Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043826.D
Acq On : 17 Dec 2019 19:20
Operator : JU
Sample : K6294-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 01:04:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	105895	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	481730	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	366168	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	879561	20.00	ng		0.00
76) Chrysene-d12	21.63	240	757763	20.00	ng		0.00
87) Perylene-d12	24.79	264	822564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	819995	146.72	ng		0.00
7) Phenol-d6	7.17	99	1226467	152.16	ng		0.00
23) Nitrobenzene-d5	9.16	82	713831	83.20	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	525537	150.55	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1716848	82.36	ng		0.00
79) Terphenyl-d14	19.99	244	2639651	83.80	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.17	77	2361	Below Cal		#	1
10) Phenol	7.19	94	30686	3.688	ng		84
19) n-Nitroso-di-n-propylamine	9.15	70	92259	14.972	ng	#	80
26) 2-Nitrophenol	9.96	139	61	8.363	ng	#	34
32) Benzoic acid	10.13	122	54	5.660	ng	#	1
50) Dimethylphthalate	14.08	163	148279	5.674	ng		99
54) 2,4-Dinitrophenol	15.16	184	54	3.974	ng	#	19
57) 2,4-Dinitrotoluene	14.63	165	48762	6.407	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.11	198	2206	10.022	ng	#	1
67) 4-Bromophenyl-phenylether	16.11	248	42049	4.472	ng	#	1
77) Benzidine	19.99	184	55418	3.352	ng	#	90

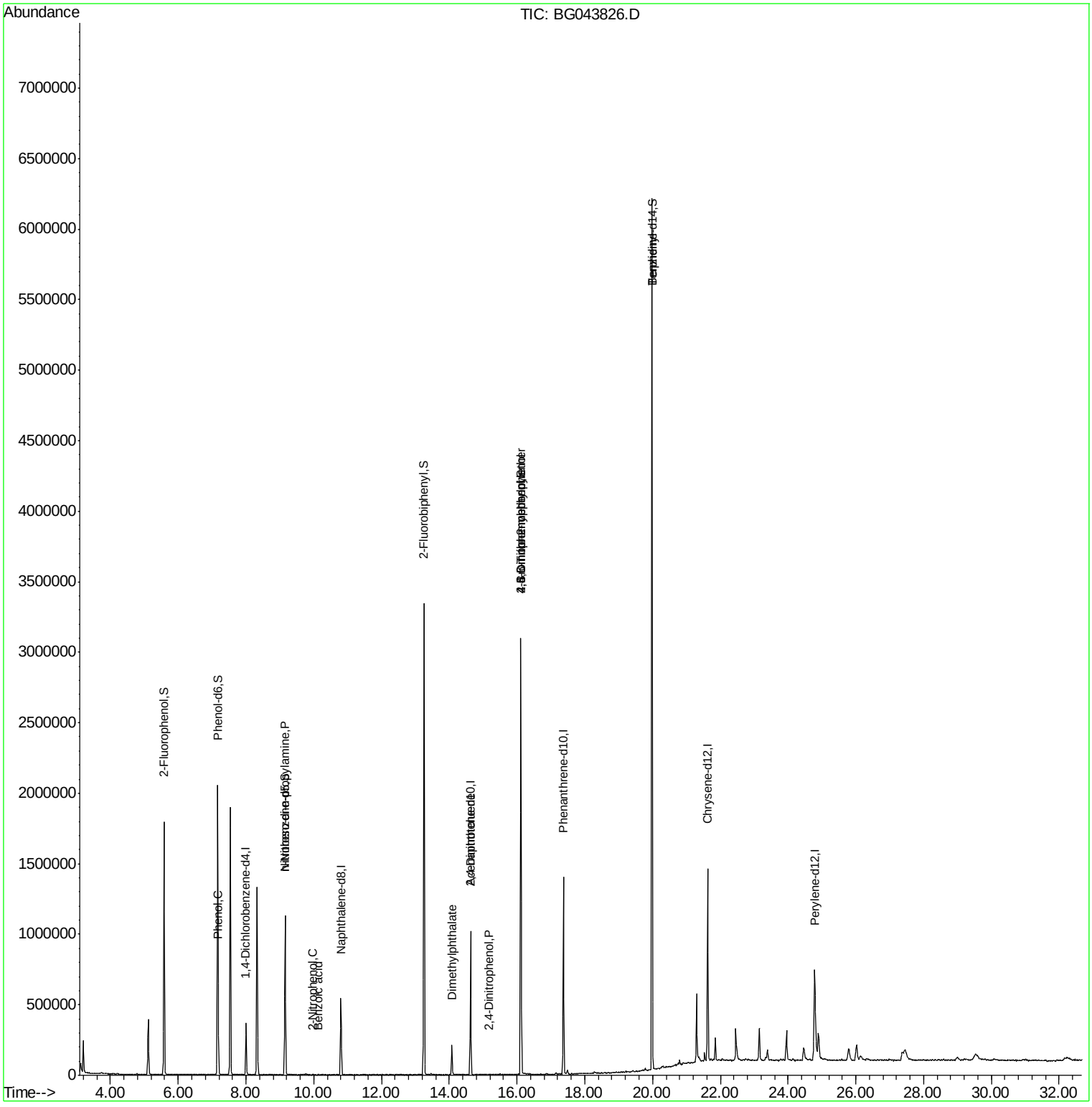
(#) = qualifier out of range (m) = manual integration (+) = signals summed

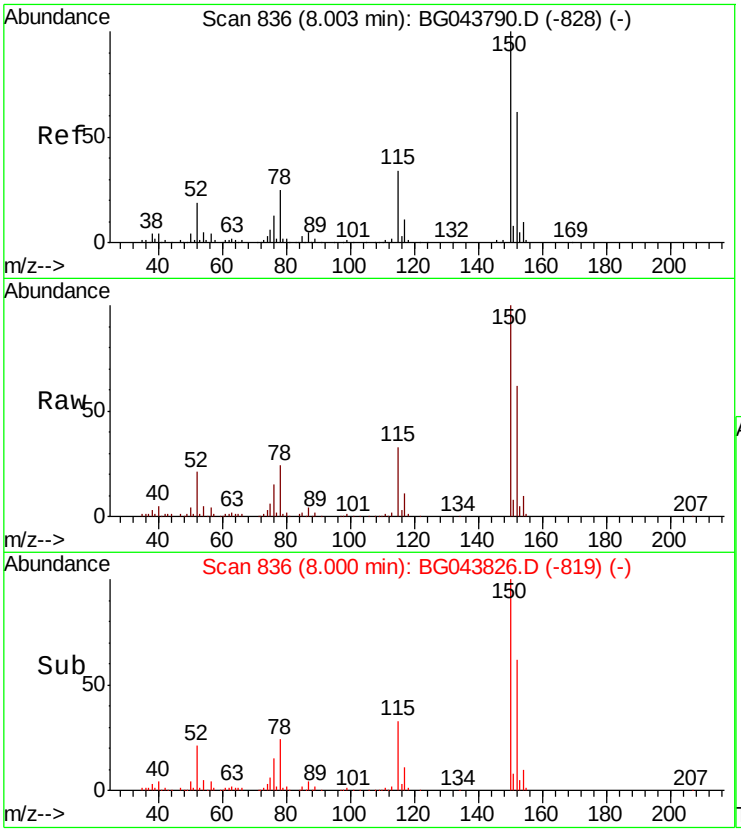
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043826.D
Acq On : 17 Dec 2019 19:20
Operator : JU
Sample : K6294-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 18 01:04:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration



