Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043684.D
Acq On : 18 Nov 2019 22:12
Operator : JU
Sample : K5671-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 19 01:41:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28541	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	92644	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	67194	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	177105	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	199170	20.00	ng	-0.02
87) Perylene-d12	24.81	264	135786	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	219596	140.99	ng	0.00
7) Phenol-d6	7.19	99	283661	126.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	178882	99.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	179077	140.05	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	476026	97.89	ng	-0.02
79) Terphenyl-d14	19.98	244	1085548	102.25	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	4891	8.058	ng	# 1
15) Benzyl Alcohol	8.31	79	3346	2.126	ng	# 49
19) n-Nitroso-di-n-propylamine	9.15	70	24875	17.178	ng	# 73
51) 2,6-Dinitrotoluene	14.62	165	9302	8.227	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	9302	5.757	ng	# 28
67) 4-Bromophenyl-phenylether	16.12	248	12226	5.130	ng	# 1
77) Benzidine	19.98	184	15767	3.934	ng	# 77

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

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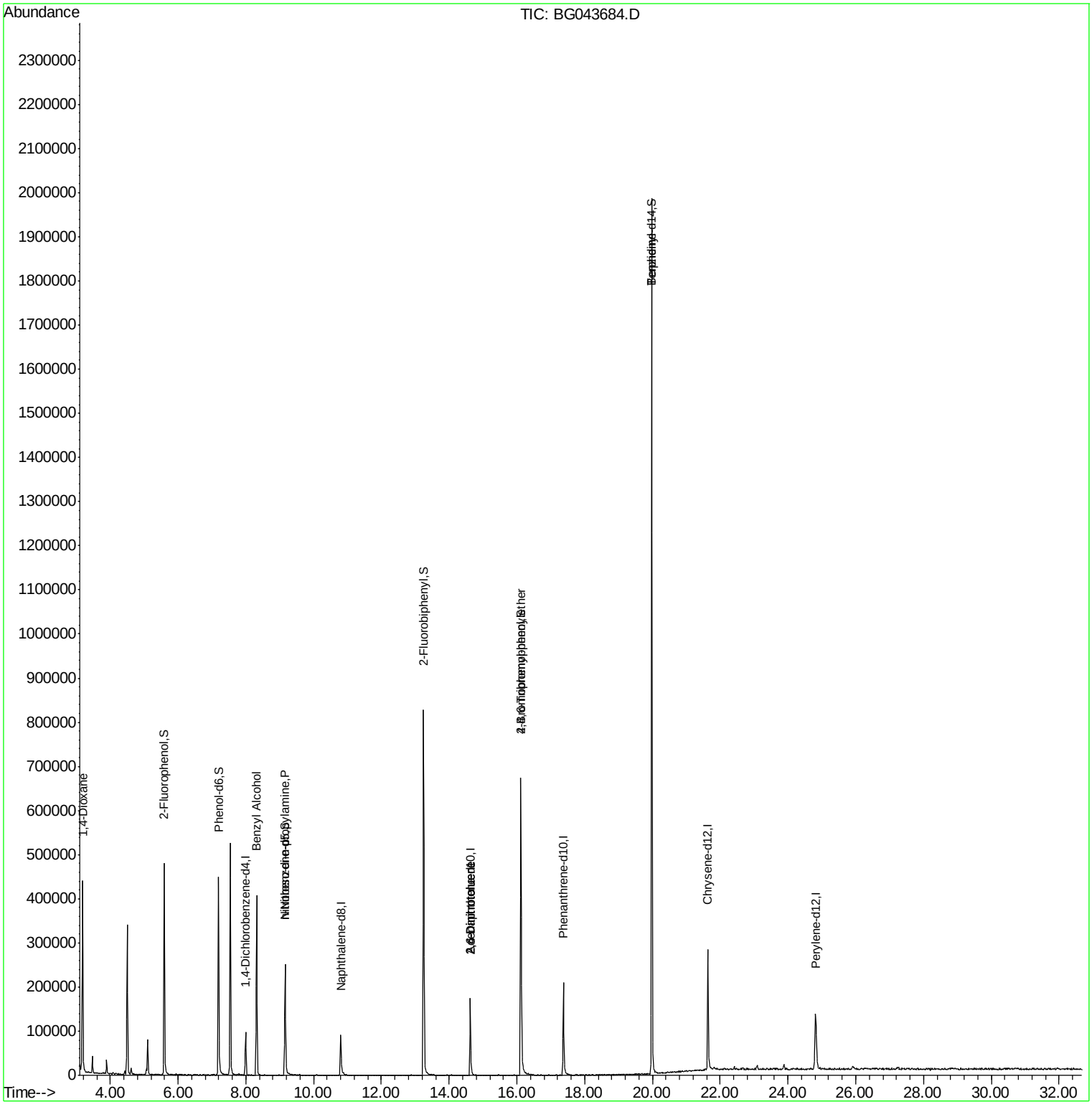
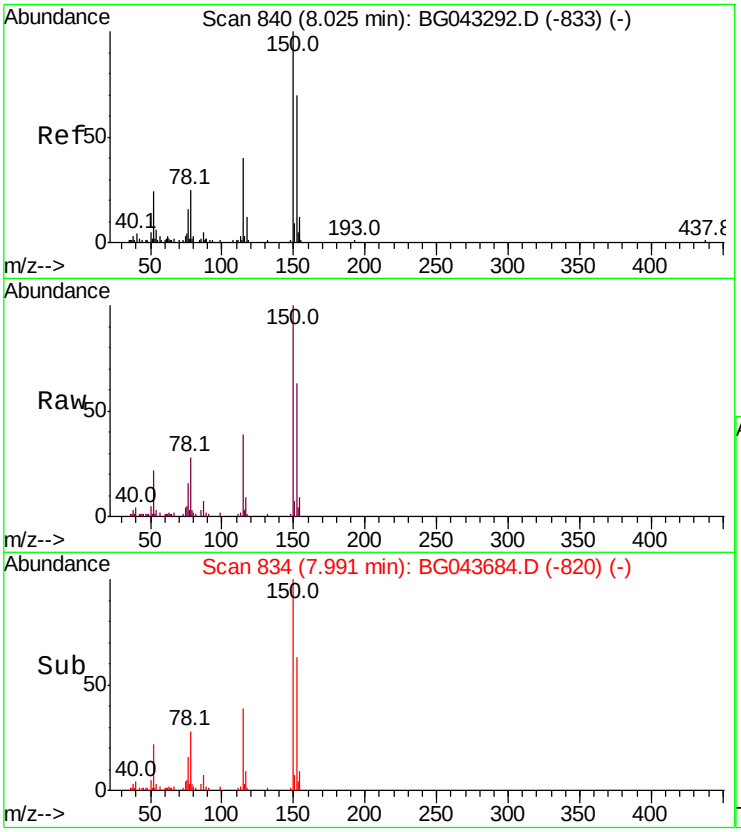


