Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043670.D
Acq On : 16 Nov 2019 3:39
Operator : JU
Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Time: Nov 16 05:27:25 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	28789	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	108310	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	79004	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	180267	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	206677	20.00	ng		-0.02
87) Perylene-d12	24.81	264	238996	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	89562	57.01	ng		0.00
7) Phenol-d6	7.20	99	93180	41.22	ng		0.00
23) Nitrobenzene-d5	9.16	82	181736	86.50	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	132581	88.18	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	521672	91.24	ng		-0.02
79) Terphenyl-d14	19.99	244	958041	86.96	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.76	42	16125	20.691	ng	#	1
10) Phenol	7.23	94	31322	15.164	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.75	45	32389	13.948	ng		77
19) n-Nitroso-di-n-propylamine	8.73	70	81793	55.999	ng	#	56
20) 3+4-Methylphenols	8.79	107	4787	2.318	ng		93
32) Benzoic acid	10.50	122	45850	44.235	ng		96
50) Dimethylphthalate	14.07	163	74164	12.119	ng		99
51) 2,6-Dinitrotoluene	14.16	165	3358	2.526	ng	#	28
54) 2,4-Dinitrophenol	14.73	184	54	7.342	ng	#	17
56) 4-Nitrophenol	15.11	139	3125	3.633	ng		91
67) 4-Bromophenyl-phenylether	16.12	248	8952	3.690	ng	#	1
82) 3,3'-Dichlorobenzidine	21.30	252	32761	6.543	ng	#	1

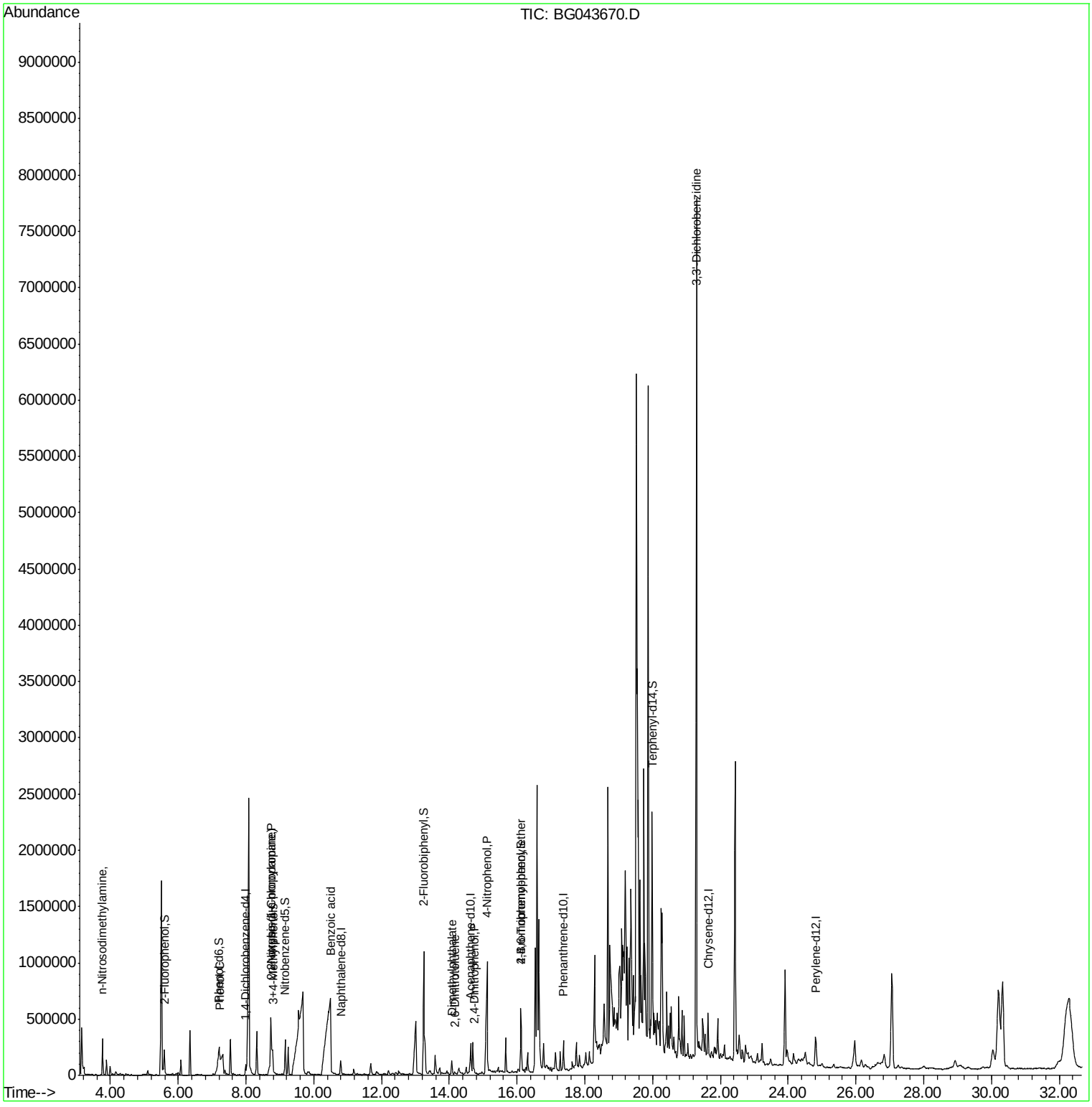
(#) = qualifier out of range (m) = manual integration (+) = signals summed

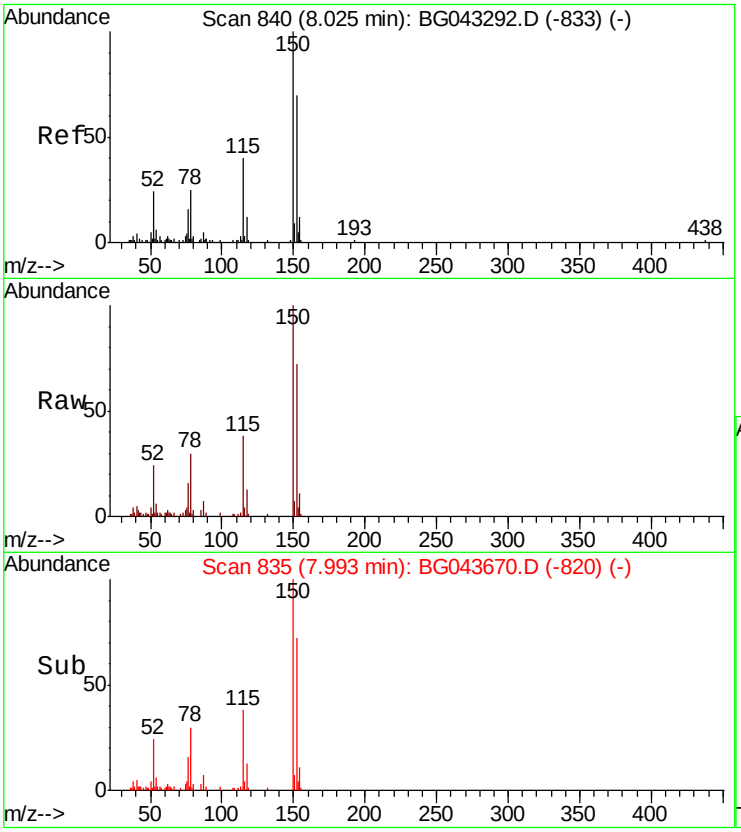
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043670.D
Acq On : 16 Nov 2019 3:39
Operator : JU
Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Quant Time: Nov 16 05:27:25 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



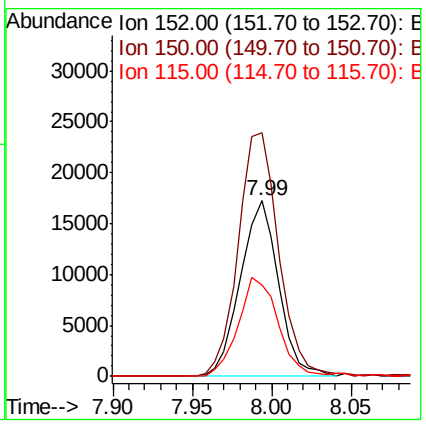


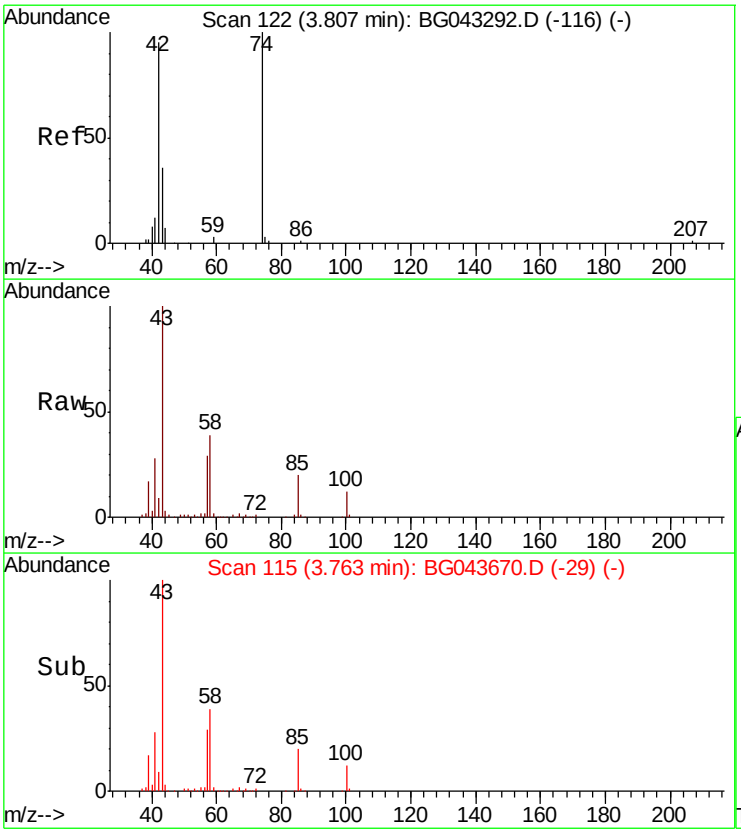
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 28789

