Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043378.D
Acq On : 29 Oct 2019 17:40
Operator : JU
Sample : K5564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 30 06:22:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	45389	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	177004	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	127943	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	284990	20.00	ng		-0.01
76) Chrysene-d12	21.66	240	307214	20.00	ng		-0.01
87) Perylene-d12	24.85	264	371923	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	303079	122.36	ng		0.00
7) Phenol-d6	7.21	99	436657	122.53	ng		0.00
23) Nitrobenzene-d5	9.19	82	268036	78.07	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	265338	108.98	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	728019	78.63	ng		0.00
79) Terphenyl-d14	20.00	244	1300339	79.41	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.35	79	5238	2.093	ng	#	69
19) n-Nitroso-di-n-propylamine	9.19	70	37035	16.082	ng	#	78
32) Benzoic acid	9.88	122	73	9.083	ng	#	1
50) Dimethylphthalate	14.10	163	112420	11.344	ng		97
54) 2,4-Dinitrophenol	14.86	184	53	7.319	ng	#	20
57) 2,4-Dinitrotoluene	14.65	165	17803	5.786	ng	#	25
67) 4-Bromophenyl-phenylether	16.14	248	16719	4.359	ng	#	1
75) Fluoranthene	19.45	202	45747	2.404	ng		98
77) Benzidine	20.00	184	19580	3.167	ng	#	94
78) Pyrene	19.81	202	41637	2.190	ng		96
80) Butylbenzylphthalate	20.69	149	60532	8.402	ng		99

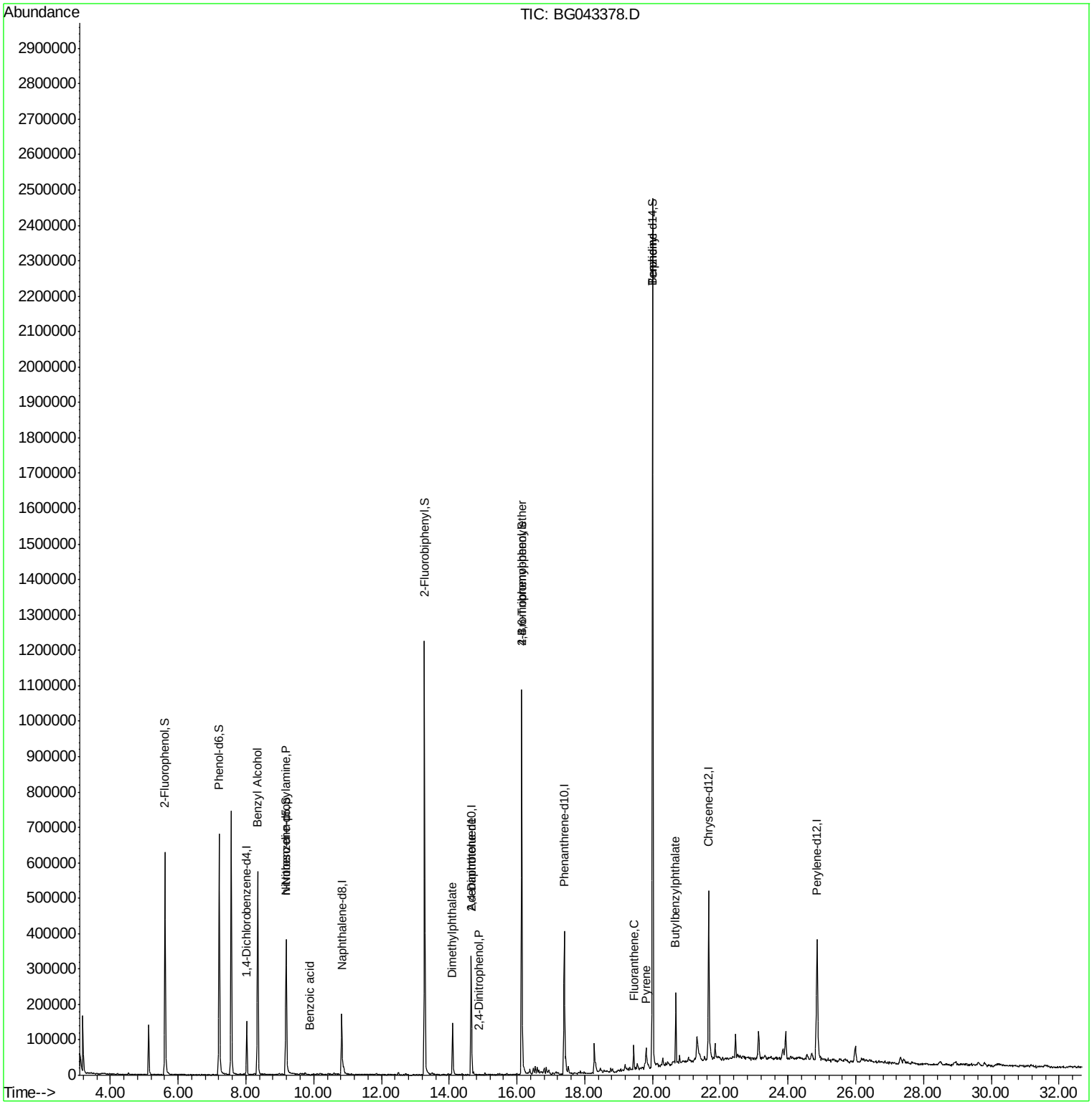
(#) = qualifier out of range (m) = manual integration (+) = signals summed

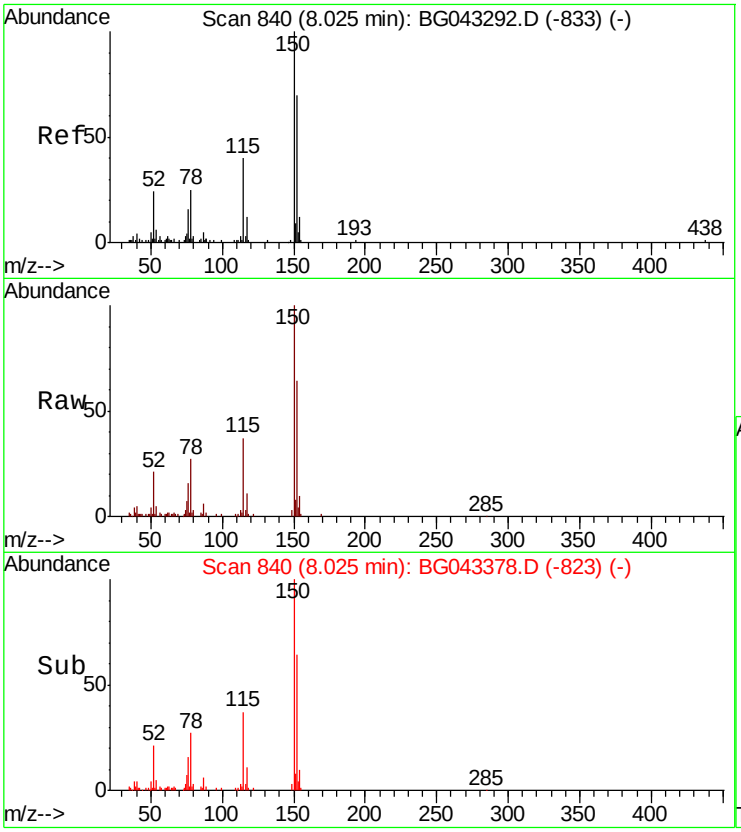
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043378.D
Acq On : 29 Oct 2019 17:40
Operator : JU
Sample : K5564-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 30 06:22:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



