Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046883.D
Acq On : 13 Oct 2020 21:06
Operator : CG/JU
Sample : L4225-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-01-100920

Quant Time: Oct 14 01:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	63052	20.00	ng	0.00
21) Naphthalene-d8	10.912	136	243462	20.00	ng	#-0.01
39) Acenaphthene-d10	14.725	164	172063	20.00	ng	-0.01
64) Phenanthrene-d10	17.469	188	428819	20.00	ng	-0.01
76) Chrysene-d12	21.740	240	479025	20.00	ng	#-0.02
86) Perylene-d12	25.007	264	470145	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	80150	20.36	ng	0.00
7) Phenol-d6	7.251	99	96301	17.35	ng	0.00
23) Nitrobenzene-d5	9.267	82	83622	18.27	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	60484	26.66	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	201993	16.62	ng	-0.01
79) Terphenyl-d14	20.072	244	412111	17.24	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.257	77	185	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.261	70	12120	3.18	ng	# 84
51) 2,6-Dinitrotoluene	14.725	165	23199	10.39	ng	# 34
57) 2,4-Dinitrotoluene	14.725	165	23199	7.84	ng	# 33
77) Benzidine	19.690	184	45314	3.07	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046883.D
Acq On : 13 Oct 2020 21:06
Operator : CG/JU
Sample : L4225-09
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Quant Time: Oct 14 01:06:08 2020
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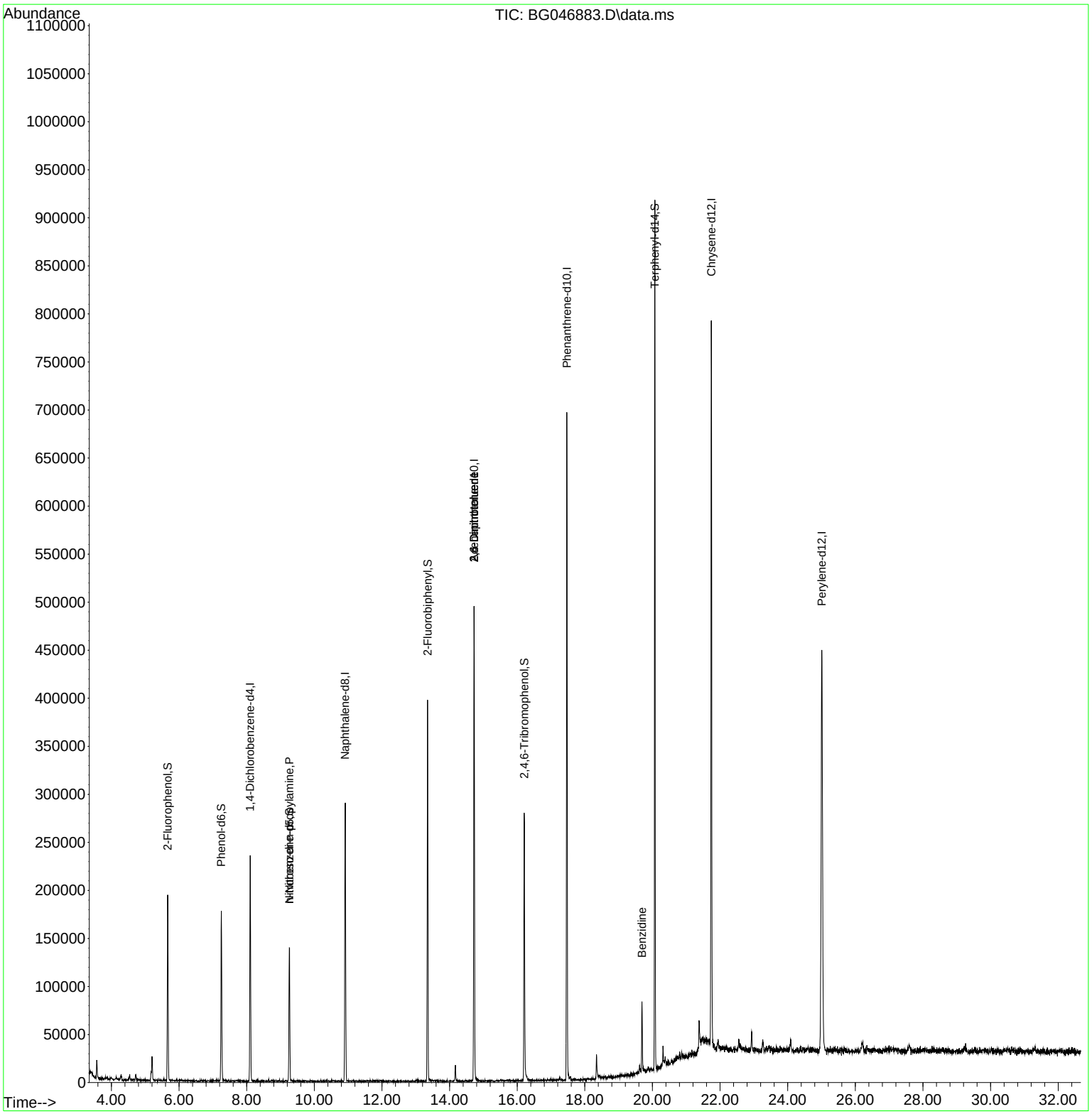
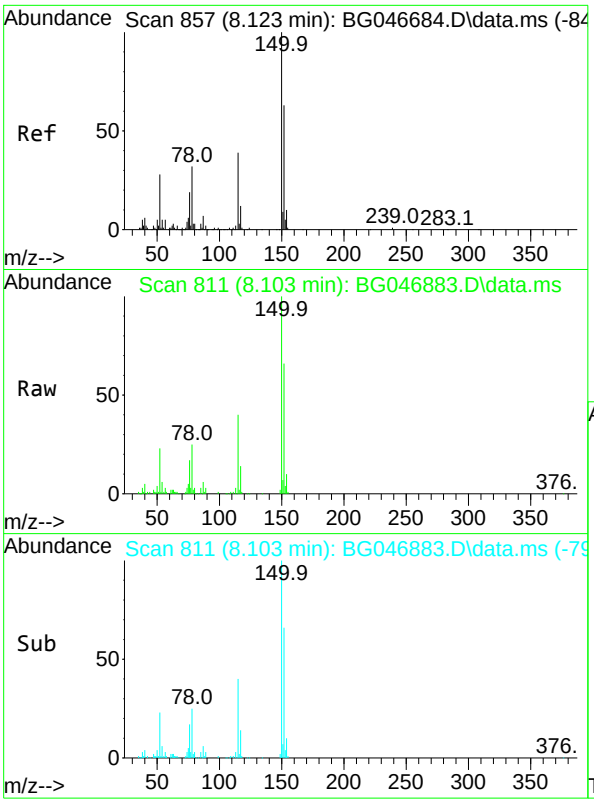
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

