Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043702.D
Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 20 02:47:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25728	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	97792	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	74691	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	187798	20.00	ng		0.00
76) Chrysene-d12	21.64	240	217422	20.00	ng		0.00
87) Perylene-d12	24.81	264	248376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	176529	125.73	ng		0.00
7) Phenol-d6	7.18	99	235229	116.45	ng		0.00
23) Nitrobenzene-d5	9.16	82	149128	78.62	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	140937	99.16	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	396963	73.44	ng		0.00
79) Terphenyl-d14	19.98	244	839691	72.45	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.21	94	8720	4.724	ng		84
19) n-Nitroso-di-n-propylamine	9.15	70	20234	15.501	ng	#	77
50) Dimethylphthalate	14.08	163	45007	7.779	ng		97
51) 2,6-Dinitrotoluene	14.63	165	10300	8.195	ng	#	25
57) 2,4-Dinitrotoluene	14.63	165	10300	5.734	ng	#	25
67) 4-Bromophenyl-phenylether	16.11	248	8581	3.395	ng	#	1
77) Benzidine	19.98	184	11698	2.673	ng	#	87

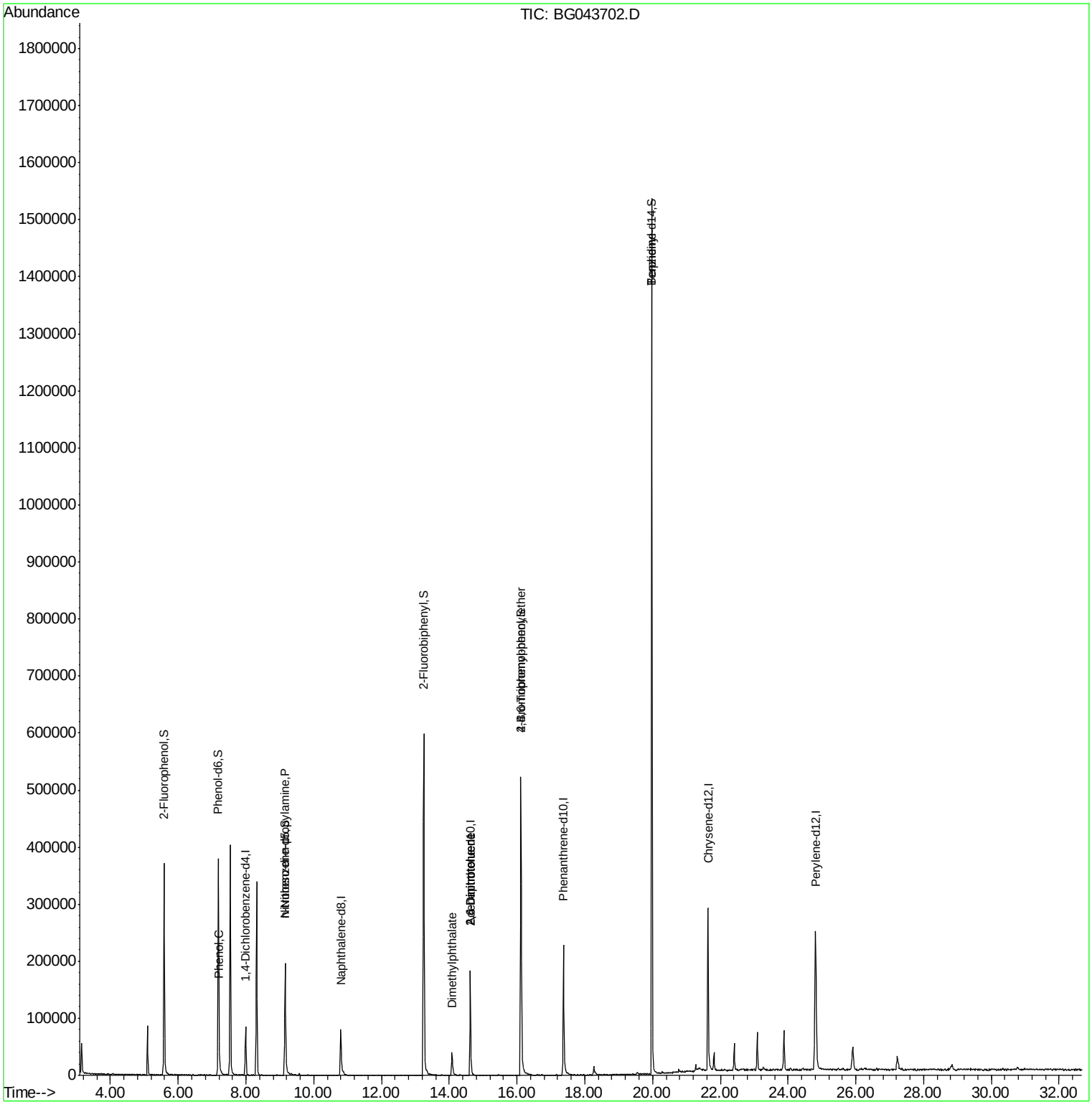
(#) = qualifier out of range (m) = manual integration (+) = signals summed

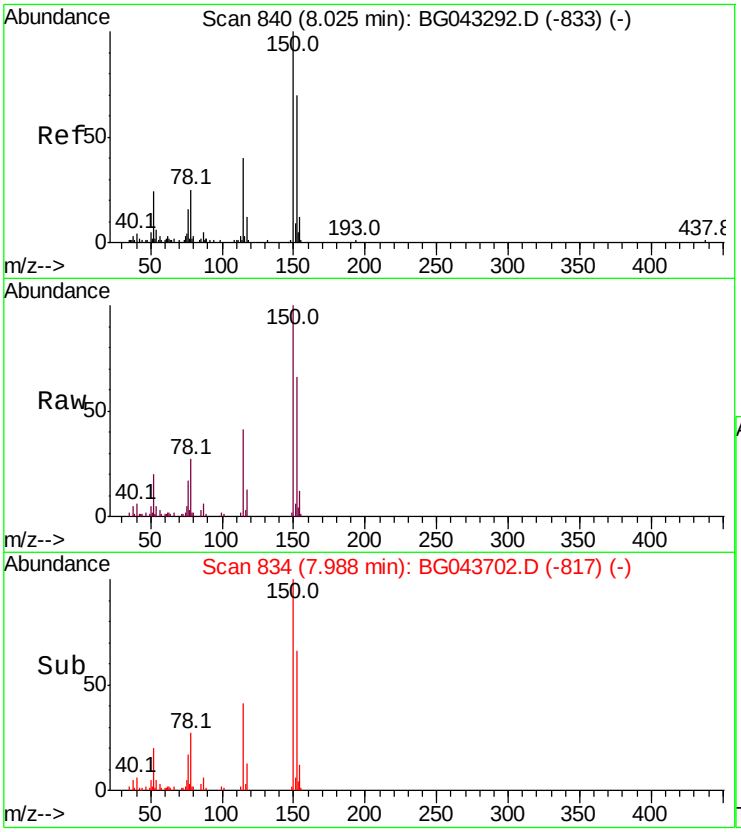
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043702.D
Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 20 02:47:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration