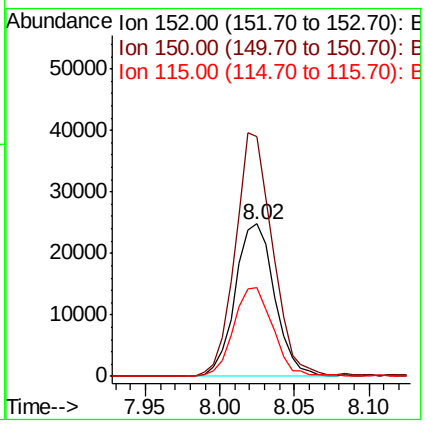


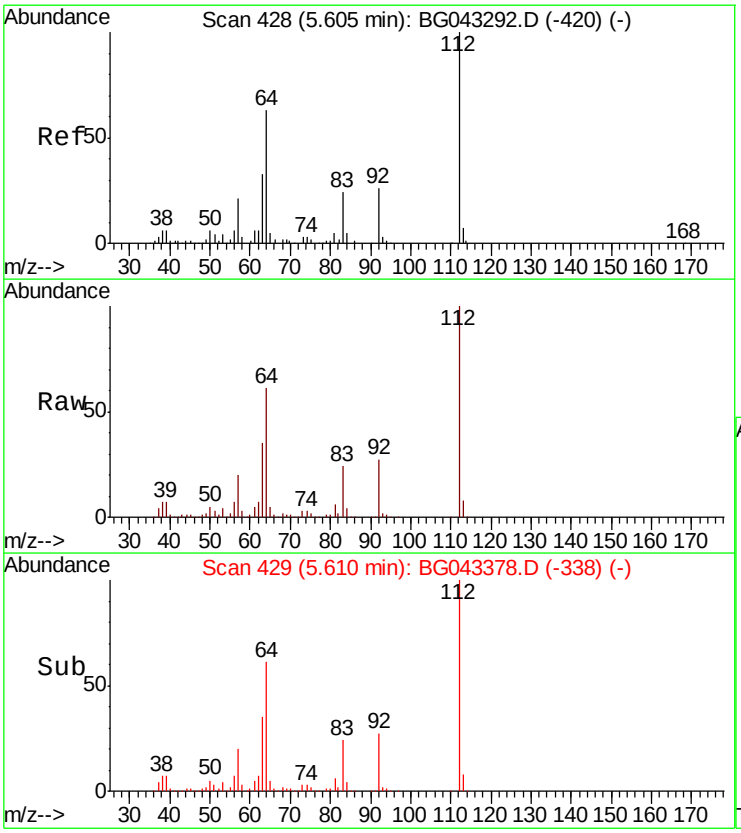
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45389

Ion	Ratio	Lower	Upper
152	100		
150	157.3	113.6	170.4
115	57.9	45.9	68.9

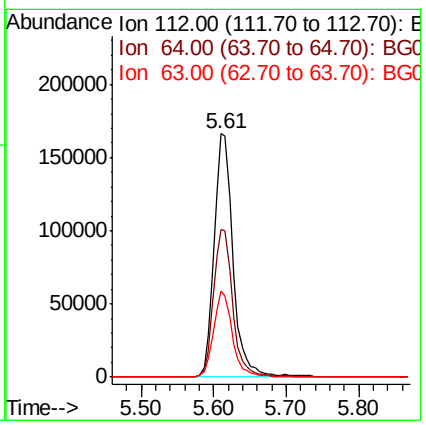


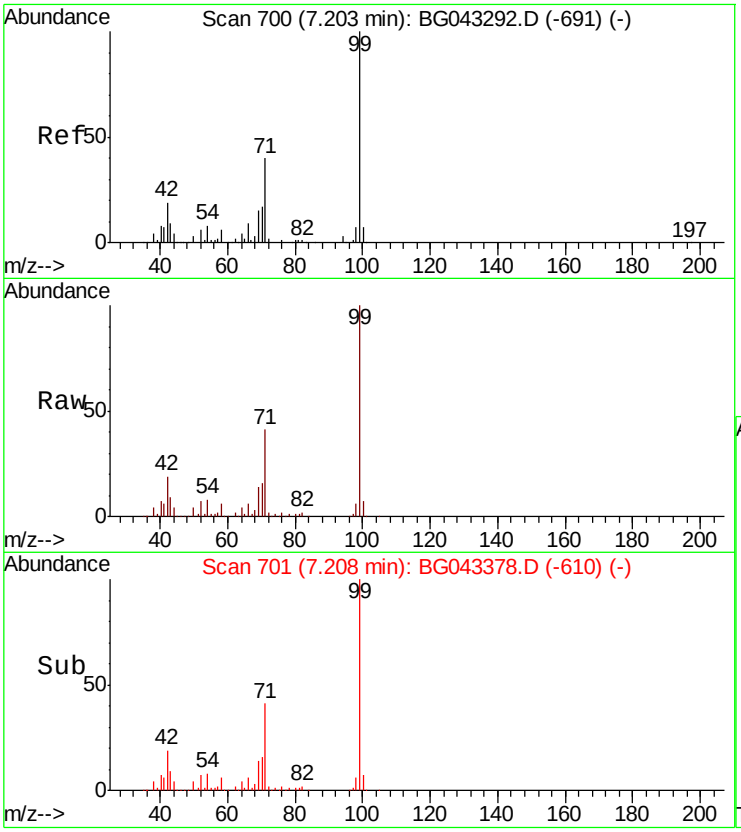


#5
2-Fluorophenol
Concen: 122.359 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:112 Resp: 303079

Ion	Ratio	Lower	Upper
112	100		
64	60.9	50.2	75.2
63	35.2	26.7	40.1



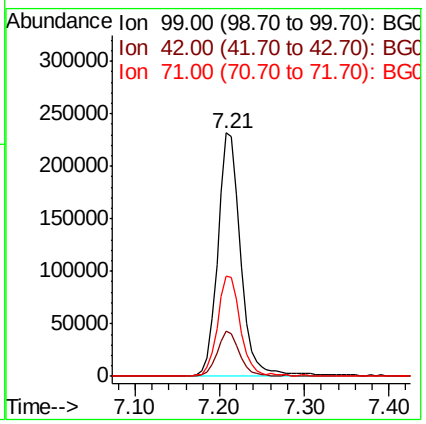


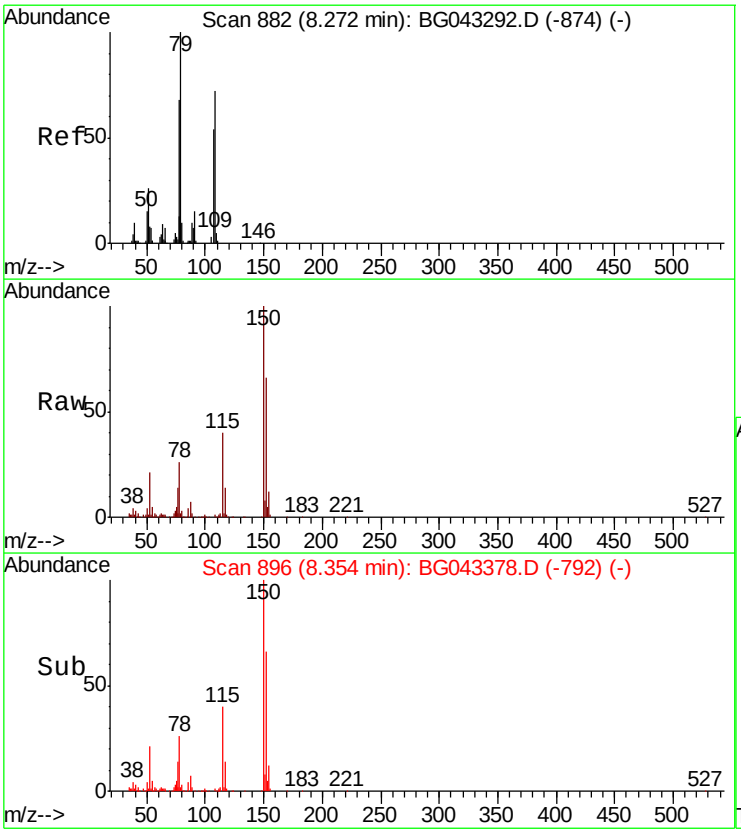
#7
Phenol-d6
Concen: 122.527 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 436657

