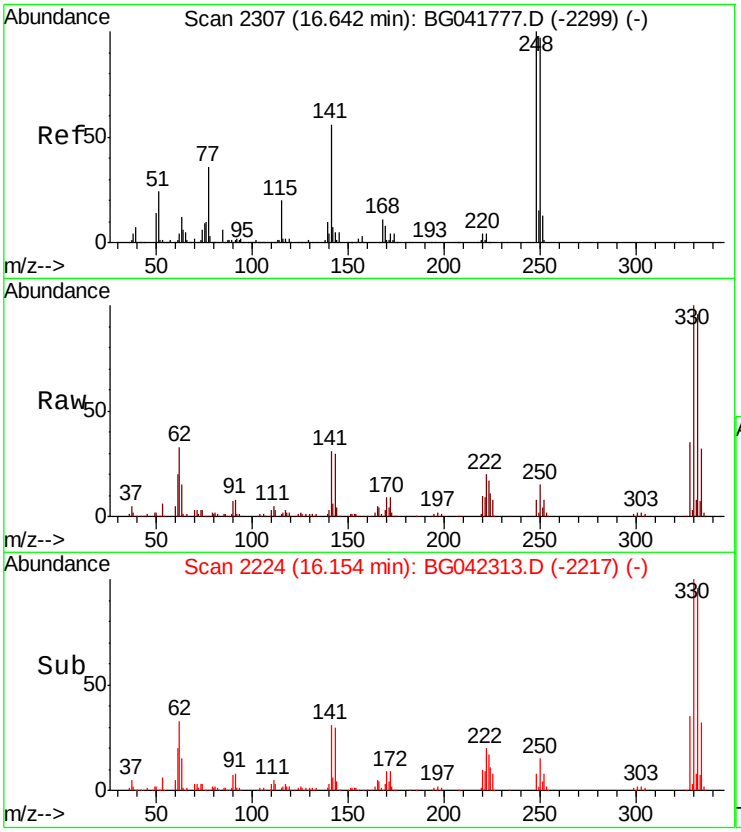


#65
4,6-Dinitro-2-methylphenol
Concen: 7.186 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.34 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion:198 Resp: 802

Ion	Ratio	Lower	Upper
198	100		
51	71.8	22.3	62.3#
105	124.9	18.0	58.0#



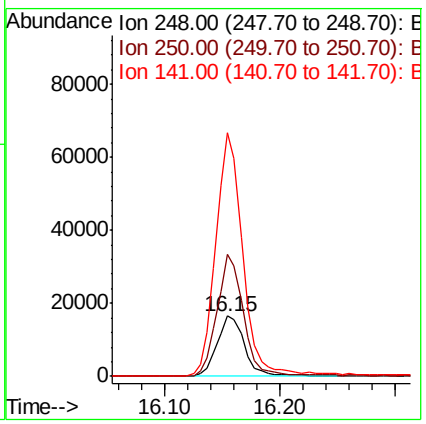


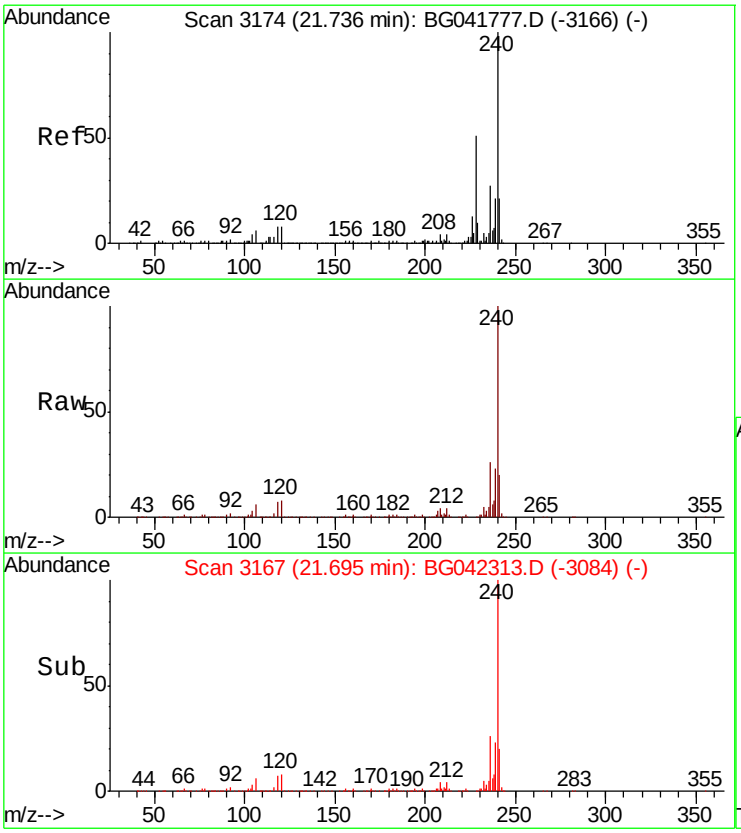
#67
4-Bromophenyl-phenylether
Concen: 5.255 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.49 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:248 Resp: 27257

