Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043676.D
Acq On : 18 Nov 2019 16:56
Operator : JU
Sample : K5804-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 19 01:39:49 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	27319	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	97789	20.00	ng		-0.01
39) Acenaphthene-d10	14.62	164	73431	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	179400	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	198686	20.00	ng		-0.02
87) Perylene-d12	24.81	264	229046	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	95394	63.99	ng		0.00
7) Phenol-d6	7.19	99	93038	43.37	ng		0.00
23) Nitrobenzene-d5	9.16	82	168745	88.96	ng		-0.01
42) 2,4,6-Tribromophenol	16.11	330	131169	93.87	ng		-0.02
45) 2-Fluorobiphenyl	13.25	172	506341	95.28	ng		-0.02
79) Terphenyl-d14	19.98	244	1026428	96.92	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.14	77	14444	13.702	ng	#	1
10) Phenol	7.22	94	9208	4.698	ng	#	1
15) Benzyl Alcohol	8.32	79	3718	2.468	ng	#	38
18) Hexachloroethane	9.10	117	147213	195.586	ng	#	1
19) n-Nitroso-di-n-propylamine	9.16	70	24033	17.339	ng	#	81
22) Acetophenone	8.80	105	10842	4.329	ng	#	70
24) Nitrobenzene	9.18	77	22481	12.442	ng	#	14
27) 2,4-Dimethylphenol	9.99	122	4209	3.366	ng	#	79
31) Naphthalene	10.86	128	1814753	365.604	ng		97
32) Benzoic acid	9.99	122	4209	12.626	ng		89
33) 4-Chloroaniline	10.86	127	268891	132.153	ng	#	35
37) 2-Methylnaphthalene	12.45	142	349605	91.794	ng		99
38) 1-Methylnaphthalene	12.45	142	349605	96.476	ng		99
50) Dimethylphthalate	14.07	163	31942	5.616	ng		97
57) 2,4-Dinitrotoluene	14.62	165	10307	5.837	ng	#	35
67) 4-Bromophenyl-phenylether	16.11	248	8351	3.459	ng	#	1
77) Benzidine	19.98	184	15672	3.919	ng	#	94

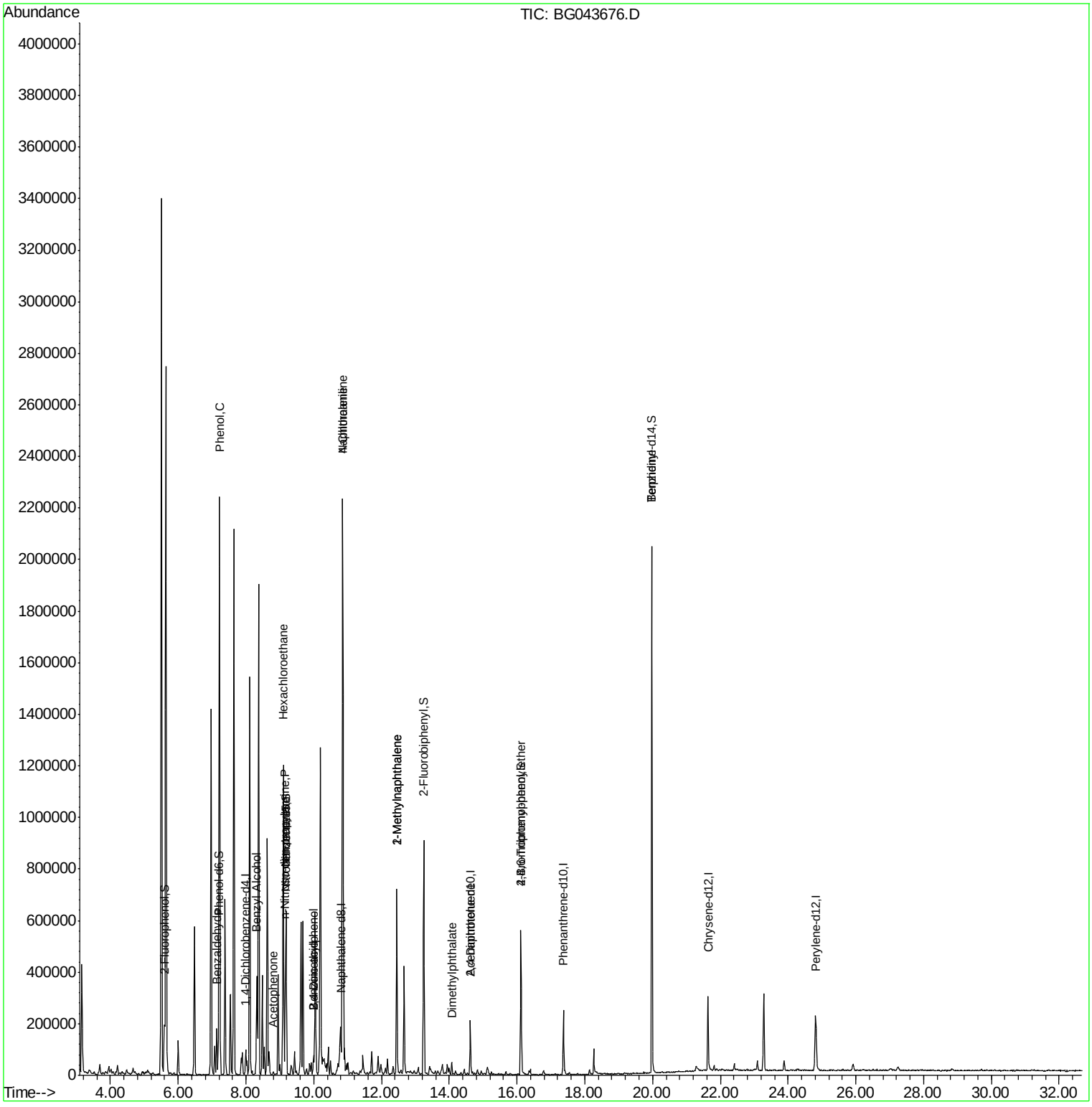
(#) = qualifier out of range (m) = manual integration (+) = signals summed

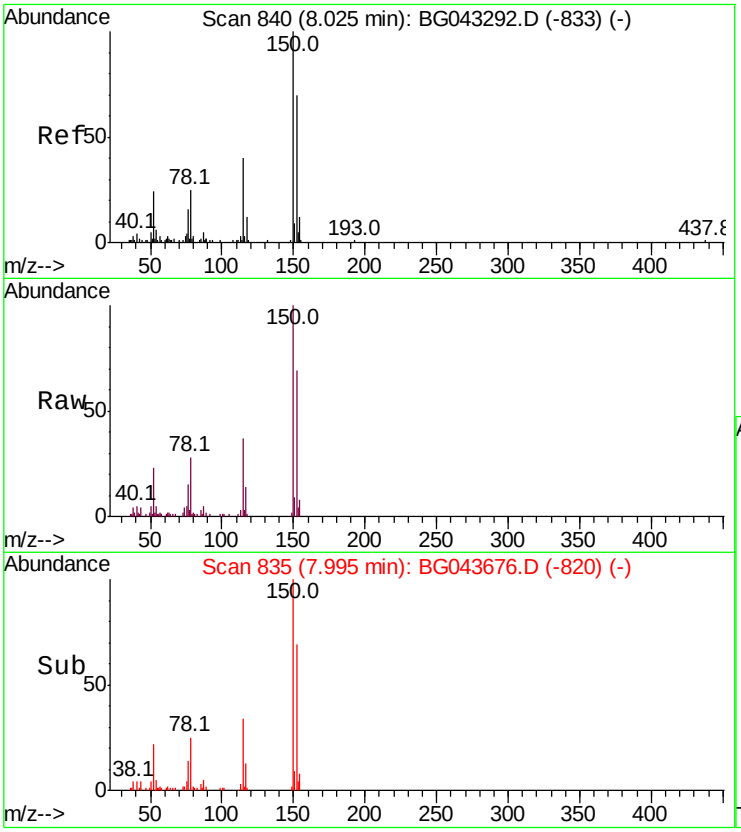
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043676.D
Acq On : 18 Nov 2019 16:56
Operator : JU
Sample : K5804-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 19 01:39:49 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



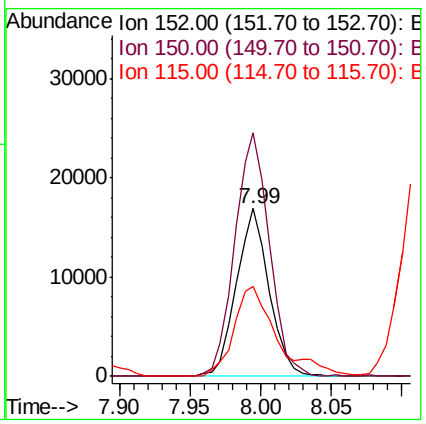


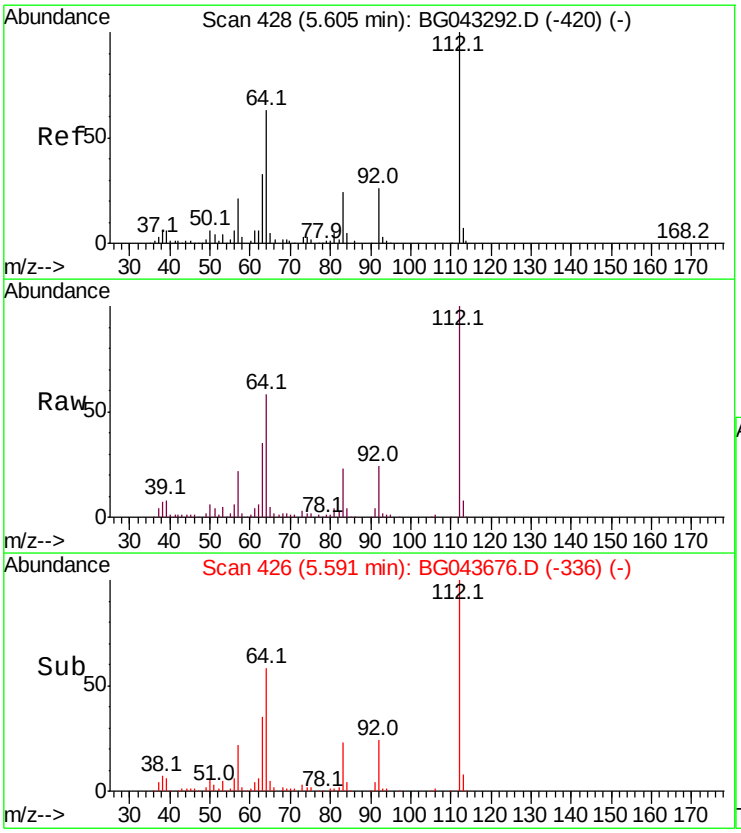
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27319

