Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090220\
Data File : BG046507.D
Acq On : 2 Sep 2020 17:30
Operator : CG/JU
Sample : L3837-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 789UMR-DSP01-01

Quant Time: Sep 02 18:08:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	58408	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	239669	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	171944	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	486410	20.00	ng	0.00
76) Chrysene-d12	21.55	240	511505	20.00	ng	0.00
86) Perylene-d12	24.65	264	519140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	406235	123.19	ng	0.00
7) Phenol-d6	7.10	99	481909	103.09	ng	0.00
23) Nitrobenzene-d5	9.08	82	399630	95.30	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	339840	145.87	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1010062	89.68	ng	0.00
79) Terphenyl-d14	19.92	244	1980681	82.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	6457	4.706	ng	# 1
19) n-Nitroso-di-n-propylamine	9.09	70	51724	18.497	ng	# 79
51) 2,6-Dinitrotoluene	14.56	165	22791	7.772	ng	# 32
57) 2,4-Dinitrotoluene	14.56	165	22791	5.451	ng	# 32
67) 4-Bromophenyl-phenylether	16.05	248	26803	4.723	ng	# 1
77) Benzidine	19.92	184	33023	2.778	ng	# 94

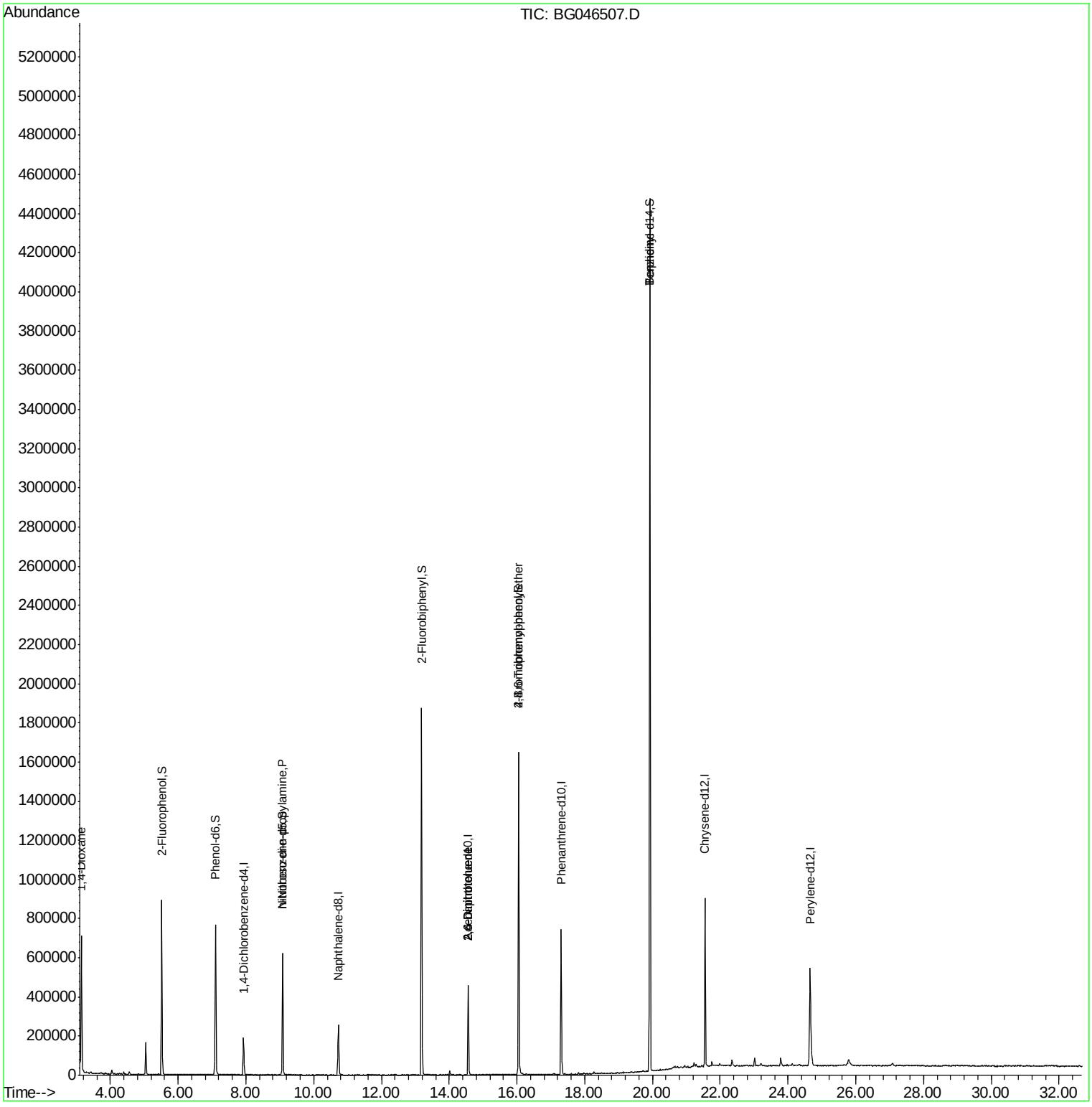
(#) = qualifier out of range (m) = manual integration (+) = signals summed

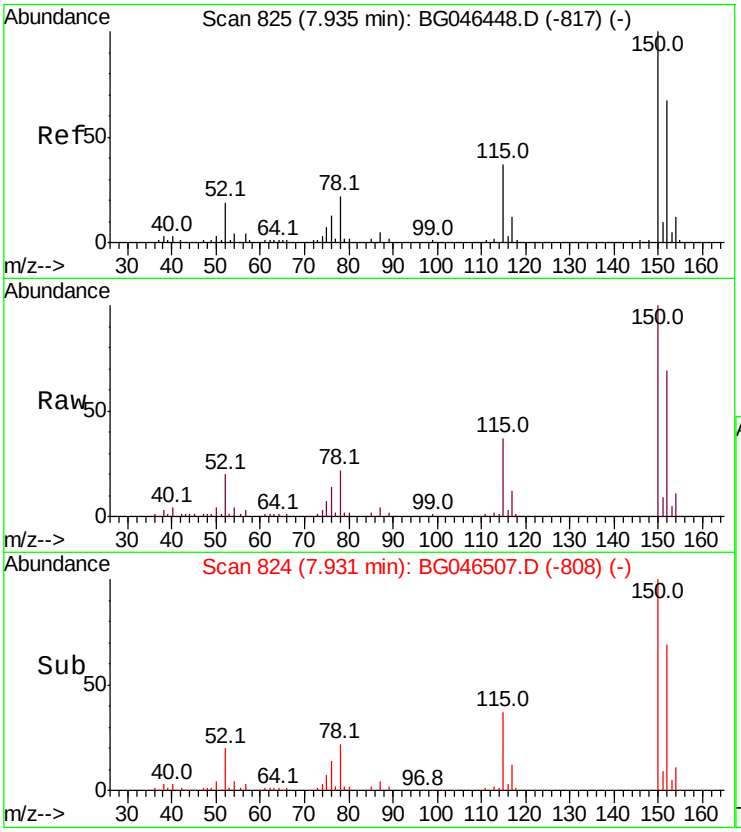
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090220\
Data File : BG046507.D
Acq On : 2 Sep 2020 17:30
Operator : CG/JU
Sample : L3837-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 789UMR-DSP01-01

