Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046139.D
Acq On : 1 Aug 2020 1:33
Operator : CG/JU
Sample : L3507-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-073020

Quant Time: Aug 01 03:46:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	92899	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	355900	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	220186	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	524912	20.00	ng	0.00
76) Chrysene-d12	21.57	240	636106	20.00	ng	0.00
86) Perylene-d12	24.67	264	640317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	574672	107.54	ng	0.00
7) Phenol-d6	7.12	99	673351	92.45	ng	0.00
23) Nitrobenzene-d5	9.10	82	550496	83.75	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	397805	117.62	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1191892	78.63	ng	0.00
79) Terphenyl-d14	19.94	244	2099382	67.22	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	72098	15.210	ng	# 78
32) Benzoic acid	10.10	122	115	9.434	ng	# 58
51) 2,6-Dinitrotoluene	14.58	165	29652	7.539	ng	# 29
57) 2,4-Dinitrotoluene	14.58	165	29652	5.483	ng	# 29
67) 4-Bromophenyl-phenylether	16.07	248	24841	3.831	ng	# 1
77) Benzidine	19.93	184	36600	2.031	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046139.D
Acq On : 1 Aug 2020 1:33
Operator : CG/JU
Sample : L3507-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
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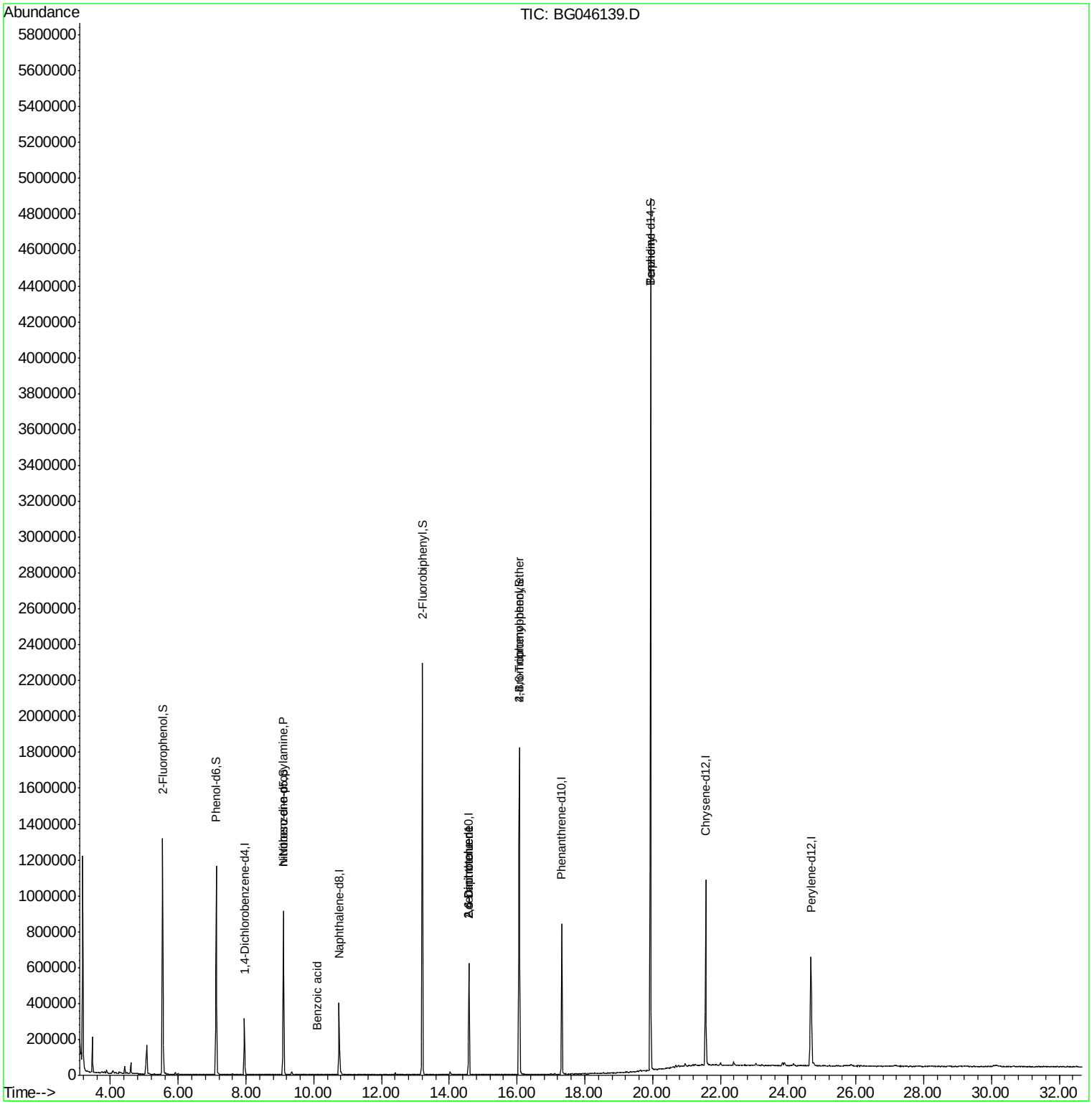
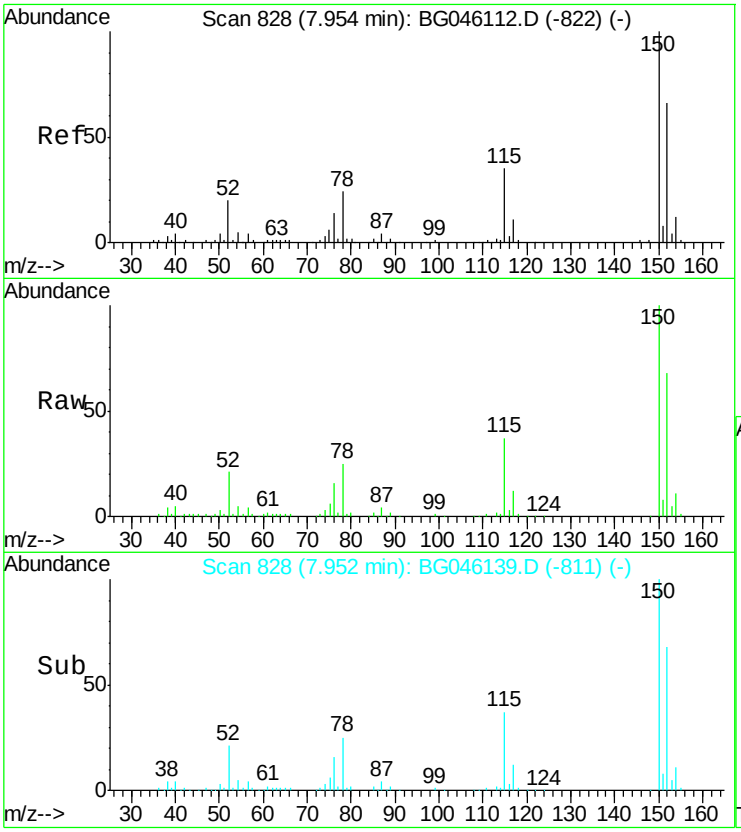
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration



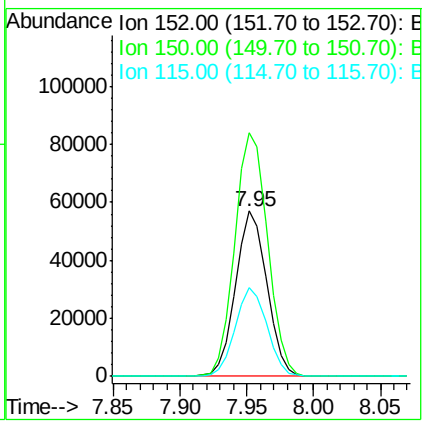


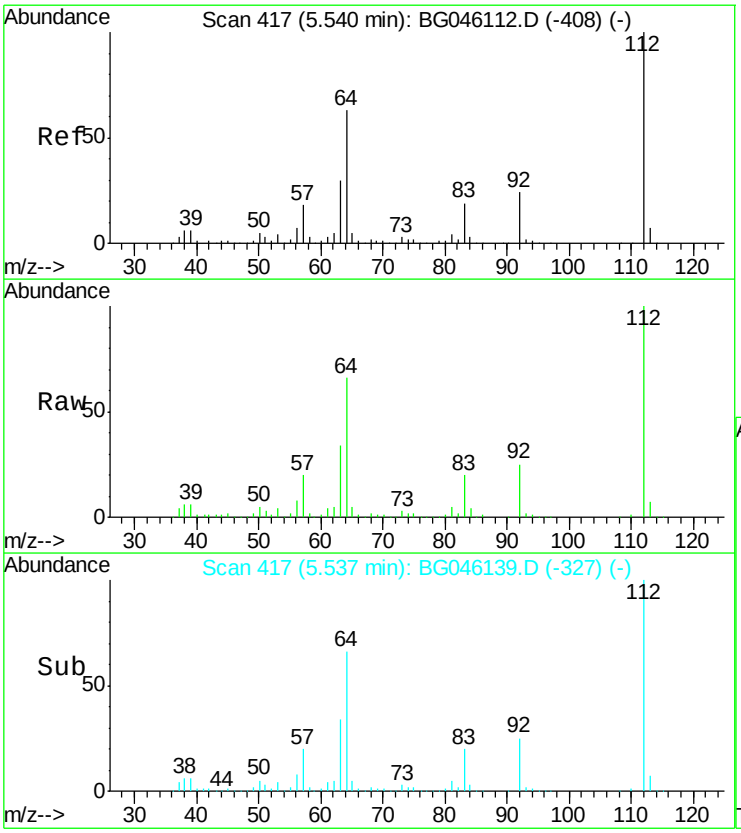
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:152 Resp: 92899

Ion	Ratio	Lower	Upper
152	100		
150	147.3	122.1	183.1
115	53.9	43.2	64.8

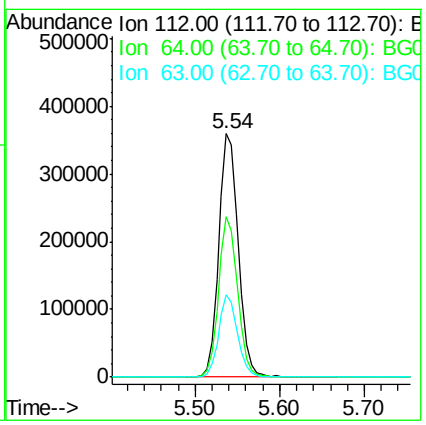


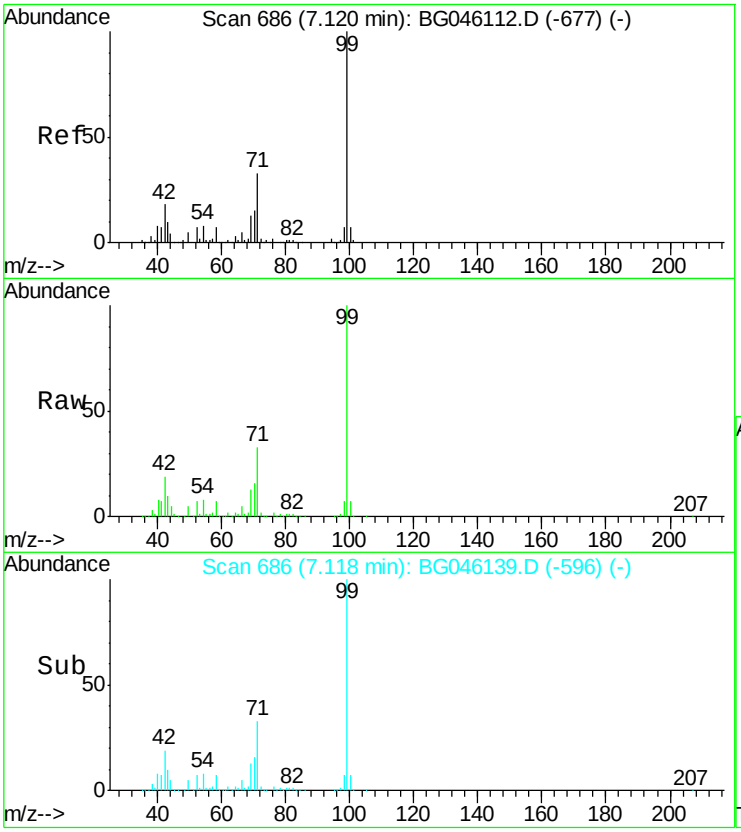


#5
2-Fluorophenol
Concen: 107.535 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion:112 Resp: 574672