Ion	Ratio	Lower	Upper
152	100		
150	145.3	129.4	194.0
115	54.0	48.8	73.2

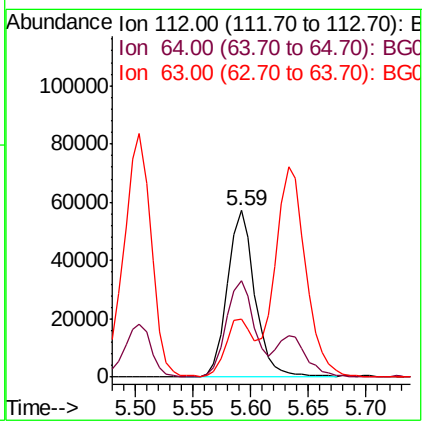


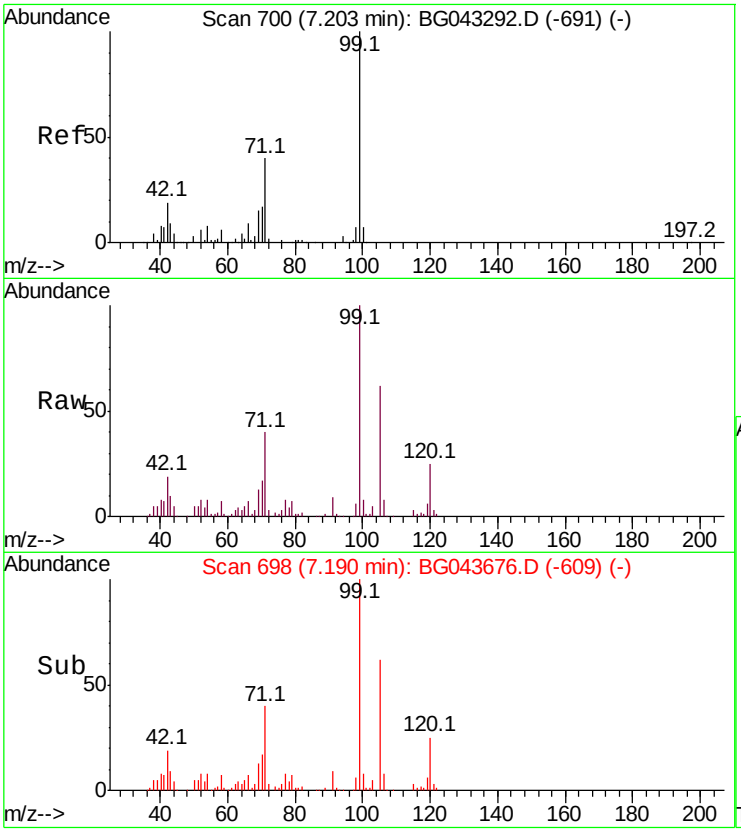


#5
2-Fluorophenol
Concen: 63.986 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:112 Resp: 95394

Ion	Ratio	Lower	Upper
112	100		
64	57.5	50.0	75.0
63	34.6	26.6	40.0



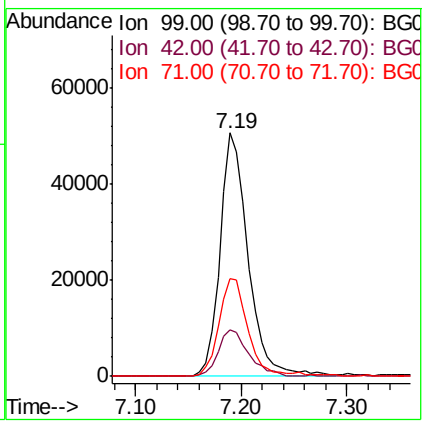


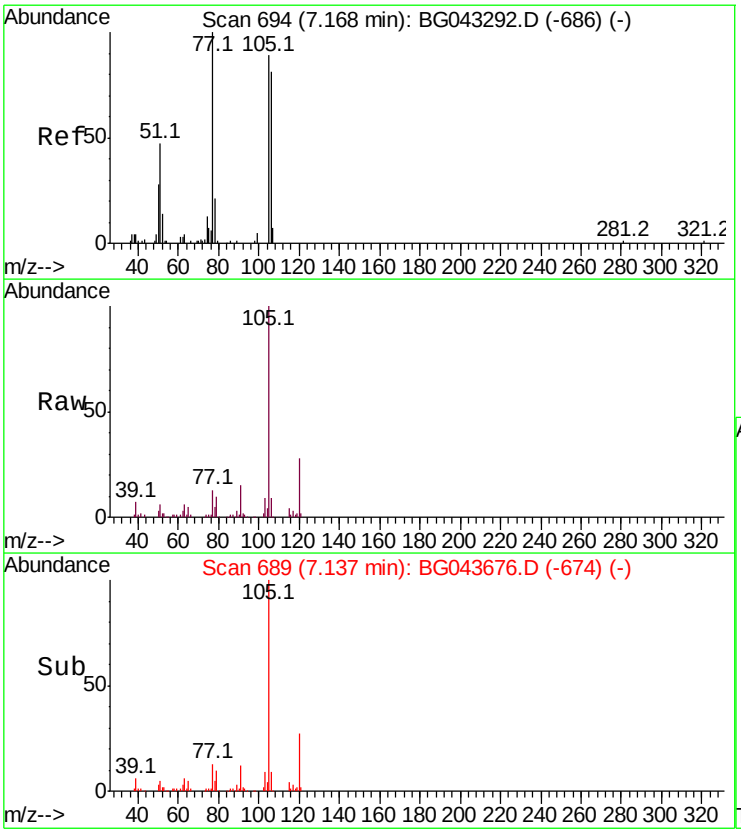
#7
Phenol-d6
Concen: 43.375 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 93038

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	21.8
71	40.3	32.5	48.7

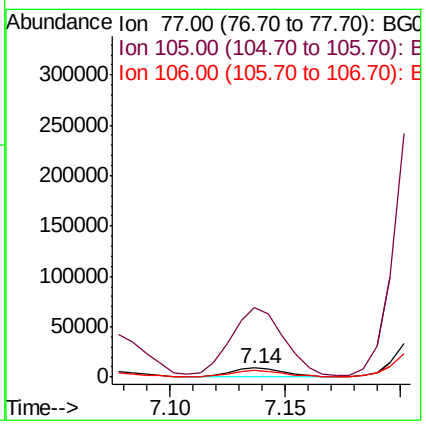


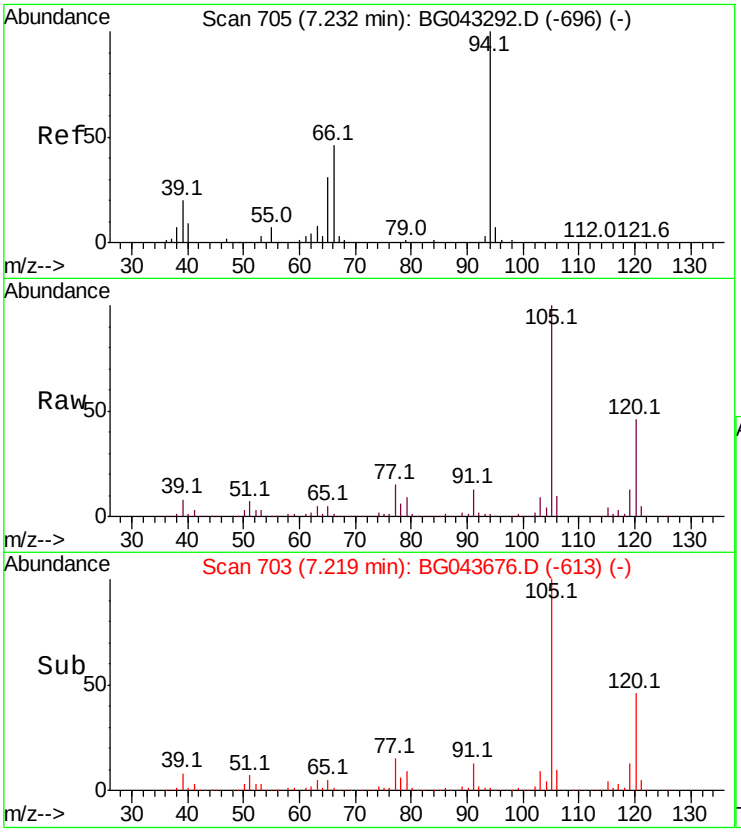


#9
Benzaldehyde
Concen: 13.702 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion: 77 Resp: 14444

Ion	Ratio	Lower	Upper
77	100		
105	762.2	68.6	108.6#
106	71.1	69.9	109.9



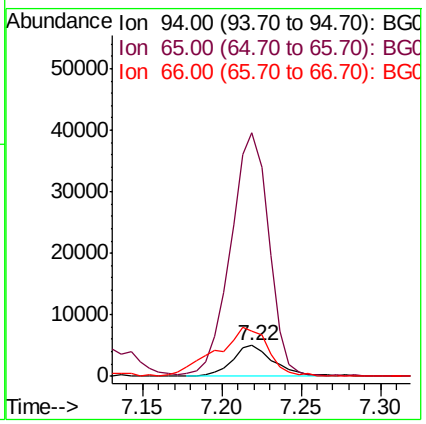


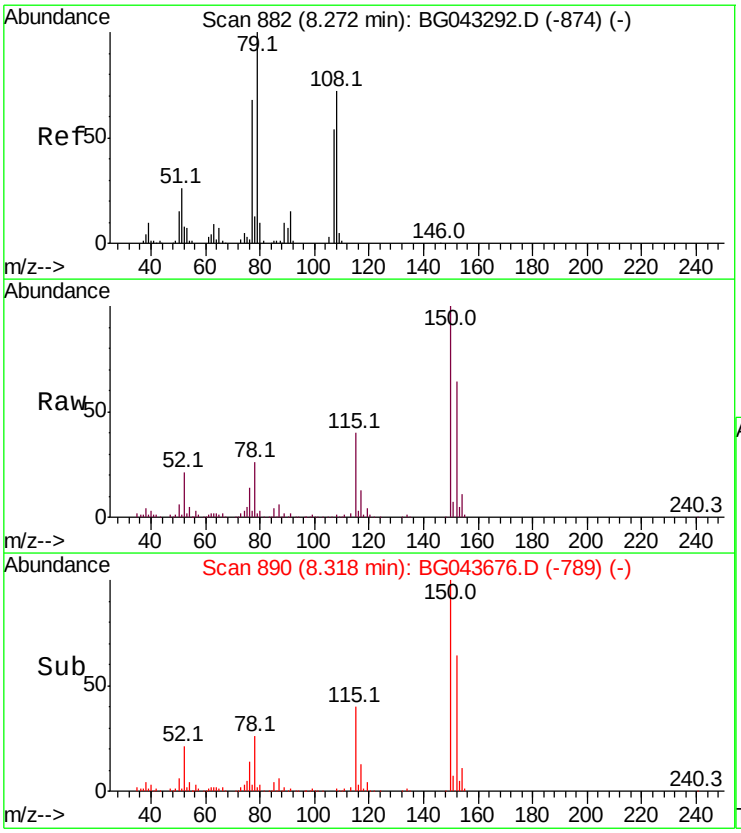
#10
Phenol
Concen: 4.698 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 9208

