Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043771.D
Acq On : 25 Nov 2019 16:17
Operator : JU
Sample : K5668-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-112119

Quant Time: Nov 26 00:25:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	73345	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	357885	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	278805	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	807474	20.00	ng		0.00
76) Chrysene-d12	21.66	240	817972	20.00	ng		-0.01
87) Perylene-d12	24.83	264	752630	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	651117	159.60	ng		0.00
7) Phenol-d6	7.18	99	973154	164.09	ng		0.00
23) Nitrobenzene-d5	9.18	82	551873	84.79	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	487510	144.97	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	1354510	79.86	ng		-0.01
79) Terphenyl-d14	20.01	244	2948261	81.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	9604	5.309	ng	#	1
10) Phenol	7.21	94	22922	3.765	ng		96
19) n-Nitroso-di-n-propylamine	9.18	70	73908	15.847	ng	#	73
50) Dimethylphthalate	14.10	163	345046	15.623	ng		99
57) 2,4-Dinitrotoluene	14.65	165	35836	6.300	ng	#	24
60) Diethylphthalate	15.47	149	1580	Below Cal		#	89
65) 4,6-Dinitro-2-methylphenol	16.14	198	2270	4.960	ng	#	1
67) 4-Bromophenyl-phenylether	16.13	248	37897	4.450	ng	#	1
73) Carbazole	17.78	167	1320	Below Cal		#	56
77) Benzidine	19.61	184	120810	5.056	ng		98

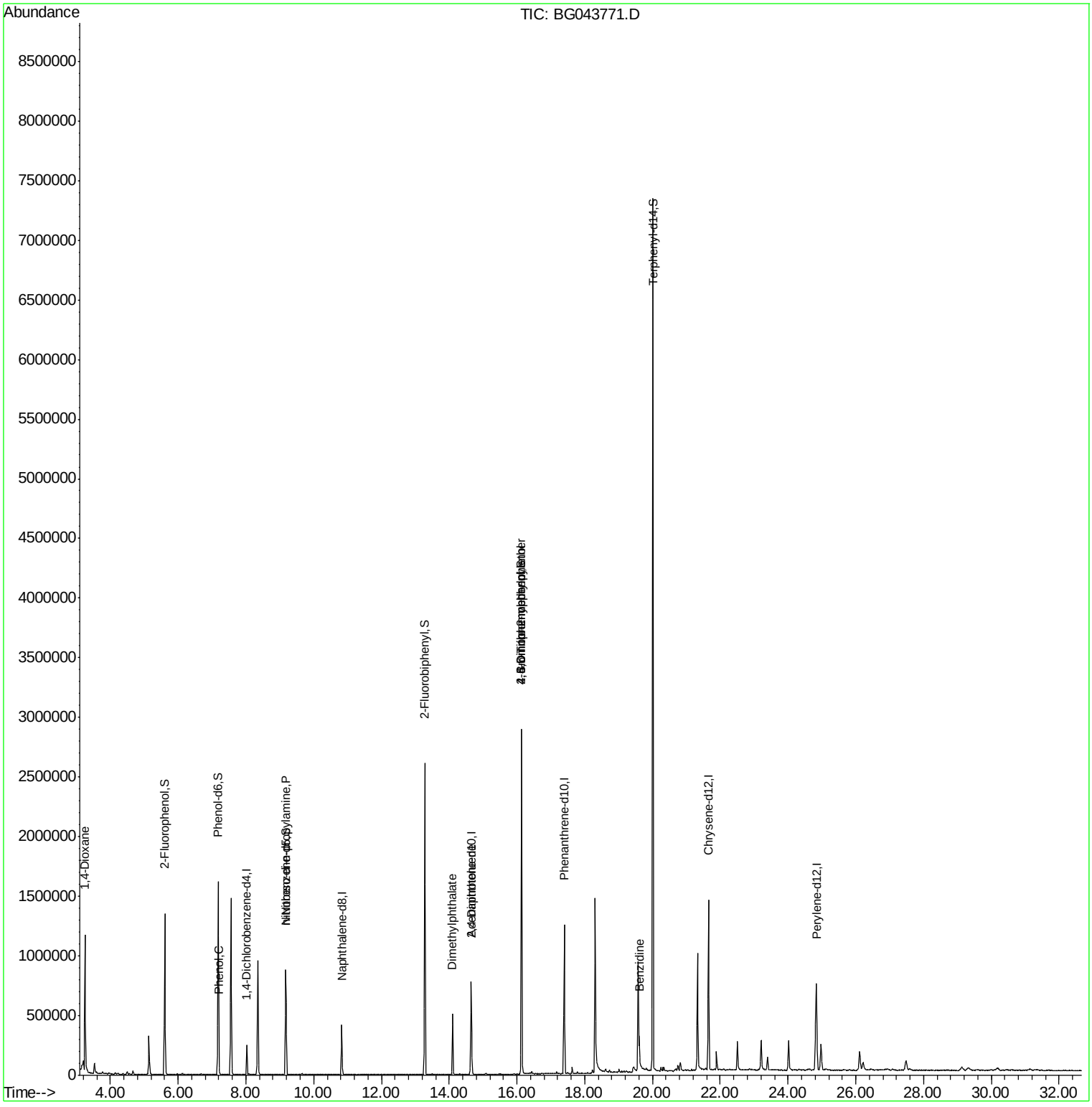
(#) = qualifier out of range (m) = manual integration (+) = signals summed

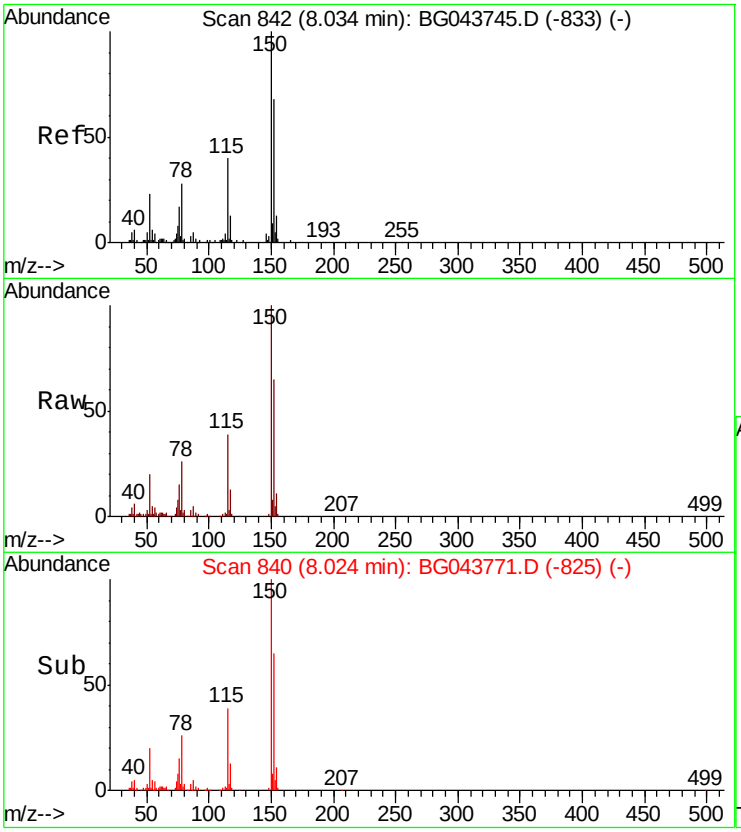
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043771.D
Acq On : 25 Nov 2019 16:17
Operator : JU
Sample : K5668-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Quant Time: Nov 26 00:25:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration



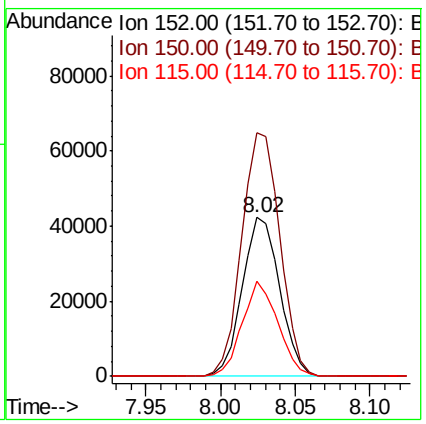


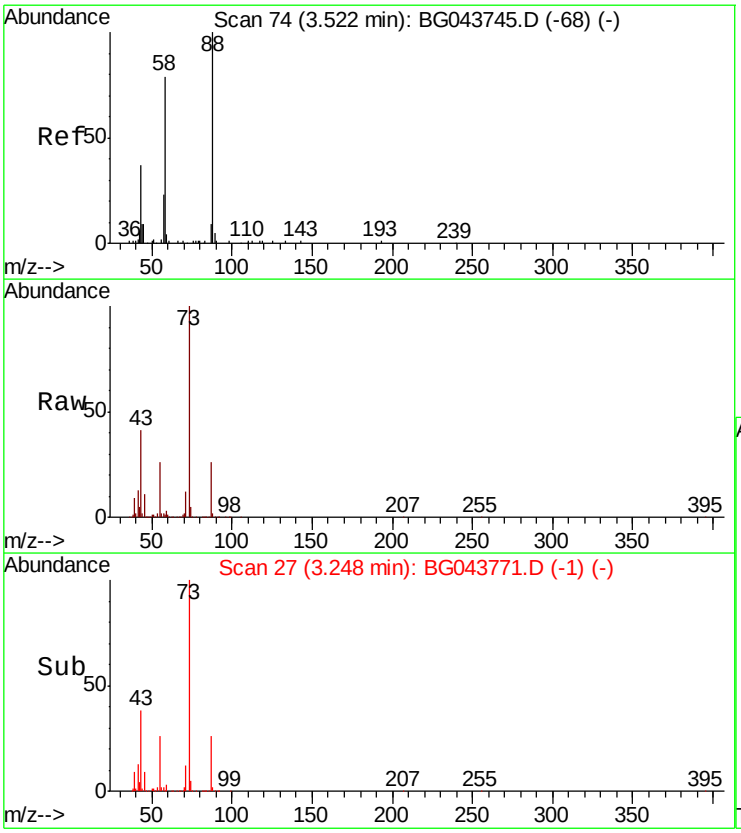
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:152 Resp: 73345

Ion	Ratio	Lower	Upper
152	100		
150	153.2	117.8	176.8
115	60.2	47.0	70.4

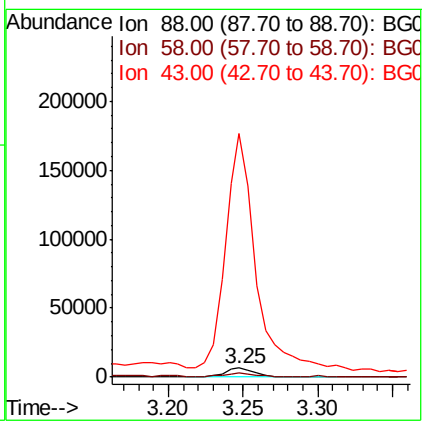


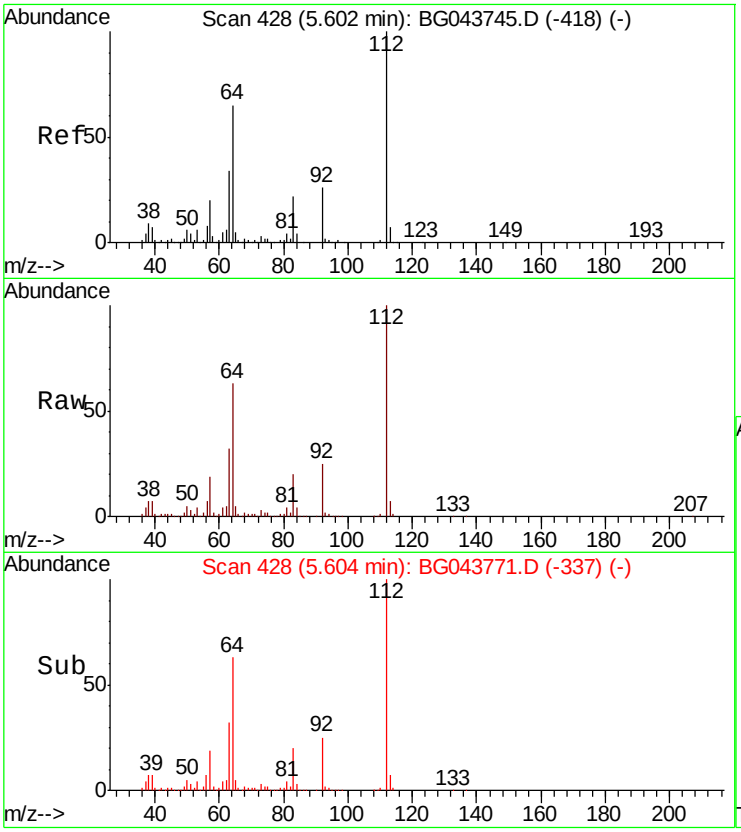


#2
1,4-Dioxane
Concen: 5.309 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.27 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion: 88 Resp: 9604

Ion	Ratio	Lower	Upper
88	100		
58	34.0	62.3	93.5#
43	2591.7	28.9	43.3#



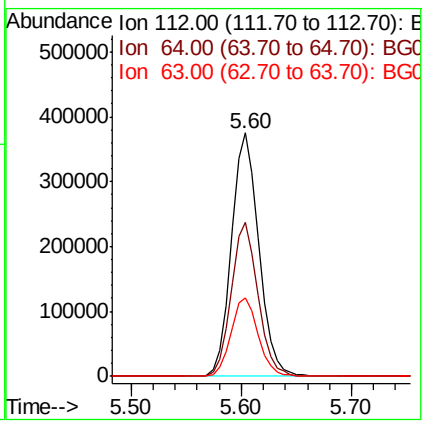


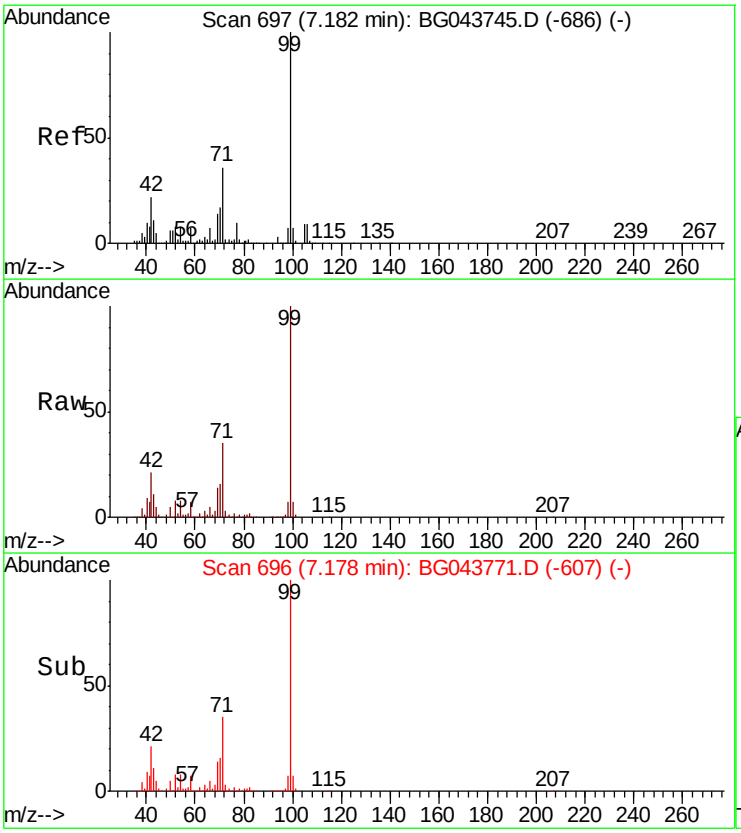
#5
2-Fluorophenol
Concen: 159.597 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:112 Resp: 651117

