Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
Data File : BG041502.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-10

Quant Time: Jun 28 05:53:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27699	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	102824	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	77579	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	208923	20.00	ng		0.00
76) Chrysene-d12	21.69	240	219829	20.00	ng		0.00
87) Perylene-d12	24.98	264	234015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	207901	133.82	ng		0.00
7) Phenol-d6	7.19	99	301582	137.89	ng		0.00
23) Nitrobenzene-d5	9.21	82	215478	87.40	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	170246	128.53	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	518281	85.73	ng		0.00
79) Terphenyl-d14	20.02	244	1005767	97.23	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.35	79	4038	2.318	ng	#	58
19) n-Nitroso-di-n-propylamine	9.21	70	31628	19.387	ng	#	72
50) Dimethylphthalate	14.12	163	106650	15.107	ng		99
57) 2,4-Dinitrotoluene	14.67	165	9892	4.551	ng	#	22
67) 4-Bromophenyl-phenylether	16.17	248	12187	4.269	ng	#	1
77) Benzidine	20.02	184	16884	3.462	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
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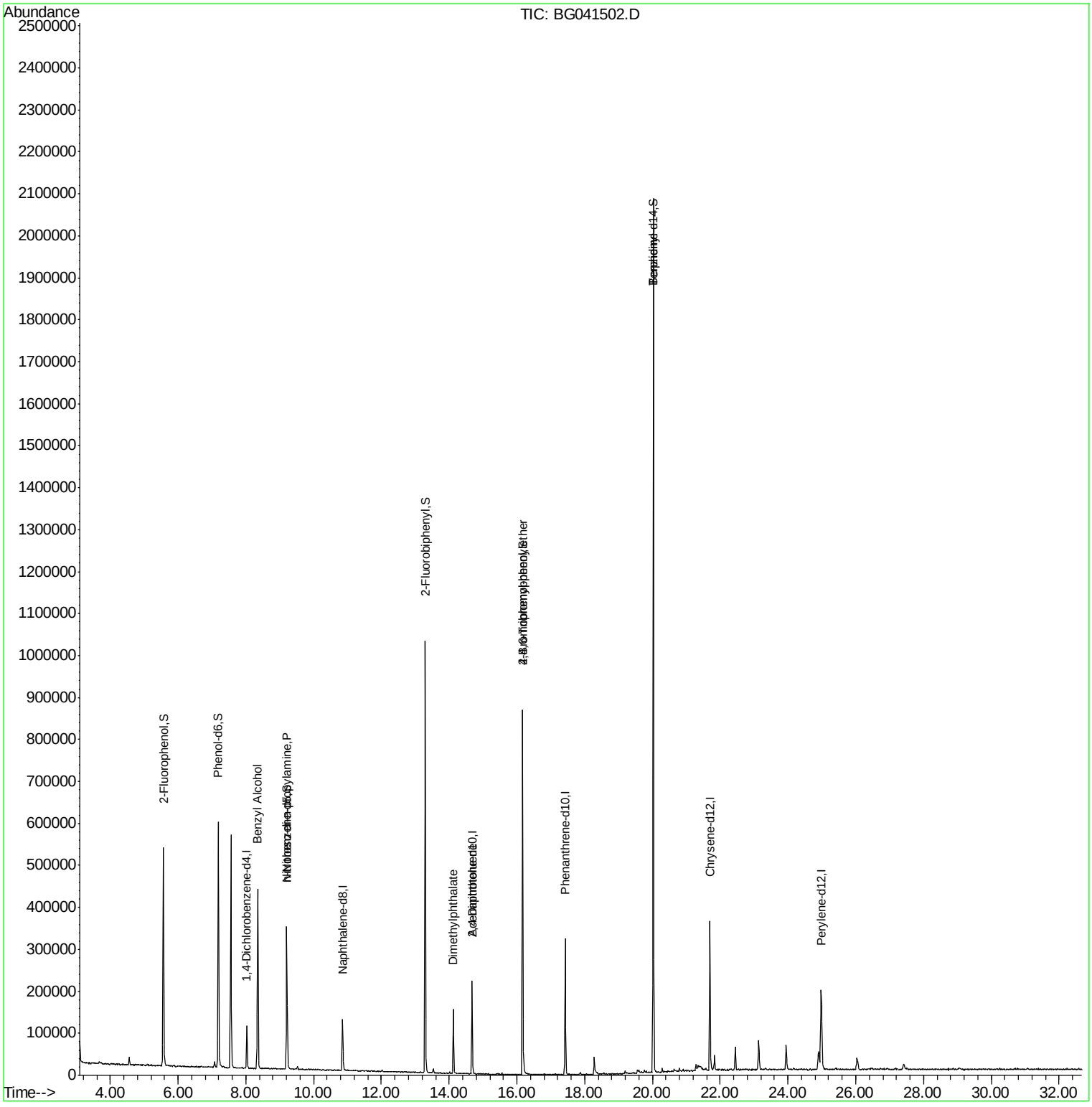
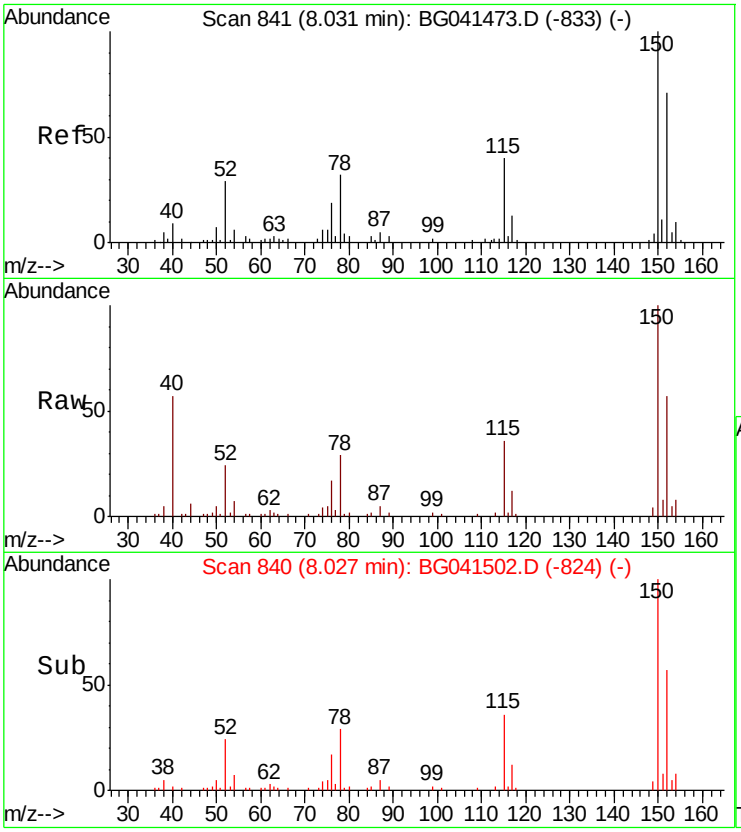
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration