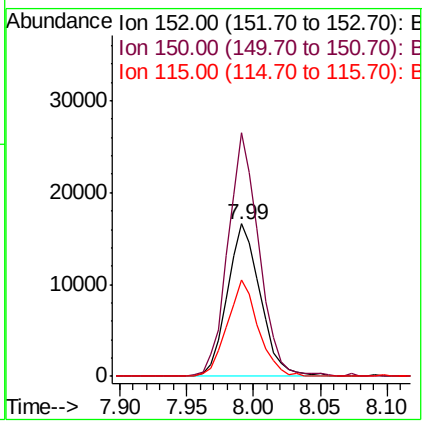


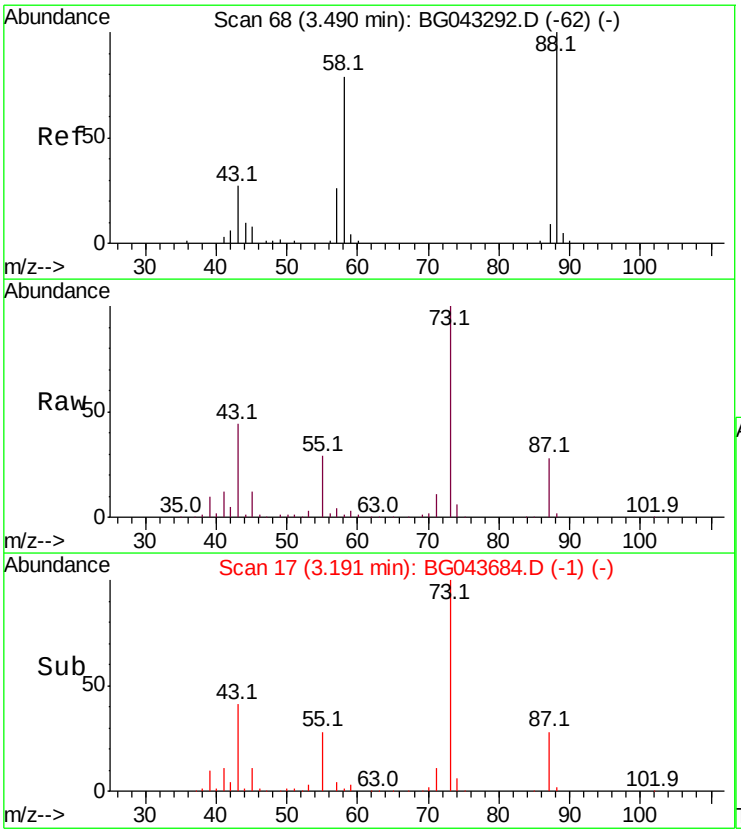
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28541

Ion	Ratio	Lower	Upper
152	100		
150	159.6	129.4	194.0
115	62.9	48.8	73.2

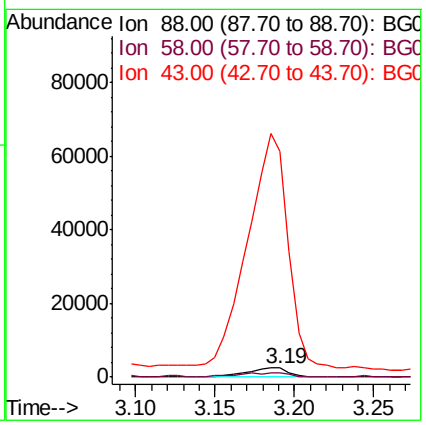


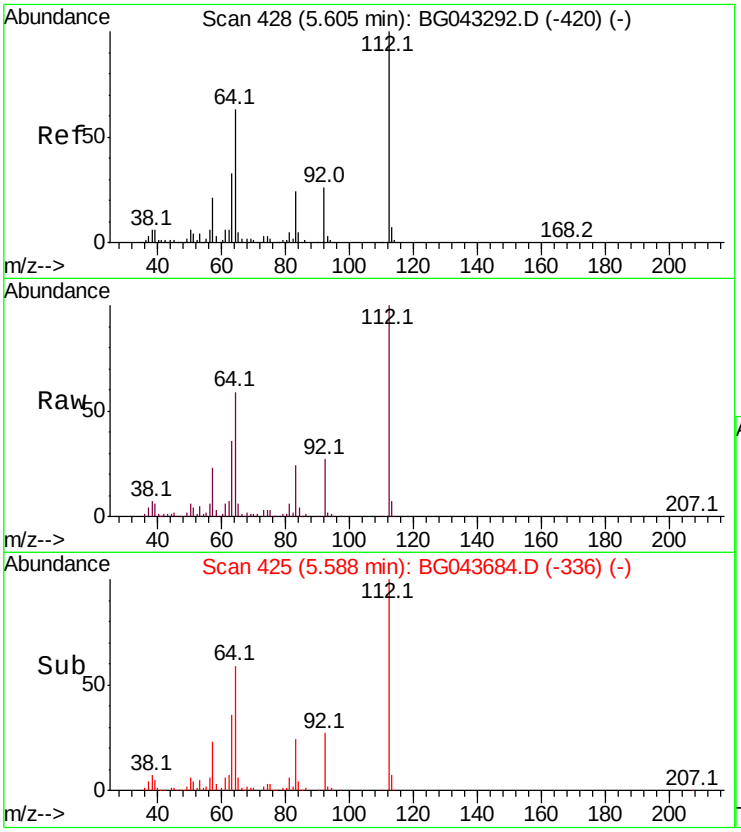


#2
1,4-Dioxane
Concen: 8.058 ng
RT: 3.19 min Scan# 17
Delta R.T. -0.28 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion: 88 Resp: 4891

Ion	Ratio	Lower	Upper
88	100		
58	58.1	62.7	94.1#
43	2295.9	23.7	35.5#



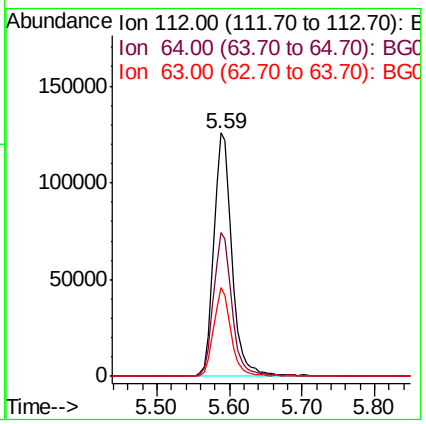


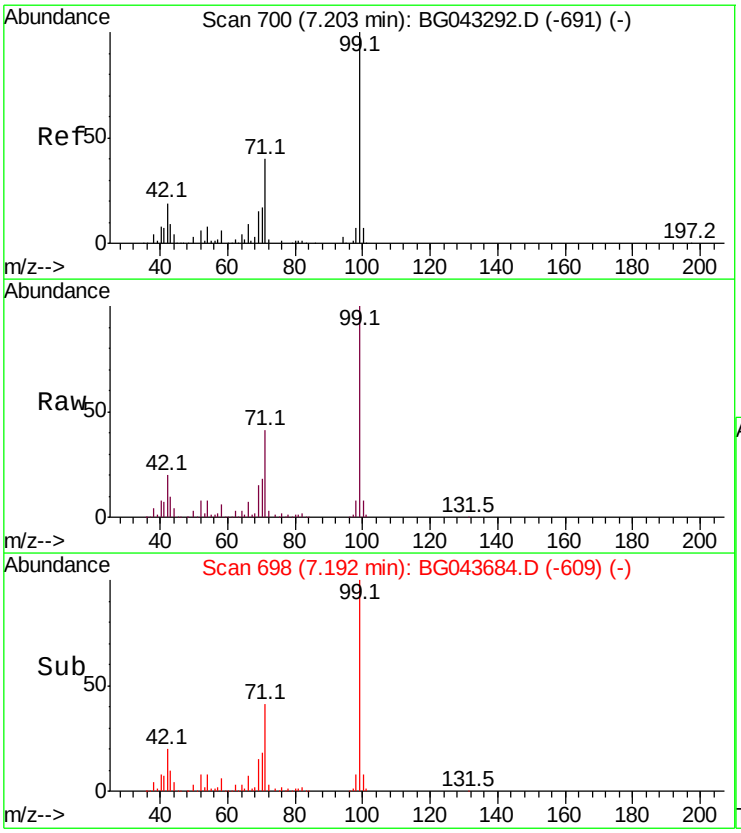
#5
2-Fluorophenol
Concen: 140.989 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 219596