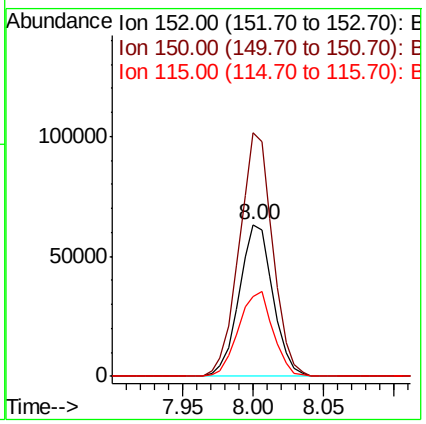


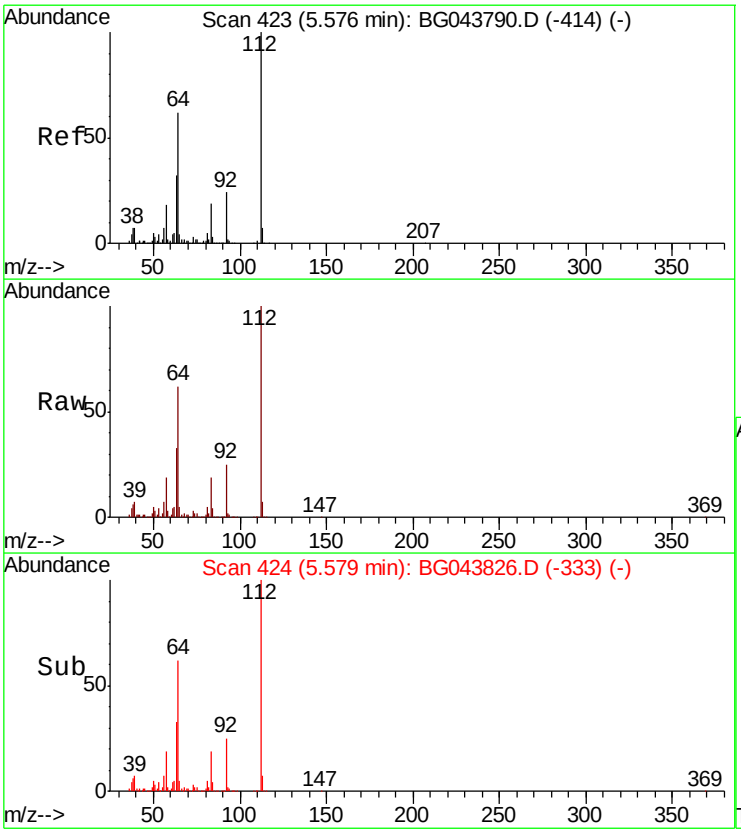
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 105895

Ion	Ratio	Lower	Upper
152	100		
150	160.4	128.6	192.8
115	52.5	44.3	66.5

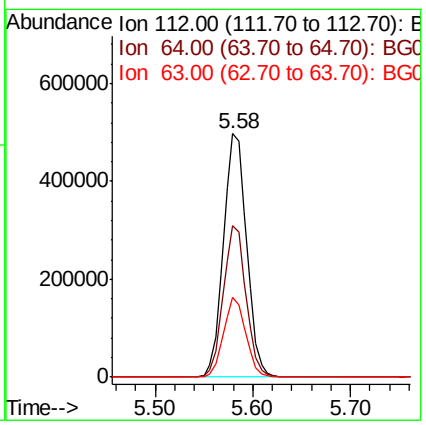


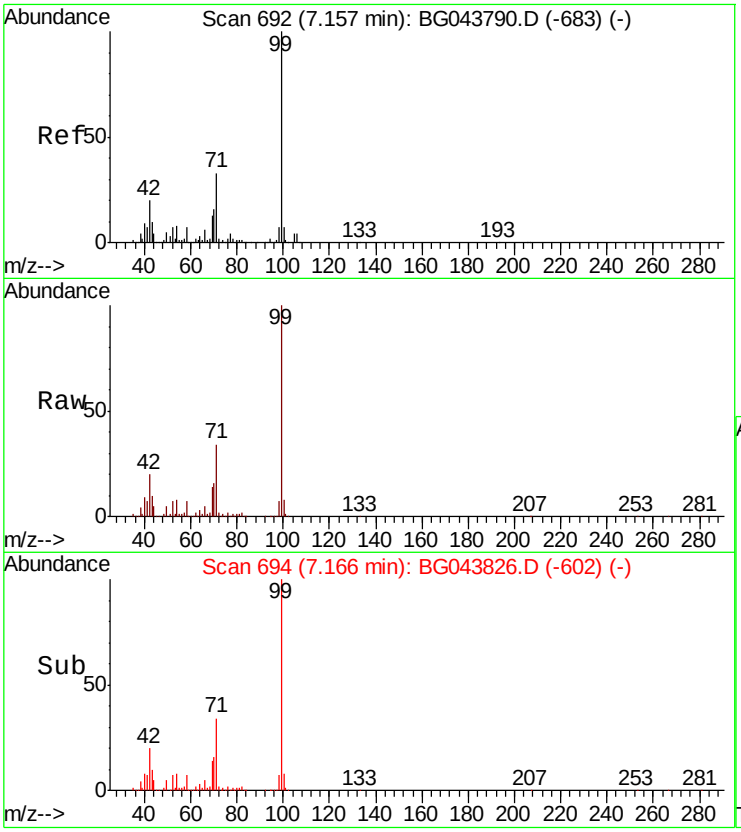


#5
2-Fluorophenol
Concen: 146.717 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:112 Resp: 819995

Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.9	74.9
63	32.7	26.0	39.0



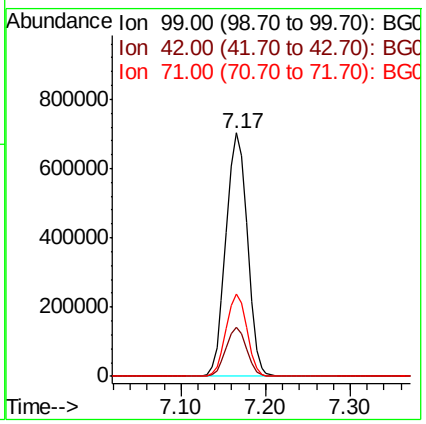


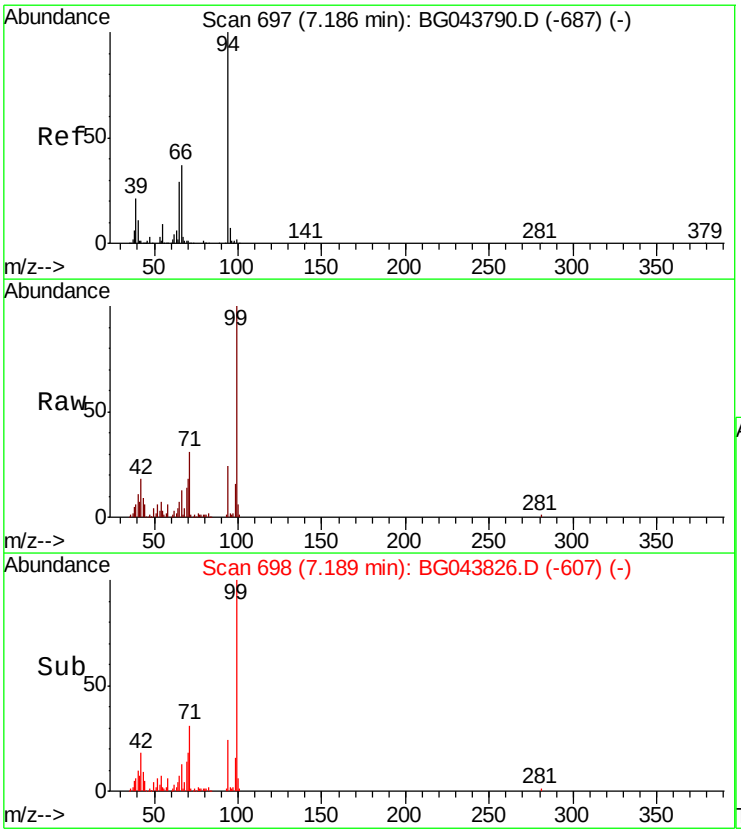
#7
Phenol-d6
Concen: 152.162 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.01 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1226467

