Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043734.D
Acq On : 20 Nov 2019 19:08
Operator : JU
Sample : K5916-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 00:36:06 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	26772	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	90211	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	71590	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	183255	20.00	ng	0.00
76) Chrysene-d12	21.63	240	196537	20.00	ng	0.00
87) Perylene-d12	24.81	264	227580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	216204	147.98	ng	0.00
7) Phenol-d6	7.18	99	291671	138.76	ng	0.00
23) Nitrobenzene-d5	9.15	82	179163	102.39	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	177190	130.06	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	476055	91.89	ng	0.00
79) Terphenyl-d14	19.98	244	1082815	103.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	4287	7.530	ng	# 1
15) Benzyl Alcohol	8.31	79	3550	2.405	ng	# 53
19) n-Nitroso-di-n-propylamine	9.15	70	25195	18.549	ng	# 72
51) 2,6-Dinitrotoluene	14.62	165	9779	8.118	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	9779	5.680	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	11403	4.624	ng	# 1
77) Benzidine	19.98	184	15546	3.930	ng	# 85

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

Quantitation Report (Not Reviewed)

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ClientSampleId :

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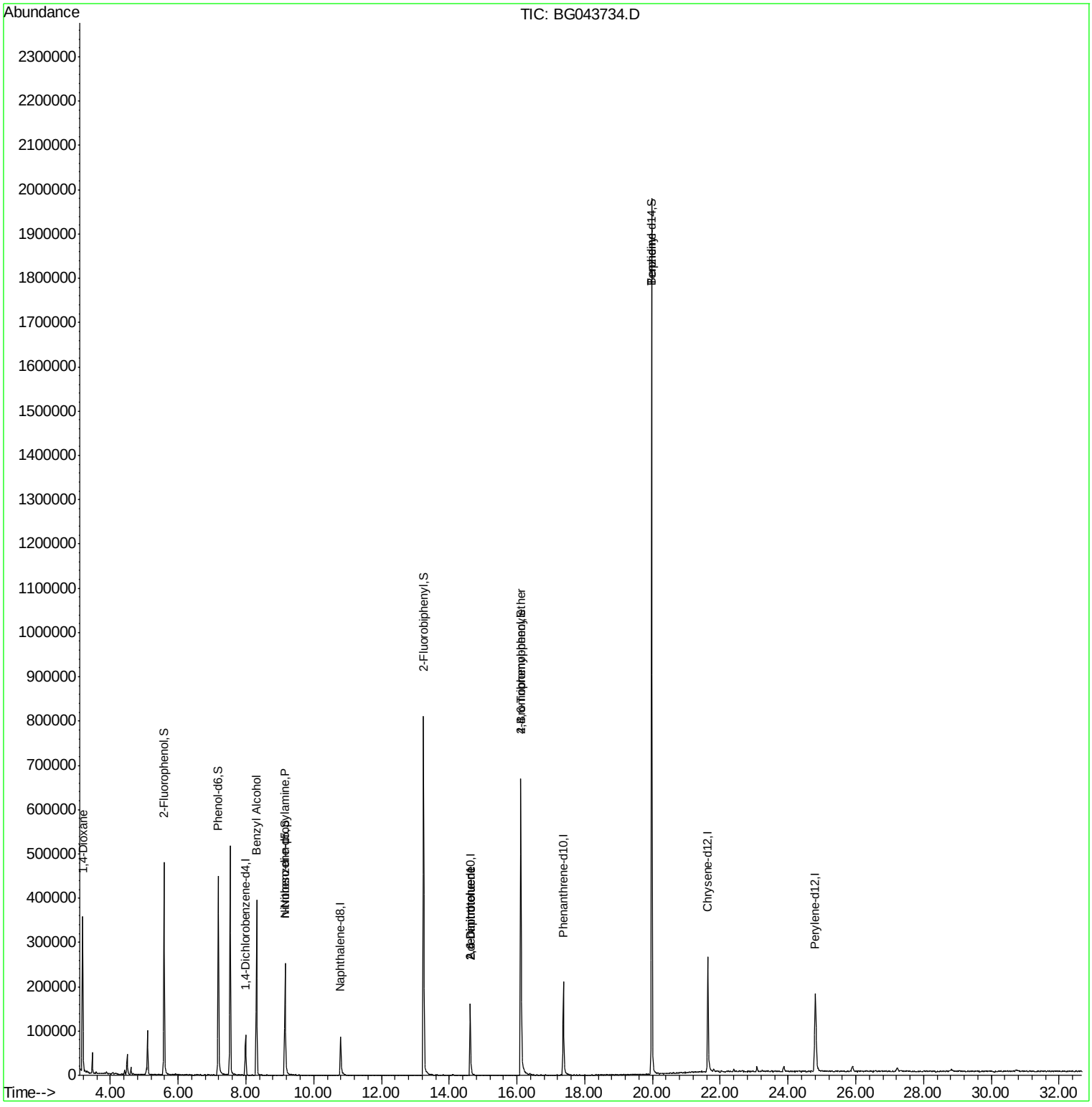
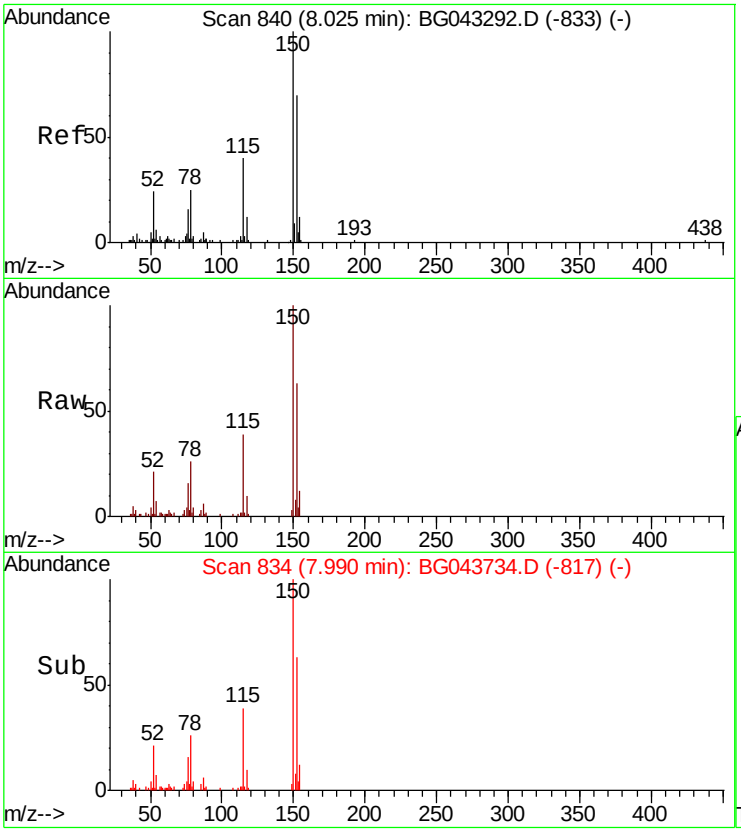
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration