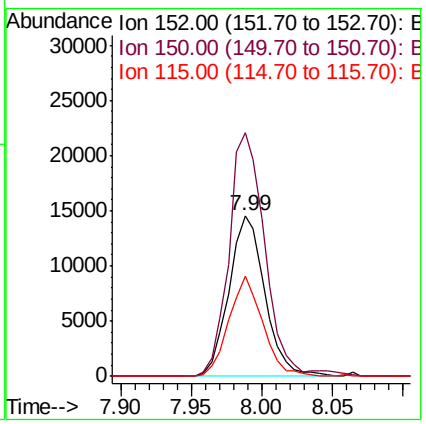


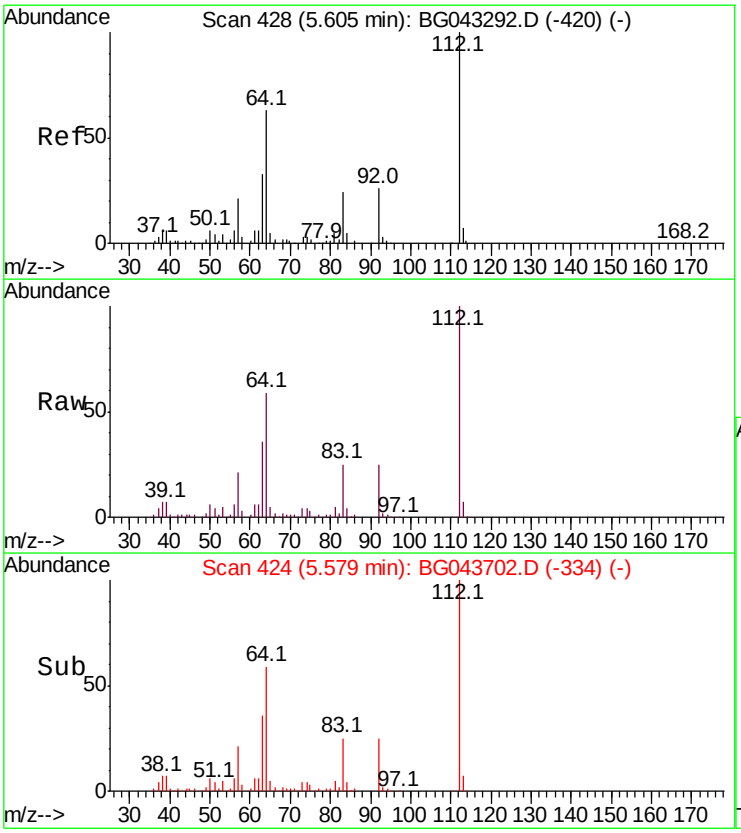
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25728

Ion	Ratio	Lower	Upper
152	100		
150	151.7	116.6	175.0
115	62.8	40.5	60.7#

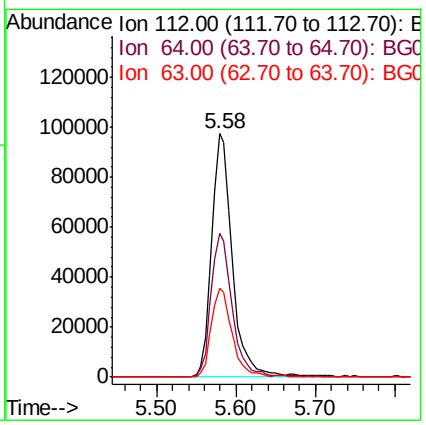


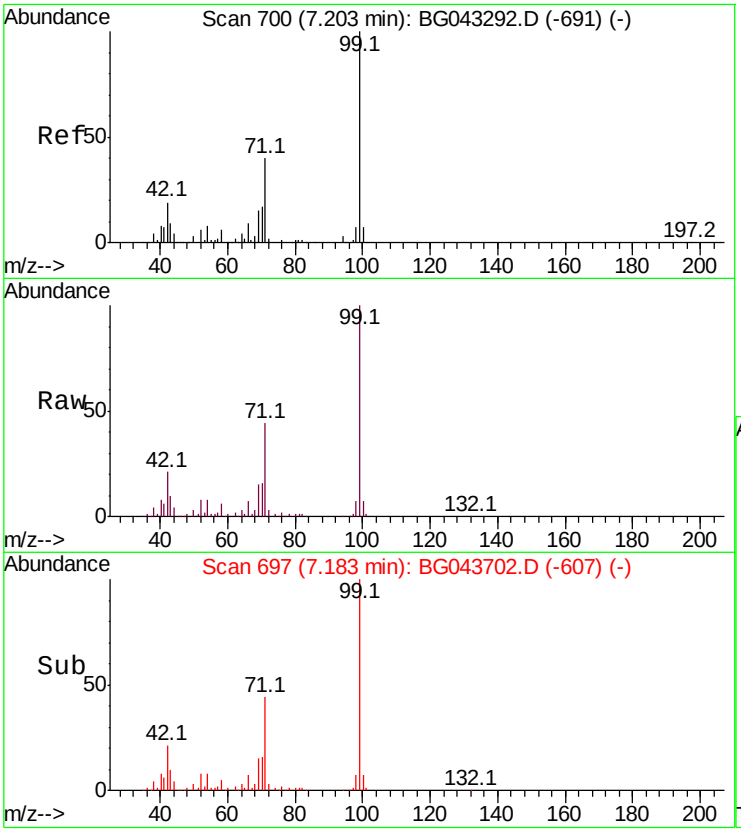


#5
2-Fluorophenol
Concen: 125.731 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:112 Resp: 176529