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	33.9	26.6	40.0

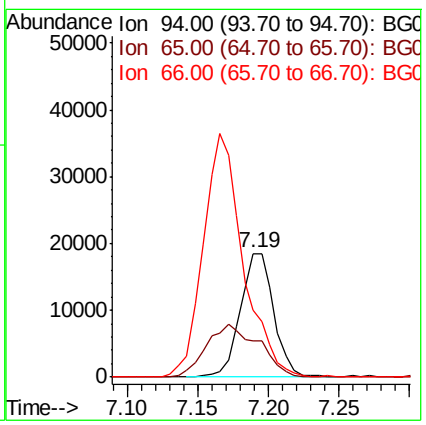


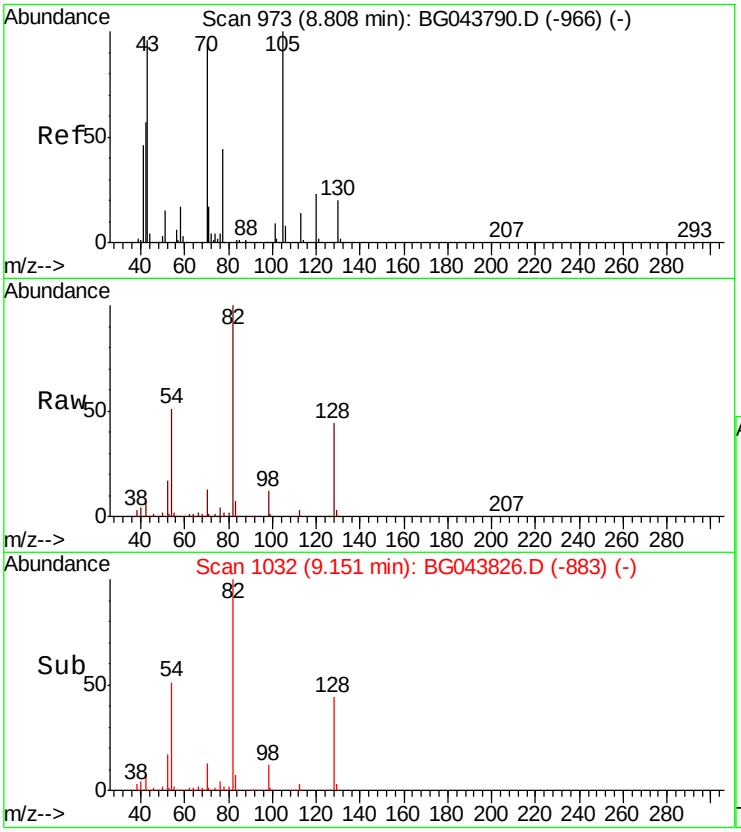


#10
Phenol
Concen: 3.688 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion: 94 Resp: 30686

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.5	49.5
66	53.8	16.8	56.8



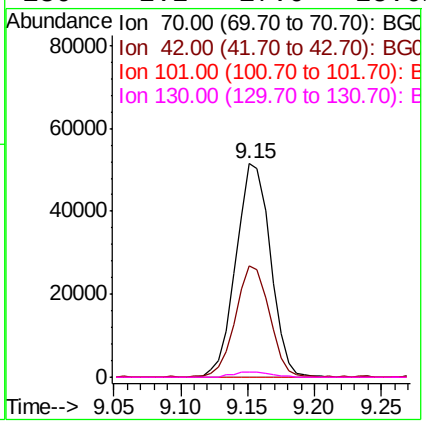


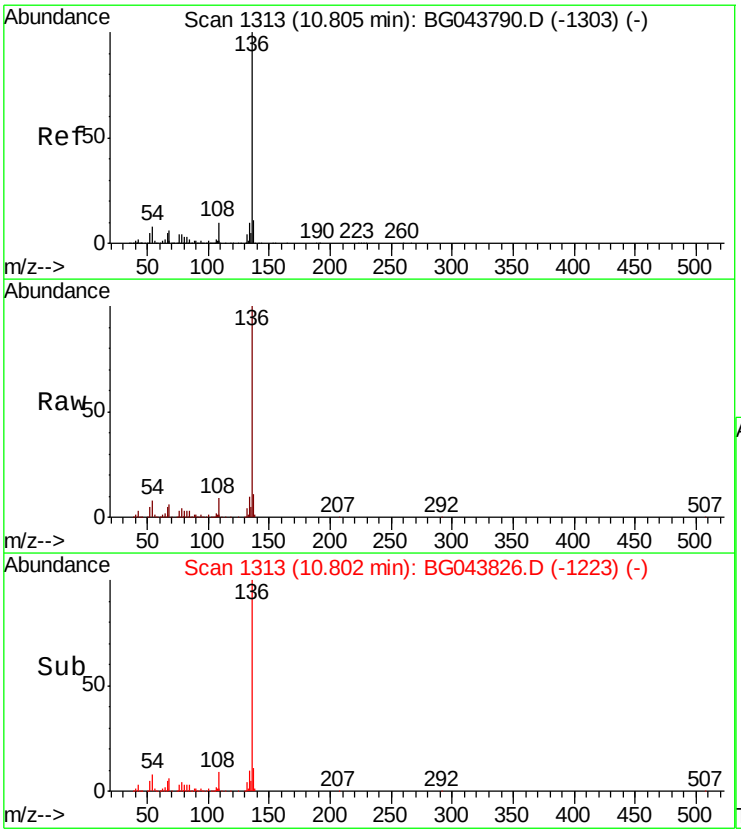
#19
n-Nitroso-di-n-propylamine
Concen: 14.972 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 92259

Ion	Ratio	Lower	Upper
70	100		
42	52.1	49.2	73.8
101	0.0	7.8	11.6#
130	2.2	17.0	25.6#