Ion	Ratio	Lower	Upper
152	100		
150	138.9	129.4	194.0
115	52.4	48.8	73.2

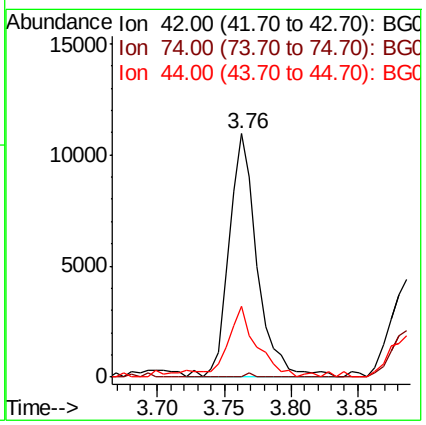


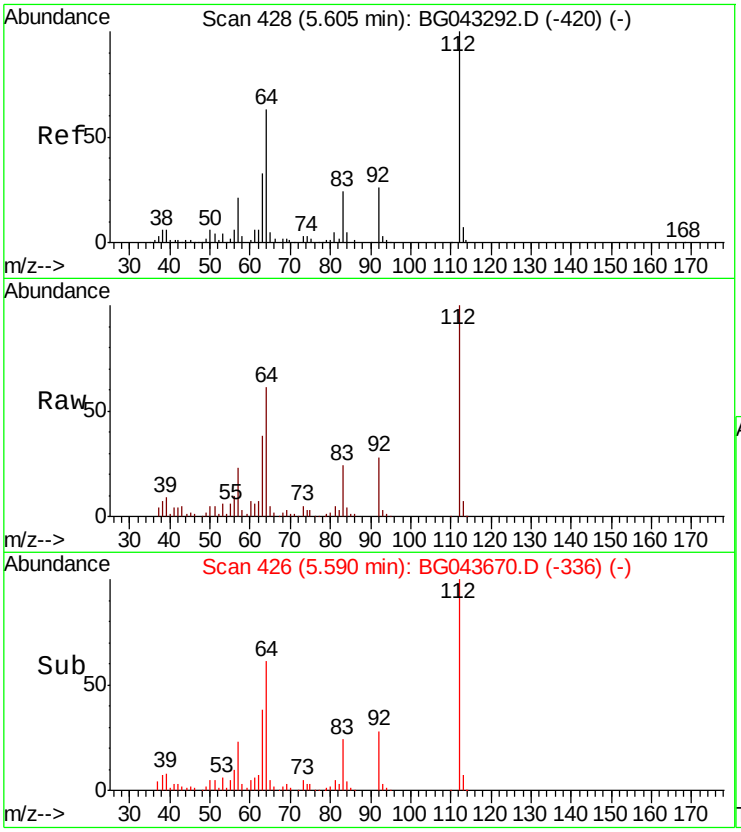


#4
n-Nitrosodimethylamine
Concen: 20.691 ng
RT: 3.76 min Scan# 115
Delta R.T. -0.03 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion: 42 Resp: 16125

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.3	145.9#
44	29.2	4.4	6.6#



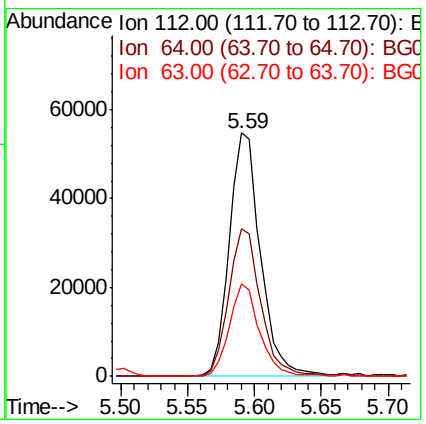


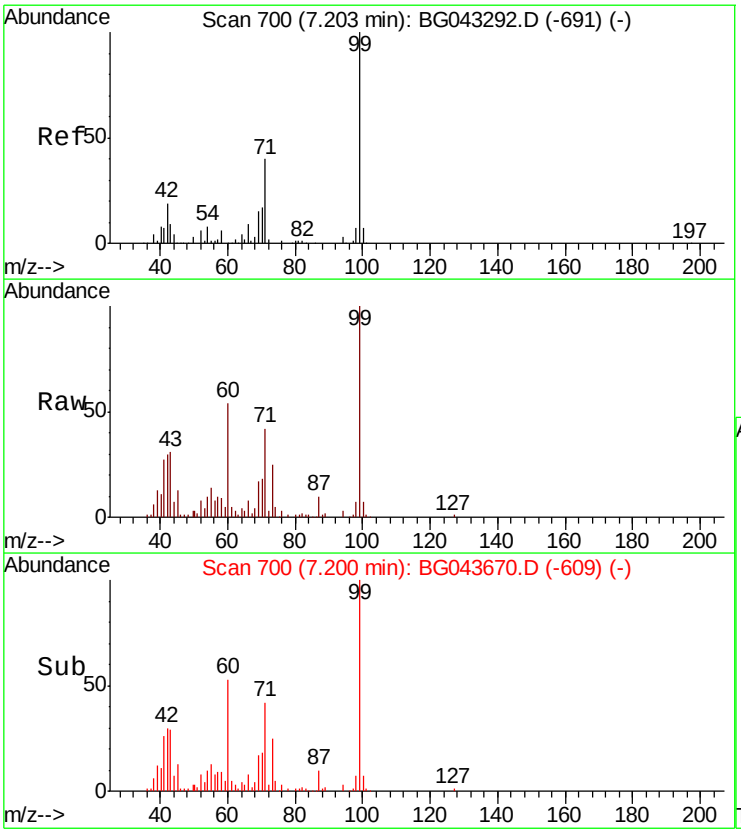
#5
2-Fluorophenol
Concen: 57.007 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:112 Resp: 89562

Ion	Ratio	Lower	Upper
112	100		
64	60.6	50.0	75.0
63	38.0	26.6	40.0

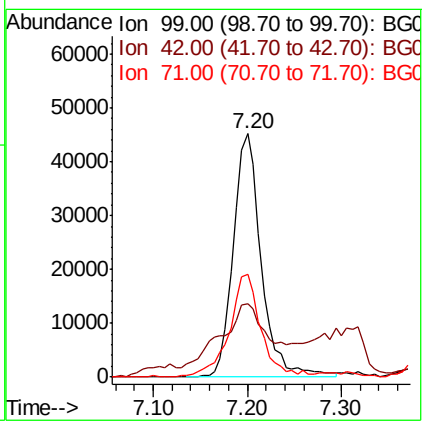


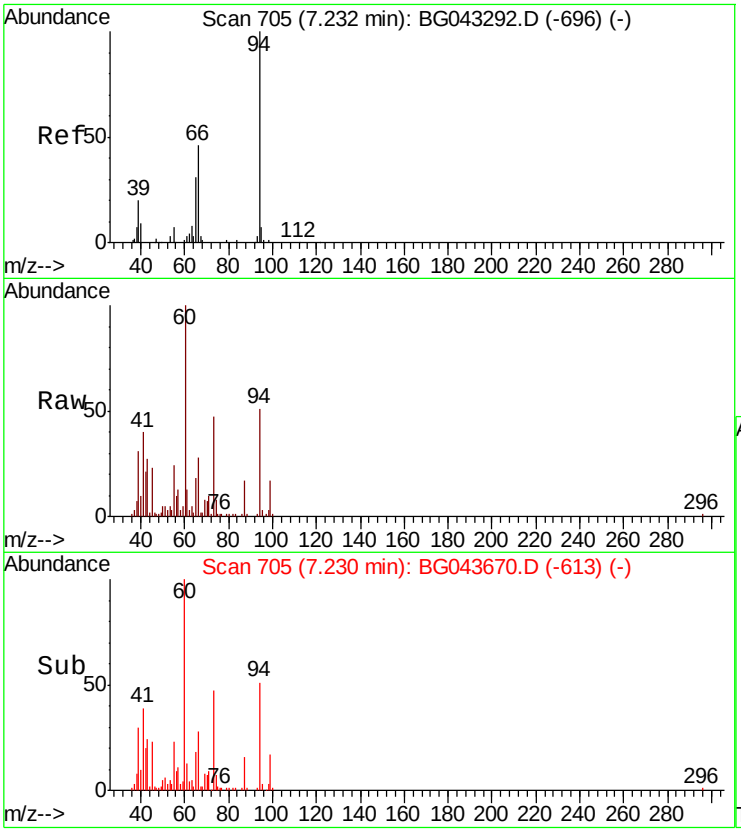


#7
Phenol-d6
Concen: 41.223 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion: 99 Resp: 93180