Ion	Ratio	Lower	Upper
112	100		
64	59.3	50.6	75.8
63	36.3	30.5	45.7



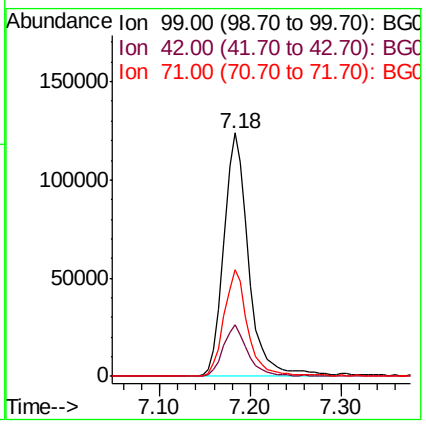


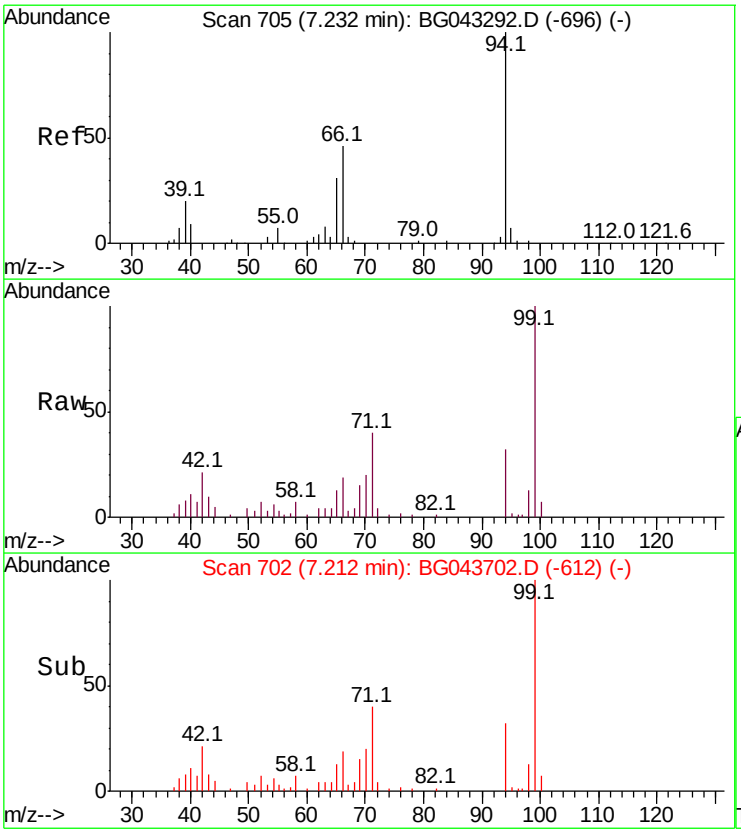
#7
Phenol-d6
Concen: 116.447 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 235229

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.8	23.8
71	44.0	34.4	51.6

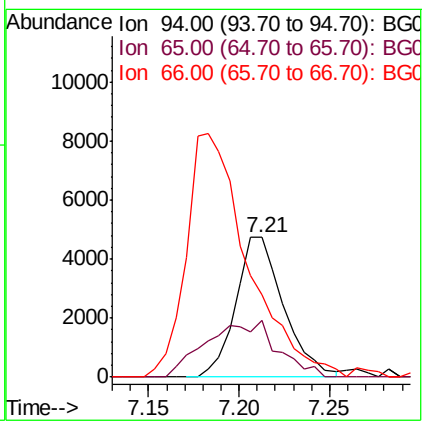


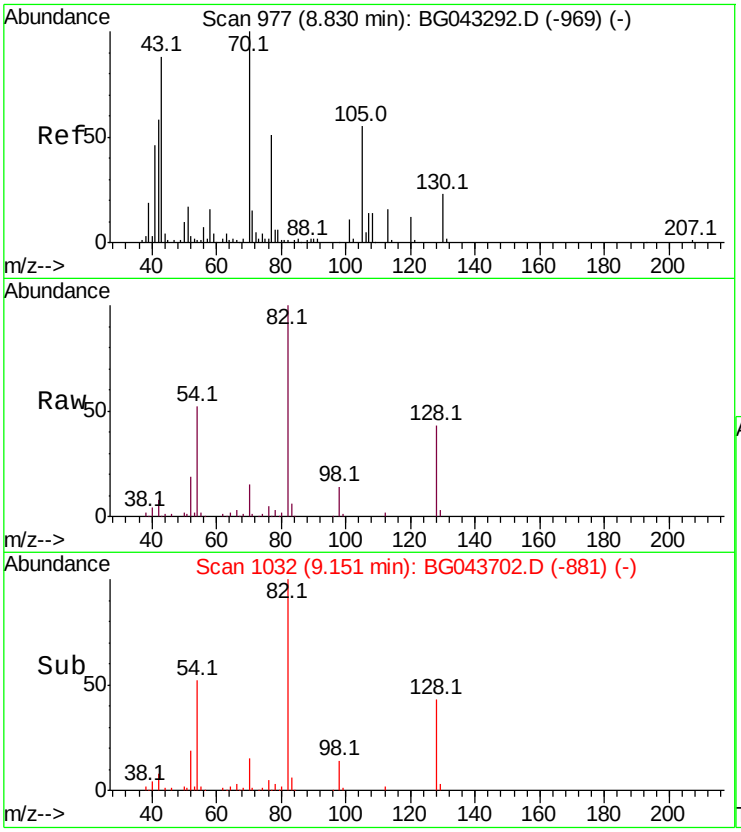


#10
Phenol
Concen: 4.724 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion: 94 Resp: 8720

Ion	Ratio	Lower	Upper
94	100		
65	40.7	11.4	51.4
66	59.0	28.4	68.4



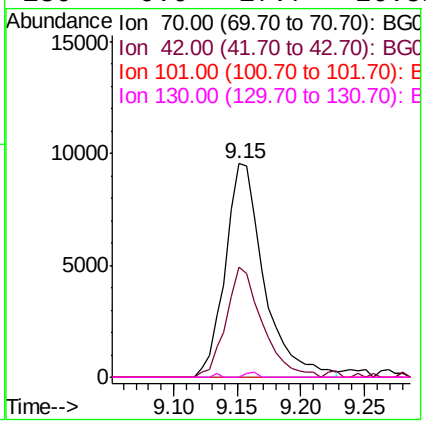


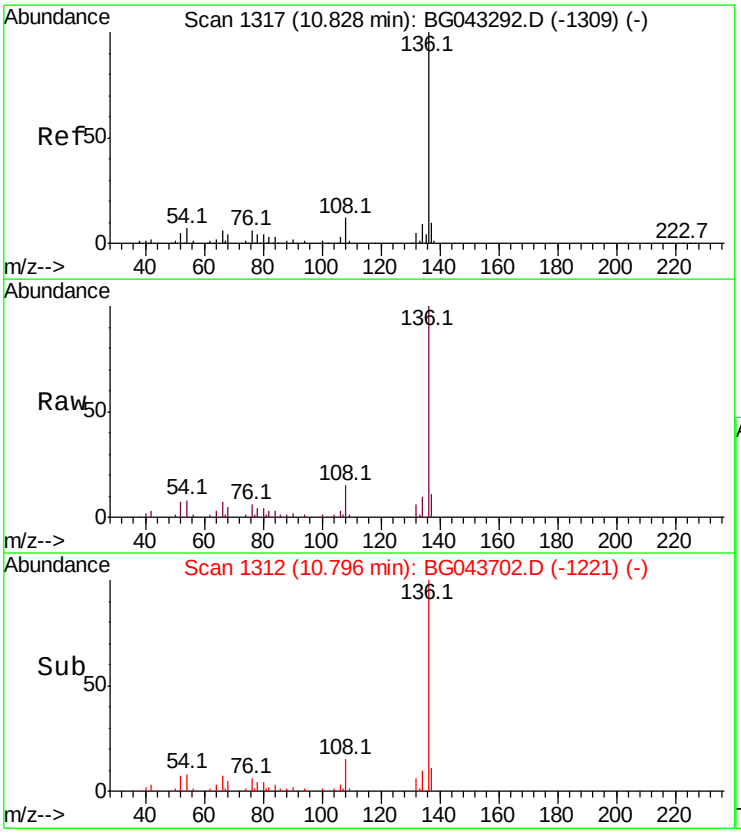
#19
n-Nitroso-di-n-propylamine
Concen: 15.501 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 20234

Ion	Ratio	Lower	Upper
70	100		
42	51.6	49.7	74.5
101	0.0	9.7	14.5#
130	0.0	17.7	26.5#

