Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041519.D
Acq On : 28 Jun 2019 19:10
Operator : HP/JU
Sample : K3157-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-062619-E

Quant Time: Jun 29 01:50:45 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	26755	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	94175	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	68802	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	195962	20.00	ng	0.00
76) Chrysene-d12	21.70	240	217391	20.00	ng	0.00
87) Perylene-d12	24.98	264	225033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	180880	120.53	ng	0.00
7) Phenol-d6	7.19	99	241204	114.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	202673	89.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	159951	136.16	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	475598	88.71	ng	0.00
79) Terphenyl-d14	20.03	244	1078836	105.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	3366	4.955	ng	# 23
19) n-Nitroso-di-n-propylamine	9.21	70	28066	17.811	ng	# 76
51) 2,6-Dinitrotoluene	14.68	165	8792	6.617	ng	# 15
57) 2,4-Dinitrotoluene	14.68	165	8792	4.561	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	11072	4.135	ng	# 1
77) Benzidine	20.03	184	18104	3.753	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041519.D
Acq On : 28 Jun 2019 19:10
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-062619-E

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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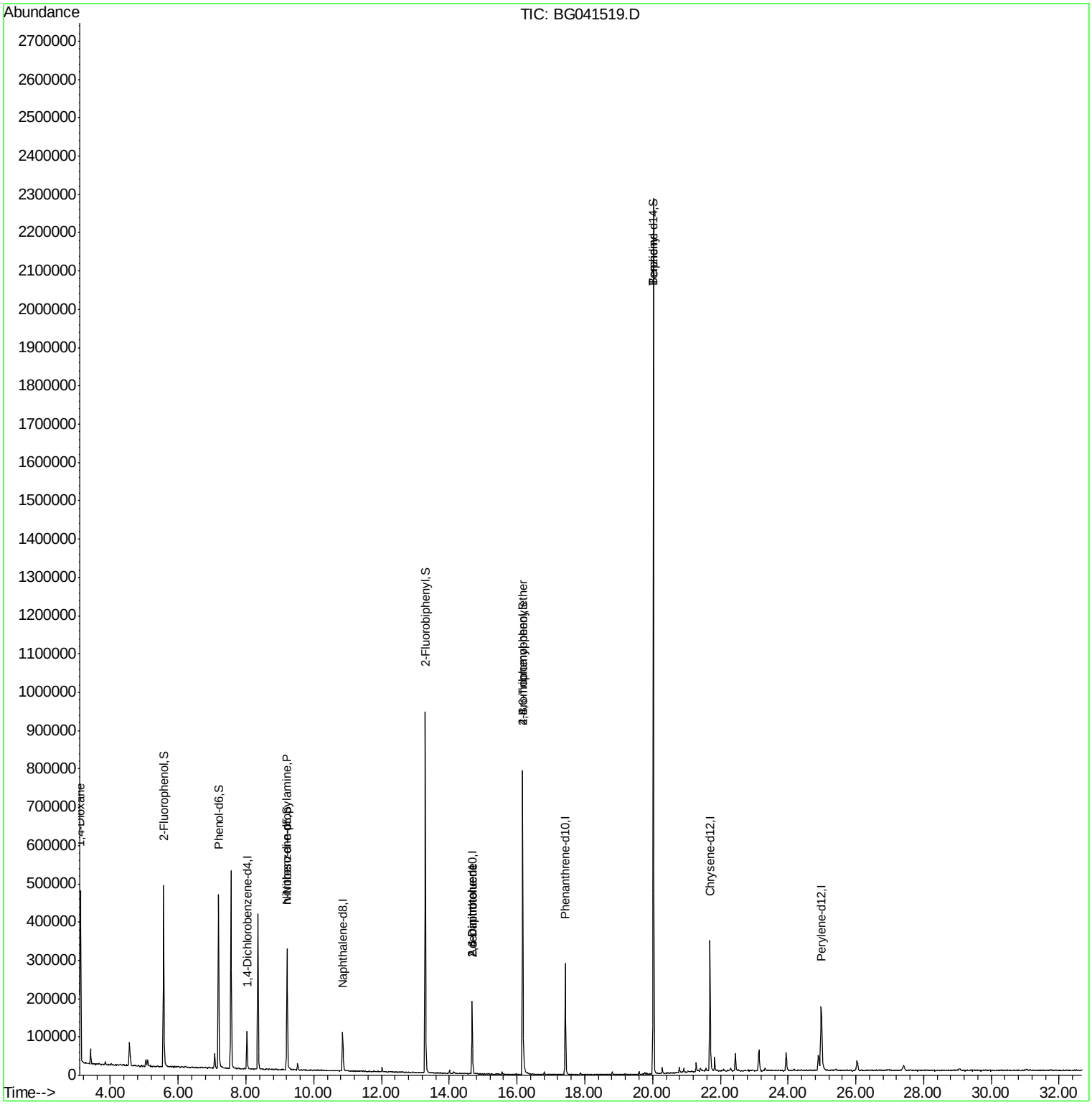
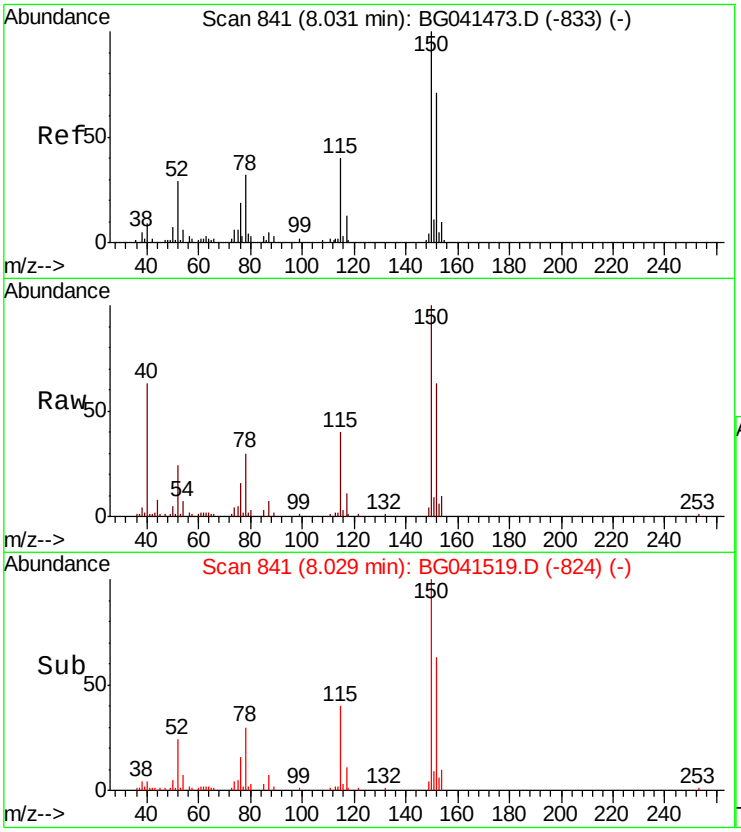