Ion	Ratio	Lower	Upper
99	100		
42	30.3	14.6	21.8#
71	42.3	32.5	48.7



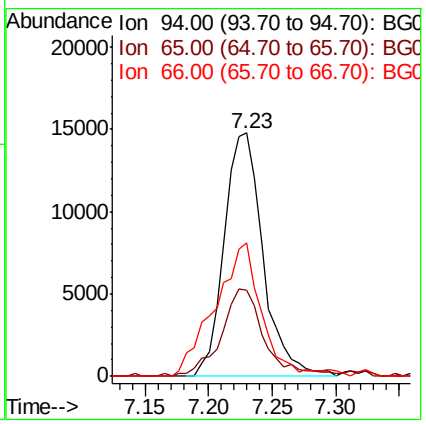


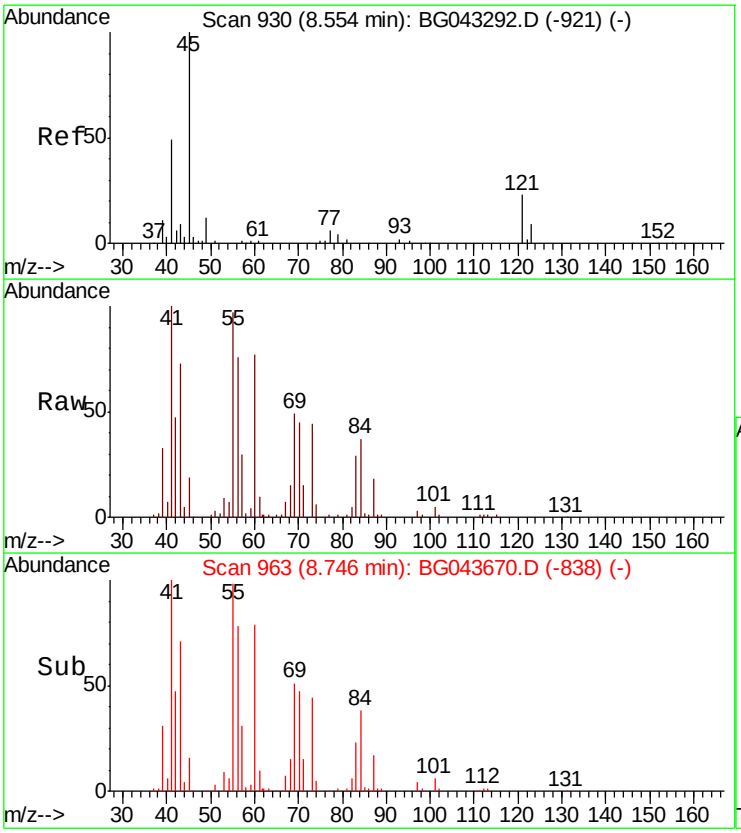
#10
Phenol
Concen: 15.164 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion: 94 Resp: 31322

Ion	Ratio	Lower	Upper
94	100		
65	35.2	12.6	52.6
66	54.8	30.7	70.7

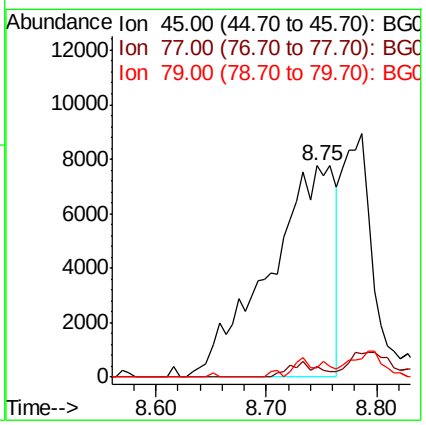


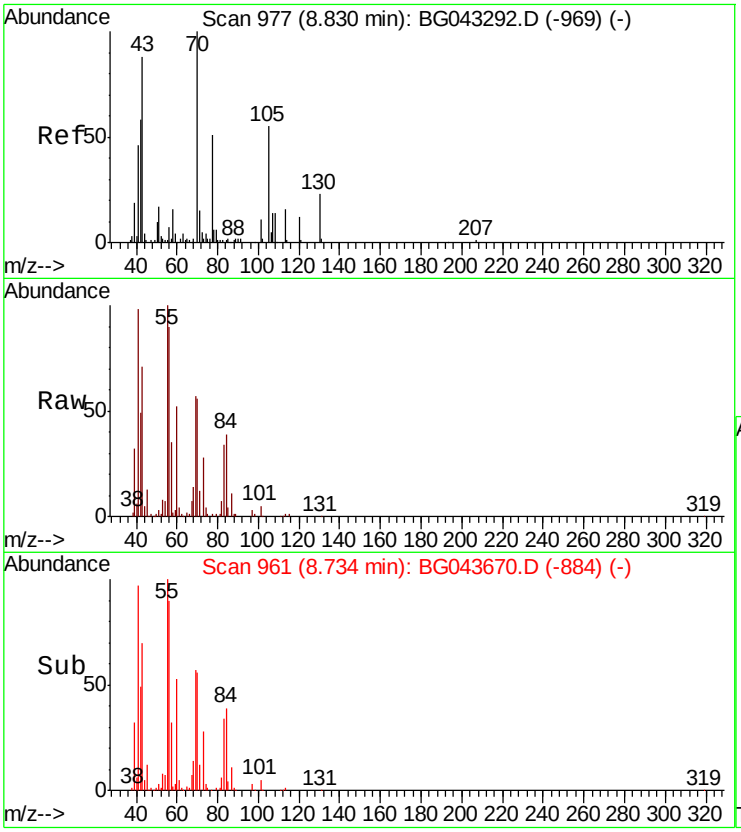


#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.948 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.20 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion: 45 Resp: 32389

Ion	Ratio	Lower	Upper
45	100		
77	4.8	0.0	34.9
79	4.6	0.0	33.0



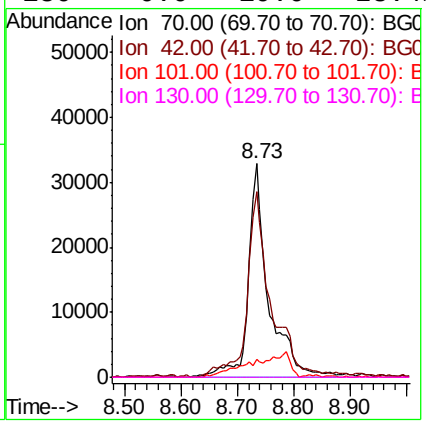


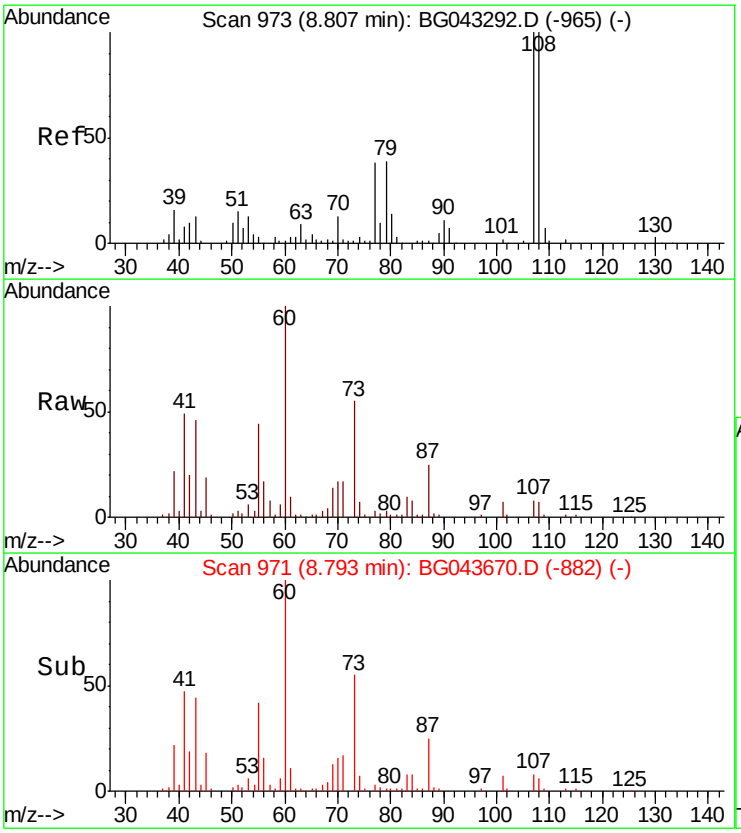
#19
n-Nitroso-di-n-propylamine
Concen: 55.999 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.08 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion: 70 Resp: 81793