Quant Time: Sep 02 18:08:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration



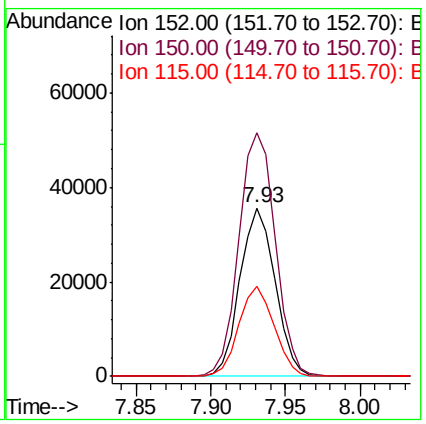


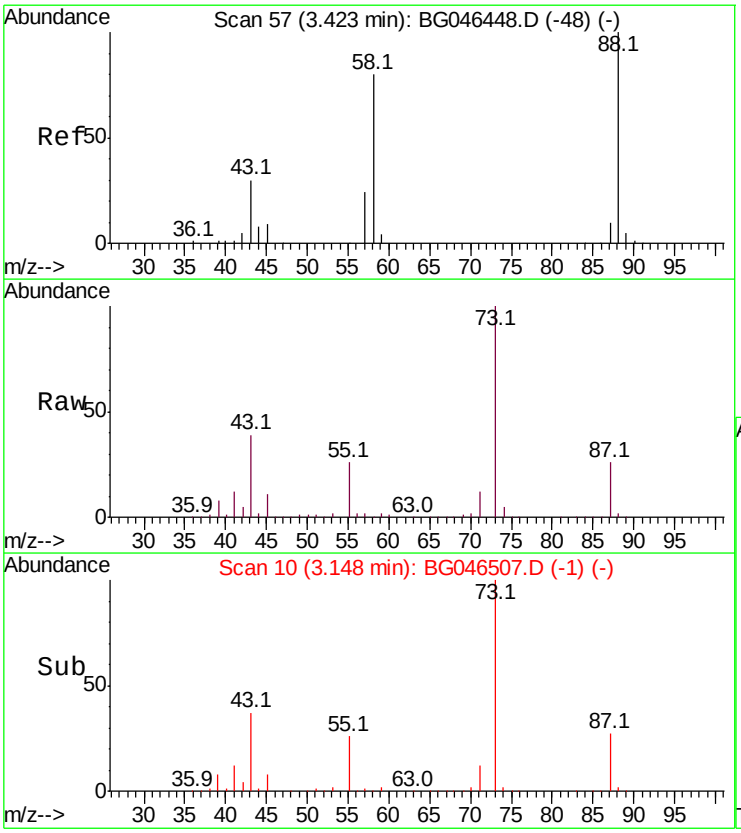
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion:152 Resp: 58408

Ion	Ratio	Lower	Upper
152	100		
150	144.4	119.5	179.3
115	53.5	44.3	66.5

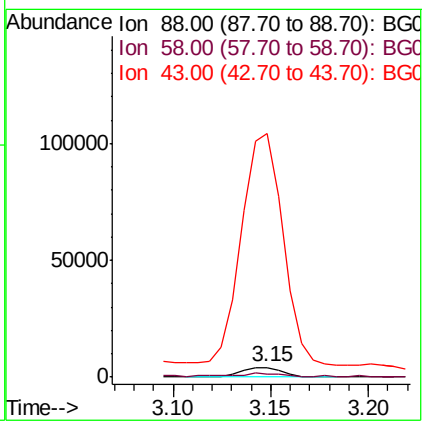


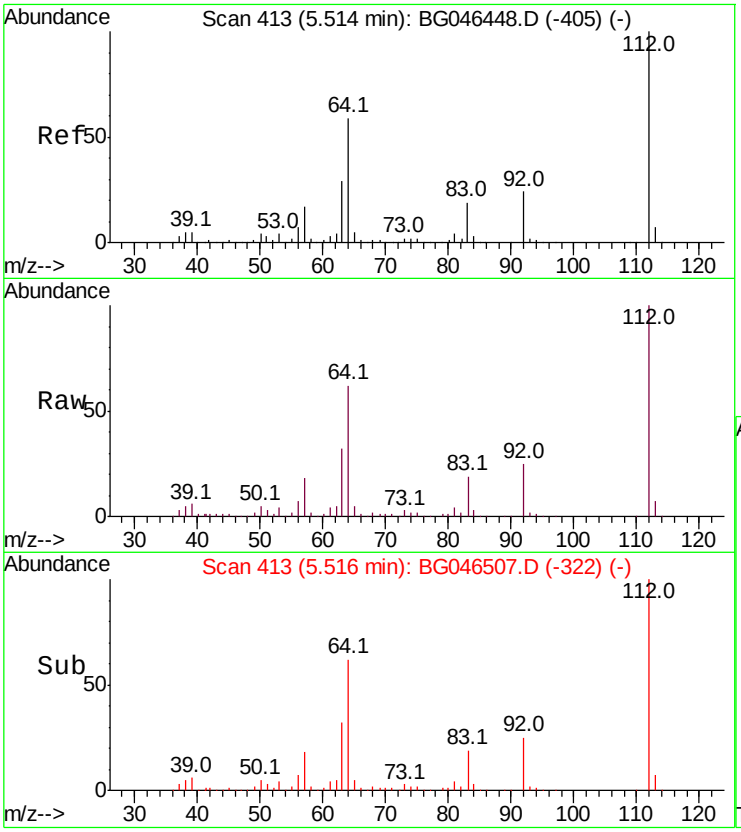


#2
1,4-Dioxane
Concen: 4.706 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.27 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion: 88 Resp: 6457