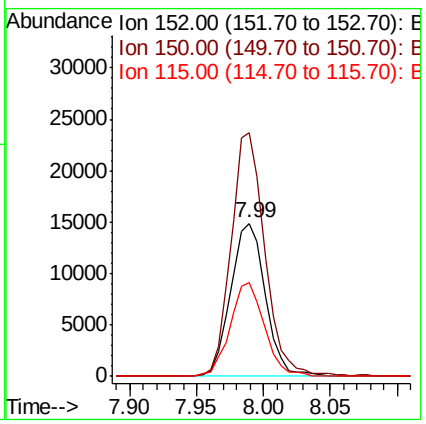


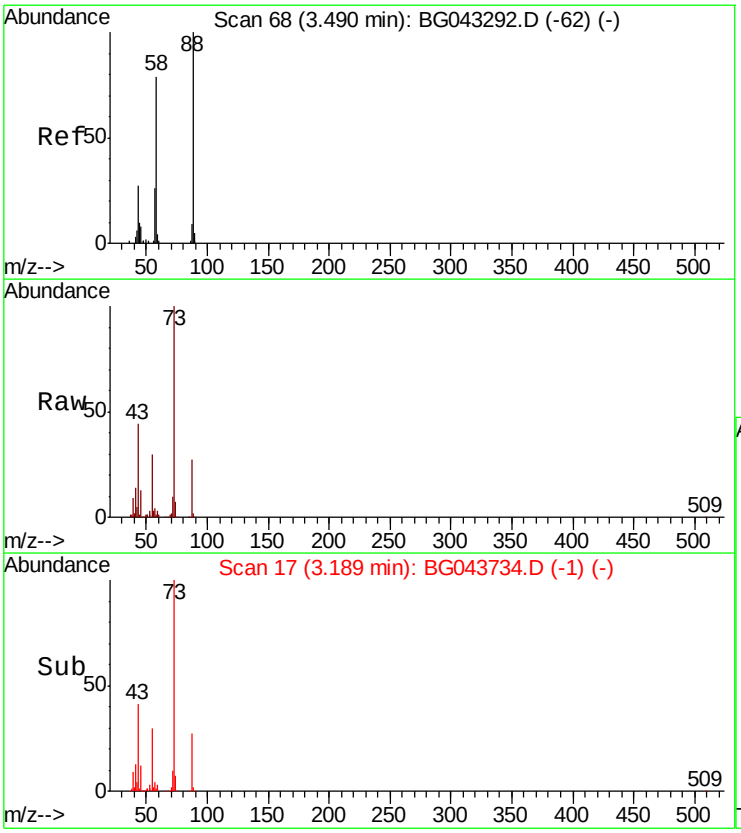
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26772

Ion	Ratio	Lower	Upper
152	100		
150	159.4	116.6	175.0
115	61.8	40.5	60.7#

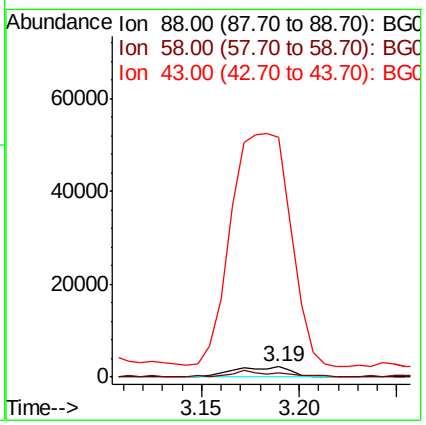


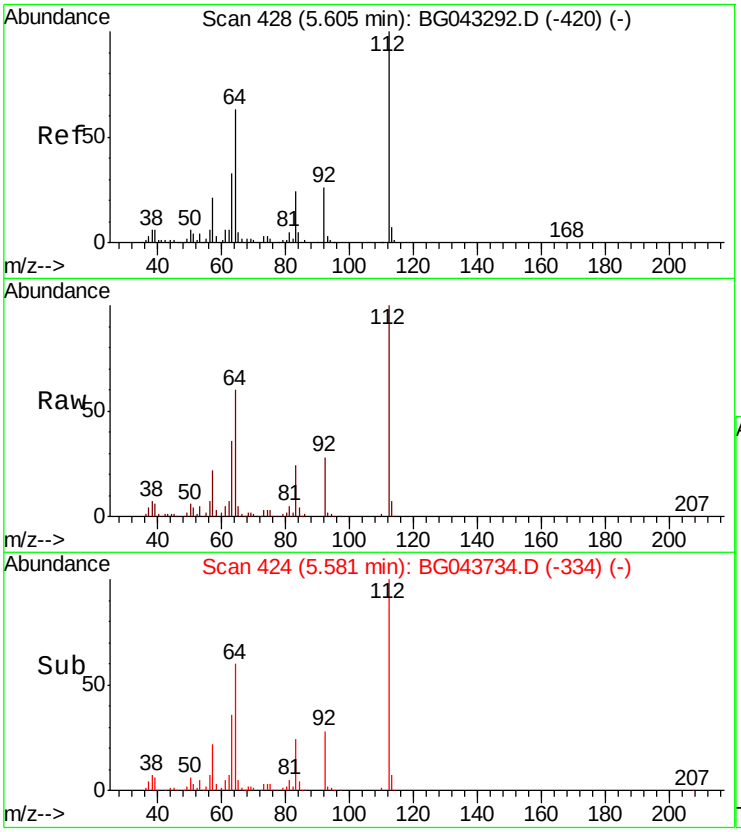


#2
1,4-Dioxane
Concen: 7.530 ng
RT: 3.19 min Scan# 17
Delta R.T. -0.26 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion: 88 Resp: 4287

Ion	Ratio	Lower	Upper
88	100		
58	64.5	62.2	93.4
43	2472.7	30.1	45.1#



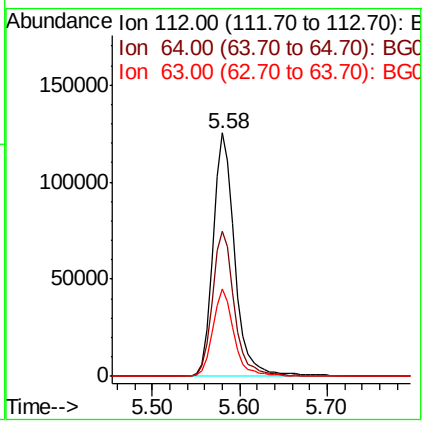


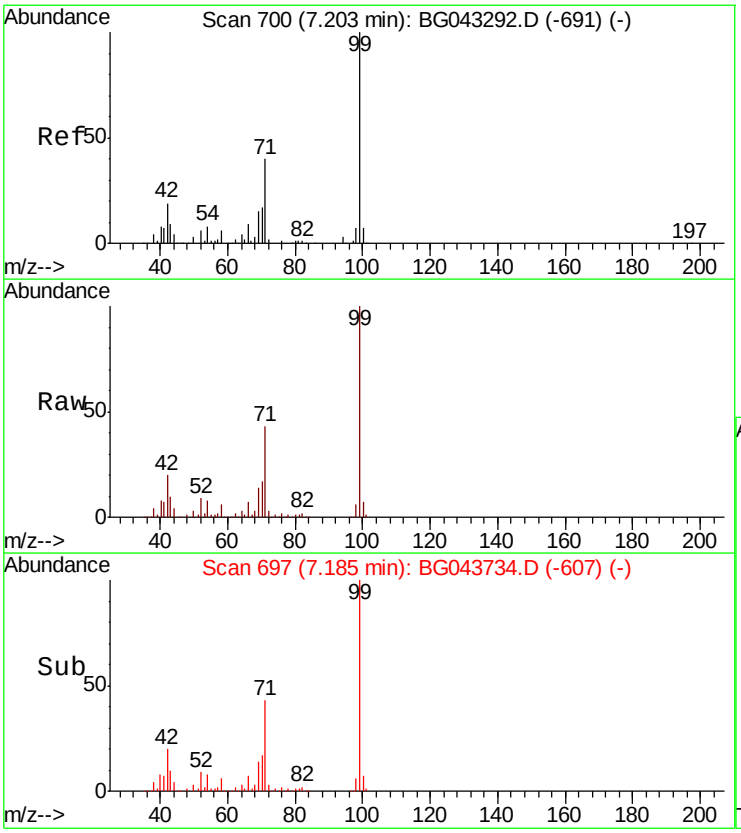
#5
2-Fluorophenol
Concen: 147.984 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 216204

