Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041122.D
Acq On : 8 Jun 2019 6:39
Operator : HP/JU
Sample : K3191-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CULVER-CBTC-TP1-060419

Quant Time: Jun 08 18:23:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38083	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	160991	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	122687	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	313764	20.00	ng		0.00
76) Chrysene-d12	21.76	240	321300	20.00	ng		0.00
87) Perylene-d12	25.08	264	347448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	120877	57.23	ng		0.00
7) Phenol-d6	7.24	99	116350	35.67	ng		0.00
23) Nitrobenzene-d5	9.28	82	296039	81.63	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	240118	131.83	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	736383	86.44	ng		0.00
79) Terphenyl-d14	20.08	244	1308280	86.42	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	41980	16.725	ng	#	83
32) Benzoic acid	10.17	122	389	8.295	ng		98
50) Dimethylphthalate	14.18	163	27527	2.651	ng	#	96
57) 2,4-Dinitrotoluene	14.73	165	15777	4.988	ng	#	21
65) 4,6-Dinitro-2-methylphenol	16.22	198	967	9.062	ng	#	1
67) 4-Bromophenyl-phenylether	16.22	248	17945	4.238	ng	#	1
77) Benzidine	20.08	184	22361	2.917	ng	#	91

(#) = 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
QLast Update : Sat Jun 08 17:33:39 2019
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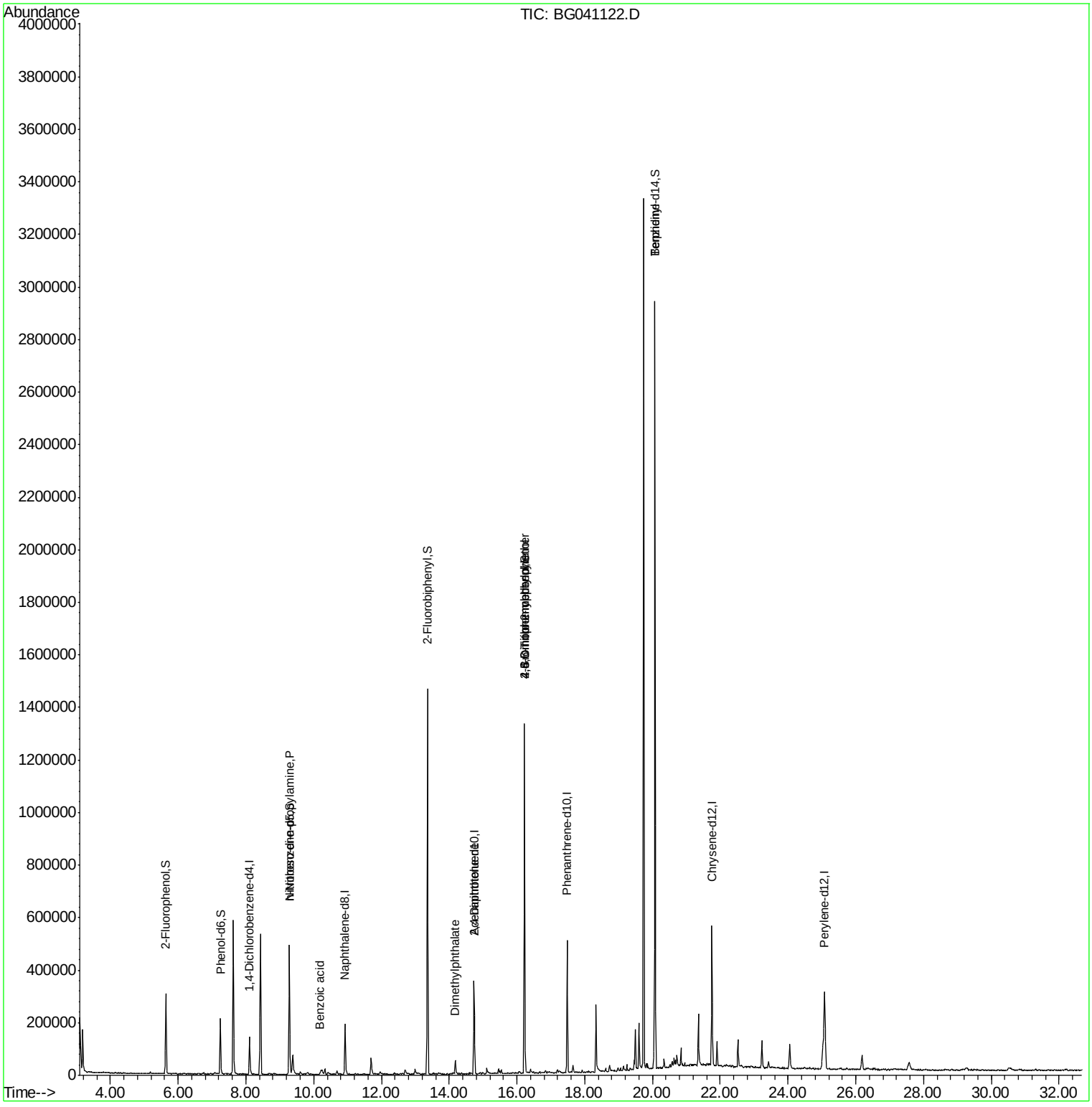
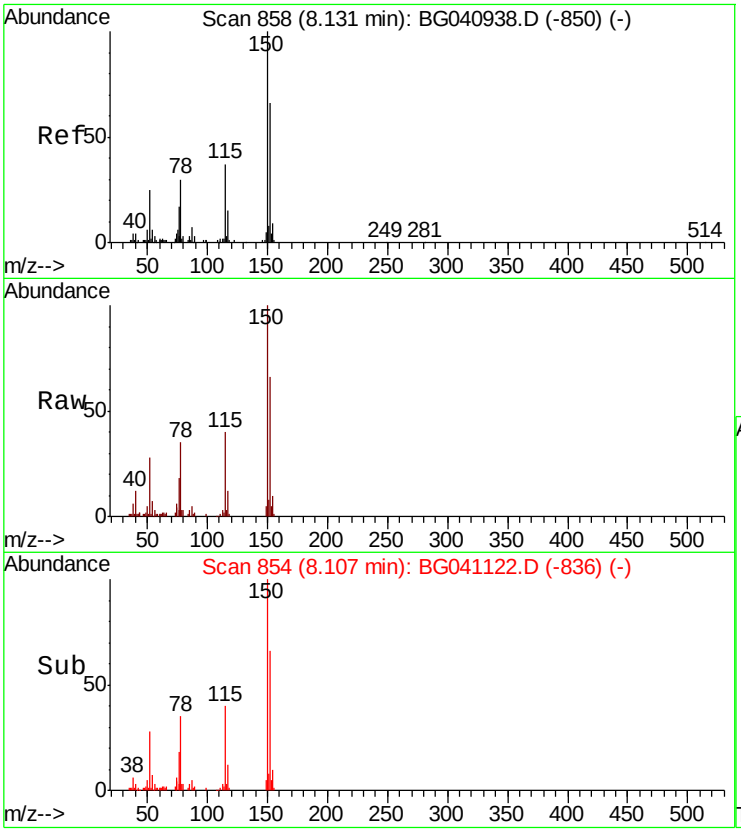