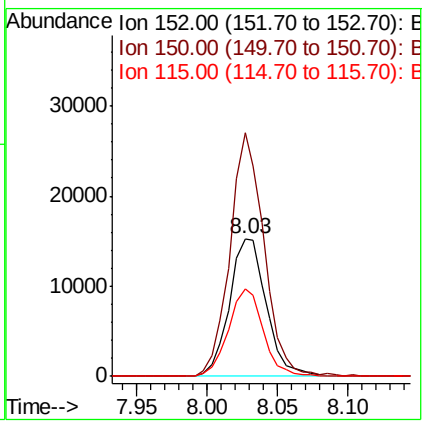


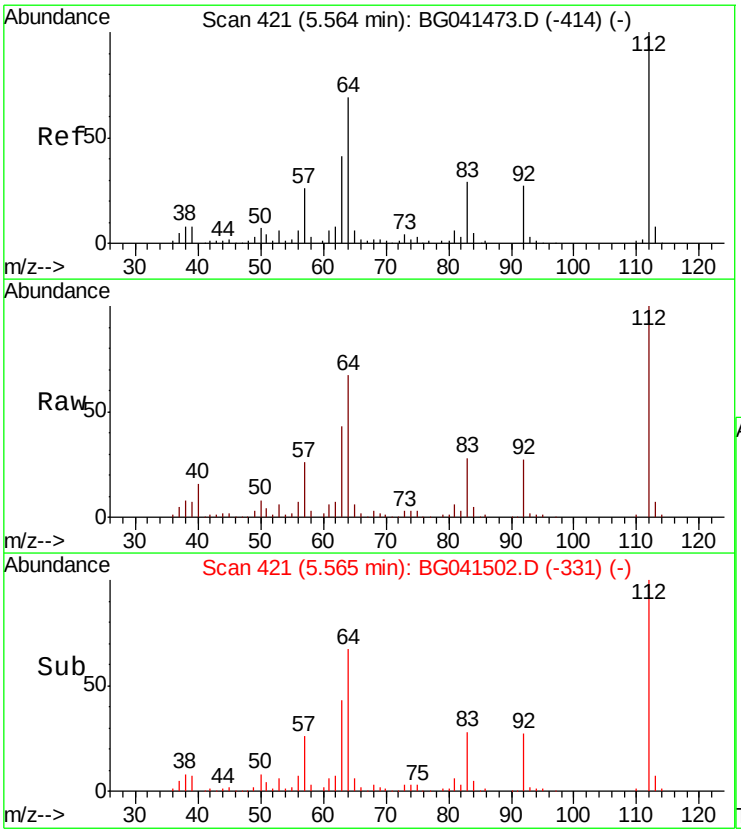
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion:152 Resp: 27699

Ion	Ratio	Lower	Upper
152	100		
150	176.6	112.4	168.6#
115	63.4	44.6	66.8

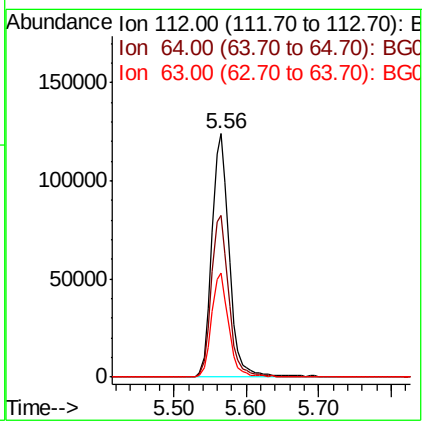


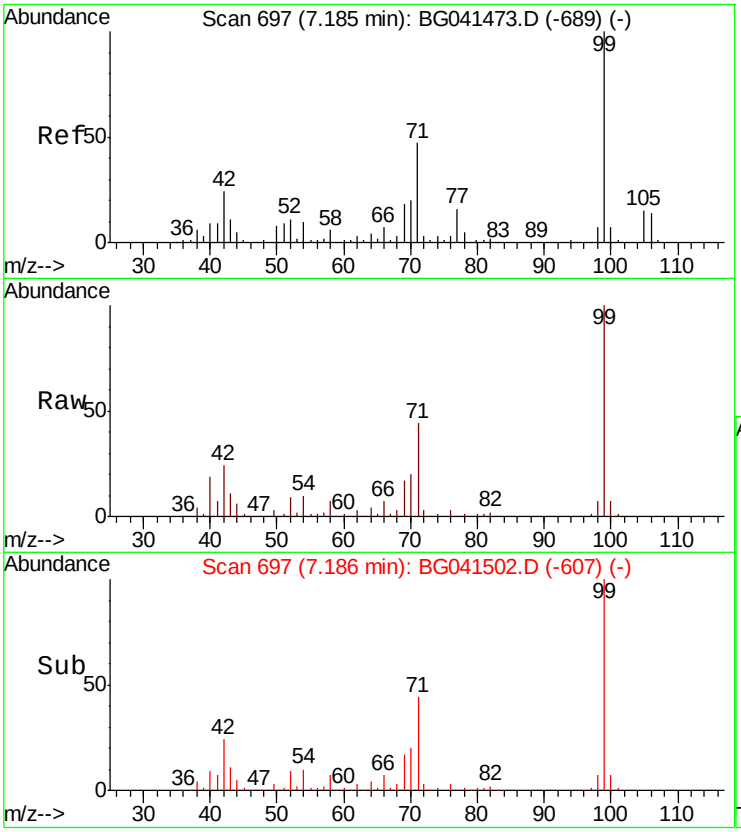


#5
2-Fluorophenol
Concen: 133.816 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:112 Resp: 207901