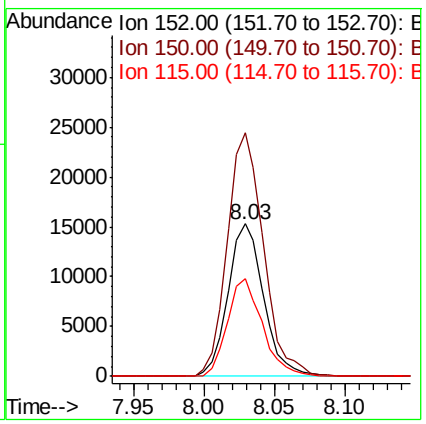


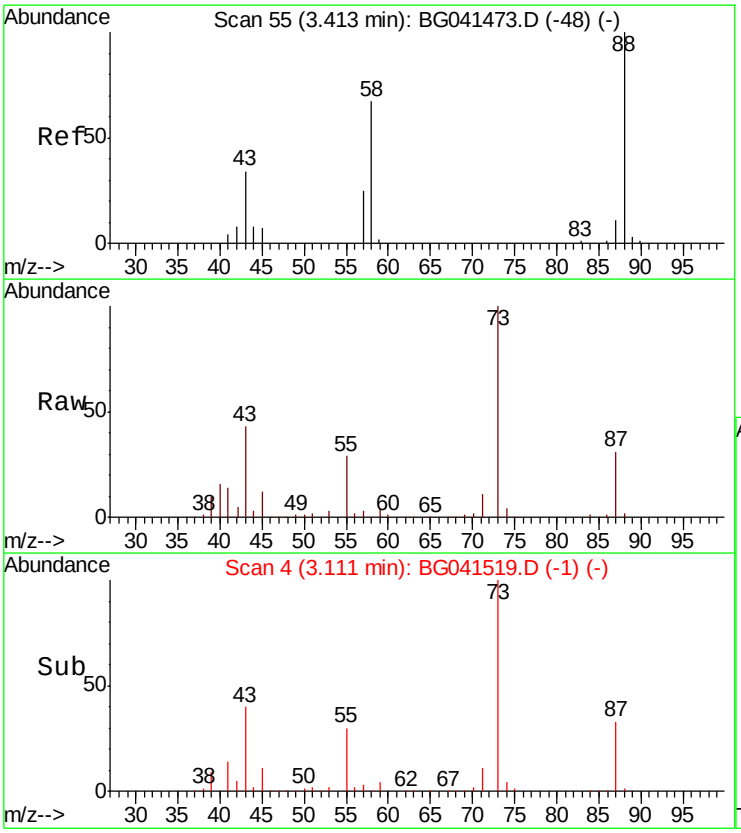
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion:152 Resp: 26755

Ion	Ratio	Lower	Upper
152	100		
150	159.6	112.4	168.6
115	63.9	44.6	66.8

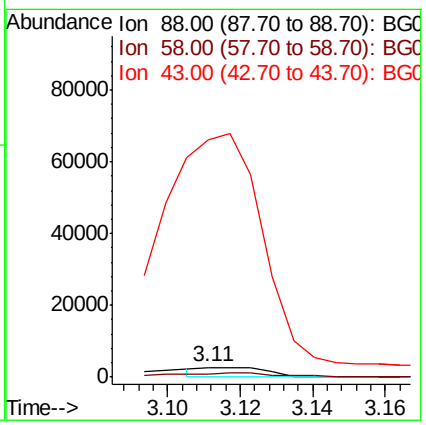


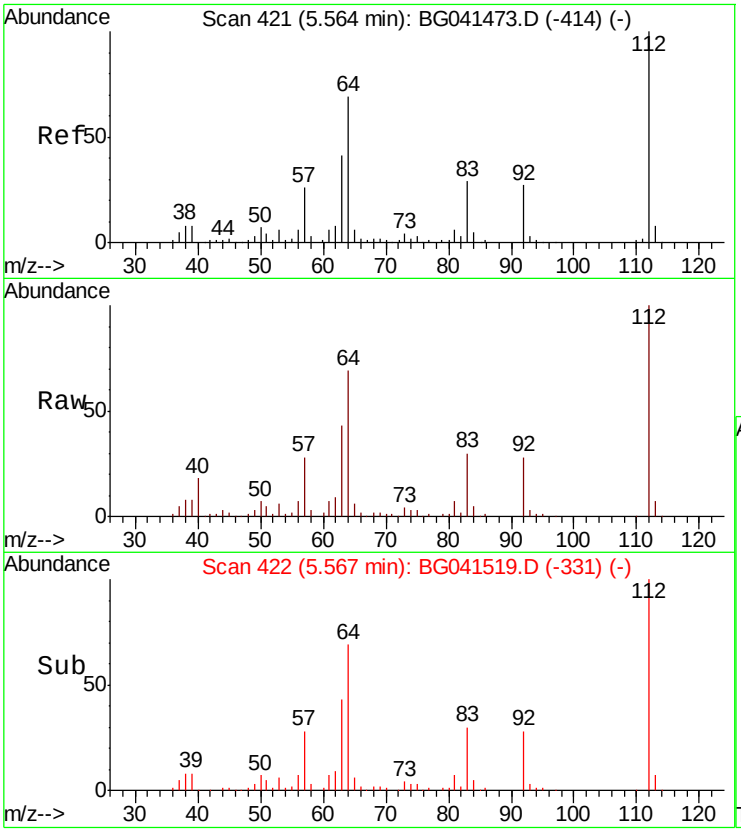


#2
1,4-Dioxane
Concen: 4.955 ng
RT: 3.11 min Scan# 4
Delta R.T. -0.30 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion: 88 Resp: 3366