Ion	Ratio	Lower	Upper
112	100		
64	59.5	50.6	75.8
63	36.0	30.5	45.7

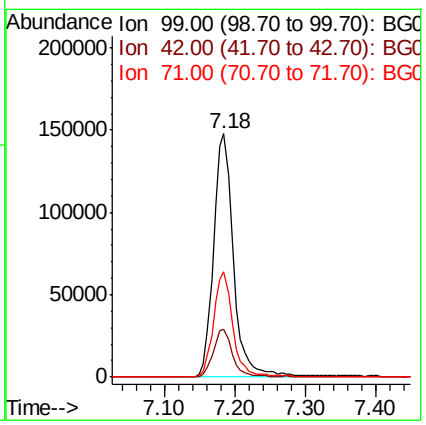


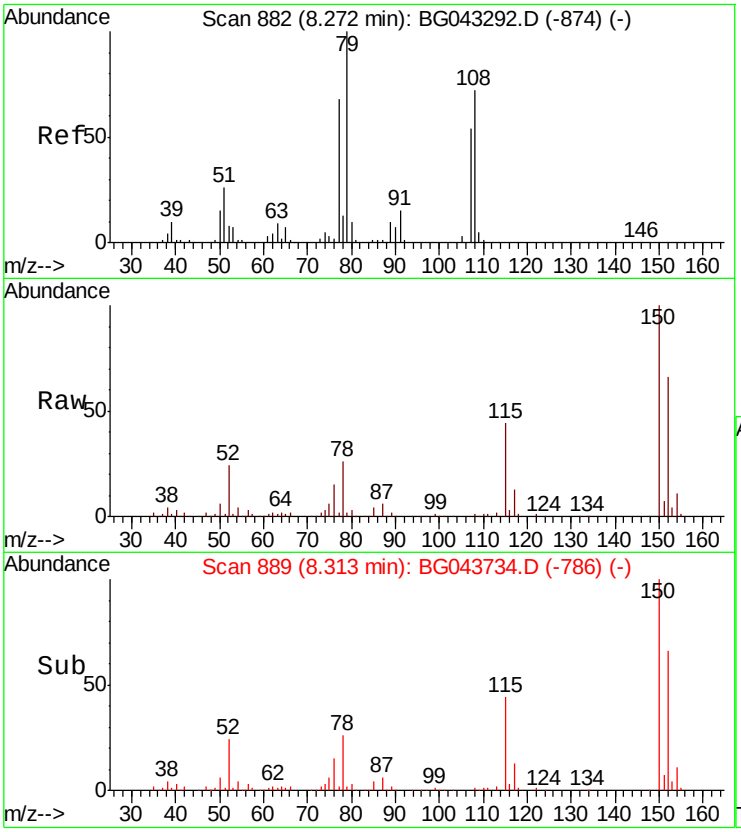


#7
Phenol-d6
Concen: 138.757 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion: 99 Resp: 291671

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.8
71	43.4	34.4	51.6



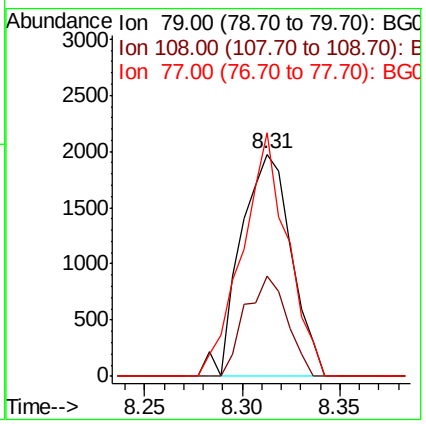


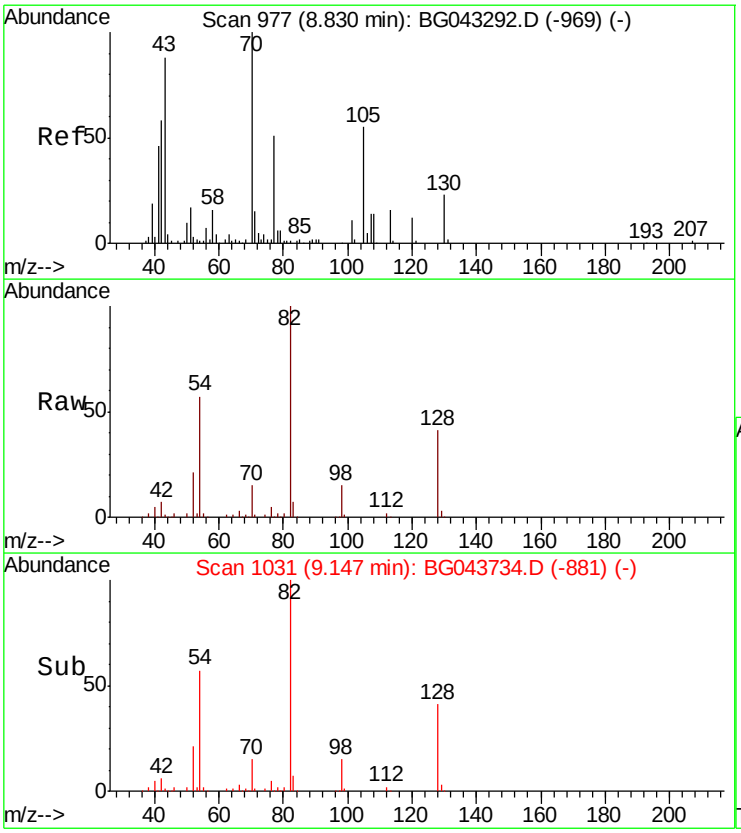
#15
Benzyl Alcohol
Concen: 2.405 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.08 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3550