Ion	Ratio	Lower	Upper
112	100		
64	66.6	55.1	82.7
63	43.0	32.4	48.6



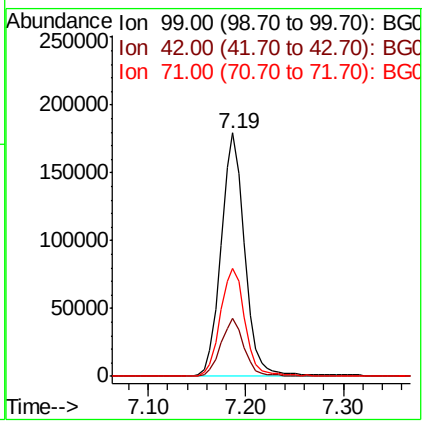


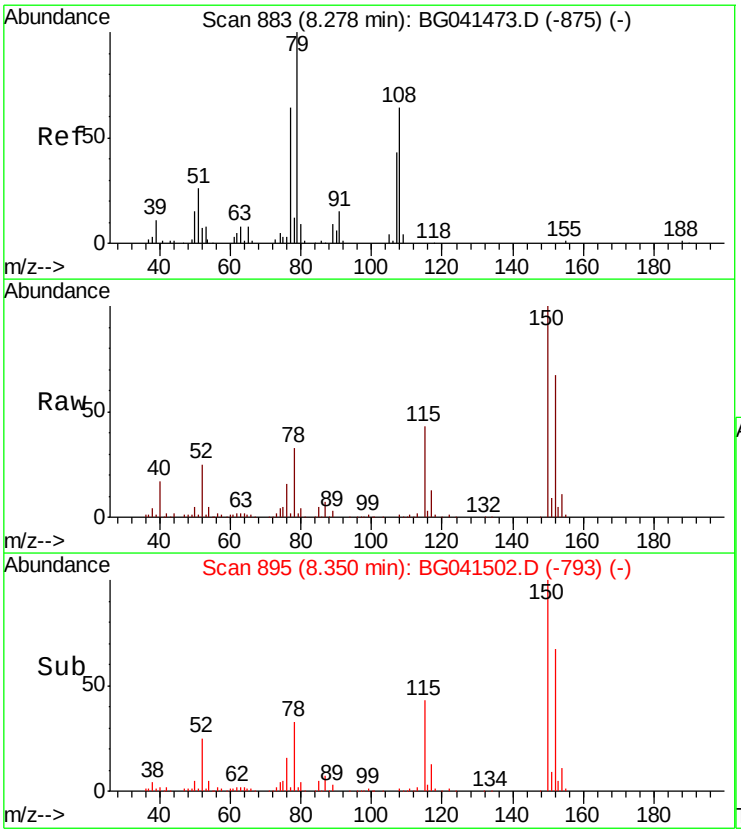
#7
Phenol-d6
Concen: 137.891 ng
RT: 7.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion: 99 Resp: 301582

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.0	28.6
71	44.5	37.4	56.2

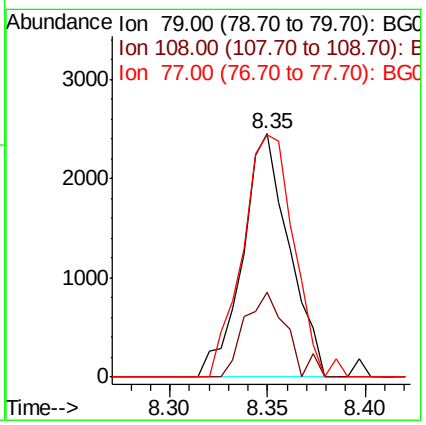


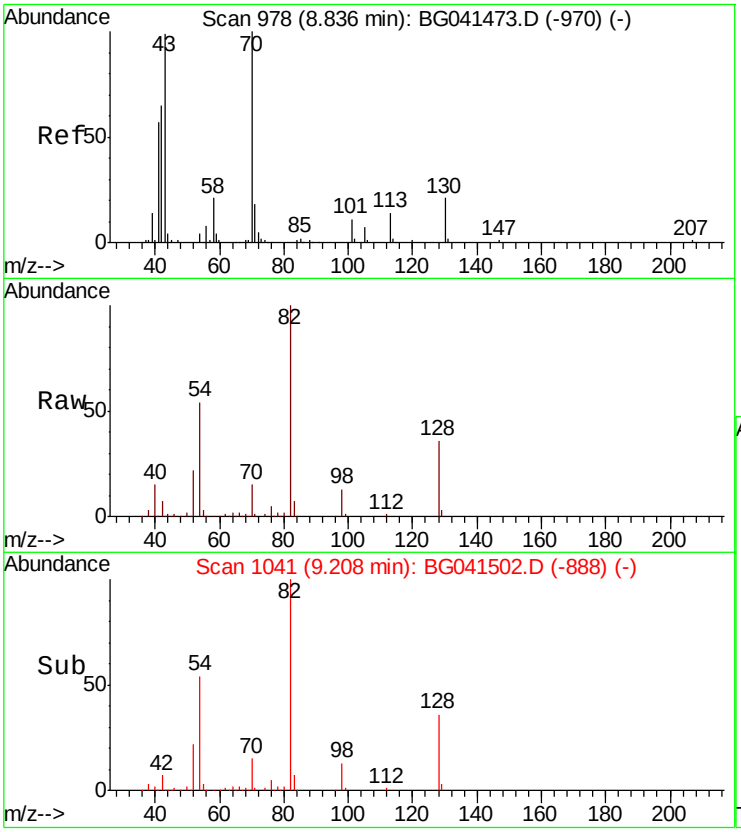


#15
Benzyl Alcohol
Concen: 2.318 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.07 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion: 79 Resp: 4038

Ion	Ratio	Lower	Upper
79	100		
108	34.8	51.4	77.0#
77	99.4	50.8	76.2#



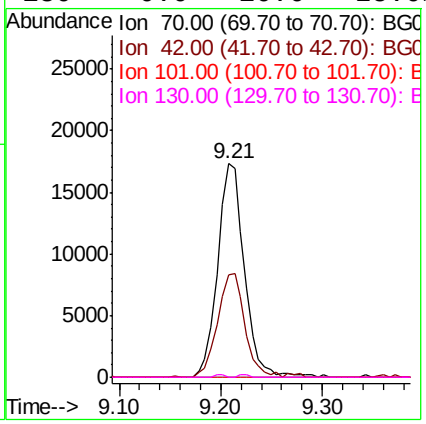


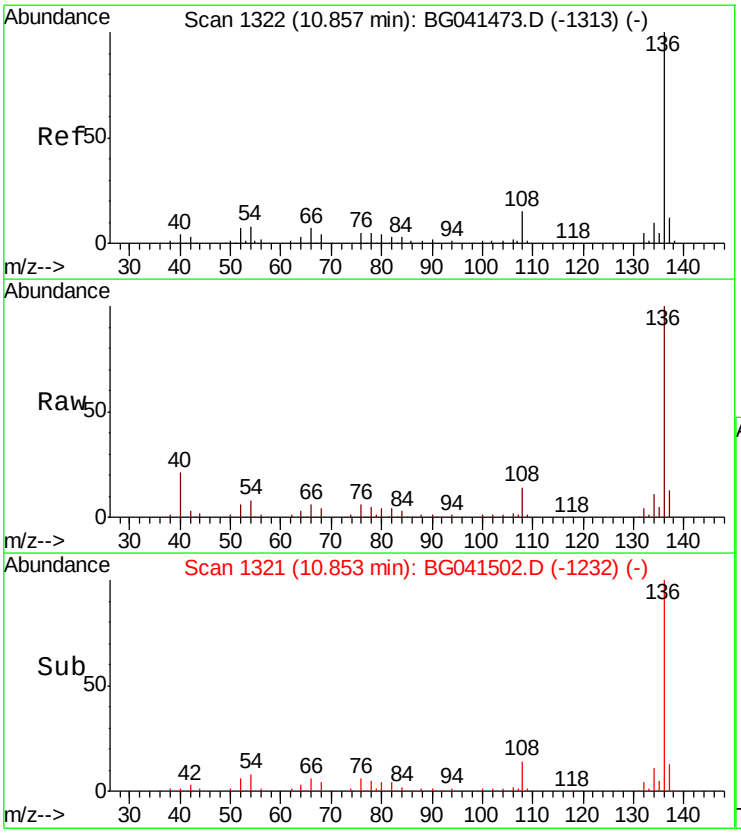
#19
n-Nitroso-di-n-propylamine
Concen: 19.387 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion: 70 Resp: 31628

