Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
Data File : BG046494.D
Acq On : 1 Sep 2020 21:29
Operator : CG/JU
Sample : L3849-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 209

Quant Time: Sep 02 00:29:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62659	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	253823	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	181102	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	480094	20.00	ng	0.00
76) Chrysene-d12	21.55	240	510782	20.00	ng	0.00
86) Perylene-d12	24.65	264	528135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	405559	114.64	ng	0.00
7) Phenol-d6	7.10	99	497695	99.24	ng	0.00
23) Nitrobenzene-d5	9.08	82	383491	86.35	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	322482	131.42	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	959618	80.89	ng	0.00
79) Terphenyl-d14	19.92	244	1765297	73.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	8048	5.468	ng	# 1
19) n-Nitroso-di-n-propylamine	9.09	70	48497	16.167	ng	# 74
32) Benzoic acid	10.19	122	54	4.497	ng	# 57
51) 2,6-Dinitrotoluene	14.56	165	24707	8.000	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	24707	5.610	ng	# 34
67) 4-Bromophenyl-phenylether	16.05	248	24889	4.444	ng	# 1
77) Benzidine	19.92	184	28406	2.393	ng	# 81

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

Quantitation Report (Not Reviewed)

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Acq On : 1 Sep 2020 21:29
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QLast Update : Mon Aug 31 16:05:33 2020
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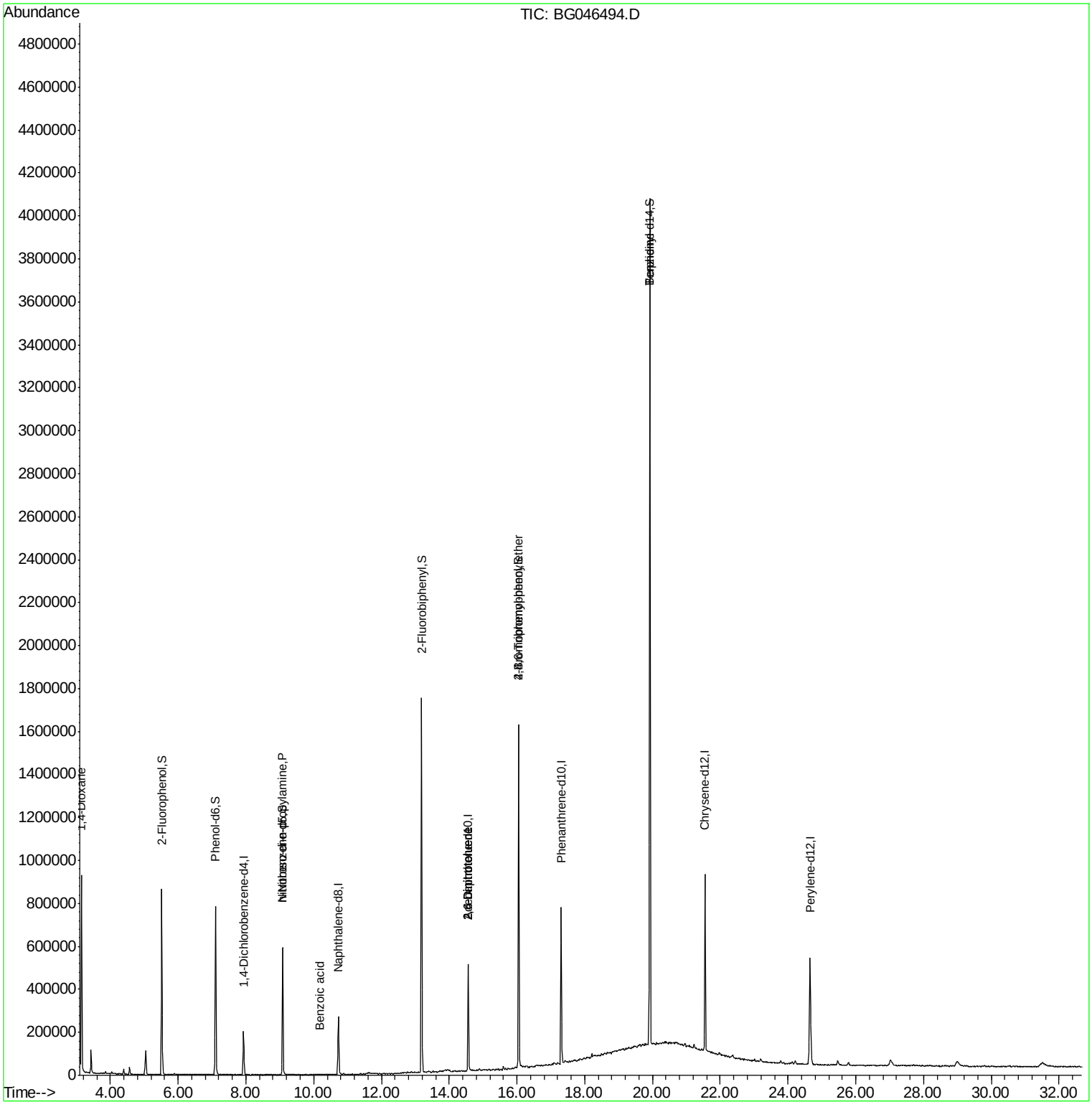
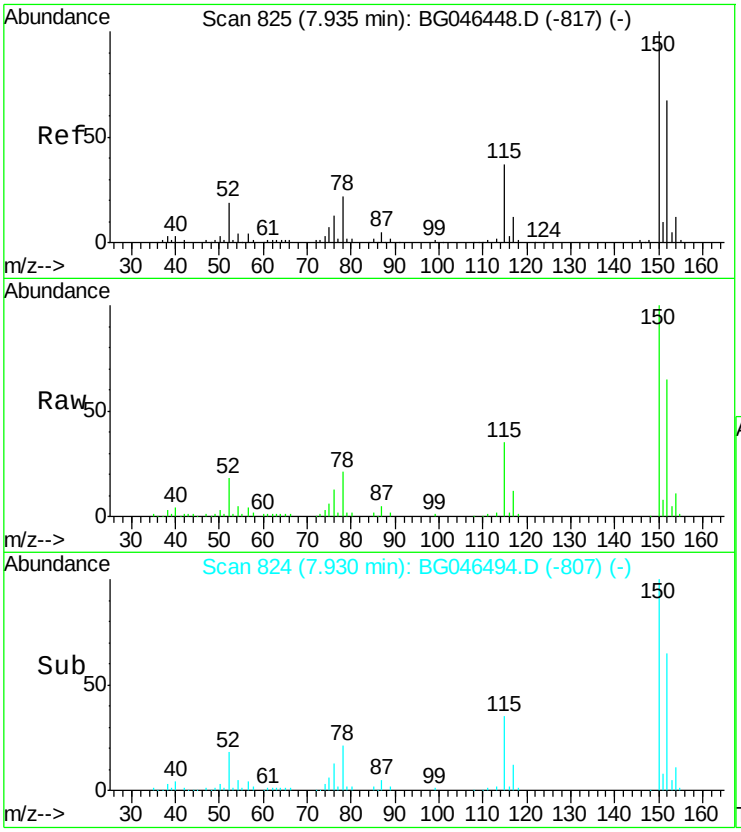