Ion	Ratio	Lower	Upper
88	100		
58	30.4	61.4	92.2#
43	2281.4	21.6	32.4#



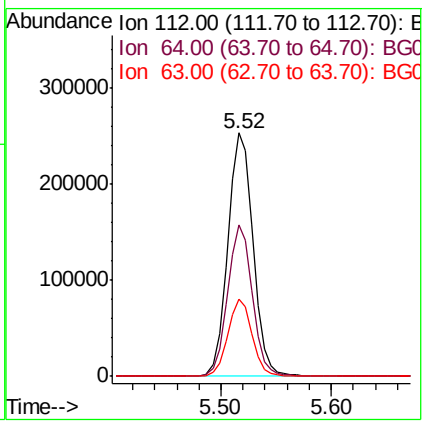


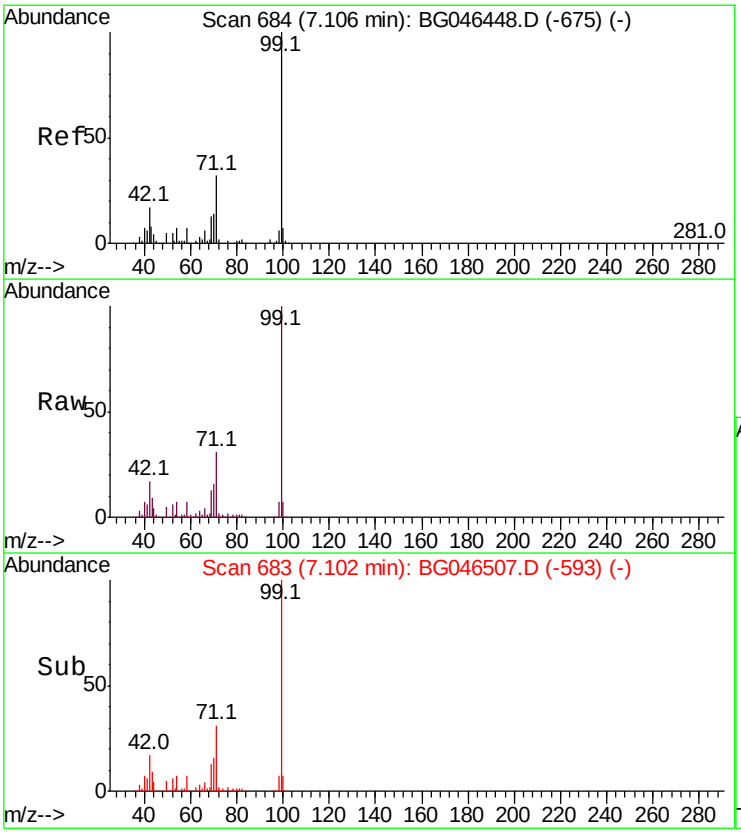
#5
2-Fluorophenol
Concen: 123.188 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion:112 Resp: 406235

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.0	70.6
63	31.6	23.5	35.3

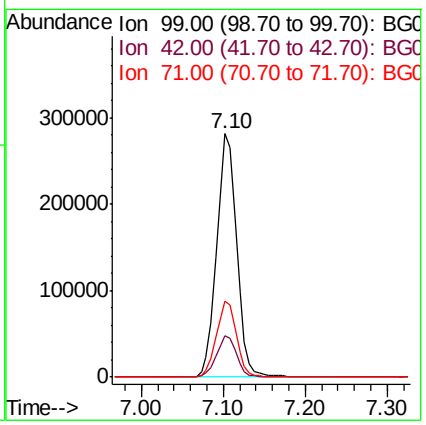


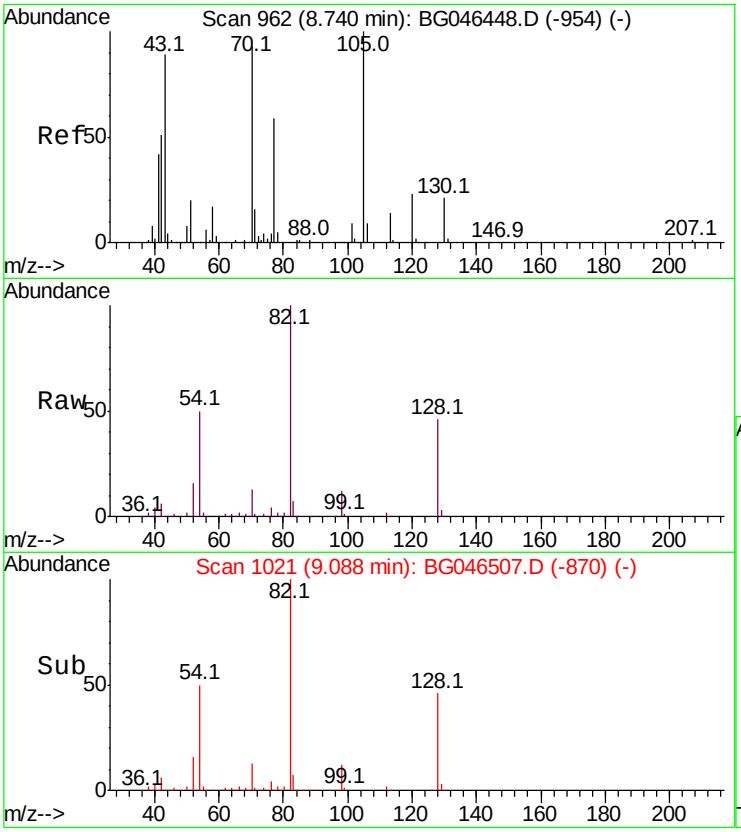


#7
Phenol-d6
Concen: 103.086 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion: 99 Resp: 481909

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.3	19.9
71	31.2	25.3	37.9



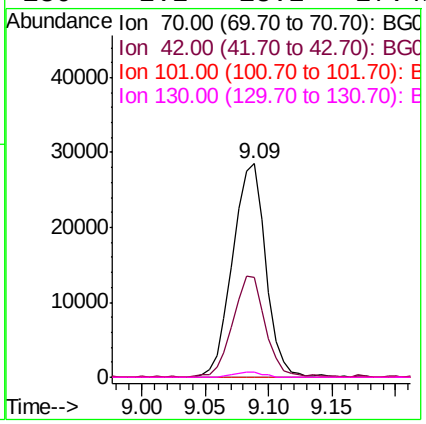


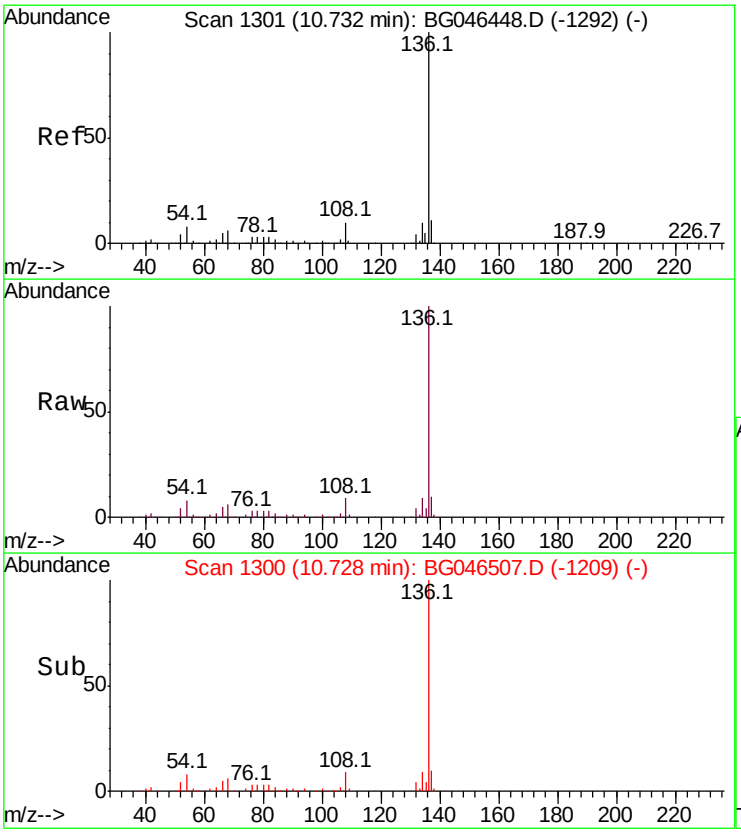
#19
n-Nitroso-di-n-propylamine
Concen: 18.497 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.35 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion: 70 Resp: 51724