Ion	Ratio	Lower	Upper
112	100		
64	66.1	50.2	75.2
63	34.0	24.2	36.4



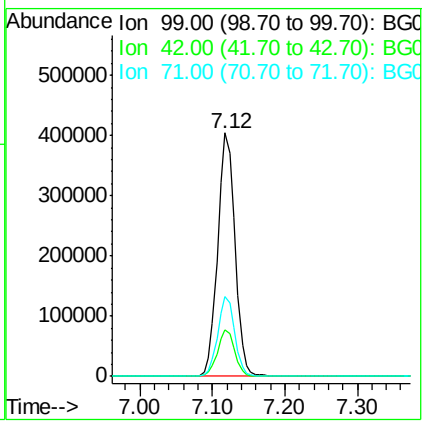


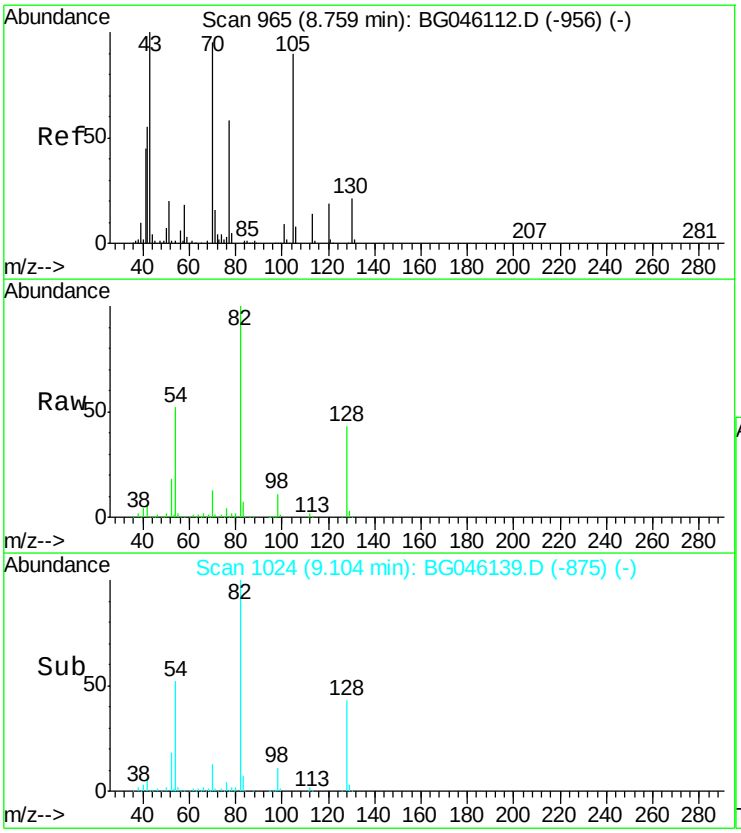
#7
Phenol-d6
Concen: 92.453 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion: 99 Resp: 673351

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.7	22.1
71	32.7	26.5	39.7

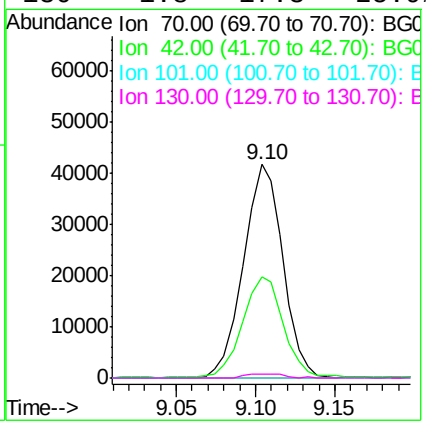


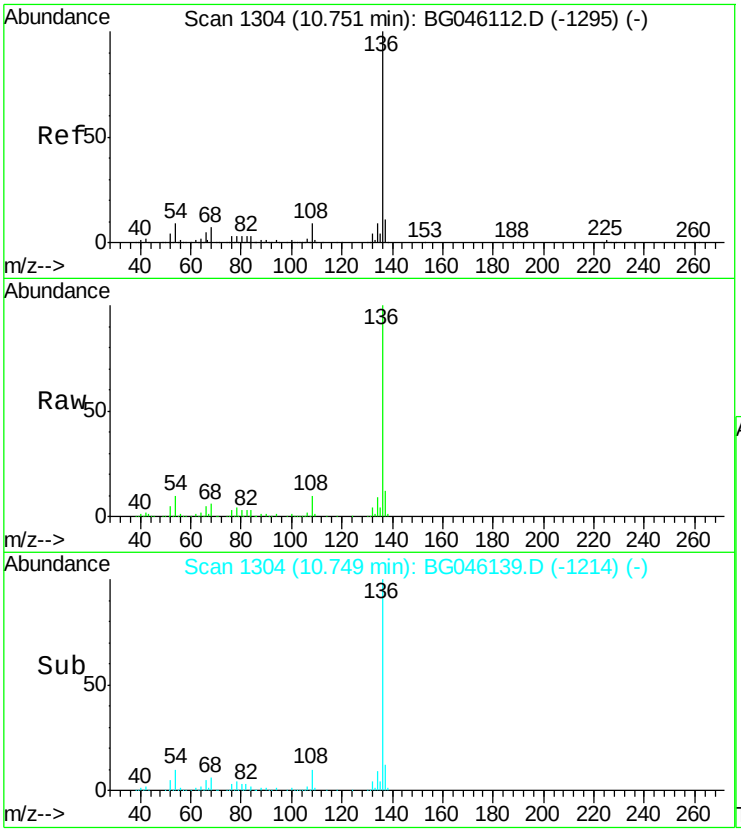


#19
n-Nitroso-di-n-propylamine
Concen: 15.210 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.34 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion: 70 Resp: 72098

Ion	Ratio	Lower	Upper
70	100		
42	47.3	46.5	69.7
101	0.0	7.6	11.4#
130	1.8	17.3	25.9#



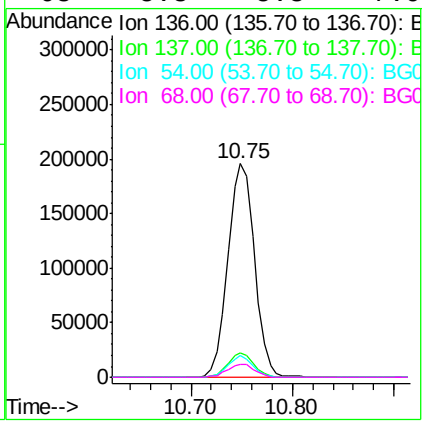


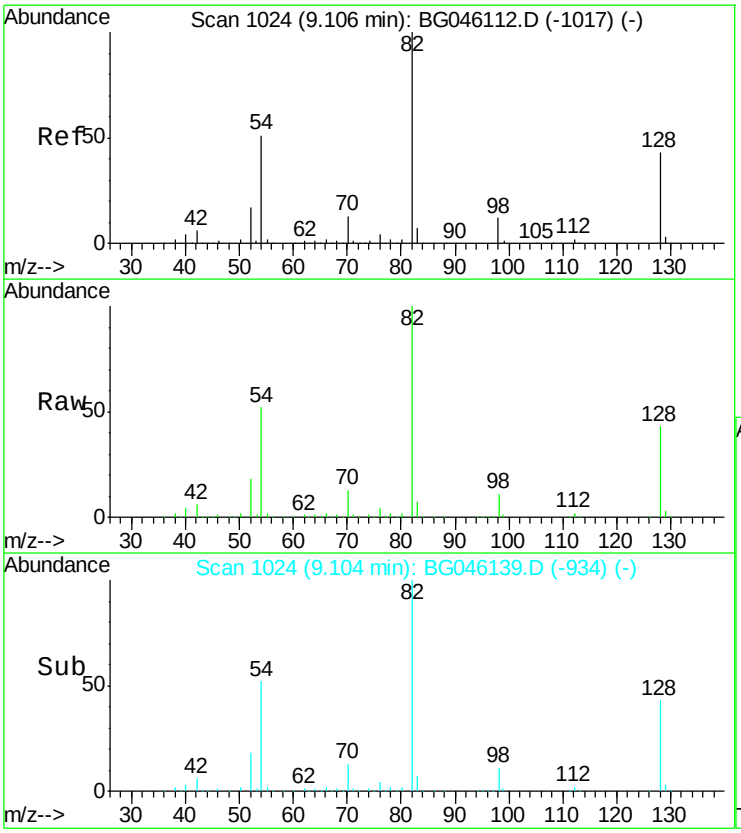
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:136 Resp: 355900