Ion	Ratio	Lower	Upper
88	100		
58	0.0	55.8	83.8#
43	0.0	27.8	41.8#



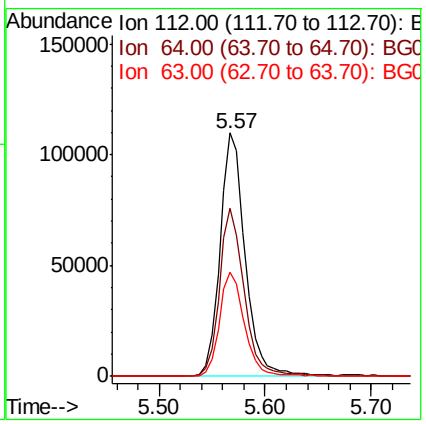


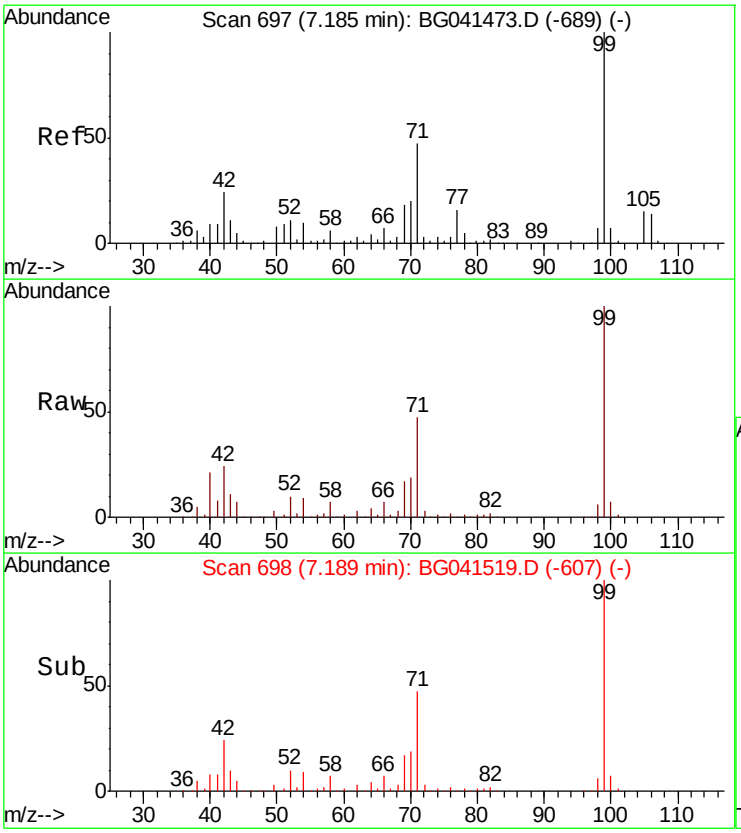
#5
2-Fluorophenol
Concen: 120.532 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion:112 Resp: 180880

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.1	82.7
63	42.7	32.4	48.6

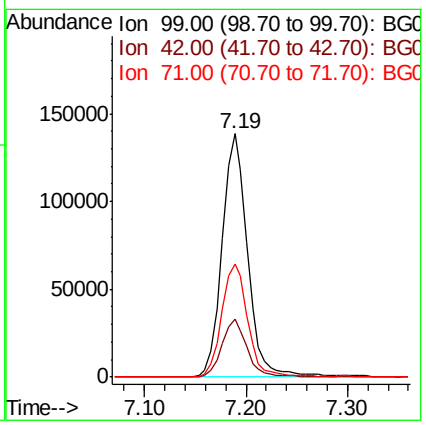


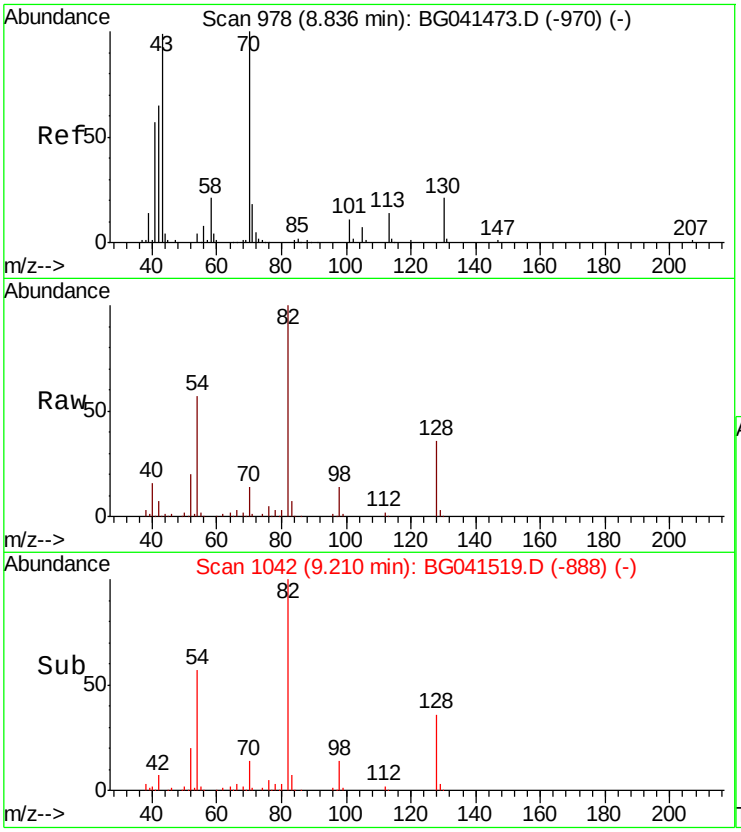


#7
Phenol-d6
Concen: 114.176 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion: 99 Resp: 241204

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.0	28.6
71	46.6	37.4	56.2



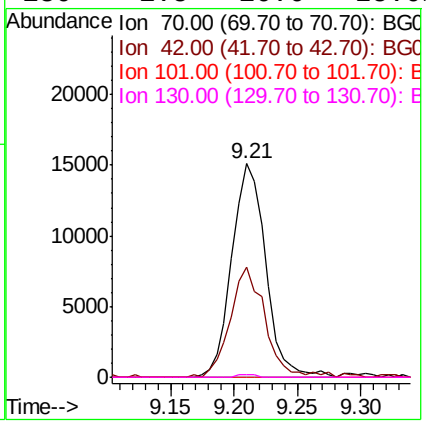


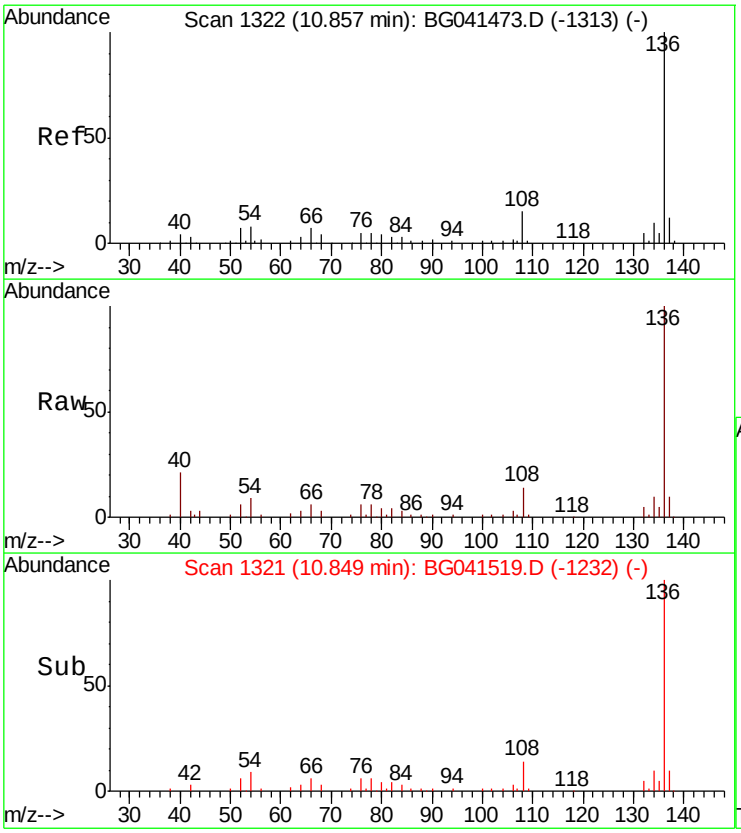
#19
n-Nitroso-di-n-propylamine
Concen: 17.811 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion: 70 Resp: 28066