Ion	Ratio	Lower	Upper
70	100		
42	46.9	44.2	66.2
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#

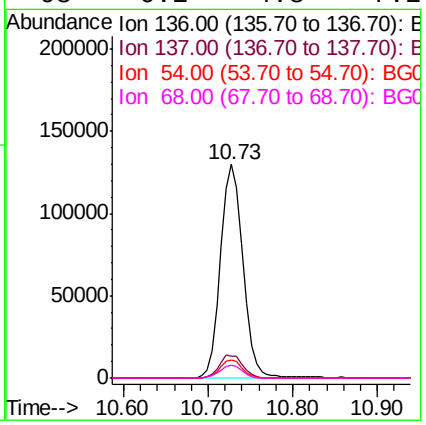


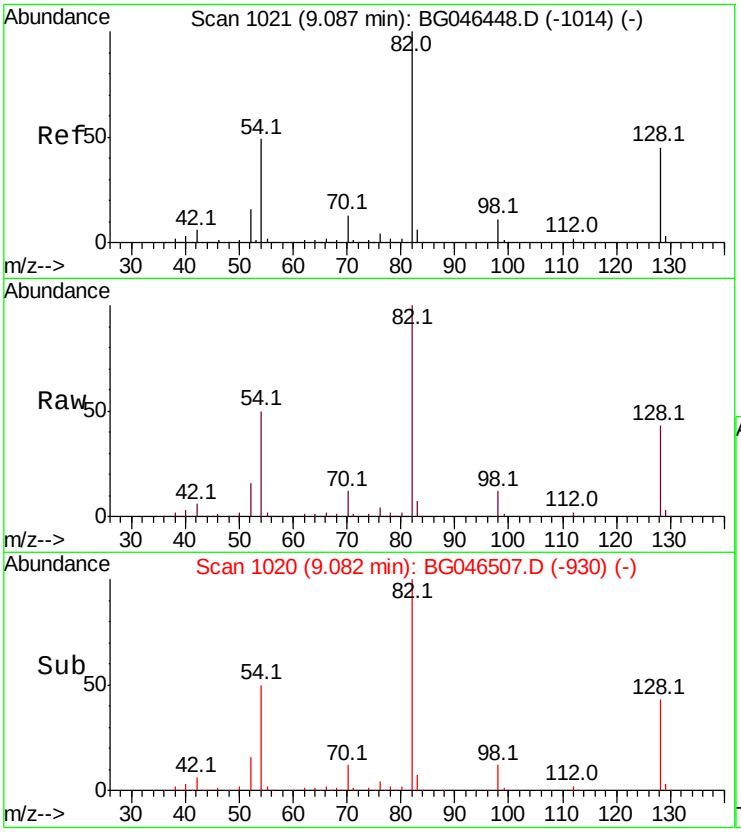


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion:136 Resp: 239669

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.2	6.1	9.1
68	6.2	4.8	7.2



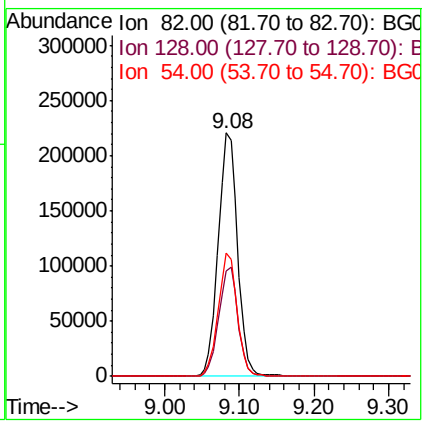


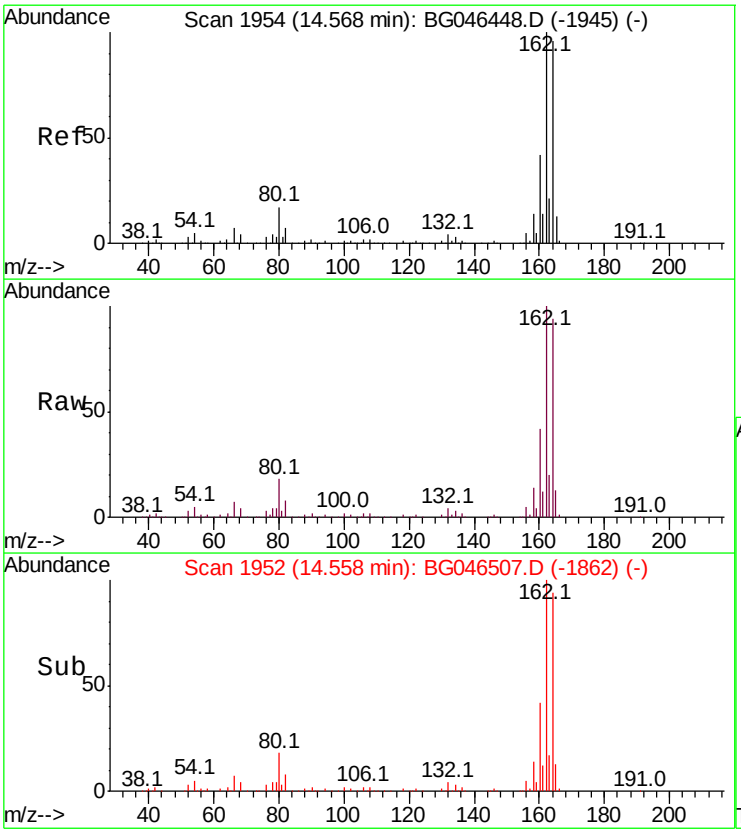
#23
Nitrobenzene-d5
Concen: 95.302 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion: 82 Resp: 399630