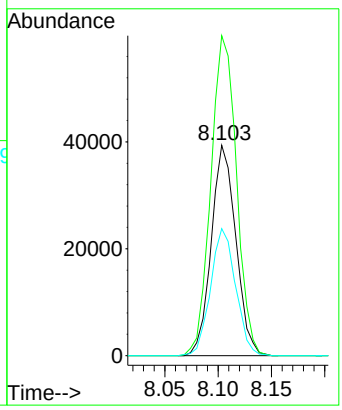




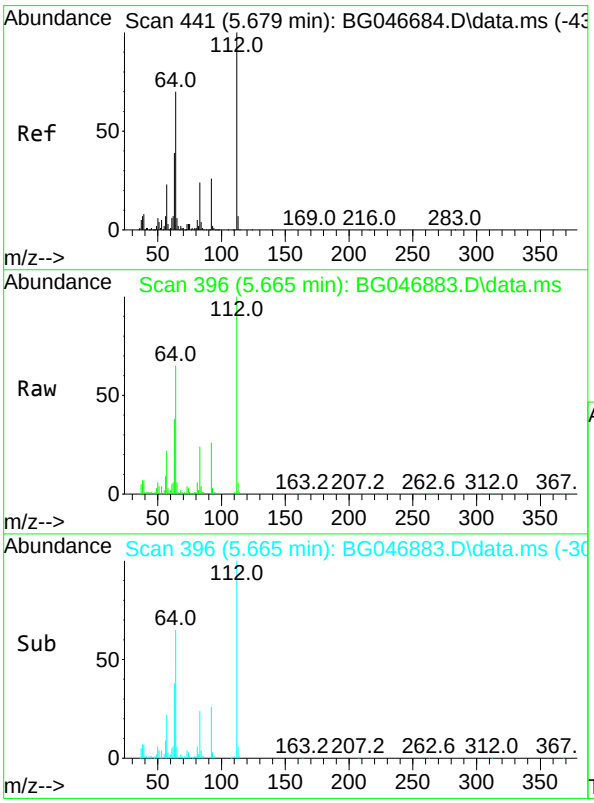
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:152 Resp: 63052

Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.0	187.6
115	60.4	41.8	62.6



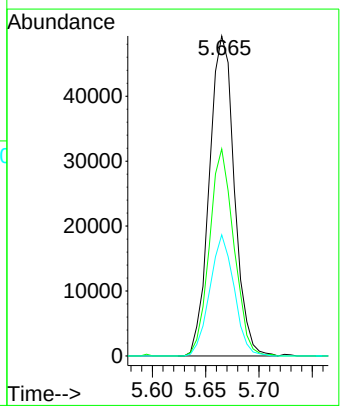
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

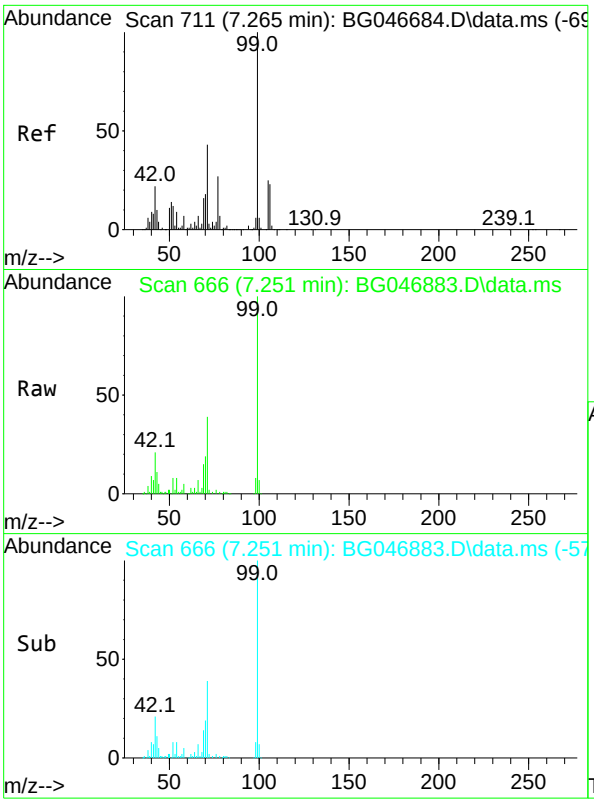


#5
2-Fluorophenol
Concen: 20.36 ng
RT: 5.665 min Scan# 396
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:112 Resp: 80150

Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.7	70.1
63	37.9	22.8	34.2#

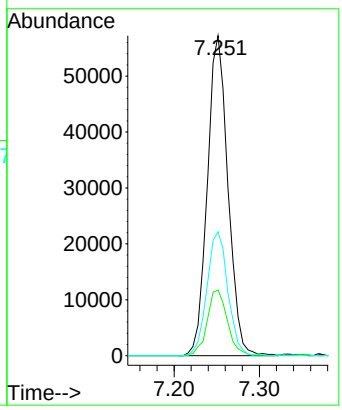




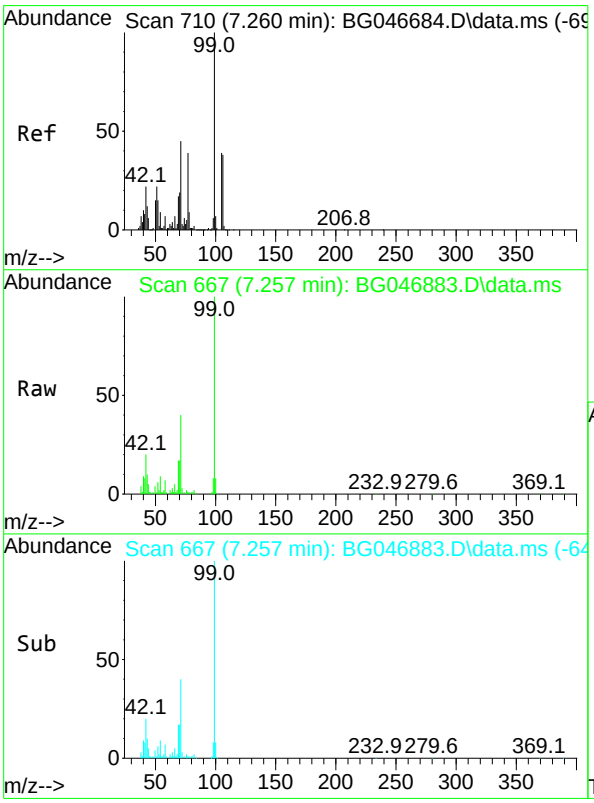
#7
Phenol-d6
Concen: 17.35 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion: 99 Resp: 96301

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	38.8	24.6	36.8#



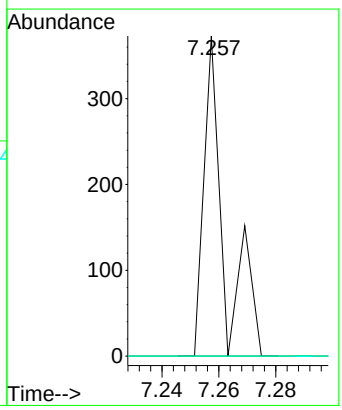
Instrument :
BNA_G
ClientSampleId :
SU-01-100920



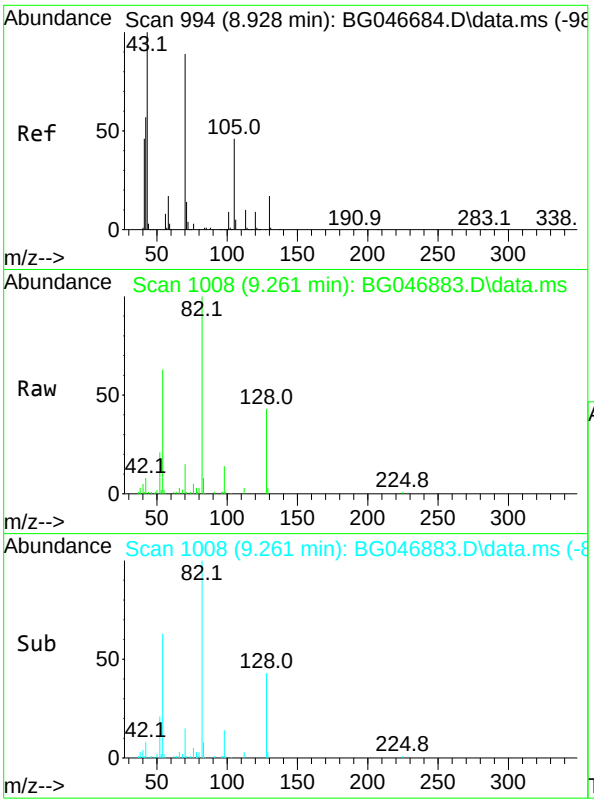
#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion: 77 Resp: 185

Ion	Ratio	Lower	Upper
77	100		
105	0.0	85.9	125.9#
106	0.0	80.9	120.9#



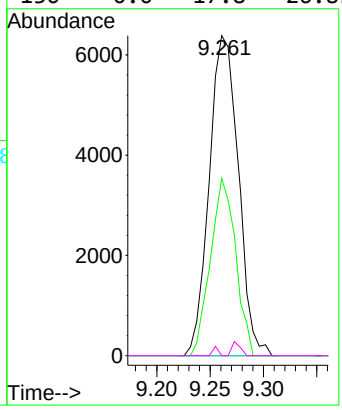
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