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	41.2	32.2	48.2

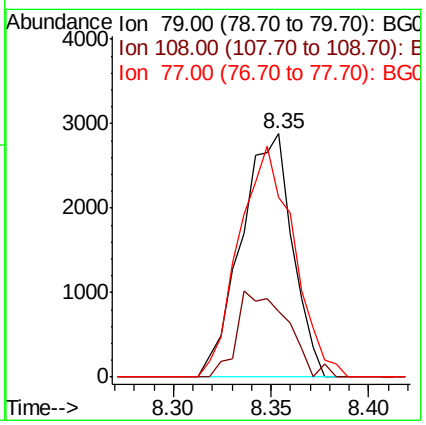


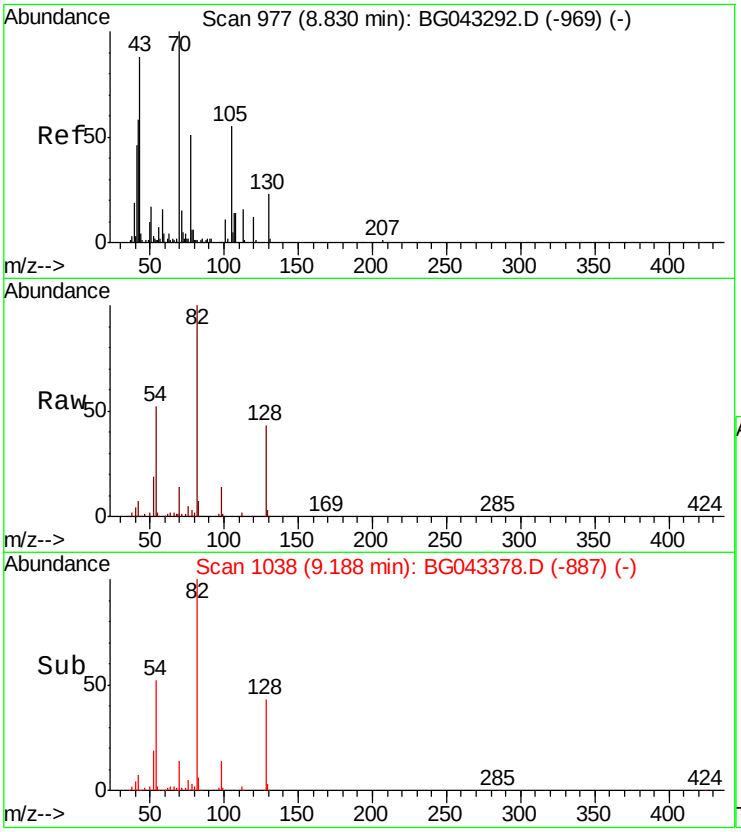


#15
Benzyl Alcohol
Concen: 2.093 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.08 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion: 79 Resp: 5238

Ion	Ratio	Lower	Upper
79	100		
108	26.9	57.3	85.9#
77	73.9	54.6	81.8



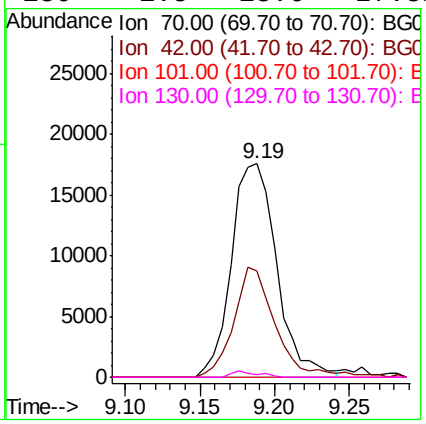


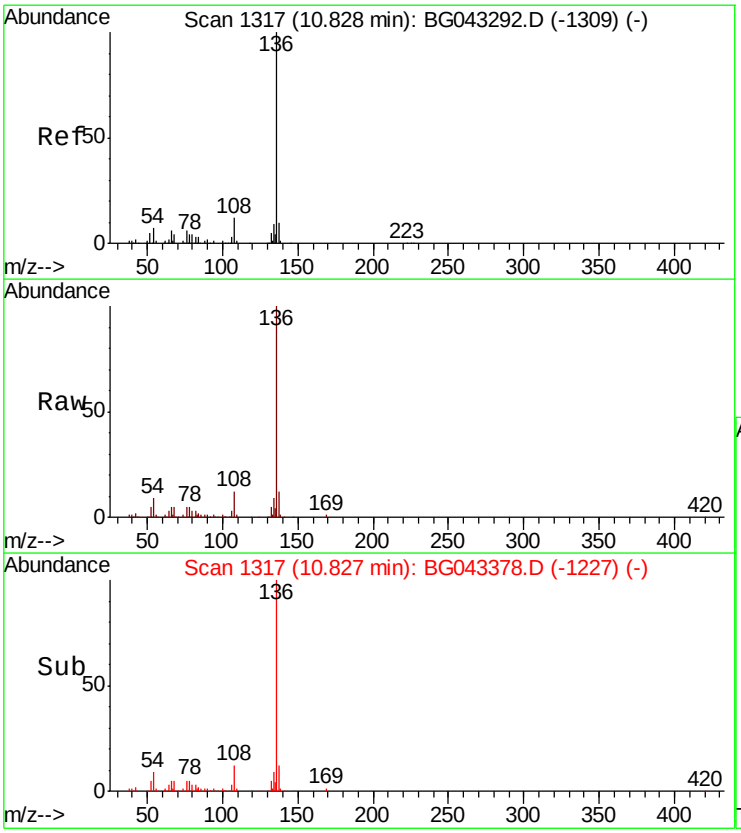
#19
n-Nitroso-di-n-propylamine
Concen: 16.082 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37035

Ion	Ratio	Lower	Upper
70	100		
42	49.5	46.2	69.2
101	0.0	8.6	13.0#
130	1.5	18.6	27.8#

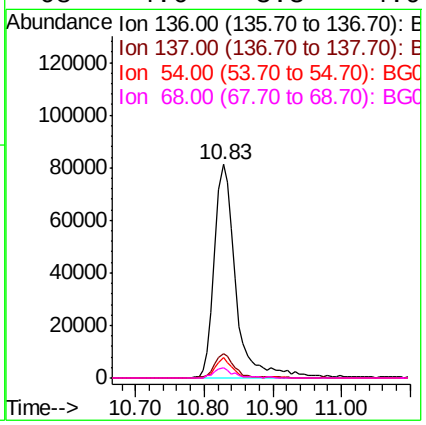


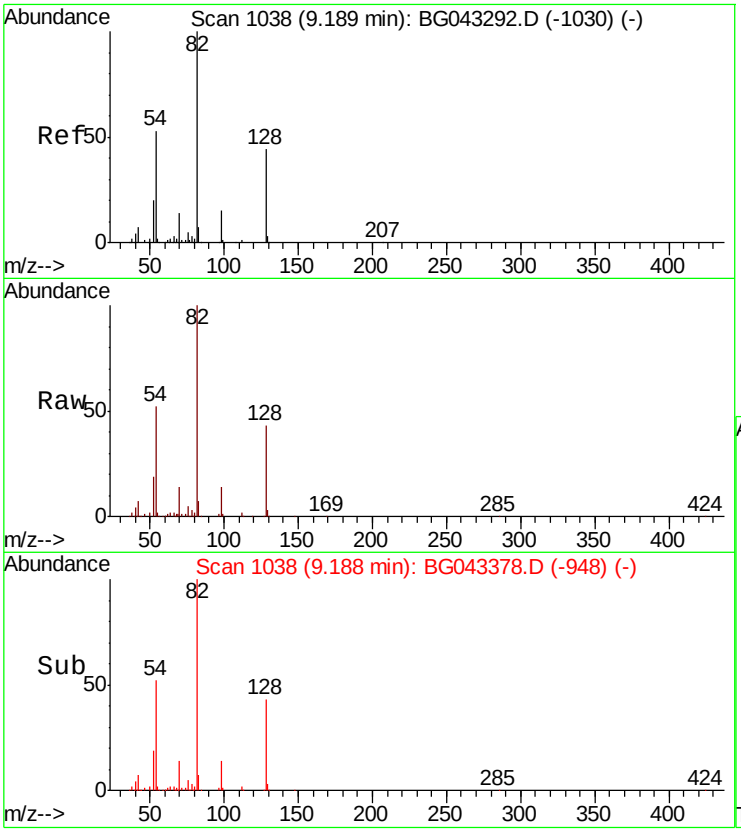


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:136 Resp: 177004

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	9.5	5.4	8.2#
68	4.6	3.3	4.9



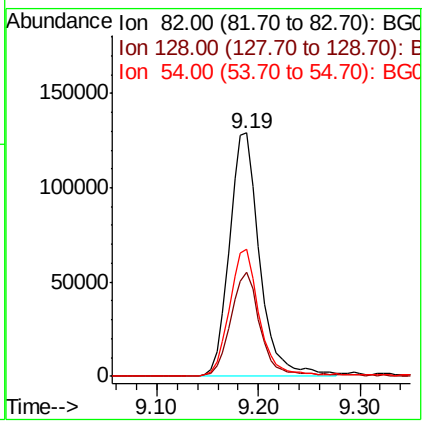


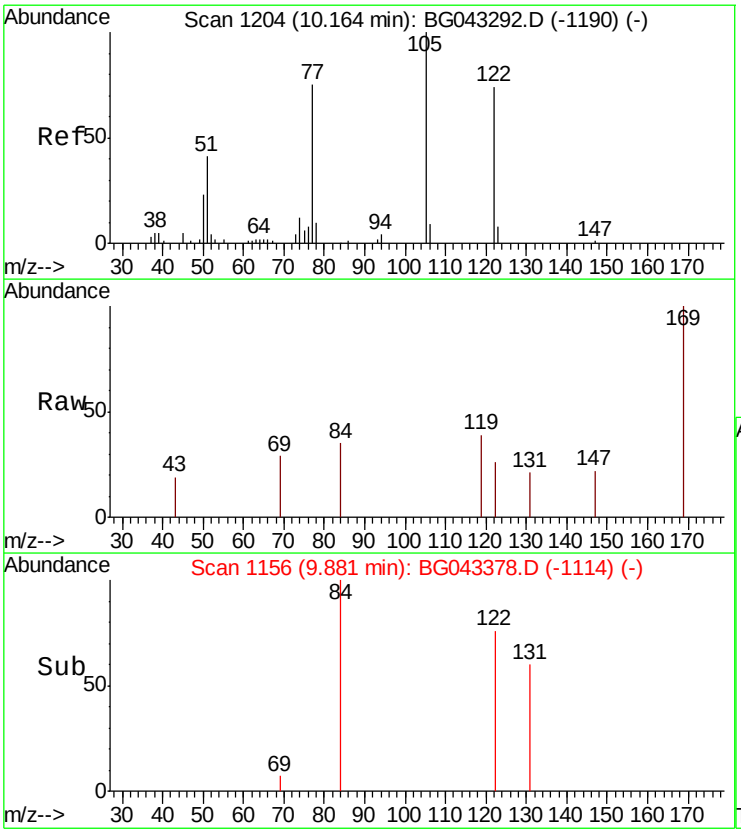
#23
Nitrobenzene-d5
Concen: 78.069 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 268036