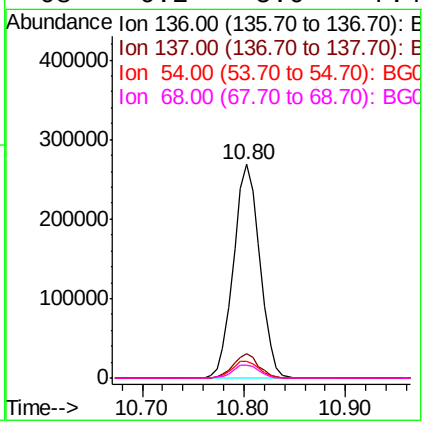


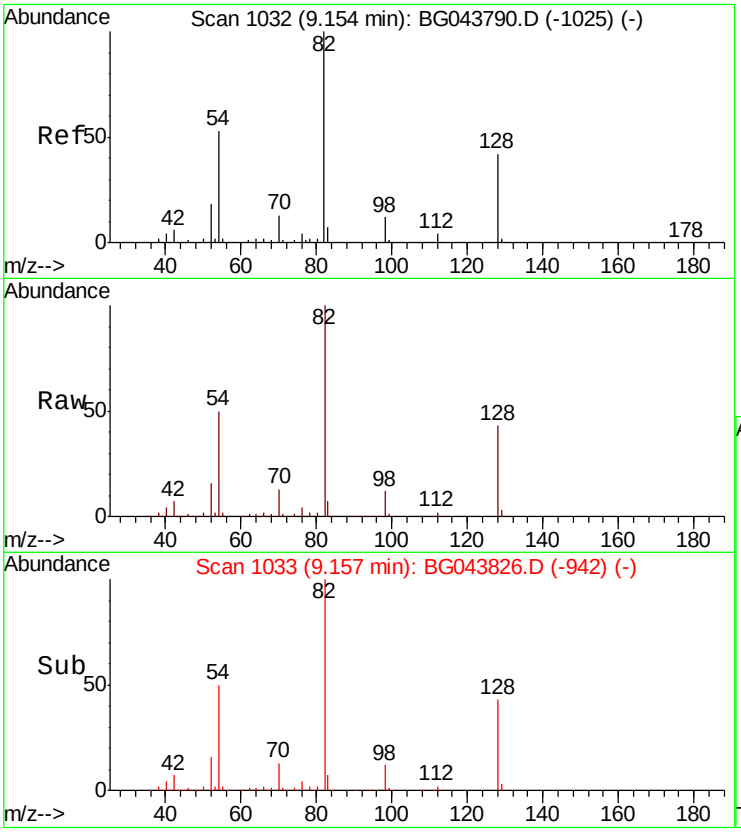


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:136 Resp: 481730

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.7	6.8	10.2
68	6.2	5.0	7.4



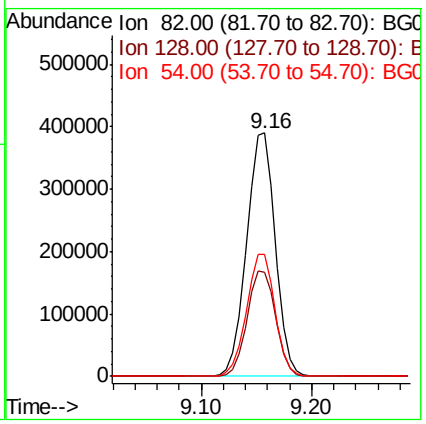


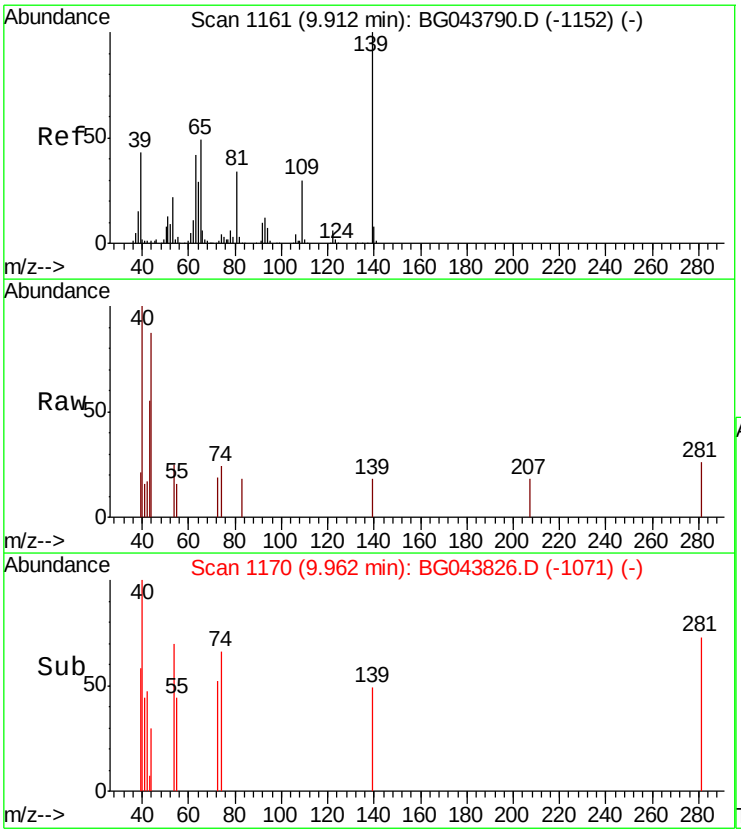
#23
Nitrobenzene-d5
Concen: 83.199 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 713831

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.6	50.4
54	49.9	42.1	63.1

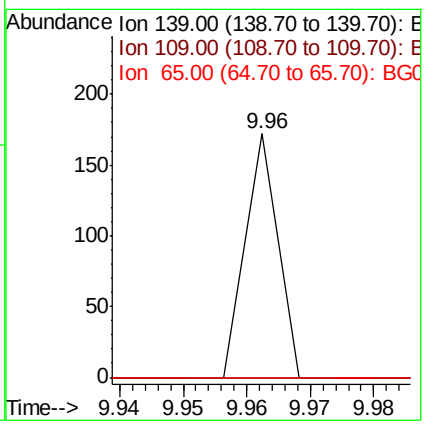


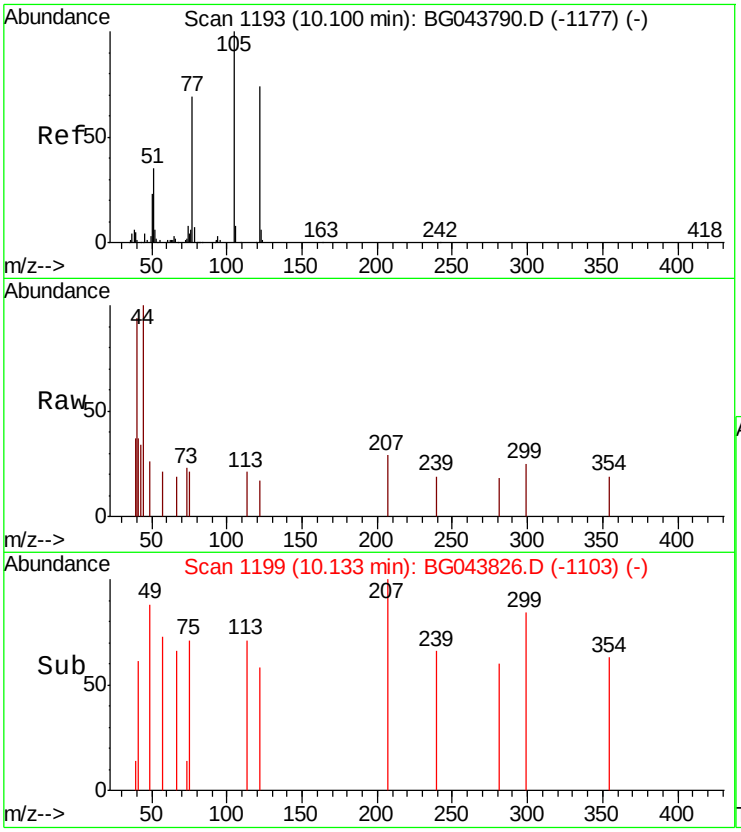


#26
2-Nitrophenol
Concen: 8.363 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.05 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:139 Resp: 61

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	39.3	58.9#



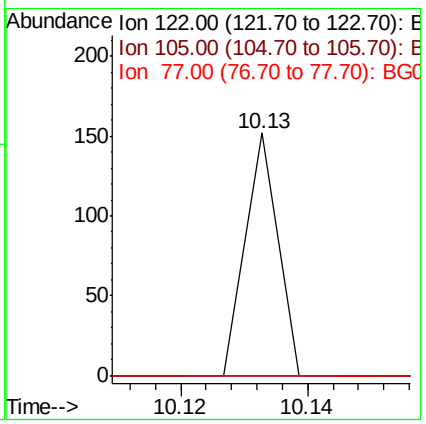


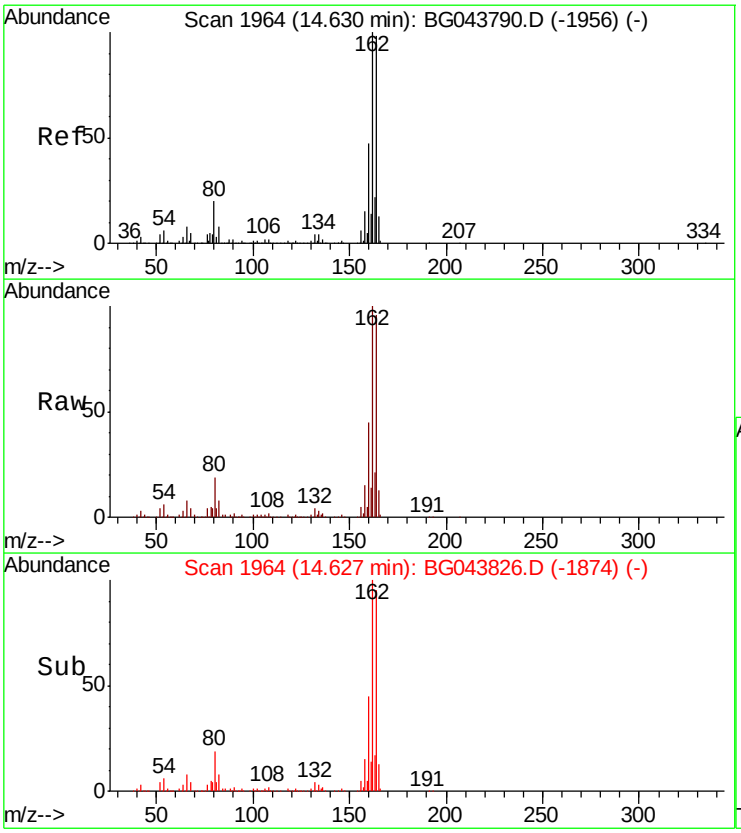
#32
Benzoic acid
Concen: 5.660 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.03 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	71.7	111.7#