Ion	Ratio	Lower	Upper
112	100		
64	63.2	51.7	77.5
63	32.1	26.8	40.2

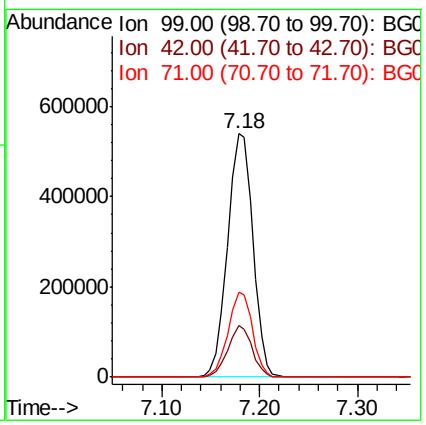


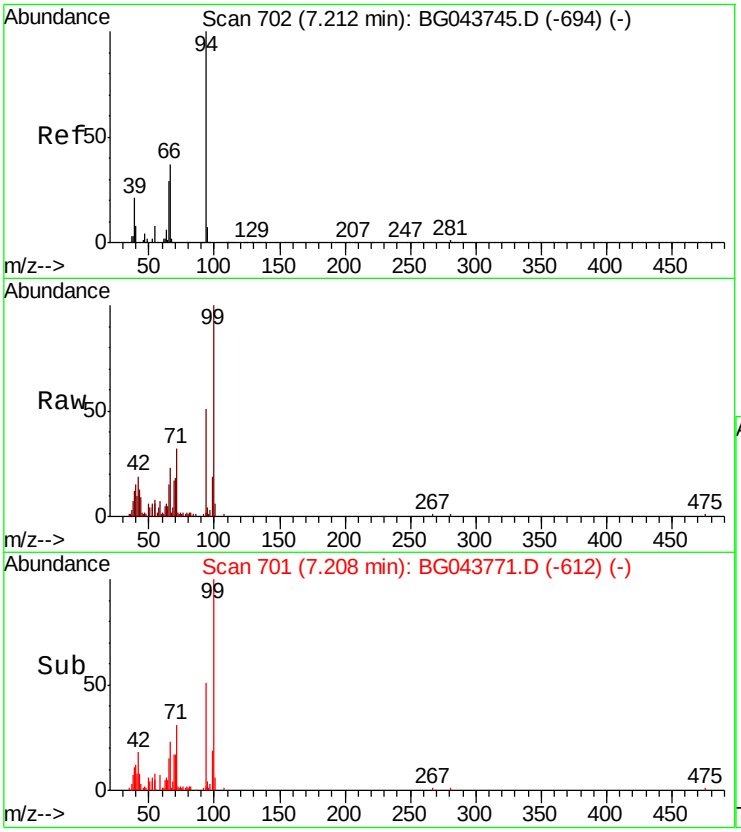


#7
Phenol-d6
Concen: 164.090 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion: 99 Resp: 973154

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.4	26.0
71	35.0	29.5	44.3



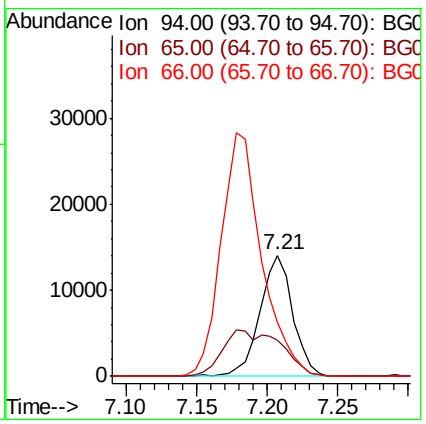


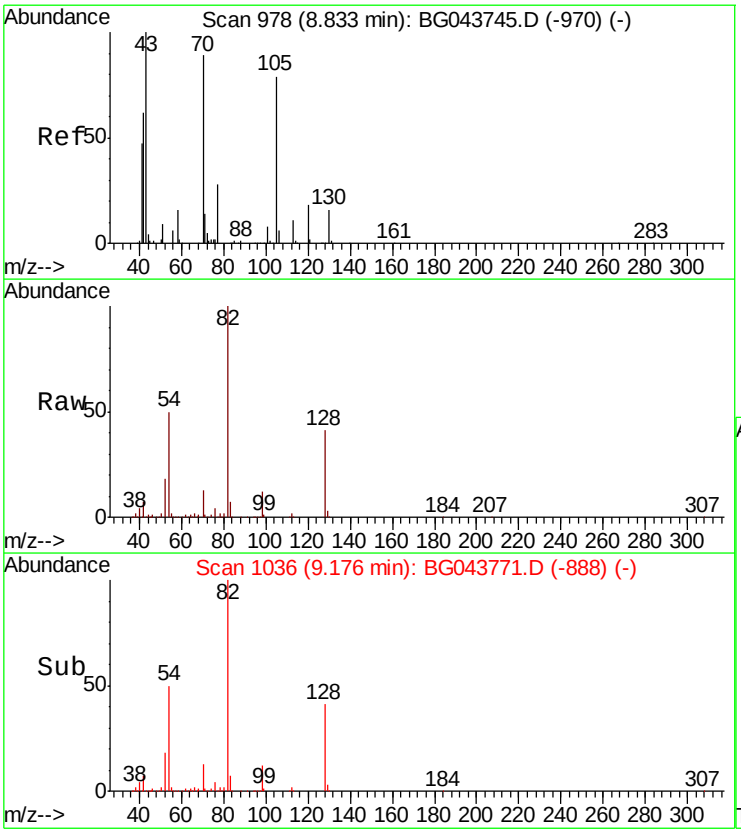
#10
Phenol
Concen: 3.765 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion: 94 Resp: 22922