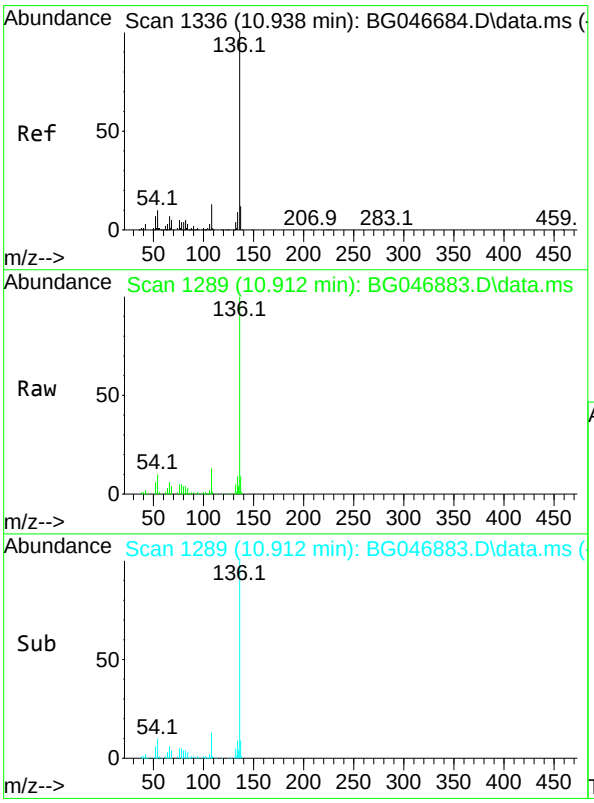


#19
n-Nitroso-di-n-propylamine
Concen: 3.18 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.348 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion: 70 Resp: 12120

Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.6	68.4
101	0.0	8.4	12.6#
130	0.0	17.8	26.8#

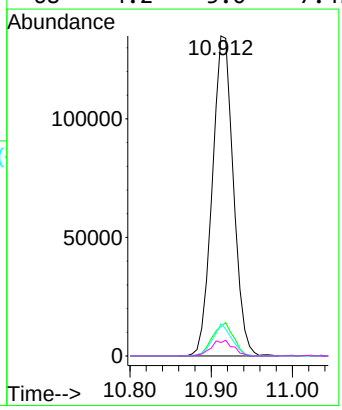




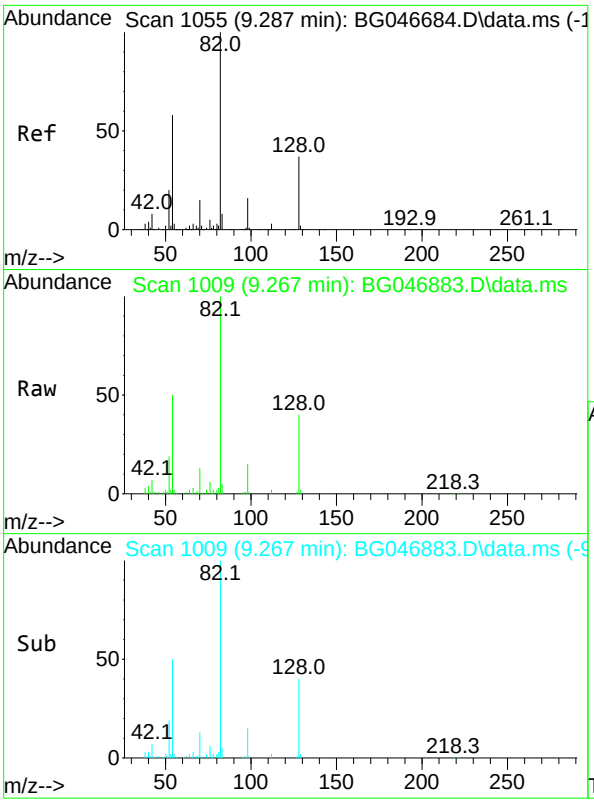
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.912 min Scan# 1289
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:136 Resp: 243462

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.1	13.7
54	10.0	6.2	9.4#
68	4.2	5.0	7.4#



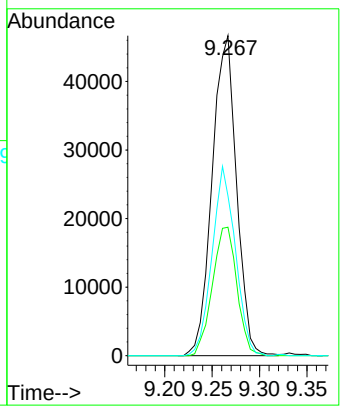
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

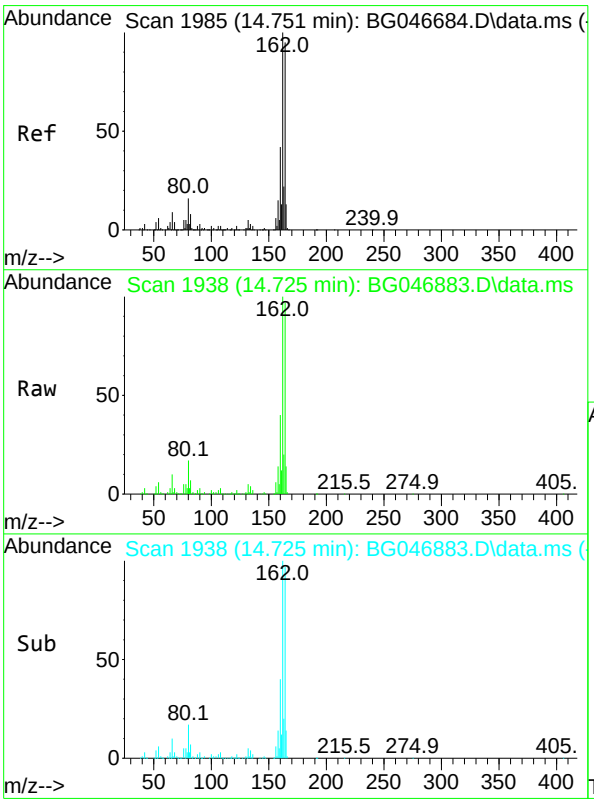


#23
Nitrobenzene-d5
Concen: 18.27 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion: 82 Resp: 83622