Ion	Ratio	Lower	Upper
70	100		
42	86.8	41.4	62.2#
101	8.3	7.9	11.9
130	0.0	19.0	28.4#

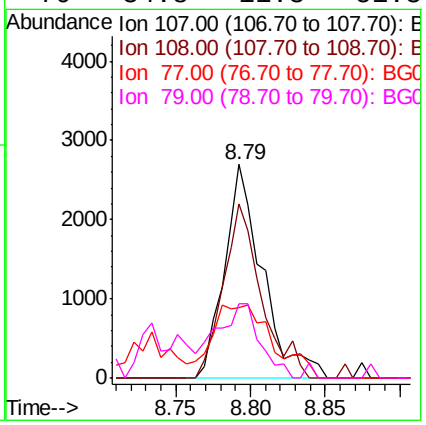


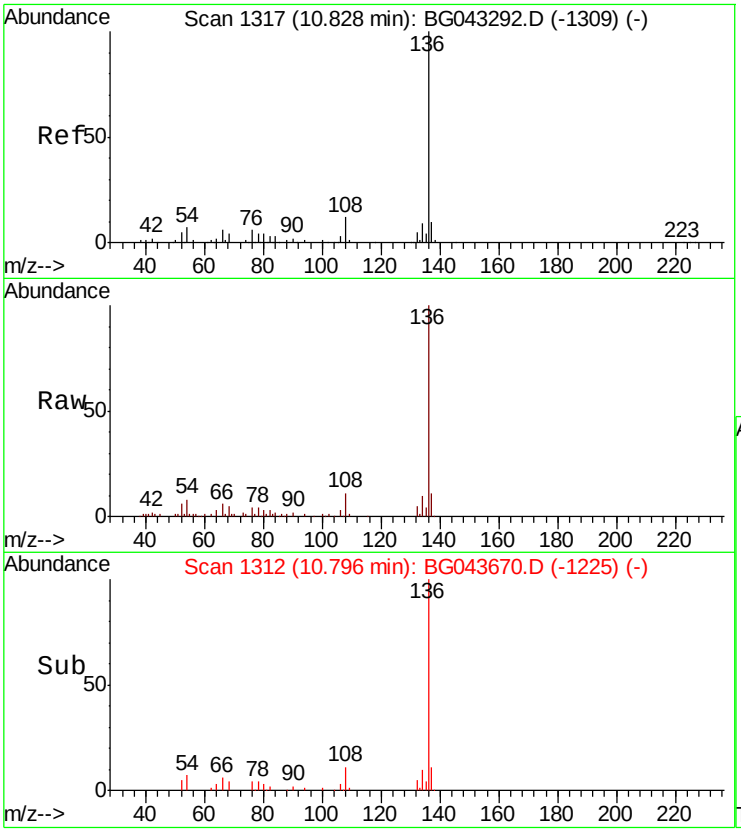


#20
3+4-Methylphenols
Concen: 2.318 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:107 Resp: 4787

Ion	Ratio	Lower	Upper
107	100		
108	81.8	66.6	106.6
77	32.8	20.9	60.9
79	34.8	11.3	51.3



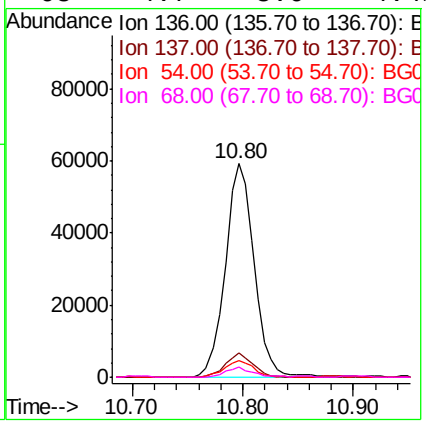


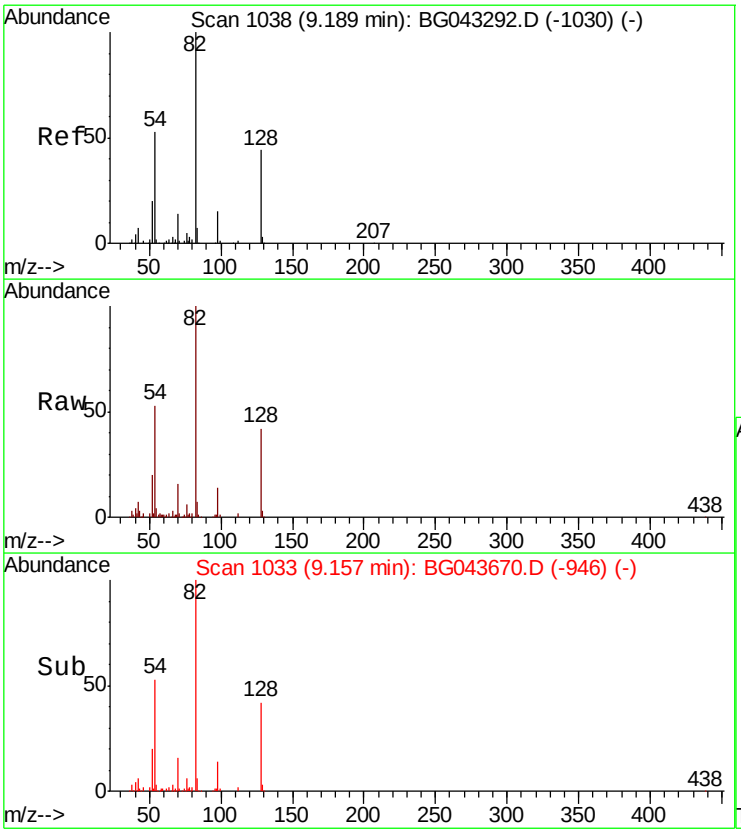
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 108310

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	5.4	8.2
68	4.7	3.0	4.4#

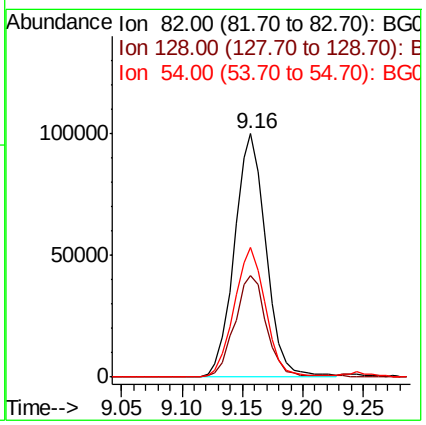


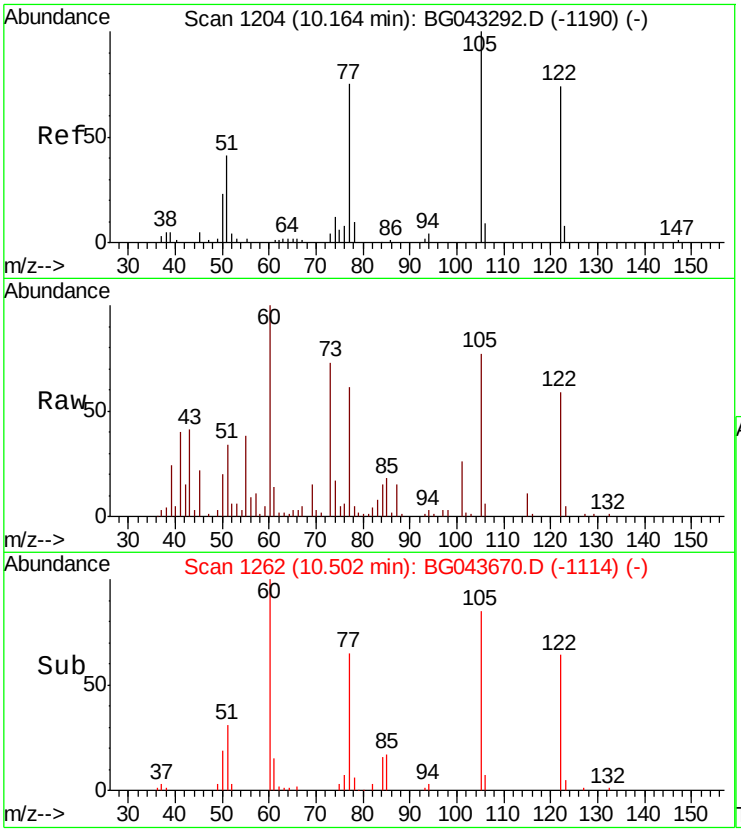


#23
Nitrobenzene-d5
Concen: 86.505 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion: 82 Resp: 181736

Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.0	52.6
54	53.3	40.2	60.2



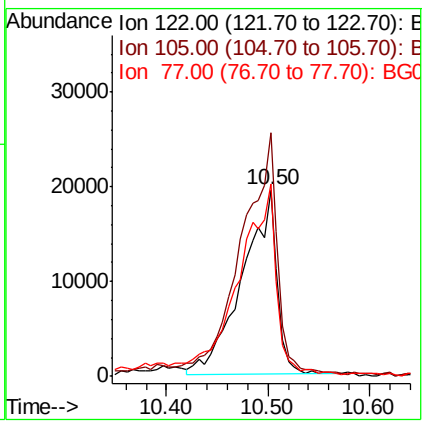


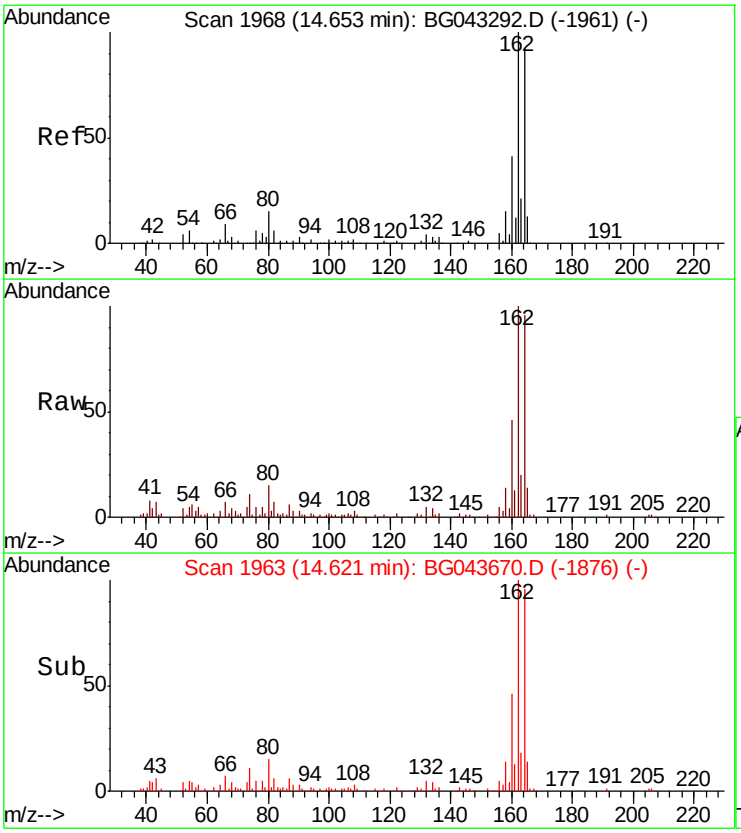
#32
Benzoic acid
Concen: 44.235 ng
RT: 10.50 min Scan# 1262
Delta R.T. 0.34 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:122 Resp: 45850

Ion	Ratio	Lower	Upper
122	100		
105	130.8	103.3	143.3
77	103.3	84.9	124.9

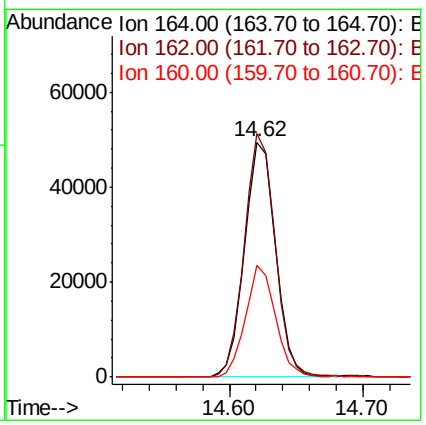


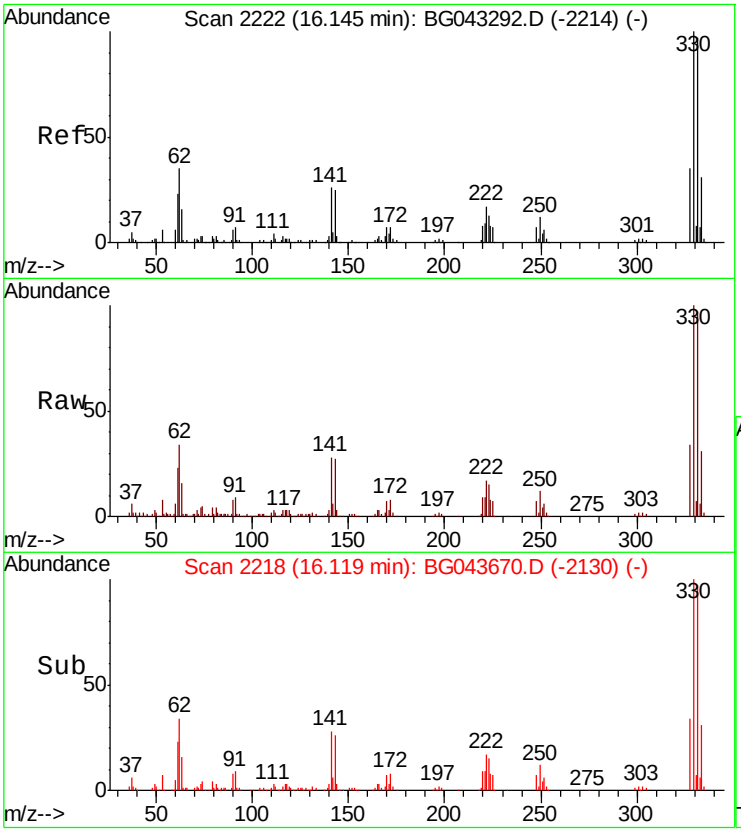


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:164 Resp: 79004

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.5	125.3
160	47.4	36.5	54.7



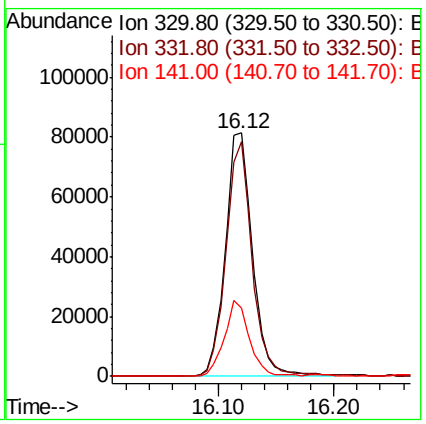


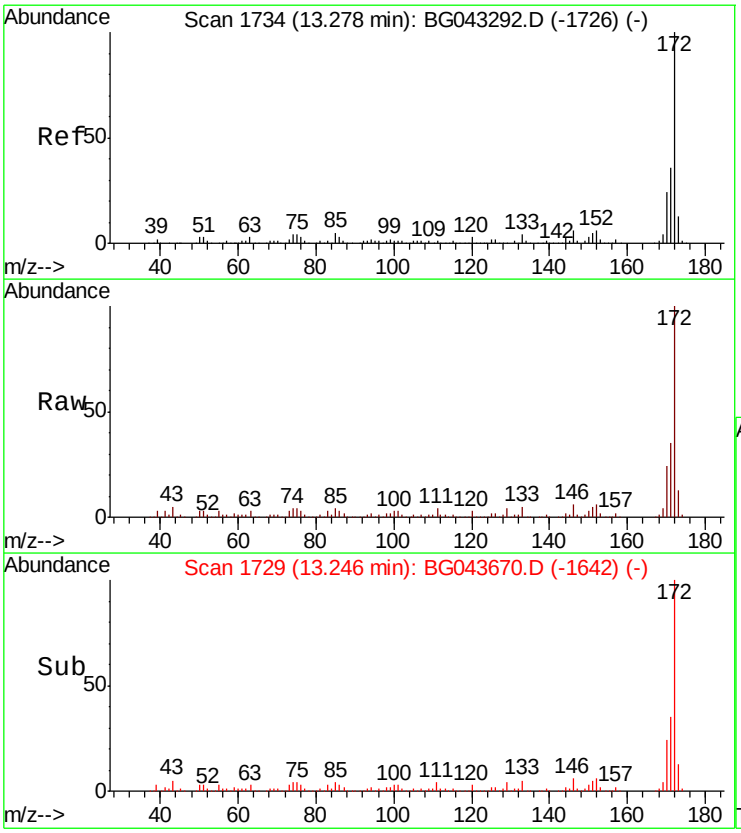
#42
2,4,6-Tribromophenol
Concen: 88.185 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:330 Resp: 132581