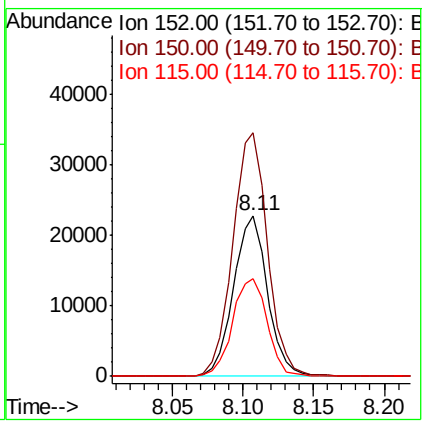


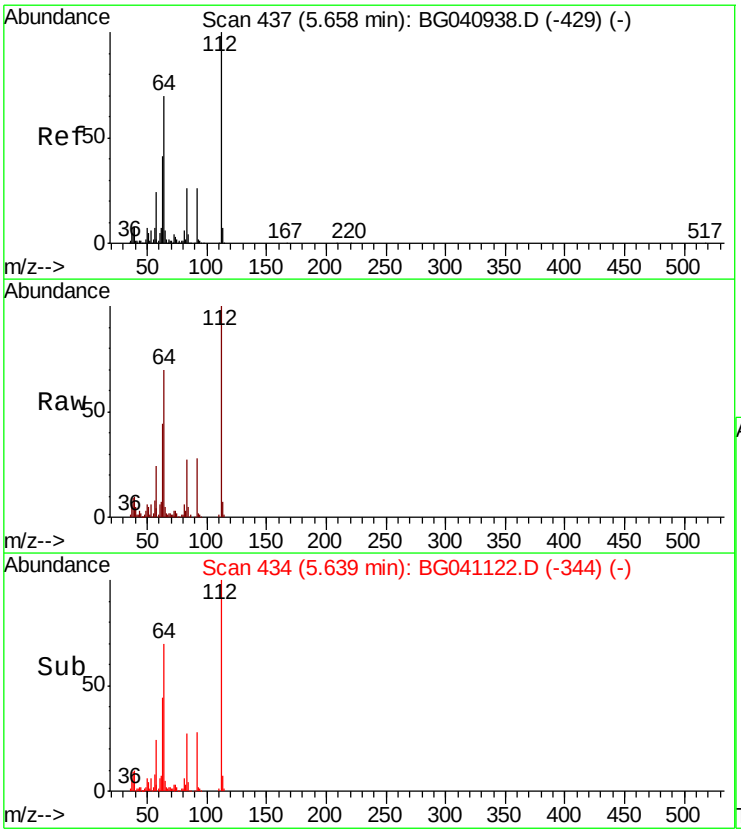
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:152 Resp: 38083

Ion	Ratio	Lower	Upper
152	100		
150	151.6	111.7	167.5
115	61.0	48.6	73.0

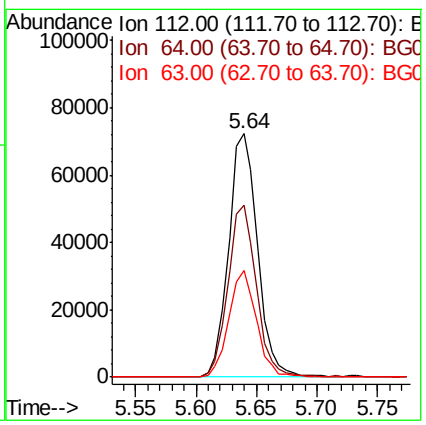


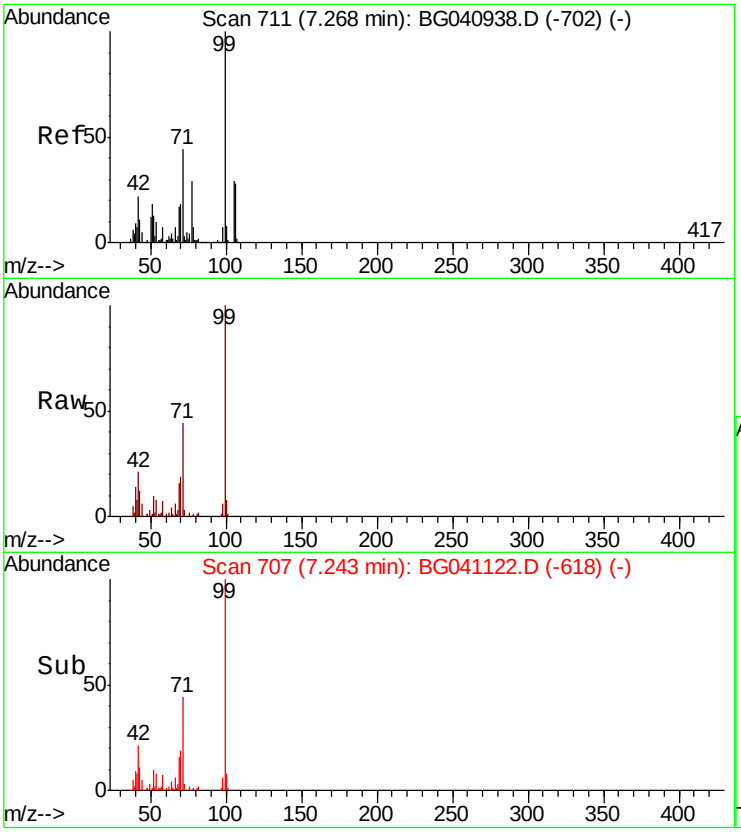


#5
2-Fluorophenol
Concen: 57.235 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion:112 Resp: 120877

Ion	Ratio	Lower	Upper
112	100		
64	70.5	54.5	81.7
63	44.0	32.2	48.2



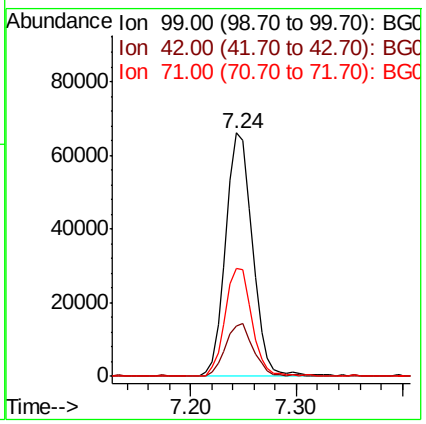


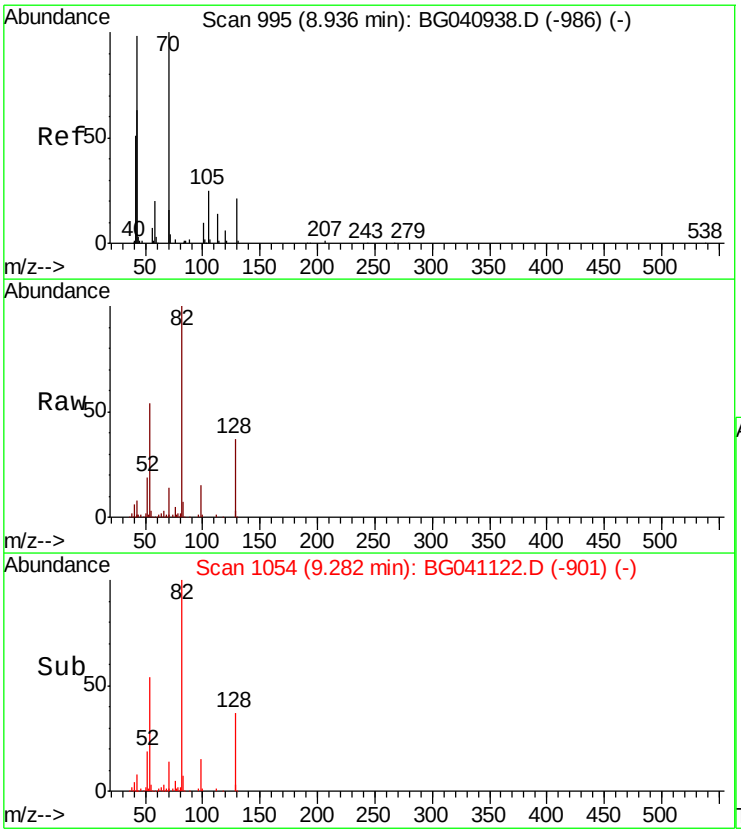
#7
Phenol-d6
Concen: 35.672 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion: 99 Resp: 116350

Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.8	28.2
71	44.4	35.6	53.4

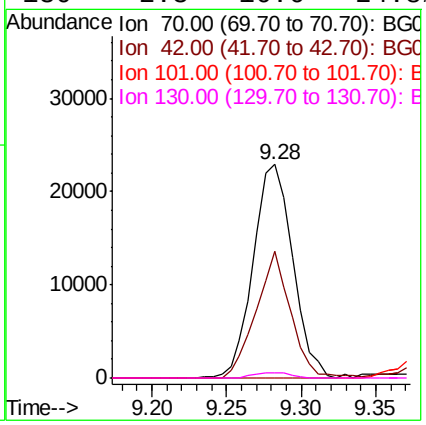


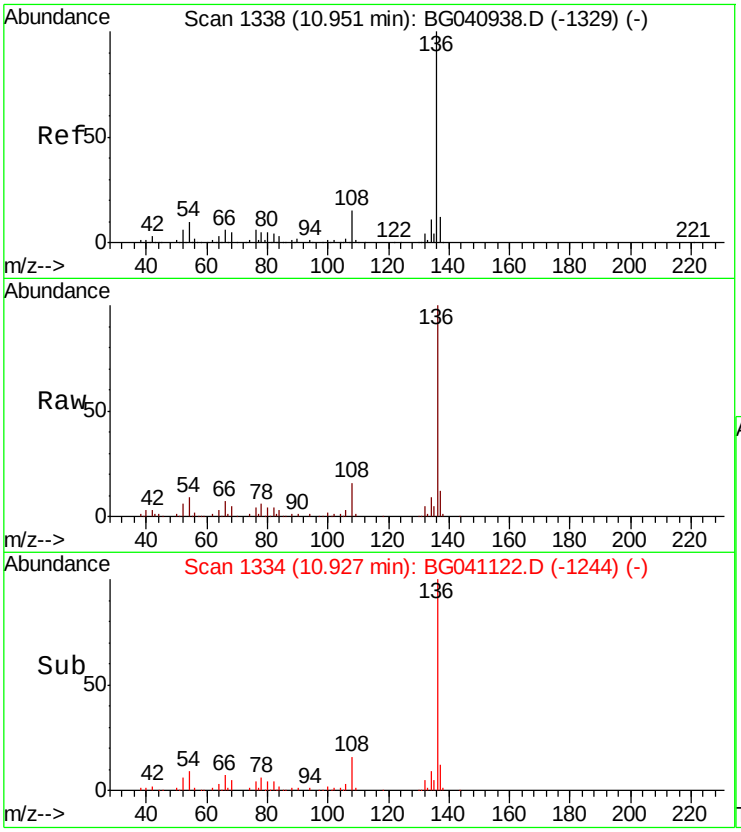


#19
n-Nitroso-di-n-propylamine
Concen: 16.725 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion: 70 Resp: 41980

Ion	Ratio	Lower	Upper
70	100		
42	59.6	53.1	79.7
101	0.0	8.0	12.0#
130	2.3	16.6	24.8#



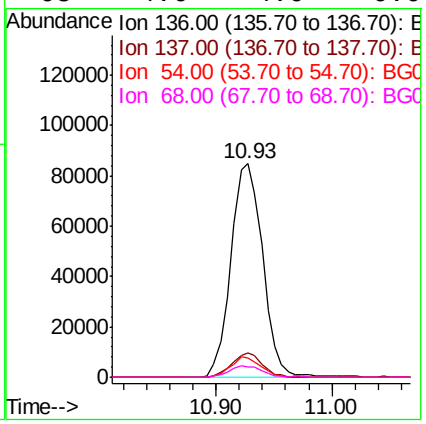


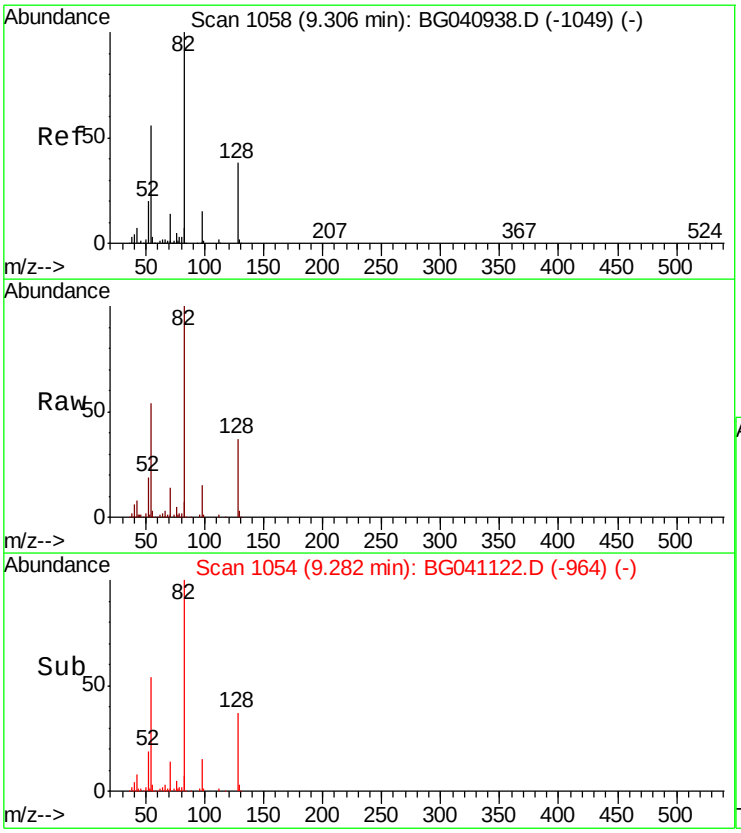
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:136 Resp: 160991