Ion	Ratio	Lower	Upper
248	100		
250	201.9	78.1	117.1#
141	404.6	49.6	74.4#

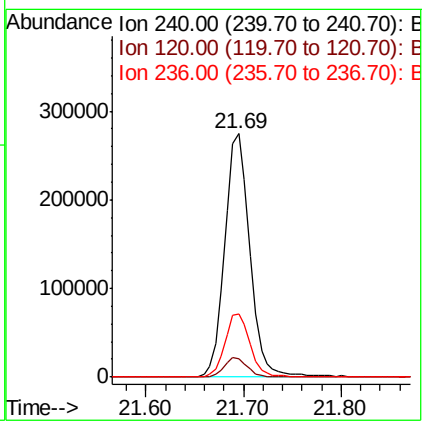


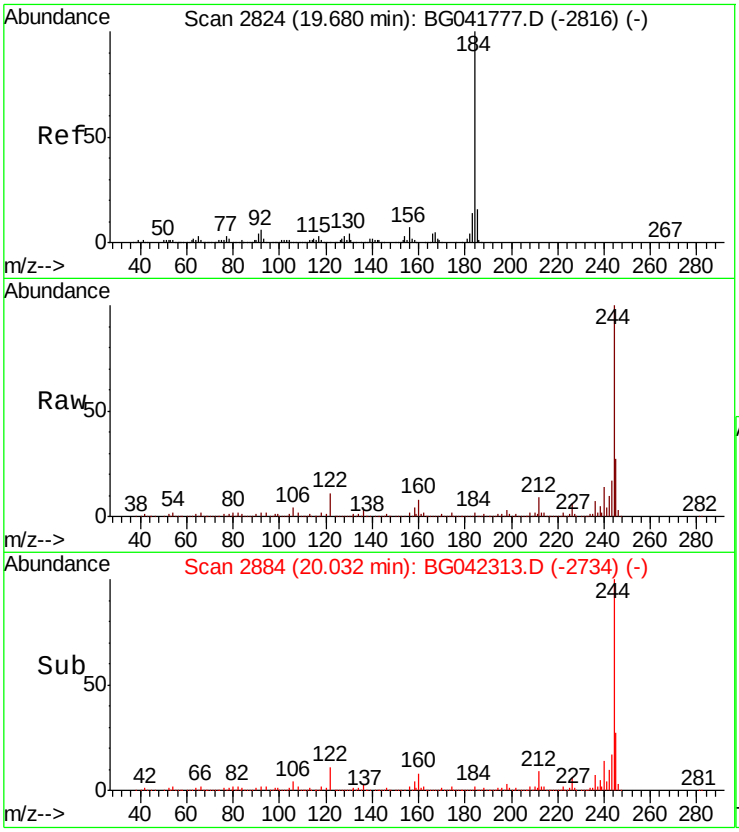


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion:240 Resp: 491024

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.0	12.0#
236	26.2	22.6	33.8



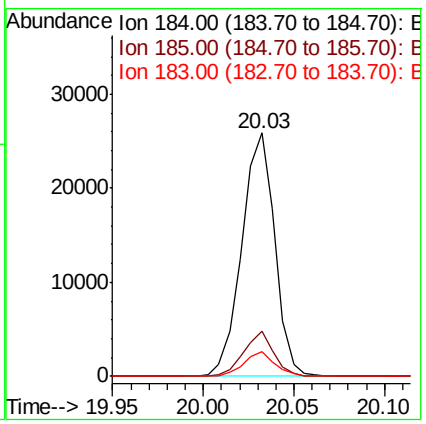


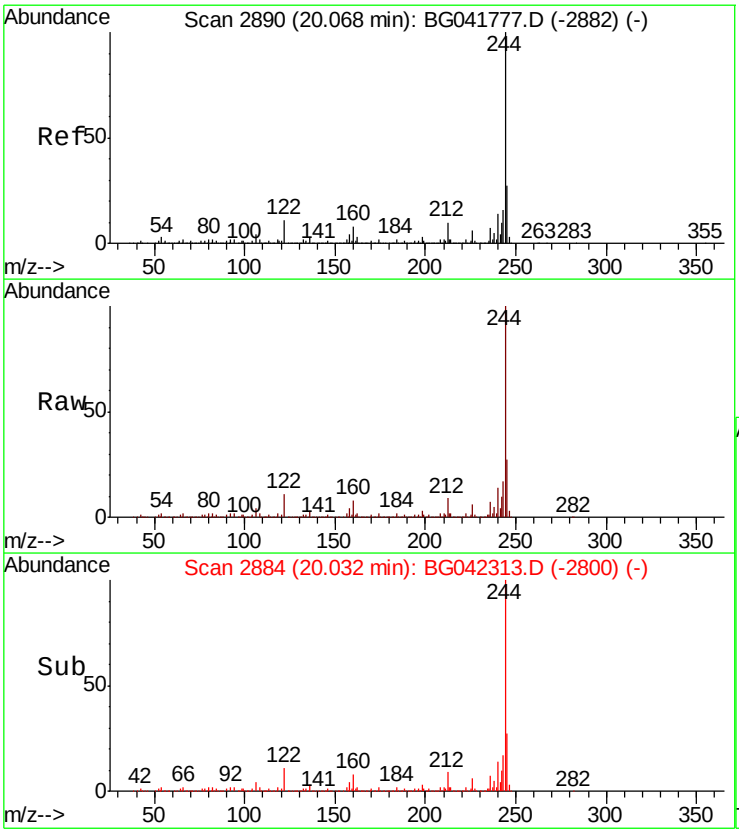
#77
Benzidine
Concen: 2.035 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.35 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:184 Resp: 32614