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.4	116.0
141	28.7	22.8	34.2

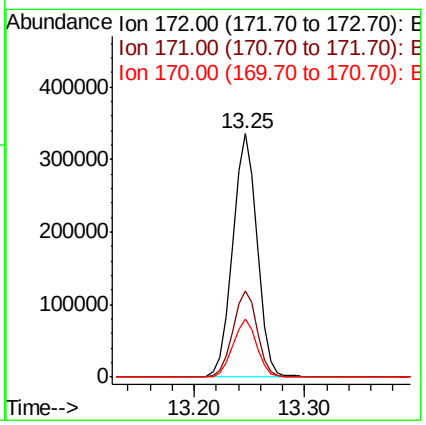


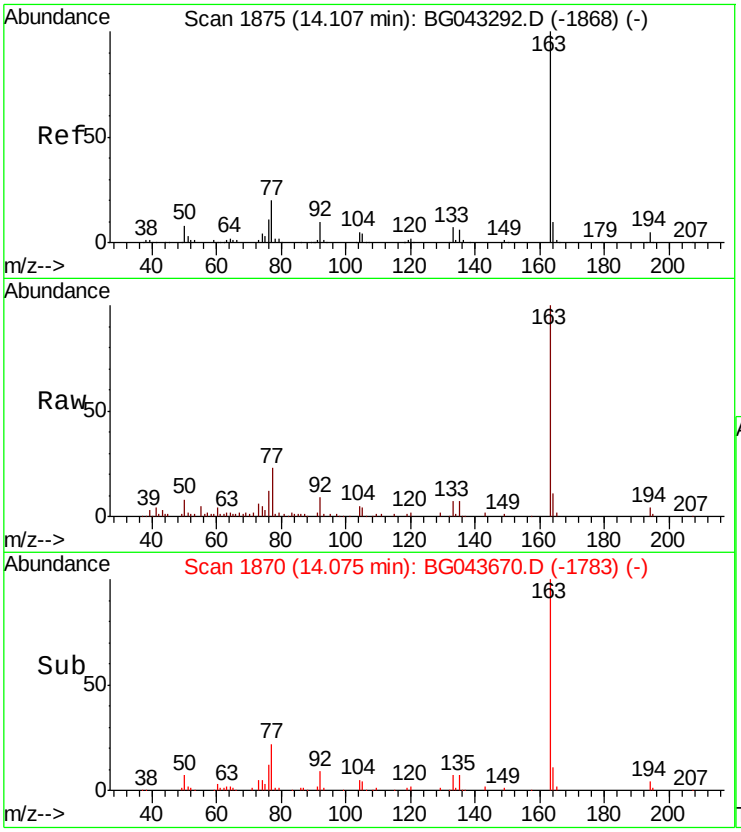


#45
2-Fluorobiphenyl
Concen: 91.242 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:172 Resp: 521672

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	24.1	18.5	27.7



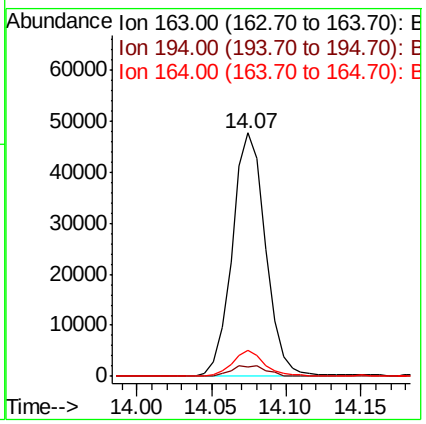


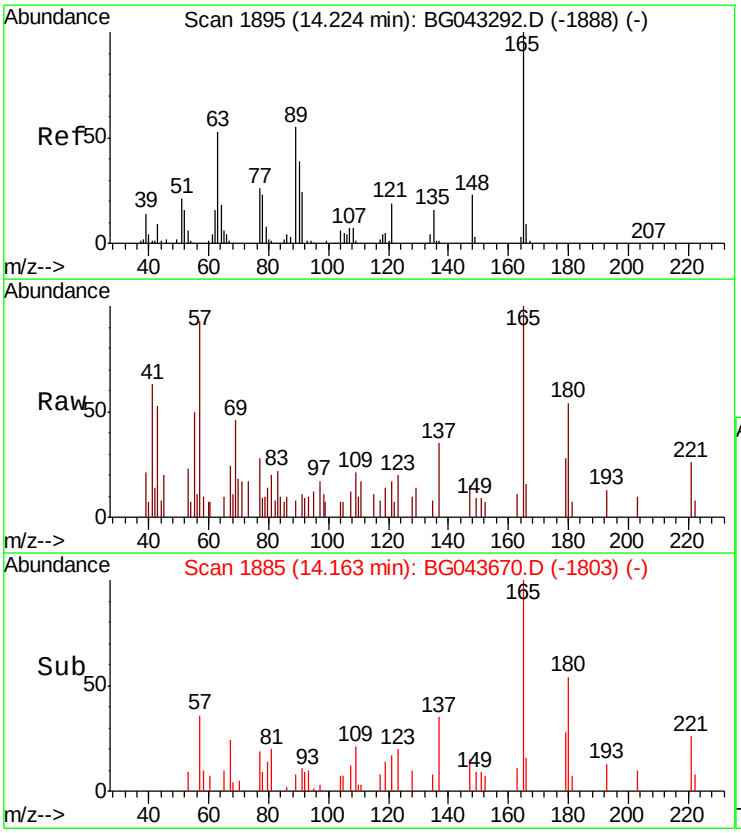
#50
Dimethylphthalate
Concen: 12.119 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:163 Resp: 74164

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.8	5.6
164	10.8	8.9	13.3

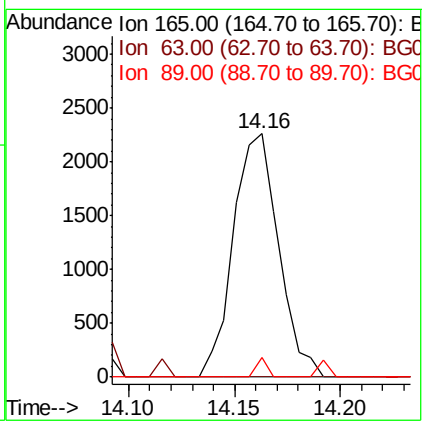


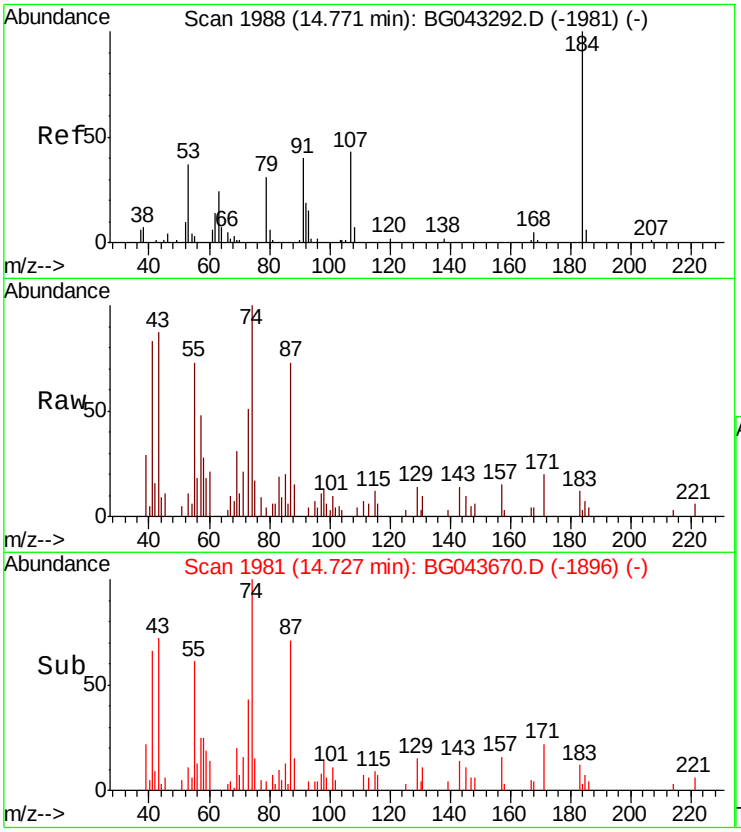


#51
2,6-Dinitrotoluene
Concen: 2.526 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.05 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:165 Resp: 3358

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.6	69.8#
89	8.1	45.1	67.7#



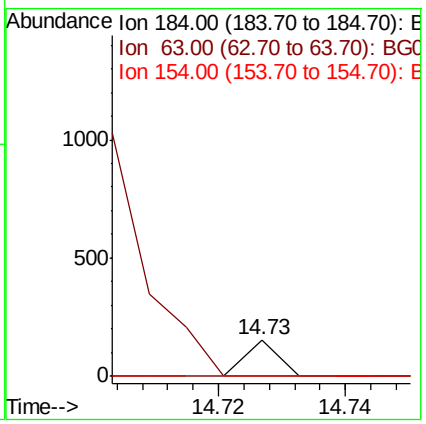


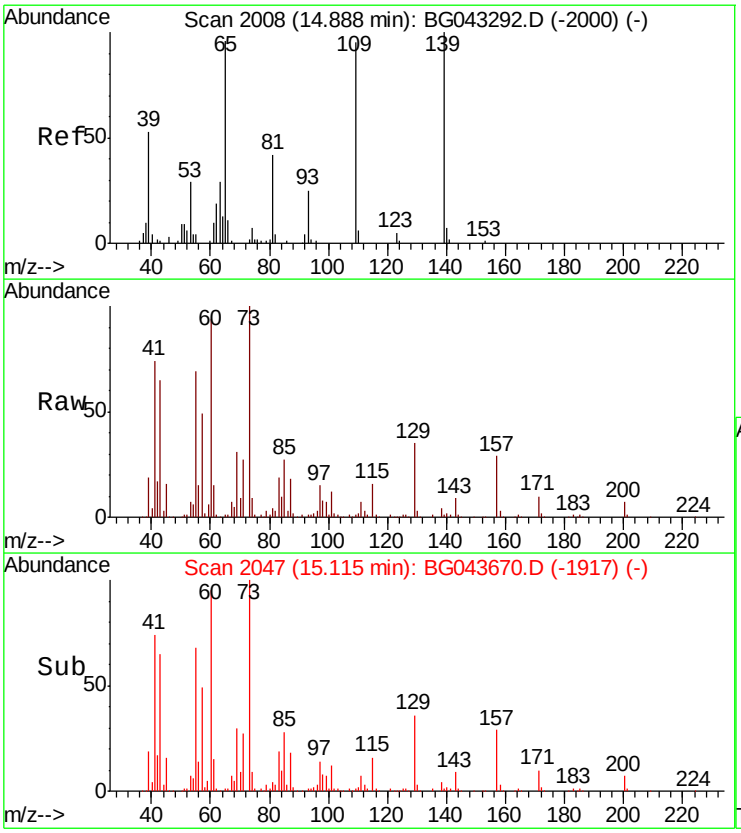
#54
2,4-Dinitrophenol
Concen: 7.342 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.3	76.9#
154	0.0	55.4	83.0#