Ion	Ratio	Lower	Upper
70	100		
42	51.6	52.6	78.8#
101	0.0	8.6	13.0#
130	1.5	16.6	25.0#

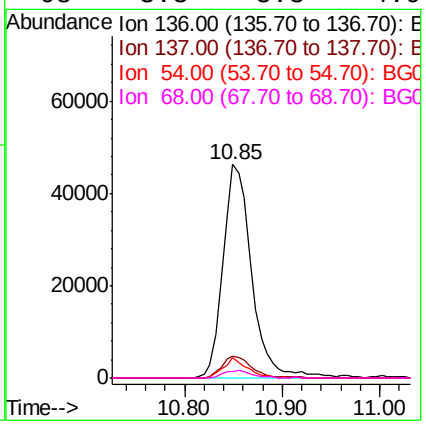


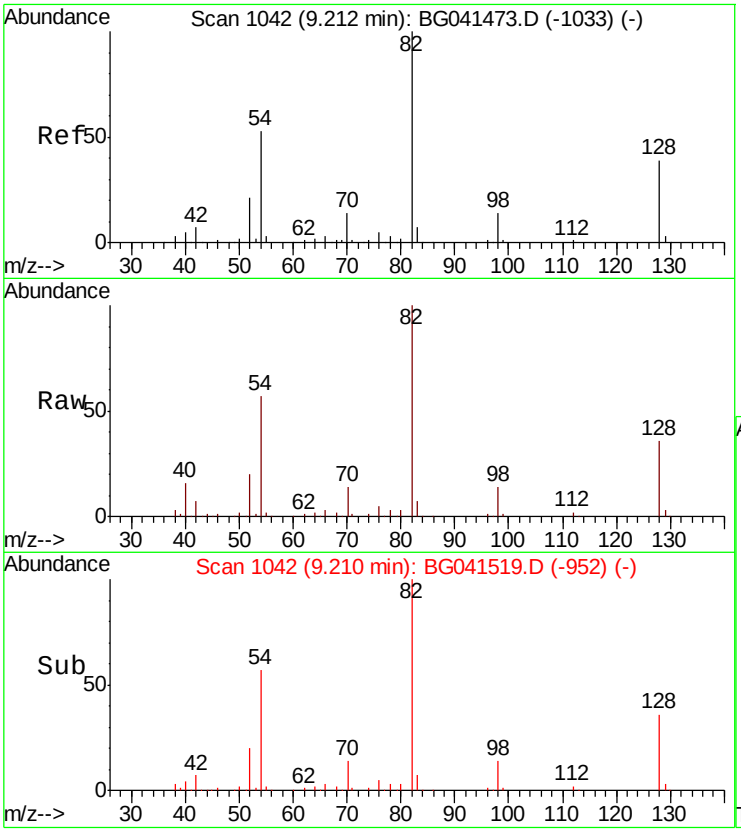


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion:136 Resp: 94175

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	9.4	7.1	10.7
68	3.3	3.3	4.9



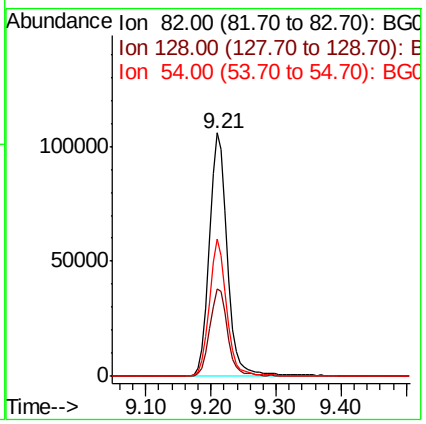


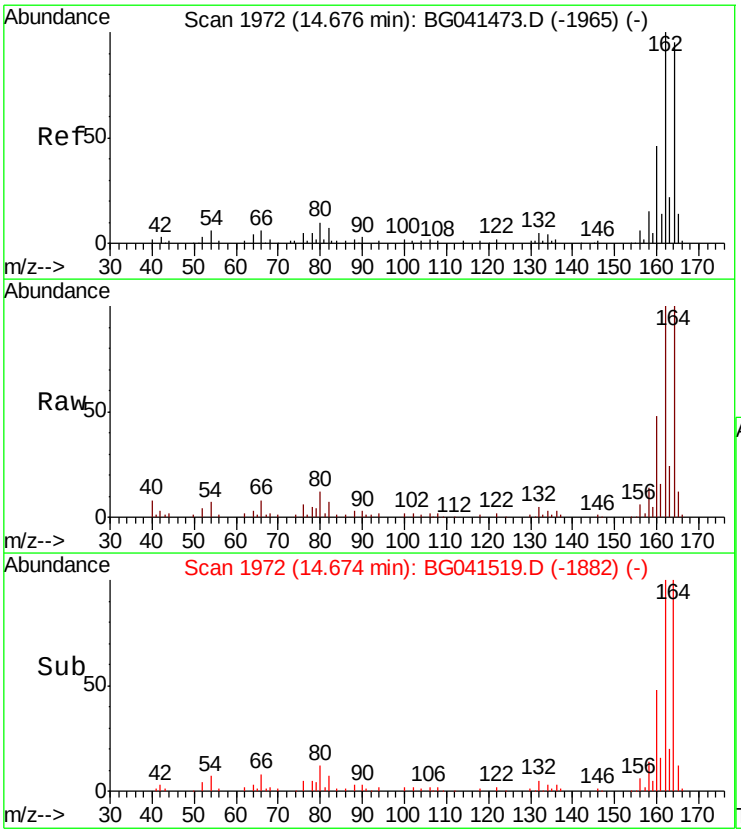
#23
Nitrobenzene-d5
Concen: 89.757 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion: 82 Resp: 202673

Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.9	46.3
54	56.6	42.2	63.2

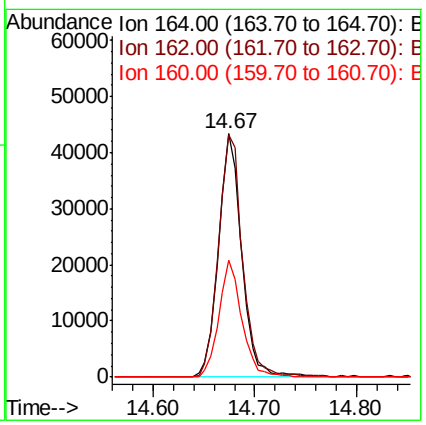


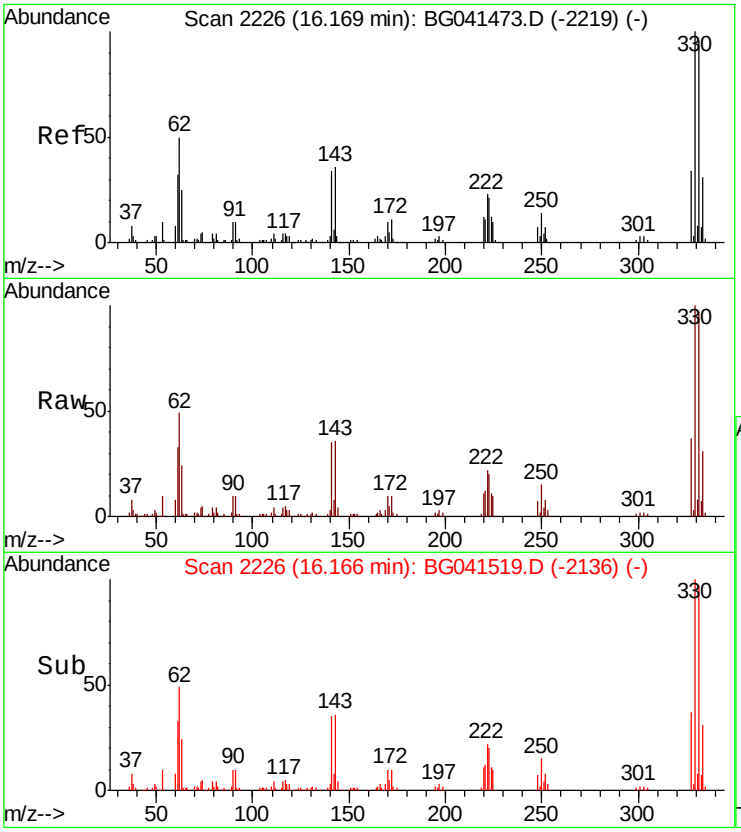


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion:164 Resp: 68802

Ion	Ratio	Lower	Upper
164	100		
162	99.6	84.4	126.6
160	48.2	38.8	58.2



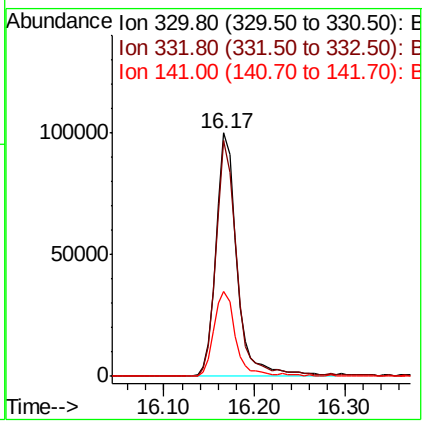


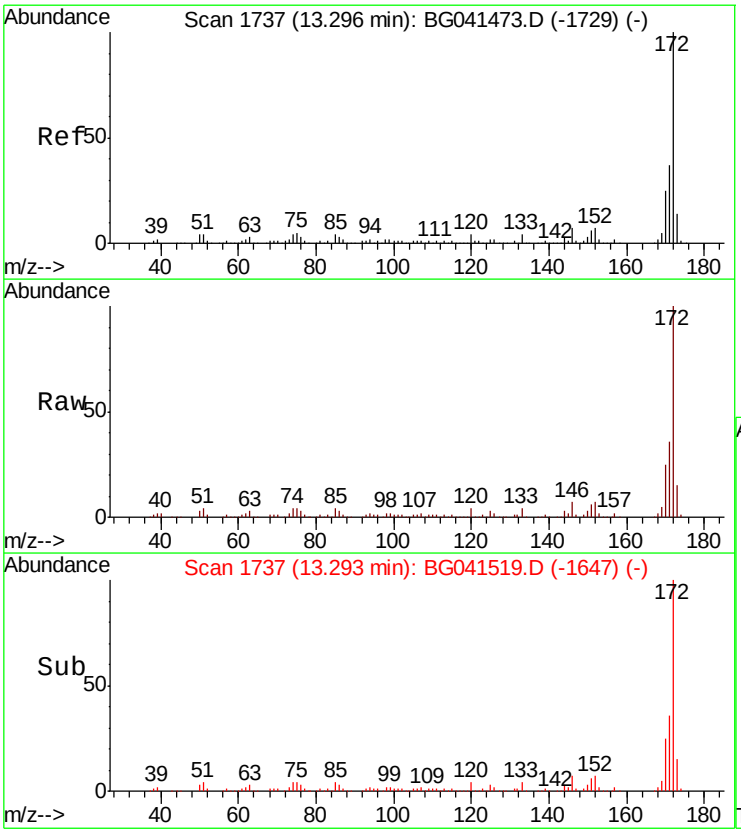
#42
2,4,6-Tribromophenol
Concen: 136.158 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion:330 Resp: 159951

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.5	113.3
141	35.5	27.8	41.6

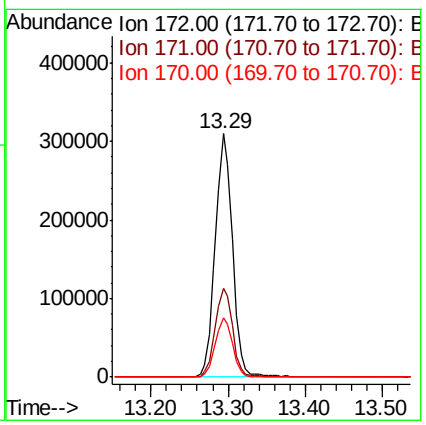


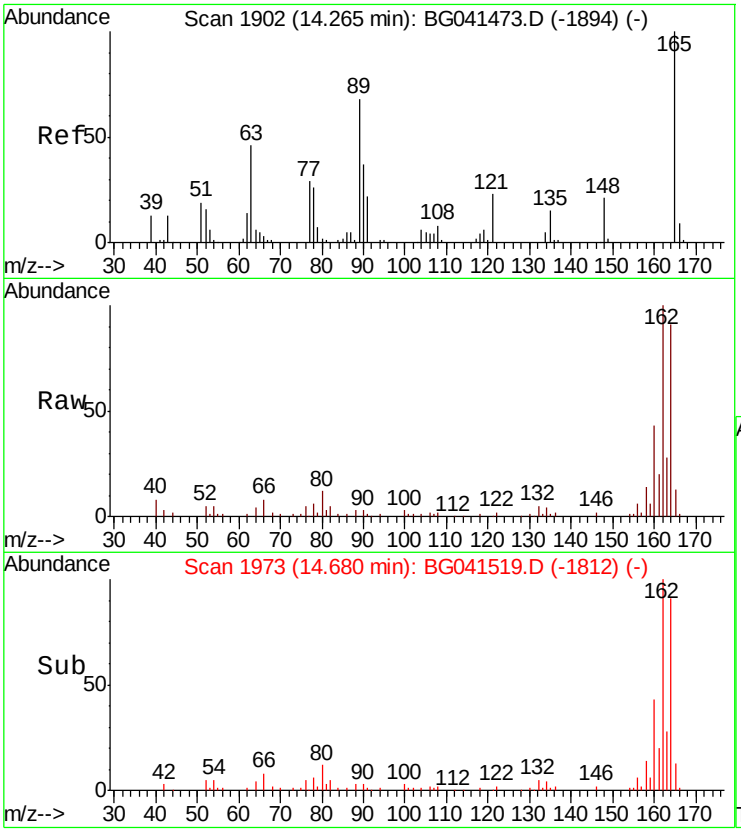


#45
2-Fluorobiphenyl
Concen: 88.706 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion:172 Resp: 475598