Ion	Ratio	Lower	Upper
94	100		
65	30.1	10.3	50.3
66	44.3	20.5	60.5

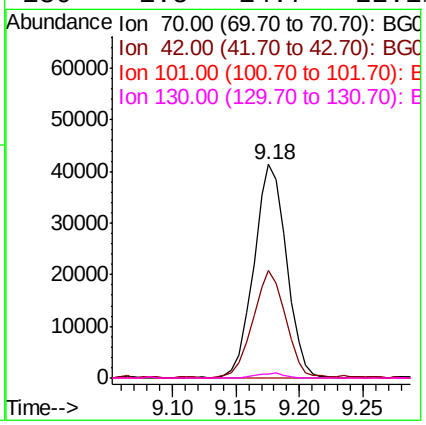


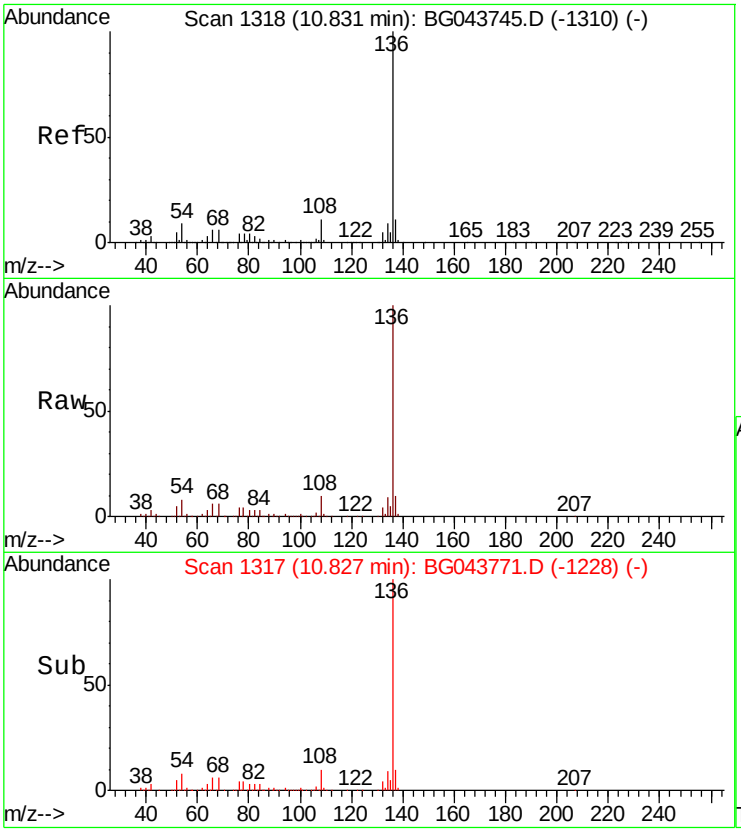


#19
n-Nitroso-di-n-propylamine
Concen: 15.847 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.34 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion: 70 Resp: 73908

Ion	Ratio	Lower	Upper
70	100		
42	50.5	56.4	84.6#
101	0.0	6.7	10.1#
130	1.5	14.7	22.1#



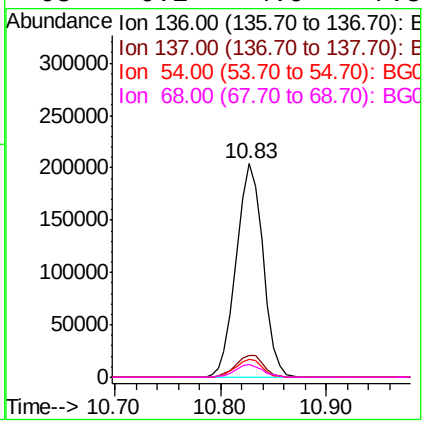


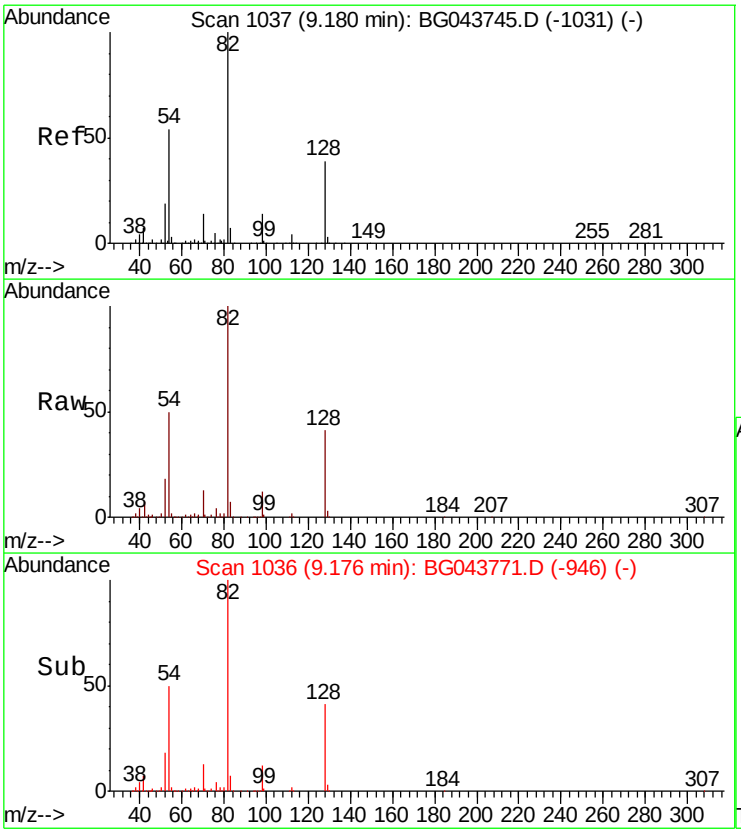
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:136 Resp: 357885

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.5	7.5	11.3
68	6.2	4.9	7.3

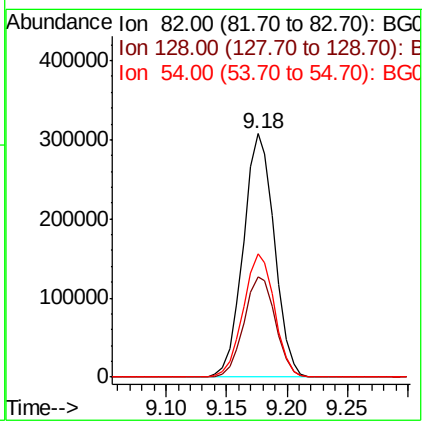


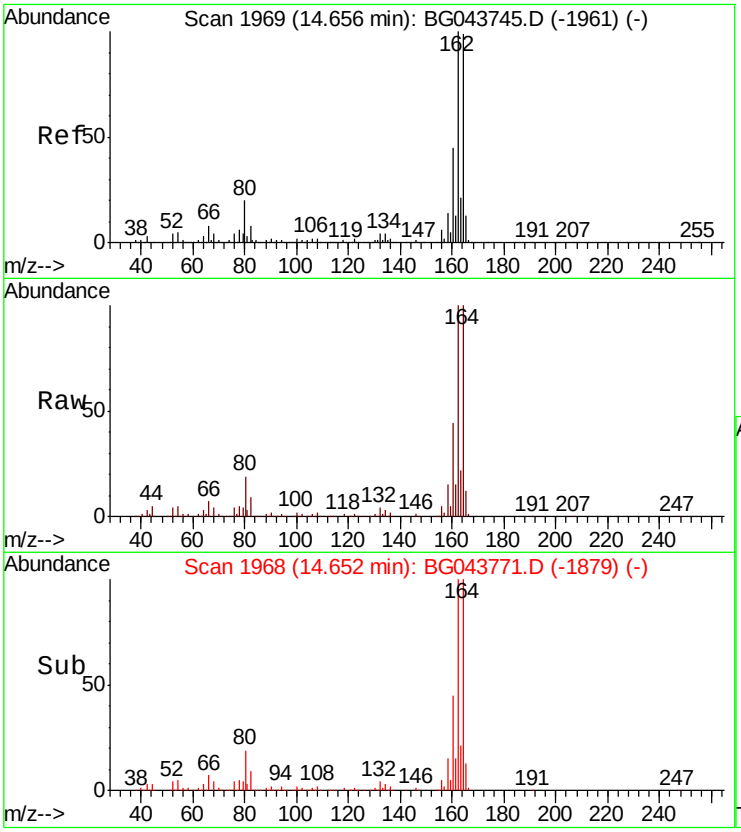


#23
Nitrobenzene-d5
Concen: 84.785 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion: 82 Resp: 551873