Ion	Ratio	Lower	Upper
70	100		
42	47.7	52.6	78.8#
101	0.0	8.6	13.0#
130	0.0	16.6	25.0#

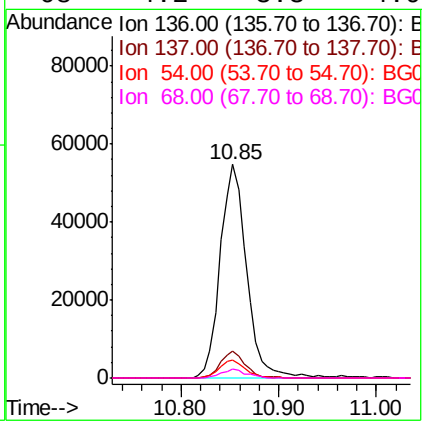


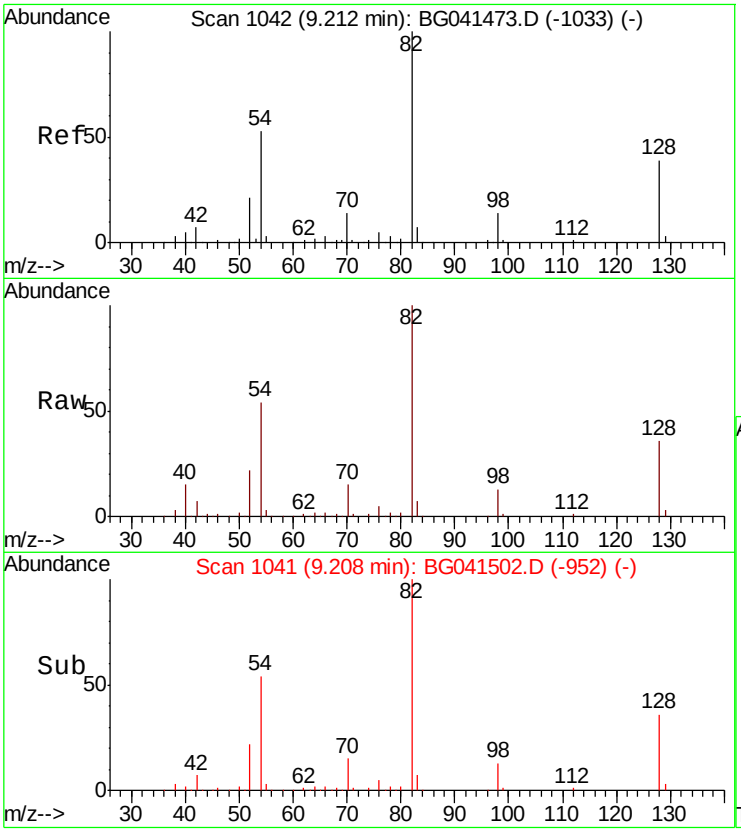


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:136 Resp: 102824

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.3	13.9
54	8.3	7.1	10.7
68	4.2	3.3	4.9



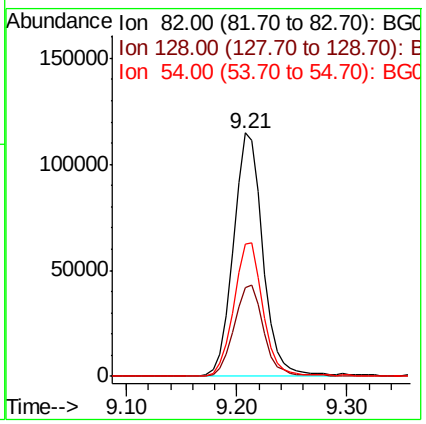


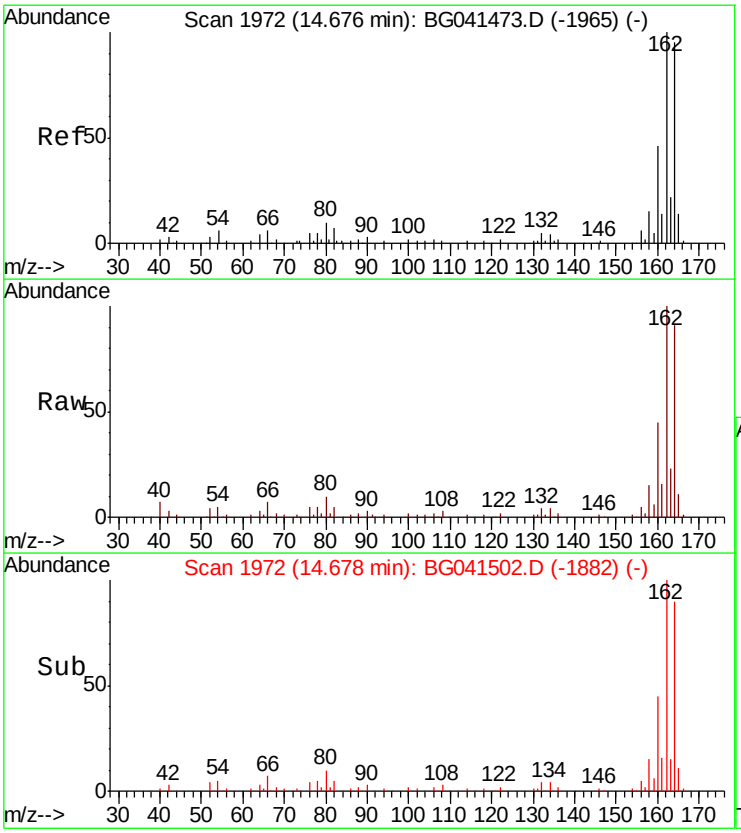
#23
Nitrobenzene-d5
Concen: 87.401 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion: 82 Resp: 215478

Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.9	46.3
54	54.1	42.2	63.2

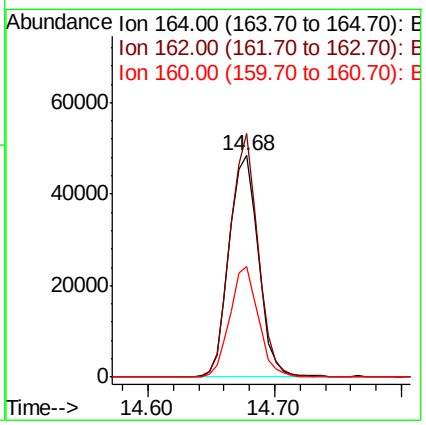


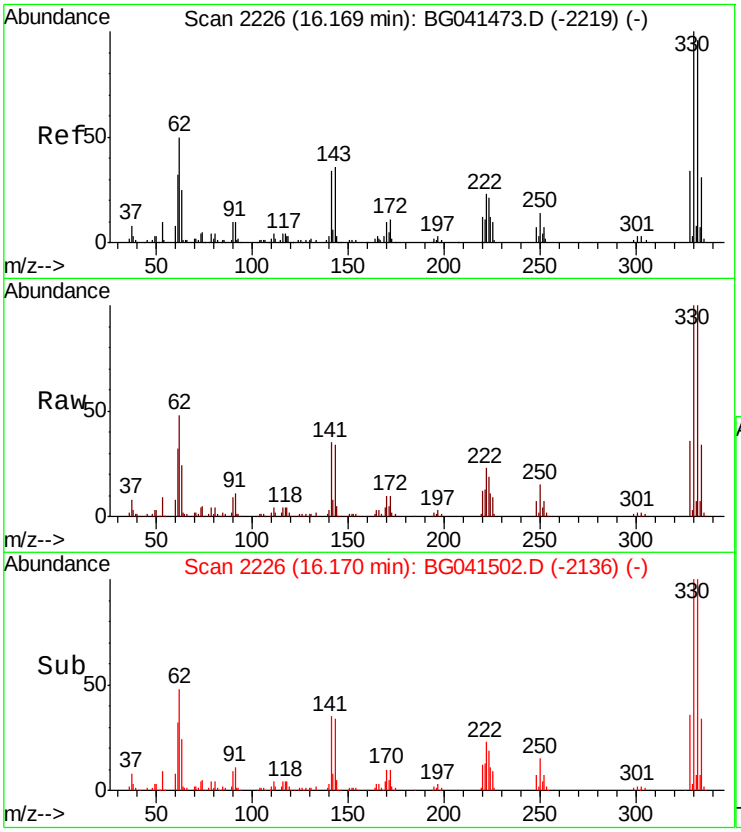


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:164 Resp: 77579

Ion	Ratio	Lower	Upper
164	100		
162	109.9	84.4	126.6
160	49.9	38.8	58.2



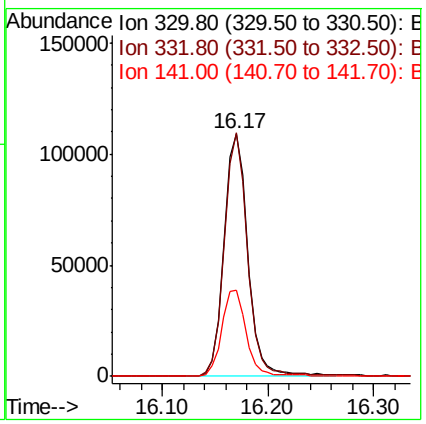


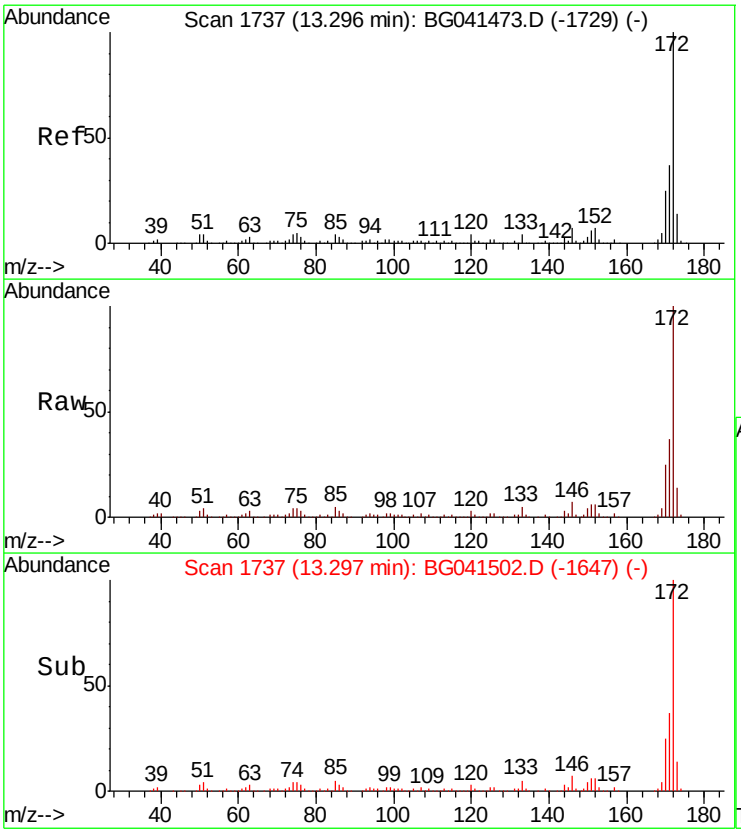
#42
2,4,6-Tribromophenol
Concen: 128.525 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion:330 Resp: 170246

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.5	113.3
141	36.6	27.8	41.6

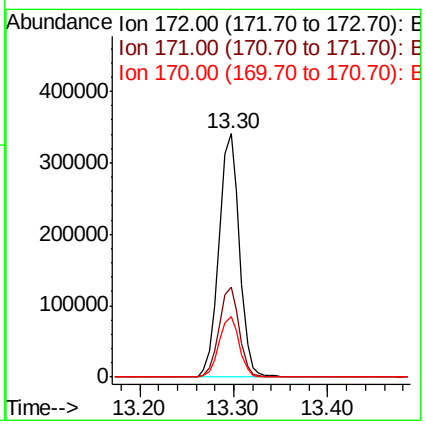


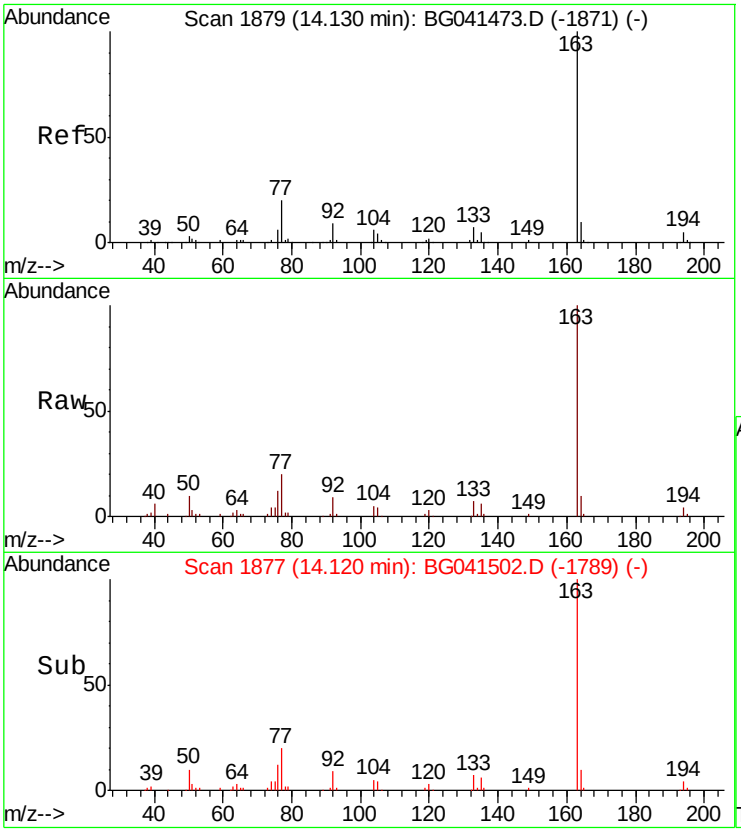


#45
2-Fluorobiphenyl
Concen: 85.730 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:172 Resp: 518281