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	50.4	39.4	59.0

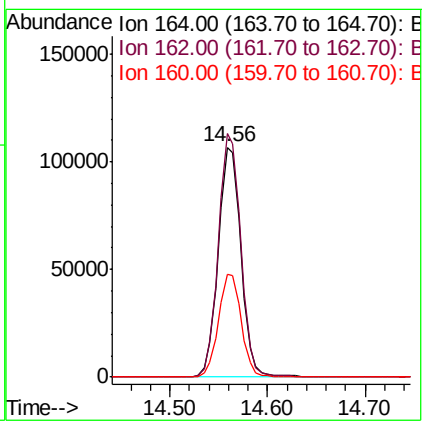


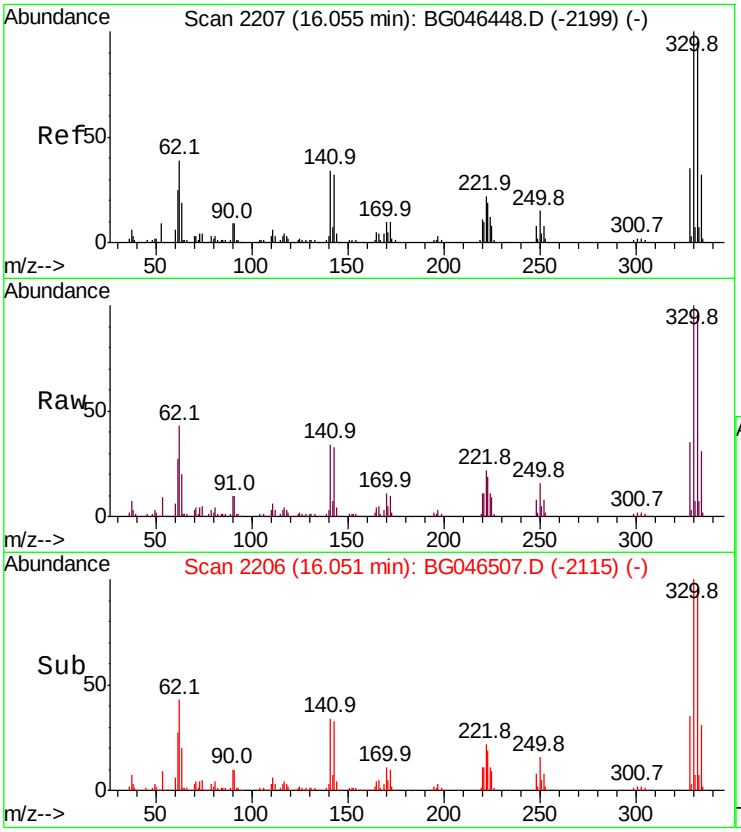


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion:164 Resp: 171944

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.3	124.9
160	44.9	35.0	52.6



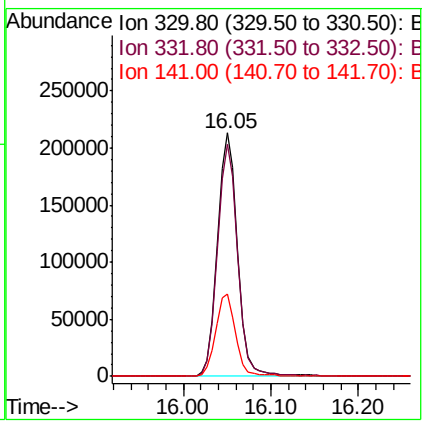


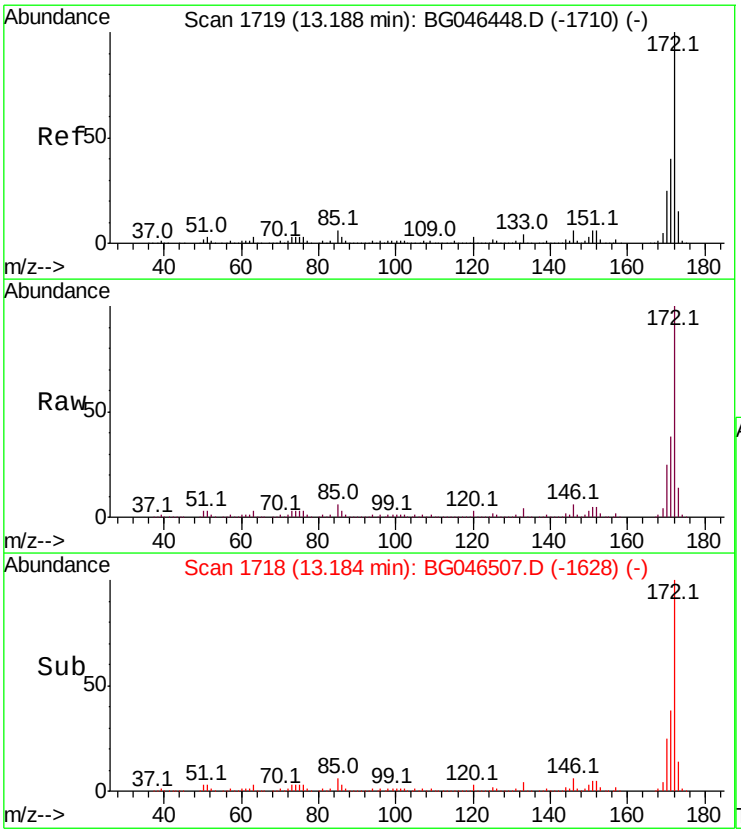
#42
2,4,6-Tribromophenol
Concen: 145.872 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion:330 Resp: 339840

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	33.8	26.1	39.1

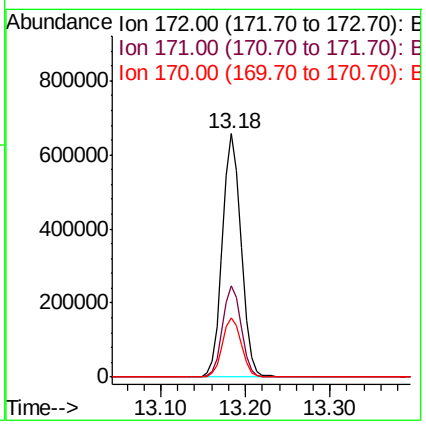


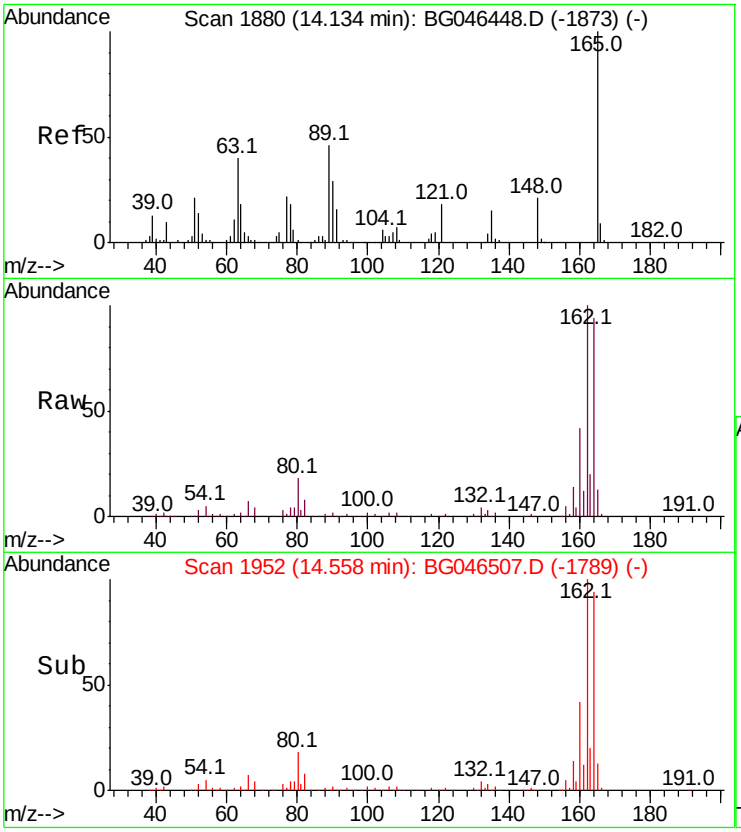


#45
2-Fluorobiphenyl
Concen: 89.676 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion:172 Resp: 1010062