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.0	7.0	10.4
68	5.8	5.3	7.9

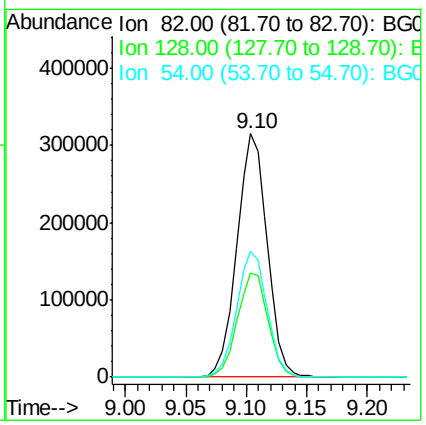


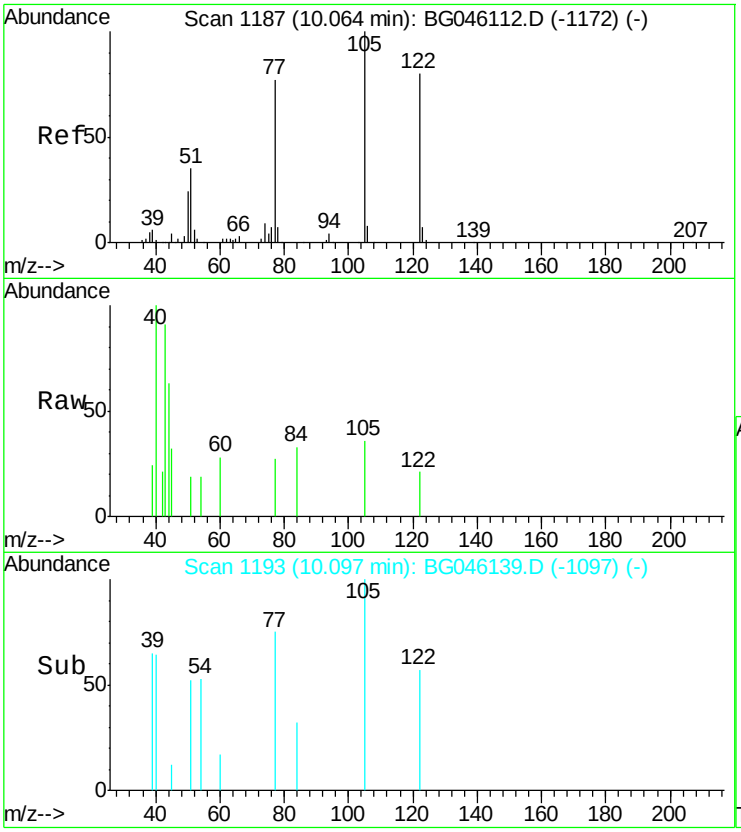


#23
Nitrobenzene-d5
Concen: 83.747 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion: 82 Resp: 550496

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.4	51.6
54	51.9	40.8	61.2



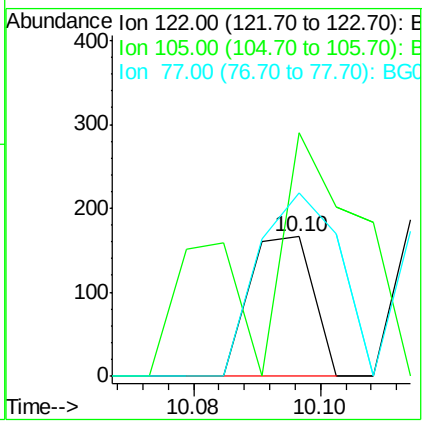


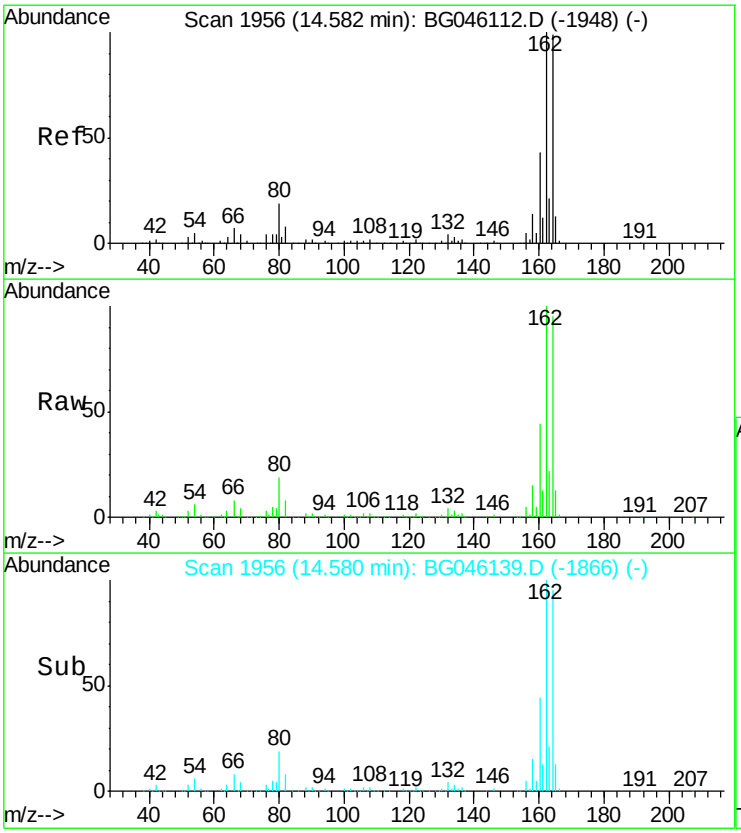
#32
Benzoic acid
Concen: 9.434 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.03 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	174.7	103.0	143.0#
77	131.3	75.2	115.2#