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	20.0	30.0



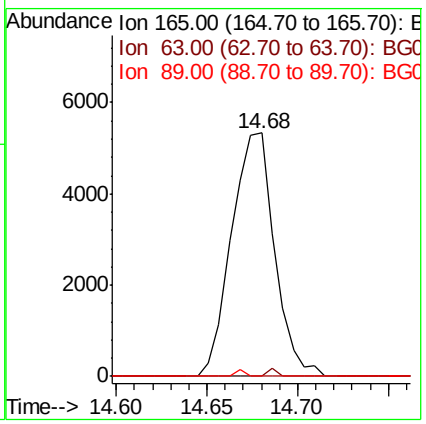


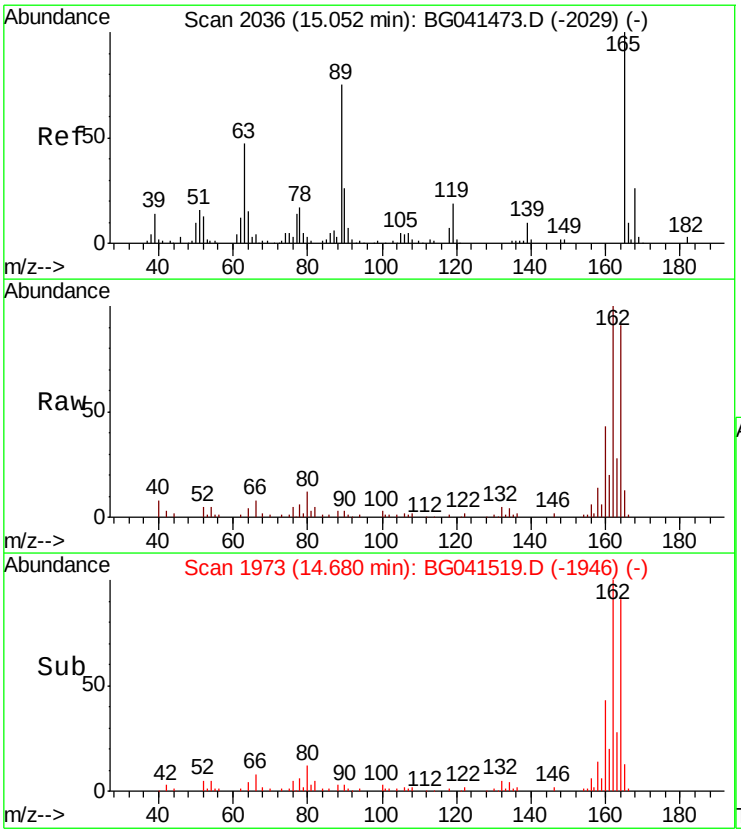
#51
2,6-Dinitrotoluene
Concen: 6.617 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.41 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion:165 Resp: 8792

Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.4	84.6#
89	0.0	54.6	81.8#

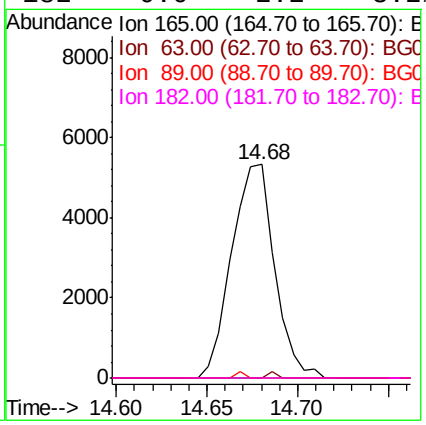


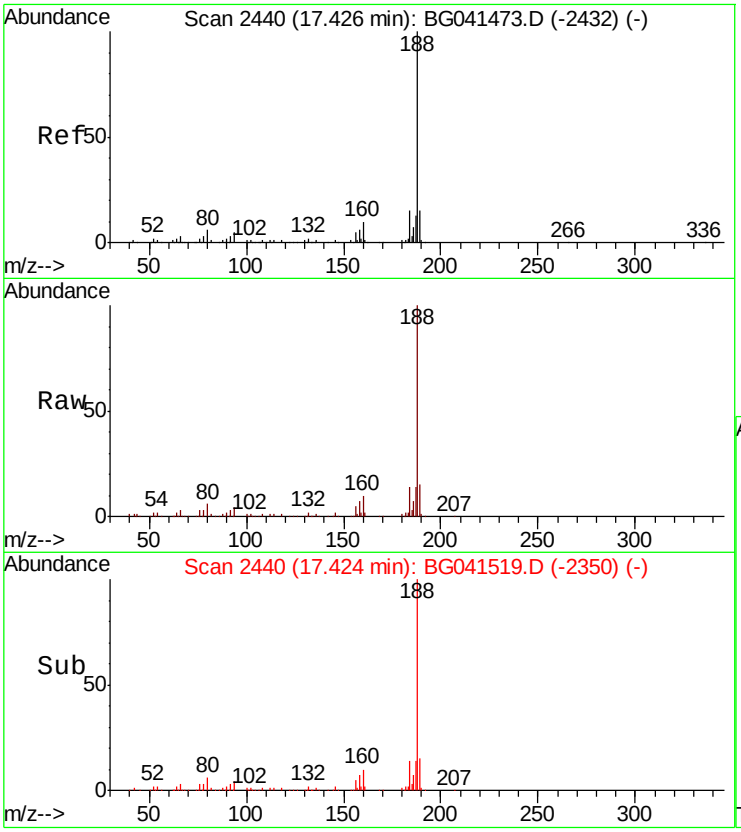


#57
2,4-Dinitrotoluene
Concen: 4.561 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.37 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion:165 Resp: 8792