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.8	47.6
170	24.6	20.3	30.5



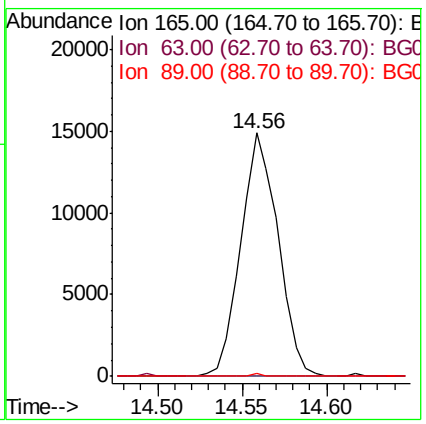


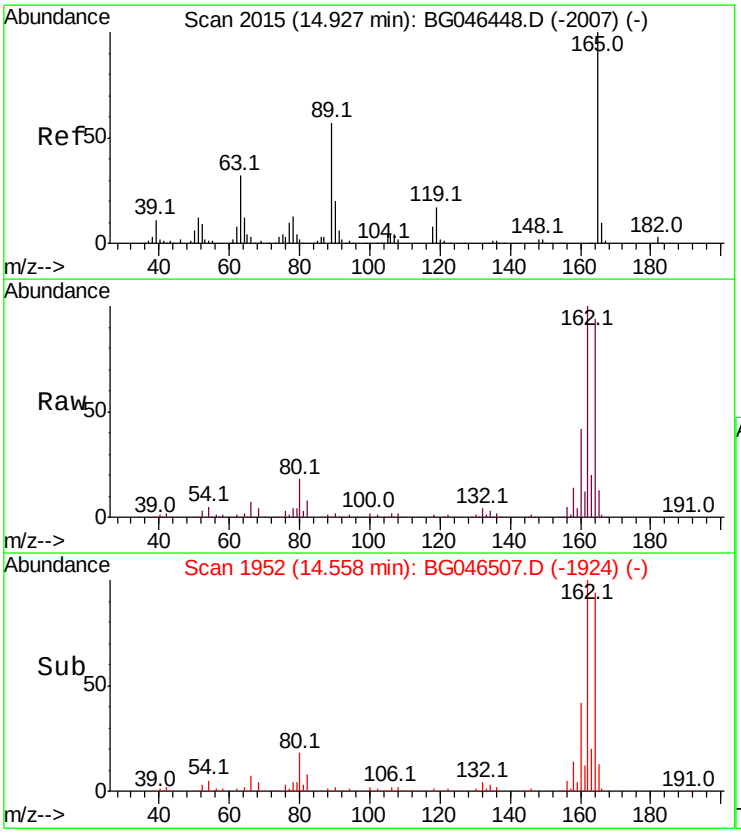
#51
2,6-Dinitrotoluene
Concen: 7.772 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.42 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion:165 Resp: 22791

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.2	51.4#
89	1.0	37.0	55.4#

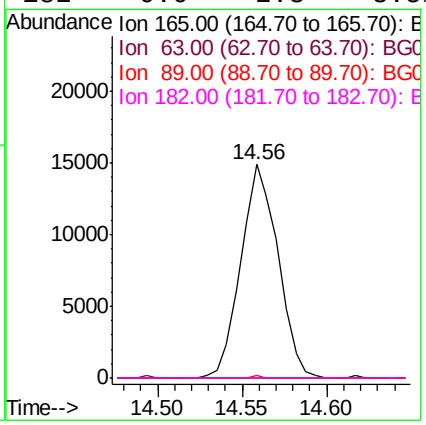


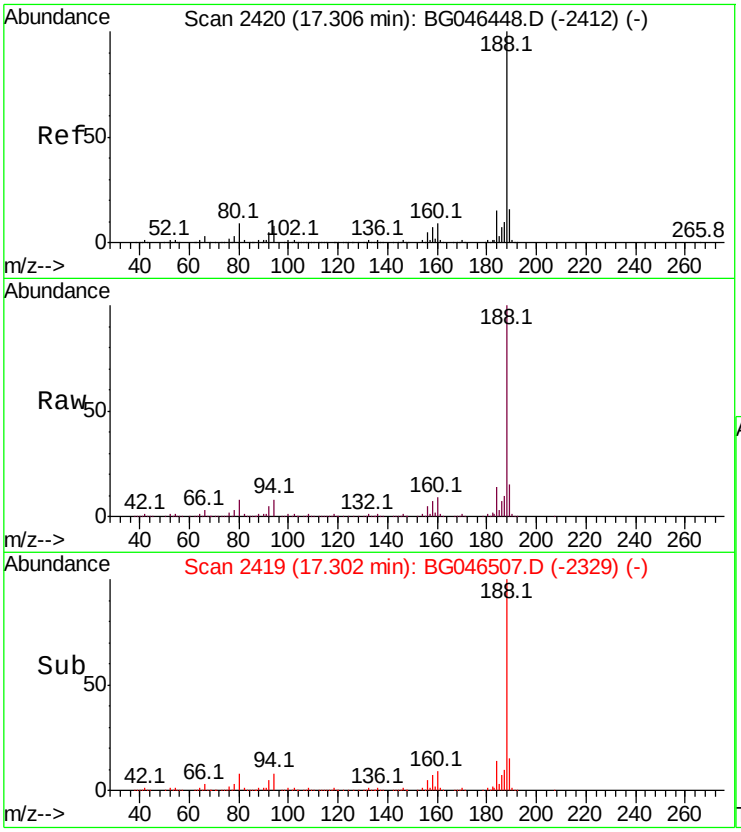


#57
2,4-Dinitrotoluene
Concen: 5.451 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.37 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion:165 Resp: 22791

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.0	45.9	68.9#
182	0.0	2.3	3.5#