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	50.5	42.7	64.1



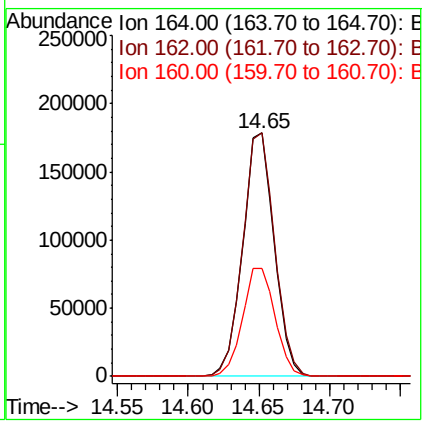


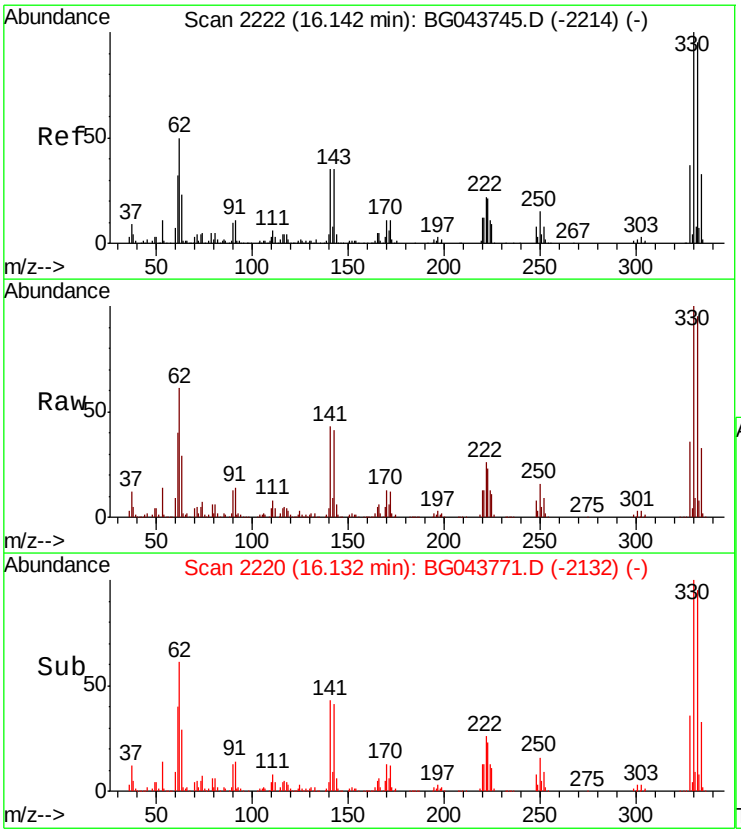
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:164 Resp: 278805

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	44.5	36.3	54.5

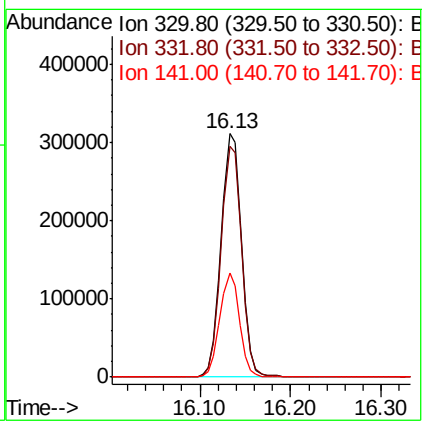


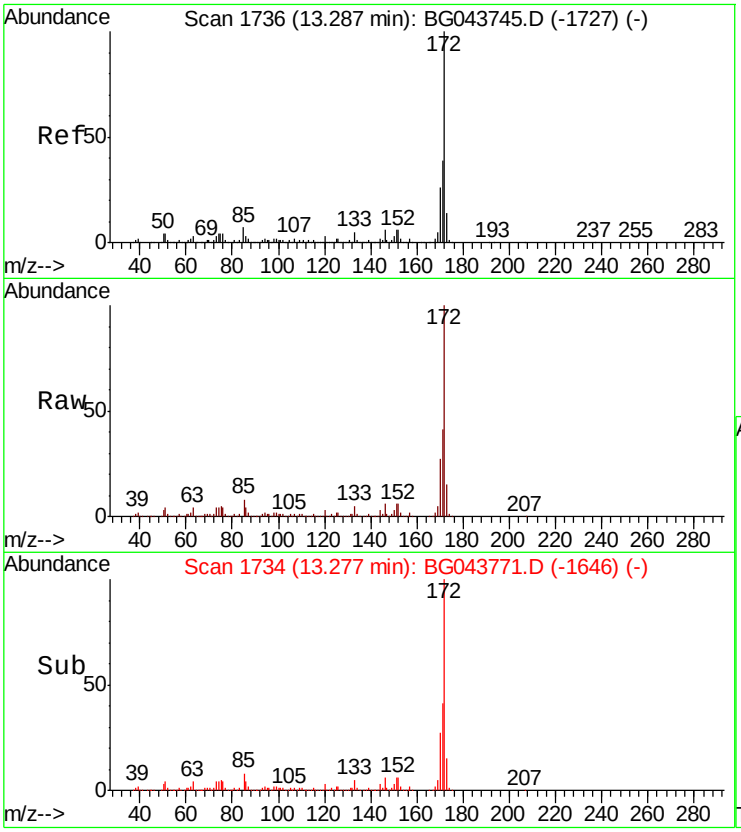


#42
2,4,6-Tribromophenol
Concen: 144.971 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:330 Resp: 487510

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	41.1	31.4	47.2



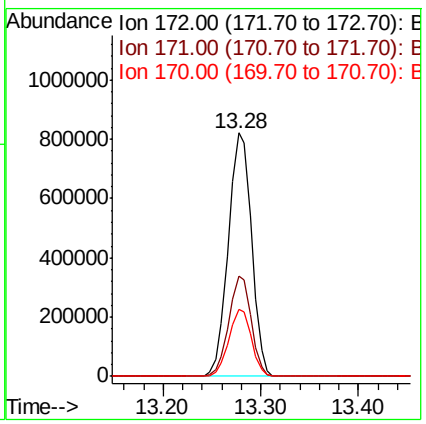


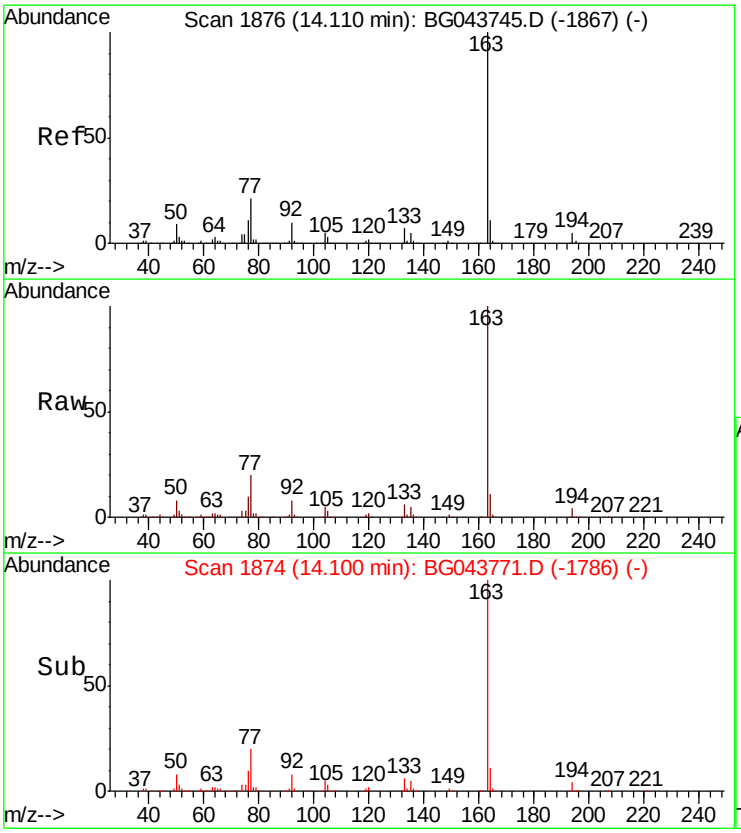
#45
2-Fluorobiphenyl
Concen: 79.860 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:172 Resp: 1354510

Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.0	46.6
170	27.3	21.0	31.4

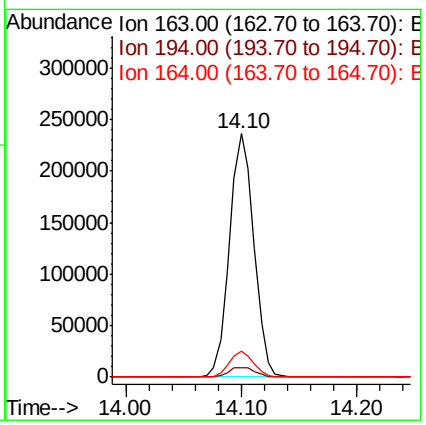


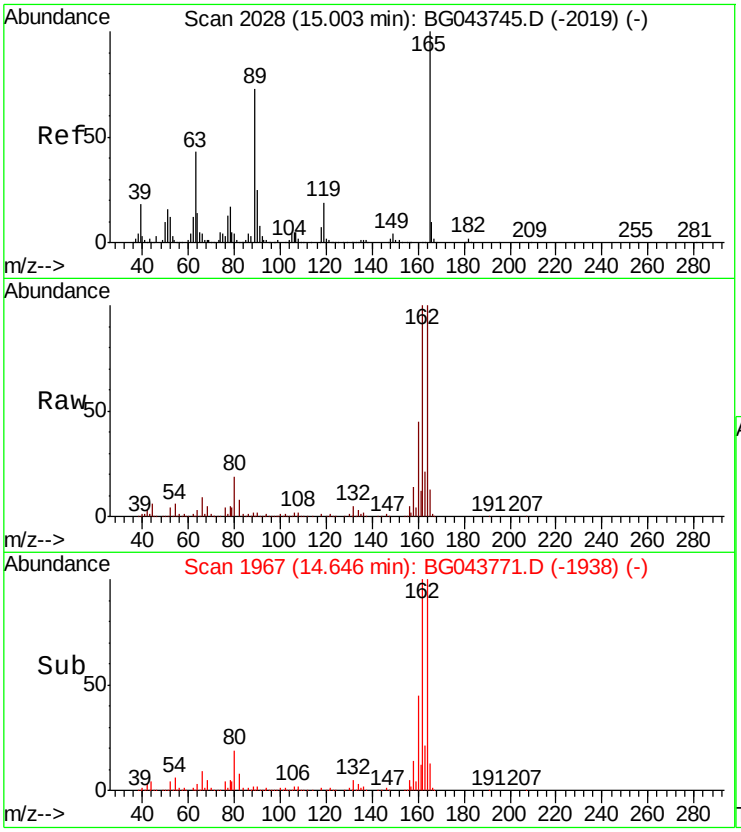


#50
Dimethylphthalate
Concen: 15.623 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:163 Resp: 345046

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.7	8.7	13.1



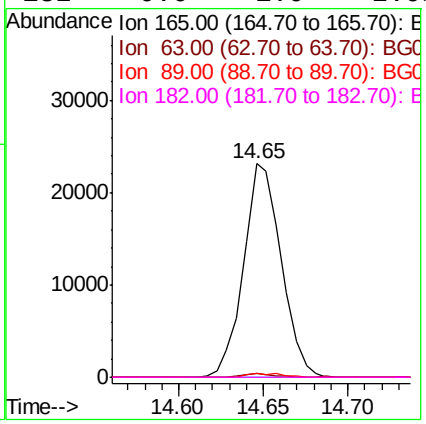


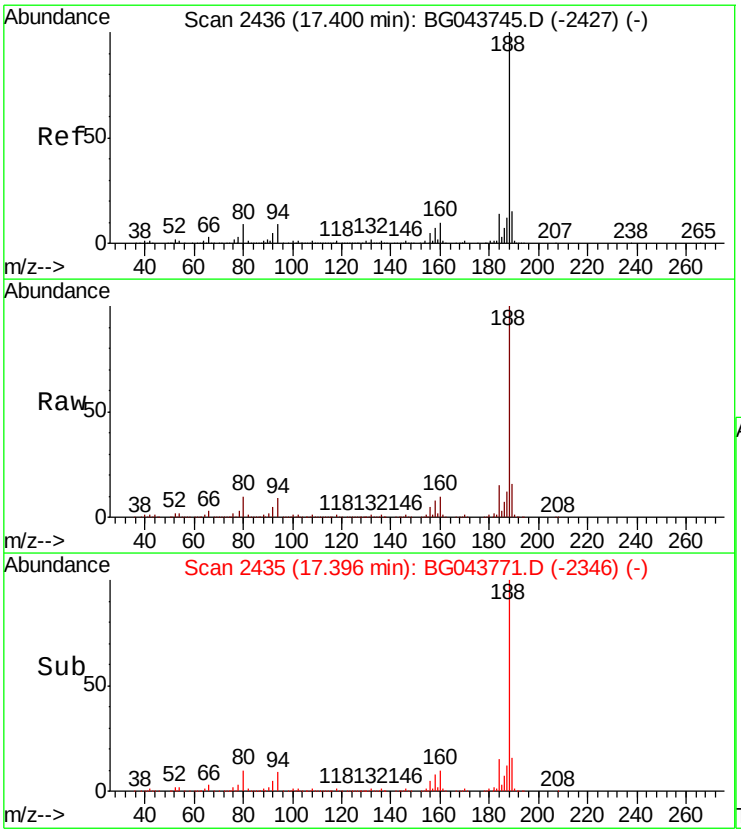
#57
2,4-Dinitrotoluene
Concen: 6.300 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.36 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:165 Resp: 35836

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	51.8#
89	1.6	58.3	87.5#
182	0.0	1.9	2.9#