Ion	Ratio	Lower	Upper
94	100		
65	797.1	12.6	52.6#
66	149.7	30.7	70.7#

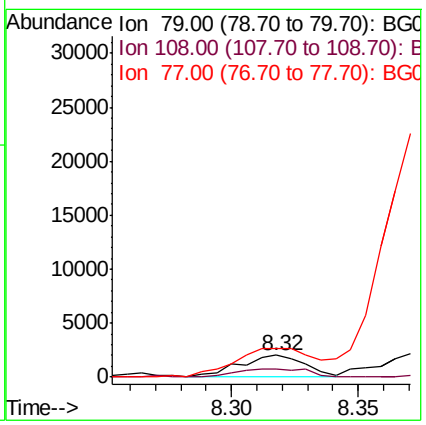


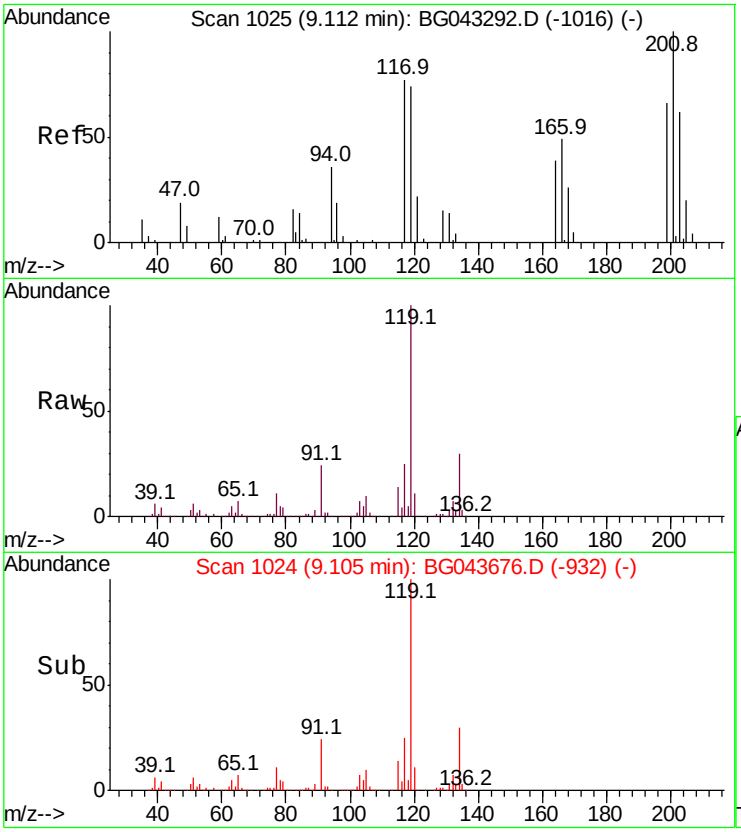


#15
Benzyl Alcohol
Concen: 2.468 ng
RT: 8.32 min Scan# 890
Delta R.T. 0.06 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion: 79 Resp: 3718

Ion	Ratio	Lower	Upper
79	100		
108	34.7	53.6	80.4#
77	127.9	49.6	74.4#



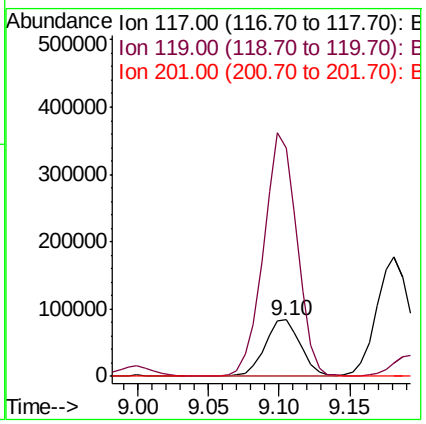


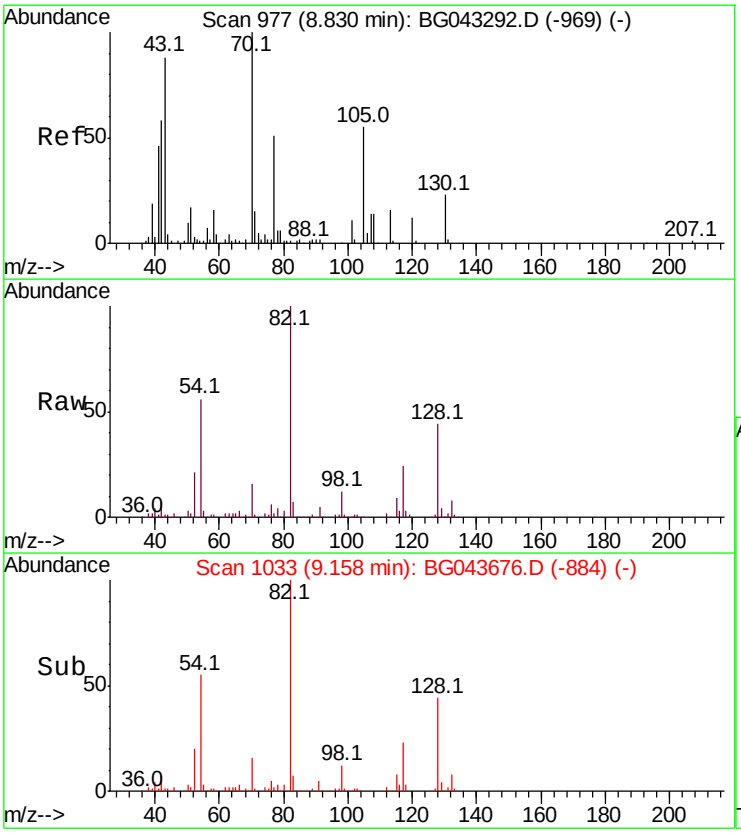
#18
Hexachloroethane
Concen: 195.586 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 147213

Ion	Ratio	Lower	Upper
117	100		
119	402.7	79.0	118.4#
201	0.0	105.4	158.2#

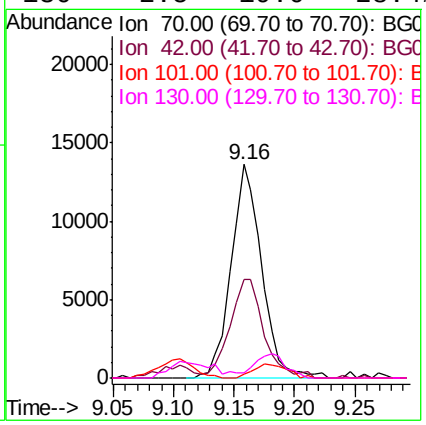


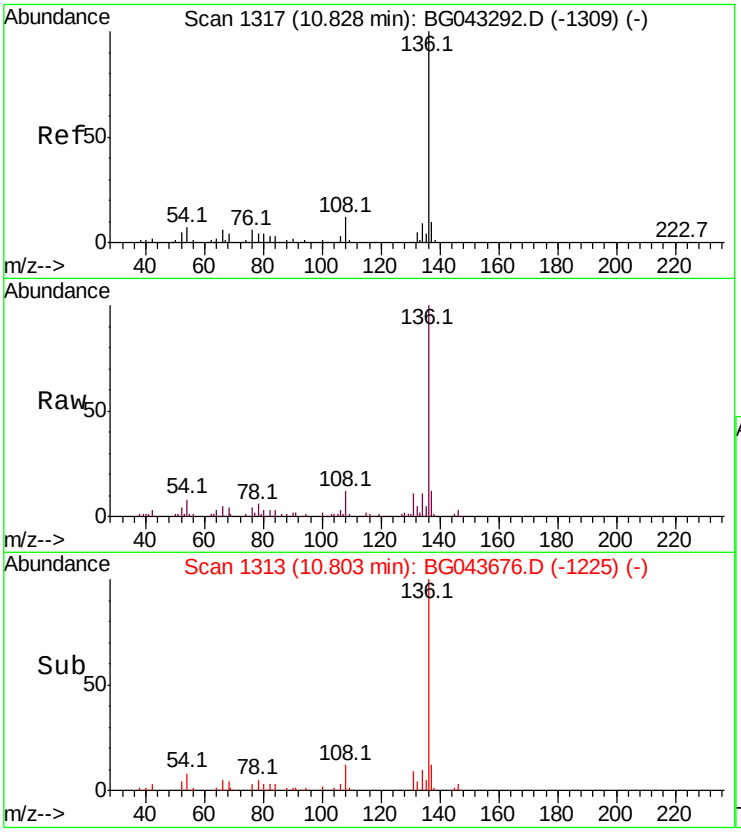


#19
n-Nitroso-di-n-propylamine
Concen: 17.339 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.35 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion: 70 Resp: 24033

Ion	Ratio	Lower	Upper
70	100		
42	46.3	41.4	62.2
101	2.0	7.9	11.9#
130	2.5	19.0	28.4#



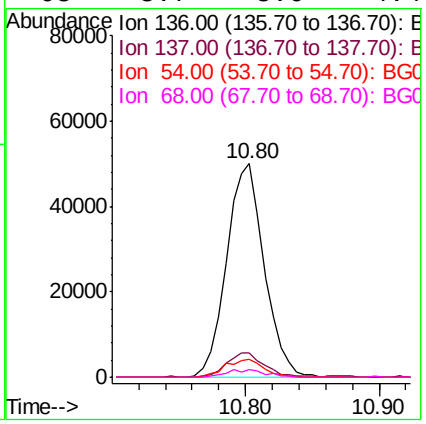


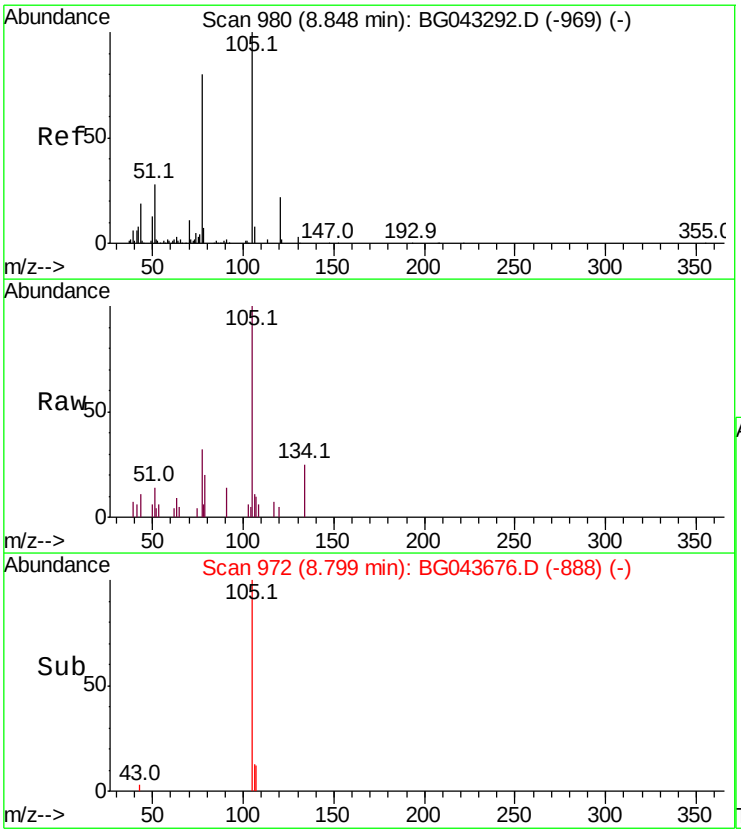
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 97789