Ion	Ratio	Lower	Upper
112	100		
64	59.0	50.0	75.0
63	36.3	26.6	40.0

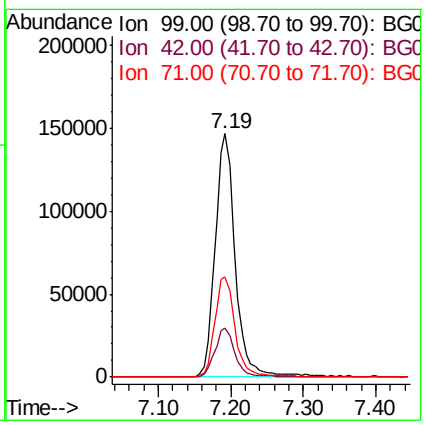


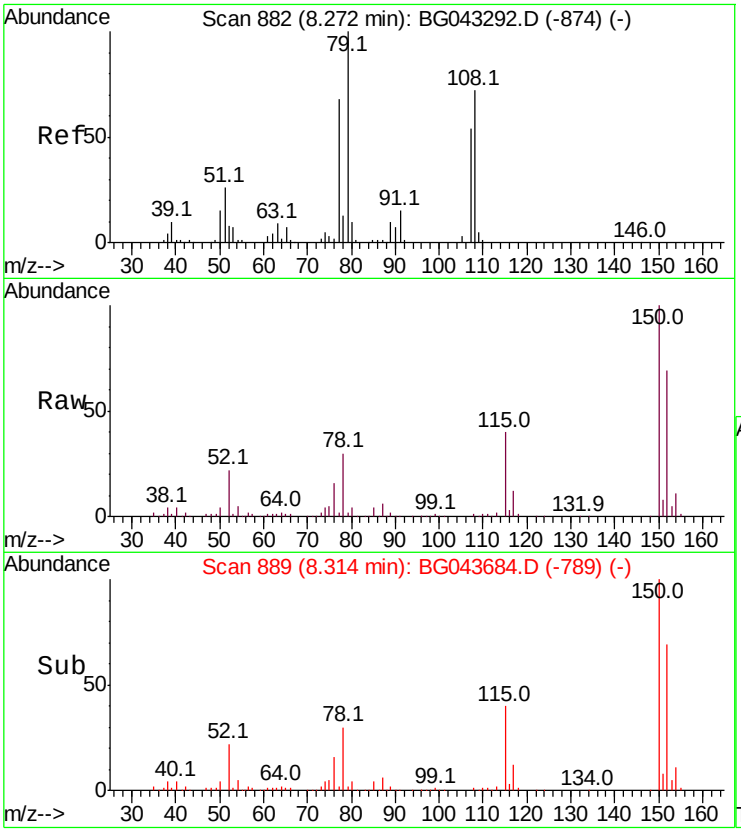


#7
Phenol-d6
Concen: 126.582 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion: 99 Resp: 283661

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.6	21.8
71	41.2	32.5	48.7



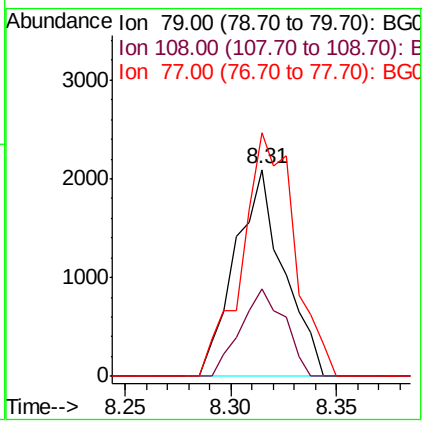


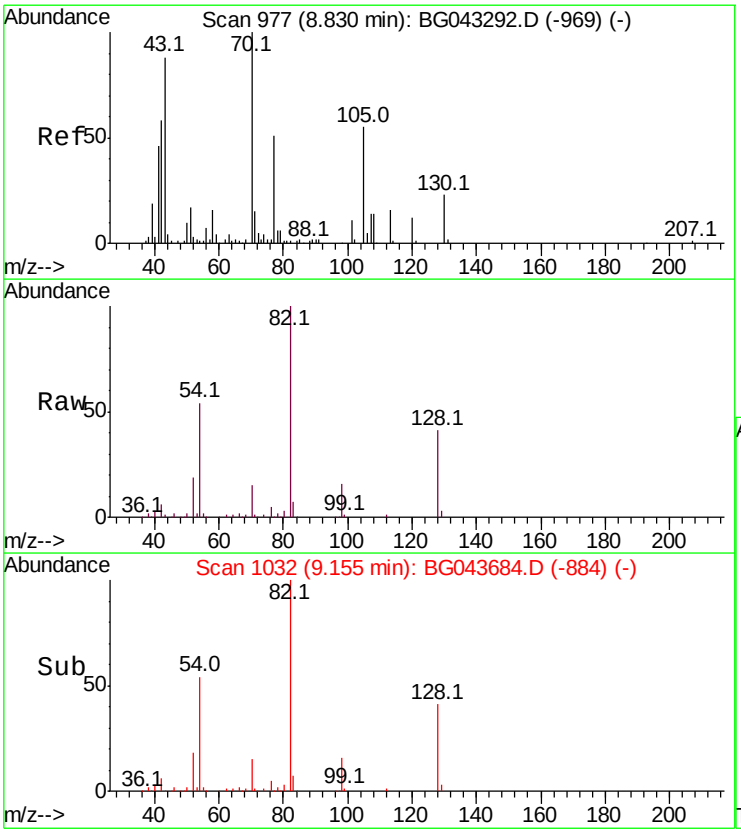
#15
Benzyl Alcohol
Concen: 2.126 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.06 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3346