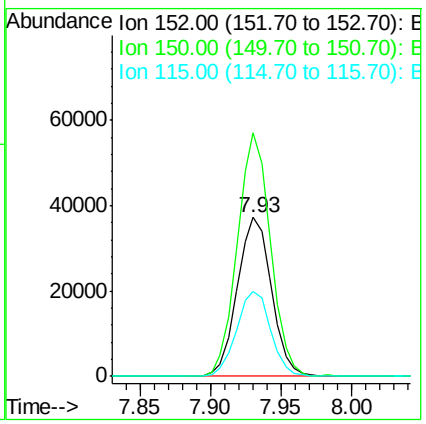


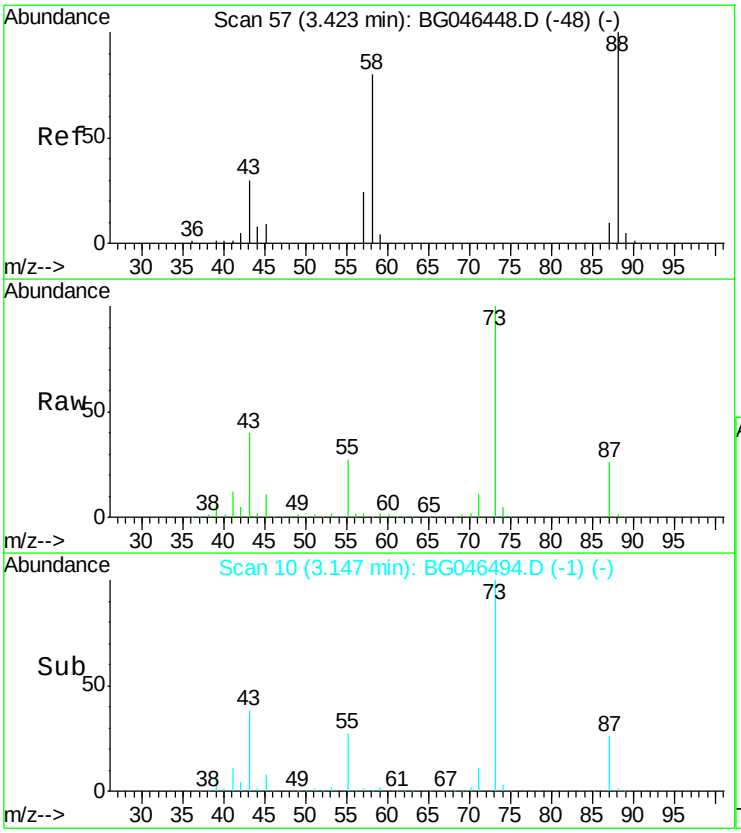
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:152 Resp: 62659

Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.5	179.3
115	53.6	44.3	66.5

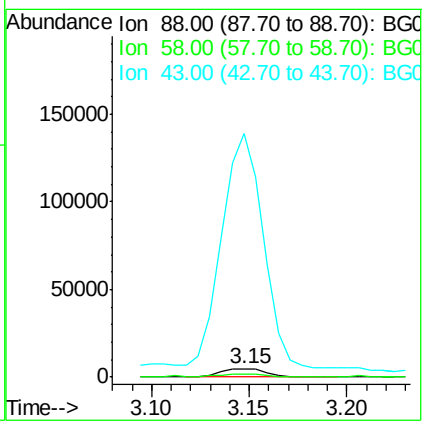


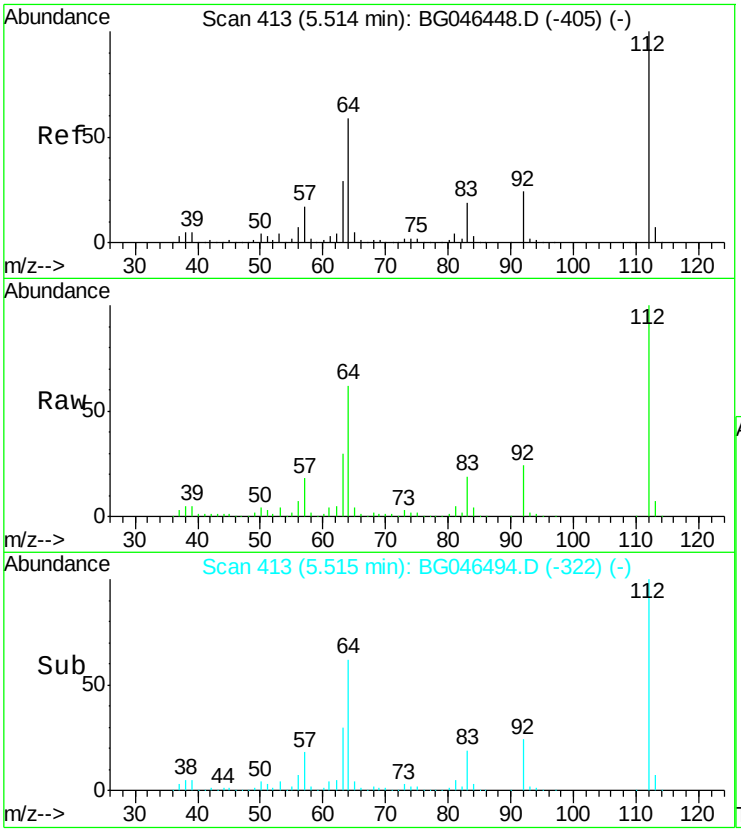


#2
1,4-Dioxane
Concen: 5.468 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.27 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion: 88 Resp: 8048