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	8.2	5.4	8.2#
68	3.7	3.0	4.4

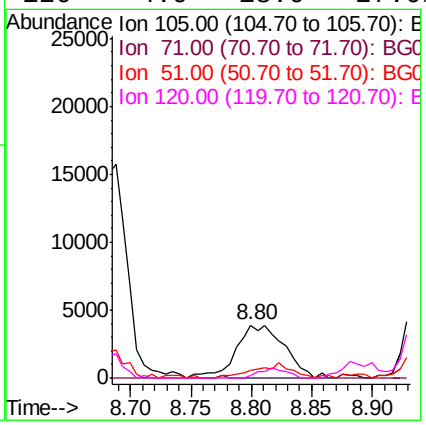


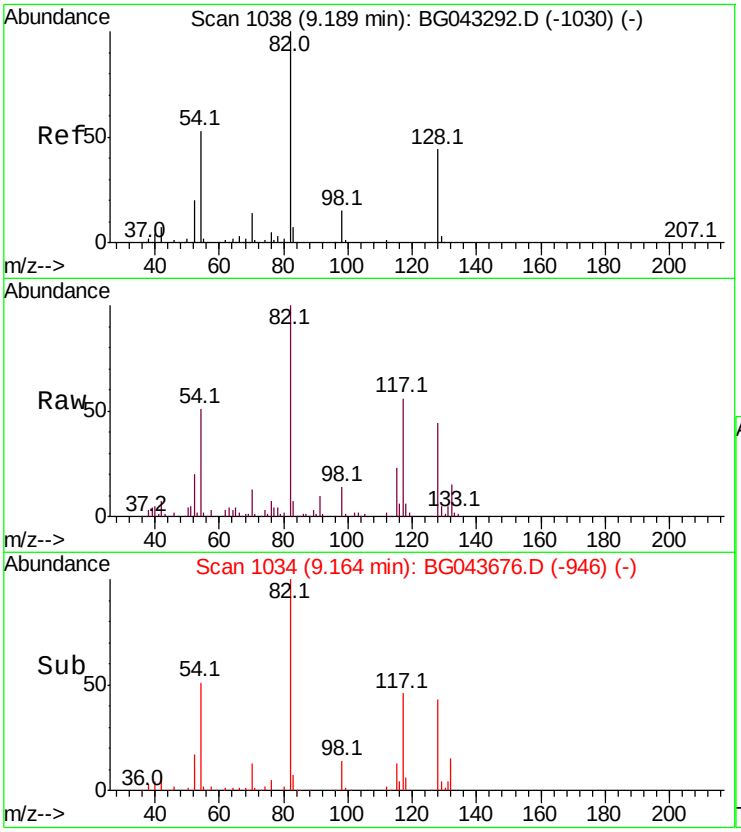


#22
Acetophenone
Concen: 4.329 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.04 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:105 Resp: 10842

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	13.6	21.0	31.4#
120	4.9	18.0	27.0#



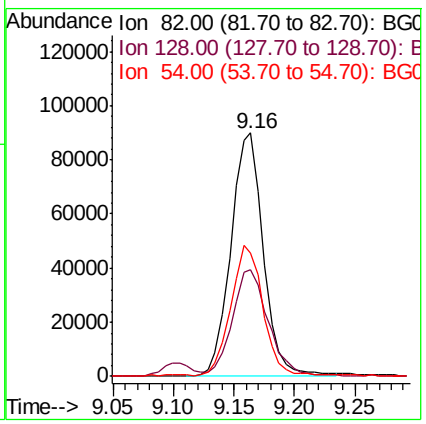


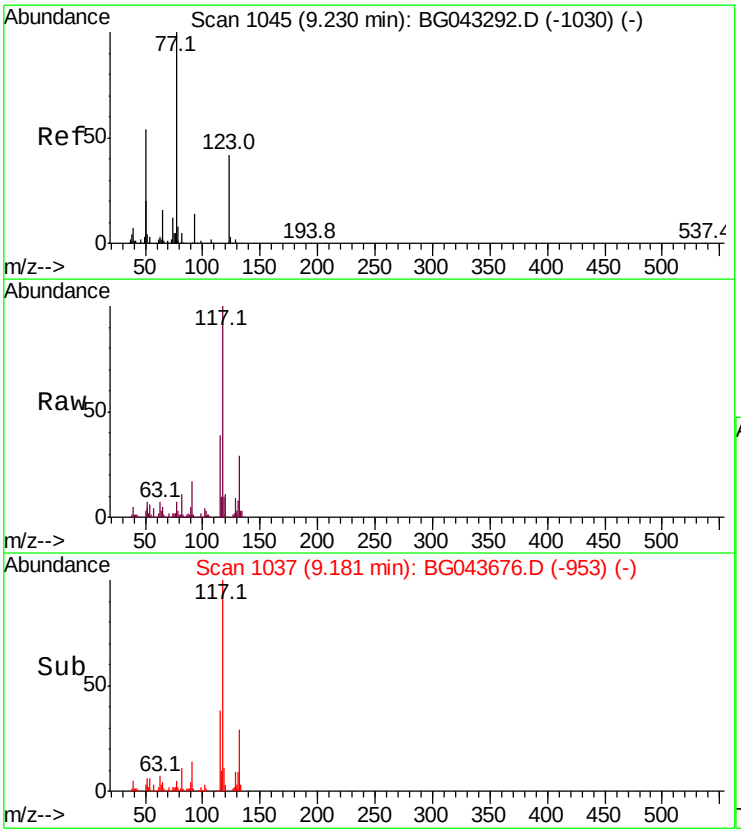
#23
Nitrobenzene-d5
Concen: 88.963 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 168745

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.6
54	50.7	40.2	60.2

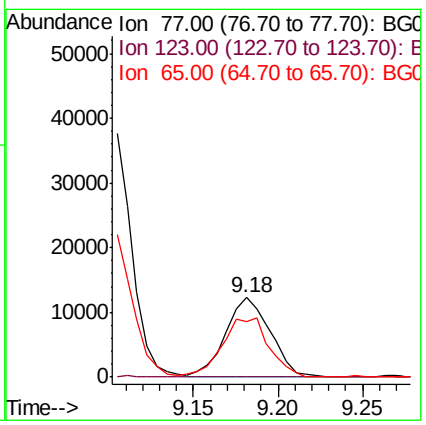


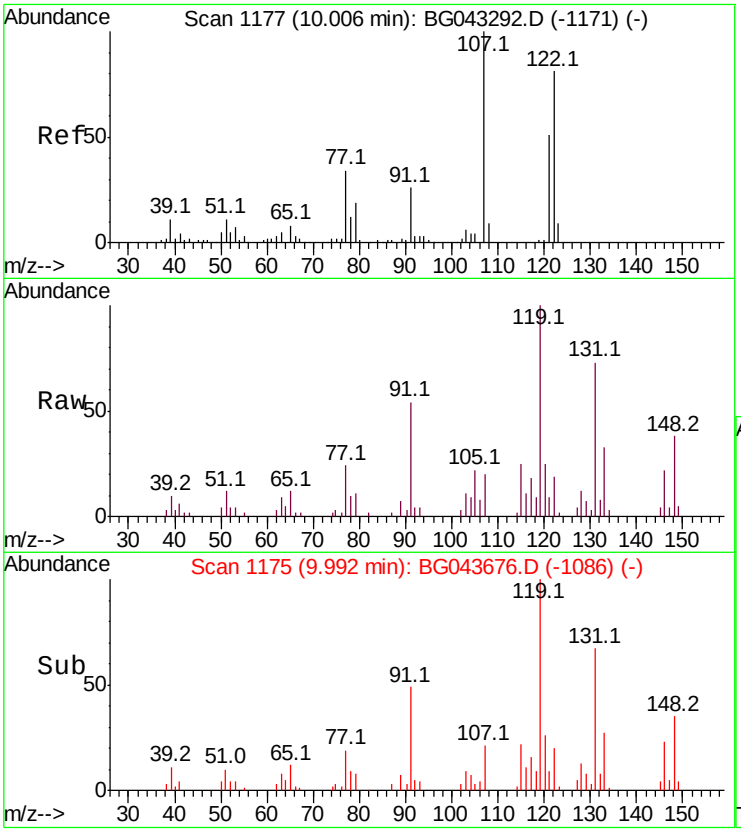


#24
Nitrobenzene
Concen: 12.442 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.04 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion: 77 Resp: 22481

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.6#
65	70.5	9.5	14.3#



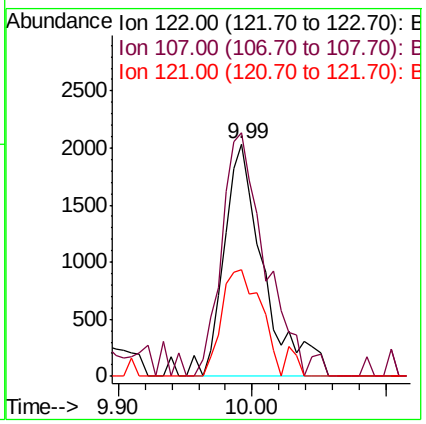


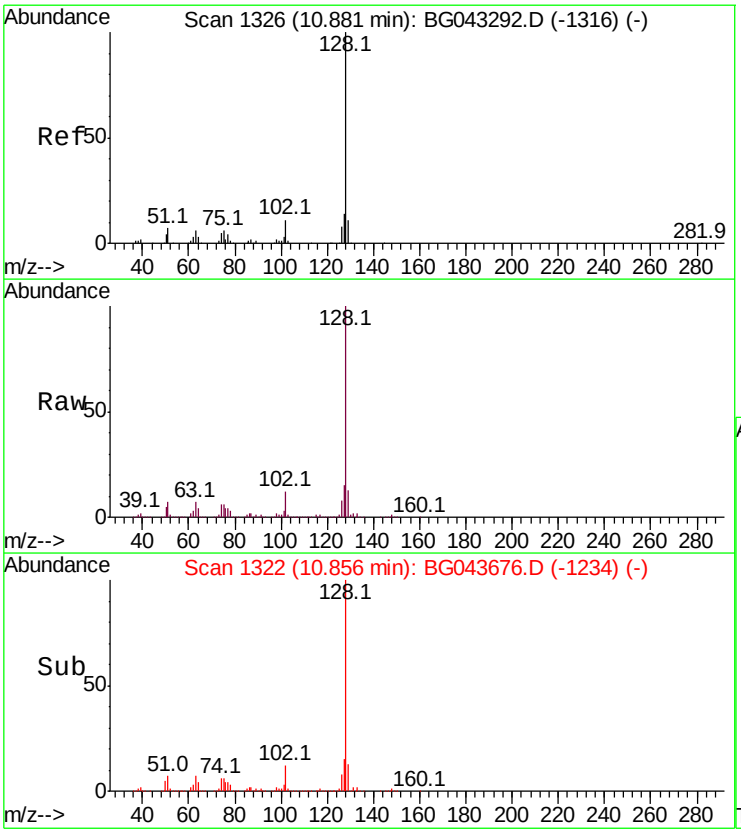
#27
2,4-Dimethylphenol
Concen: 3.366 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 4209