Ion	Ratio	Lower	Upper
79	100		
108	45.1	56.0	84.0#
77	109.6	47.9	71.9#

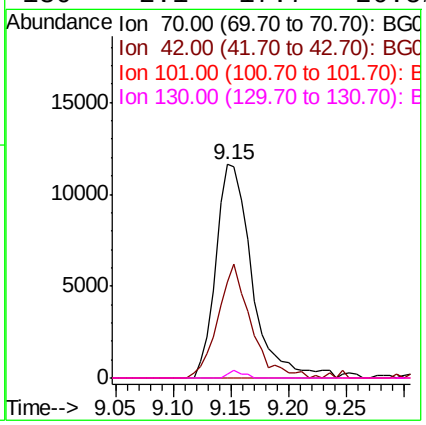


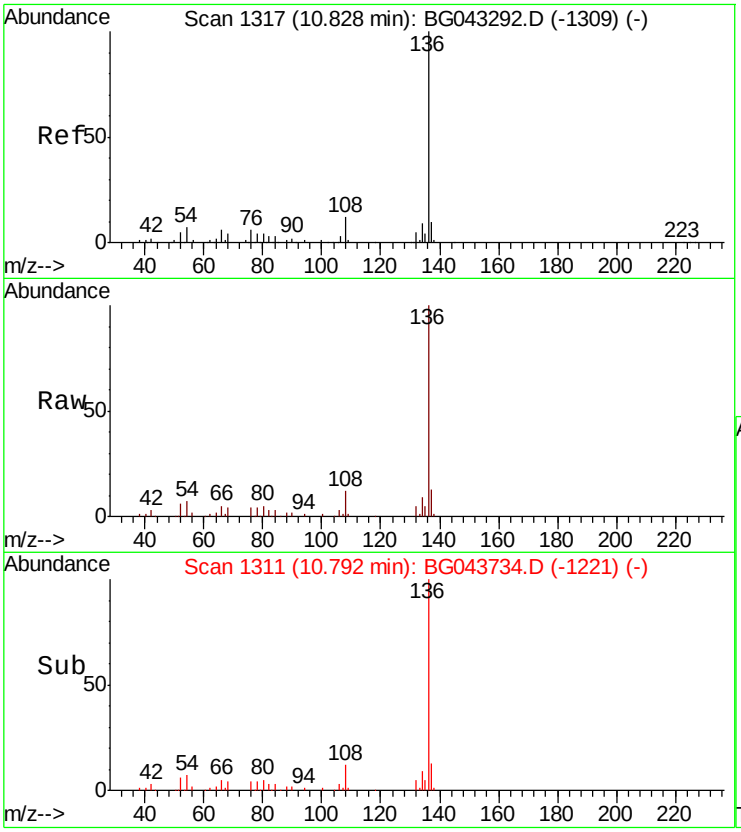


#19
n-Nitroso-di-n-propylamine
Concen: 18.549 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.35 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion: 70 Resp: 25195

Ion	Ratio	Lower	Upper
70	100		
42	44.7	49.7	74.5#
101	0.0	9.7	14.5#
130	2.1	17.7	26.5#



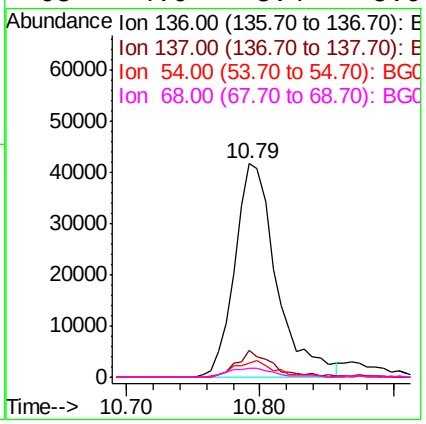


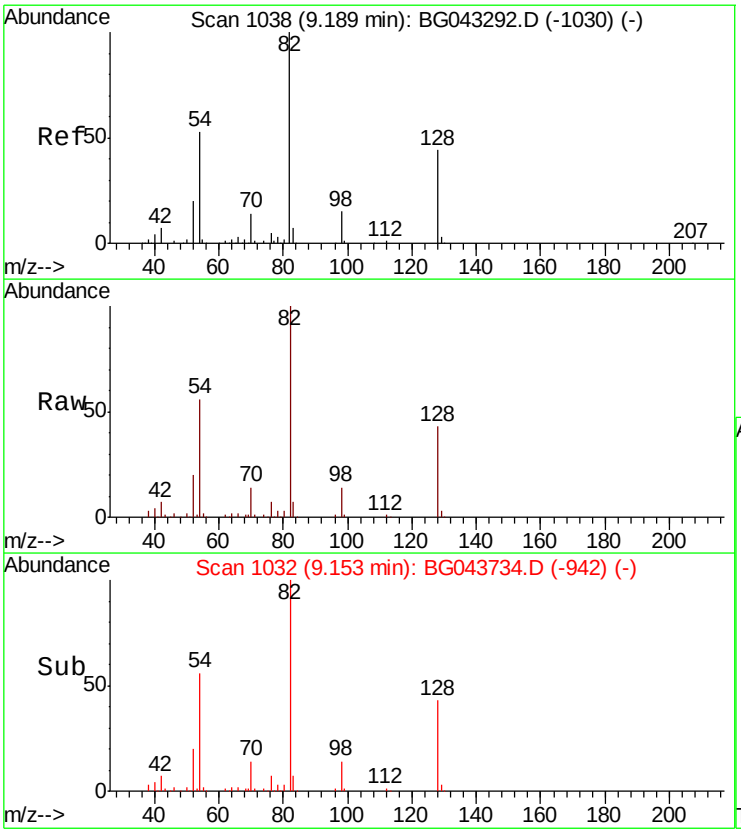
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 90211

Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.8	13.2
54	6.6	6.2	9.2
68	4.0	3.4	5.0

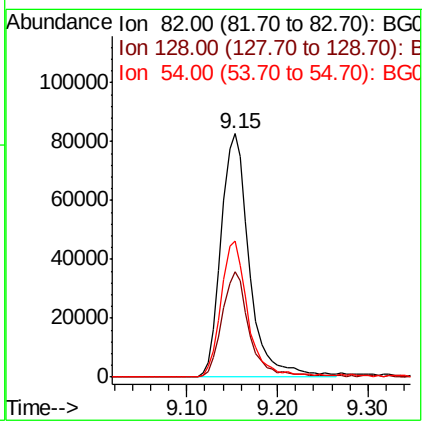


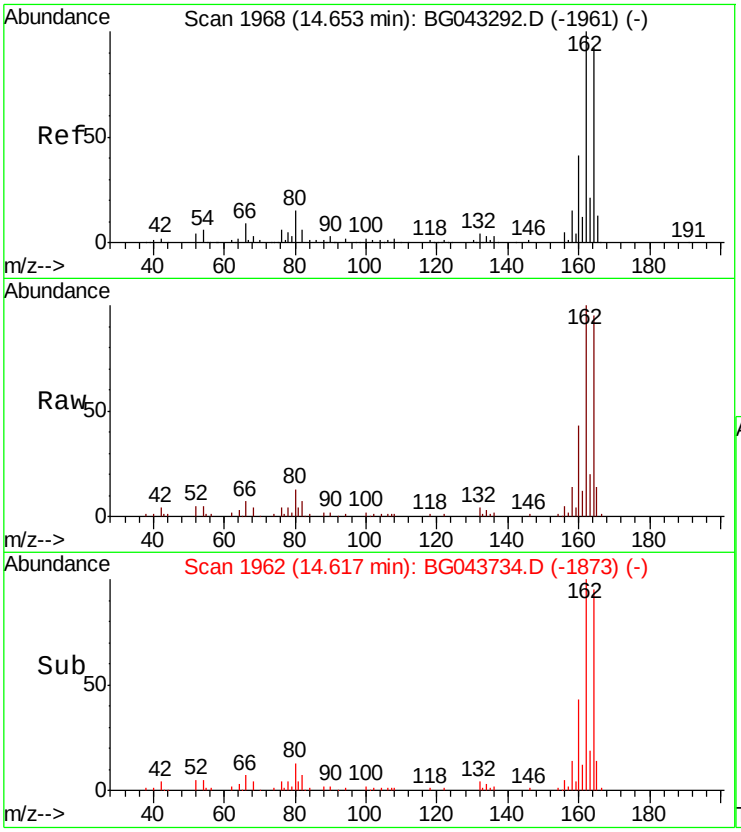


#23
Nitrobenzene-d5
Concen: 102.390 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion: 82 Resp: 179163