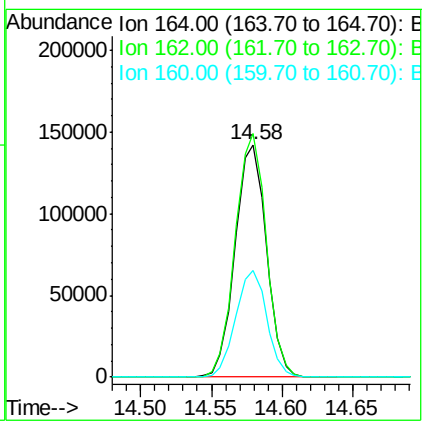


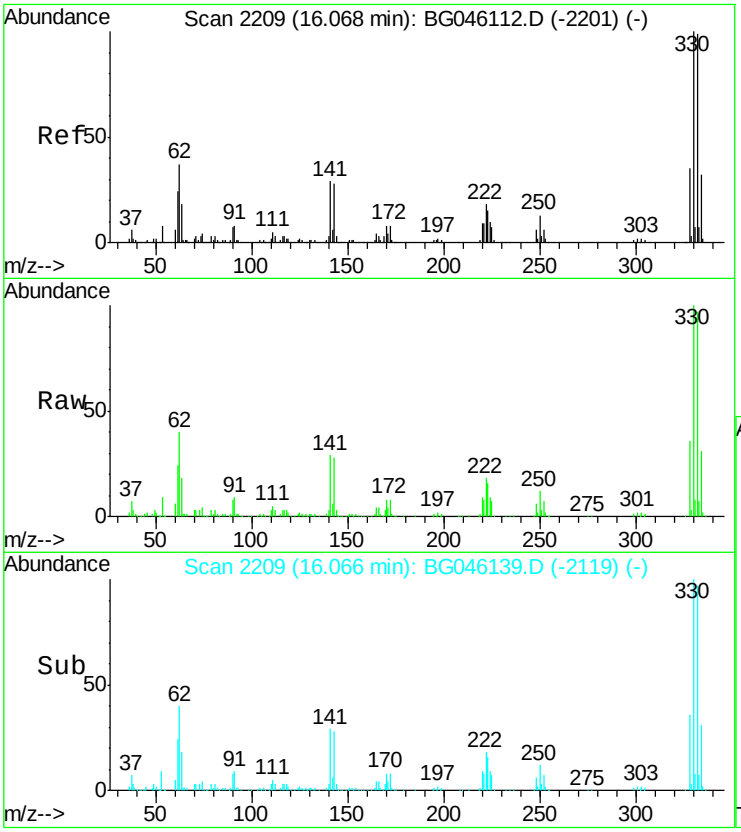


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion:164 Resp: 220186

Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.6	121.0
160	45.8	34.9	52.3



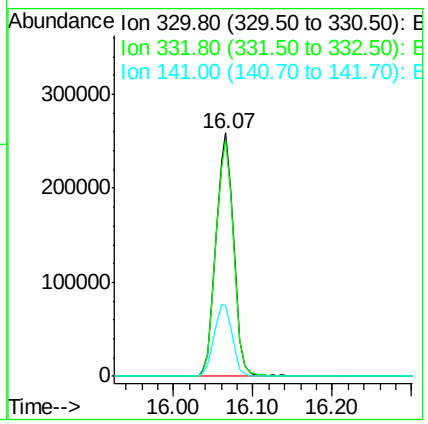


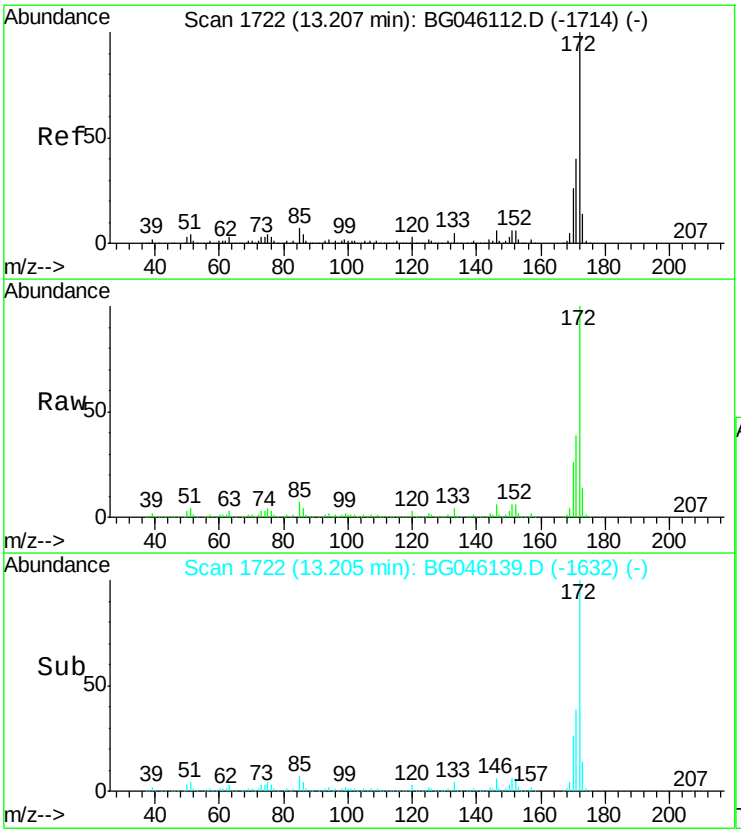
#42
2,4,6-Tribromophenol
Concen: 117.624 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:330 Resp: 397805

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	30.9	23.4	35.0

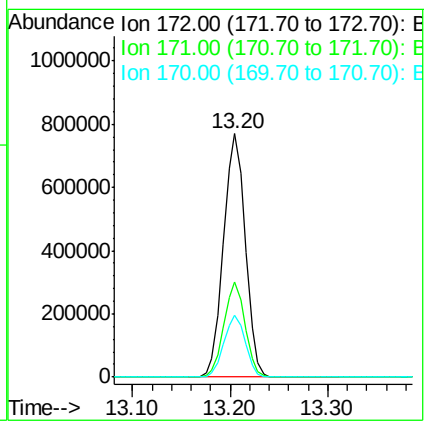


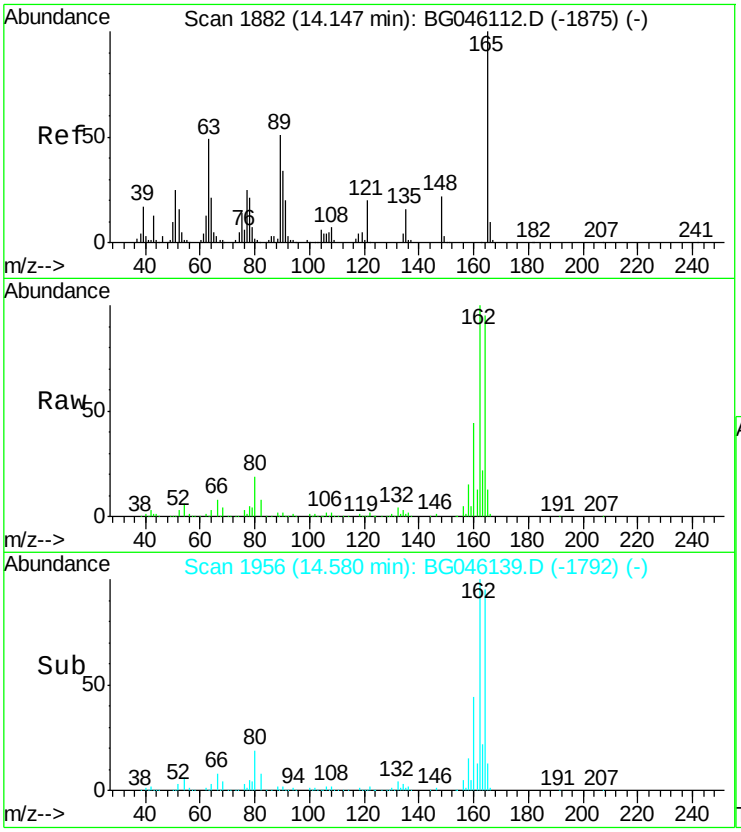


#45
2-Fluorobiphenyl
Concen: 78.633 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion:172 Resp: 1191892