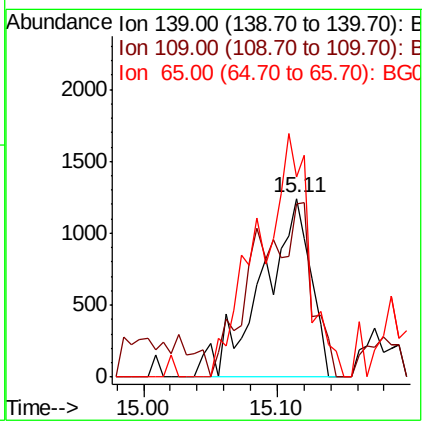


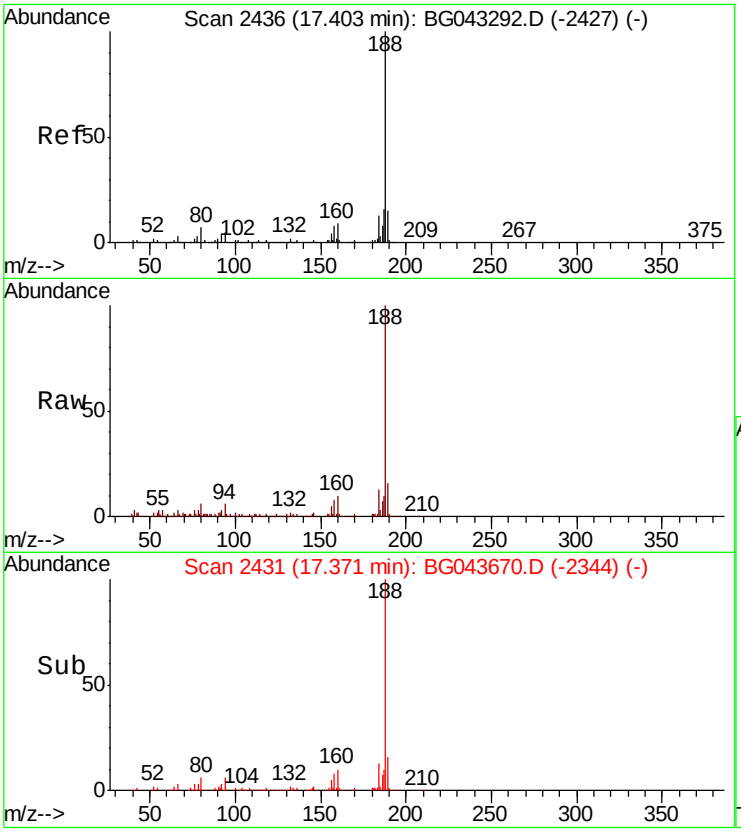


#56
4-Nitrophenol
Concen: 3.633 ng
RT: 15.11 min Scan# 2047
Delta R.T. 0.23 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:139 Resp: 3125

Ion	Ratio	Lower	Upper
139	100		
109	96.9	87.2	127.2
65	111.6	83.8	123.8



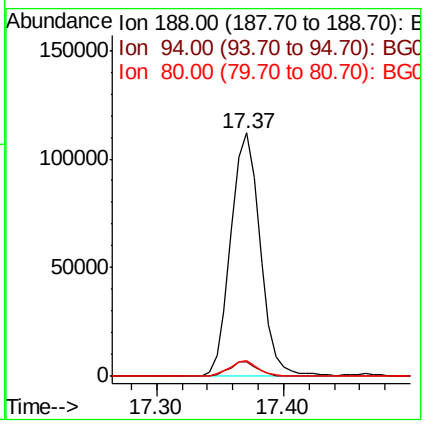


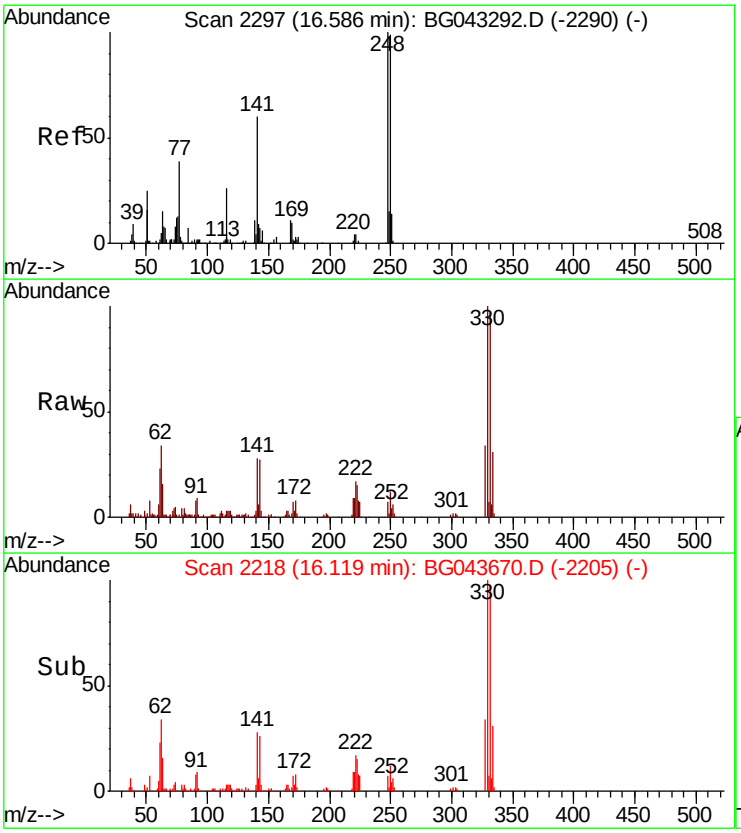
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:188 Resp: 180267