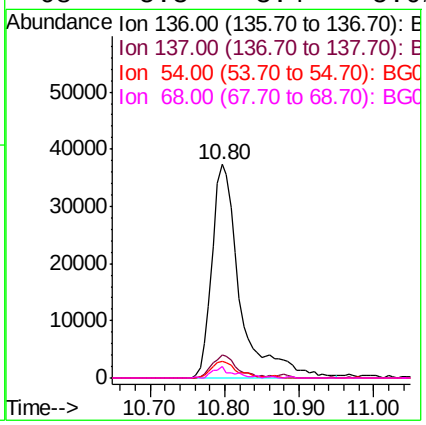


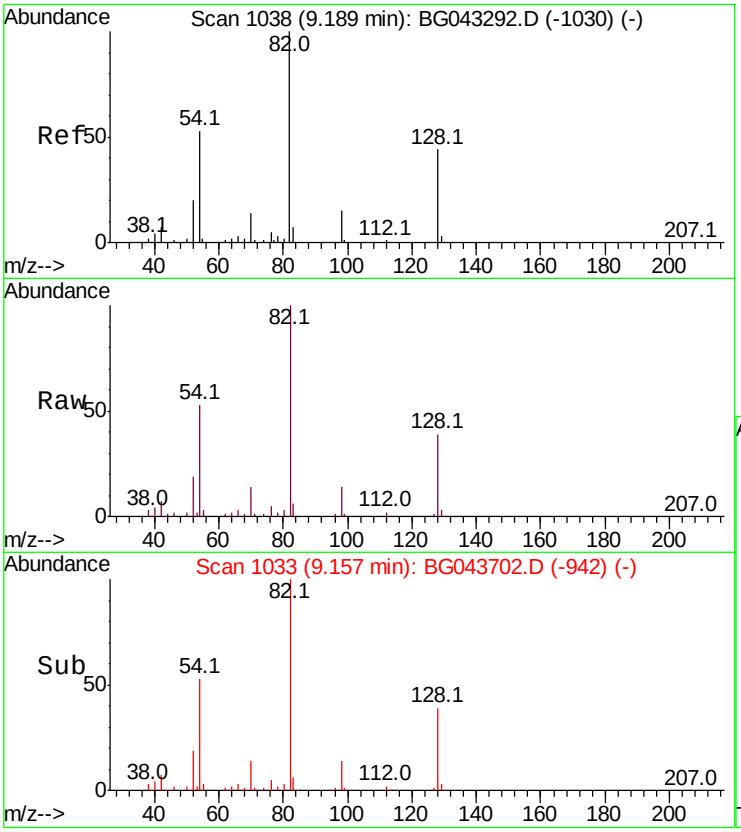


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:136 Resp: 97792

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	6.2	9.2
68	5.3	3.4	5.0#



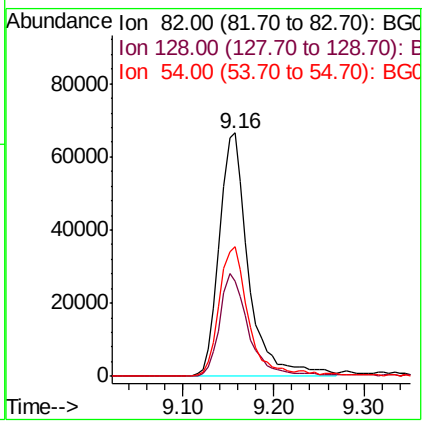


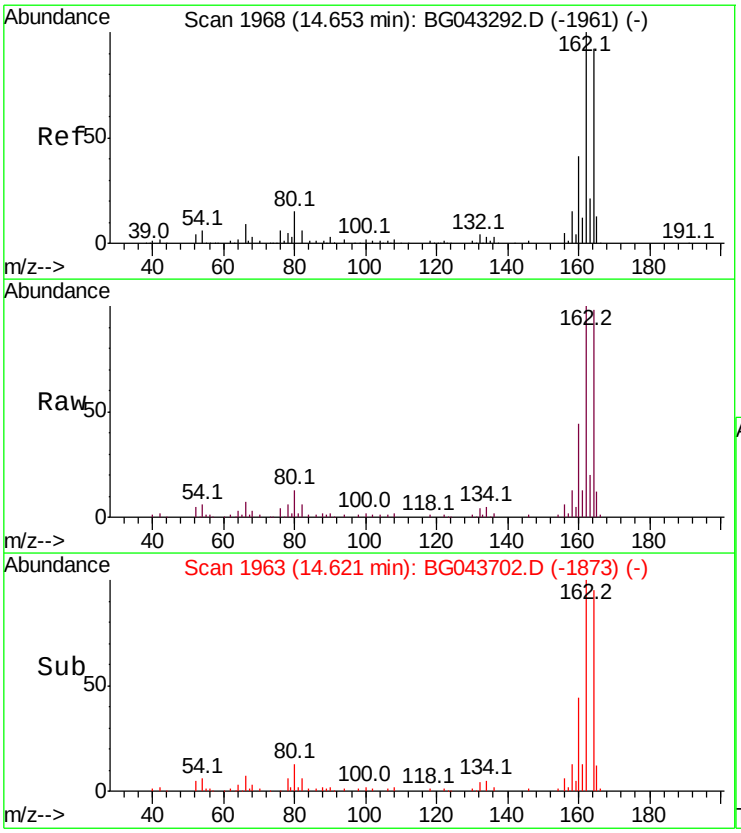
#23
Nitrobenzene-d5
Concen: 78.618 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 149128