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.3	52.9
54	52.3	42.3	63.5

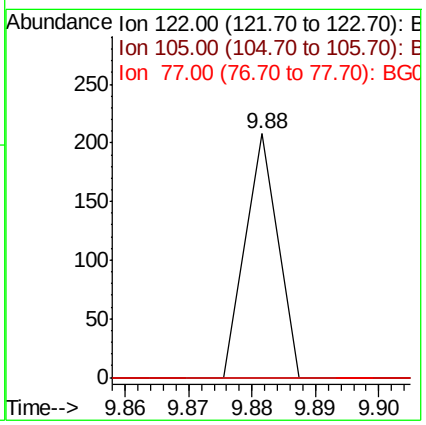


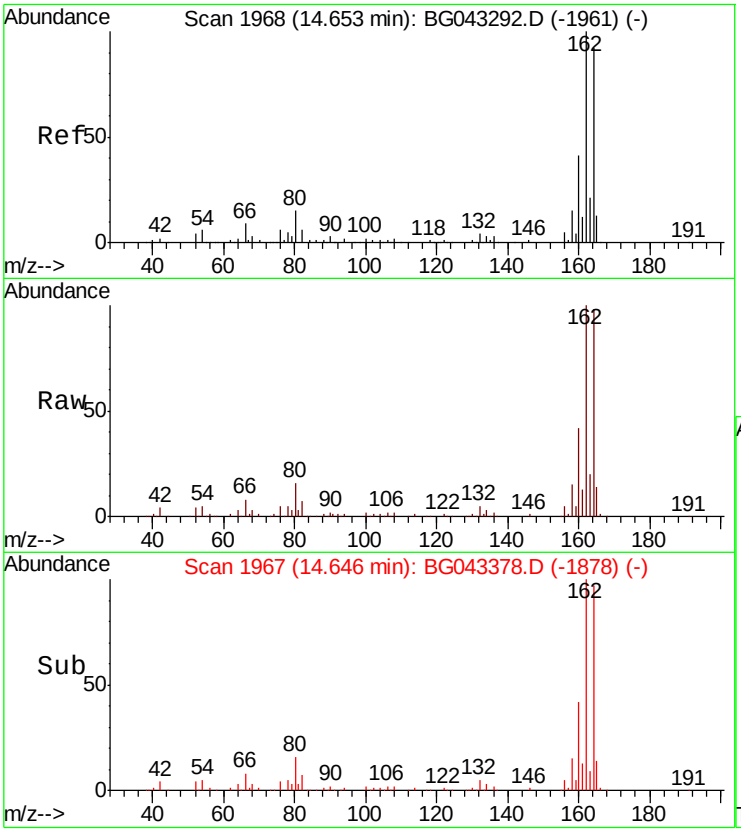


#32
Benzoic acid
Concen: 9.083 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.28 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#



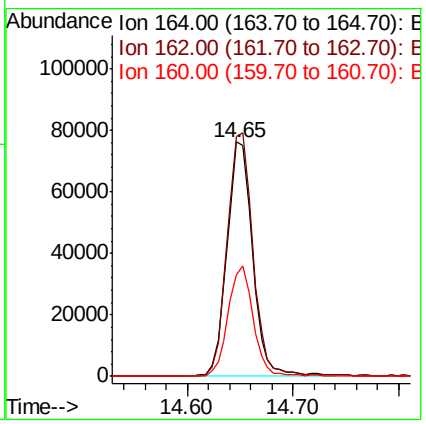


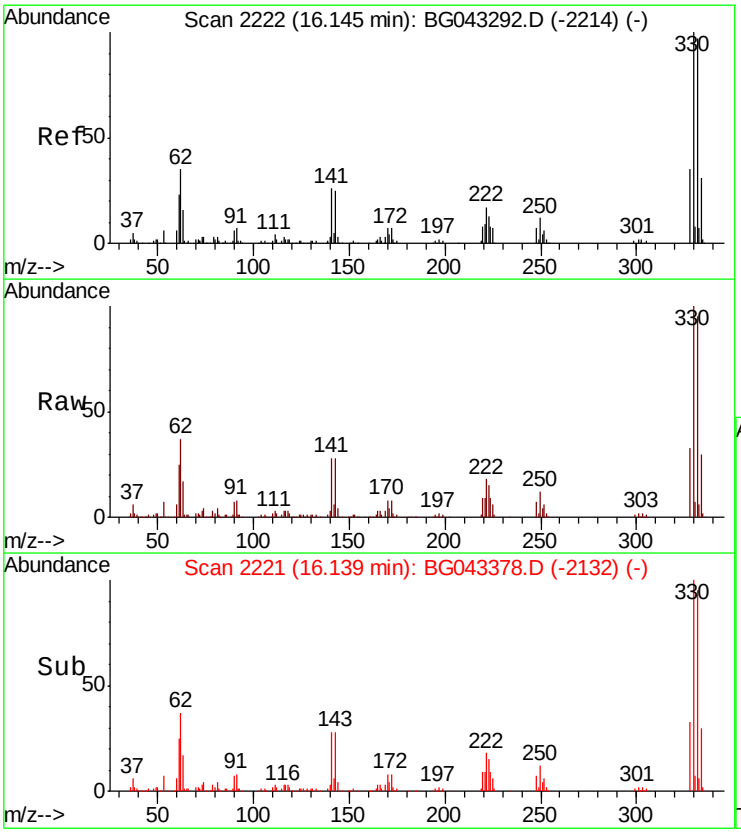
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 127943

Ion	Ratio	Lower	Upper
164	100		
162	102.3	87.0	130.4
160	43.4	35.5	53.3

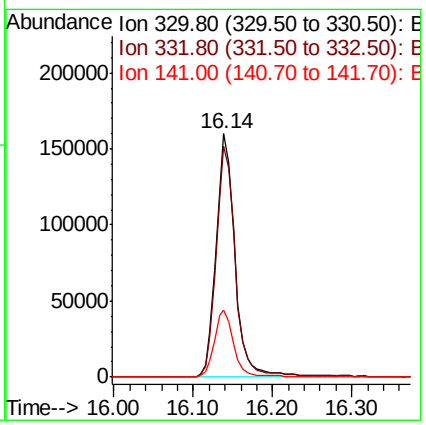


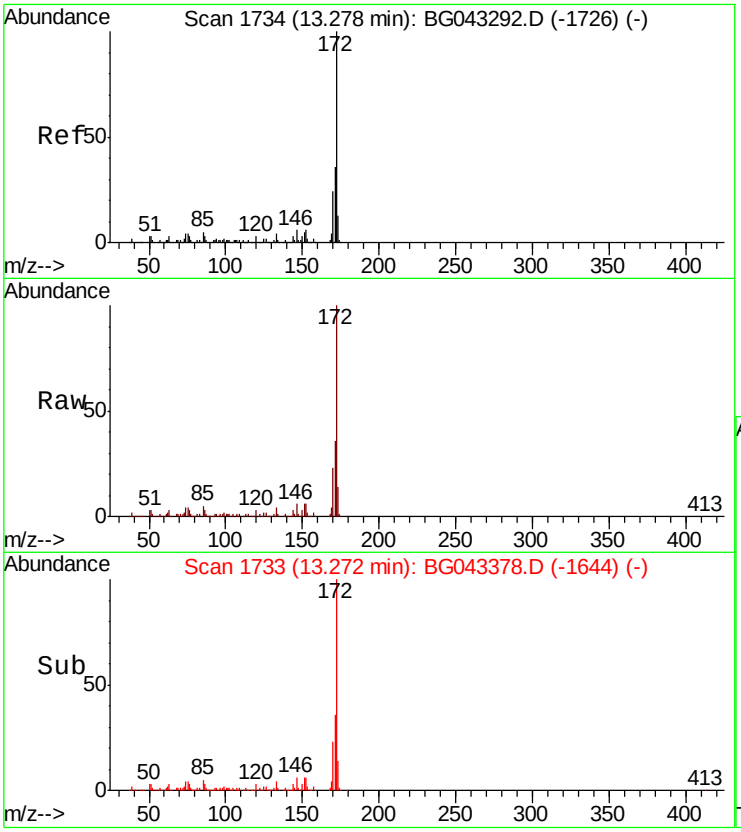


#42
2,4,6-Tribromophenol
Concen: 108.979 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:330 Resp: 265338