Ion	Ratio	Lower	Upper
122	100		
107	104.8	104.4	156.6
121	46.0	47.2	70.8#

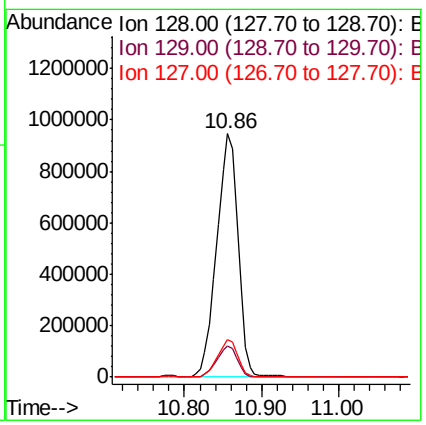


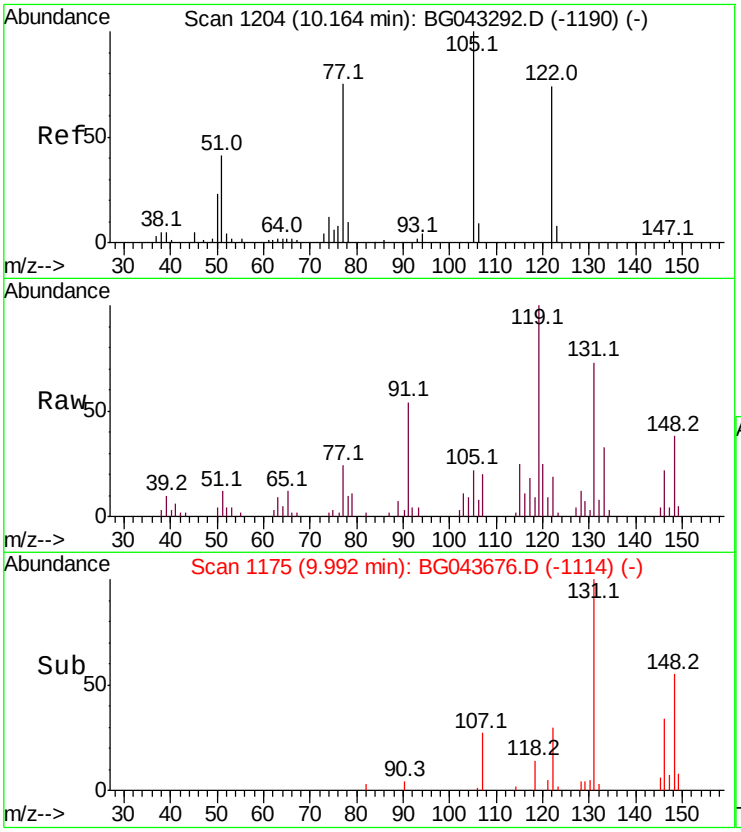


#31
Naphthalene
Concen: 365.604 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:128 Resp: 1814753

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	15.4	11.1	16.7



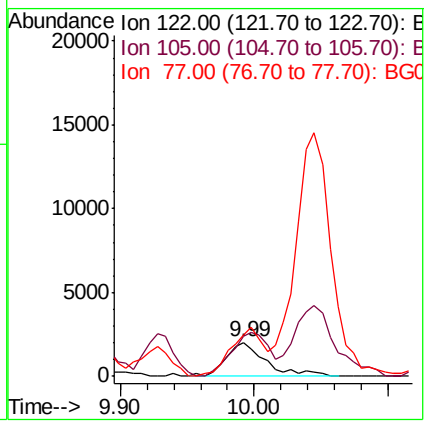


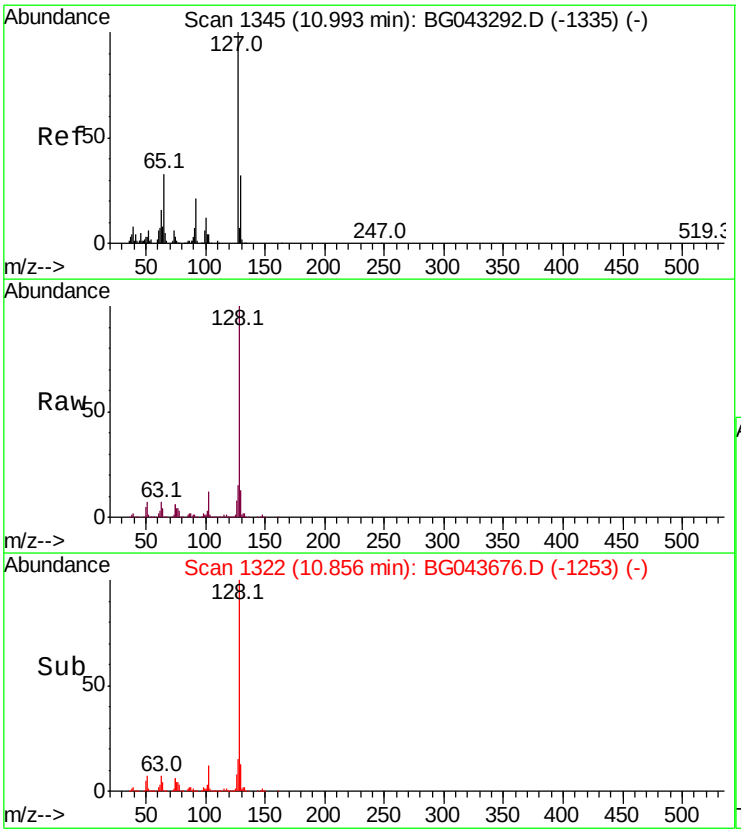
#32
Benzoic acid
Concen: 12.626 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.17 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 4209

Ion	Ratio	Lower	Upper
122	100		
105	115.7	103.3	143.3
77	122.3	84.9	124.9

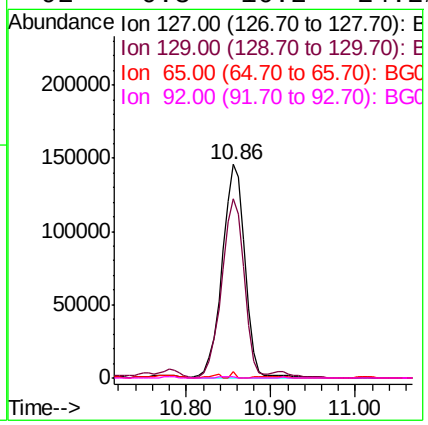


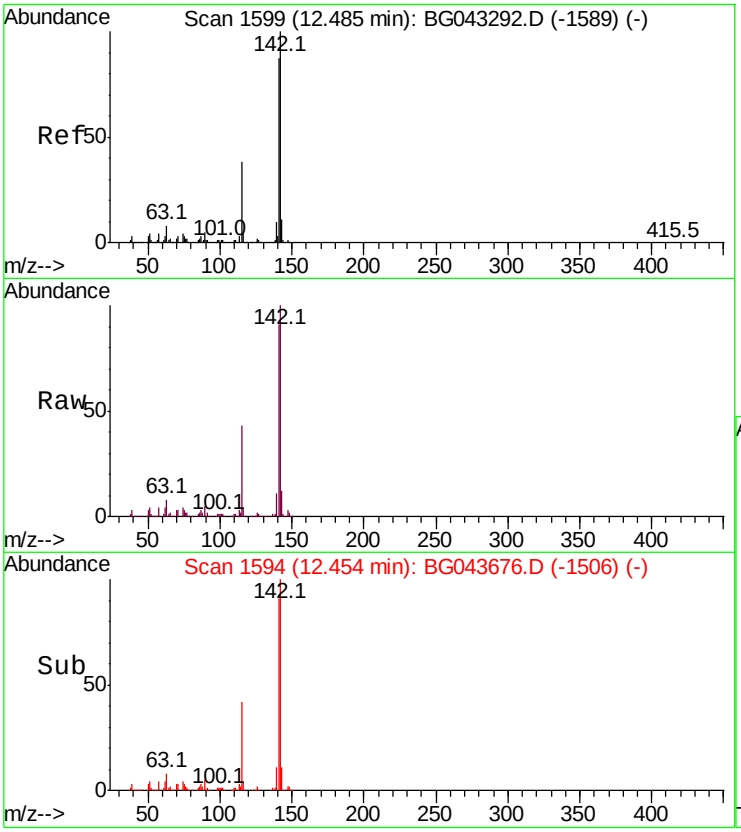


#33
4-Chloroaniline
Concen: 132.153 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.12 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:127 Resp: 268891

Ion	Ratio	Lower	Upper
127	100		
129	83.9	26.5	39.7#
65	3.0	26.4	39.6#
92	0.3	16.2	24.2#