Ion	Ratio	Lower	Upper
88	100		
58	31.1	61.4	92.2#
43	2602.0	21.6	32.4#



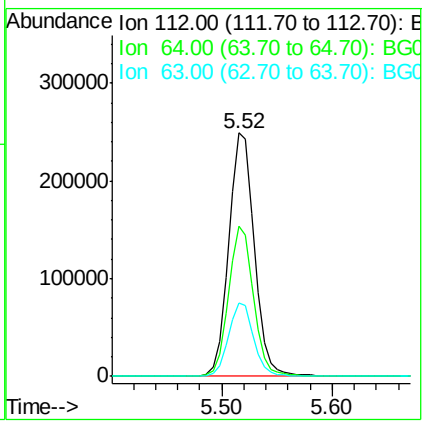


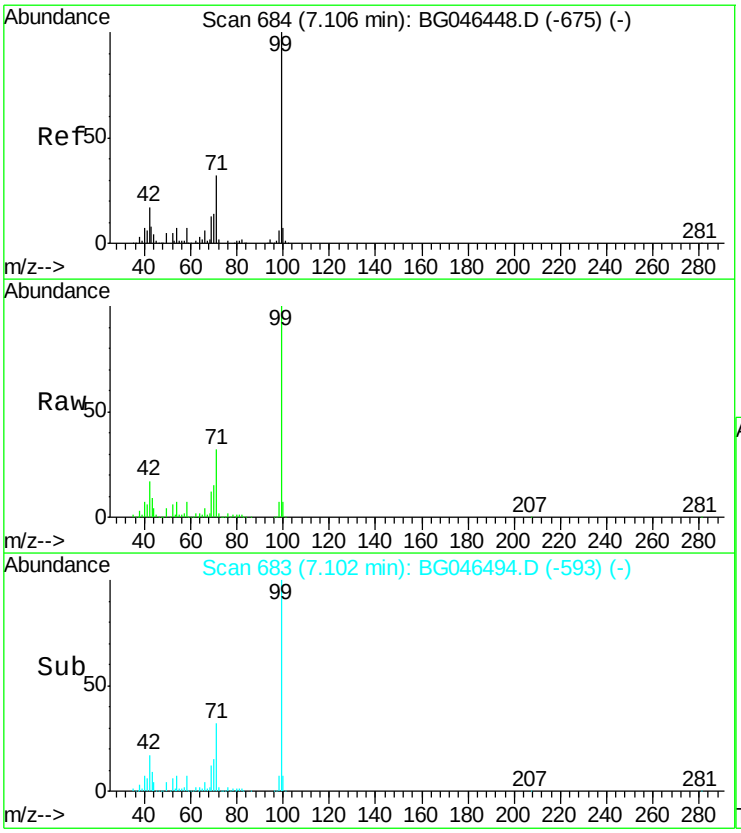
#5
2-Fluorophenol
Concen: 114.640 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:112 Resp: 405559

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.0	70.6
63	30.3	23.5	35.3

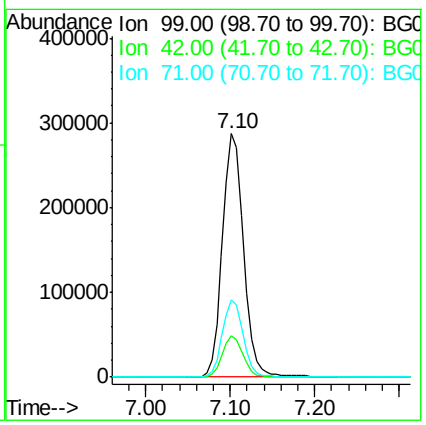


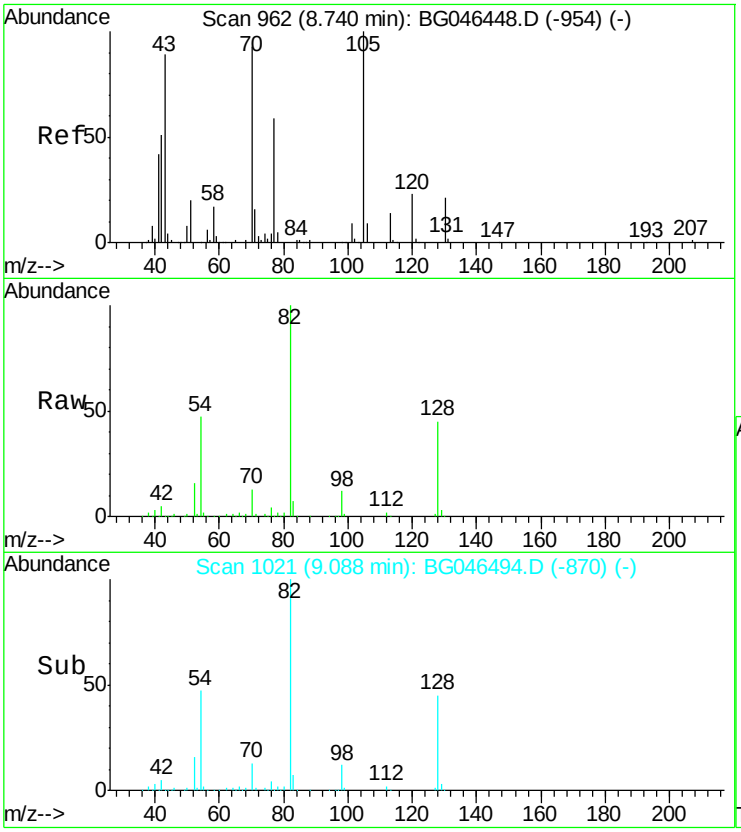


#7
Phenol-d6
Concen: 99.240 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion: 99 Resp: 497695

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.3	19.9
71	31.6	25.3	37.9



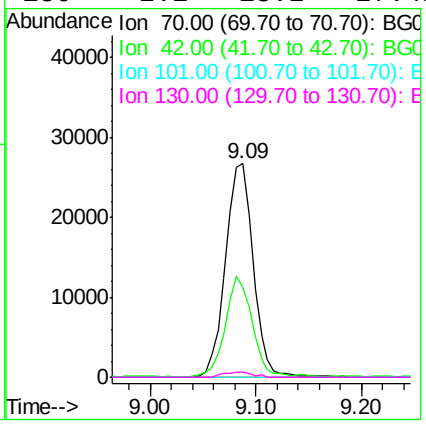


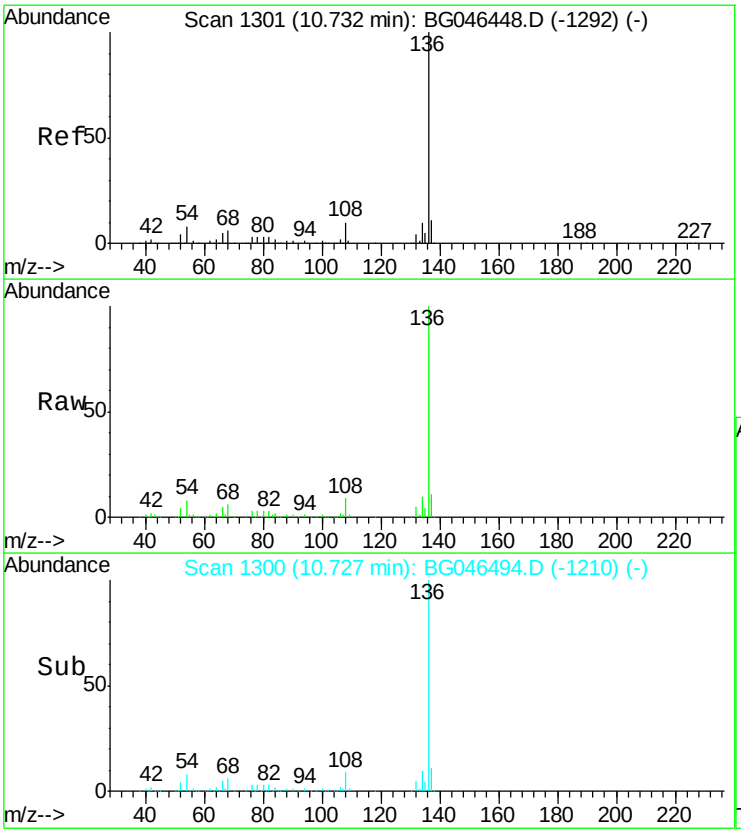
#19
n-Nitroso-di-n-propylamine
Concen: 16.167 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion: 70 Resp: 48497

Ion	Ratio	Lower	Upper
70	100		
42	42.0	44.2	66.2#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#