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.2	51.4
54	53.0	44.7	67.1

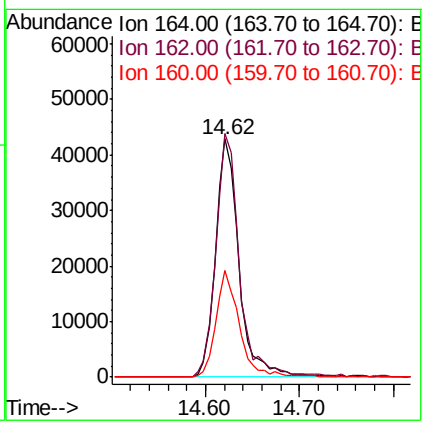


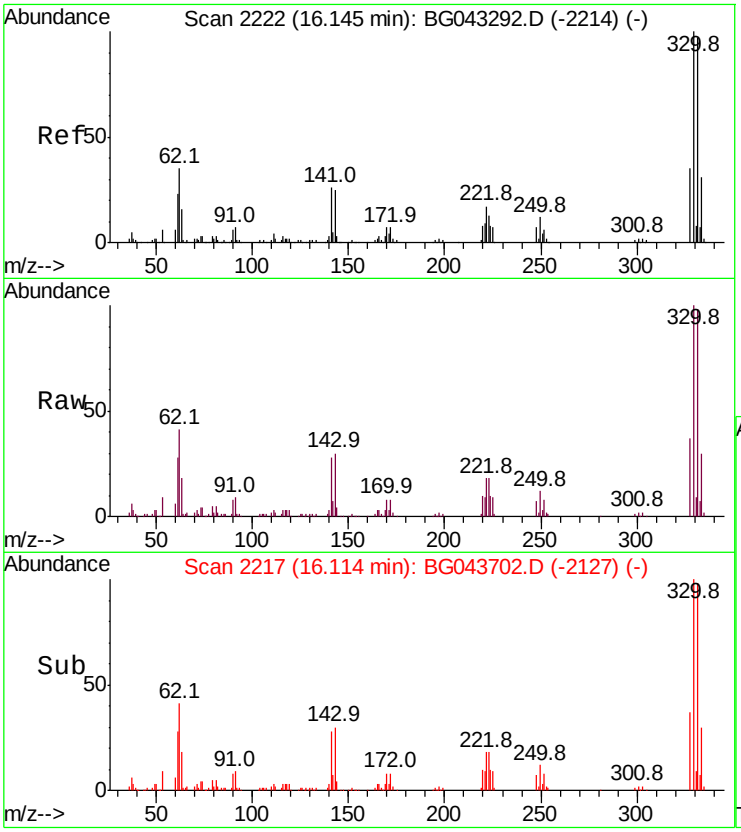


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:164 Resp: 74691

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.4	119.2
160	44.7	36.3	54.5



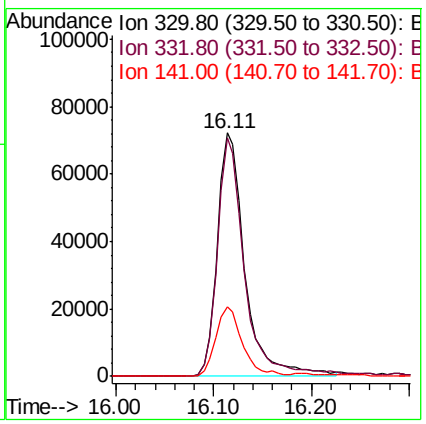


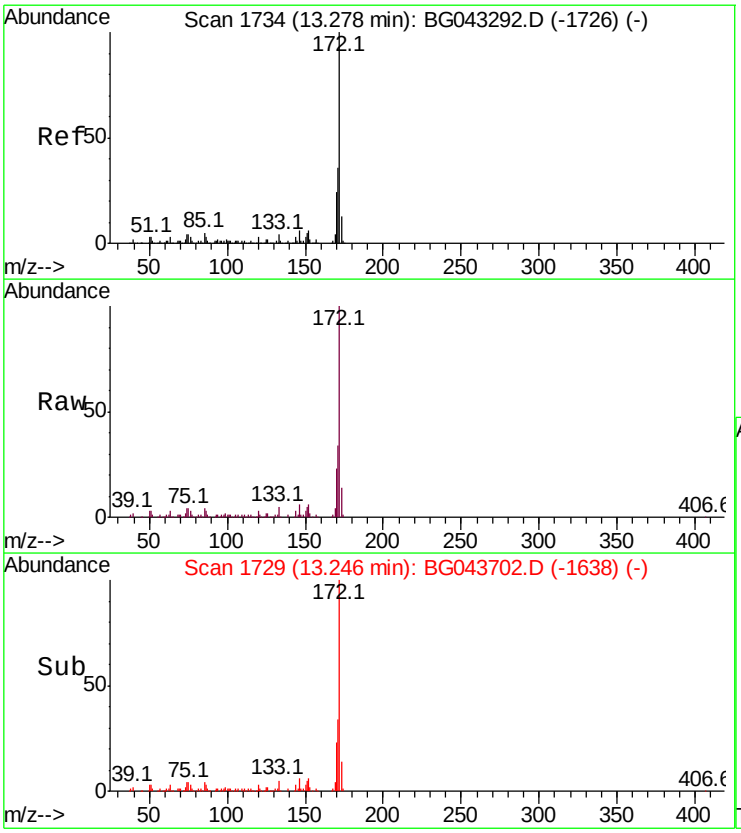
#42
2,4,6-Tribromophenol
Concen: 99.156 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 140937

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	28.0	23.4	35.2

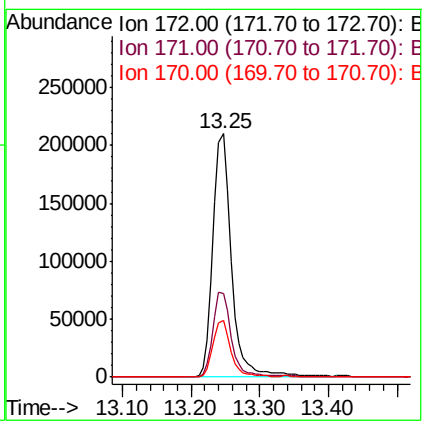


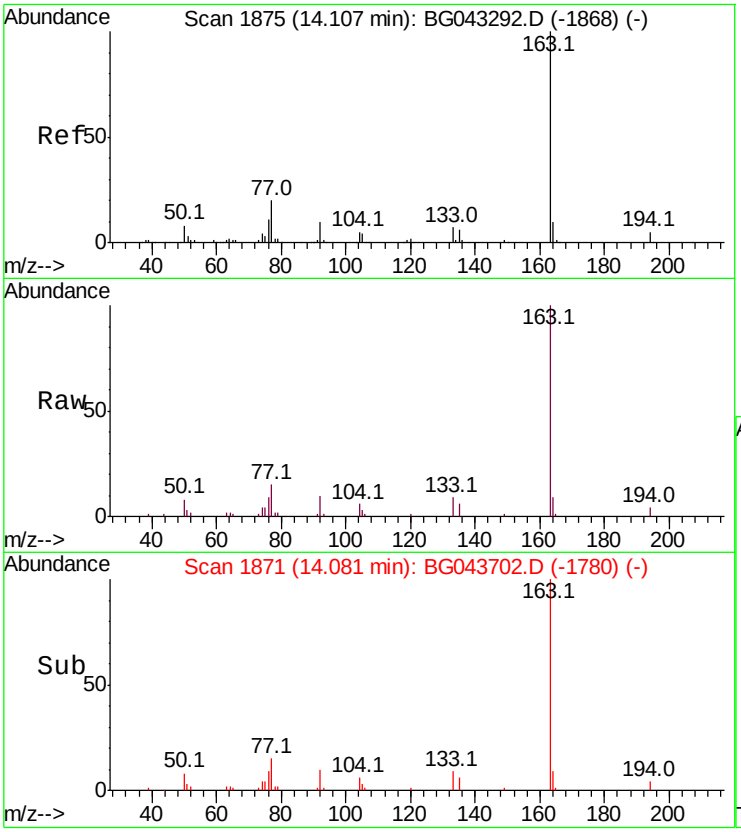


#45
2-Fluorobiphenyl
Concen: 73.439 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:172 Resp: 396963