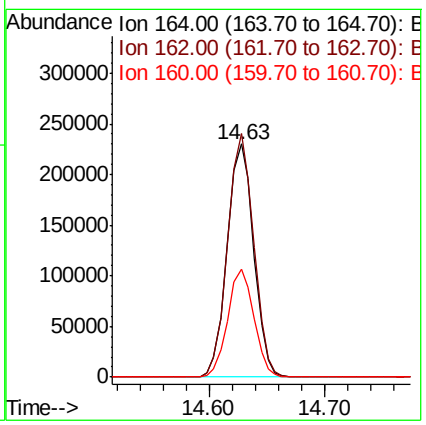


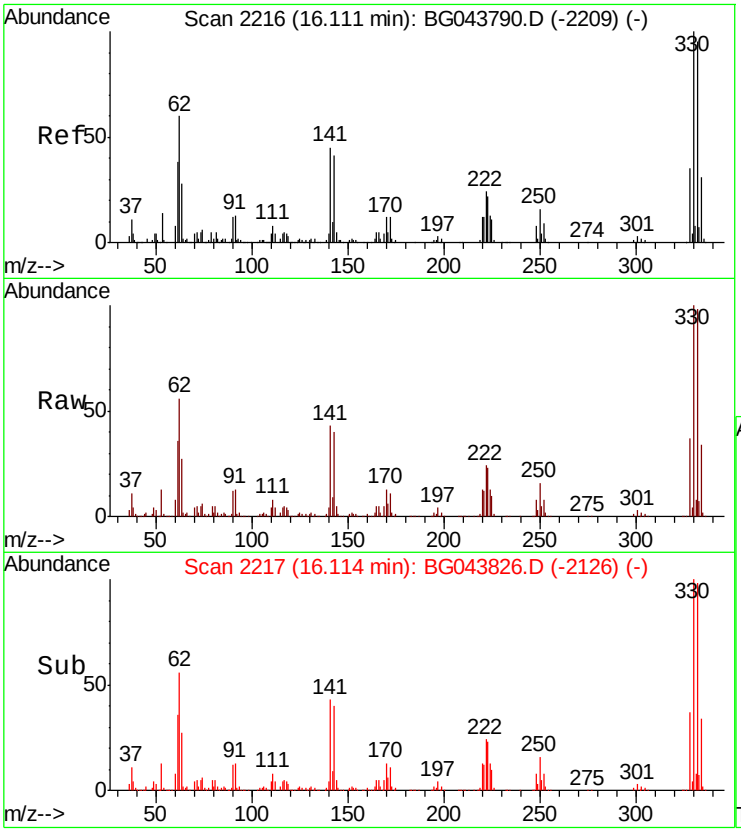


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:164 Resp: 366168

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.9	122.9
160	46.5	38.3	57.5



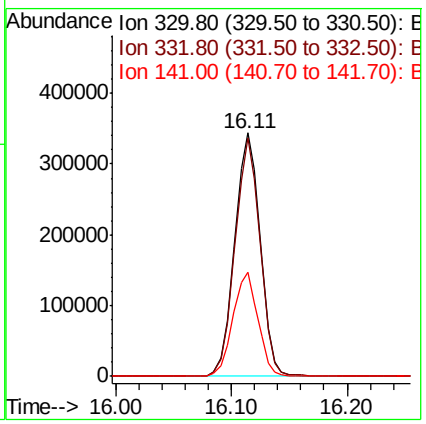


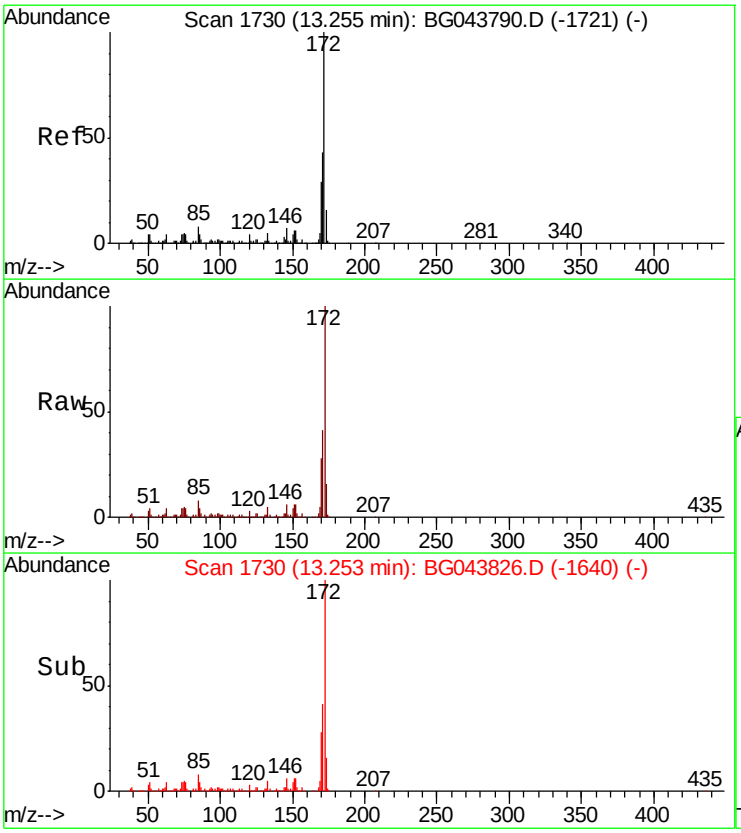
#42
2,4,6-Tribromophenol
Concen: 150.546 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 525537

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	42.0	33.8	50.8

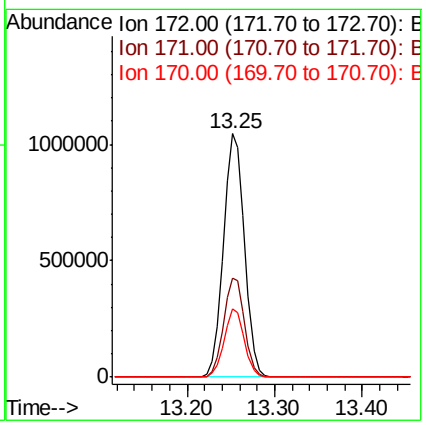


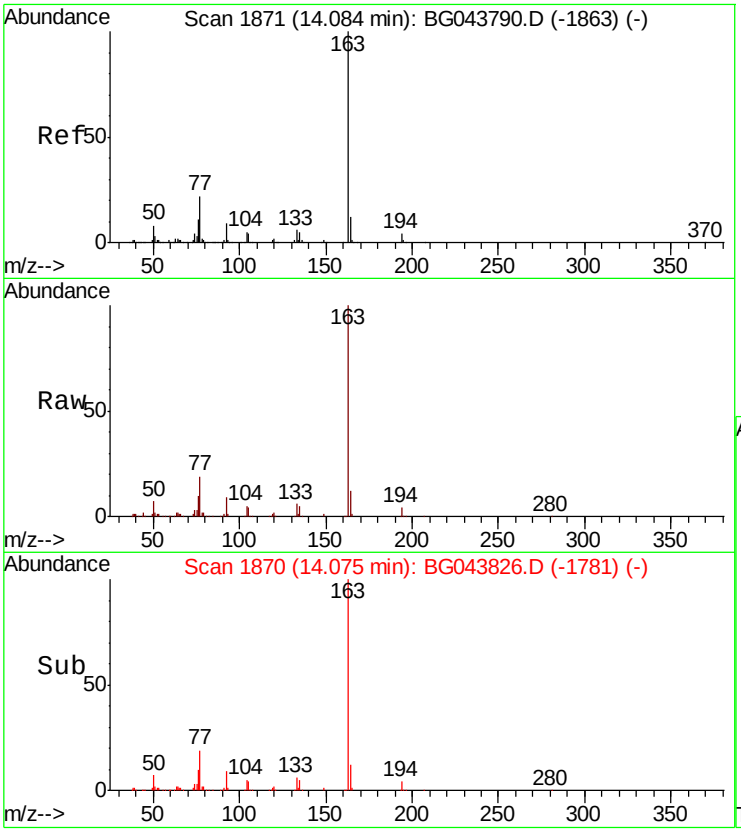


#45
2-Fluorobiphenyl
Concen: 82.360 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:172 Resp: 1716848