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.0	19.4
183	10.4	11.8	17.6#

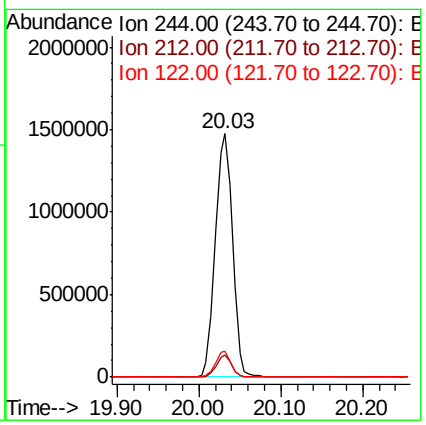


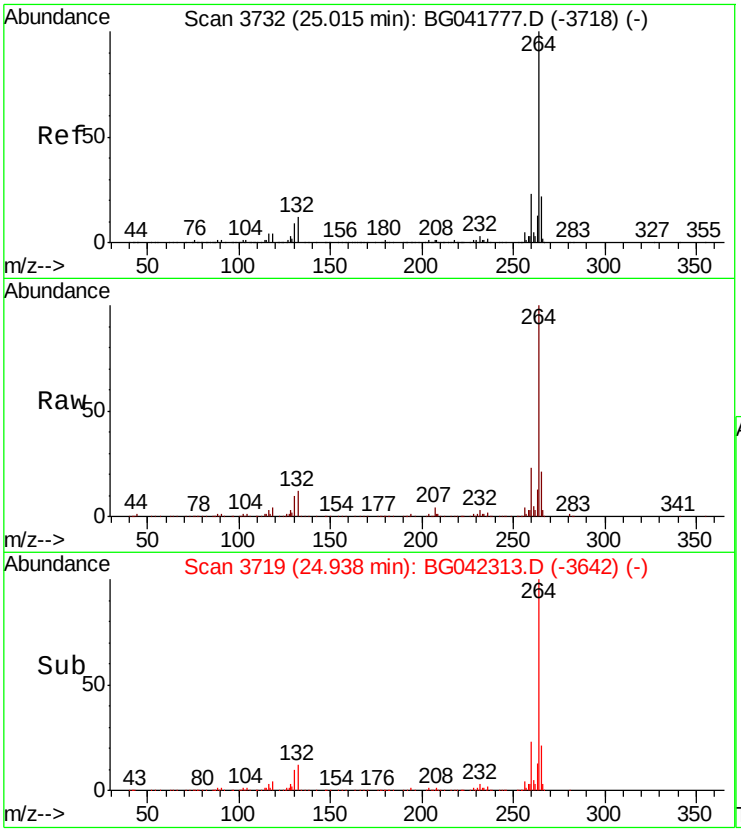


#79
Terphenyl-d14
Concen: 101.476 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion:244 Resp: 2177507

Ion	Ratio	Lower	Upper
244	100		
212	9.4	9.7	14.5#
122	10.8	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: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tgt Ion:264 Resp: 556473

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.4	18.0	27.0