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



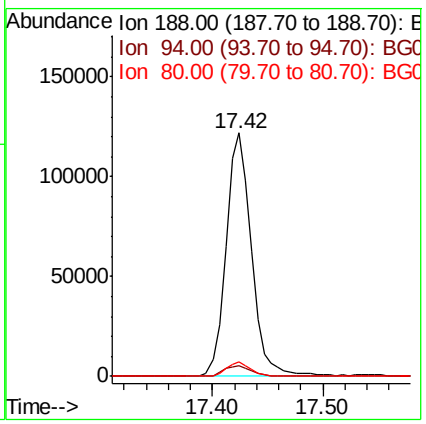


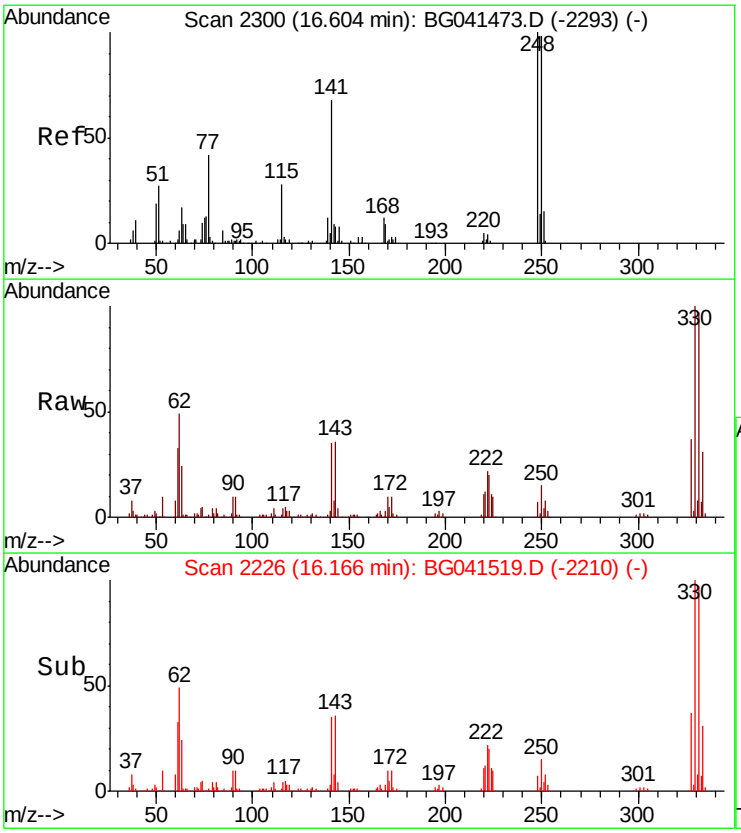
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion:188 Resp: 195962

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.8	5.8
80	6.1	4.8	7.2

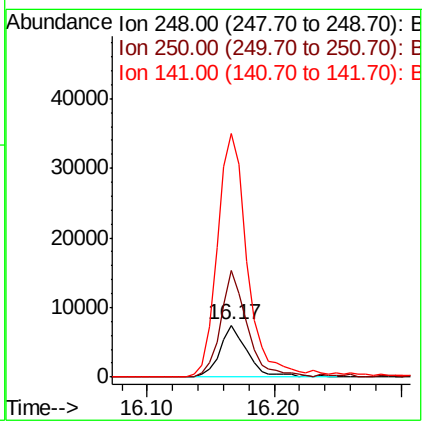


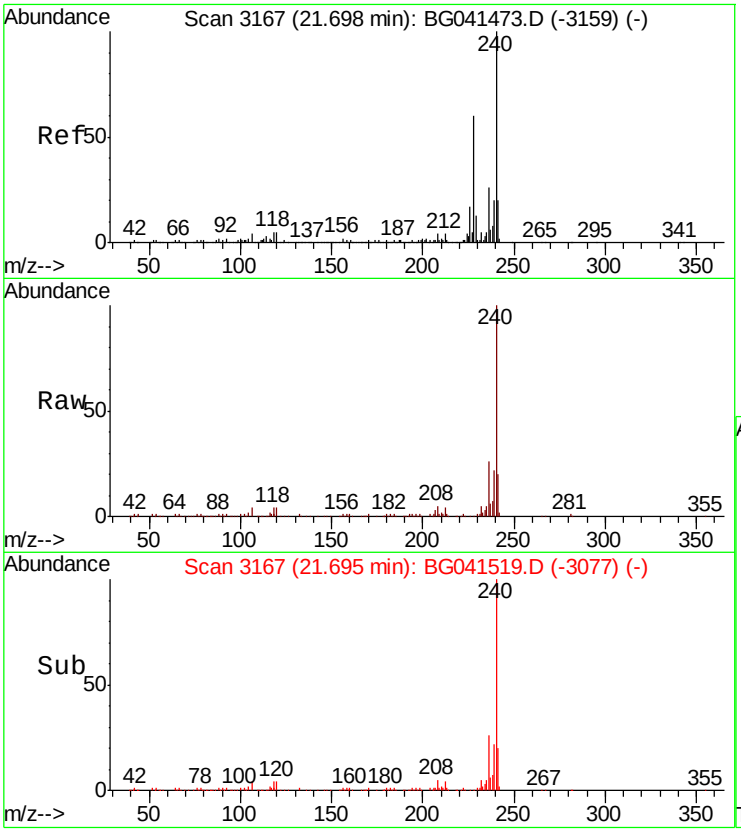


#67
4-Bromophenyl-phenylether
Concen: 4.135 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion:248 Resp: 11072

Ion	Ratio	Lower	Upper
248	100		
250	205.4	78.1	117.1#
141	471.6	54.1	81.1#



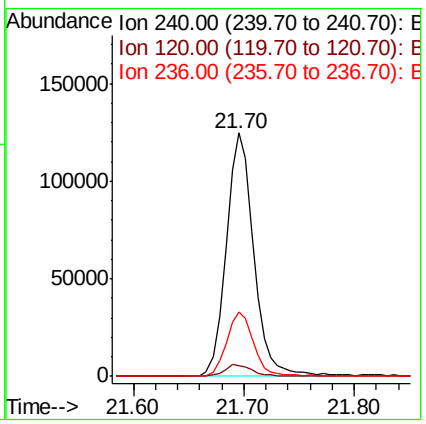


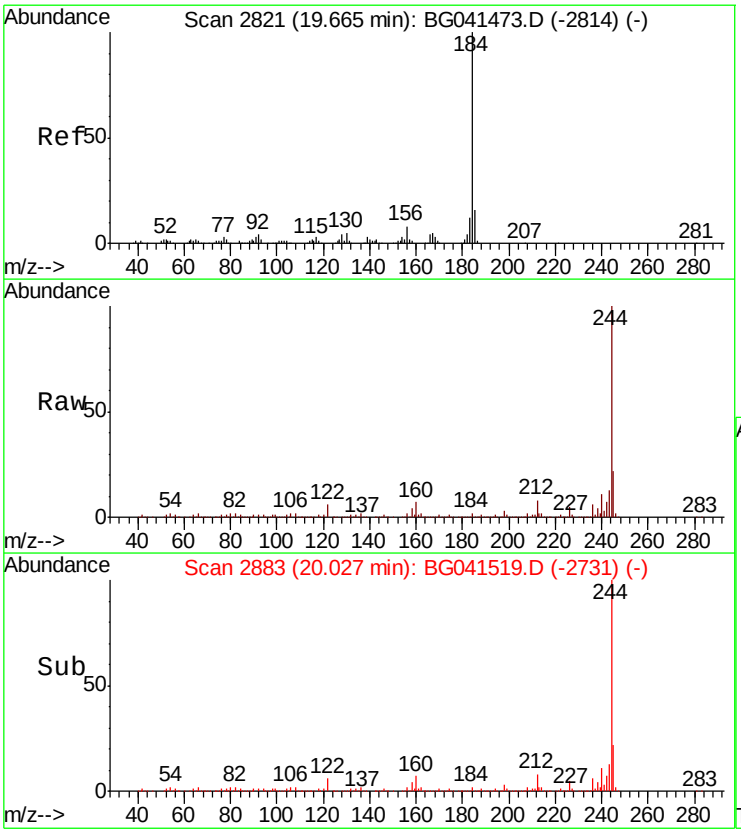
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