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.7	47.5
170	25.6	20.9	31.3



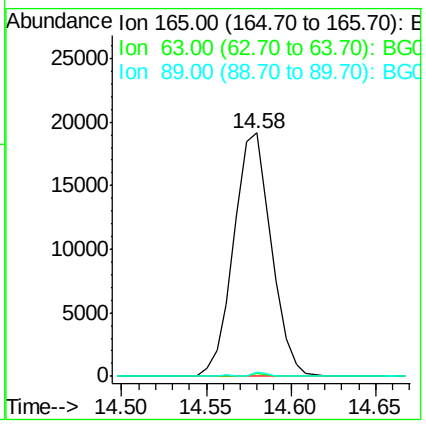


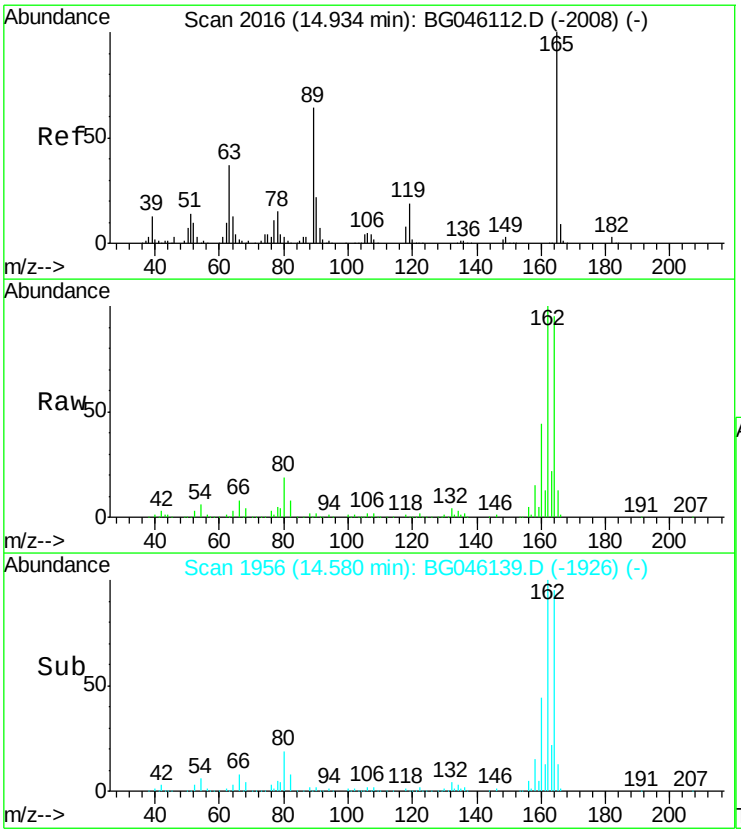
#51
2,6-Dinitrotoluene
Concen: 7.539 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.43 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:165 Resp: 29652

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.7	59.5#
89	1.6	41.0	61.6#

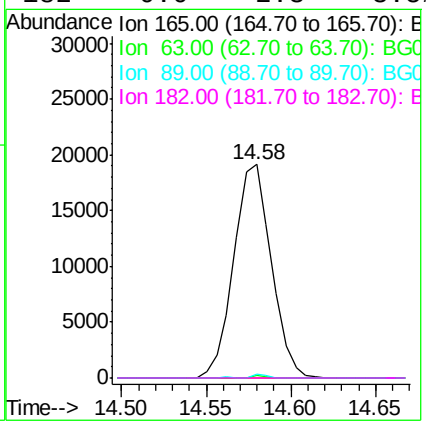


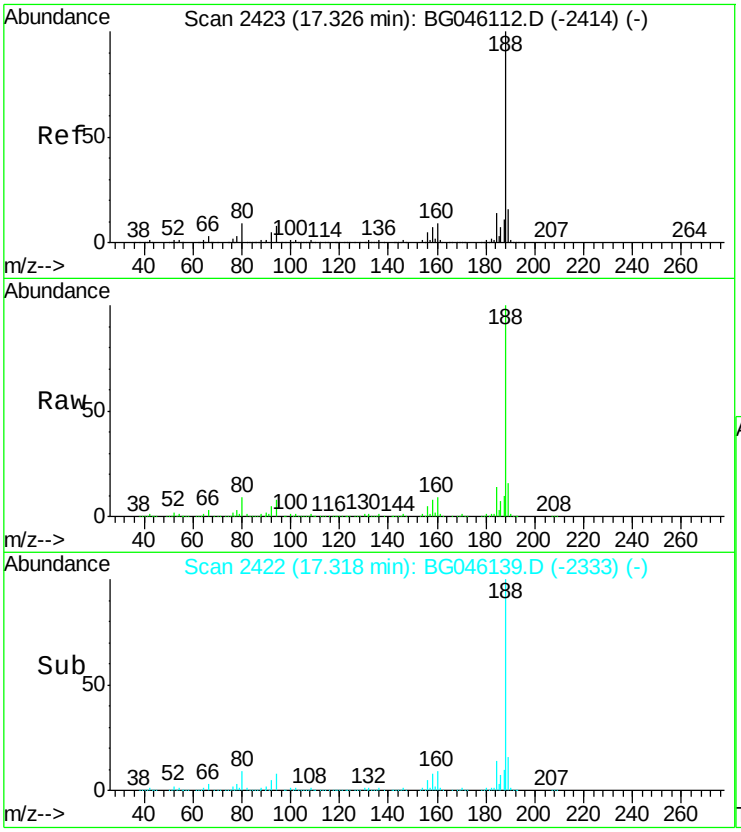


#57
2,4-Dinitrotoluene
Concen: 5.483 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.35 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion:165 Resp: 29652

Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.1	45.1#
89	1.6	51.4	77.2#
182	0.0	2.3	3.5#