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	28.3	21.4	32.0



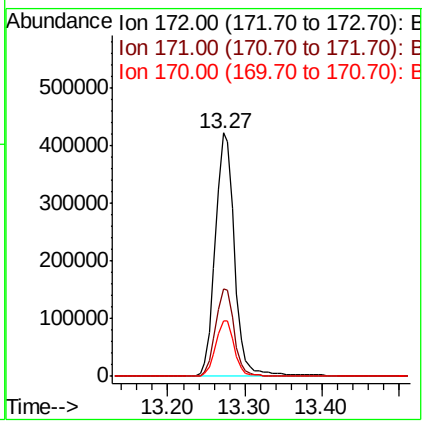


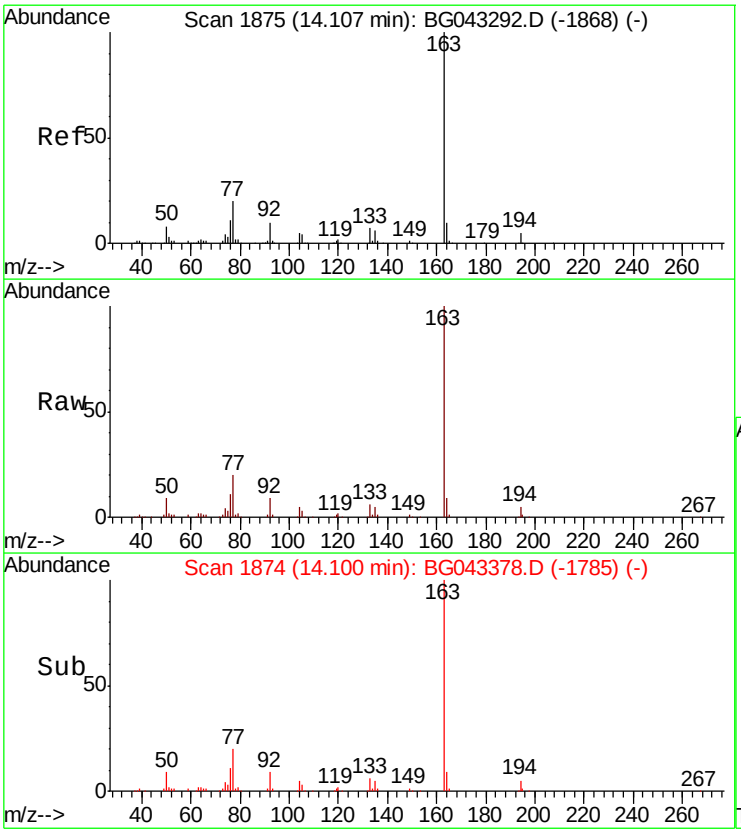
#45
2-Fluorobiphenyl
Concen: 78.627 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 728019

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.8	18.8	28.2

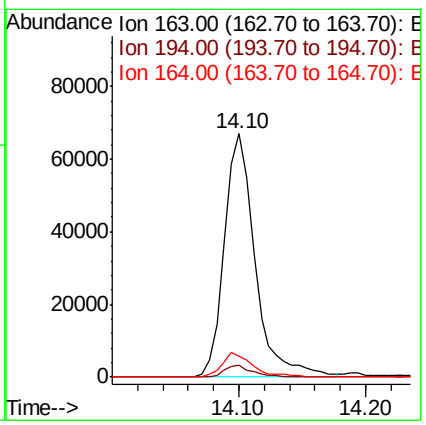


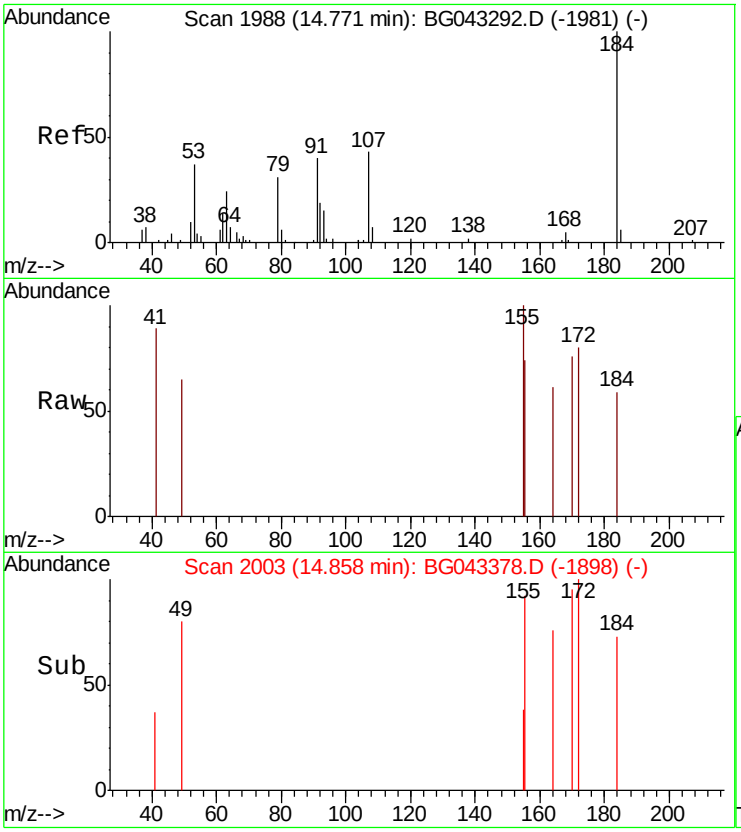


#50
Dimethylphthalate
Concen: 11.344 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:163 Resp: 112420

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.7	5.5
164	8.7	8.1	12.1



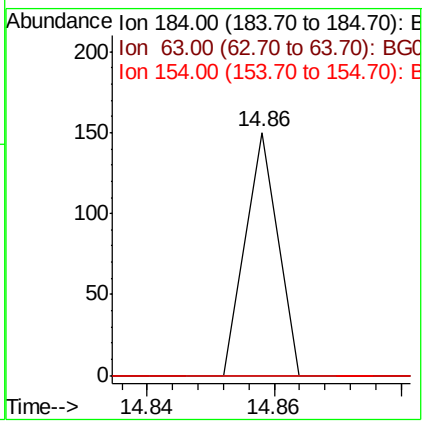


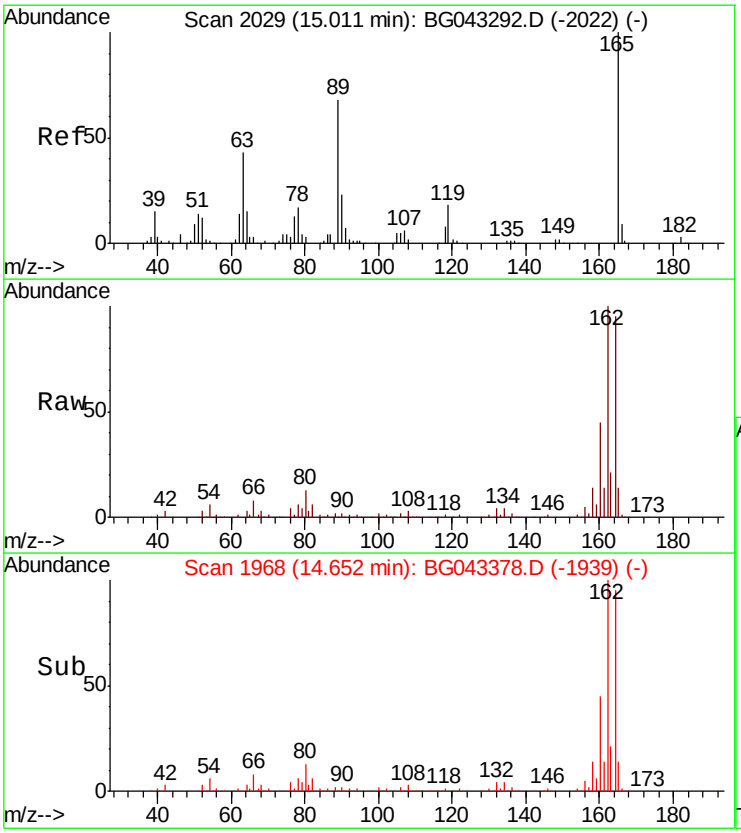
#54
2,4-Dinitrophenol
Concen: 7.319 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.09 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 53