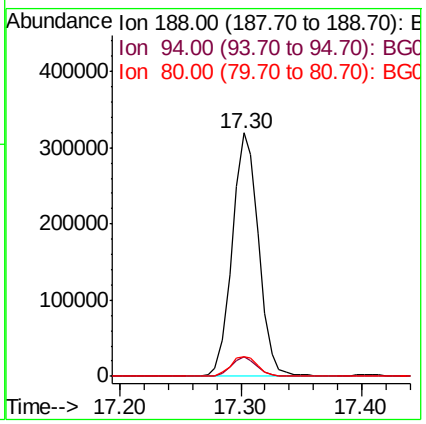


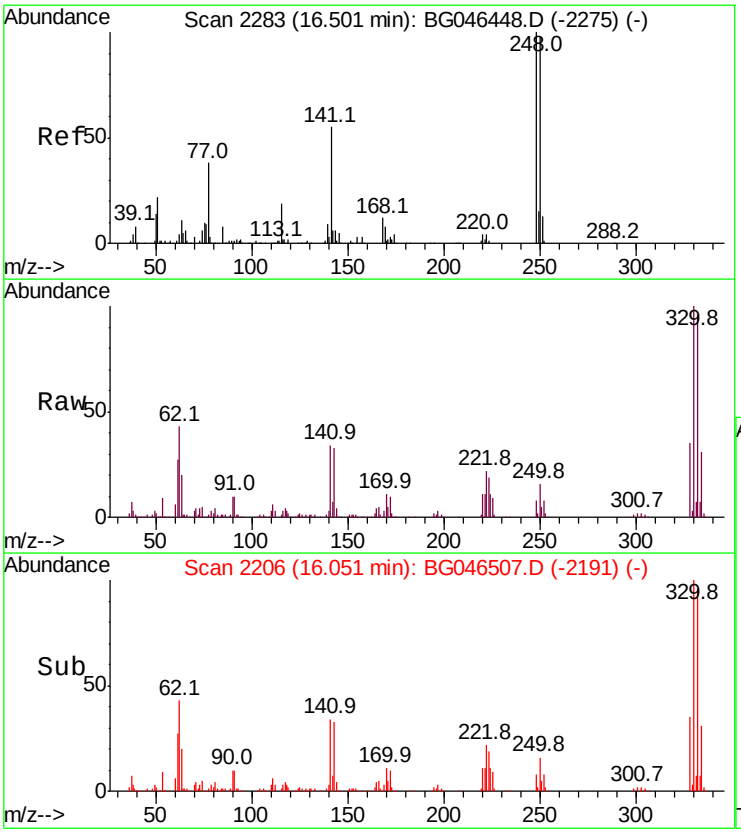
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion:188 Resp: 486410

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.3	9.5
80	8.2	6.9	10.3

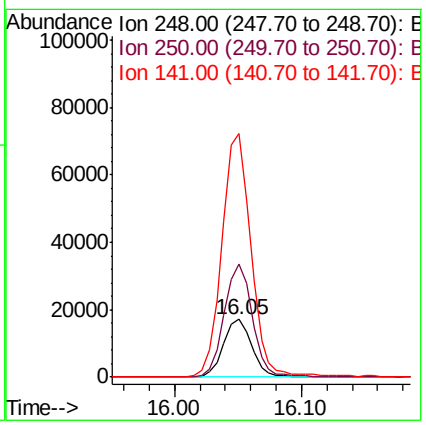


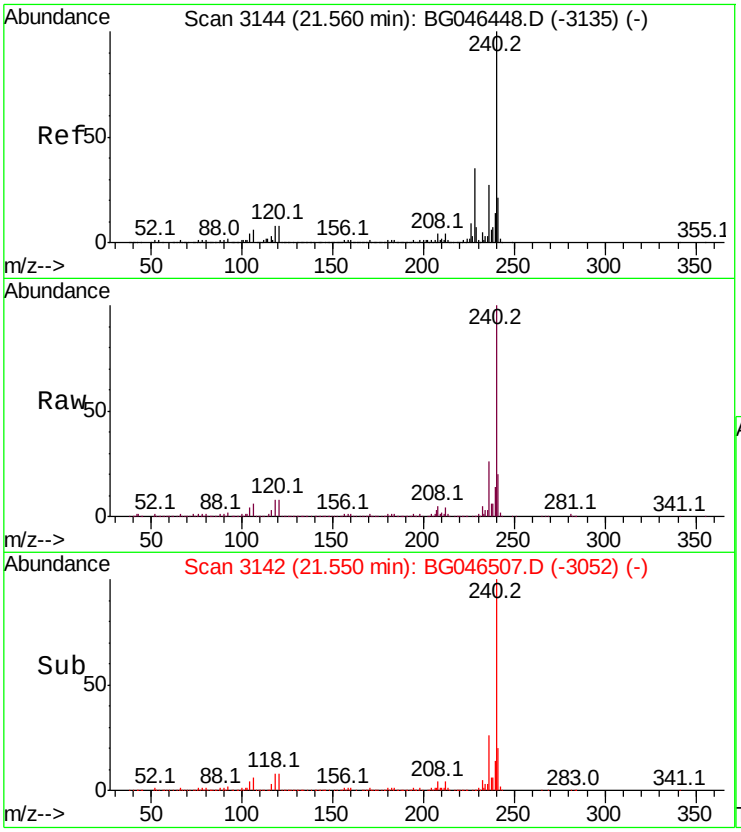


#67
4-Bromophenyl-phenylether
Concen: 4.723 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.44 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion:248 Resp: 26803

Ion	Ratio	Lower	Upper
248	100		
250	196.8	78.6	118.0#
141	423.9	43.9	65.9#



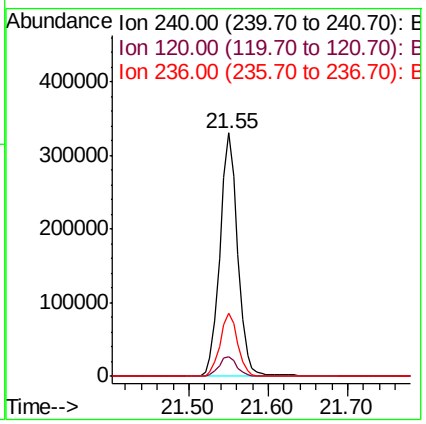


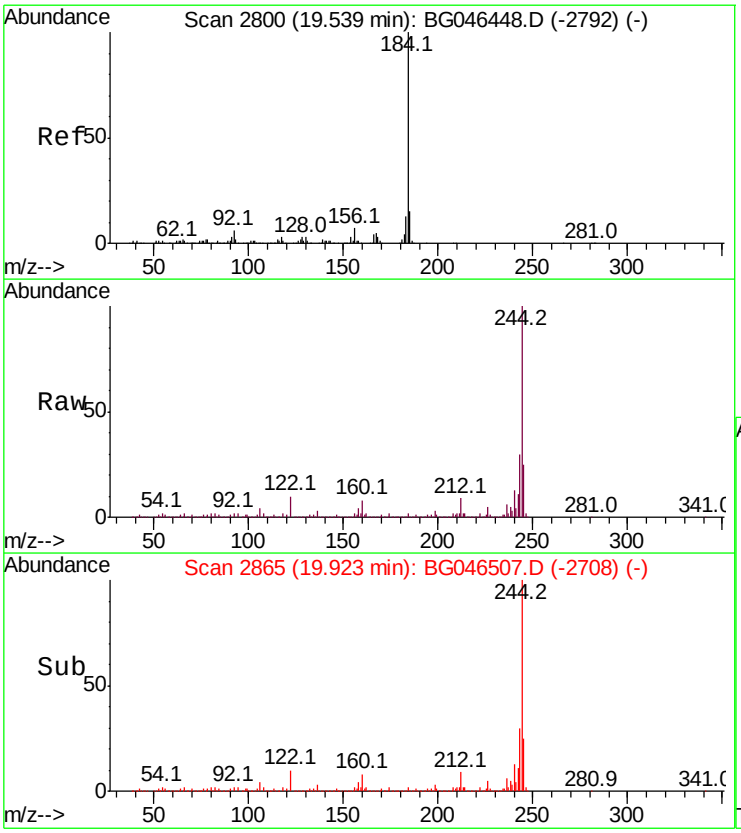
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion:240 Resp: 511505