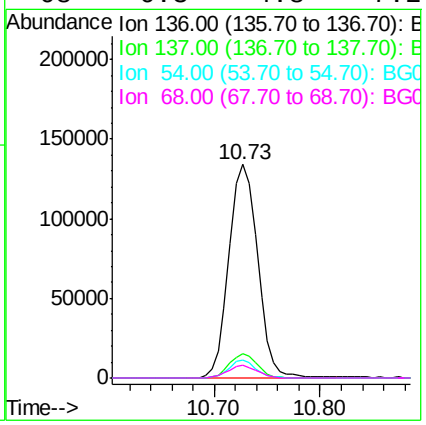


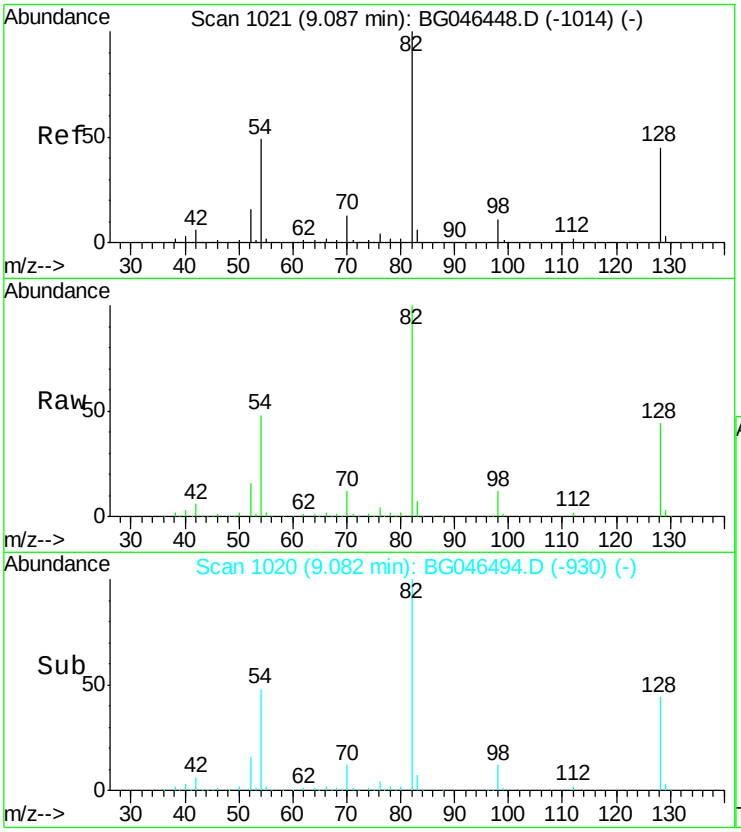


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion:136 Resp: 253823

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.2	6.1	9.1
68	6.3	4.8	7.2



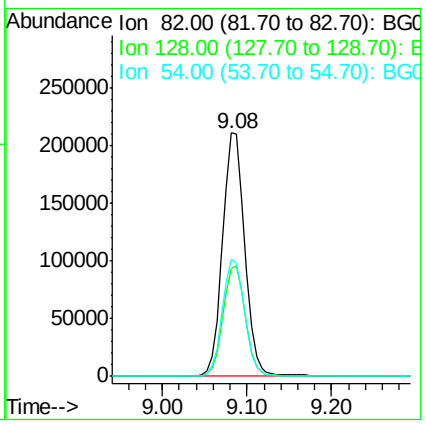


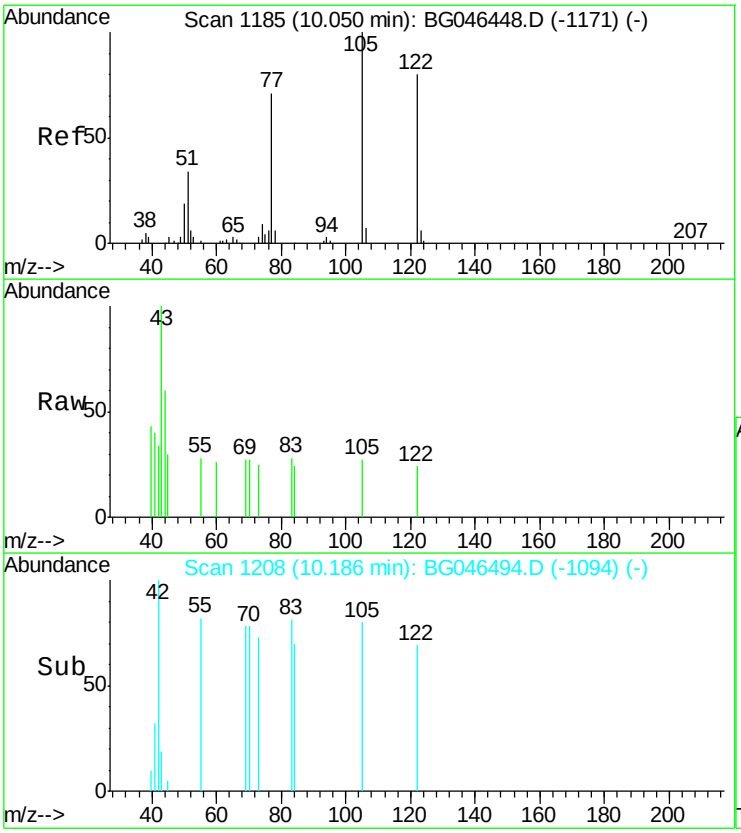
#23
Nitrobenzene-d5
Concen: 86.353 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion: 82 Resp: 383491

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	48.3	39.4	59.0

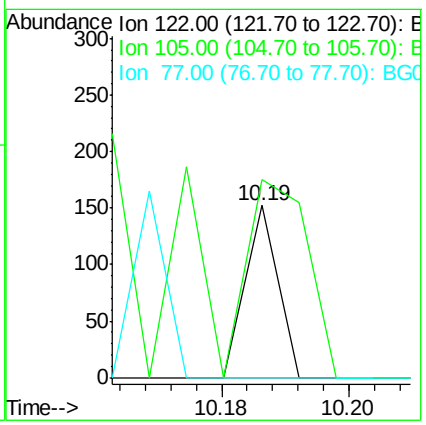


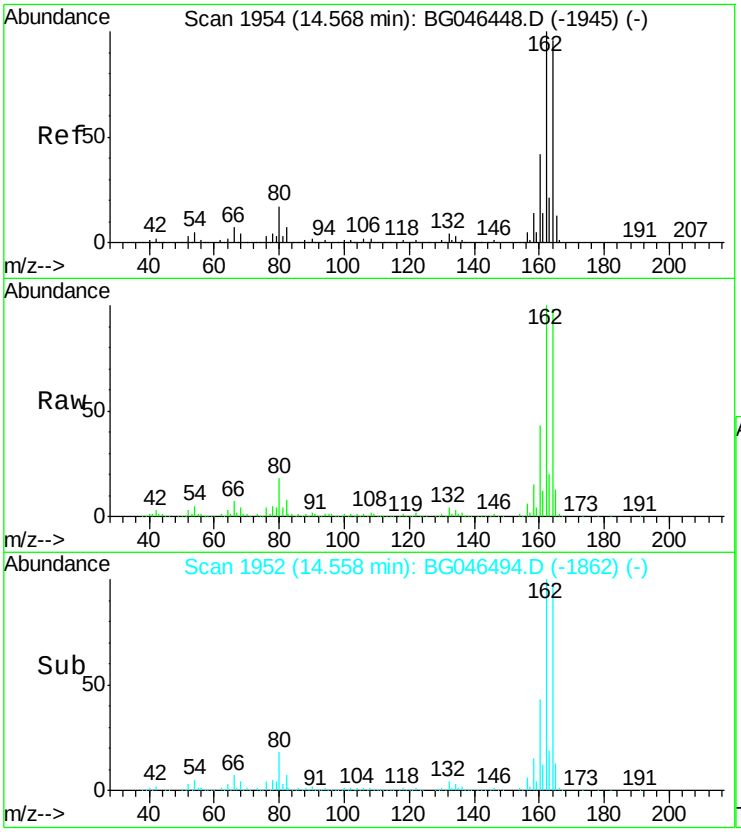


#32
Benzoic acid
Concen: 4.497 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.14 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	115.1	102.5	142.5
77	0.0	68.2	108.2#