Ion	Ratio	Lower	Upper
172	100		
171	40.8	34.6	51.8
170	28.2	23.3	34.9



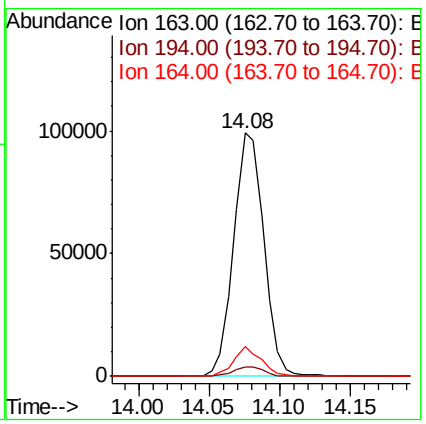


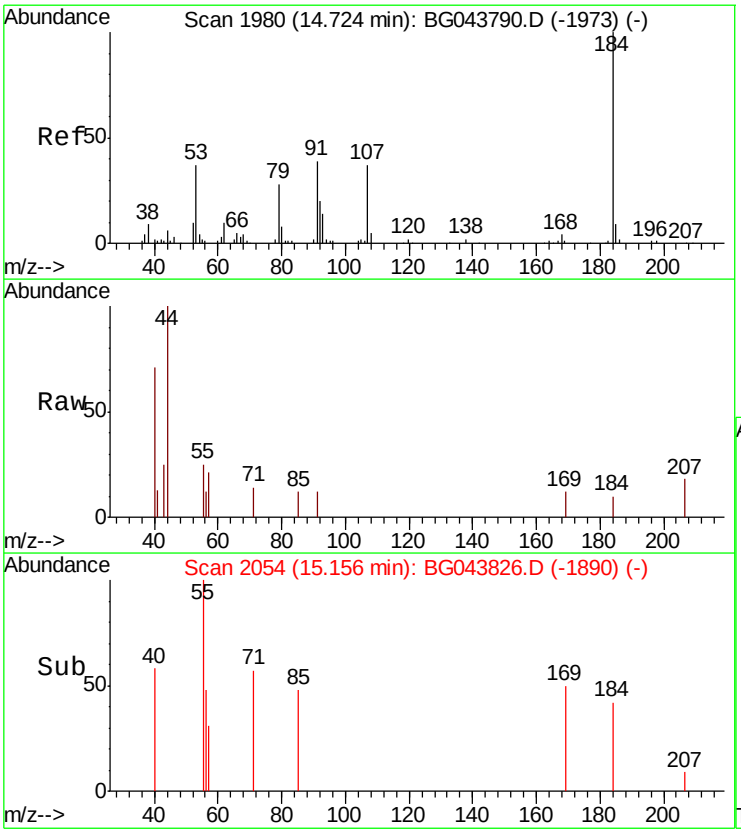
#50
Dimethylphthalate
Concen: 5.674 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 148279

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	12.2	9.4	14.0

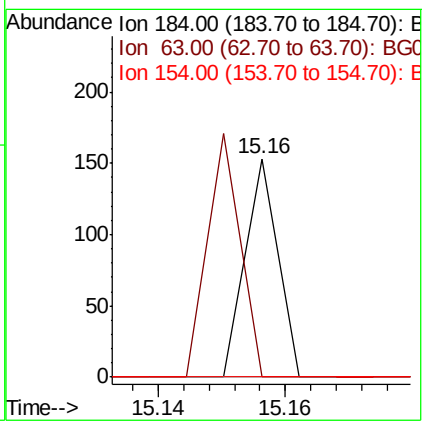


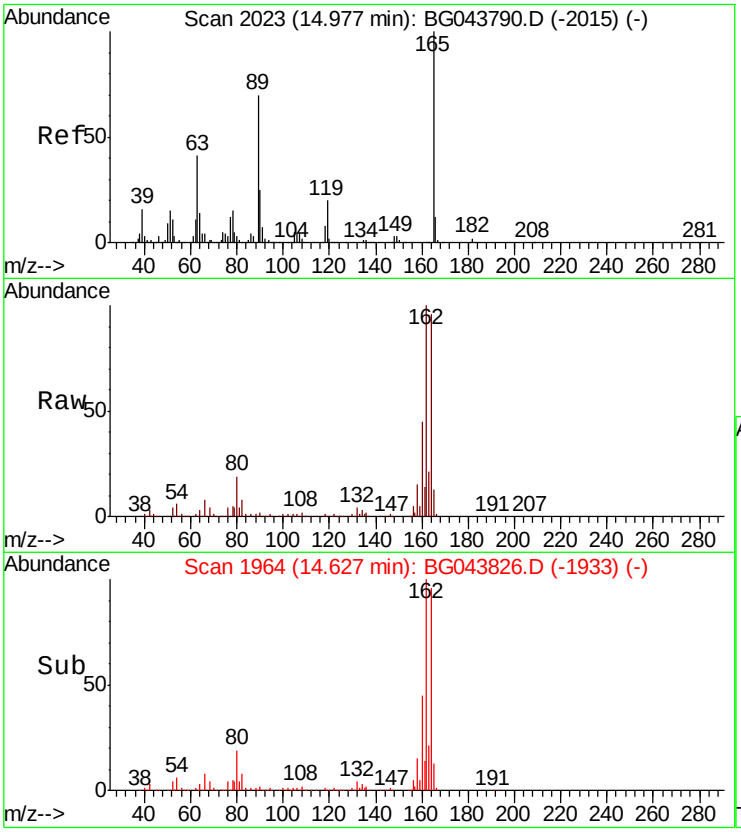


#54
2,4-Dinitrophenol
Concen: 3.974 ng
RT: 15.16 min Scan# 2054
Delta R.T. 0.43 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.4	65.0#
154	0.0	54.8	82.2#



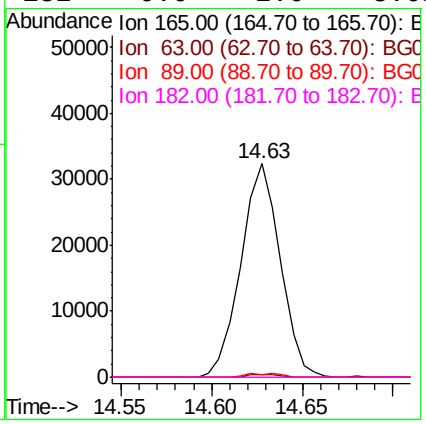


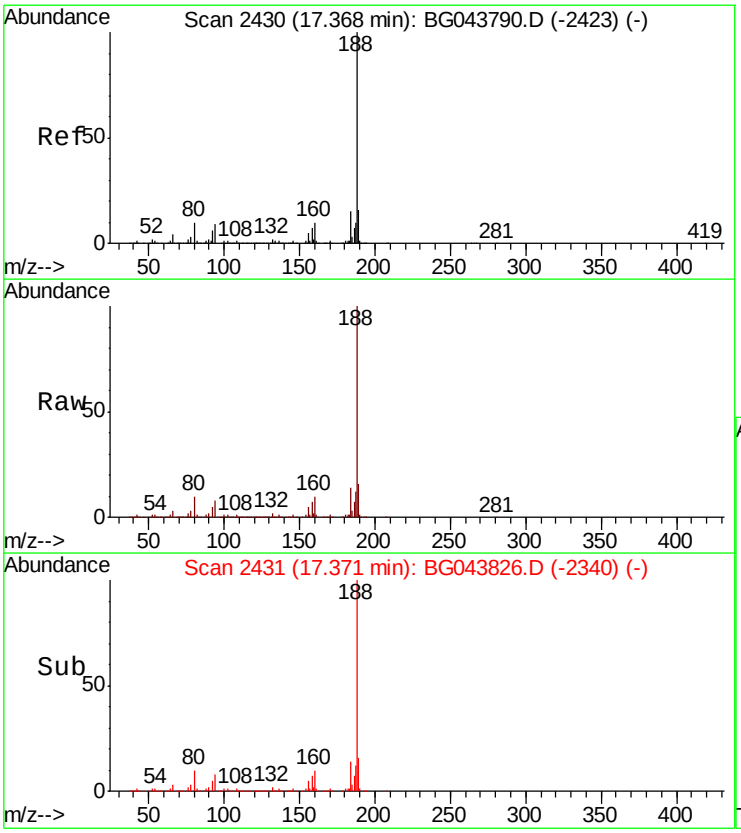
#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.35 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 48762

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.7	49.1#
89	1.4	56.1	84.1#
182	0.0	2.0	3.0#