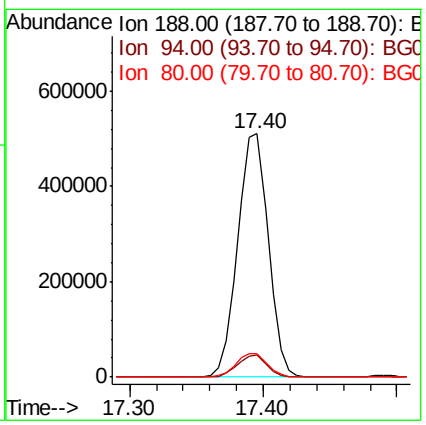


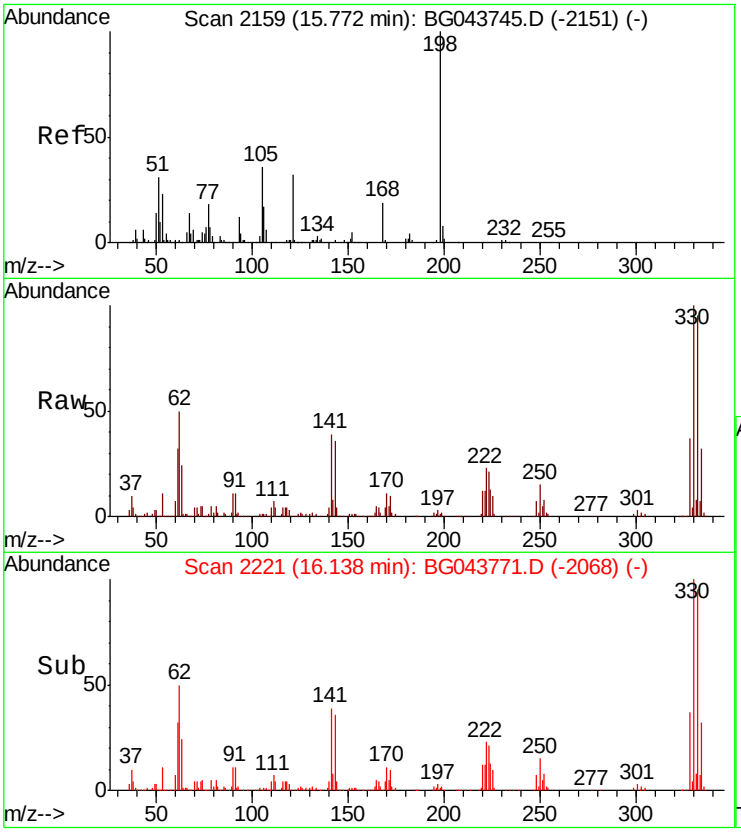


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:188 Resp: 807474

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.7	7.5	11.3



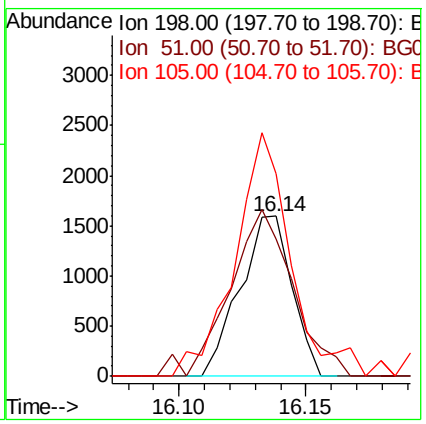


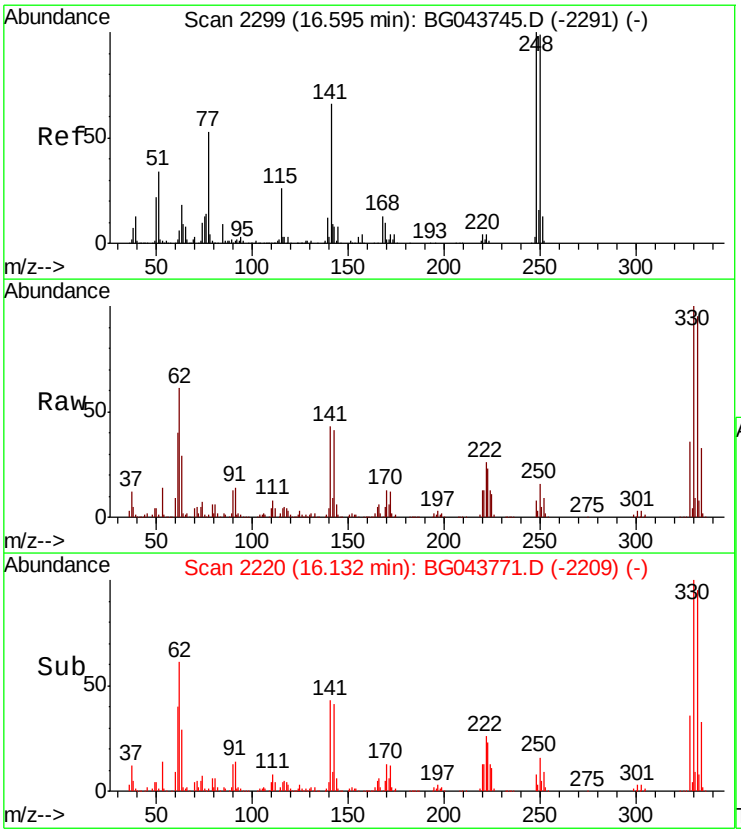
#65
4,6-Dinitro-2-methylphenol
Concen: 4.960 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.37 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:198 Resp: 2270

Ion	Ratio	Lower	Upper
198	100		
51	85.9	16.8	56.8#
105	126.1	17.3	57.3#

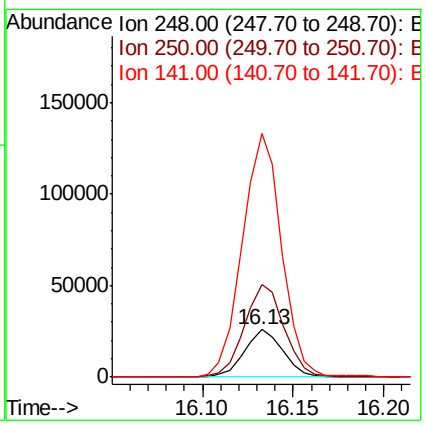


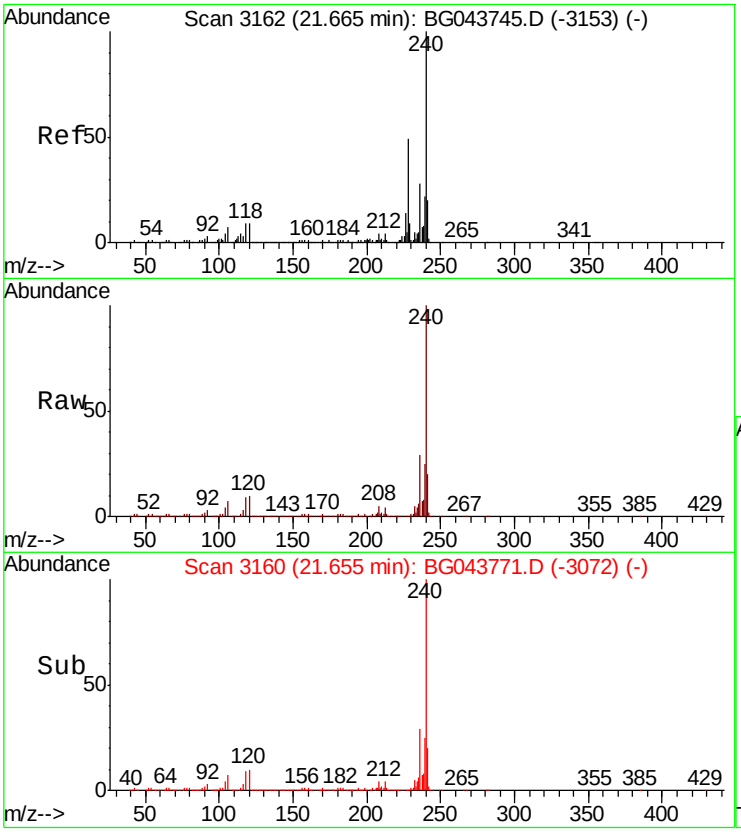


#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.46 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:248 Resp: 37897