Ion	Ratio	Lower	Upper
79	100		
108	42.3	53.6	80.4#
77	117.5	49.6	74.4#

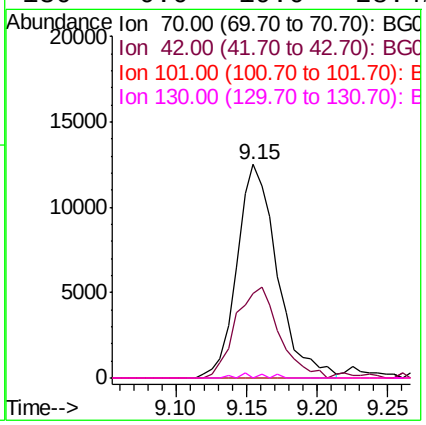


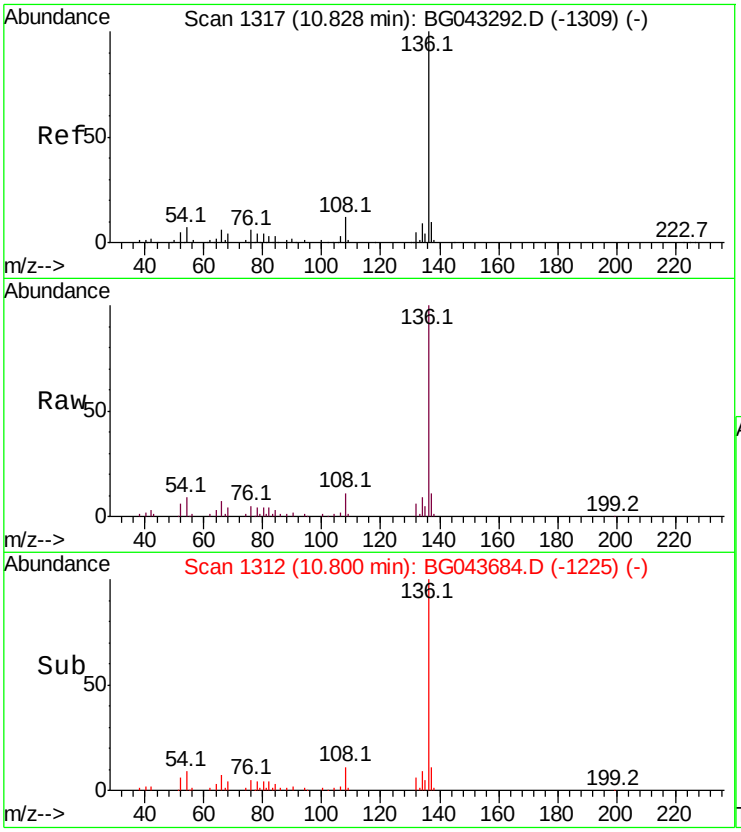


#19
n-Nitroso-di-n-propylamine
Concen: 17.178 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion: 70 Resp: 24875

Ion	Ratio	Lower	Upper
70	100		
42	39.6	41.4	62.2#
101	0.0	7.9	11.9#
130	0.0	19.0	28.4#



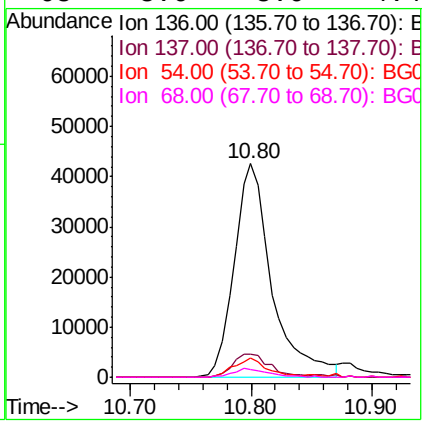


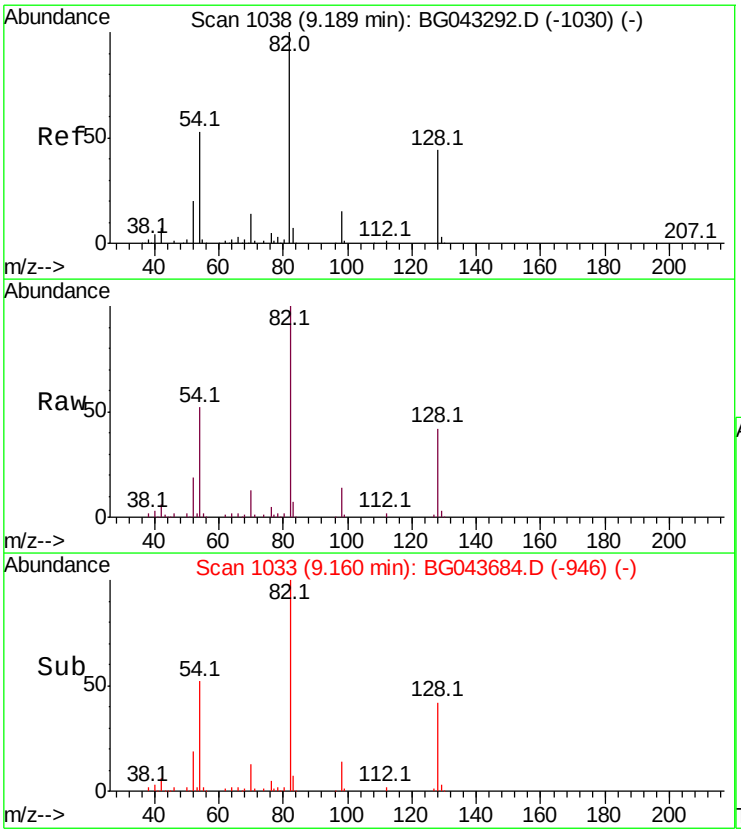
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 92644

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.9	5.4	8.2#
68	3.6	3.0	4.4

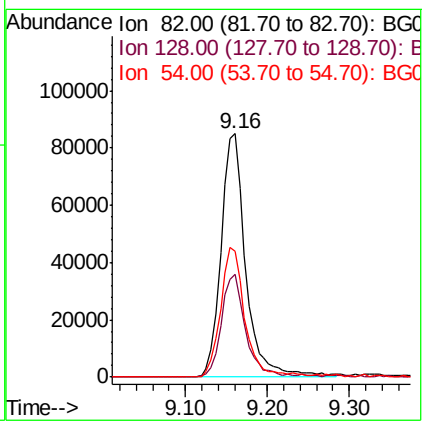


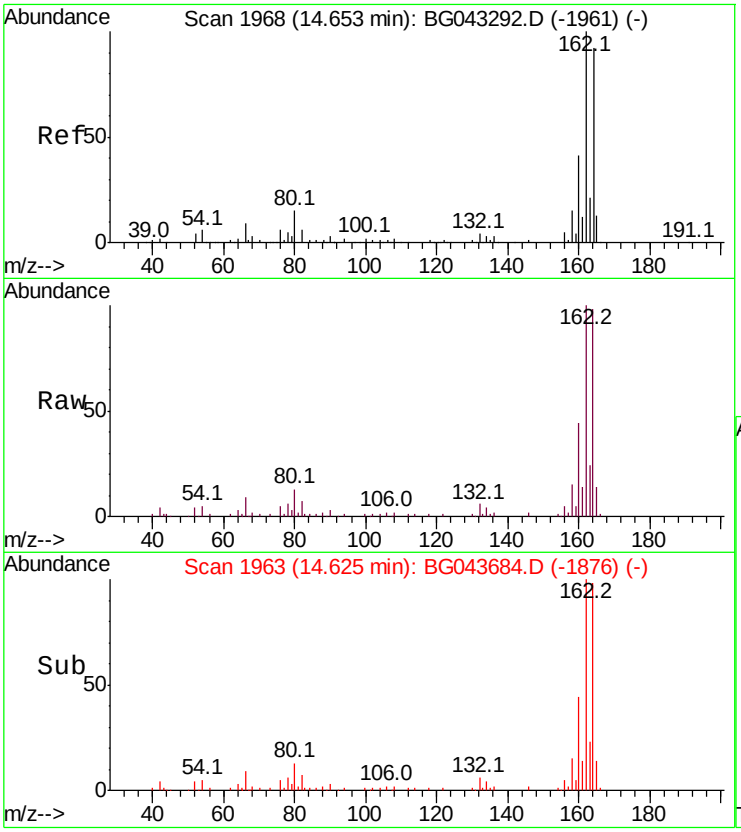


#23
Nitrobenzene-d5
Concen: 99.544 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion: 82 Resp: 178882