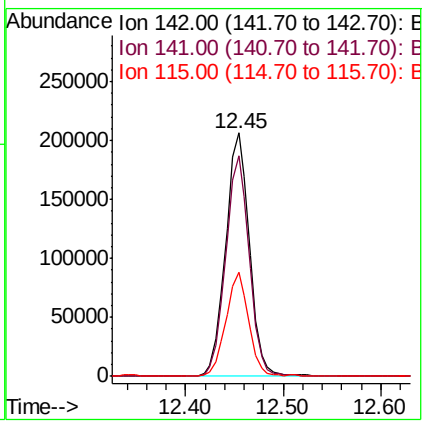


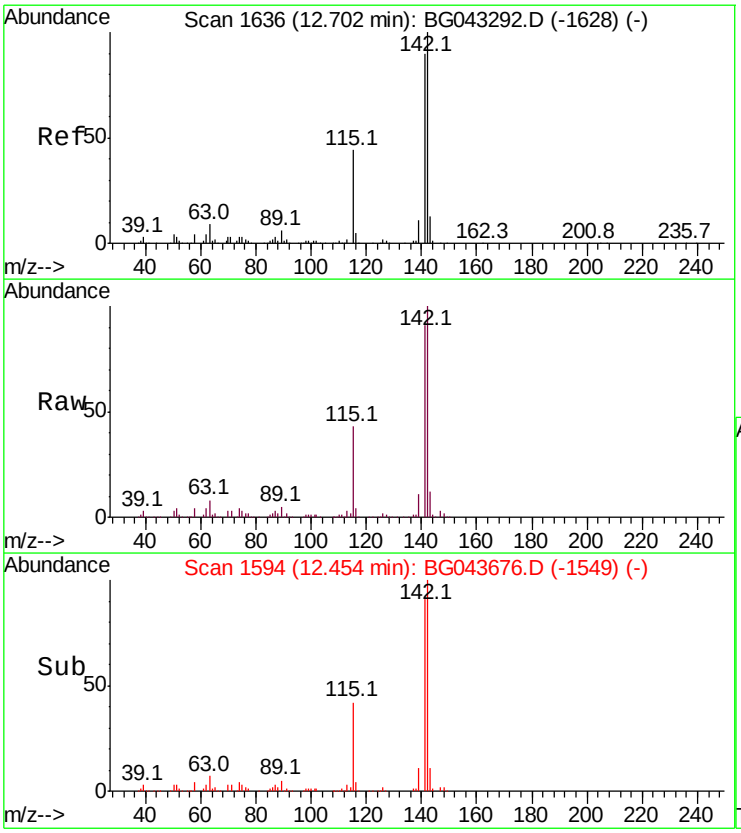
#37
2-Methylnaphthalene
Concen: 91.794 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 349605

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.2
115	42.7	33.2	49.8

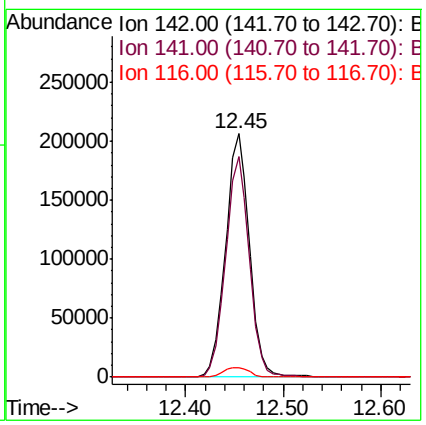


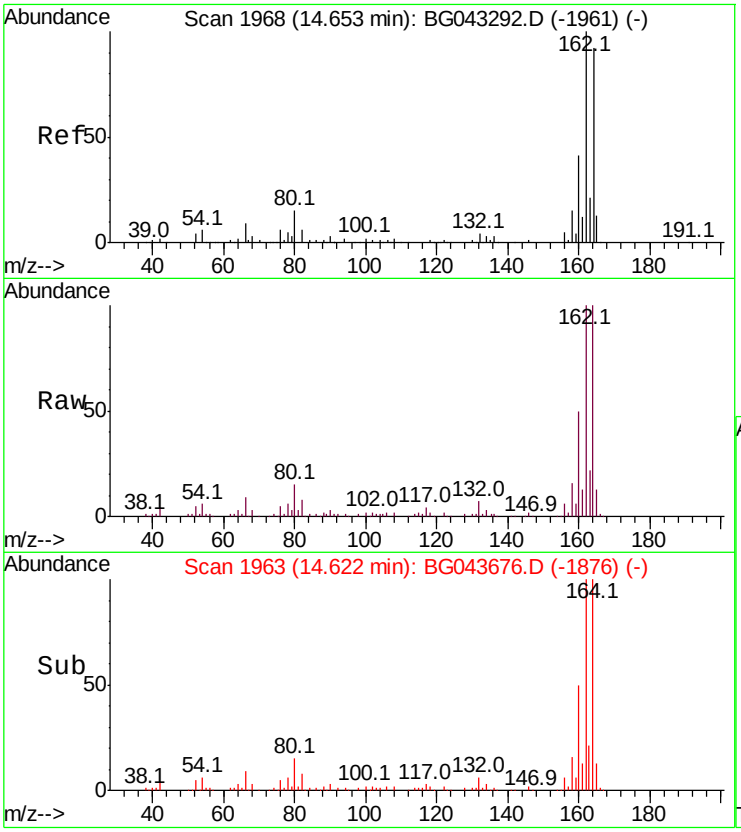


#38
1-Methylnaphthalene
Concen: 96.476 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.24 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:142 Resp: 349605

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.2	109.8
116	4.0	3.6	5.4



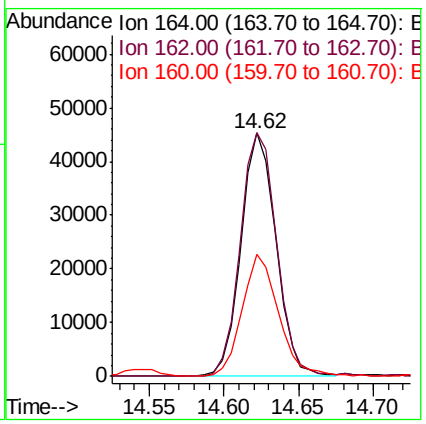


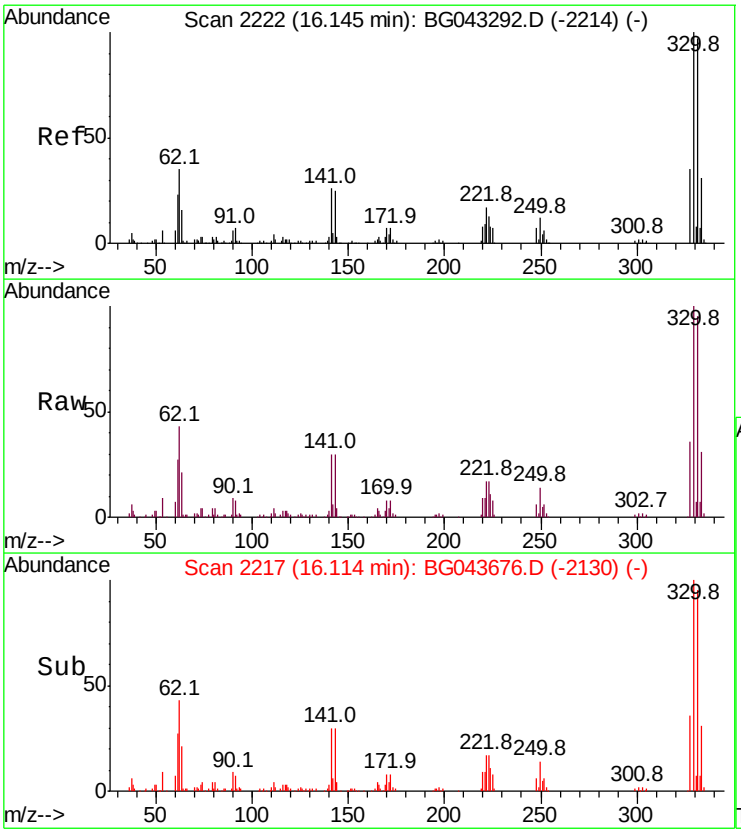
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 73431

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.5	125.3
160	50.0	36.5	54.7

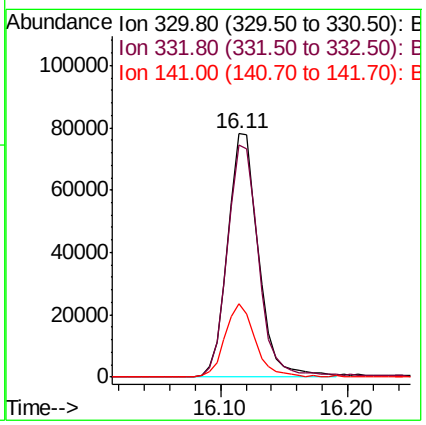


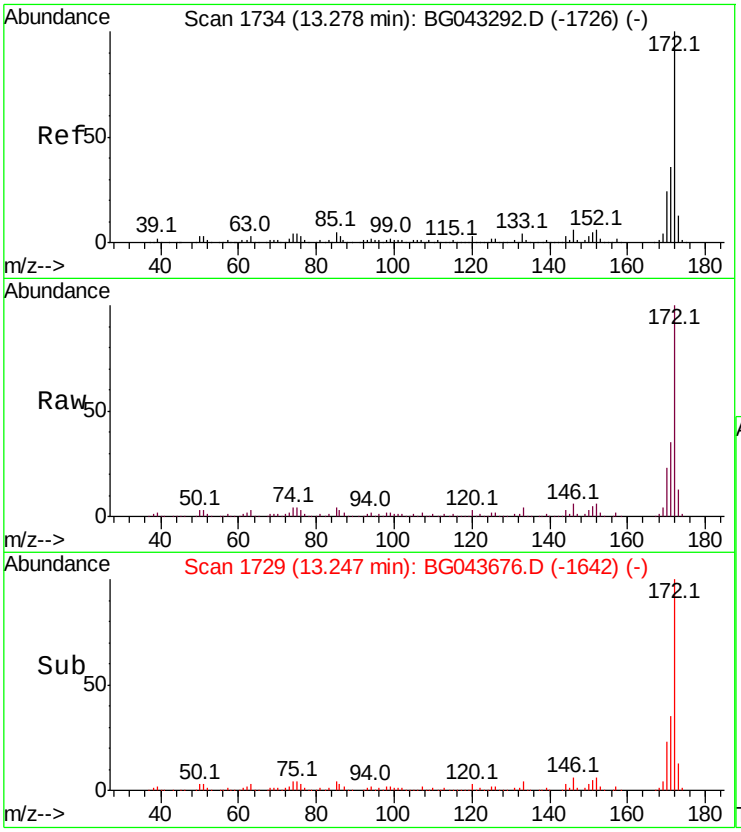


#42
2,4,6-Tribromophenol
Concen: 93.867 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:330 Resp: 131169