Ion	Ratio	Lower	Upper
184	100		
63	0.0	48.8	73.2#
154	0.0	49.4	74.0#

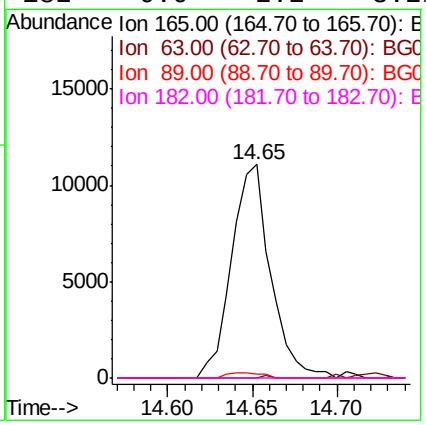


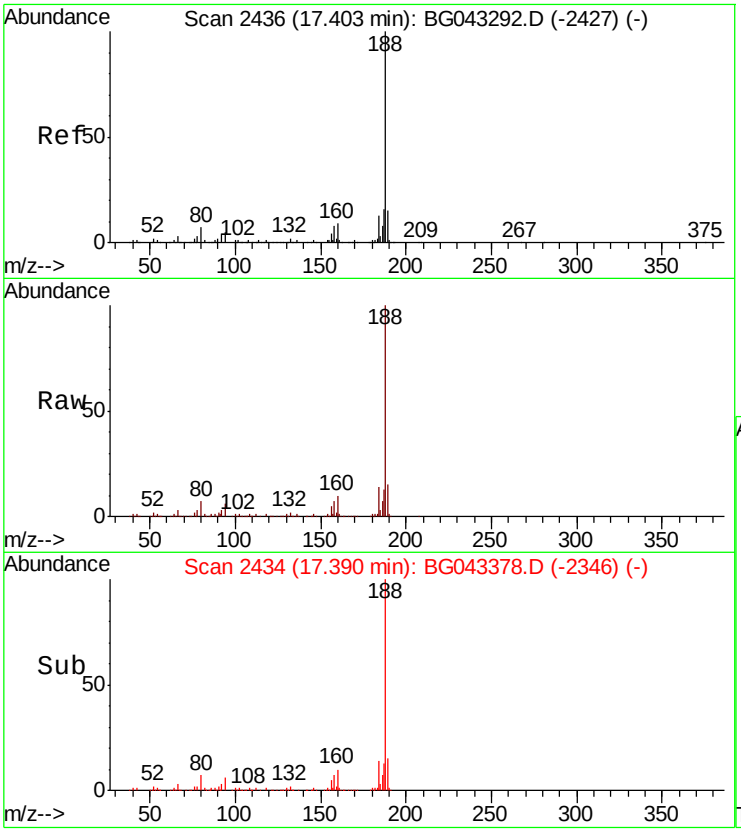


#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:165 Resp: 17803

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	1.9	54.1	81.1#
182	0.0	2.2	3.2#



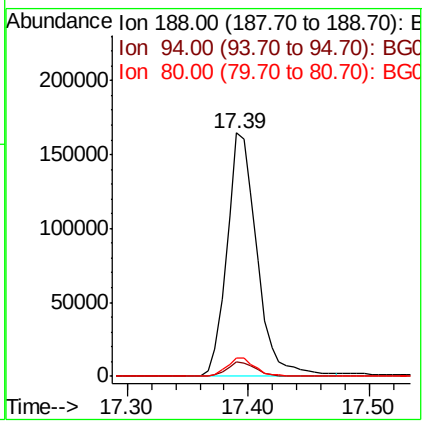


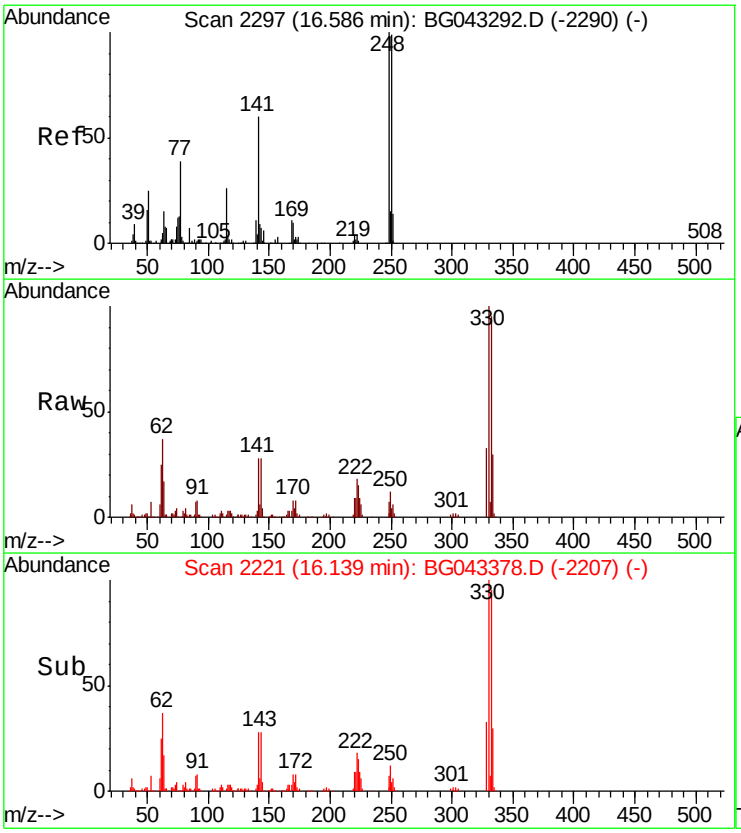
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 284990

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	7.4	5.2	7.8

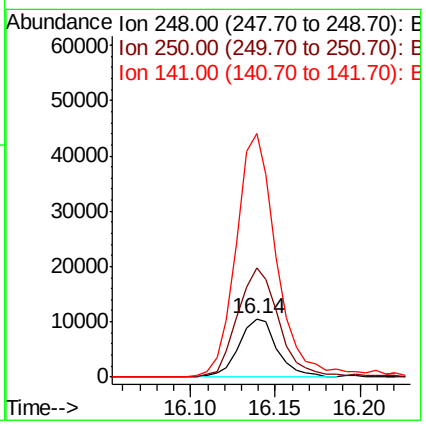


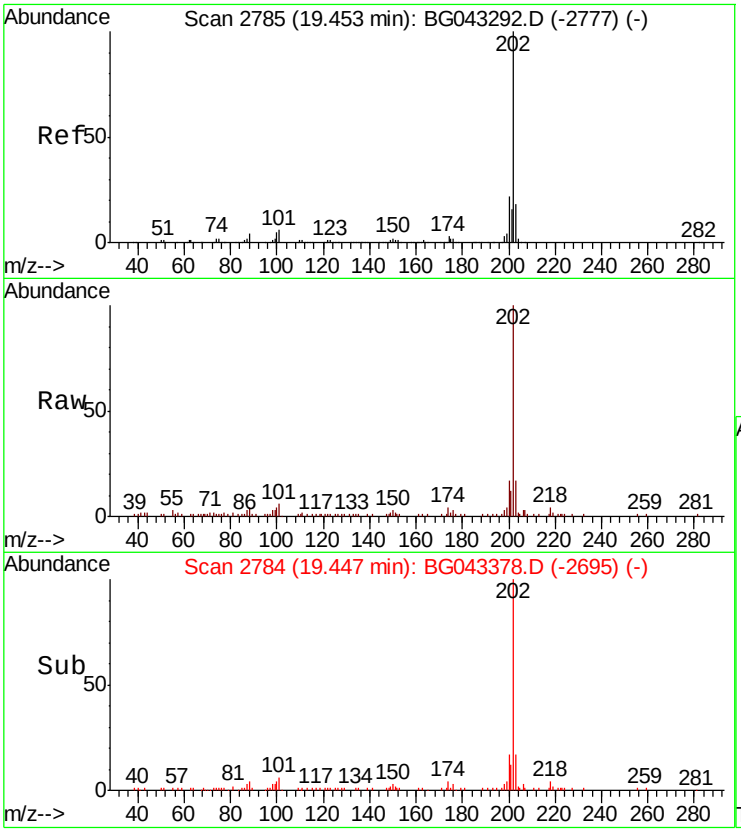


#67
4-Bromophenyl-phenylether
Concen: 4.359 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:248 Resp: 16719