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.4
54	55.9	44.7	67.1



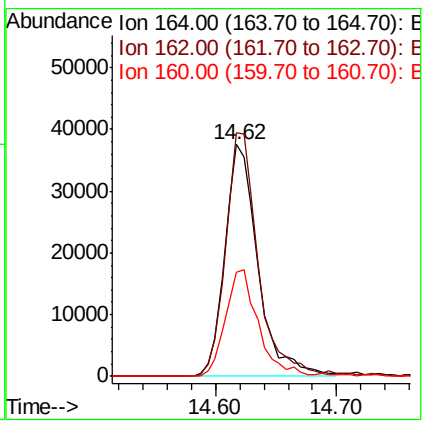


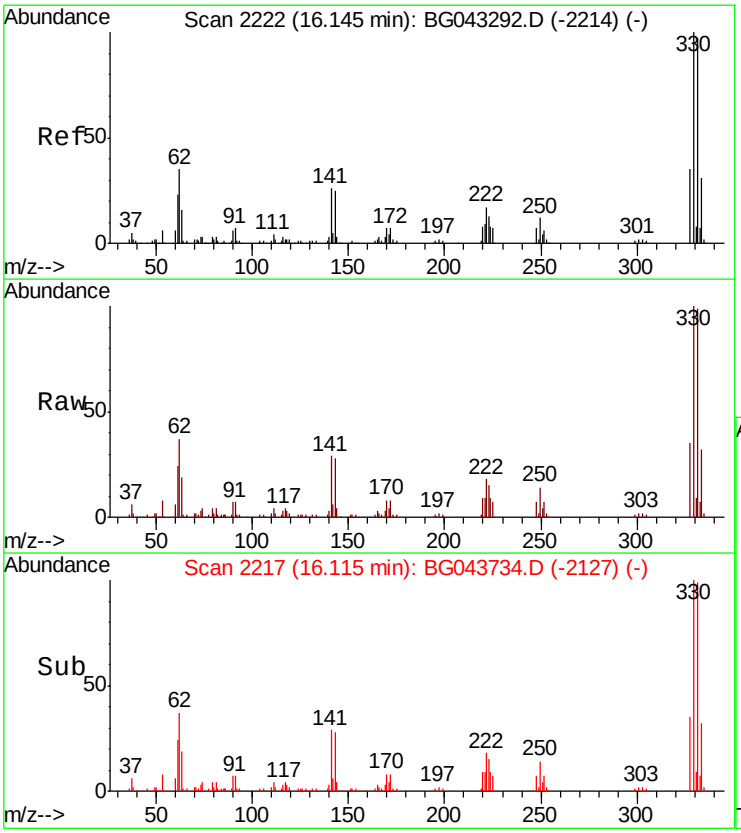
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 71590

Ion	Ratio	Lower	Upper
164	100		
162	105.1	79.4	119.2
160	45.2	36.3	54.5

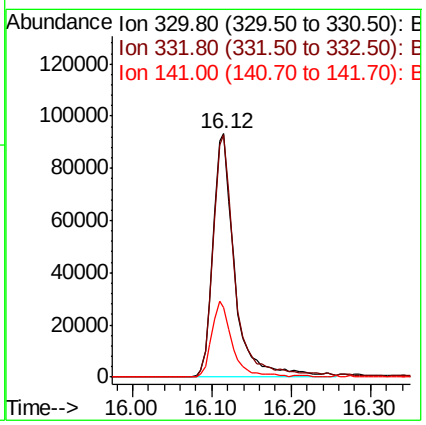


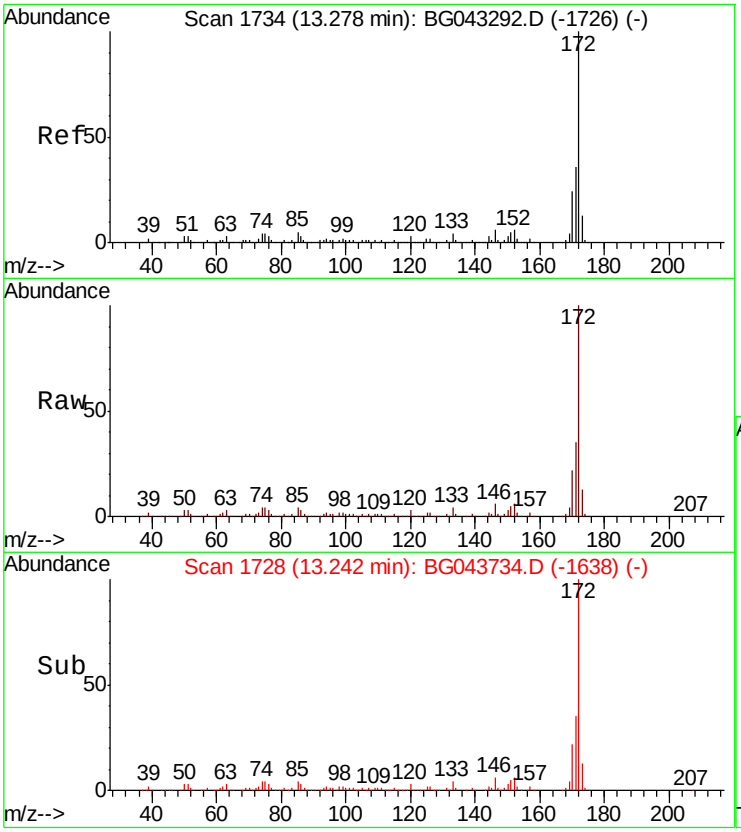


#42
2,4,6-Tribromophenol
Concen: 130.061 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion:330 Resp: 177190

Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.6	115.0
141	29.3	23.4	35.2



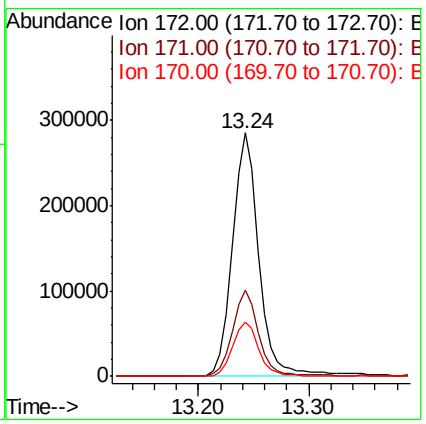


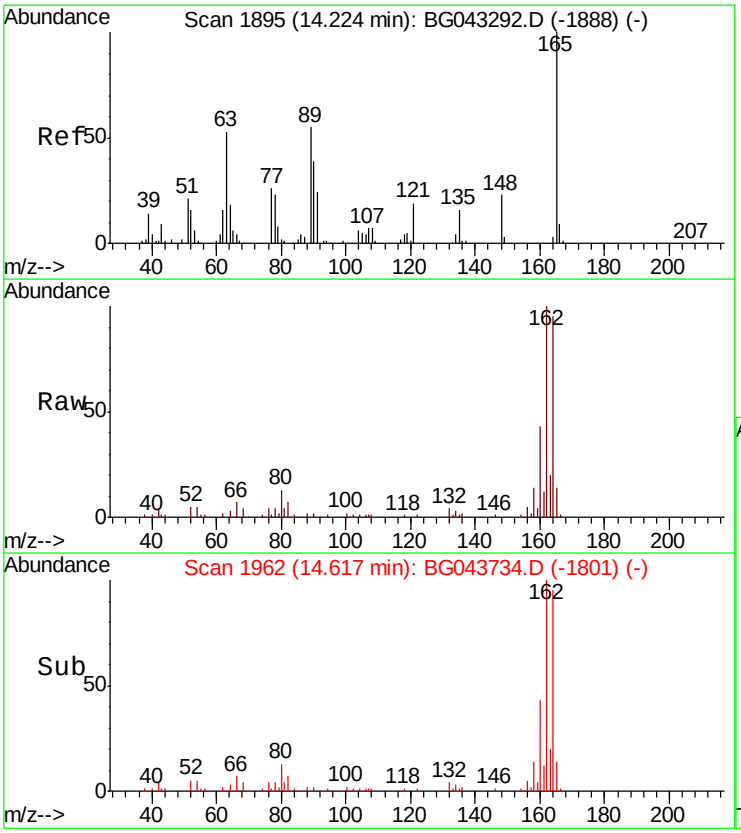
#45
2-Fluorobiphenyl
Concen: 91.886 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 476055

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	22.2	18.8	28.2

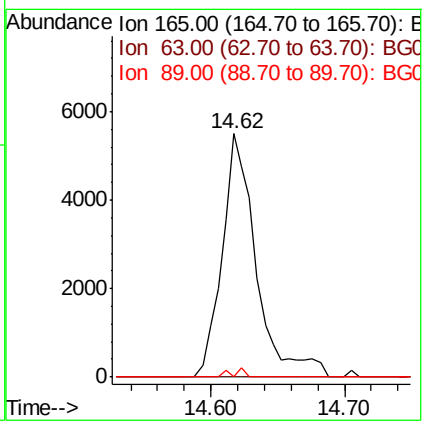


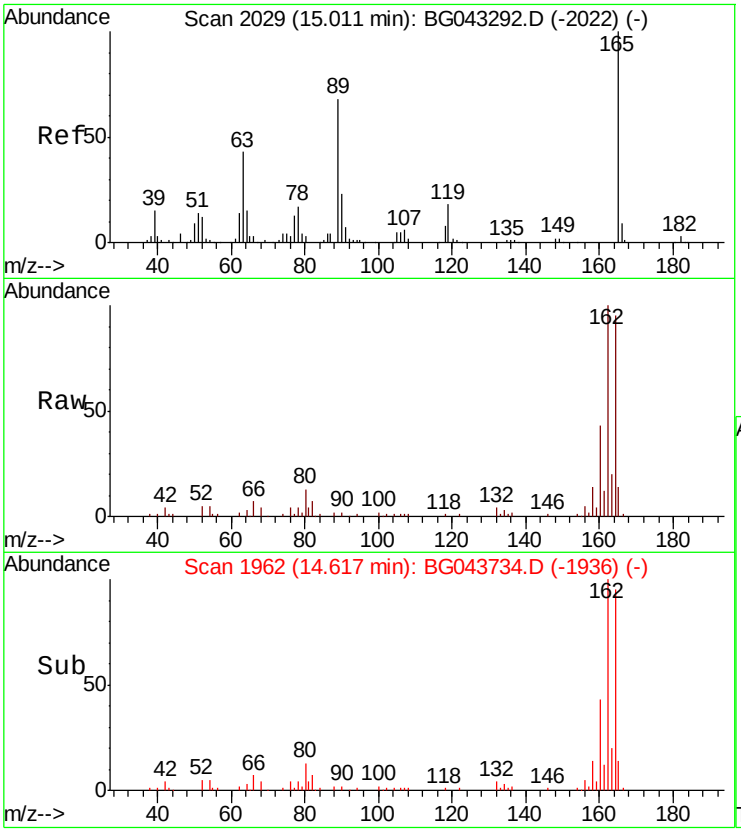


#51
2,6-Dinitrotoluene
Concen: 8.118 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.42 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion:165 Resp: 9779

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



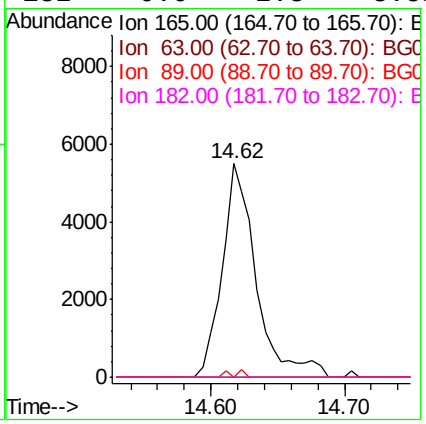


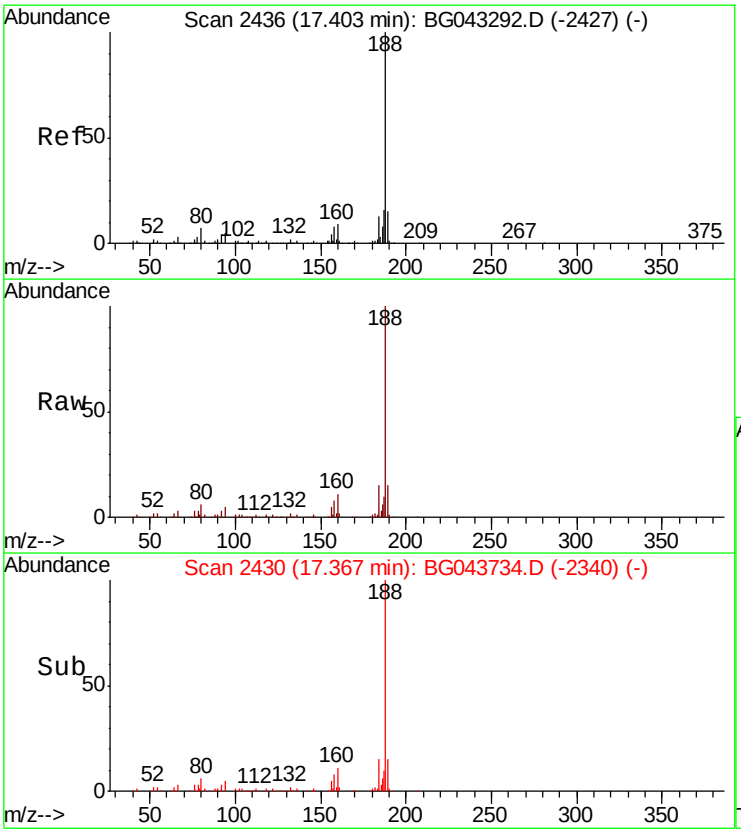
#57
2,4-Dinitrotoluene
Concen: 5.680 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.38 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9779