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.3	18.8	28.2



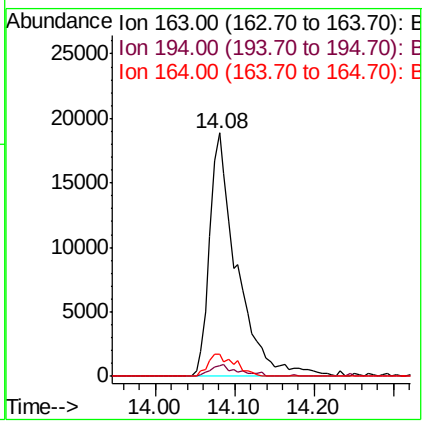


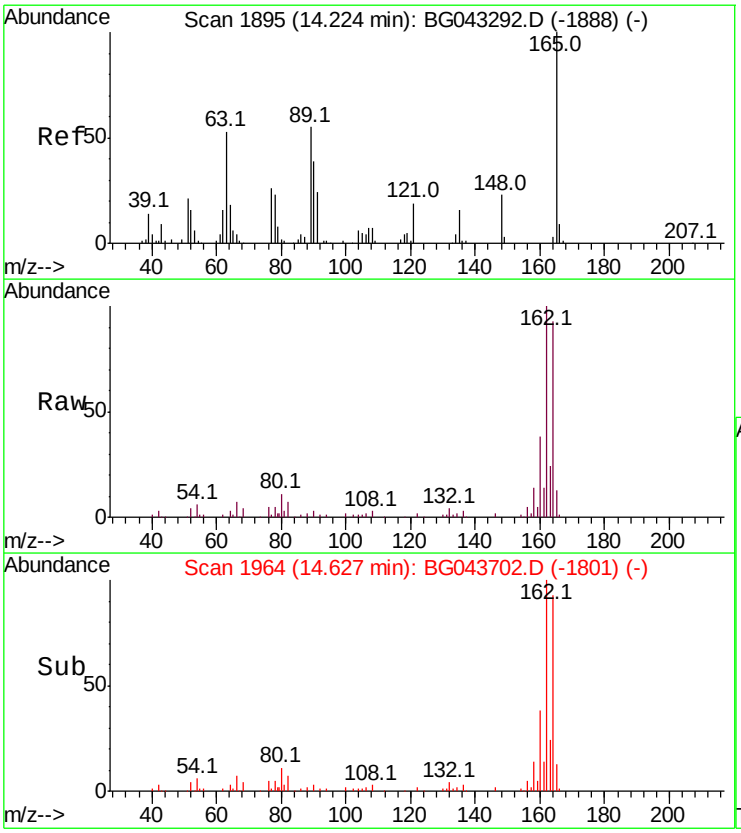
#50
Dimethylphthalate
Concen: 7.779 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 45007

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.8
164	9.1	8.5	12.7

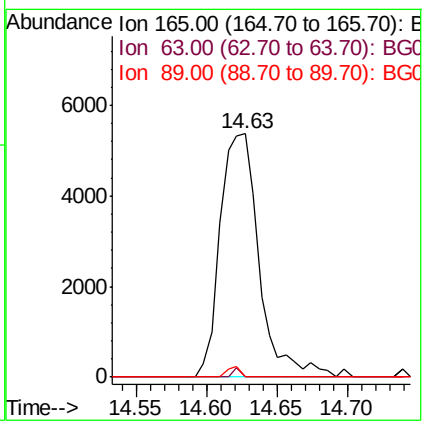


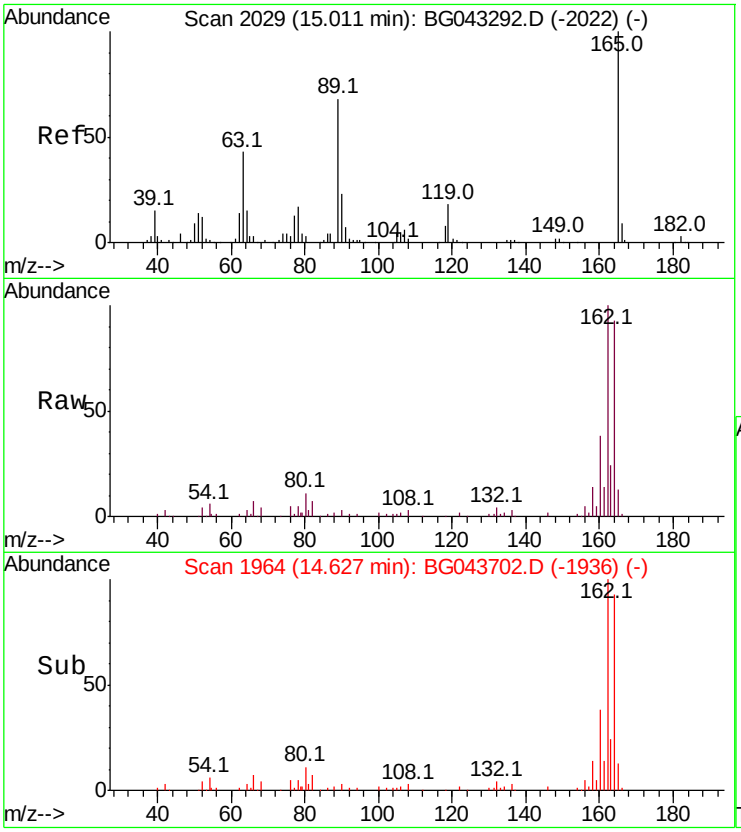


#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:165 Resp: 10300

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	0.0	39.8	59.8#



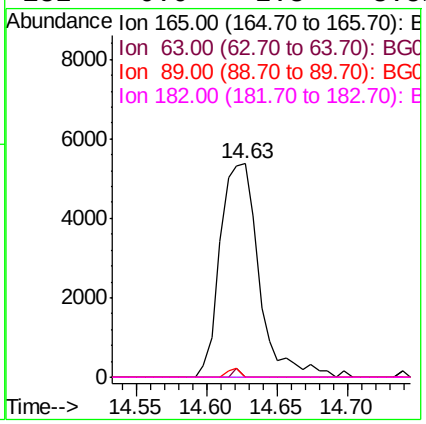


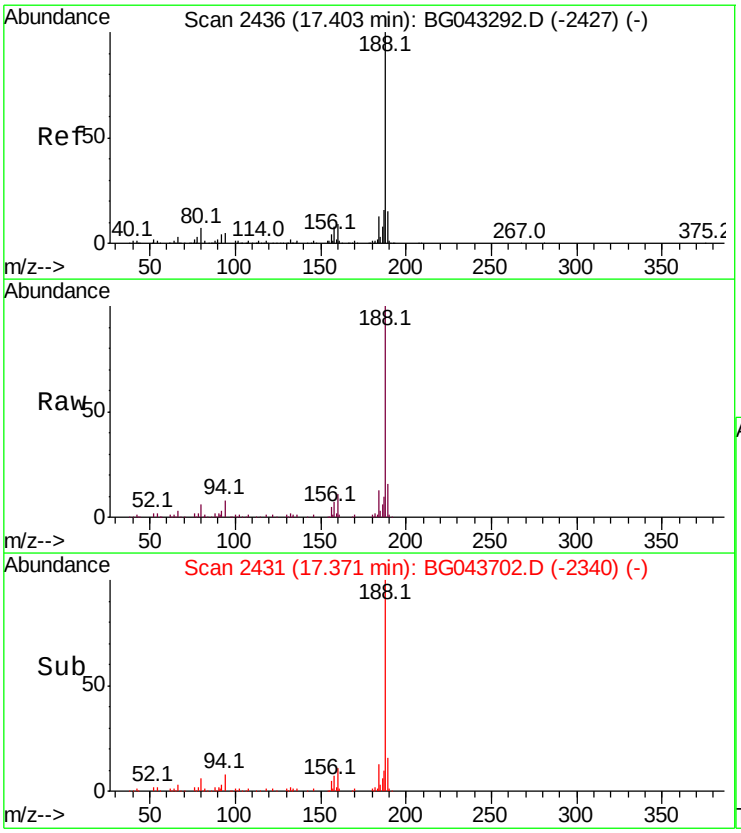
#57
2,4-Dinitrotoluene
Concen: 5.734 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.37 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10300