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	29.3	22.8	34.2



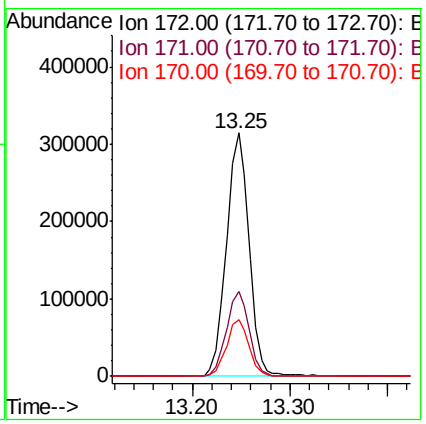


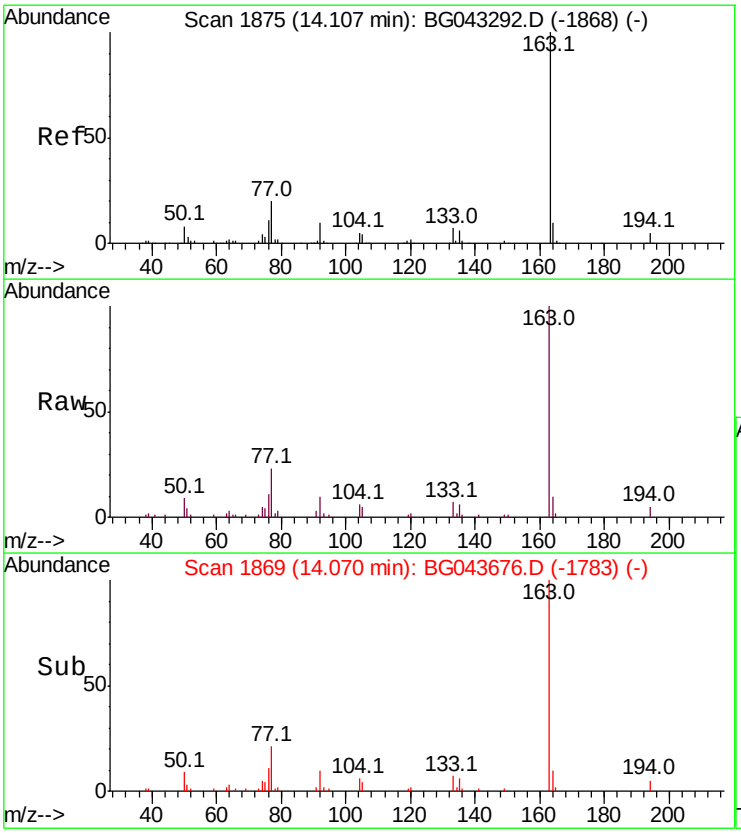
#45
2-Fluorobiphenyl
Concen: 95.282 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 506341

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.2	18.5	27.7

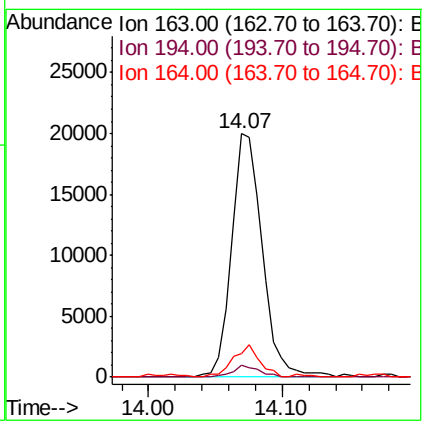


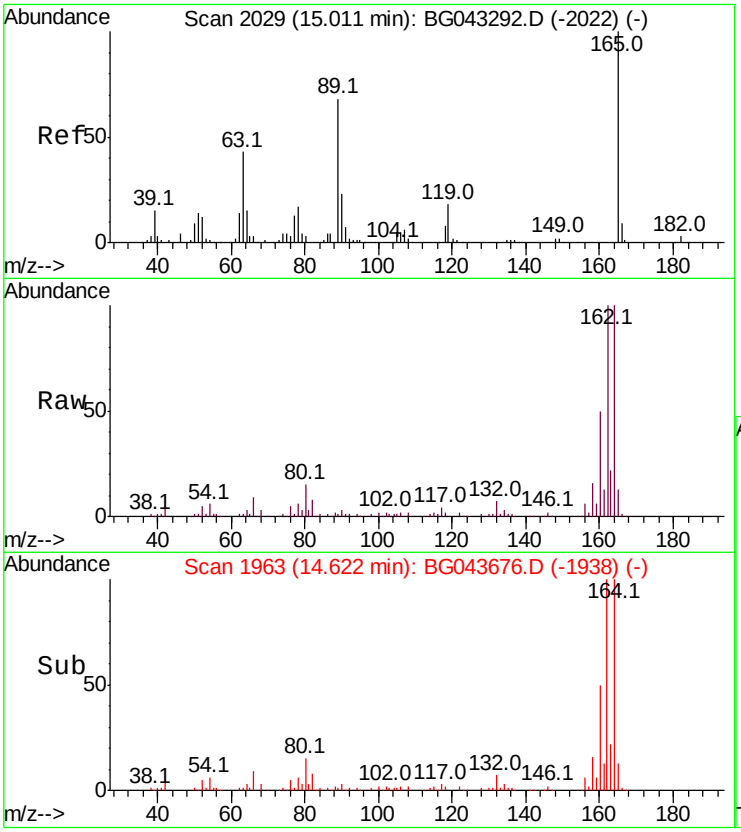


#50
Dimethylphthalate
Concen: 5.616 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:163 Resp: 31942

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	9.7	8.9	13.3



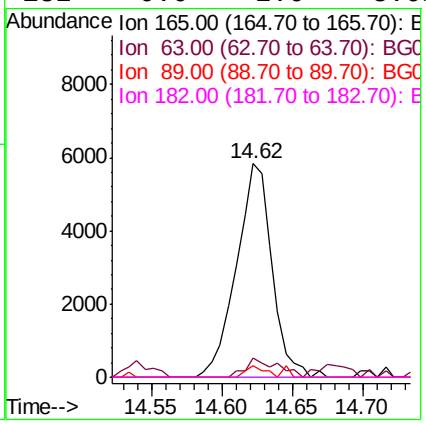


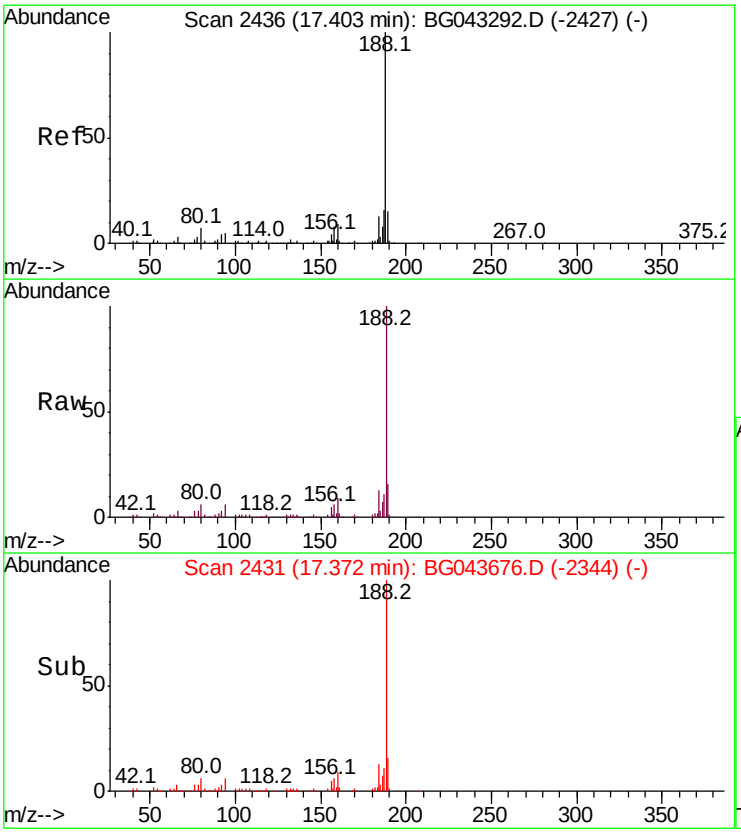
#57
2,4-Dinitrotoluene
Concen: 5.837 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.38 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10307

Ion	Ratio	Lower	Upper
165	100		
63	9.1	33.2	49.8#
89	5.3	52.2	78.4#
182	0.0	2.0	3.0#