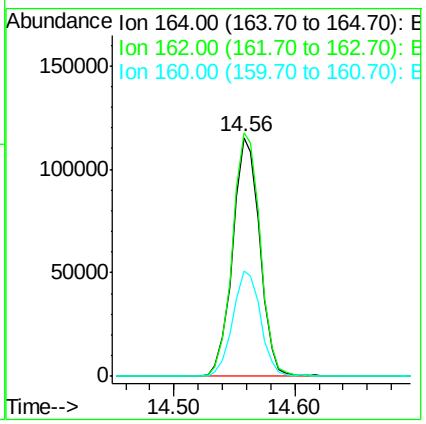


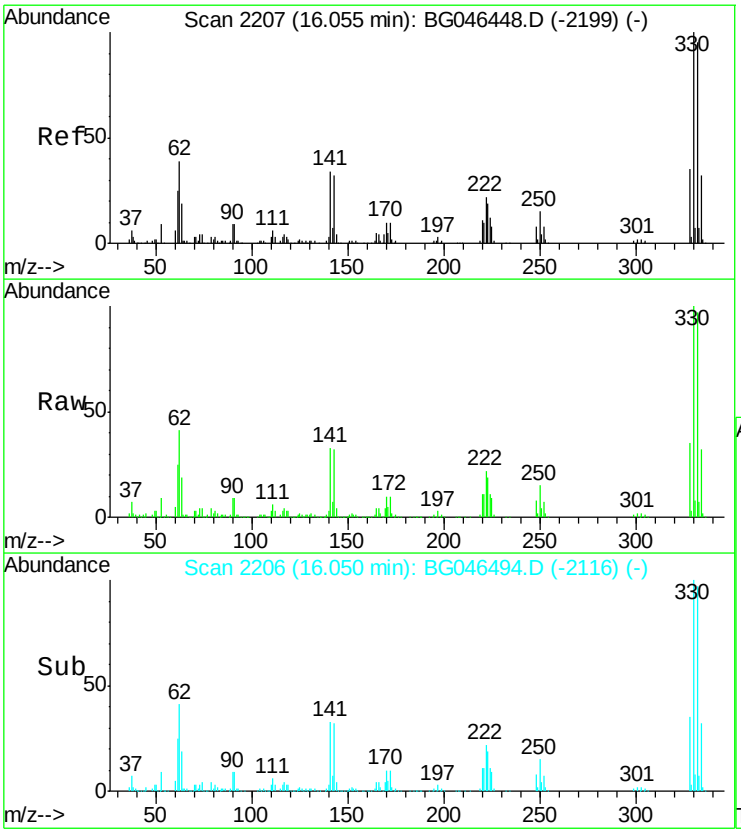
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:164 Resp: 181102

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.3	124.9
160	44.2	35.0	52.6

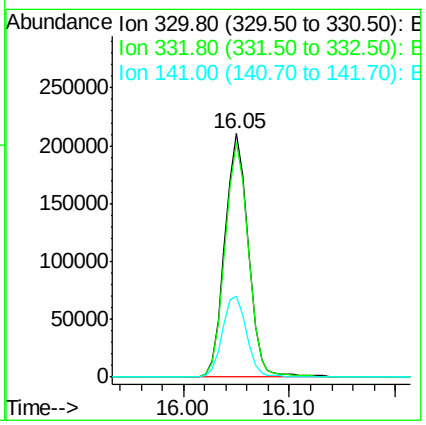


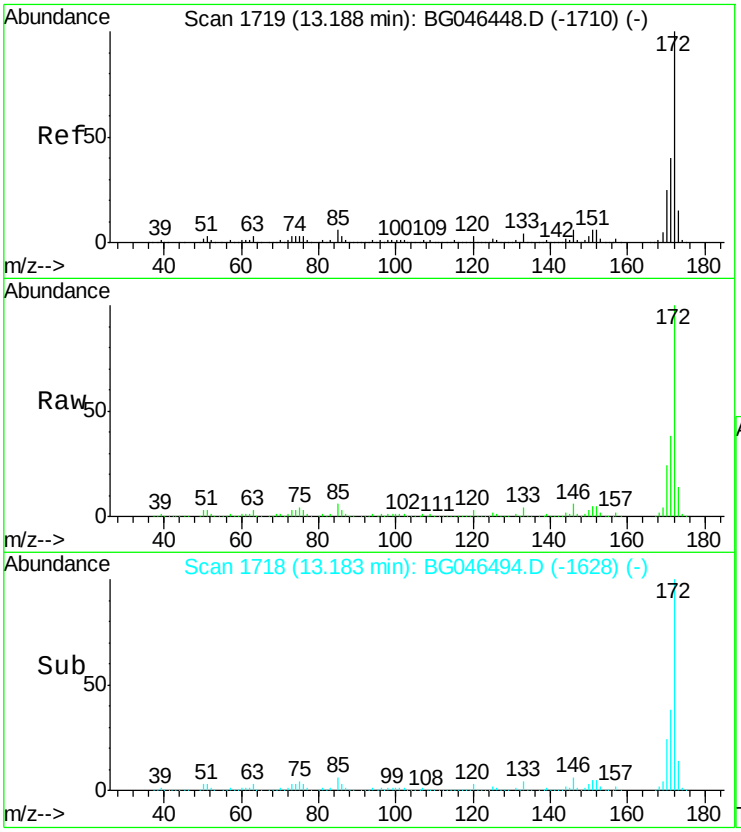


#42
2,4,6-Tribromophenol
Concen: 131.421 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion:330 Resp: 322482