Ion	Ratio	Lower	Upper
248	100		
250	186.6	79.3	118.9#
141	417.2	47.9	71.9#



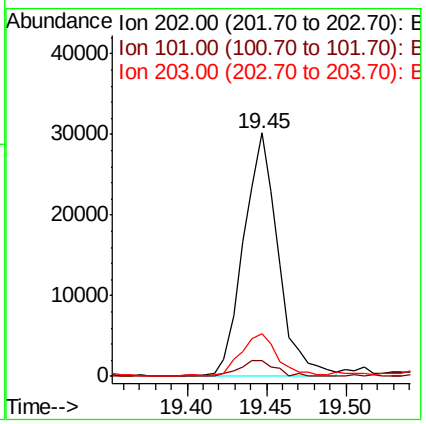


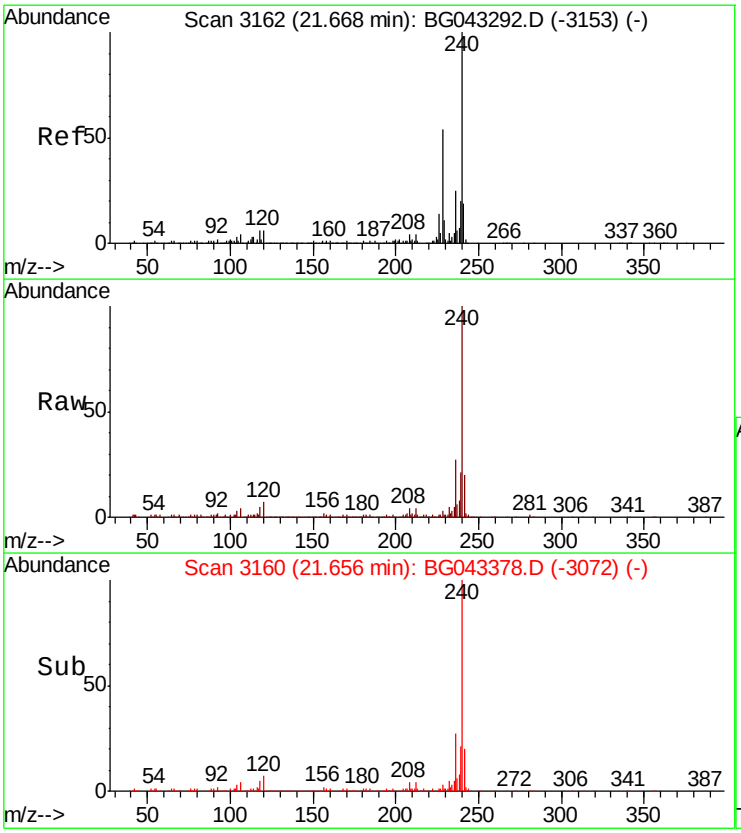
#75
Fluoranthene
Concen: 2.404 ng
RT: 19.45 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 45747

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.0
203	17.3	0.0	38.2

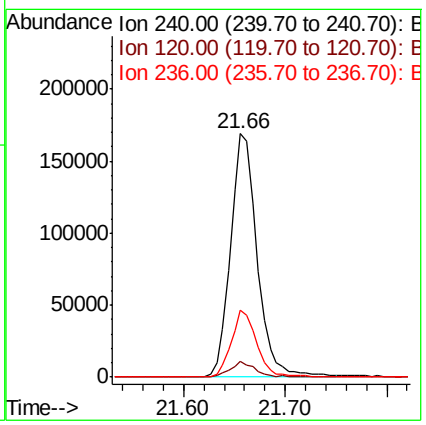


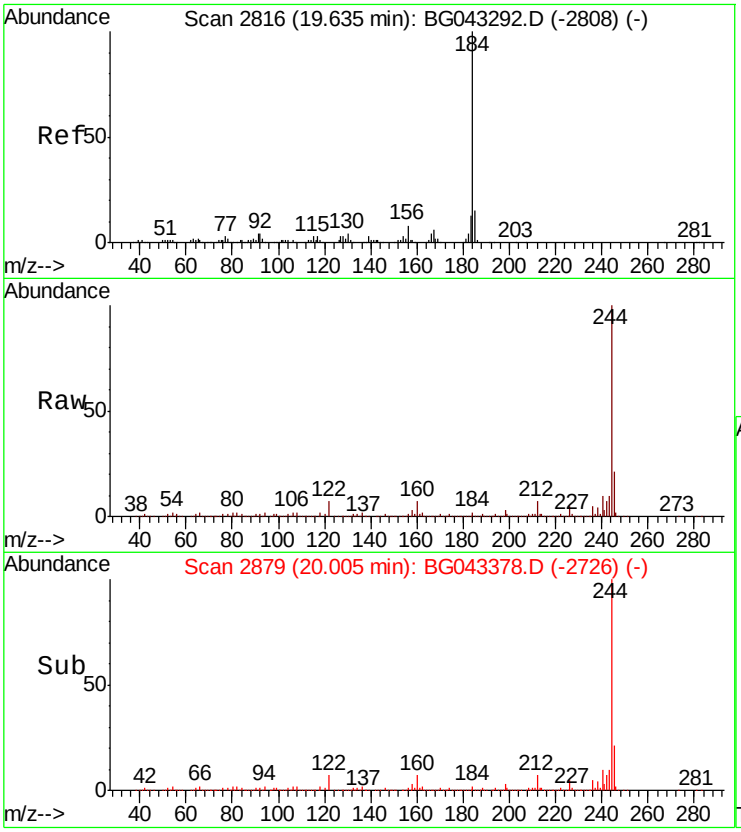


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:240 Resp: 307214

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.6	7.0
236	27.3	20.2	30.4



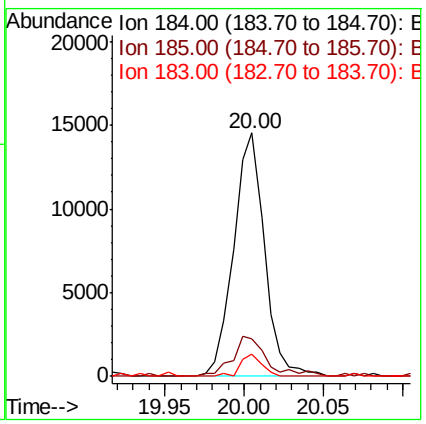


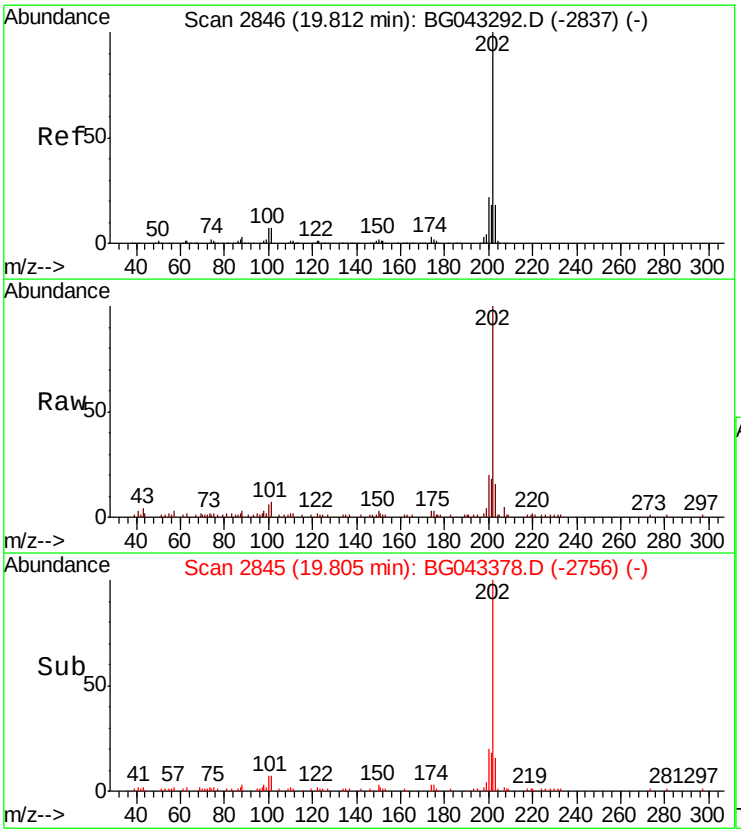
#77
Benzidine
Concen: 3.167 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19580