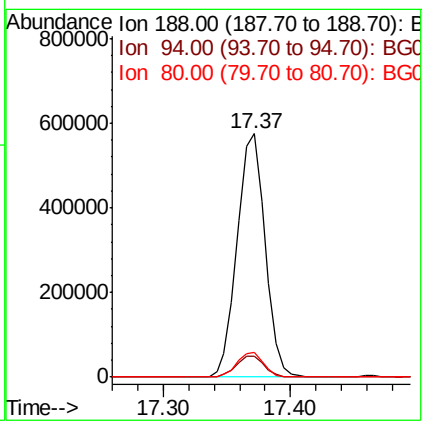


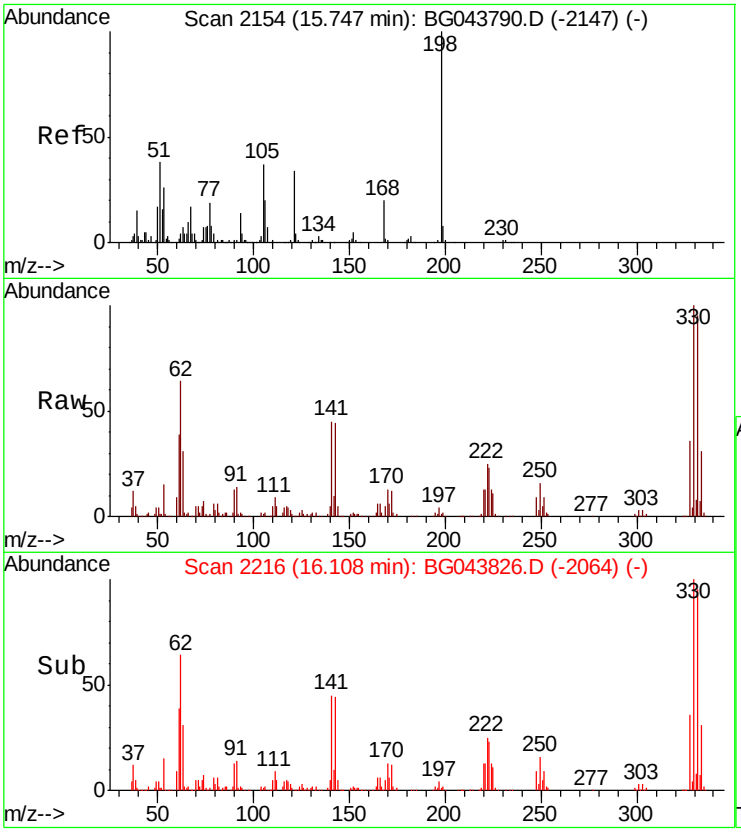


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:188 Resp: 879561

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.9	7.8	11.8



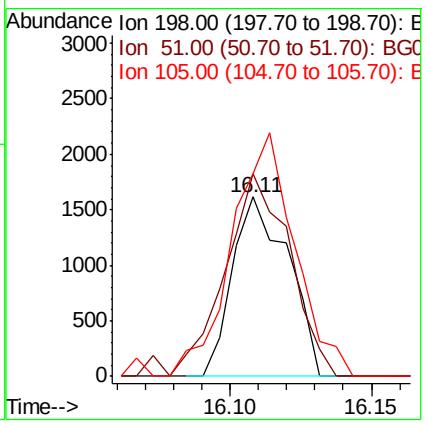


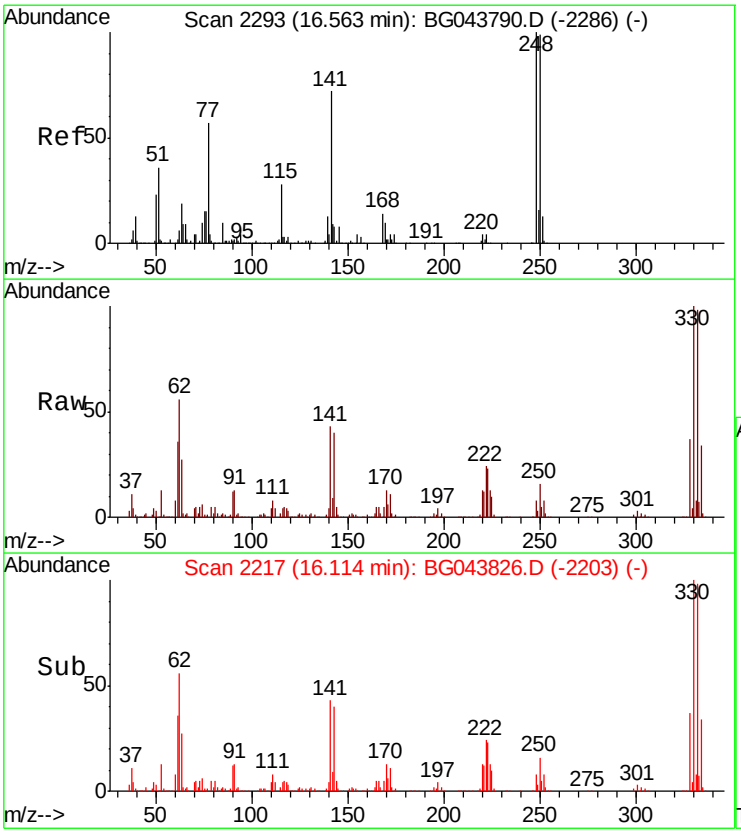
#65
4,6-Dinitro-2-methylphenol
Concen: 10.022 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.36 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 2206

Ion	Ratio	Lower	Upper
198	100		
51	112.9	18.9	58.9#
105	113.4	18.1	58.1#

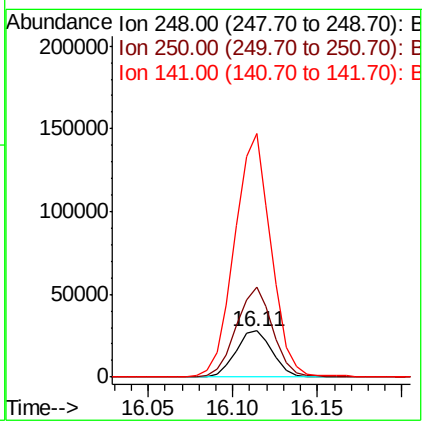


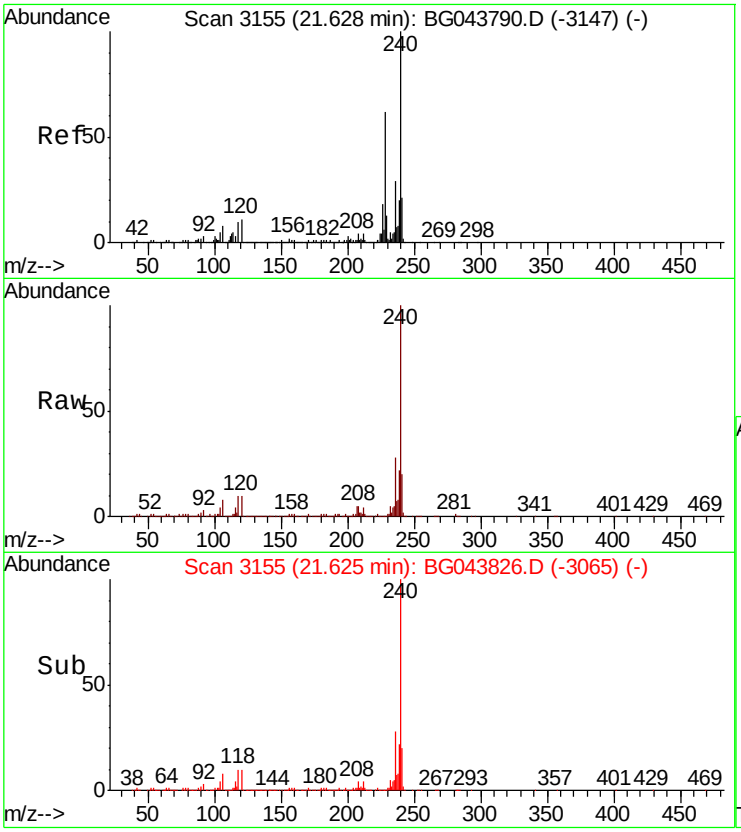


#67
4-Bromophenyl-phenylether
Concen: 4.472 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:248 Resp: 42049