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	6.4	4.5	6.7

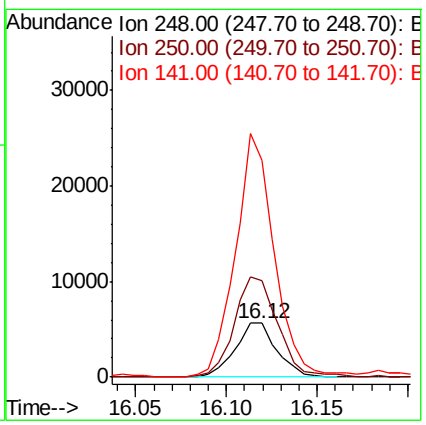


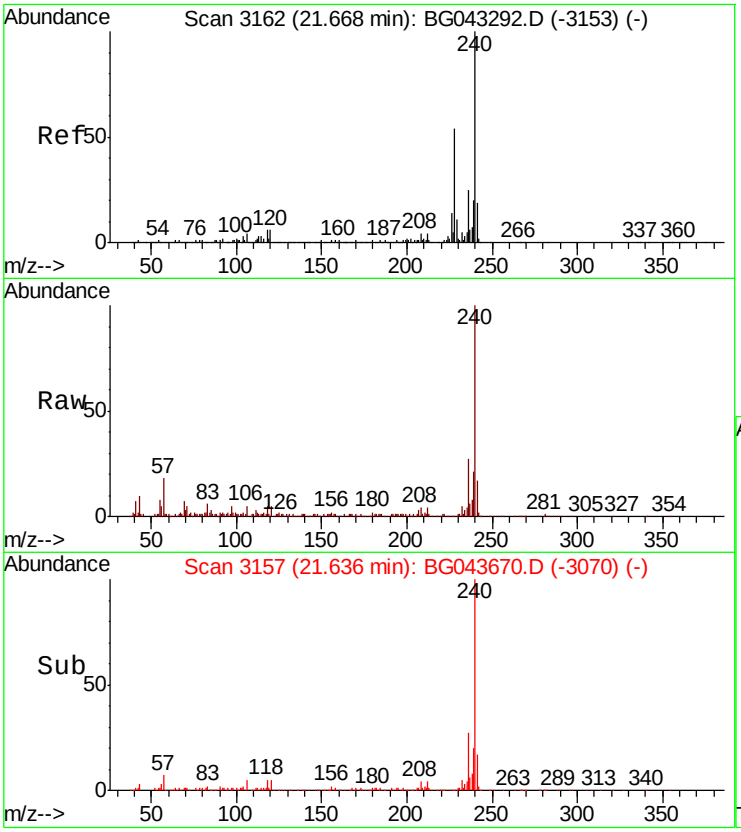


#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:248 Resp: 8952

Ion	Ratio	Lower	Upper
248	100		
250	177.6	77.0	115.4#
141	400.2	47.5	71.3#



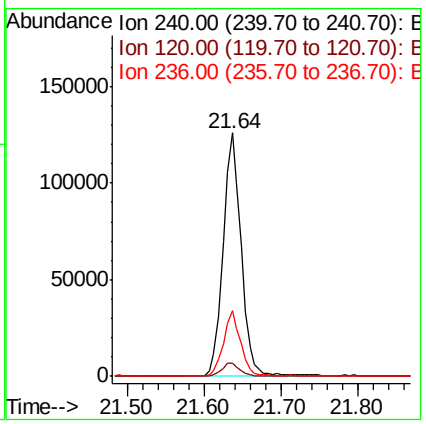


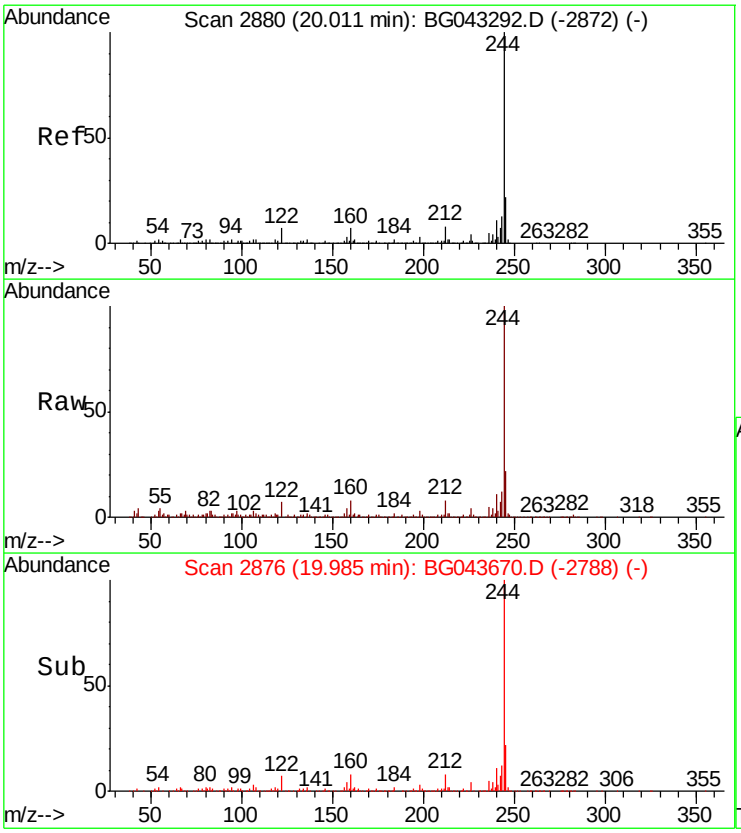
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:240 Resp: 206677

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	6.8
236	27.1	19.8	29.8

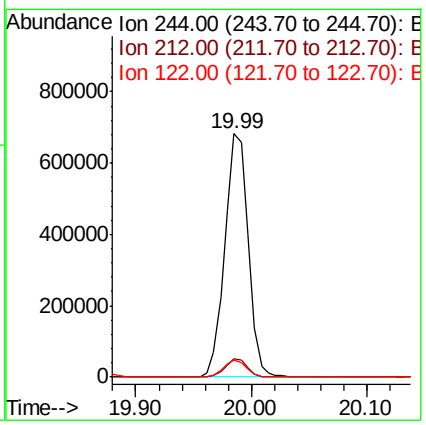


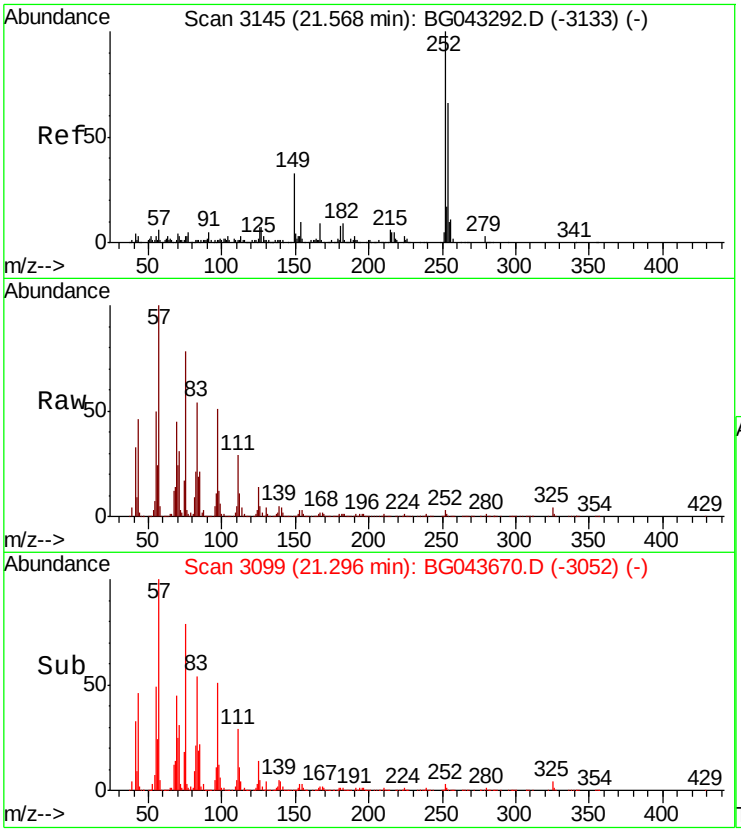


#79
Terphenyl-d14
Concen: 86.964 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:244 Resp: 958041

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	7.0	5.4	8.2



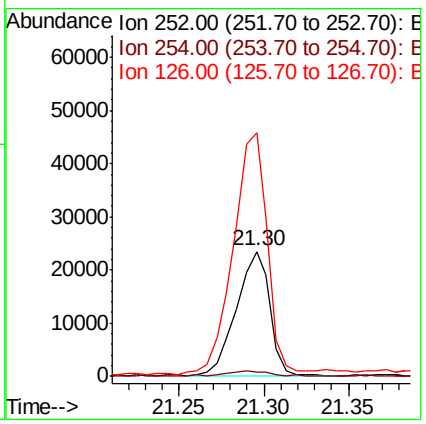


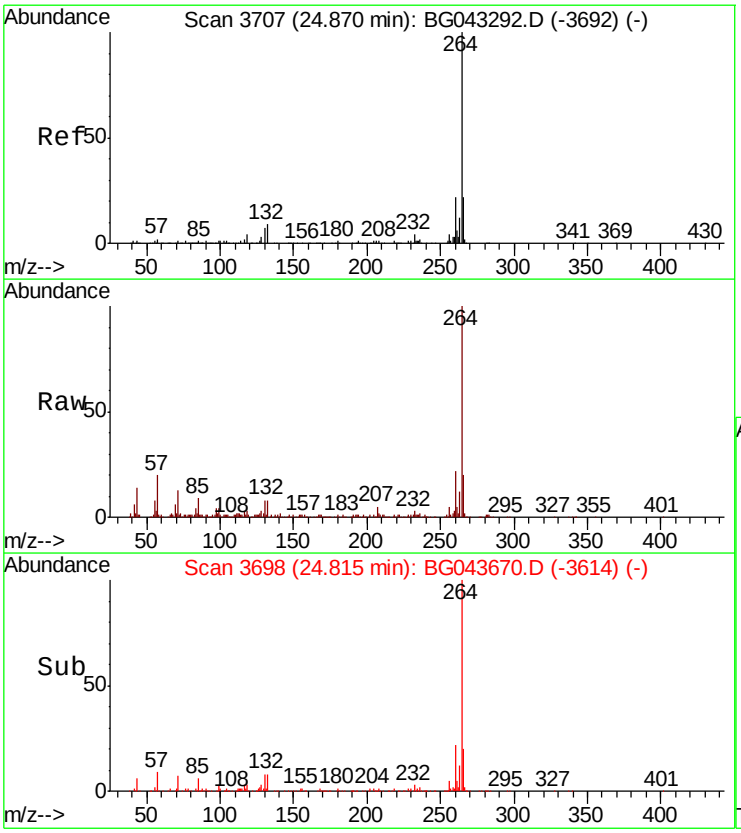
#82
3,3'-Dichlorobenzidine
Concen: 6.543 ng
RT: 21.30 min Scan# 3099
Delta R.T. -0.25 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:252 Resp: 32761

Ion	Ratio	Lower	Upper
252	100		
254	3.9	50.8	76.2#
126	194.9	6.1	9.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043670.D
Acq: 16 Nov 2019 3:39

Tgt Ion:264 Resp: 238996

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.5	26.3
265	20.1	17.4	26.0