Ion	Ratio	Lower	Upper
248	100		
250	193.6	79.3	118.9#
141	511.1	53.0	79.6#



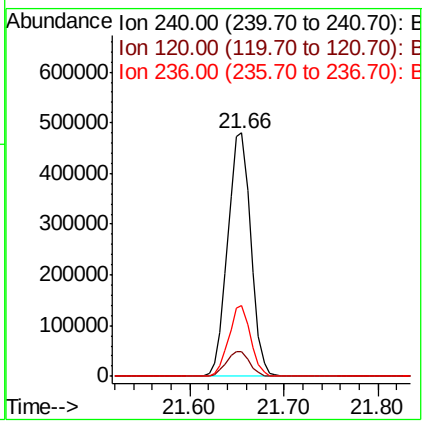


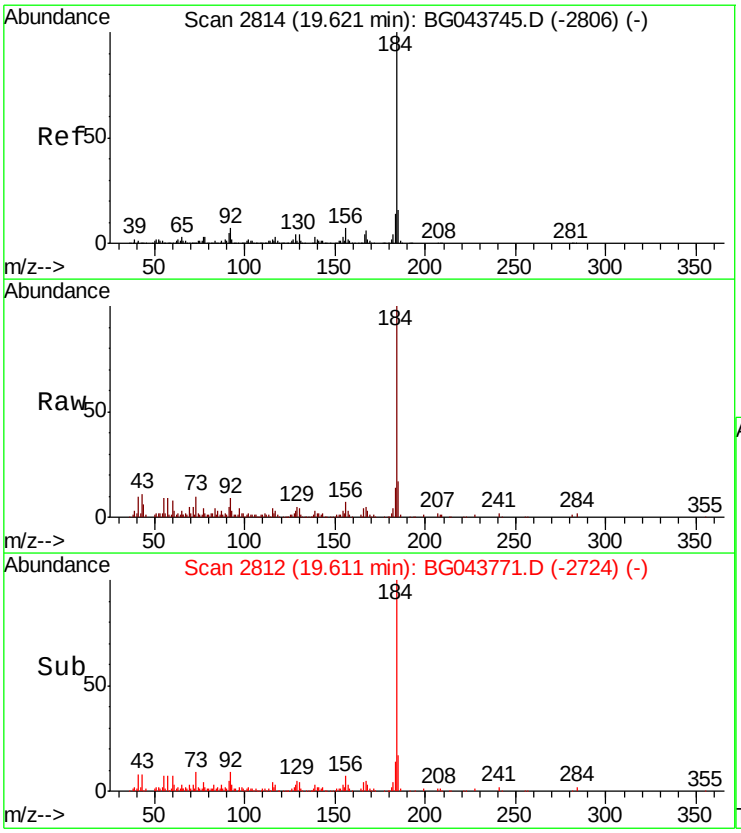
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:240 Resp: 817972

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	28.9	22.6	34.0

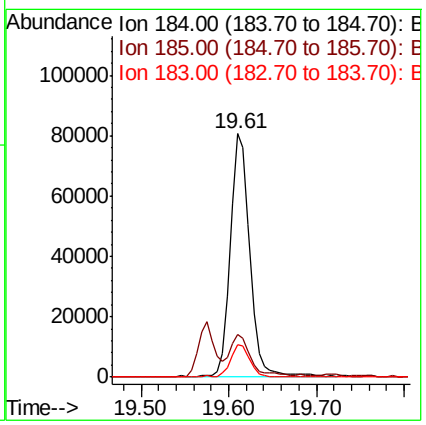


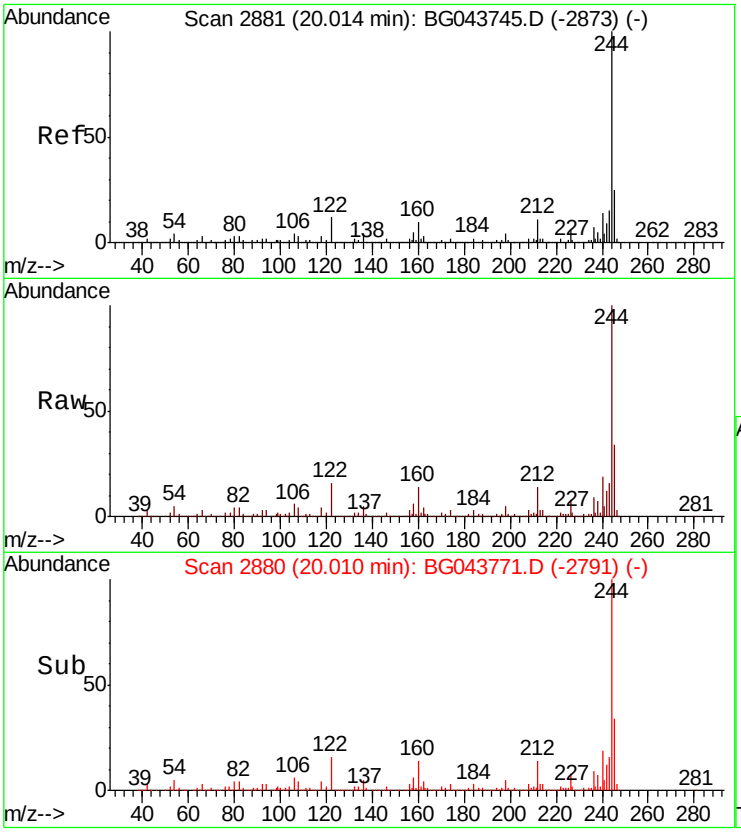


#77
Benzidine
Concen: 5.056 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:184 Resp: 120810

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.8	19.2
183	13.5	11.3	16.9



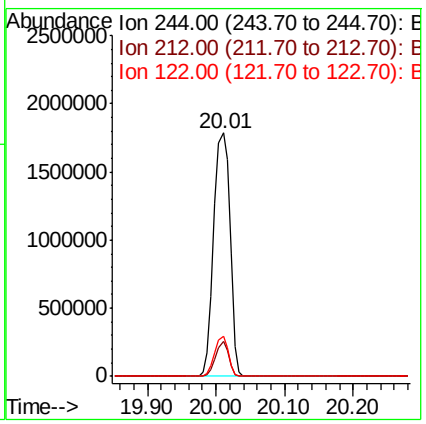


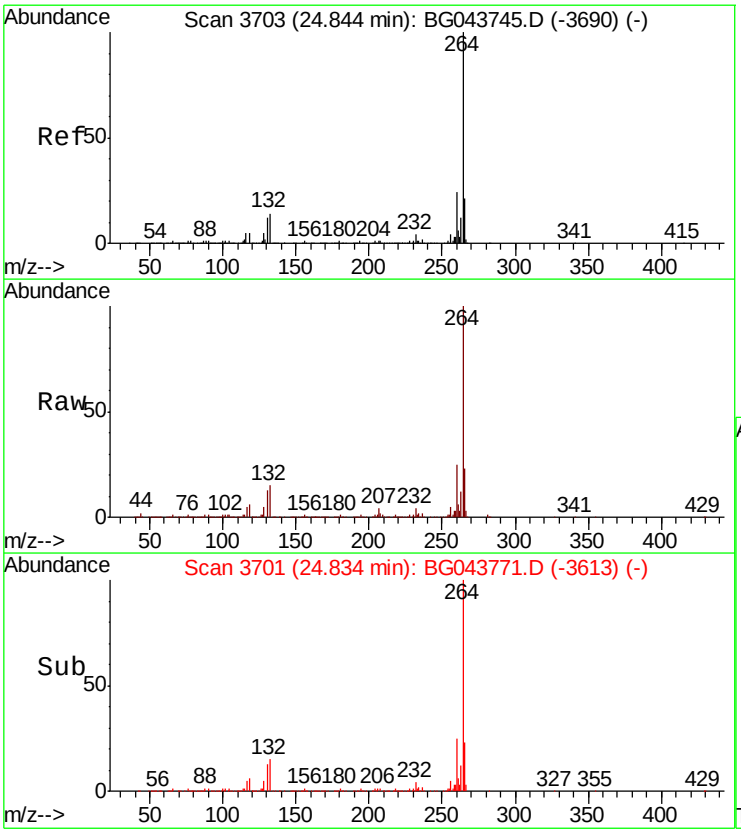
#79
Terphenyl-d14
Concen: 81.445 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:244 Resp: 2948261

Ion	Ratio	Lower	Upper
244	100		
212	14.1	8.5	12.7#
122	16.4	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:264 Resp: 752630

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.6	17.0	25.6