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.6
183	8.9	10.6	16.0#

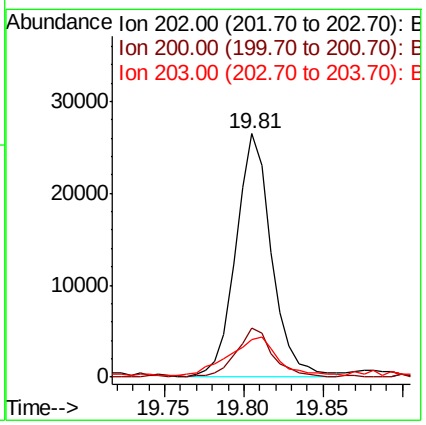


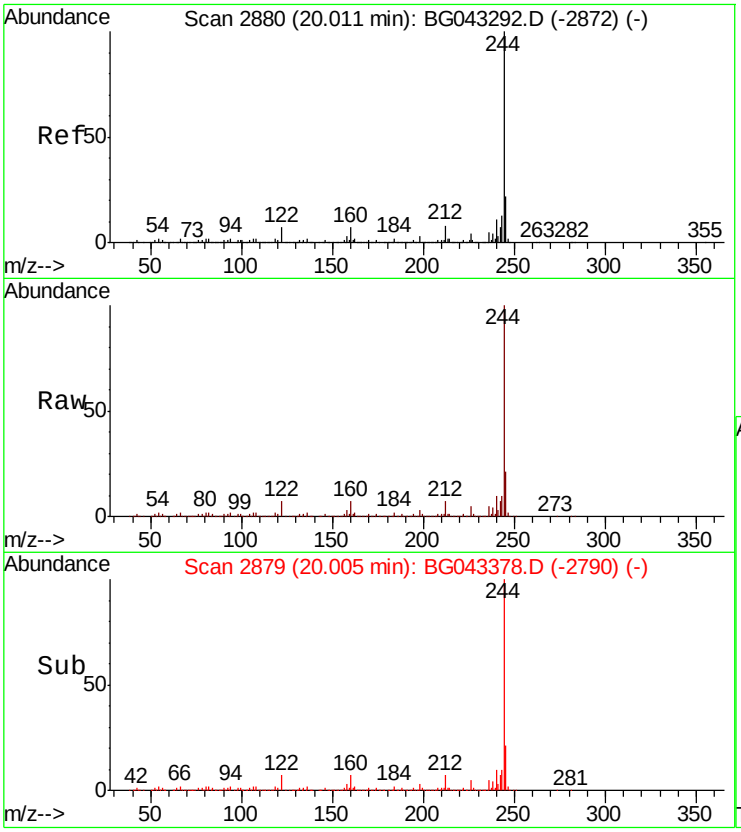


#78
Pyrene
Concen: 2.190 ng
RT: 19.81 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:202 Resp: 41637

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.3	25.9
203	15.5	14.5	21.7



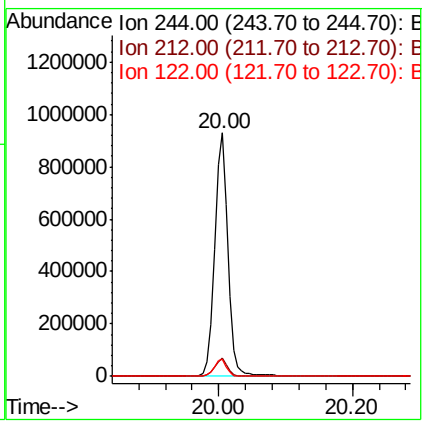


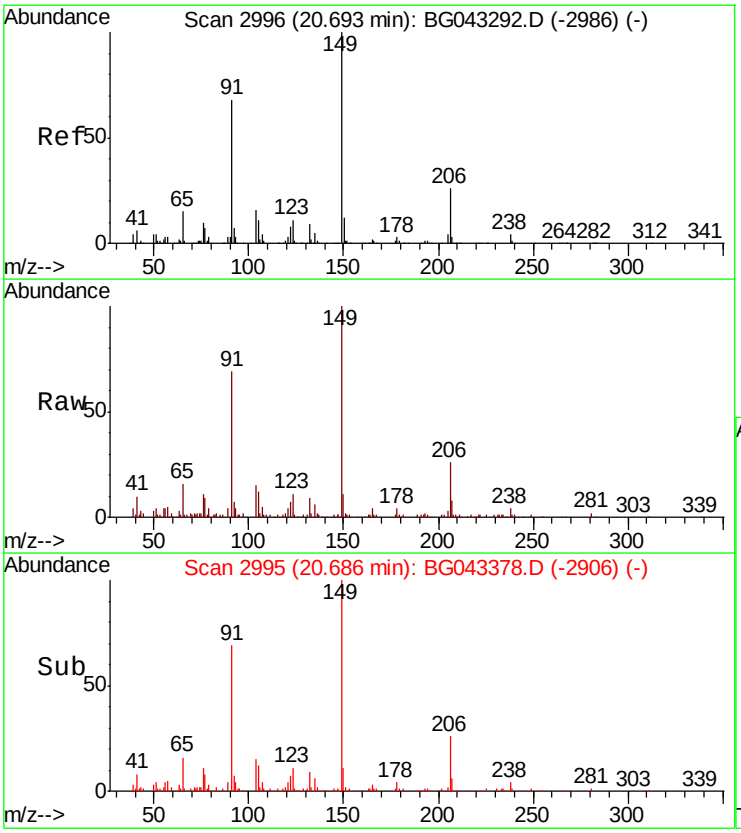
#79
Terphenyl-d14
Concen: 79.408 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1300339

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	6.9	5.3	7.9

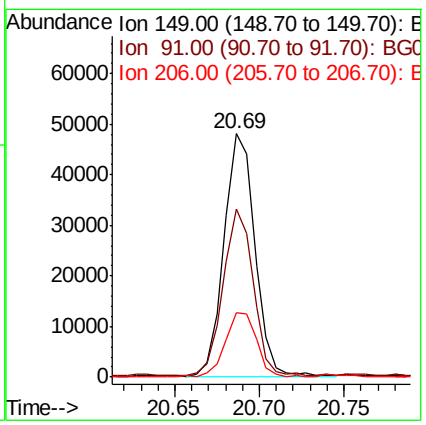


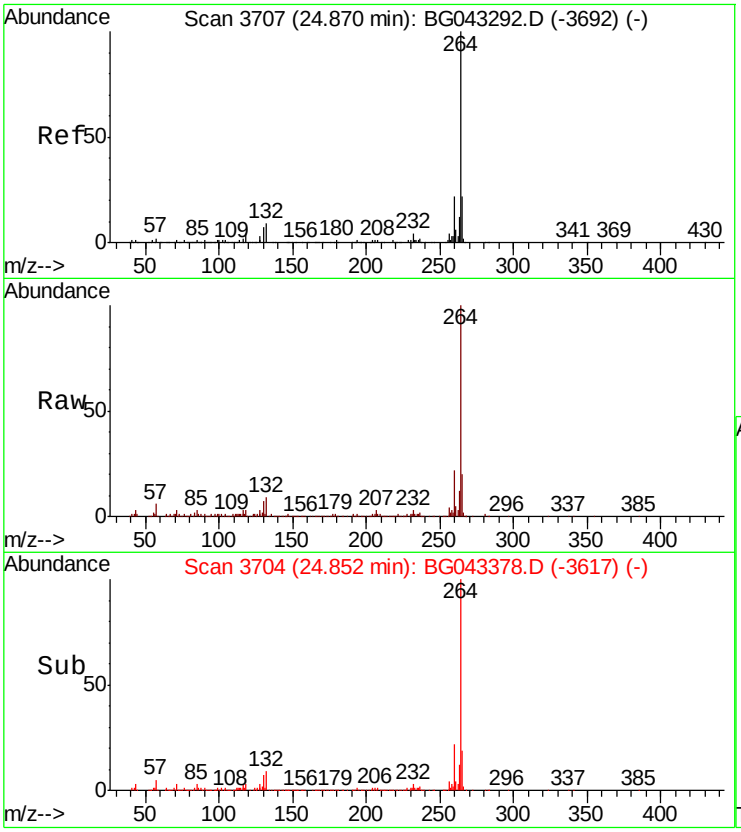


#80
Butylbenzylphthalate
Concen: 8.402 ng
RT: 20.69 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:149 Resp: 60532

Ion	Ratio	Lower	Upper
149	100		
91	69.0	54.6	82.0
206	26.3	20.5	30.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 371923

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.9	26.9
265	19.5	17.4	26.2