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#

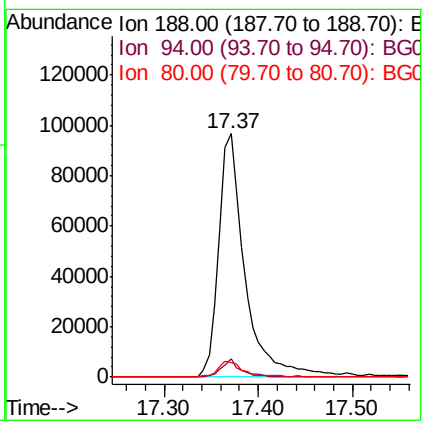


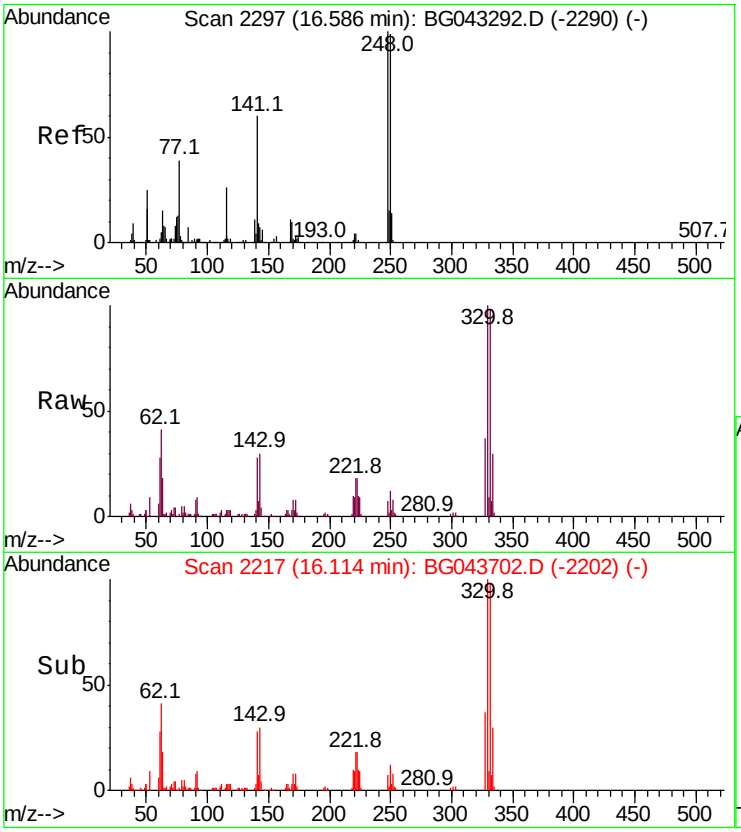


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:188 Resp: 187798

Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.6	7.0#
80	6.2	5.2	7.8



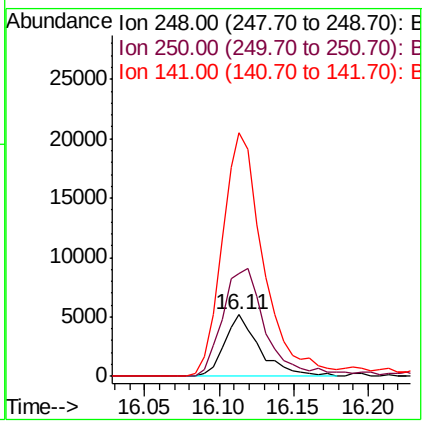


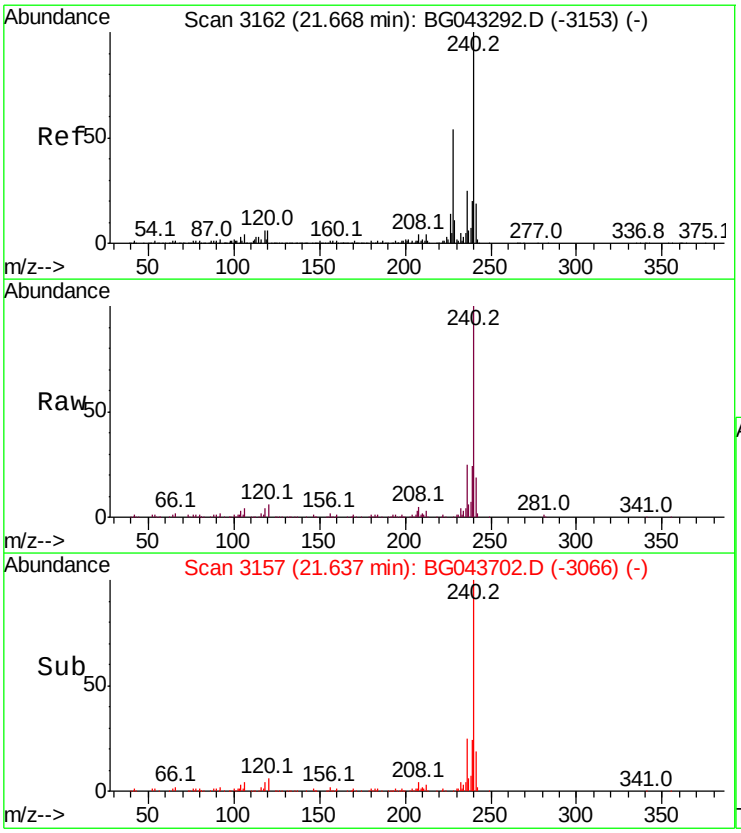
#67
4-Bromophenyl-phenylether
Concen: 3.395 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.44 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8581