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.2	7.4	11.2
68	4.6	4.0	6.0

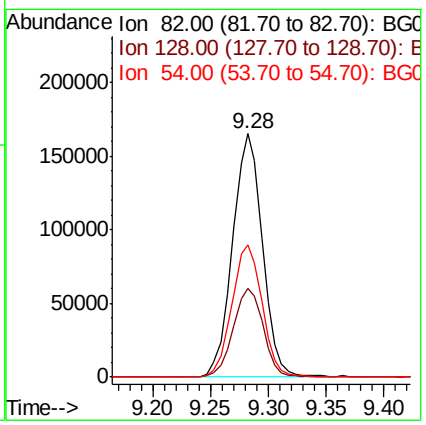


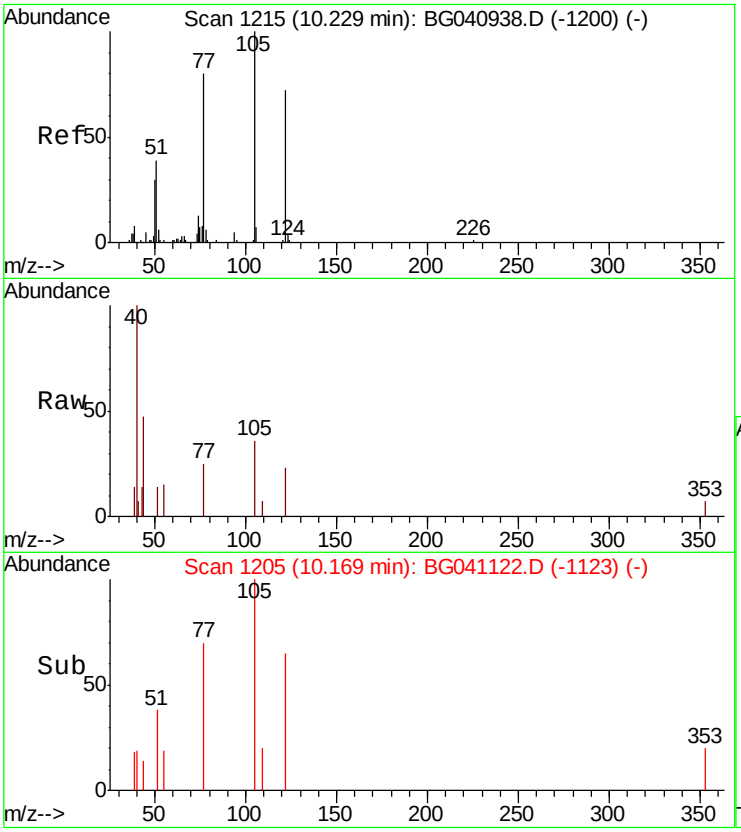


#23
Nitrobenzene-d5
Concen: 81.633 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion: 82 Resp: 296039

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.8	44.6
54	54.1	43.6	65.4



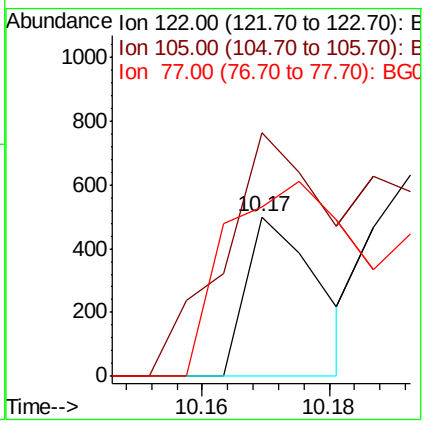


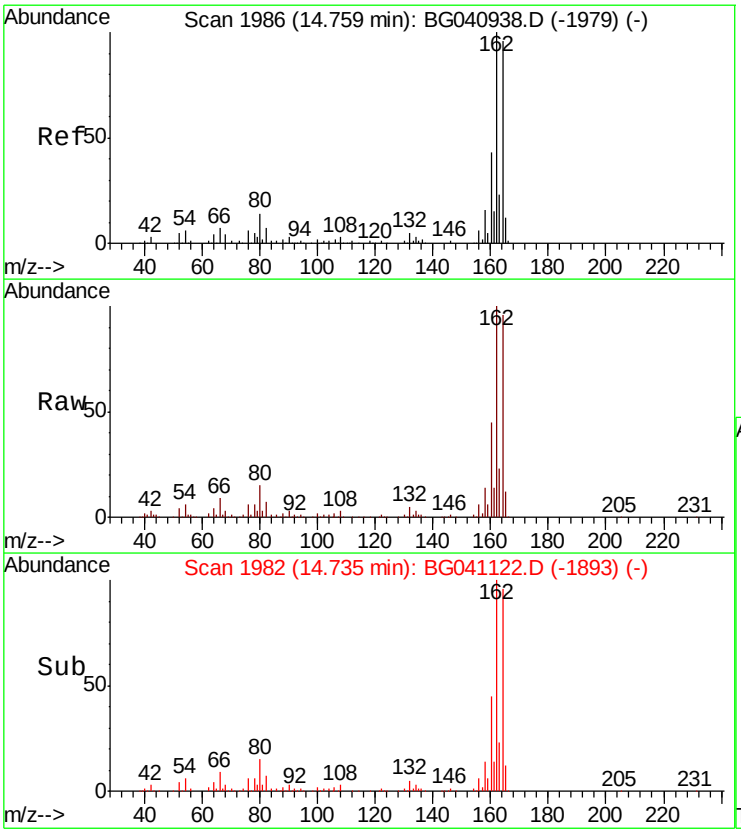
#32
Benzoic acid
Concen: 8.295 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.05 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:122 Resp: 389