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.1	114.1
141	34.9	26.1	39.1



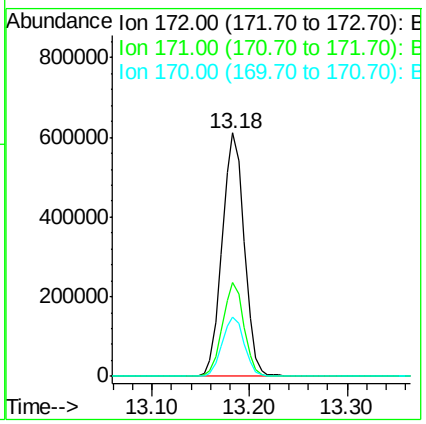


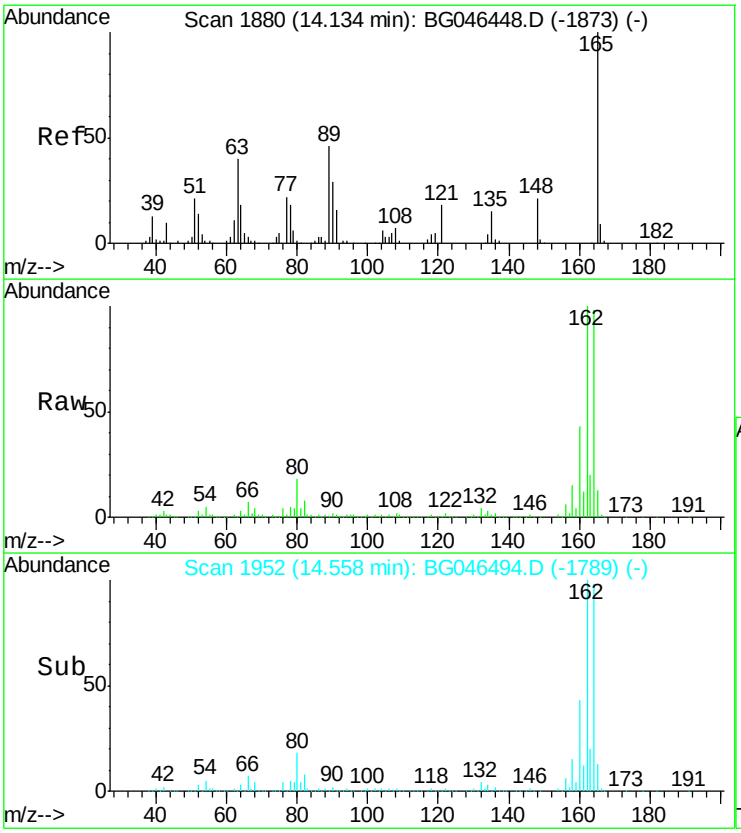
#45
2-Fluorobiphenyl
Concen: 80.889 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:172 Resp: 959618

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	24.4	20.3	30.5

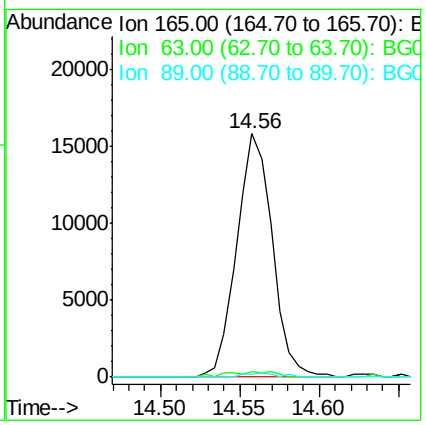


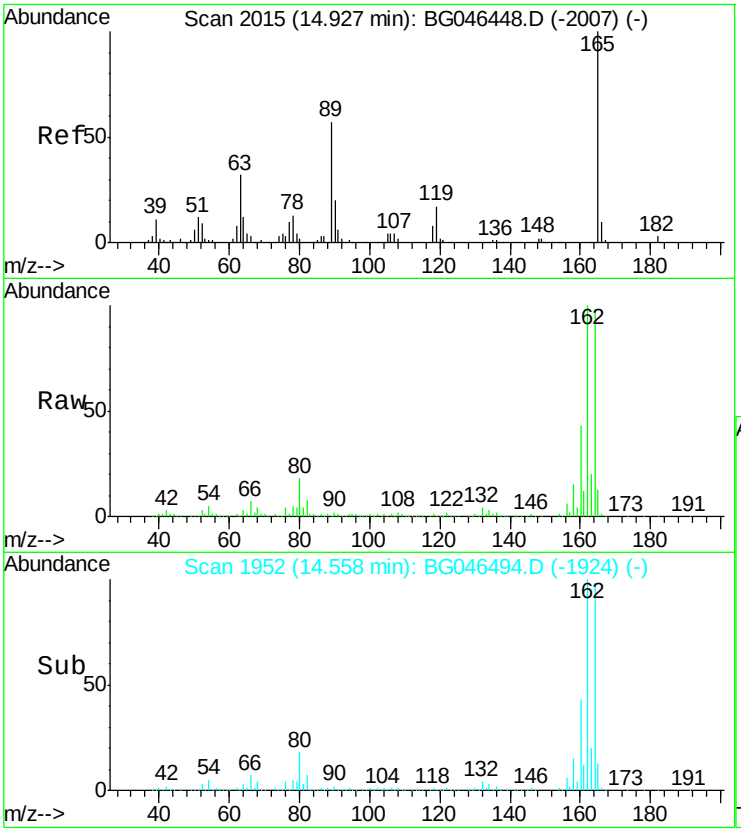


#51
2,6-Dinitrotoluene
Concen: 8.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.43 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion:165 Resp: 24707

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.2	51.4#
89	1.3	37.0	55.4#



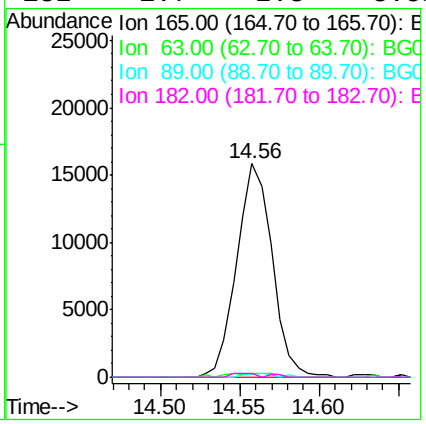


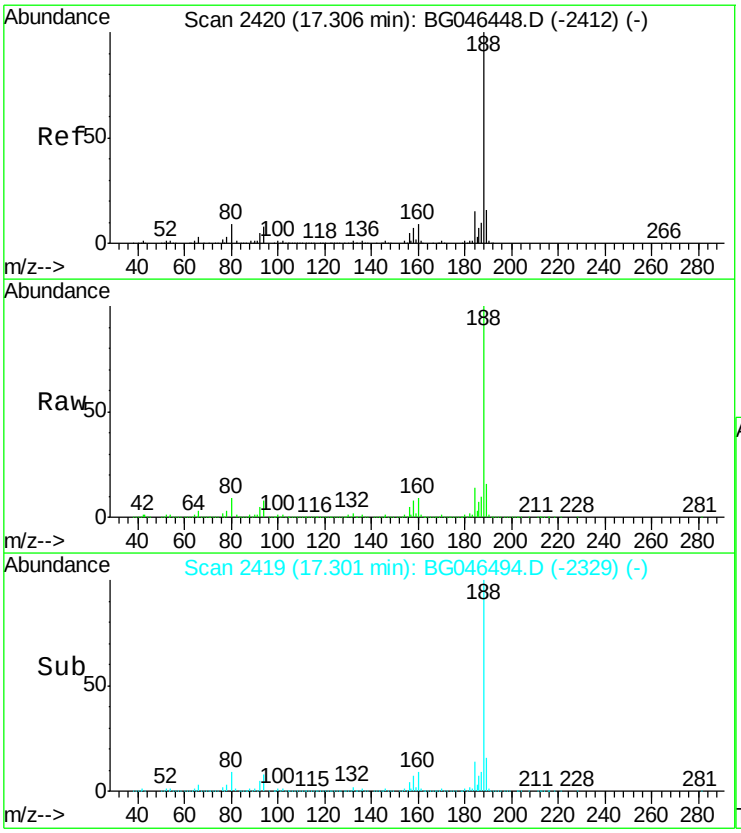
#57
2,4-Dinitrotoluene
Concen: 5.610 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.37 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:165 Resp: 24707