Ion	Ratio	Lower	Upper
248	100		
250	194.6	79.0	118.6#
141	526.6	57.8	86.6#



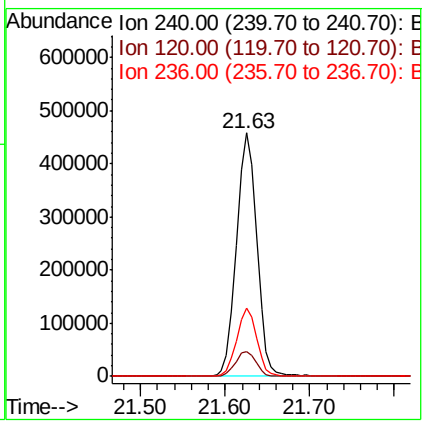


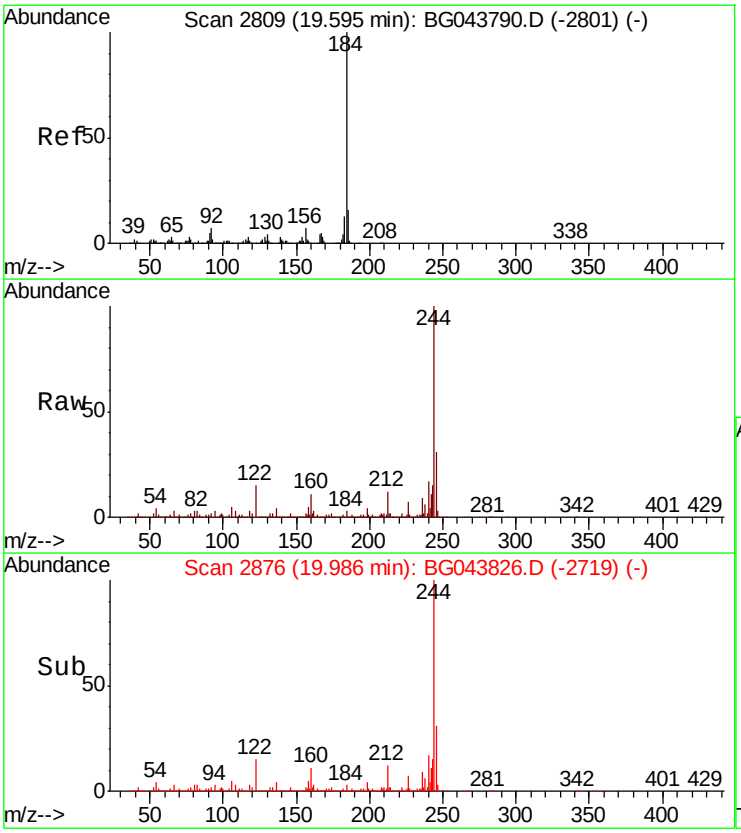
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 757763

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	12.8
236	28.3	23.1	34.7

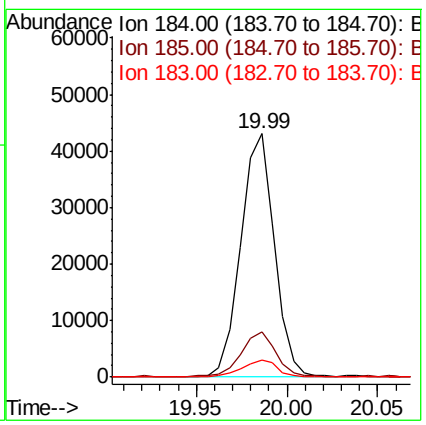


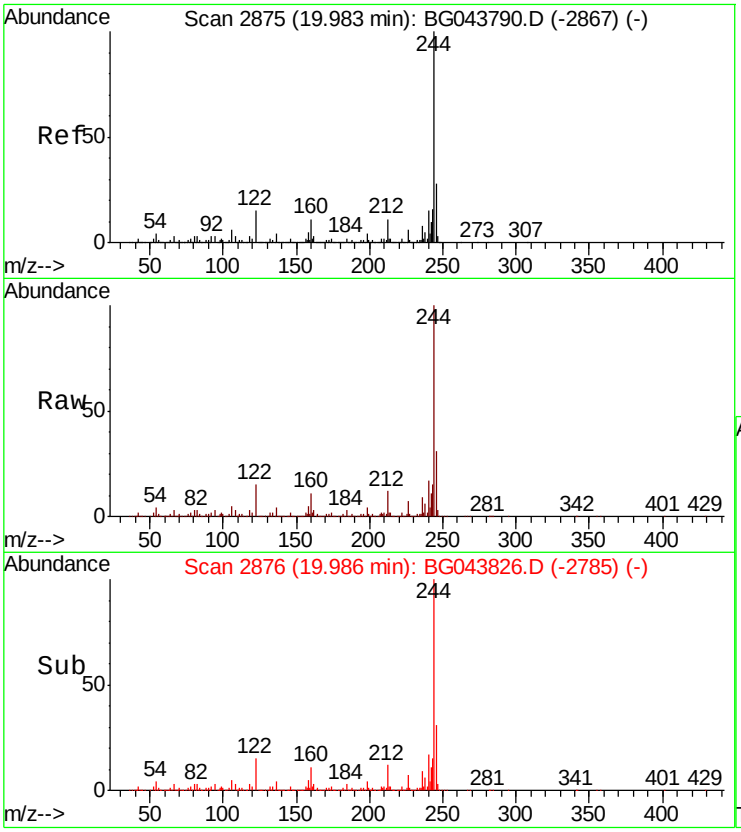


#77
Benzidine
Concen: 3.352 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.39 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:184 Resp: 55418

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.9	19.3
183	7.0	10.3	15.5#



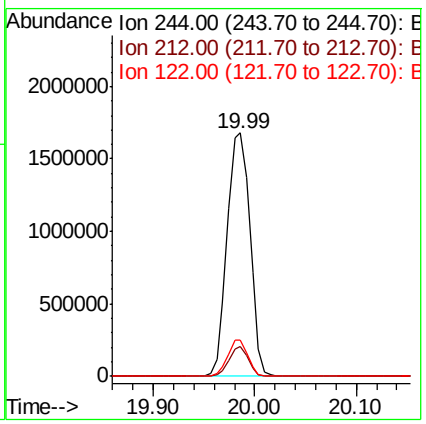


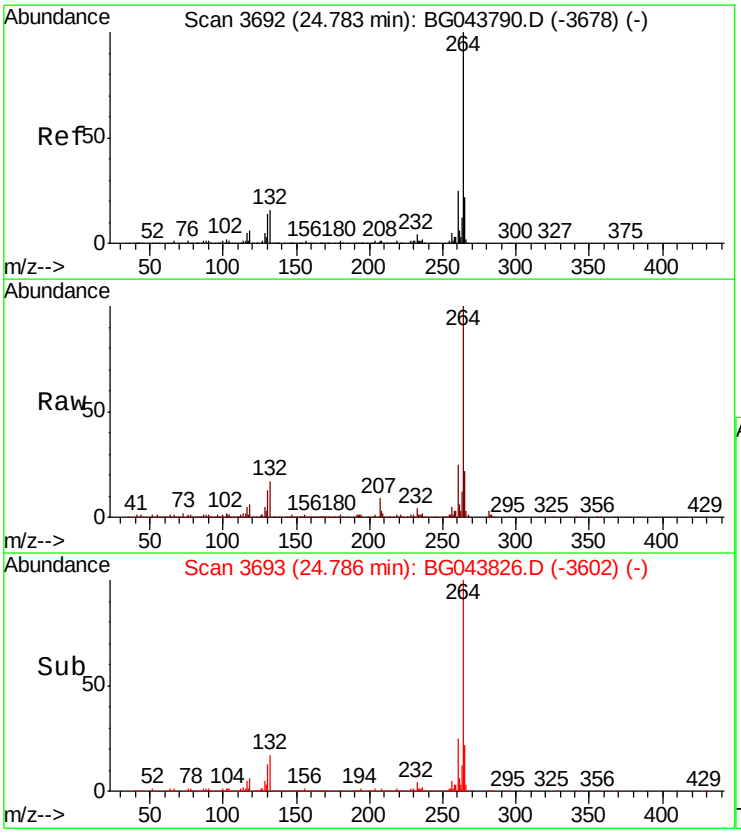
#79
Terphenyl-d14
Concen: 83.805 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2639651

Ion	Ratio	Lower	Upper
244	100		
212	12.2	9.1	13.7
122	15.1	11.6	17.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG043826.D
Acq: 17 Dec 2019 19:20

Tgt Ion:264 Resp: 822564

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.8
265	22.4	17.9	26.9