Tgt Ion:240 Resp: 217391

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.7	5.5
236	26.5	20.8	31.2

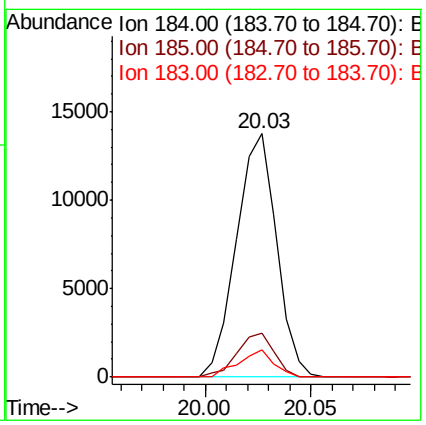


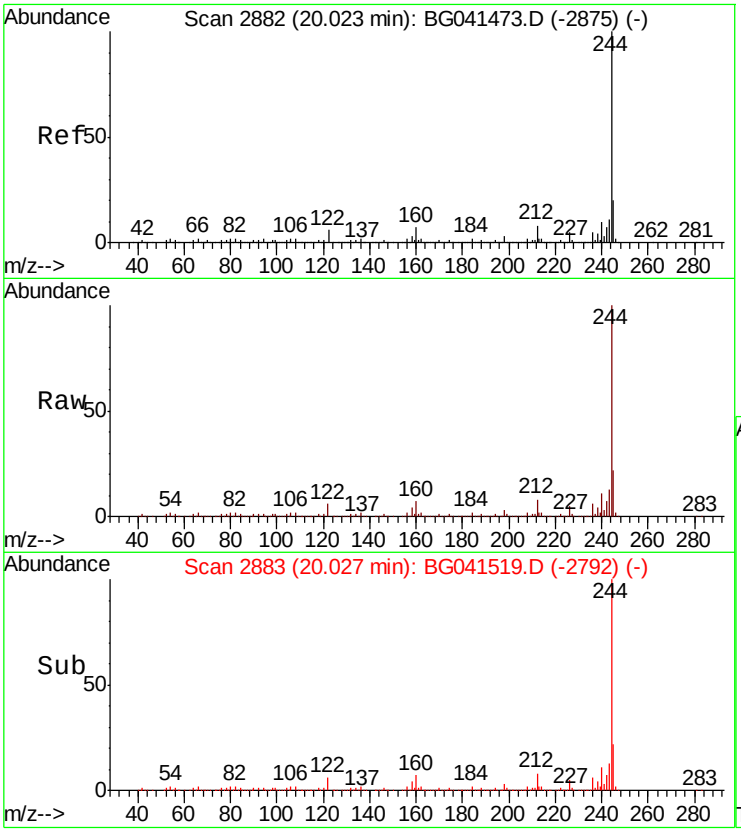


#77
Benzidine
Concen: 3.753 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion:184 Resp: 18104

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.7	19.1
183	11.4	9.4	14.2



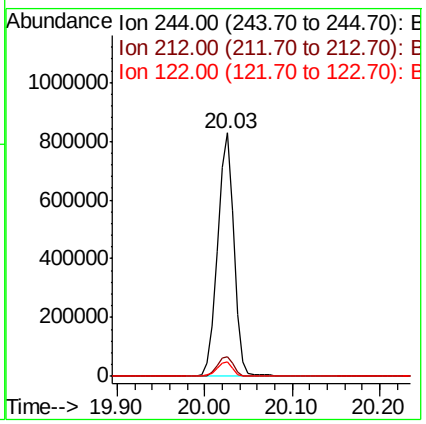


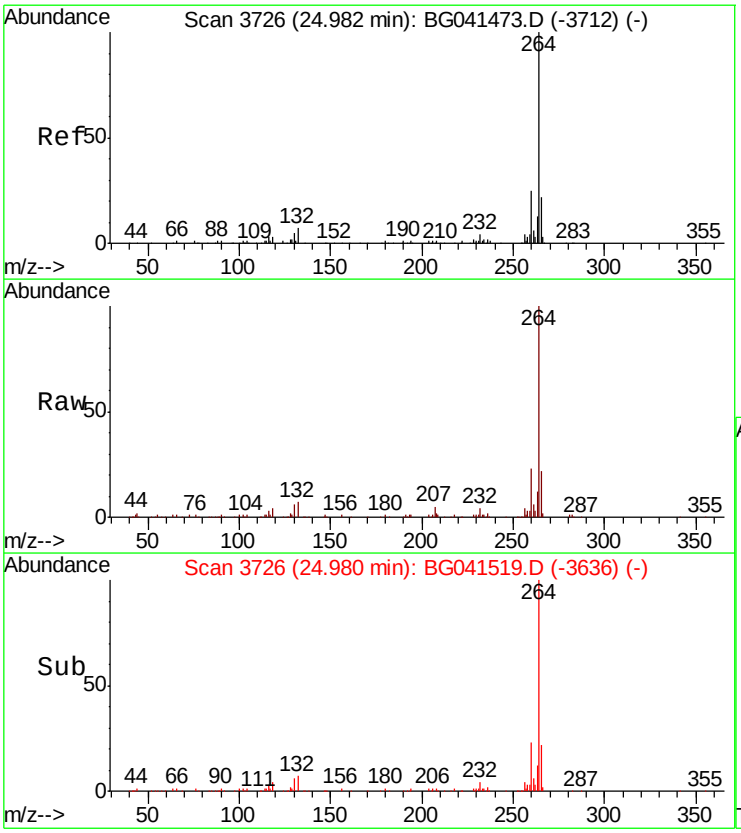
#79
Terphenyl-d14
Concen: 105.460 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Instrument :
BNA_G
ClientSampleId :
CL-02-062619-E

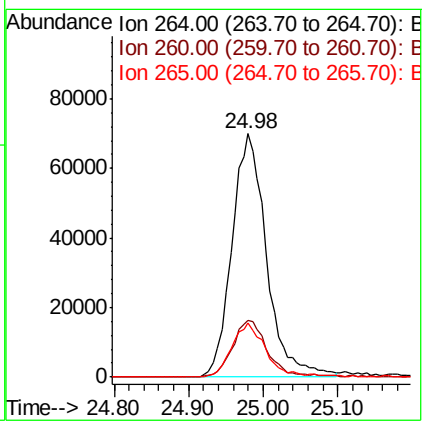
Tgt Ion:244 Resp: 1078836

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	5.8	4.8	7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041519.D
Acq: 28 Jun 2019 19:10

Tgt Ion:264 Resp: 225033

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	22.5	17.4	26.2