Ion	Ratio	Lower	Upper
82	100		
128	40.2	37.0	55.6
54	50.0	39.0	58.4

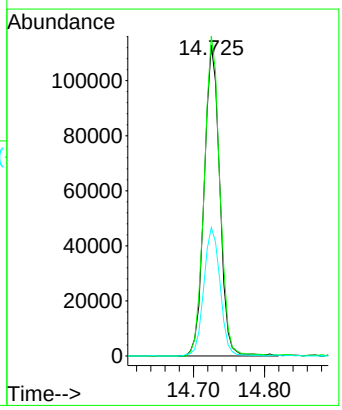




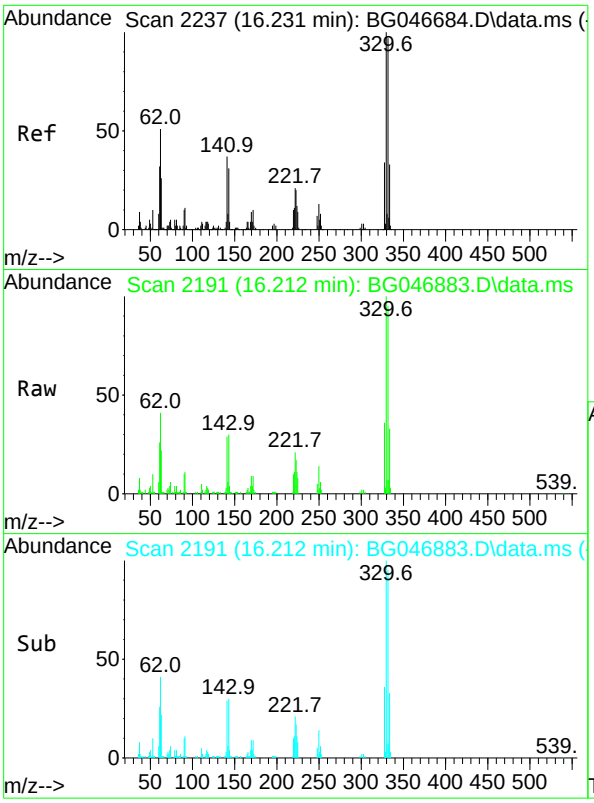
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:164 Resp: 172063

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	41.3	35.3	52.9



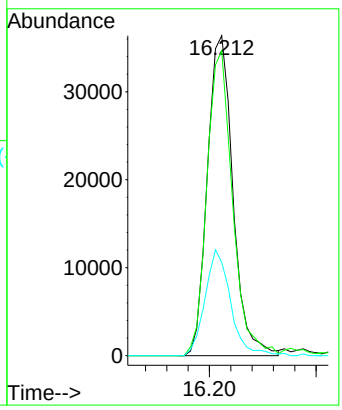
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

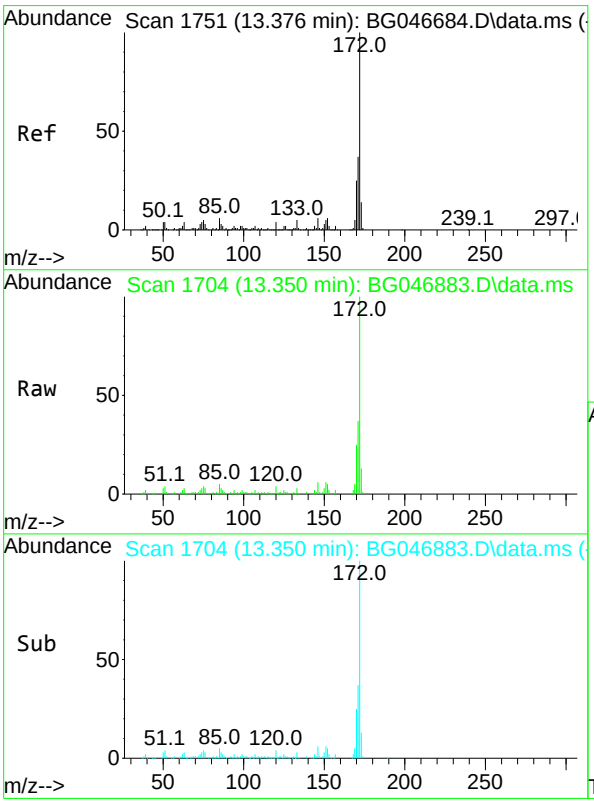


#42
2,4,6-Tribromophenol
Concen: 26.66 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:330 Resp: 60484