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.3	45.9	68.9#
182	1.7	2.3	3.5#

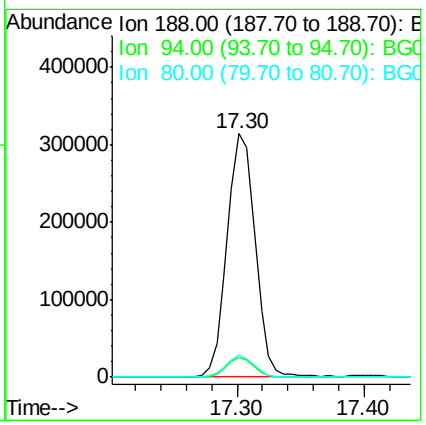


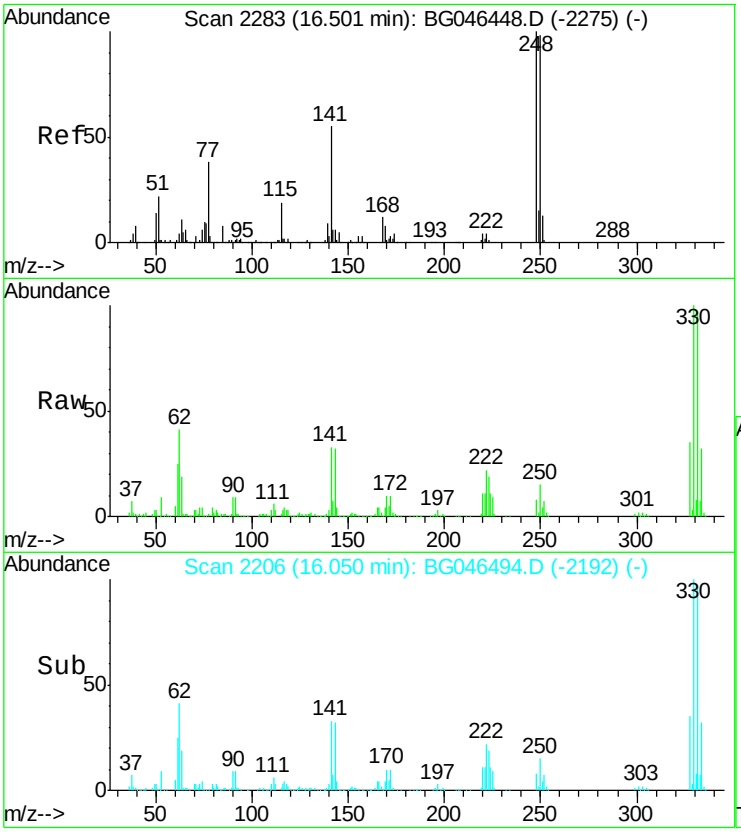


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion:188 Resp: 480094

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.3	9.5
80	9.0	6.9	10.3



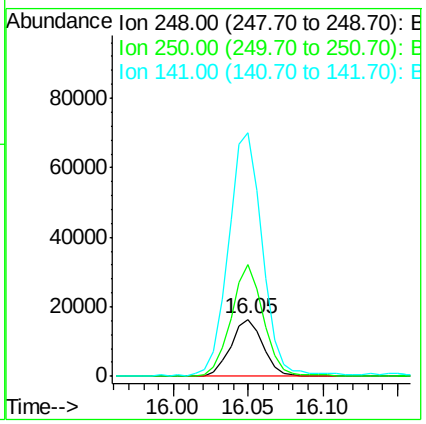


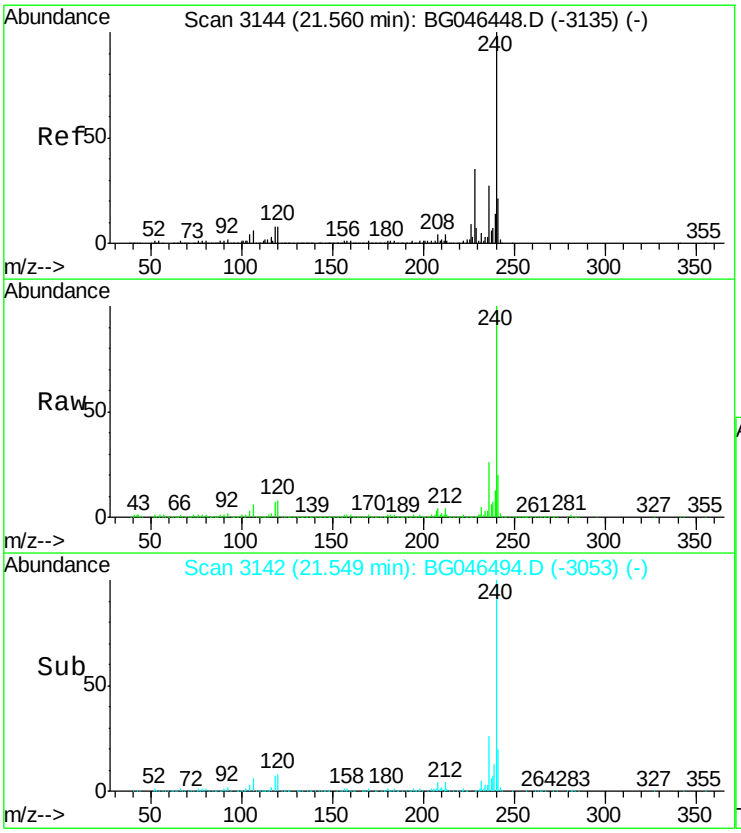
#67
4-Bromophenyl-phenylether
Concen: 4.444 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:248 Resp: 24889