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#

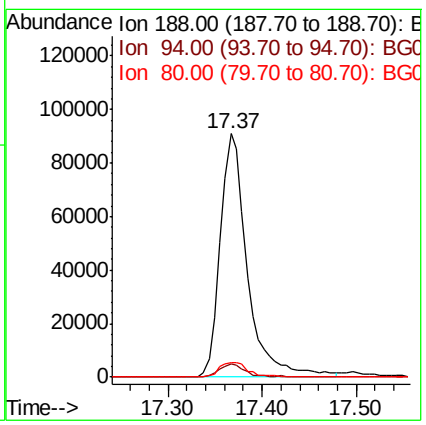


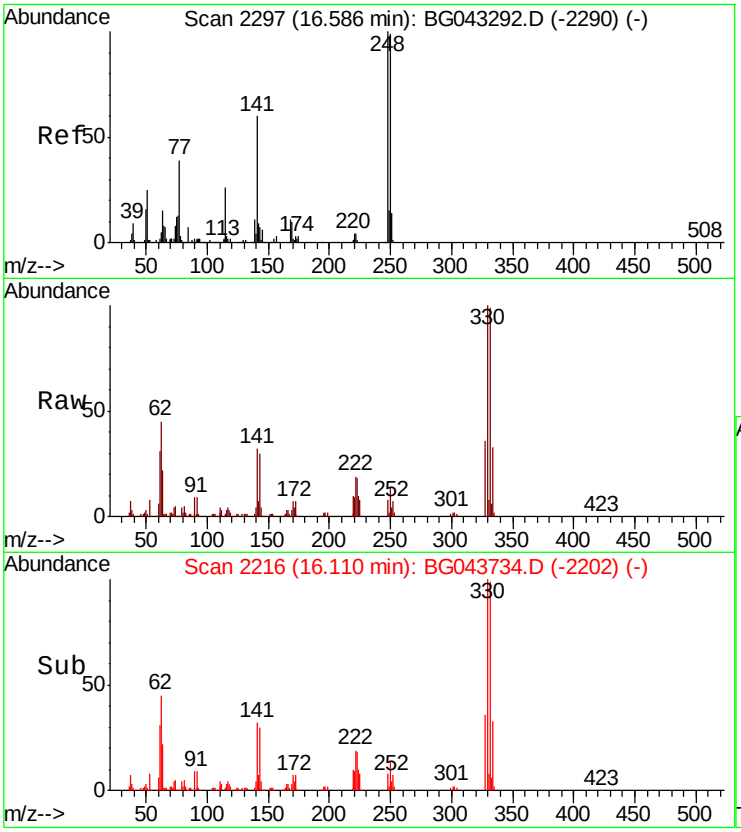


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion:188 Resp: 183255

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.6	7.0
80	6.0	5.2	7.8



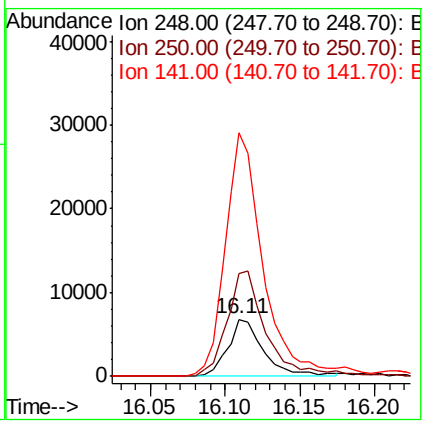


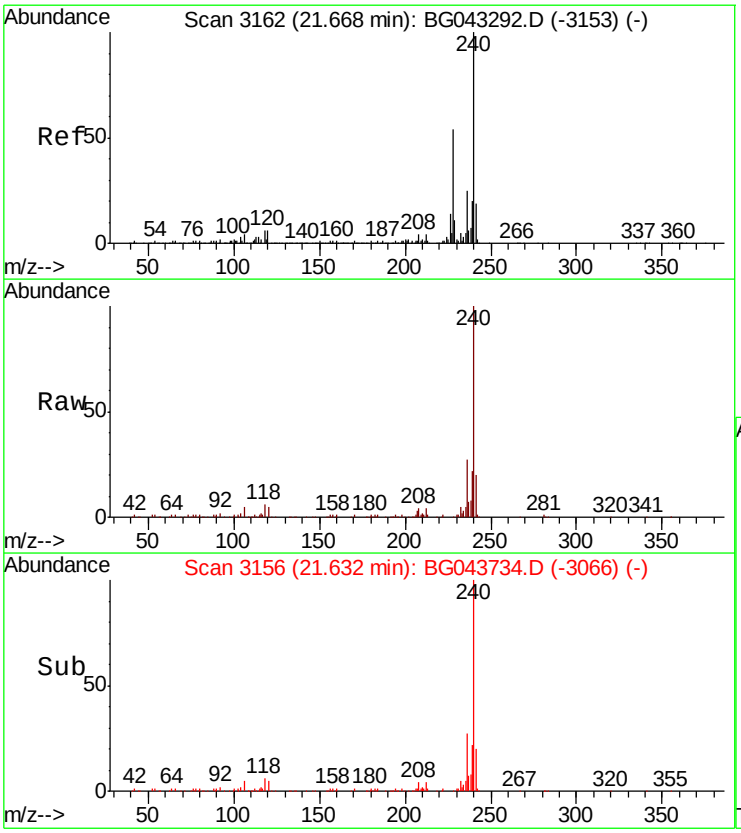
#67
4-Bromophenyl-phenylether
Concen: 4.624 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11403