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.5	114.7
141	33.2	26.0	39.0

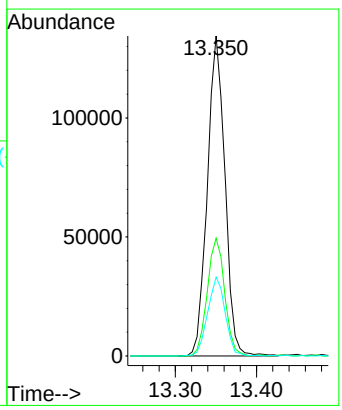




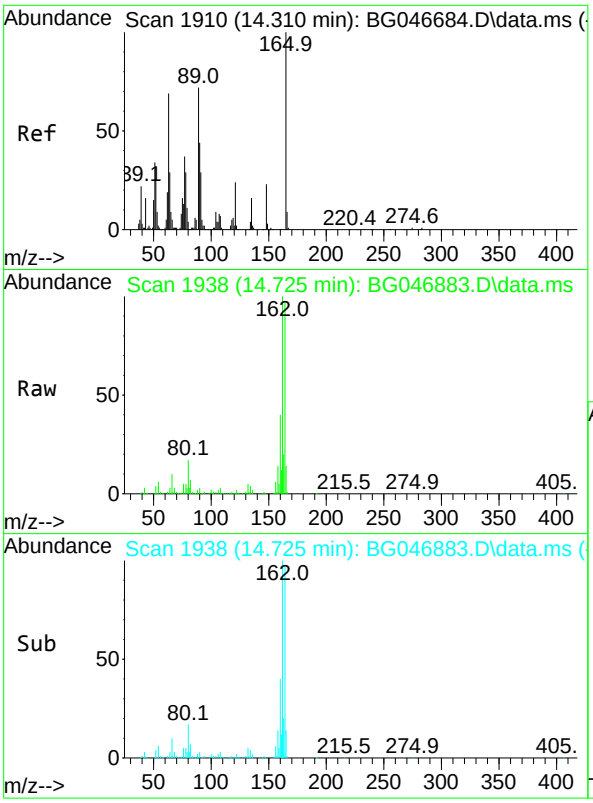
#45
2-Fluorobiphenyl
Concen: 16.62 ng
RT: 13.350 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:172 Resp: 201993

Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.3	46.9
170	24.6	20.8	31.2



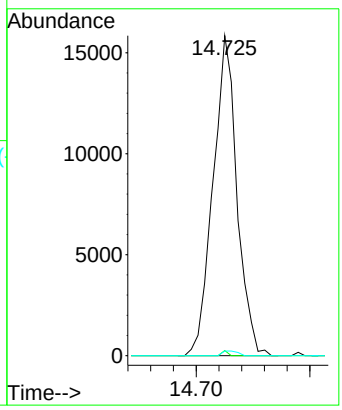
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

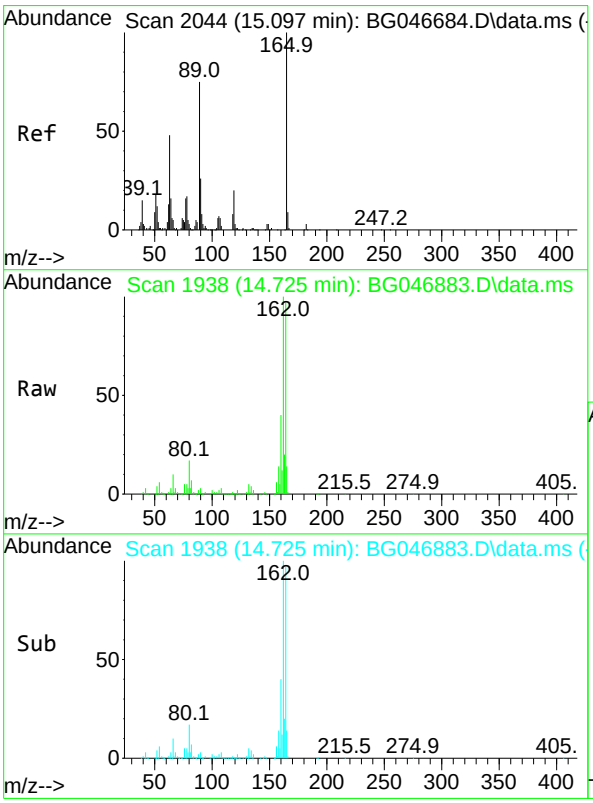


#51
2,6-Dinitrotoluene
Concen: 10.39 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.424 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:165 Resp: 23199

Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.7	50.5#
89	1.5	36.6	54.8#

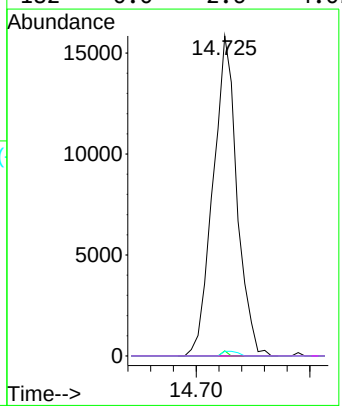




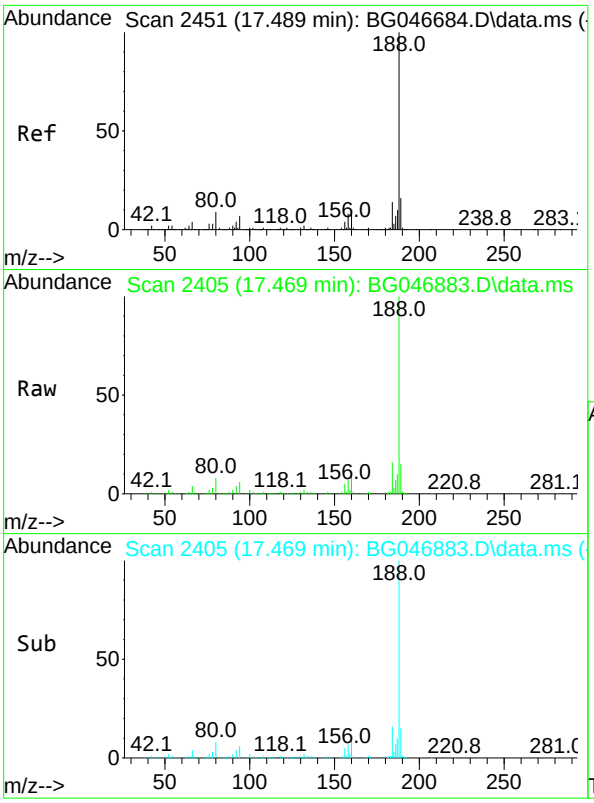
#57
2,4-Dinitrotoluene
Concen: 7.84 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:165 Resp: 23199

Ion	Ratio	Lower	Upper
165	100		
63	1.6	26.4	39.6#
89	1.5	47.8	71.8#
182	0.0	2.6	4.0#



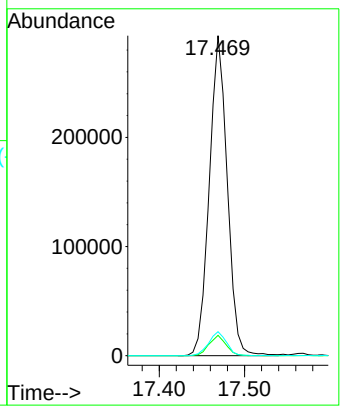
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

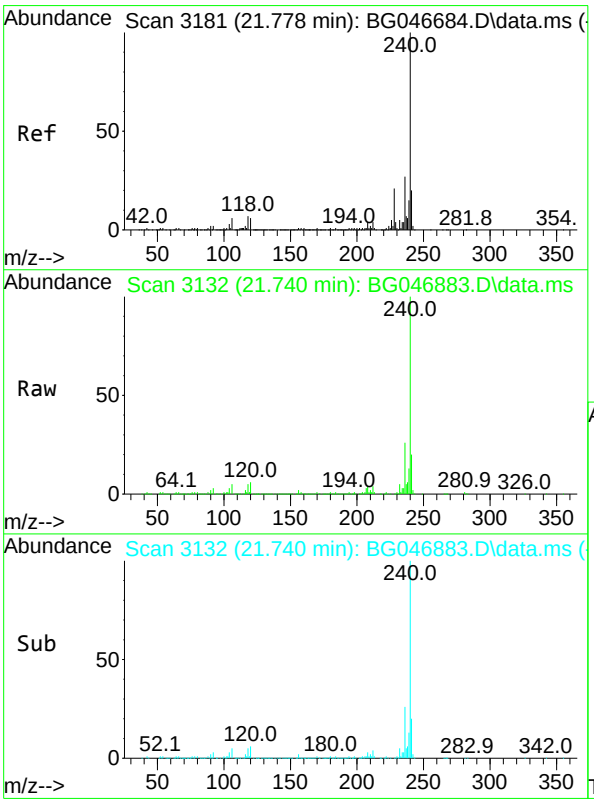


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.469 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:188 Resp: 428819

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.3	9.5
80	7.5	7.0	10.6

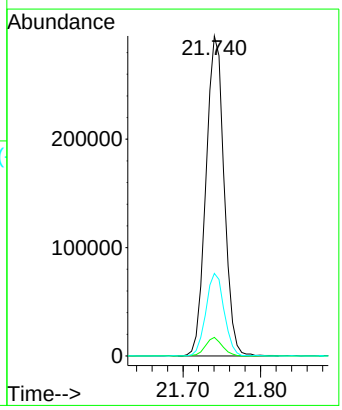




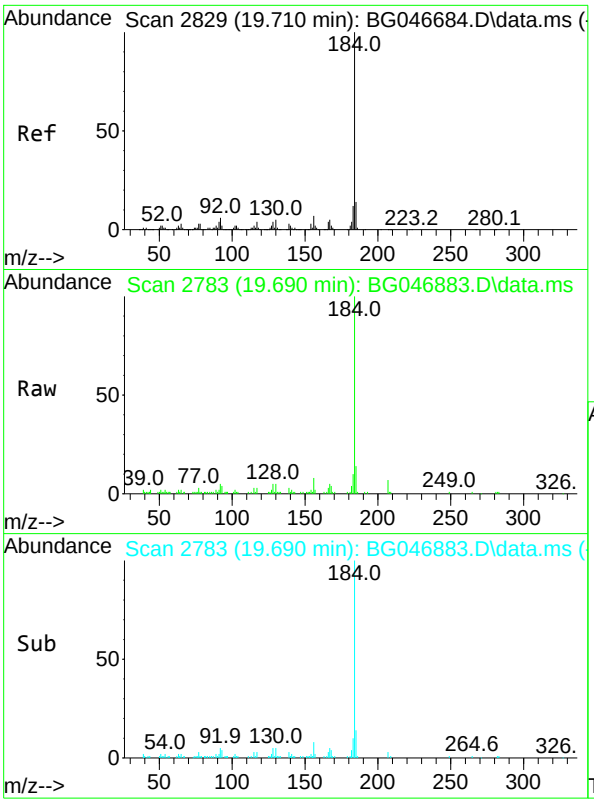
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.740 min Scan# 3132
Delta R.T. -0.016 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:240 Resp: 479025