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.0	52.6
54	51.6	40.2	60.2



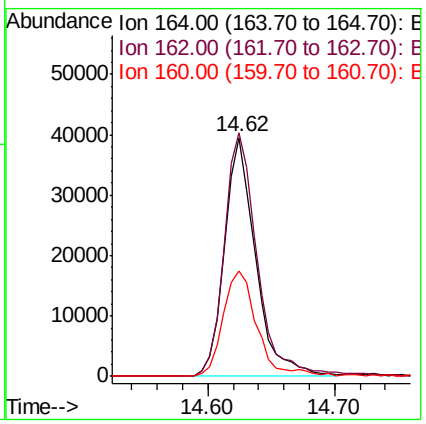


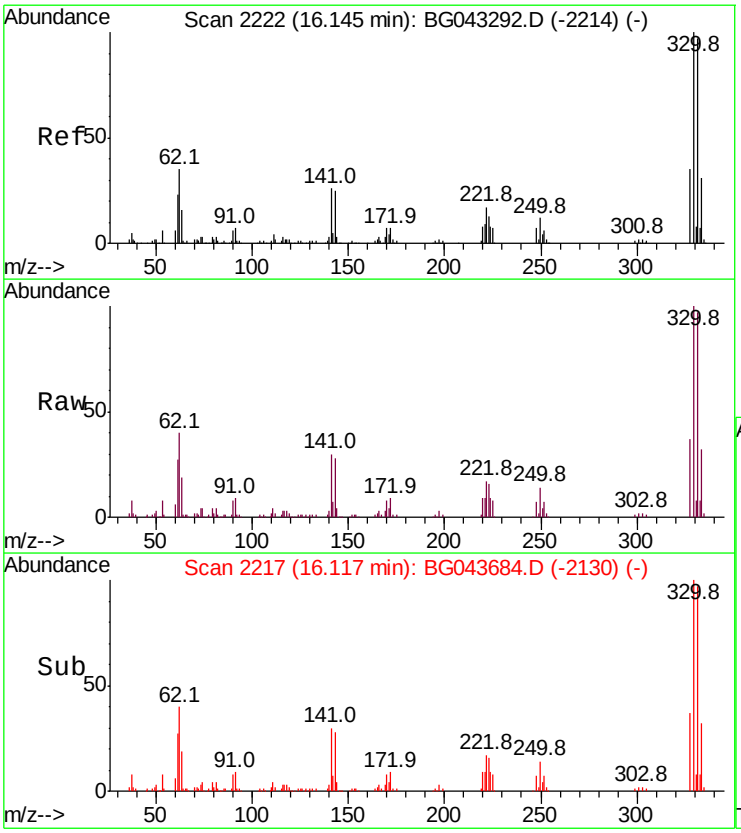
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 67194

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.5	125.3
160	44.4	36.5	54.7

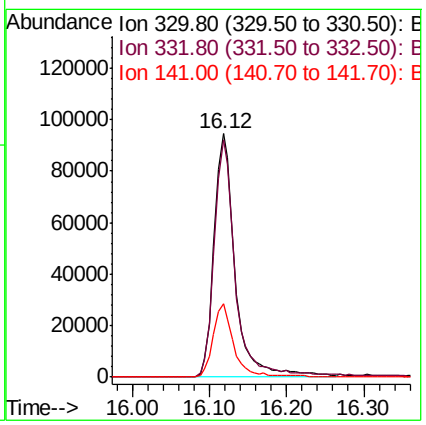


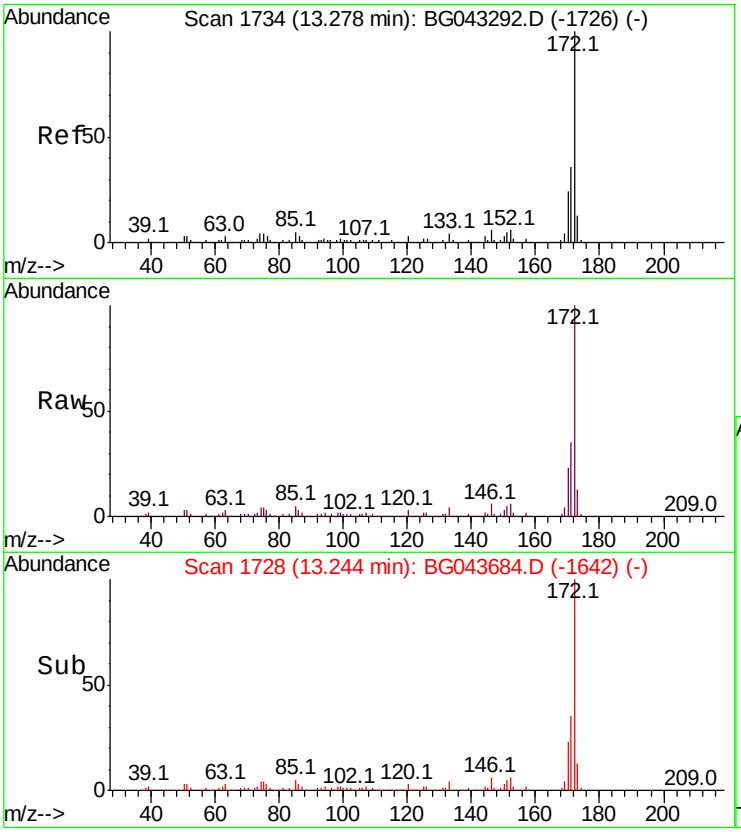


#42
2,4,6-Tribromophenol
Concen: 140.046 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion:330 Resp: 179077