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	25.8	21.4	32.2

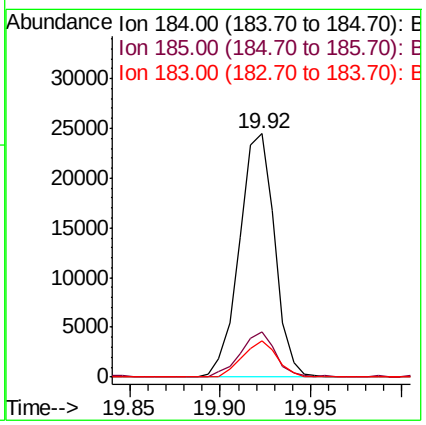


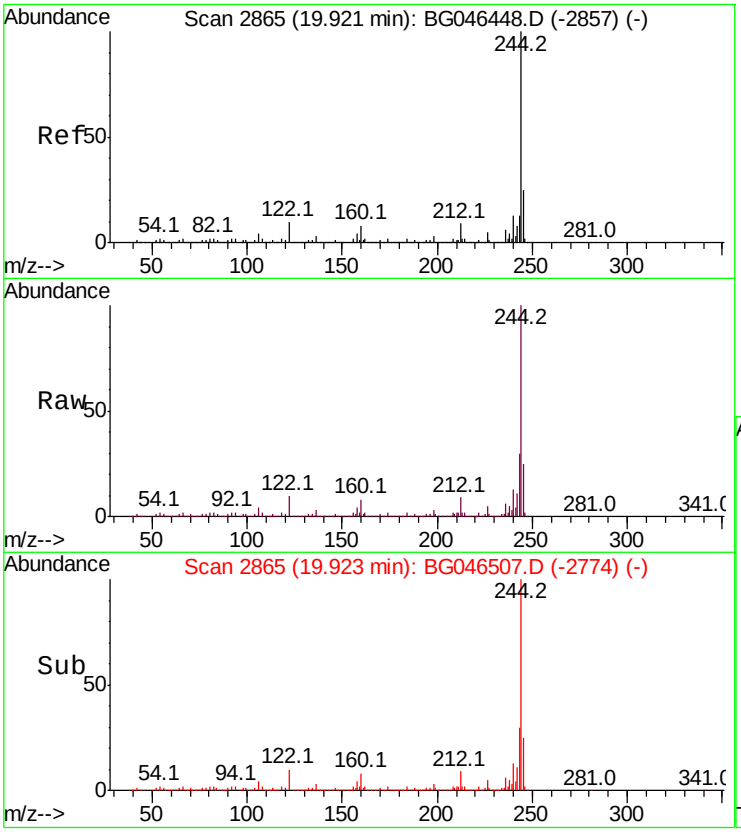


#77
Benzidine
Concen: 2.778 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.39 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion:184 Resp: 33023

Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.8	17.8#
183	14.8	10.7	16.1



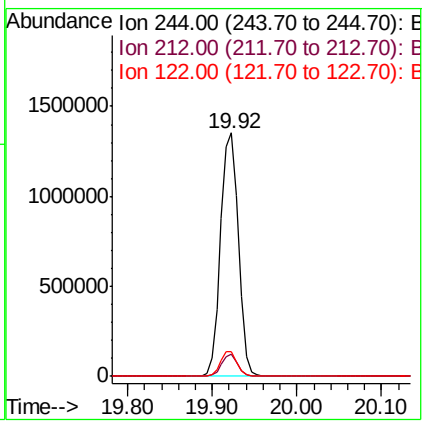


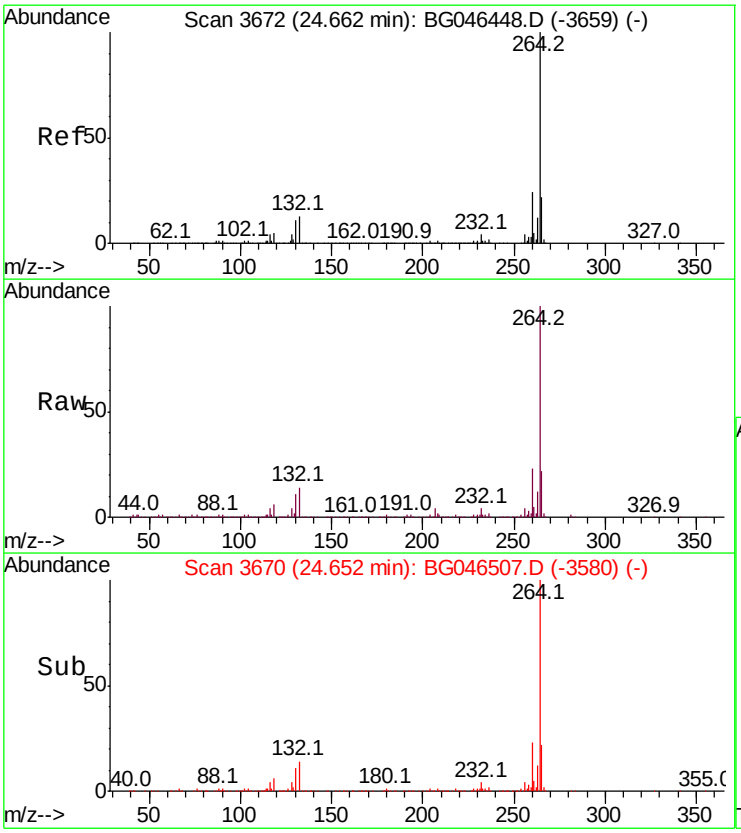
#79
Terphenyl-d14
Concen: 82.409 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BG046507.D
Acq: 2 Sep 2020 17:30

Instrument :
BNA_G
ClientSampleId :
789UMR-DSP01-01

Tgt Ion:244 Resp: 1980681

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.9	10.3
122	10.4	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: BG046507.D
Acq: 2 Sep 2020 17:30

Tgt Ion:264 Resp: 519140

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.9	26.9