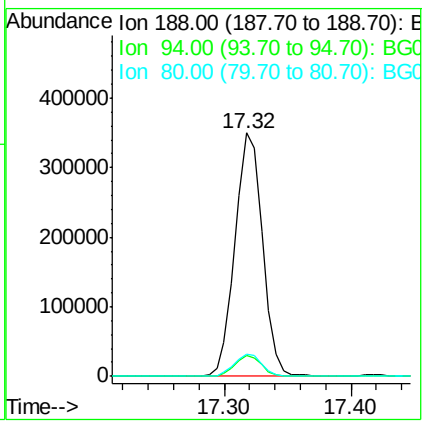


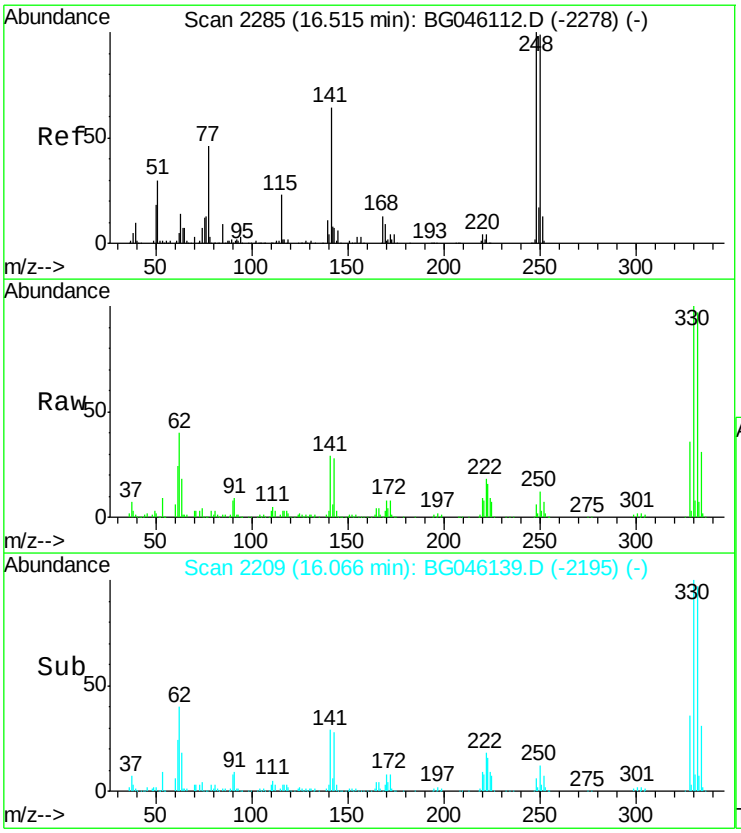
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:188 Resp: 524912

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.1	7.4	11.0

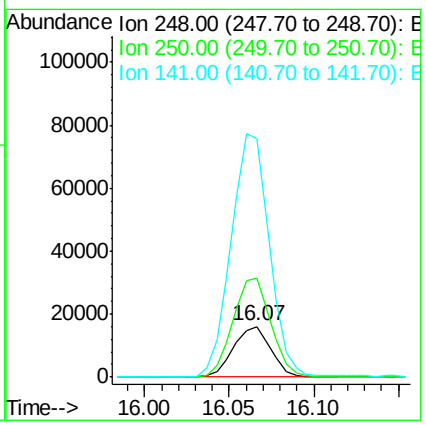


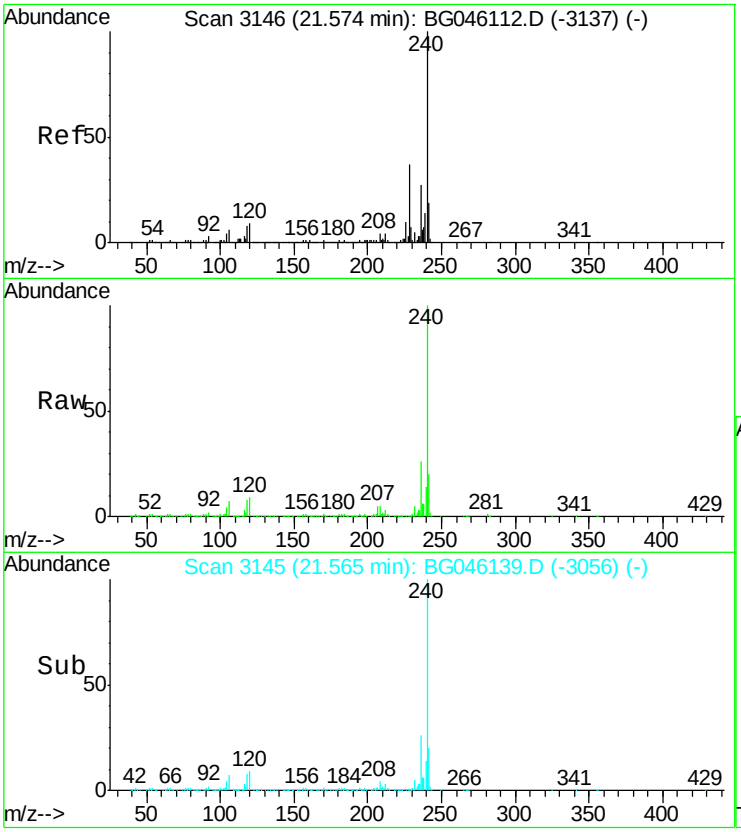


#67
4-Bromophenyl-phenylether
Concen: 3.831 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.45 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion:248 Resp: 24841

Ion	Ratio	Lower	Upper
248	100		
250	193.9	79.4	119.0#
141	469.7	50.9	76.3#



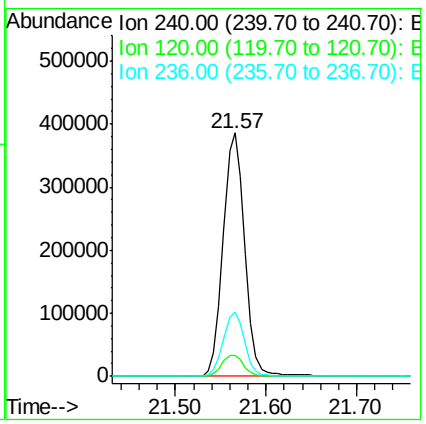


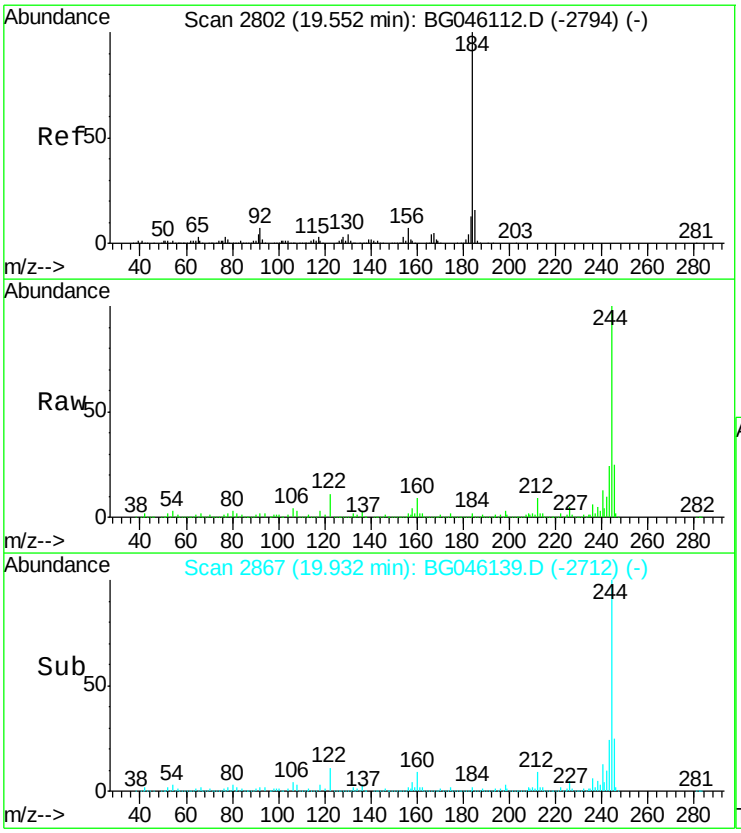
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:240 Resp: 636106