Ion	Ratio	Lower	Upper
248	100		
250	180.8	76.3	114.5#
141	427.1	49.5	74.3#

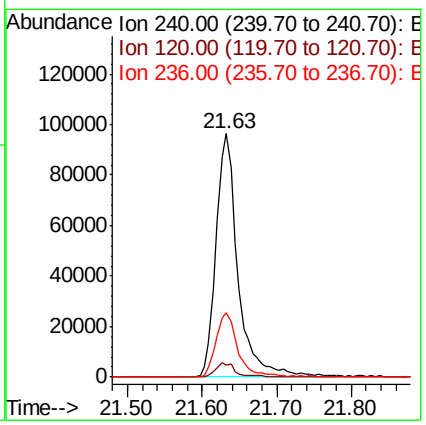


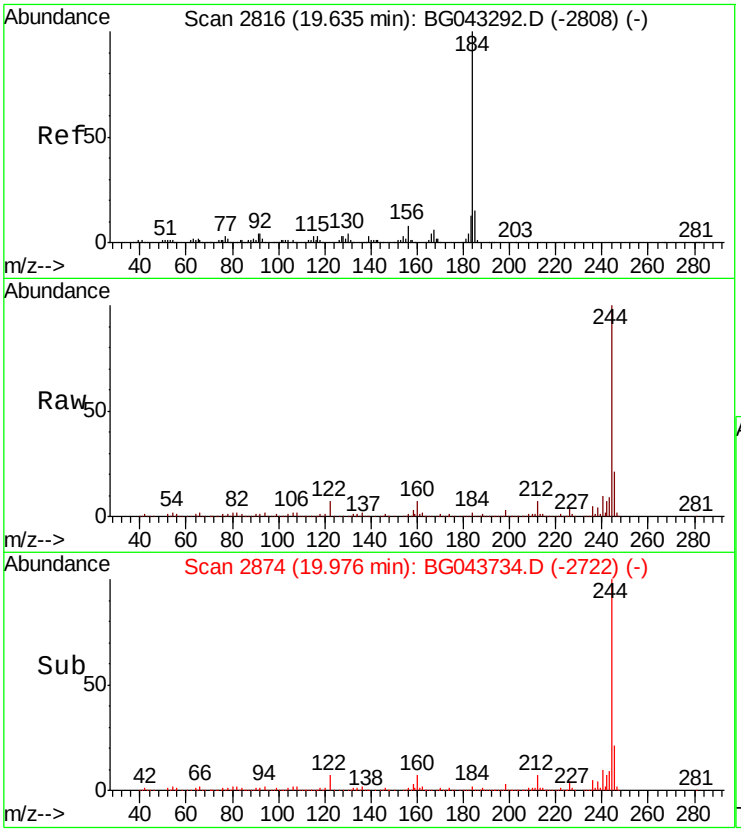


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion:240 Resp: 196537

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.9	7.3#
236	26.6	21.4	32.0



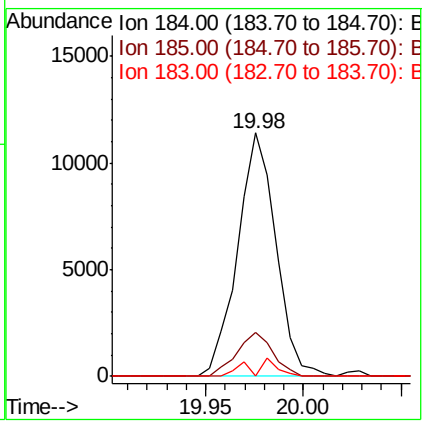


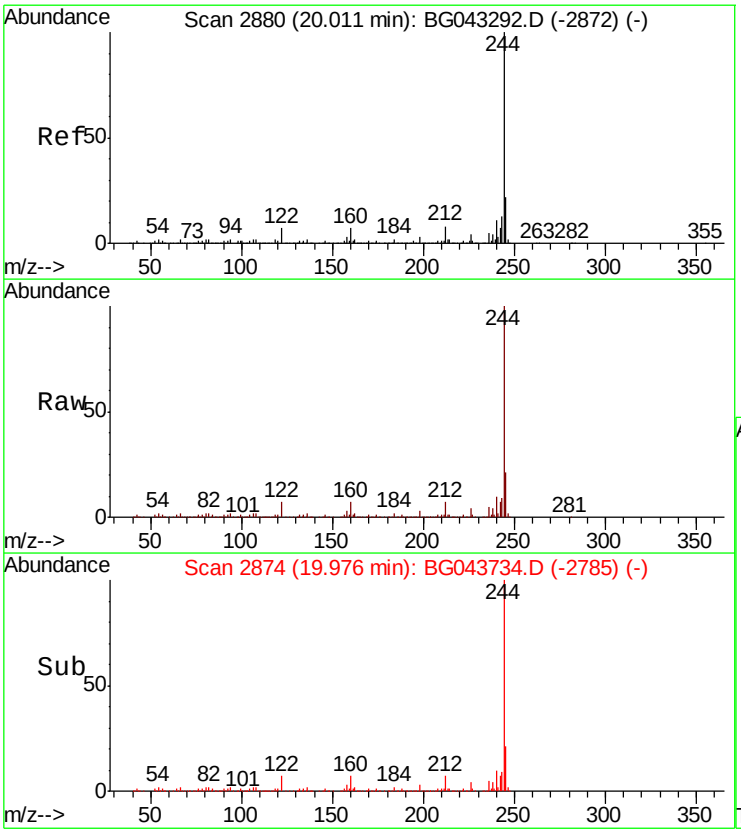
#77
Benzidine
Concen: 3.930 ng
RT: 19.98 min Scan# 2874
Delta R.T. 0.36 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 15546

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.7	19.1
183	0.0	8.8	13.2#

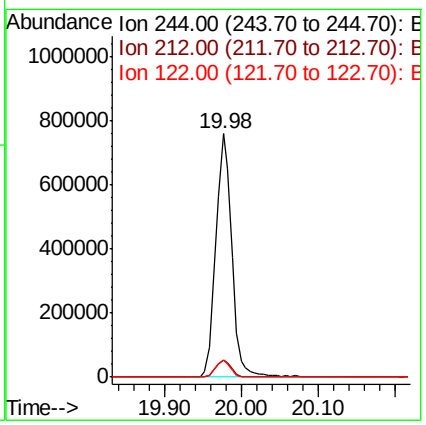


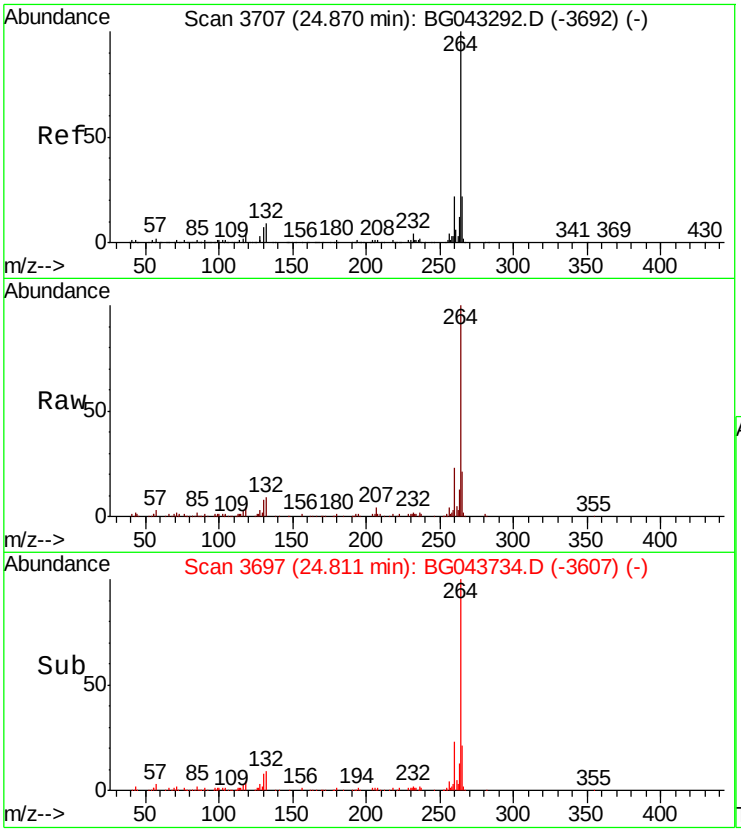


#79
Terphenyl-d14
Concen: 103.361 ng
RT: 19.98 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion:244 Resp: 1082815

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	7.0	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: BG043734.D
Acq: 20 Nov 2019 19:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 227580

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.0	15.8	23.8