Ion	Ratio	Lower	Upper
122	100		
105	152.9	134.0	174.0
77	106.6	91.5	131.5

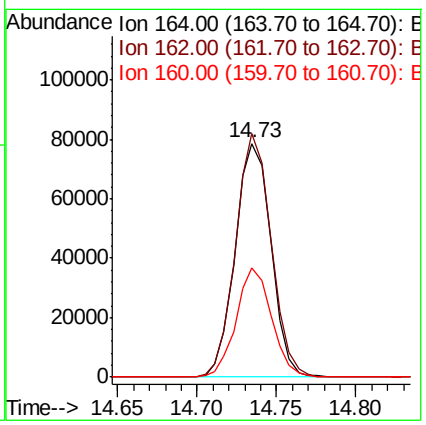


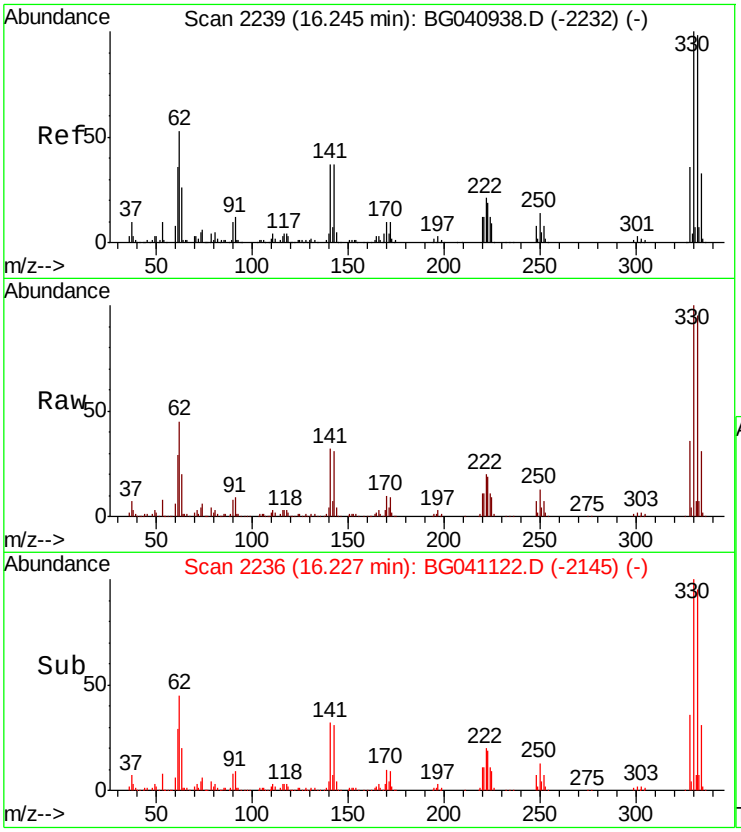


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion:164 Resp: 122687

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.0
160	46.7	37.1	55.7



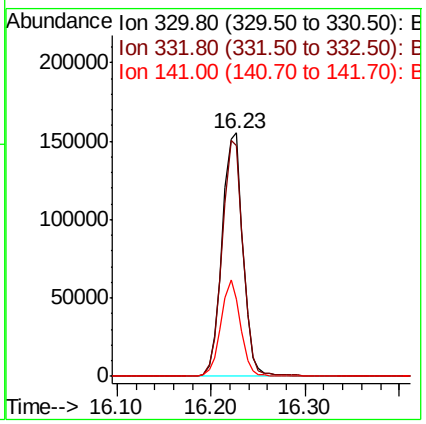


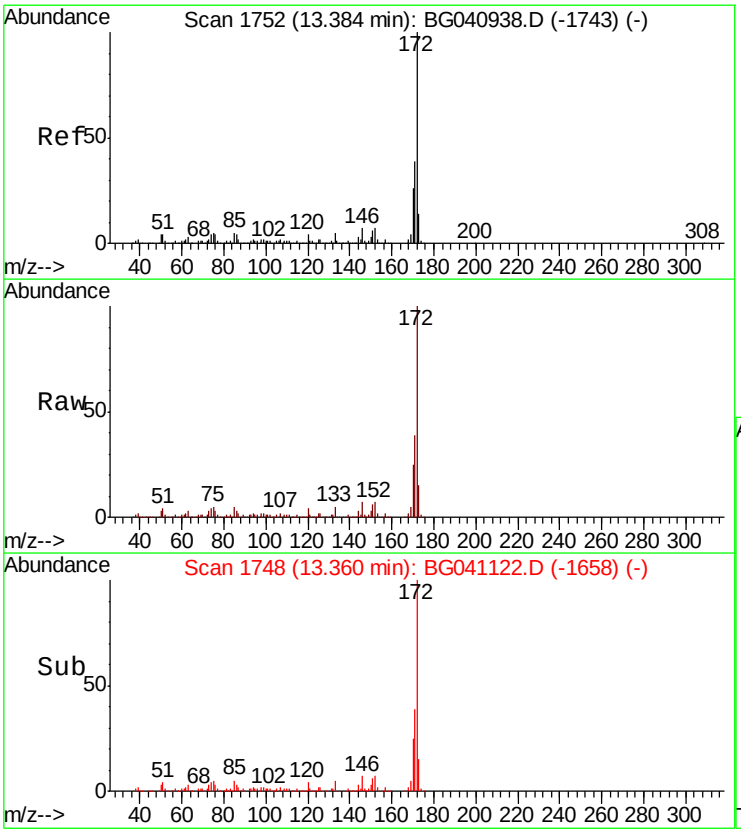
#42
2,4,6-Tribromophenol
Concen: 131.833 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:330 Resp: 240118

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	37.0	29.0	43.4

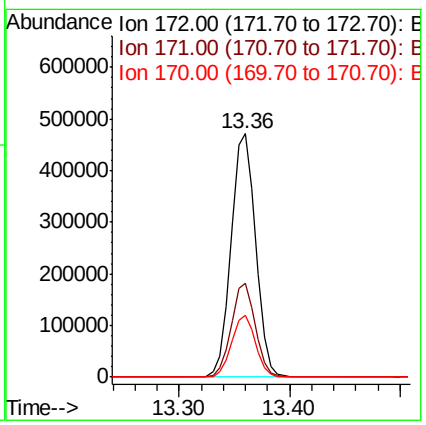


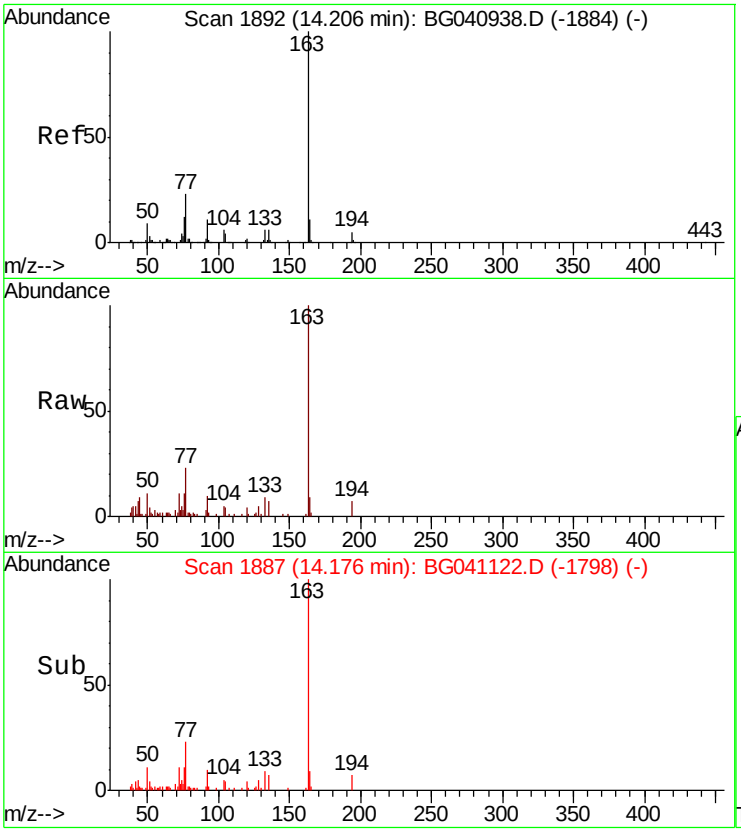


#45
2-Fluorobiphenyl
Concen: 86.437 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion:172 Resp: 736383