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	20.0	30.0



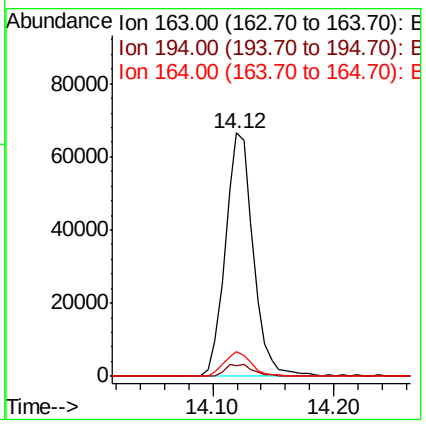


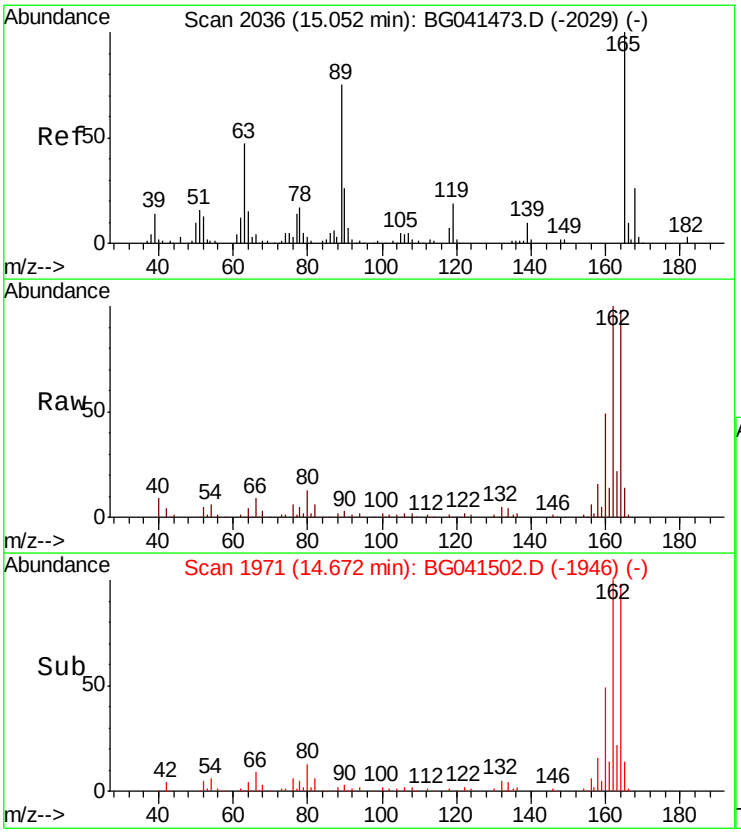
#50
Dimethylphthalate
Concen: 15.107 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion:163 Resp: 106650

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	10.1	7.8	11.6

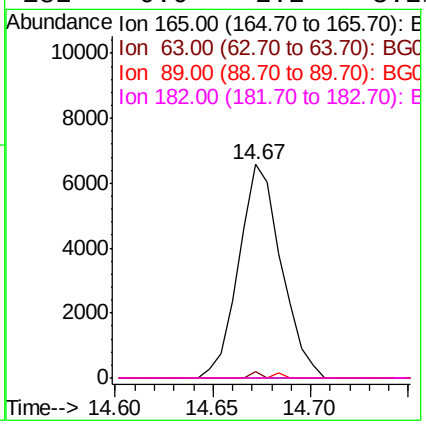


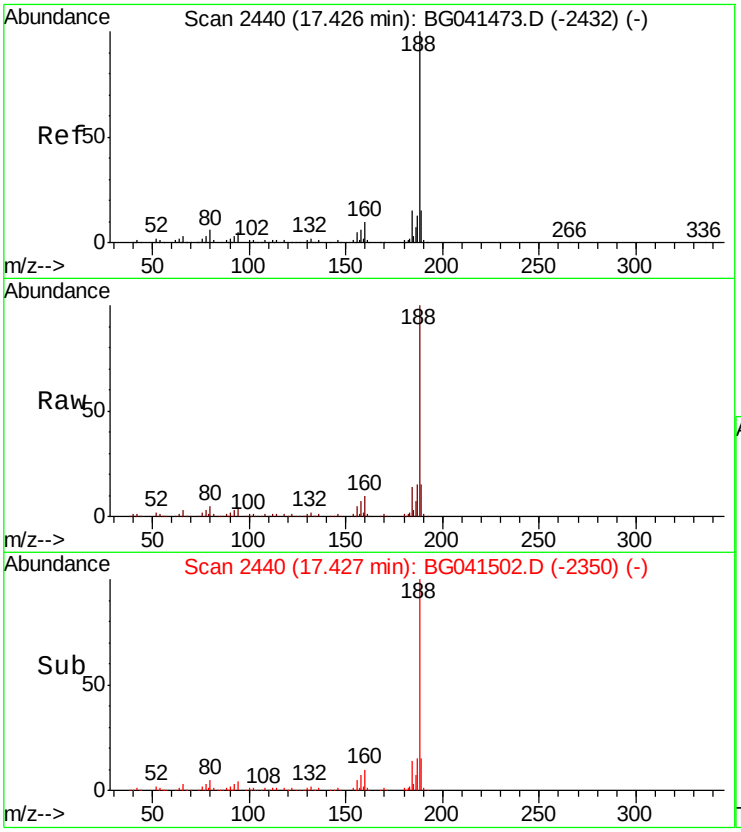


#57
2,4-Dinitrotoluene
Concen: 4.551 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:165 Resp: 9892

Ion	Ratio	Lower	Upper
165	100		
63	3.1	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#