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.1	10.7
236	26.5	21.7	32.5

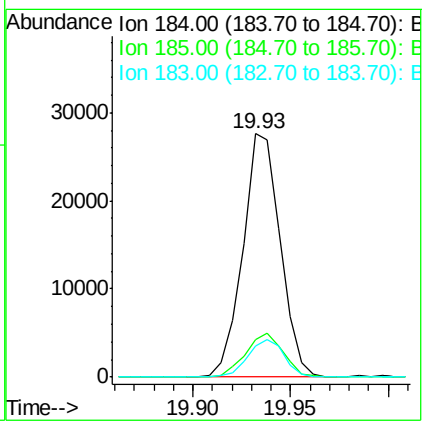


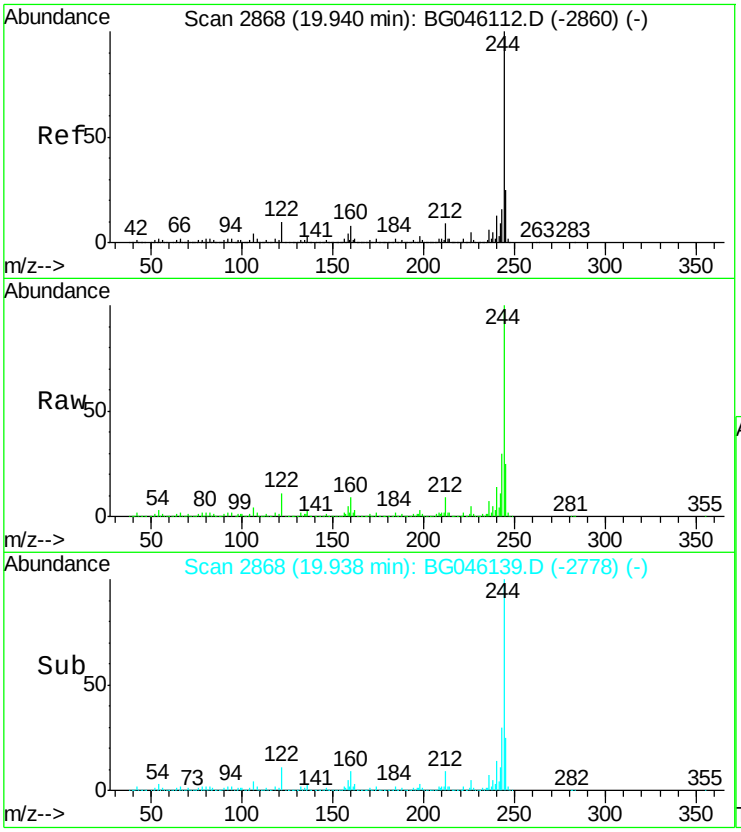


#77
Benzidine
Concen: 2.031 ng
RT: 19.93 min Scan# 2867
Delta R.T. 0.38 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion:184 Resp: 36600

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.0	19.4
183	13.0	10.5	15.7



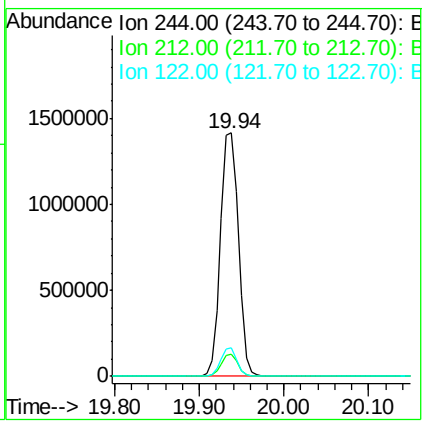


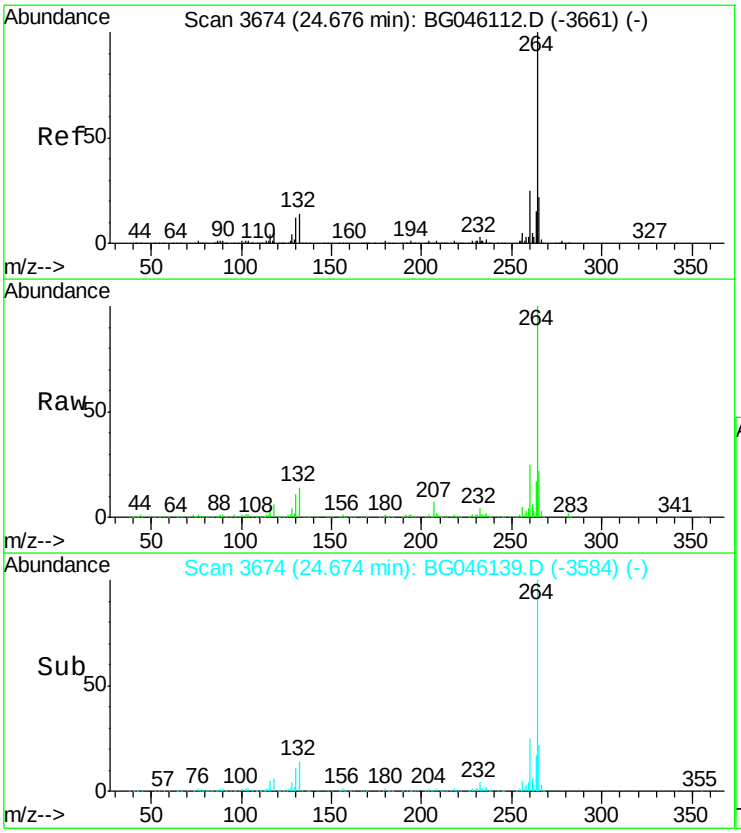
#79
Terphenyl-d14
Concen: 67.216 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Instrument :
BNA_G
ClientSampleId :
SU-01-073020

Tgt Ion:244 Resp: 2099382

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	11.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG046139.D
Acq: 1 Aug 2020 1:33

Tgt Ion:264 Resp: 640317

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.3	17.6	26.4