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.5	21.3	31.9



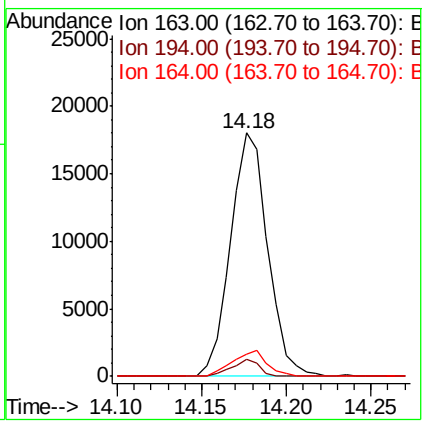


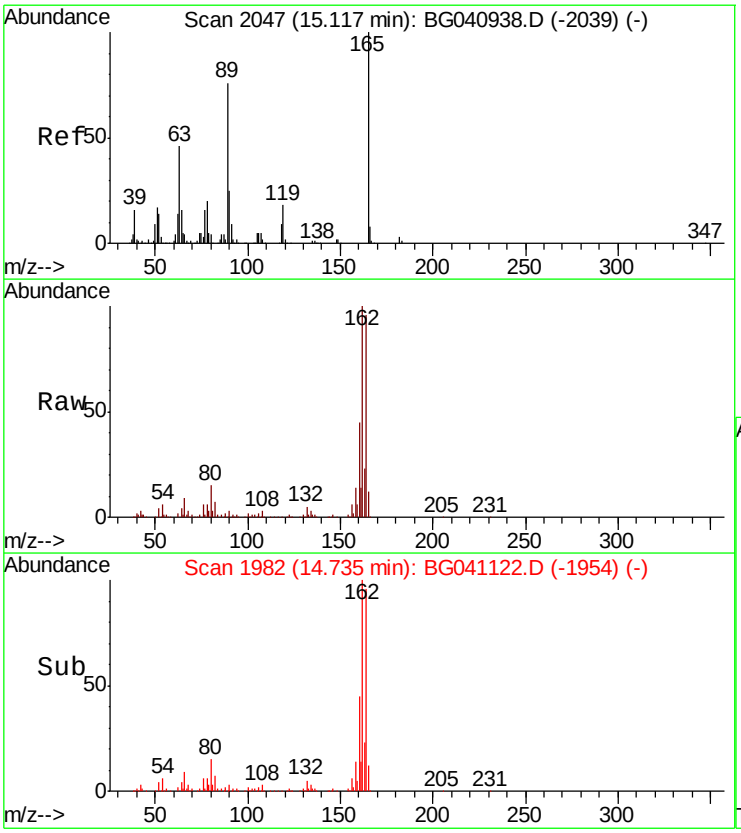
#50
Dimethylphthalate
Concen: 2.651 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:163 Resp: 27527

Ion	Ratio	Lower	Upper
163	100		
194	7.1	3.8	5.6#
164	9.3	8.3	12.5

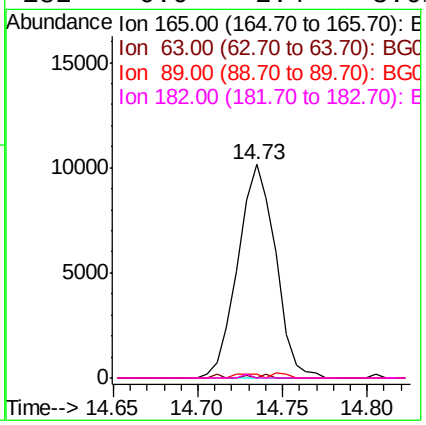


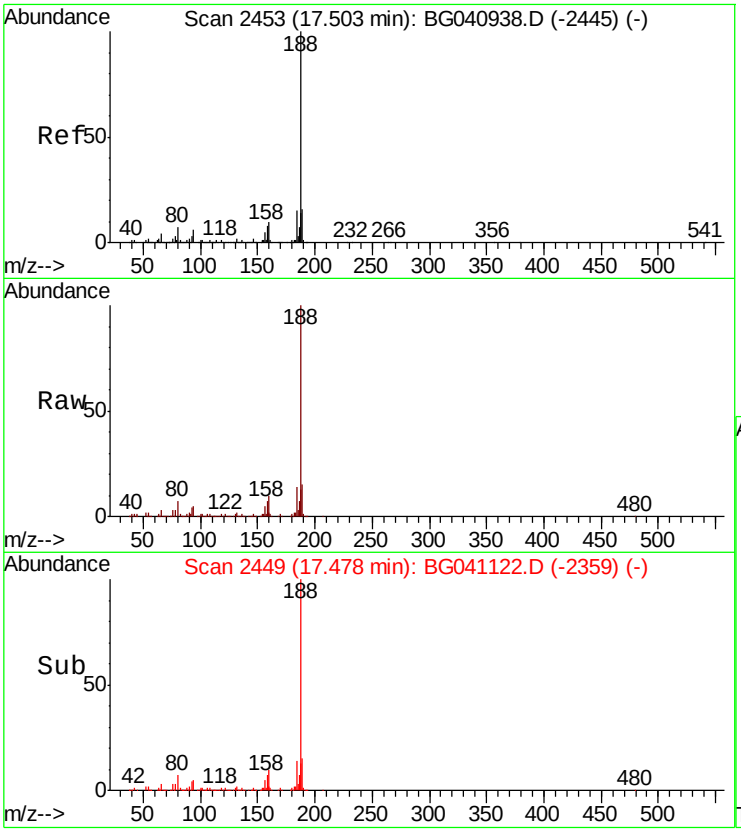


#57
2,4-Dinitrotoluene
Concen: 4.988 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.37 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion:165 Resp: 15777

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.1	57.1#
89	1.5	60.7	91.1#
182	0.0	2.4	3.6#



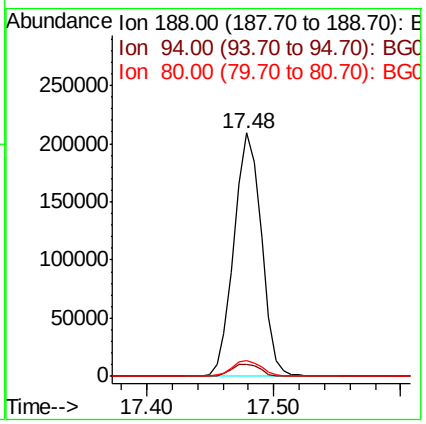


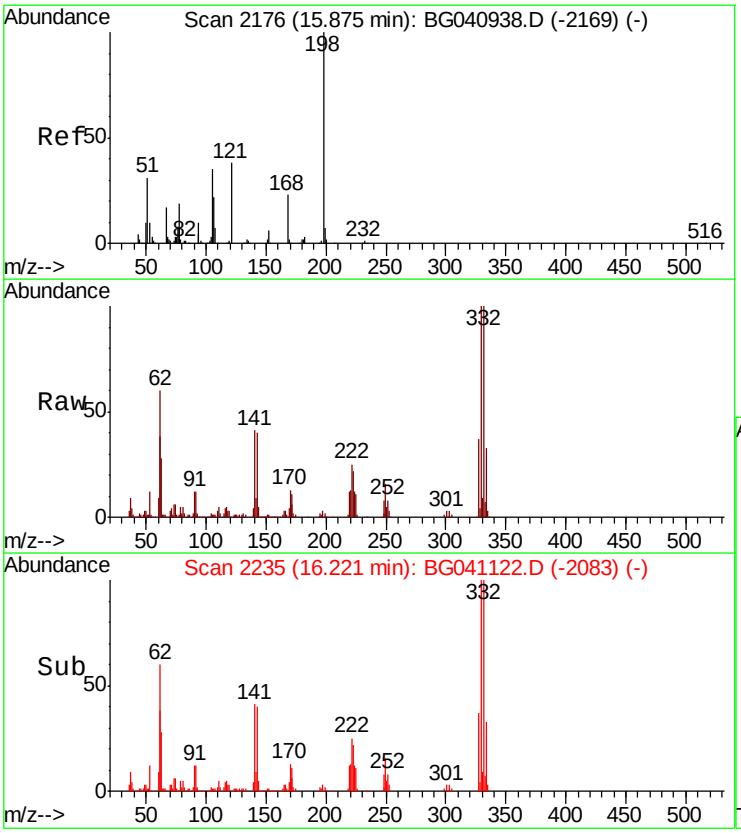
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:188 Resp: 313764

Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.6	7.0
80	6.6	5.8	8.8

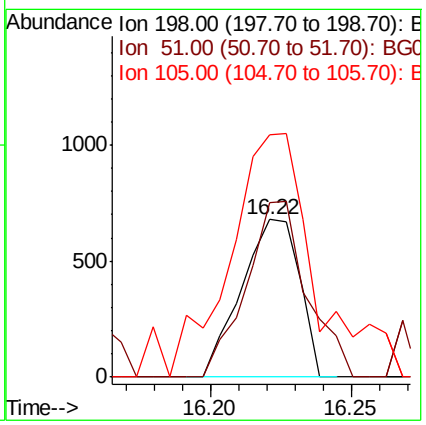


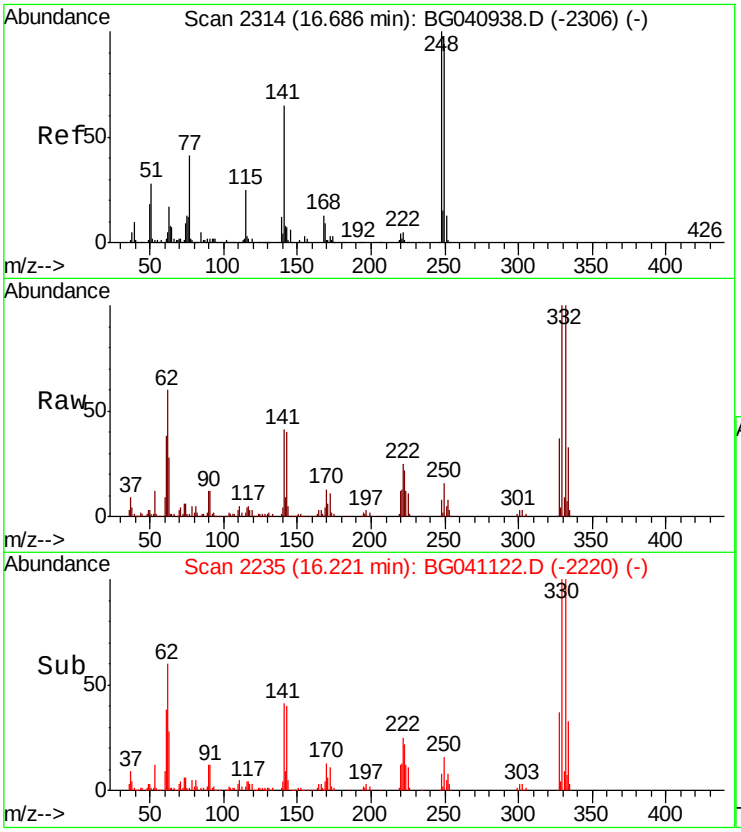


#65
4,6-Dinitro-2-methylphenol
Concen: 9.062 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.36 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion:198 Resp: 967

Ion	Ratio	Lower	Upper
198	100		
51	111.4	22.9	62.9#
105	154.0	19.1	59.1#



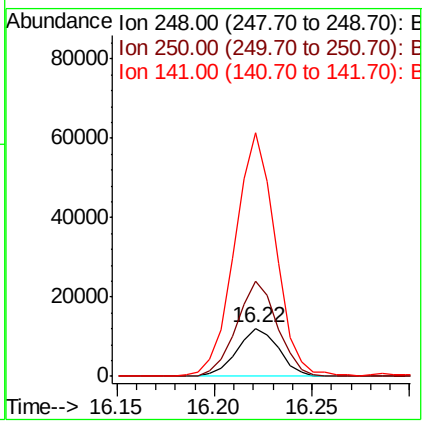


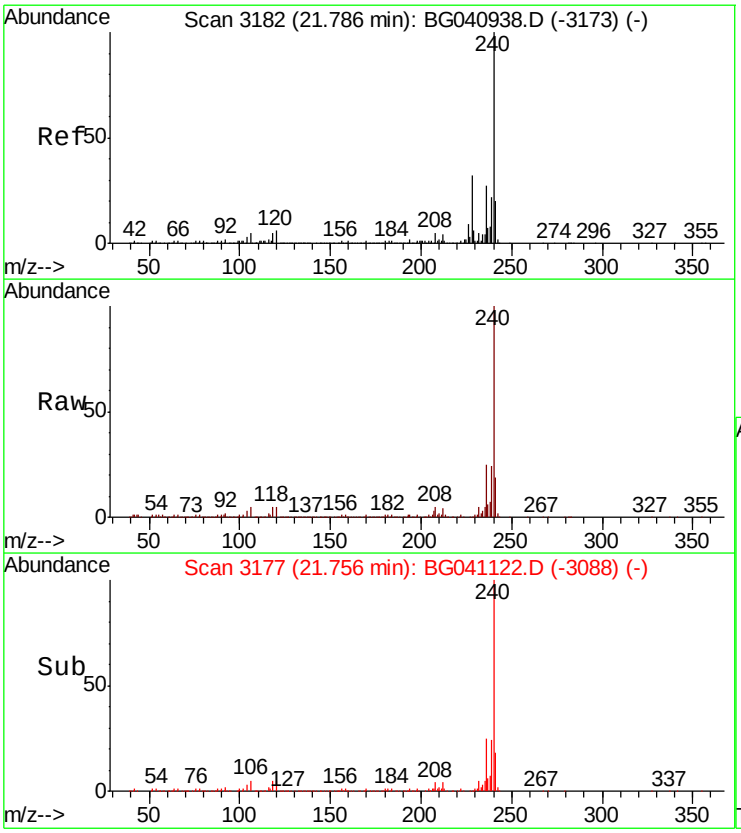
#67
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.44 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:248 Resp: 17945