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	28.5	22.8	34.2



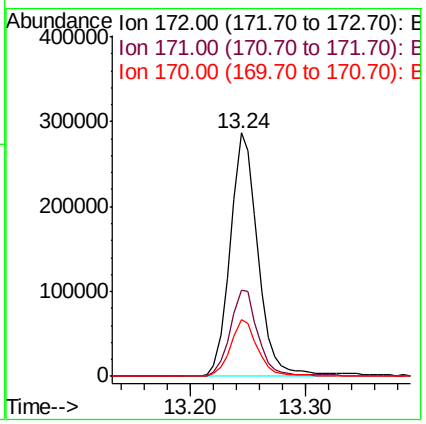


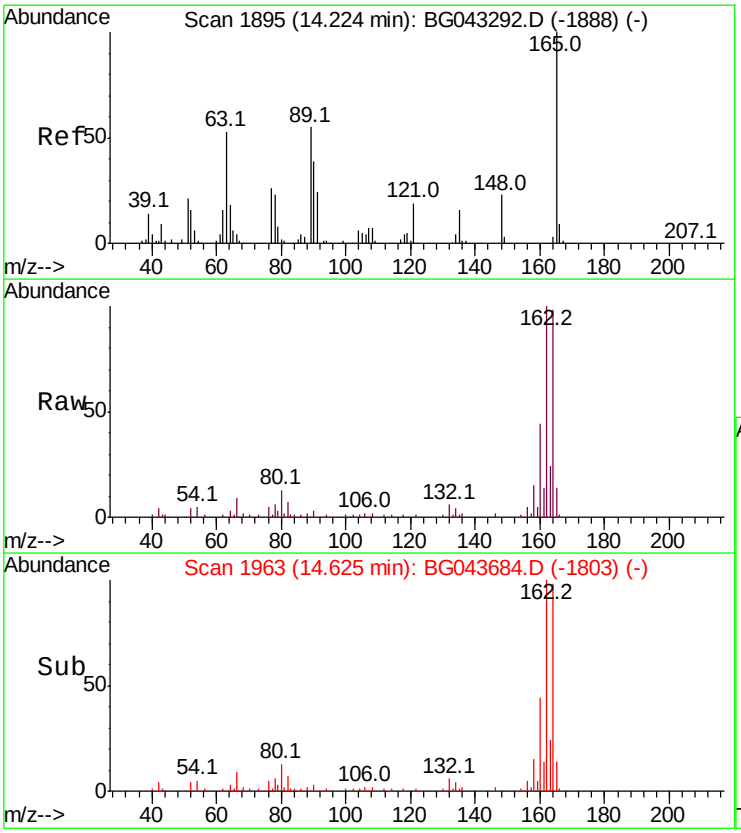
#45
2-Fluorobiphenyl
Concen: 97.892 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 476026

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.2	18.5	27.7

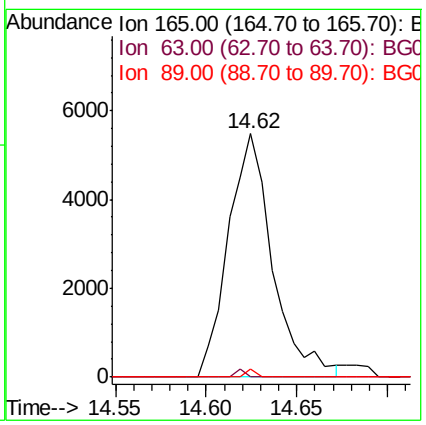


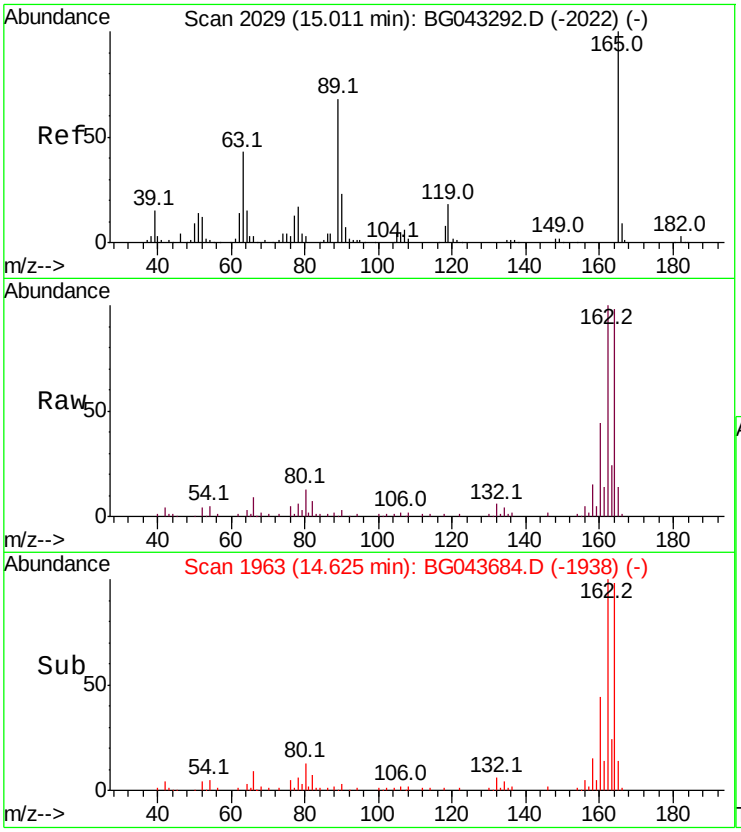


#51
2,6-Dinitrotoluene
Concen: 8.227 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.41 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion:165 Resp: 9302

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	3.3	45.1	67.7#



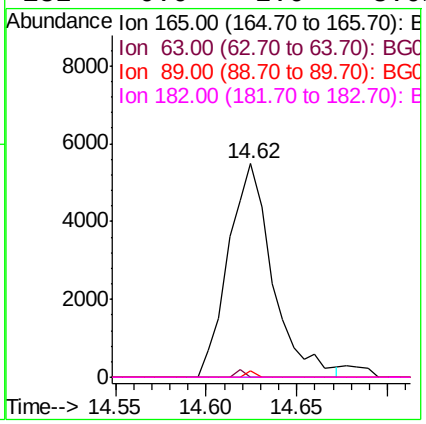


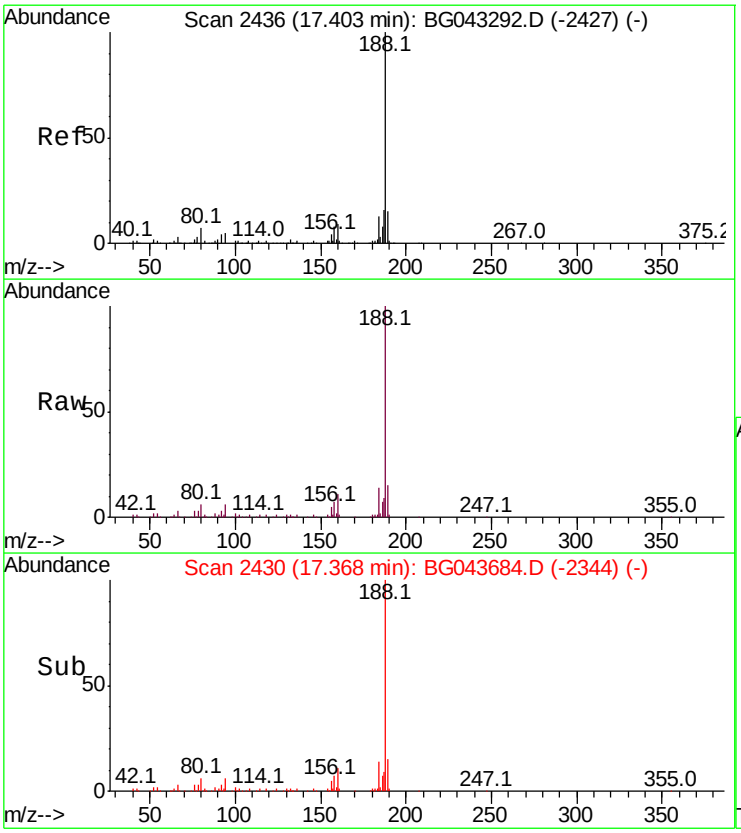
#57
2,4-Dinitrotoluene
Concen: 5.757 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.38 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9302