Ion	Ratio	Lower	Upper
248	100		
250	166.9	76.3	114.5#
141	396.0	49.5	74.3#

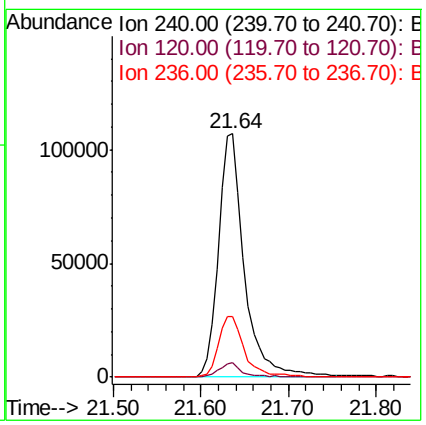


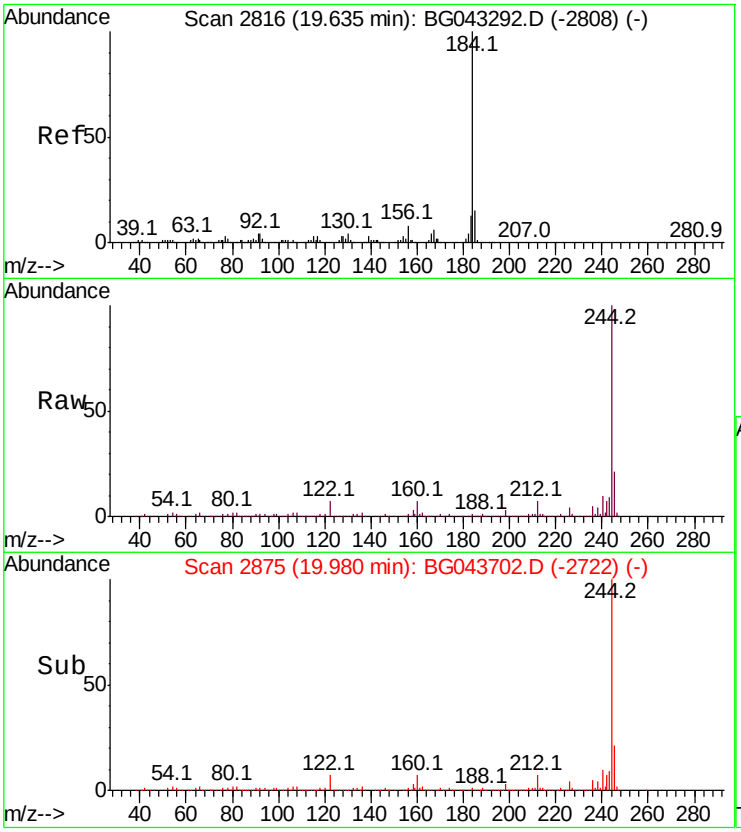


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:240 Resp: 217422

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.9	7.3
236	24.9	21.4	32.0



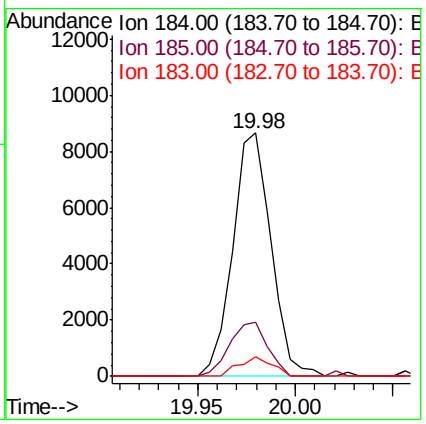


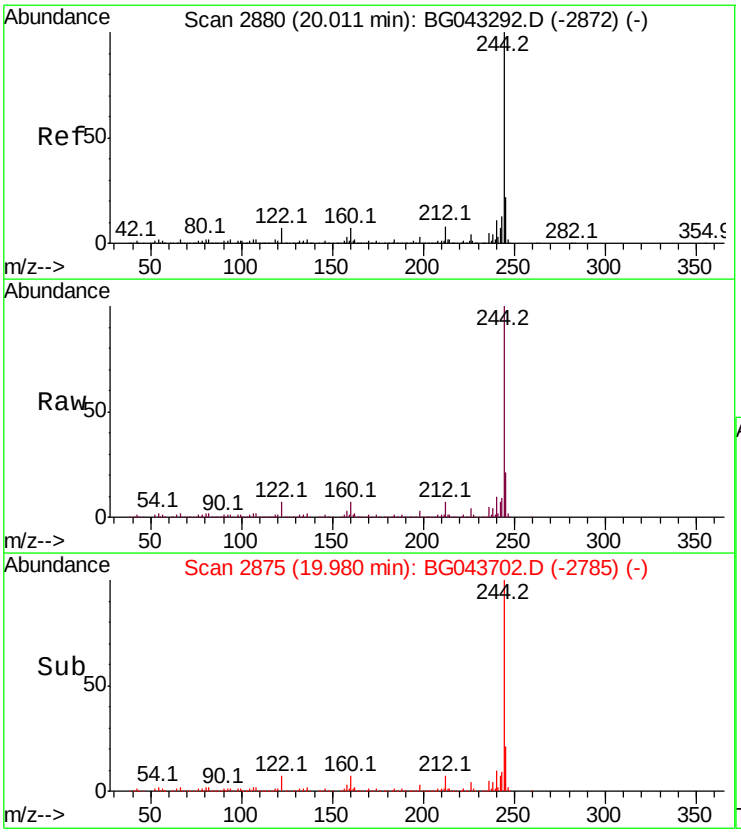
#77
Benzidine
Concen: 2.673 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.37 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 11698

Ion	Ratio	Lower	Upper
184	100		
185	22.5	12.7	19.1#
183	7.9	8.8	13.2#

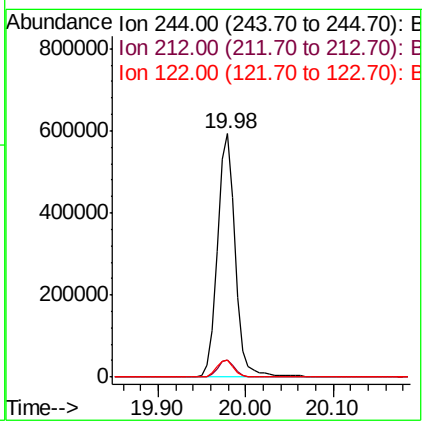


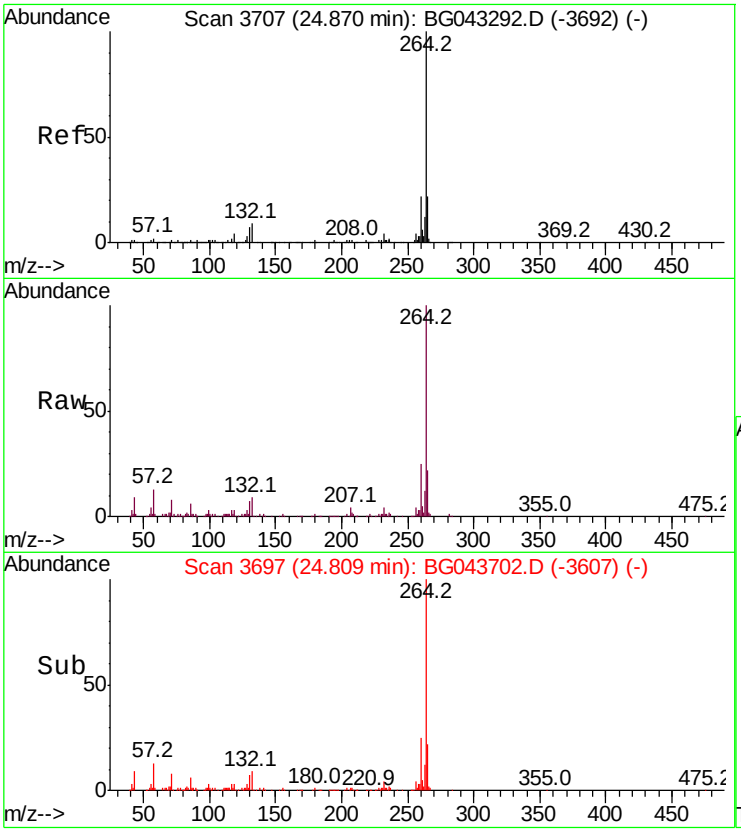


#79
Terphenyl-d14
Concen: 72.454 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Tgt Ion:244 Resp: 839691

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	6.8	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG043702.D
Acq: 19 Nov 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 248376

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	22.3	15.8	23.8