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.2	9.4#
236	25.8	20.5	30.7



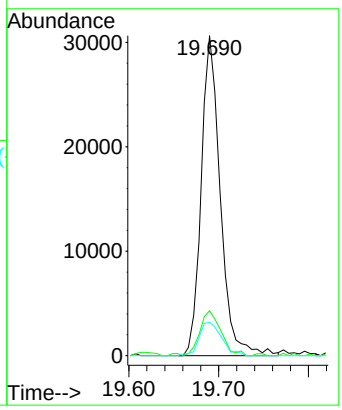
Instrument :
BNA_G
ClientSampleId :
SU-01-100920

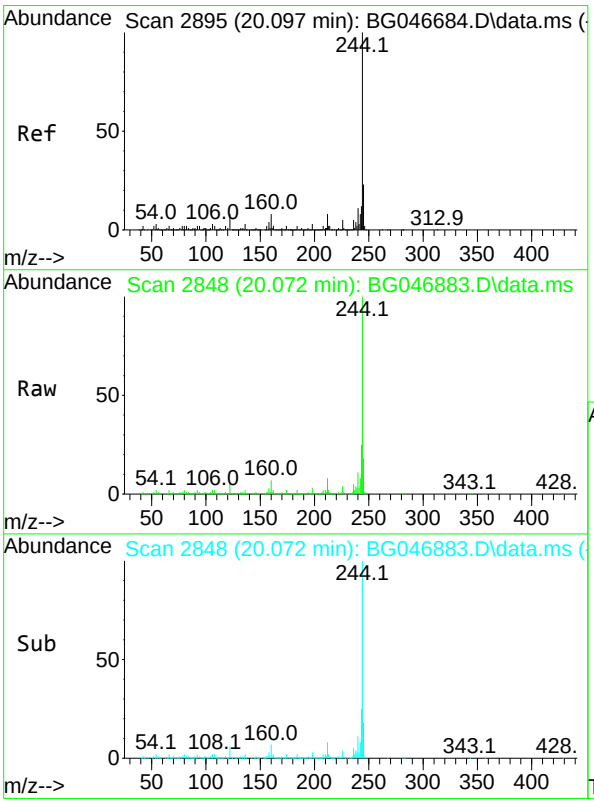


#77
Benzidine
Concen: 3.07 ng
RT: 19.690 min Scan# 2783
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:184 Resp: 45314

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.4	18.6
183	10.5	10.6	15.8#

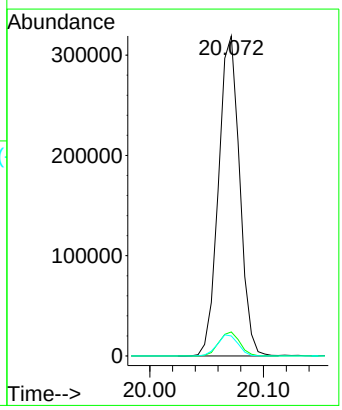


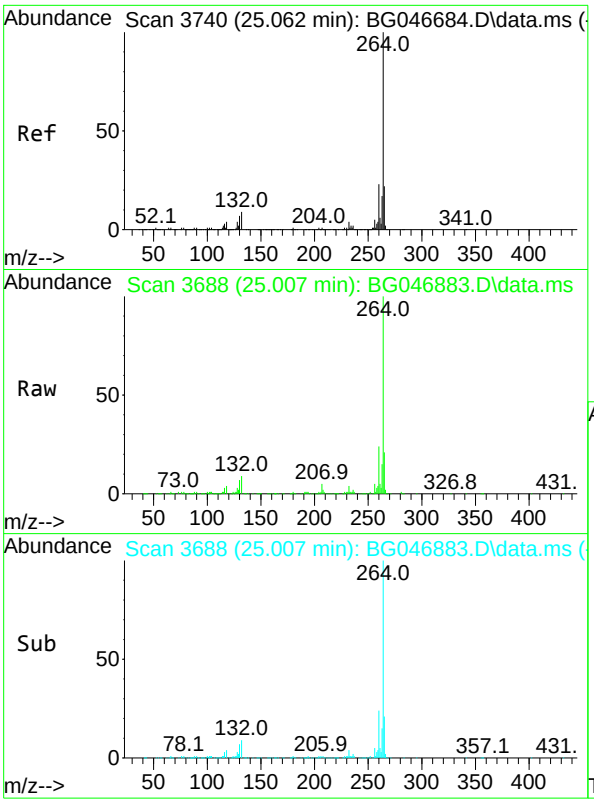


#79
Terphenyl-d14
Concen: 17.24 ng
RT: 20.072 min Scan# 2848
Delta R.T. -0.010 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:244 Resp: 412111

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.7	10.1
122	6.3	7.8	11.6#

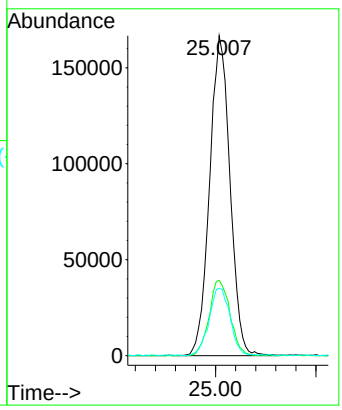




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.007 min Scan# 3688
Delta R.T. -0.022 min
Lab File: BG046883.D
Acq: 13 Oct 2020 21:06

Tgt Ion:264 Resp: 470145

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.0	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
SU-01-100920