Ion	Ratio	Lower	Upper
248	100		
250	196.3	78.6	118.0#
141	428.5	43.9	65.9#

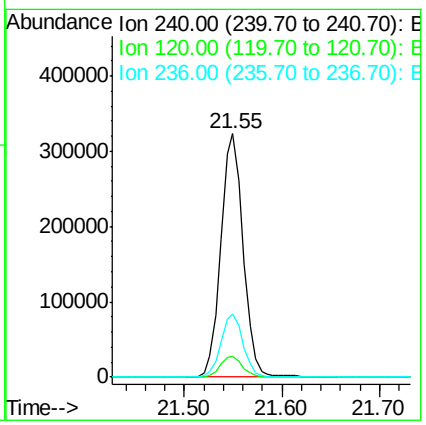


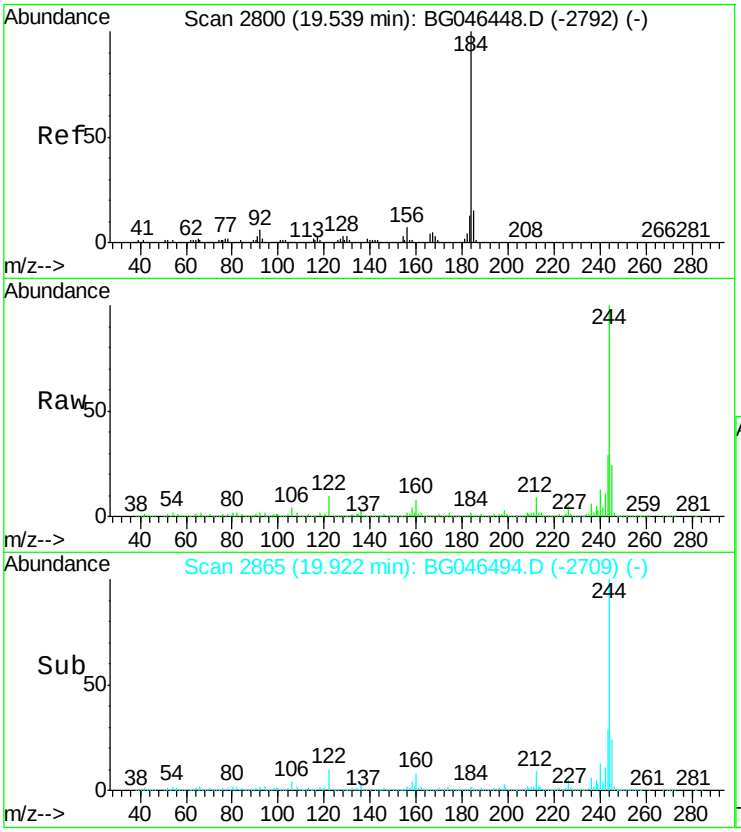


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion:240 Resp: 510782

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	26.0	21.4	32.2



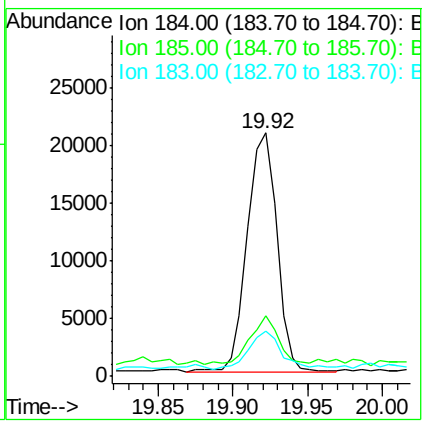


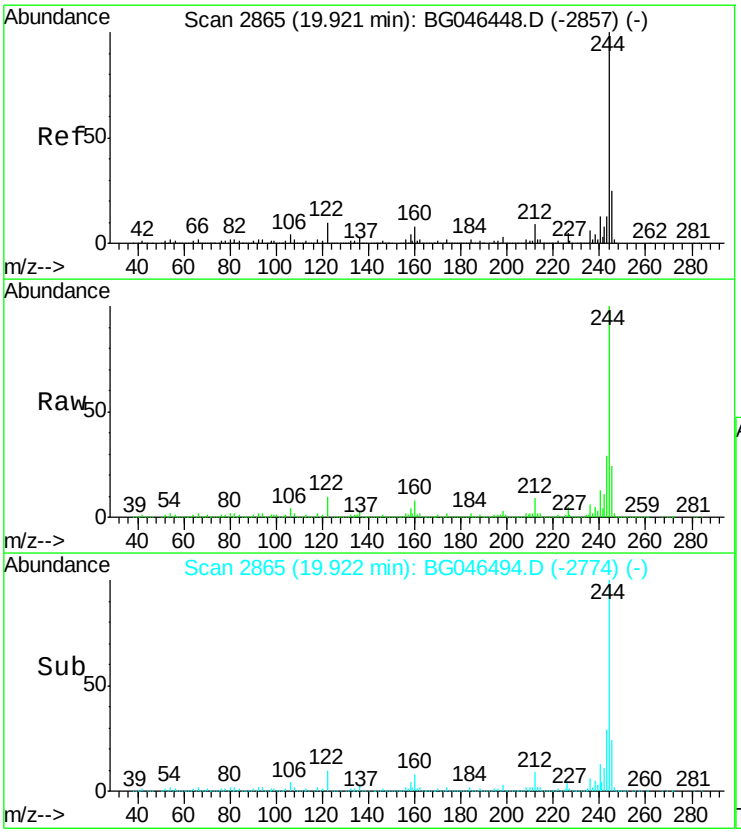
#77
Benzidine
Concen: 2.393 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.39 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:184 Resp: 28406

Ion	Ratio	Lower	Upper
184	100		
185	25.0	11.8	17.8#
183	18.5	10.7	16.1#

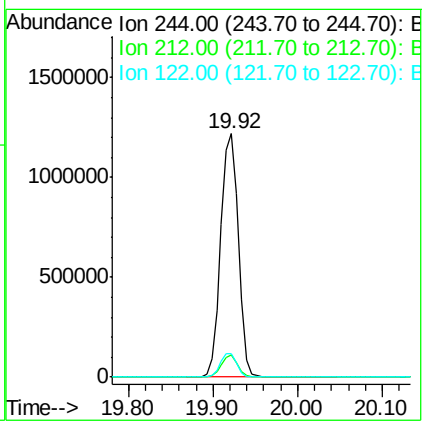


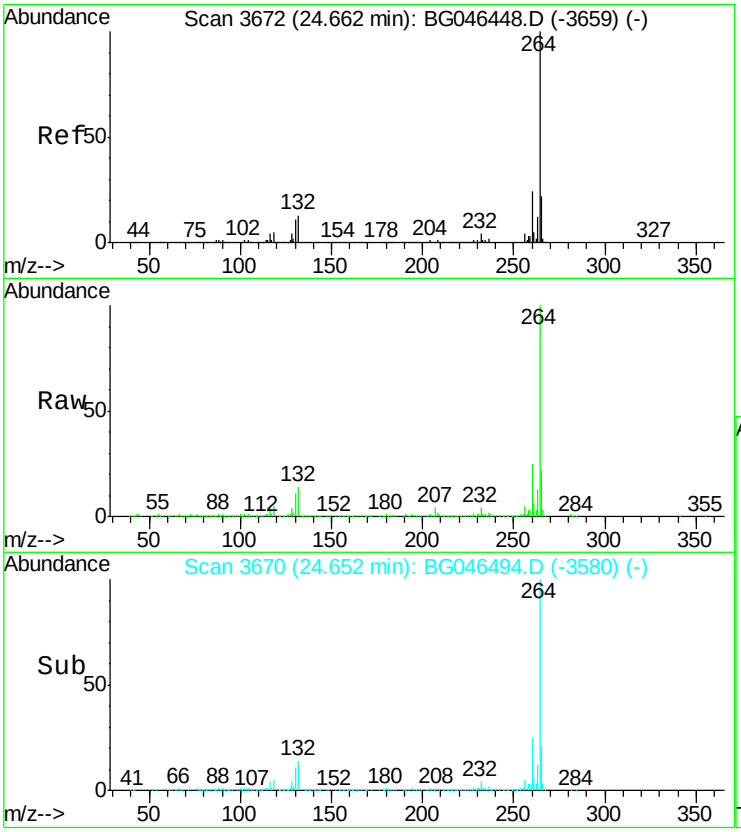


#79
Terphenyl-d14
Concen: 73.551 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Tgt Ion:244 Resp: 1765297

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	9.8	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046494.D
Acq: 1 Sep 2020 21:29

Instrument :
BNA_G
ClientSampleId :
209

Tgt Ion:264 Resp: 528135

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.6	17.9	26.9