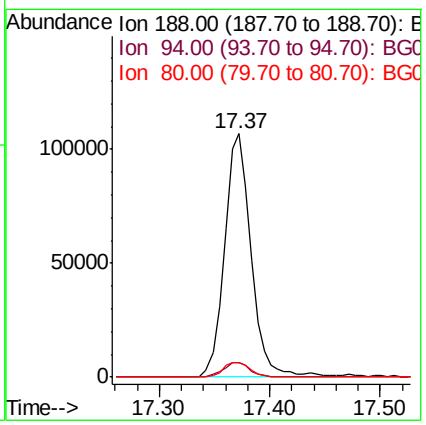


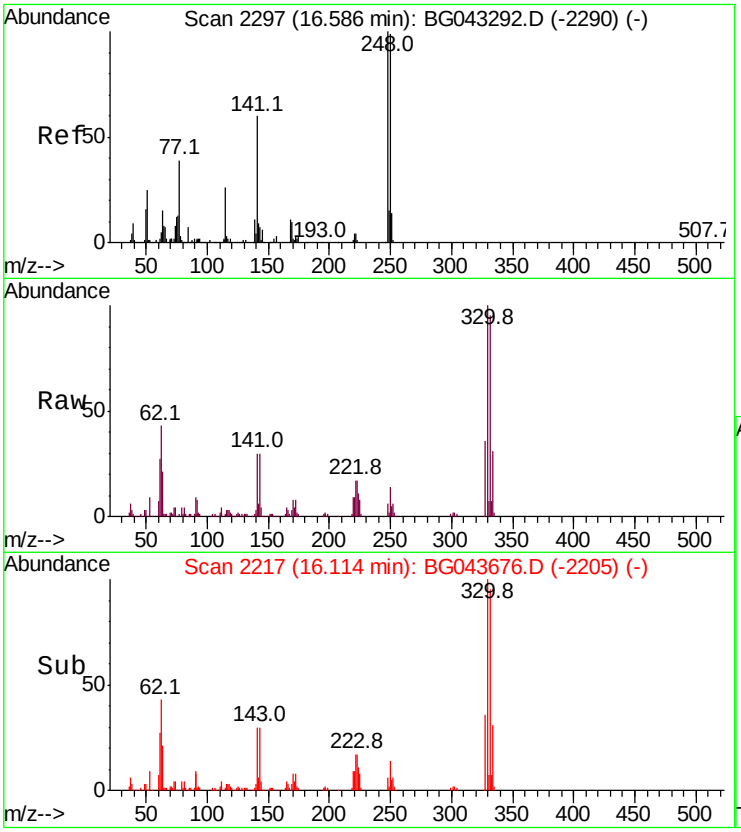


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:188 Resp: 179400

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



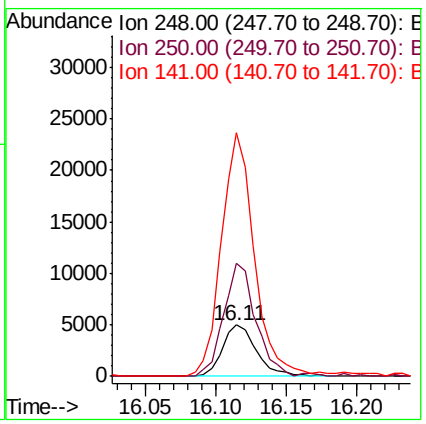


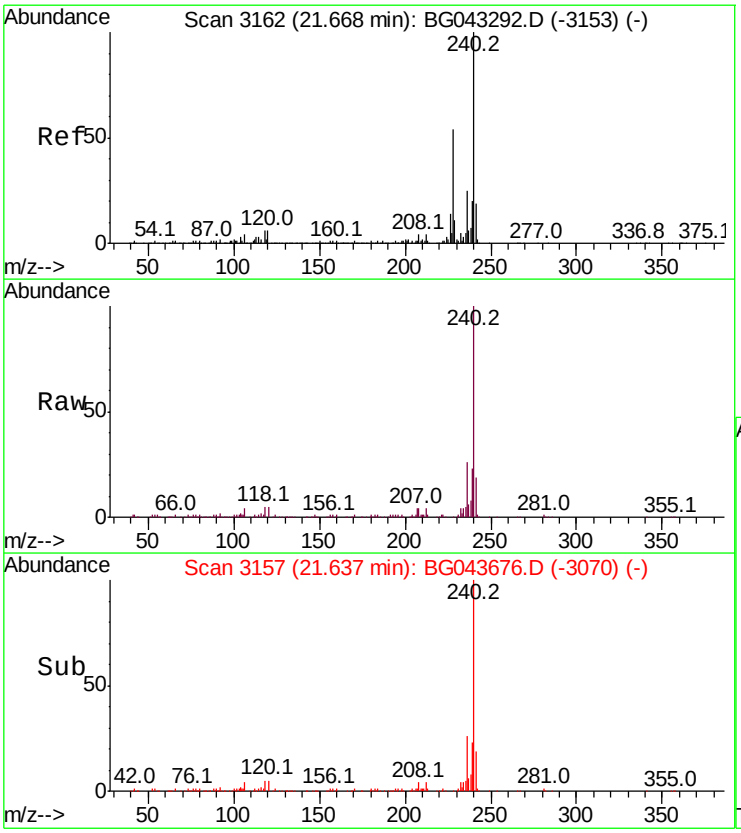
#67
4-Bromophenyl-phenylether
Concen: 3.459 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.46 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8351

Ion	Ratio	Lower	Upper
248	100		
250	218.2	77.0	115.4#
141	472.4	47.5	71.3#

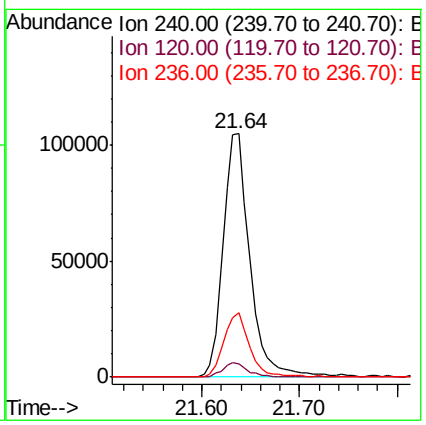


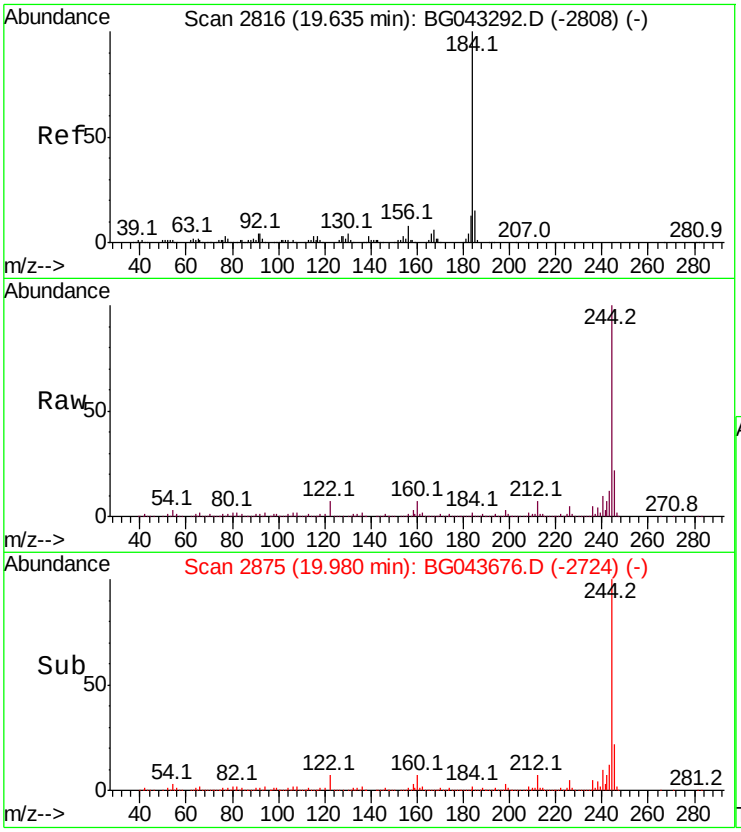


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:240 Resp: 198686

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	6.8
236	26.3	19.8	29.8



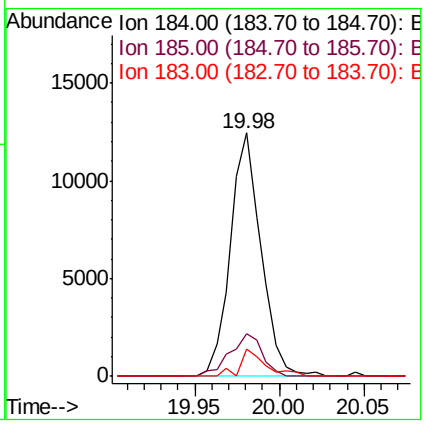


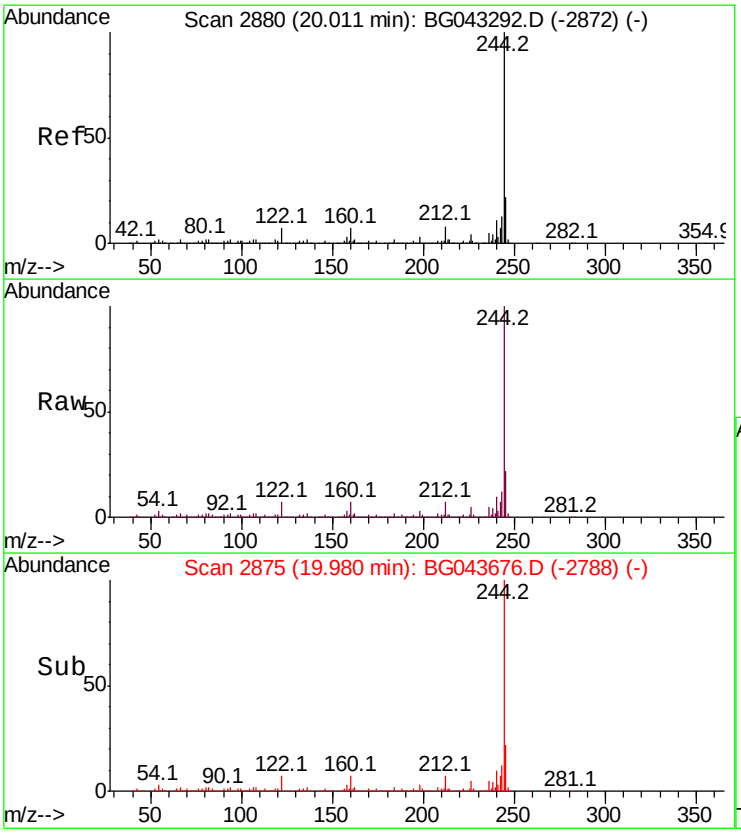
#77
Benzidine
Concen: 3.919 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.36 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 15672

Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.0	16.4#
183	11.1	10.0	15.0

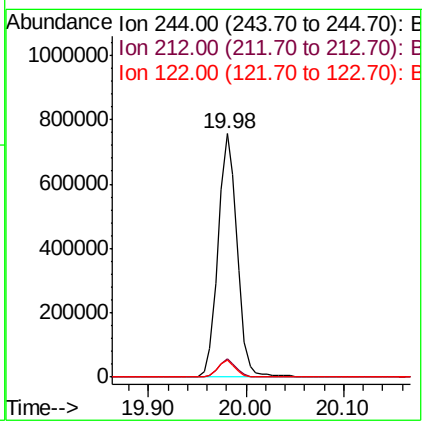


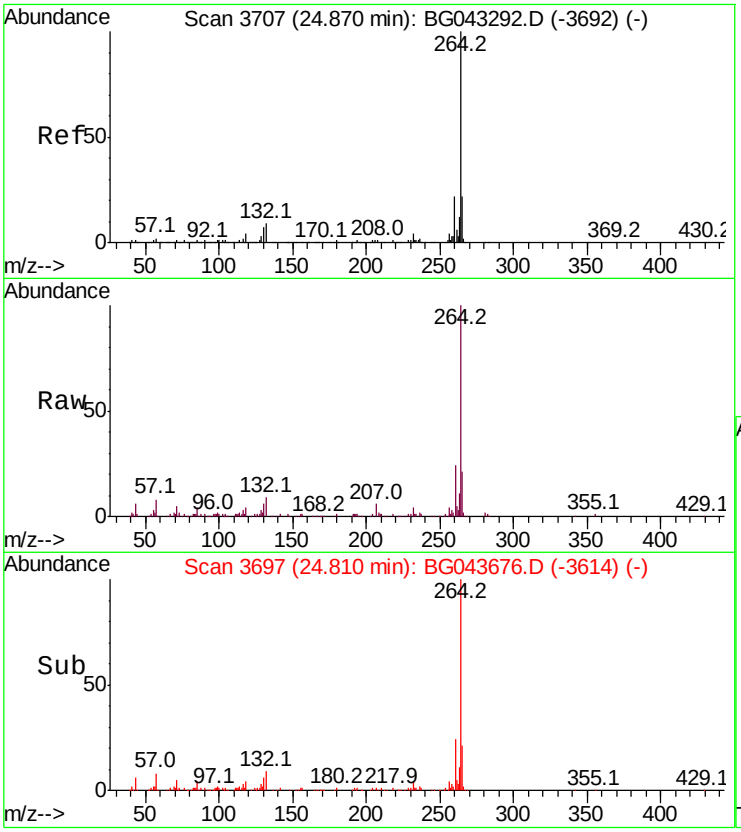


#79
Terphenyl-d14
Concen: 96.919 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043676.D
Acq: 18 Nov 2019 16:56

Tgt Ion:244 Resp: 1026428

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	7.1	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: BG043676.D
Acq: 18 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 229046

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.5	26.3
265	21.4	17.4	26.0