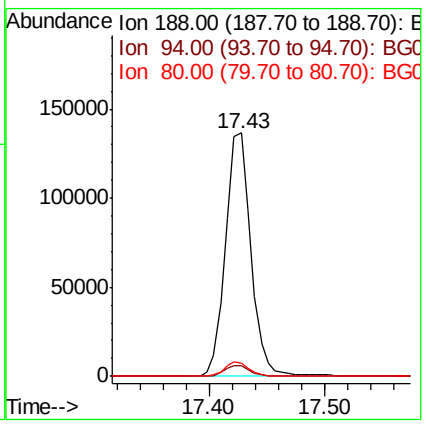


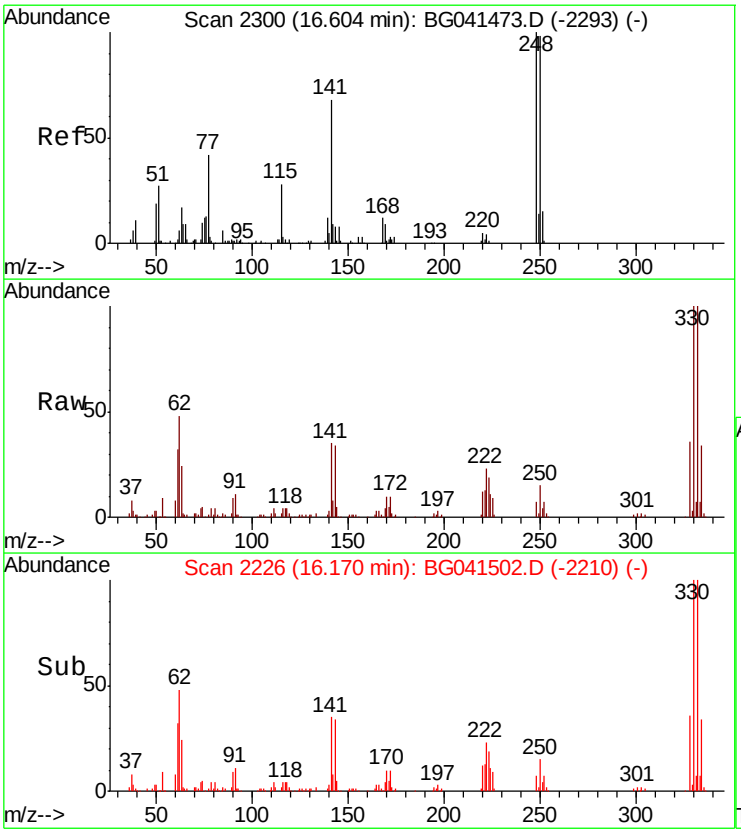
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion:188 Resp: 208923

Ion	Ratio	Lower	Upper
188	100		
94	4.2	3.8	5.8
80	5.3	4.8	7.2

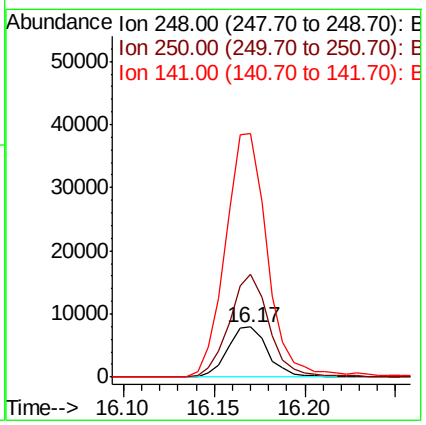


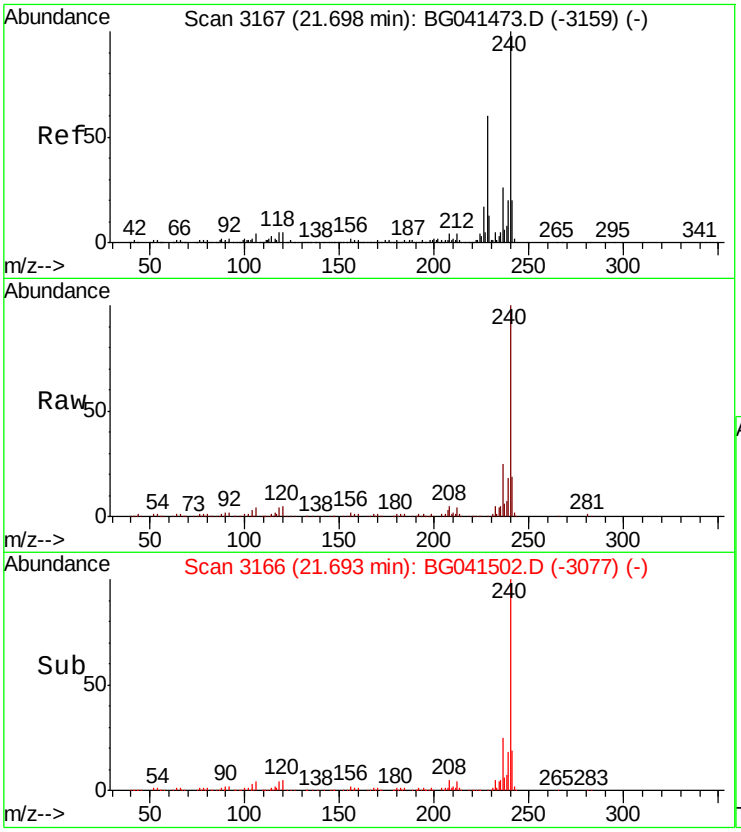


#67
4-Bromophenyl-phenylether
Concen: 4.269 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.43 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:248 Resp: 12187