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	3.3	52.2	78.4#
182	0.0	2.0	3.0#

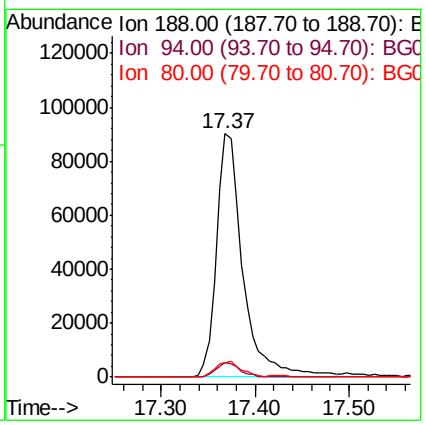


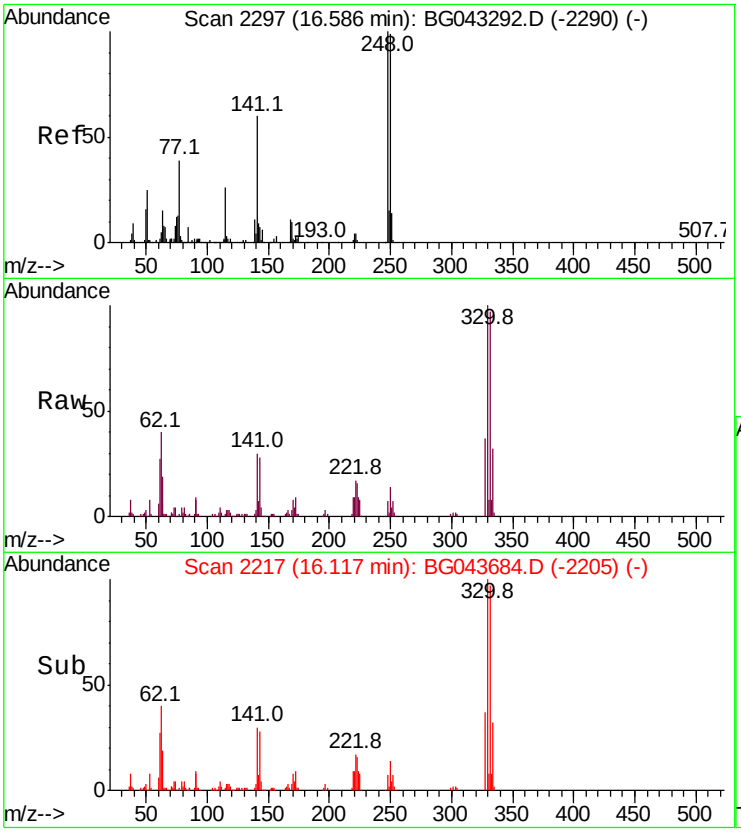


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion:188 Resp: 177105

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	5.9	4.5	6.7



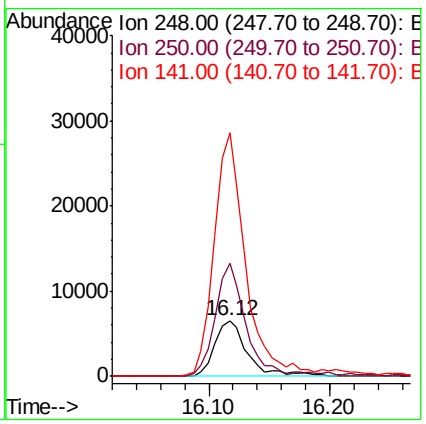


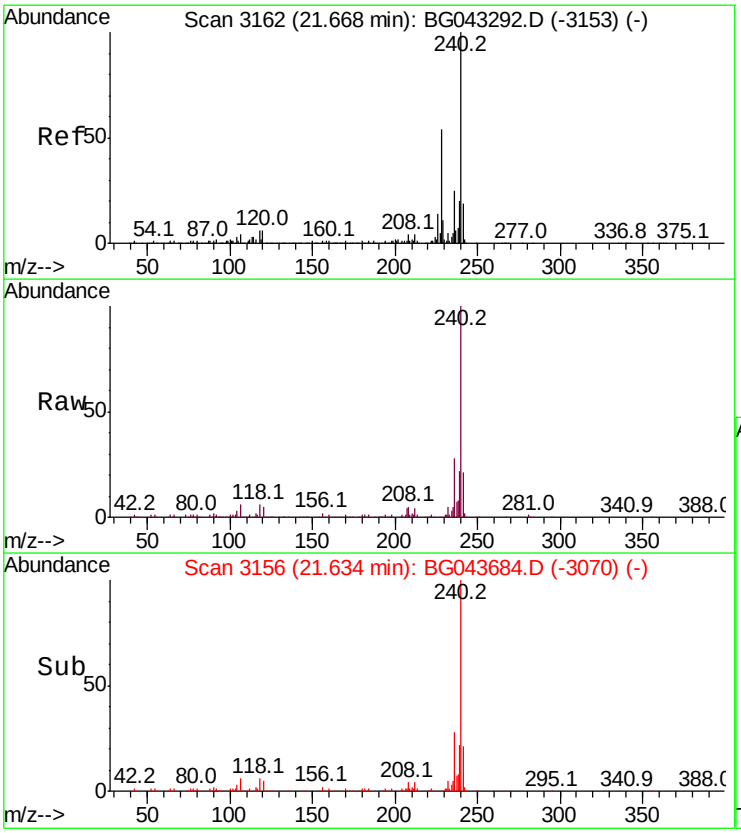
#67
4-Bromophenyl-phenylether
Concen: 5.130 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12226