Ion	Ratio	Lower	Upper
248	100		
250	197.2	80.9	121.3#
141	505.6	56.1	84.1#

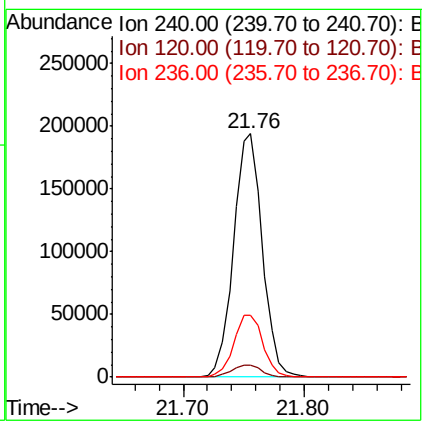


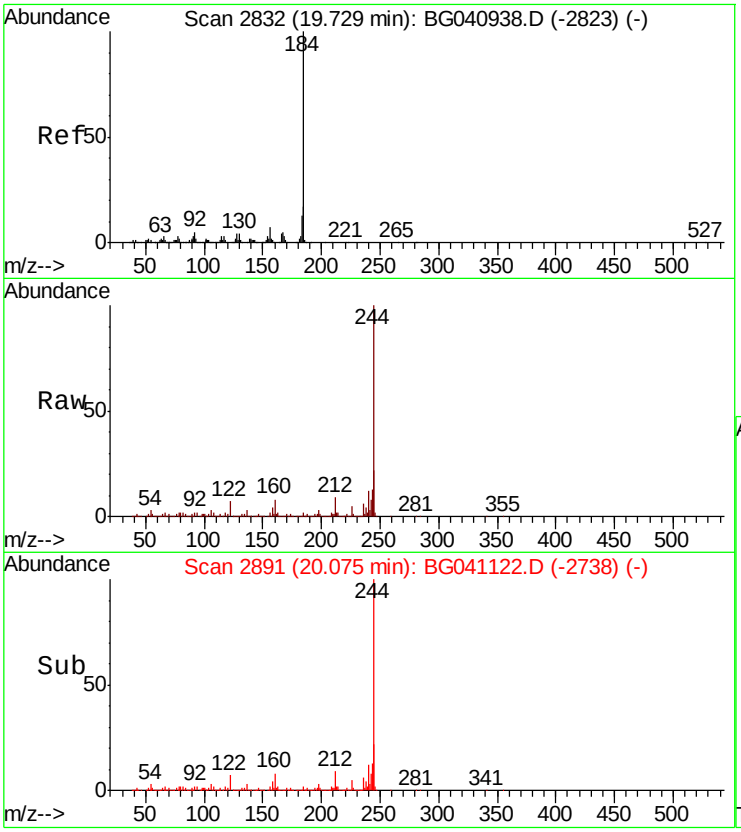


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion:240 Resp: 321300

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	6.8
236	25.4	20.6	31.0



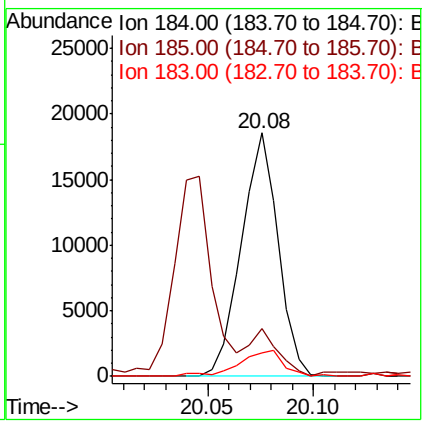


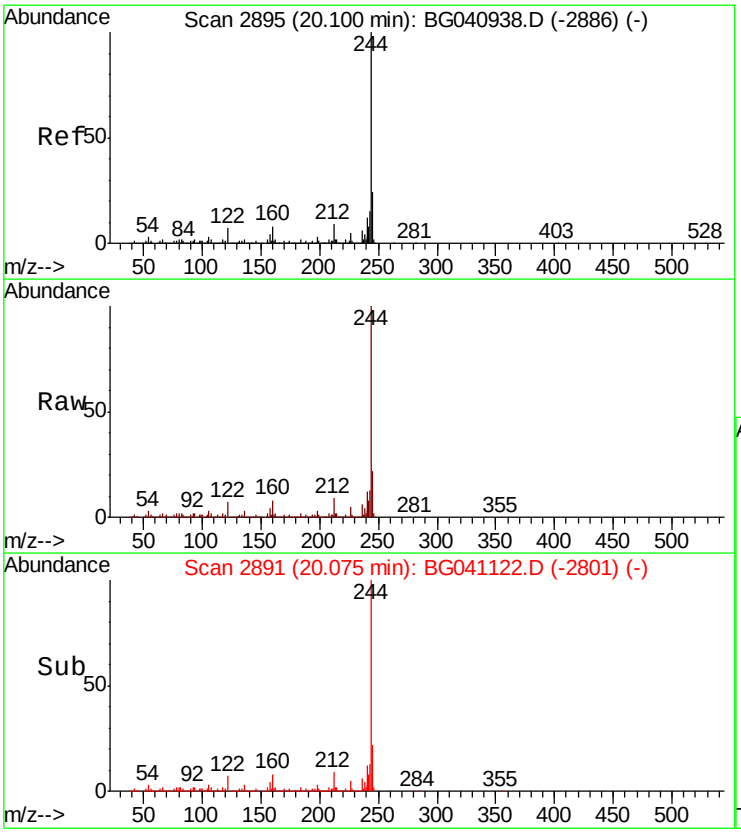
#77
Benzidine
Concen: 2.917 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:184 Resp: 22361

Ion	Ratio	Lower	Upper
184	100		
185	19.7	12.6	18.8#
183	9.6	10.2	15.4#

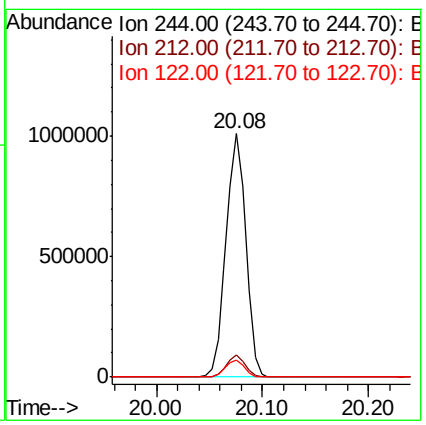


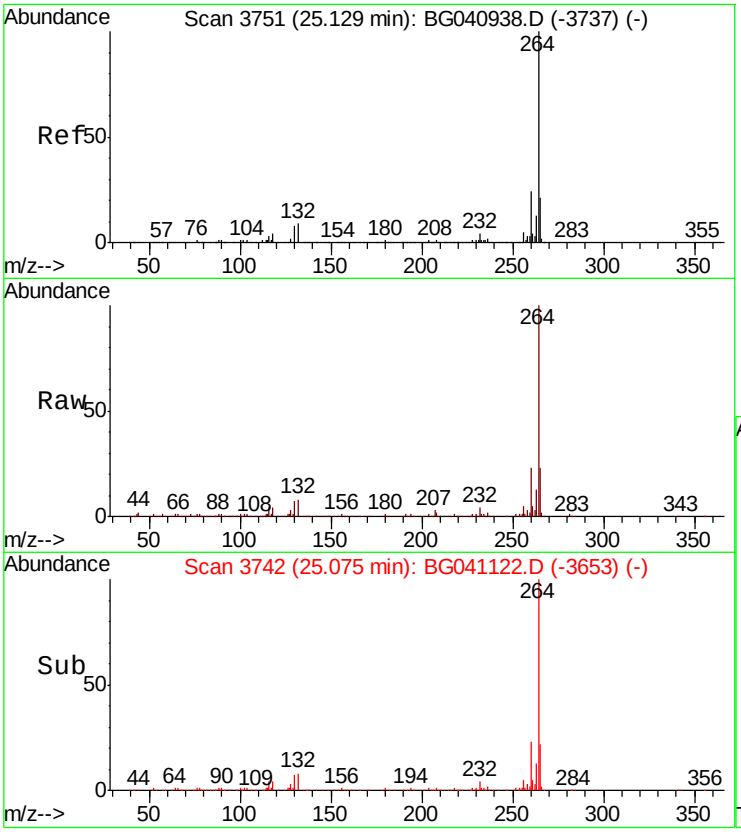


#79
Terphenyl-d14
Concen: 86.418 ng
RT: 20.08 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Tgt Ion:244 Resp: 1308280

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	7.1	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BG041122.D
Acq: 8 Jun 2019 6:39

Instrument :
BNA_G
ClientSampleId :
CULVER-CBTC-TP1-060419

Tgt Ion:264 Resp: 347448

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.1	28.7
265	22.7	17.6	26.4