Ion	Ratio	Lower	Upper
248	100		
250	205.8	78.1	117.1#
141	485.0	54.1	81.1#



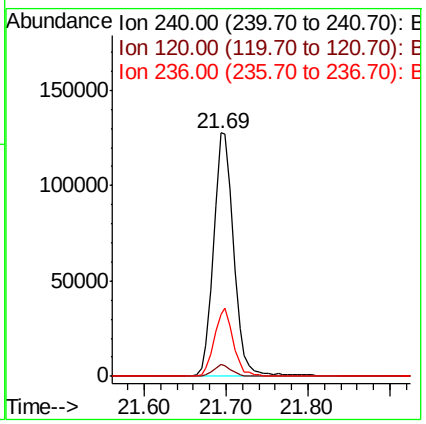


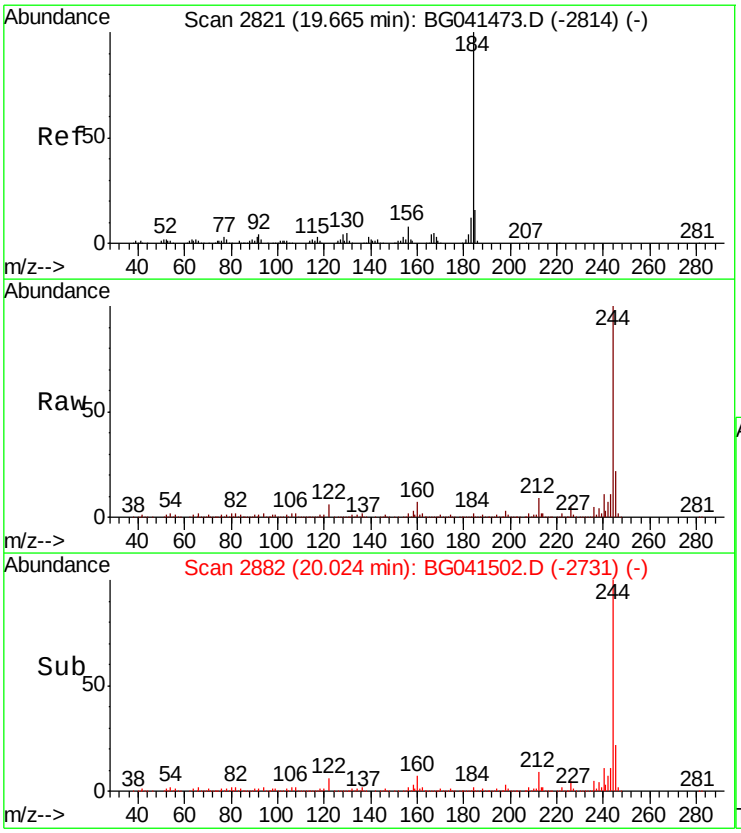
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion:240 Resp: 219829

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	25.5	20.8	31.2

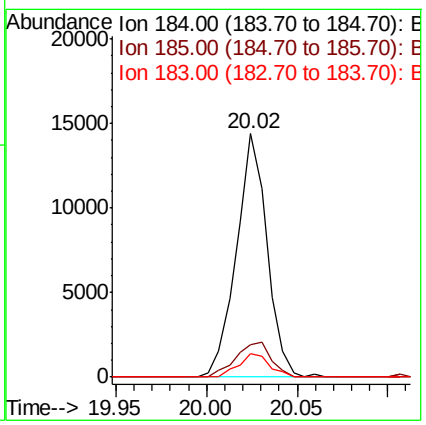


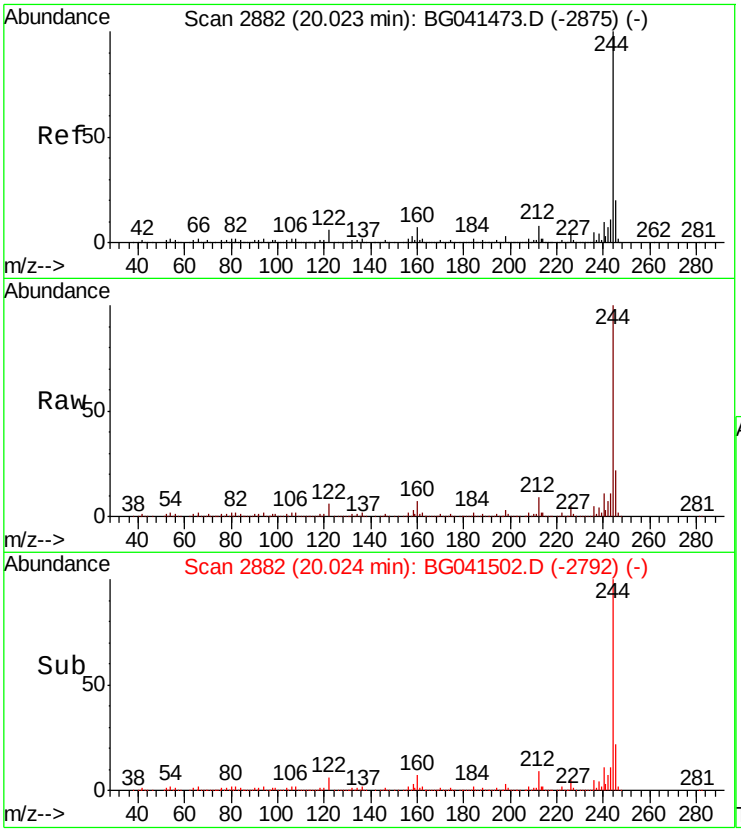


#77
Benzidine
Concen: 3.462 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:184 Resp: 16884

Ion	Ratio	Lower	Upper
184	100		
185	13.2	12.7	19.1
183	9.9	9.4	14.2



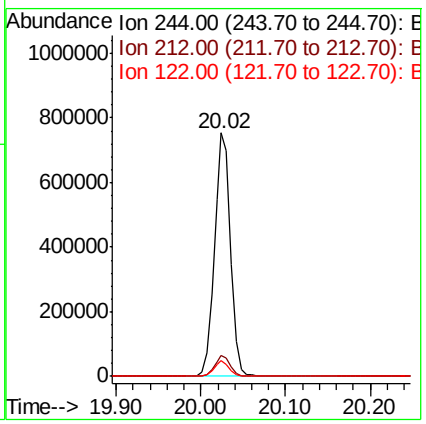


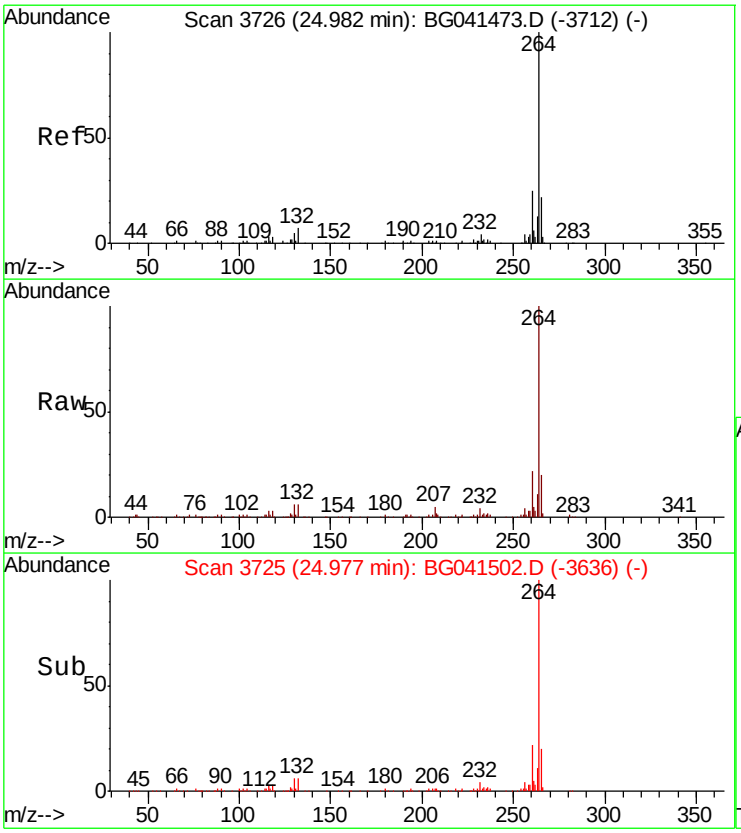
#79
Terphenyl-d14
Concen: 97.227 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Instrument :
BNA_G
ClientSampleId :
M-10

Tgt Ion:244 Resp: 1005767

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	6.3	4.8	7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:264 Resp: 234015

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.7	29.5
265	19.9	17.4	26.2