Ion	Ratio	Lower	Upper
248	100		
250	202.6	77.0	115.4#
141	437.7	47.5	71.3#

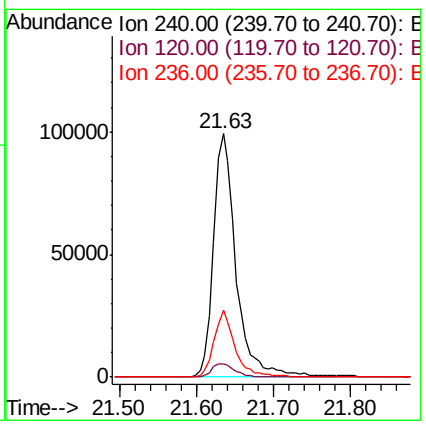


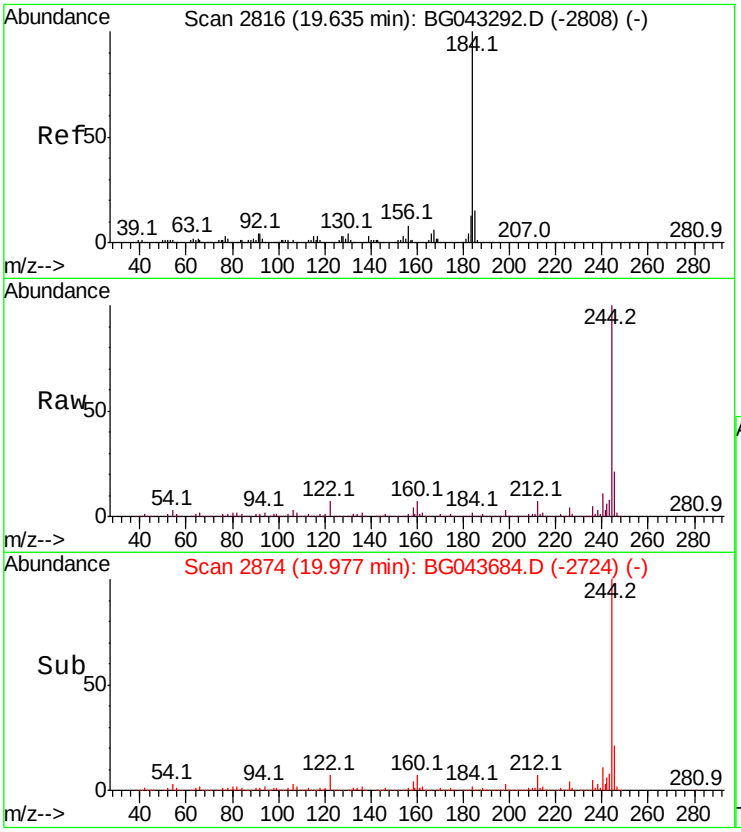


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion:240 Resp: 199170

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	6.8
236	27.6	19.8	29.8



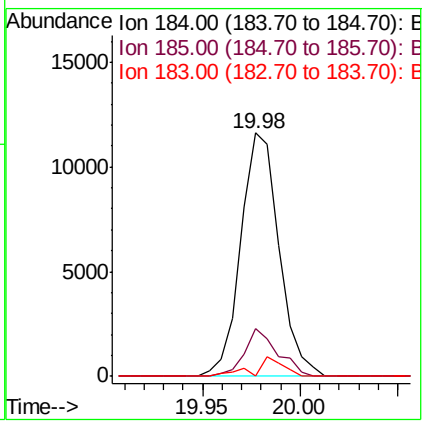


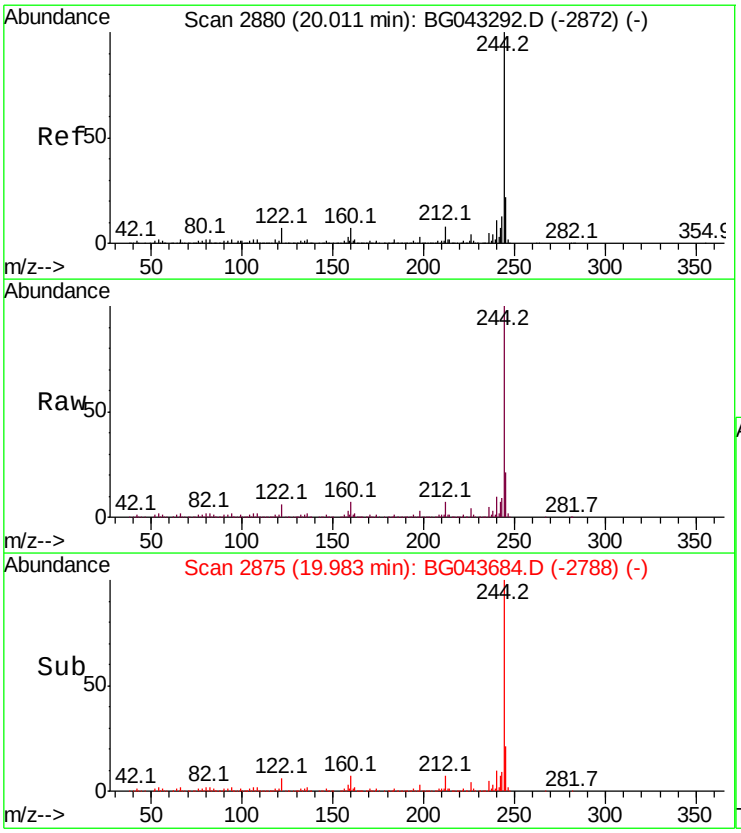
#77
Benzidine
Concen: 3.934 ng
RT: 19.98 min Scan# 2874
Delta R.T. 0.35 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 15767

Ion	Ratio	Lower	Upper
184	100		
185	19.7	11.0	16.4#
183	0.0	10.0	15.0#

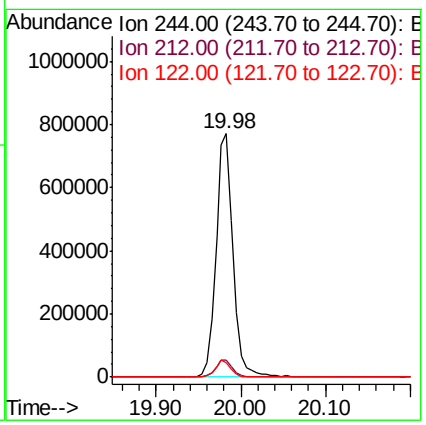


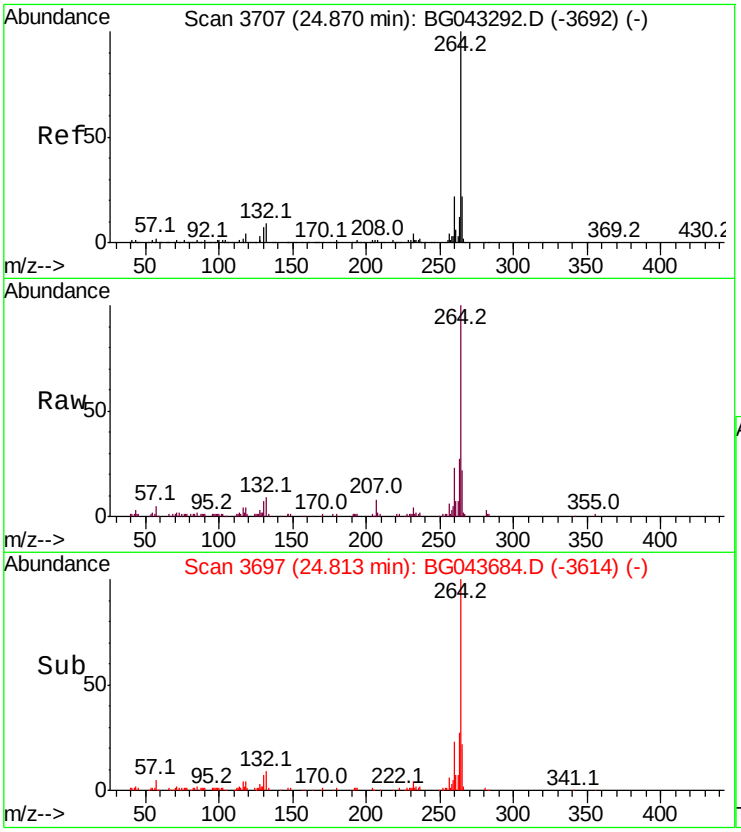


#79
Terphenyl-d14
Concen: 102.252 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Tgt Ion:244 Resp: 1085548

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	5.9	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.04 min
Lab File: BG043684.D
Acq: 18 Nov 2019 22:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 135786

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.5	26.3
265	21.9	17.4	26.0