Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048677.D
Acq On : 13 Apr 2021 17:00
Operator : CG/JU
Sample : M1991-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCSY-WC1-1

Quant Time: Apr 14 00:30:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	14679	20.00	ng	#-0.02
21) Naphthalene-d8	10.906	136	56332	20.00	ng	#-0.02
39) Acenaphthene-d10	14.737	164	32823	20.00	ng	-0.01
64) Phenanthrene-d10	17.492	188	95414	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	120095	20.00	ng	-0.01
86) Perylene-d12	25.125	264	124930	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	113689	136.74	ng	0.00
7) Phenol-d6	7.246	99	131087	108.71	ng	0.00
23) Nitrobenzene-d5	9.255	82	128002	110.01	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	82404	190.98	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	251313	113.80	ng	-0.01
79) Terphenyl-d14	20.107	244	623440	94.94	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.255	70	21402	25.75	ng	# 81
51) 2,6-Dinitrotoluene	14.737	165	5064	9.09	ng	# 17
57) 2,4-Dinitrotoluene	14.737	165	5064	6.42	ng	# 22
67) 4-Bromophenyl-phenylether	16.229	248	6404	6.05	ng	# 1
77) Benzidine	20.107	184	12499	3.07	ng	# 88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
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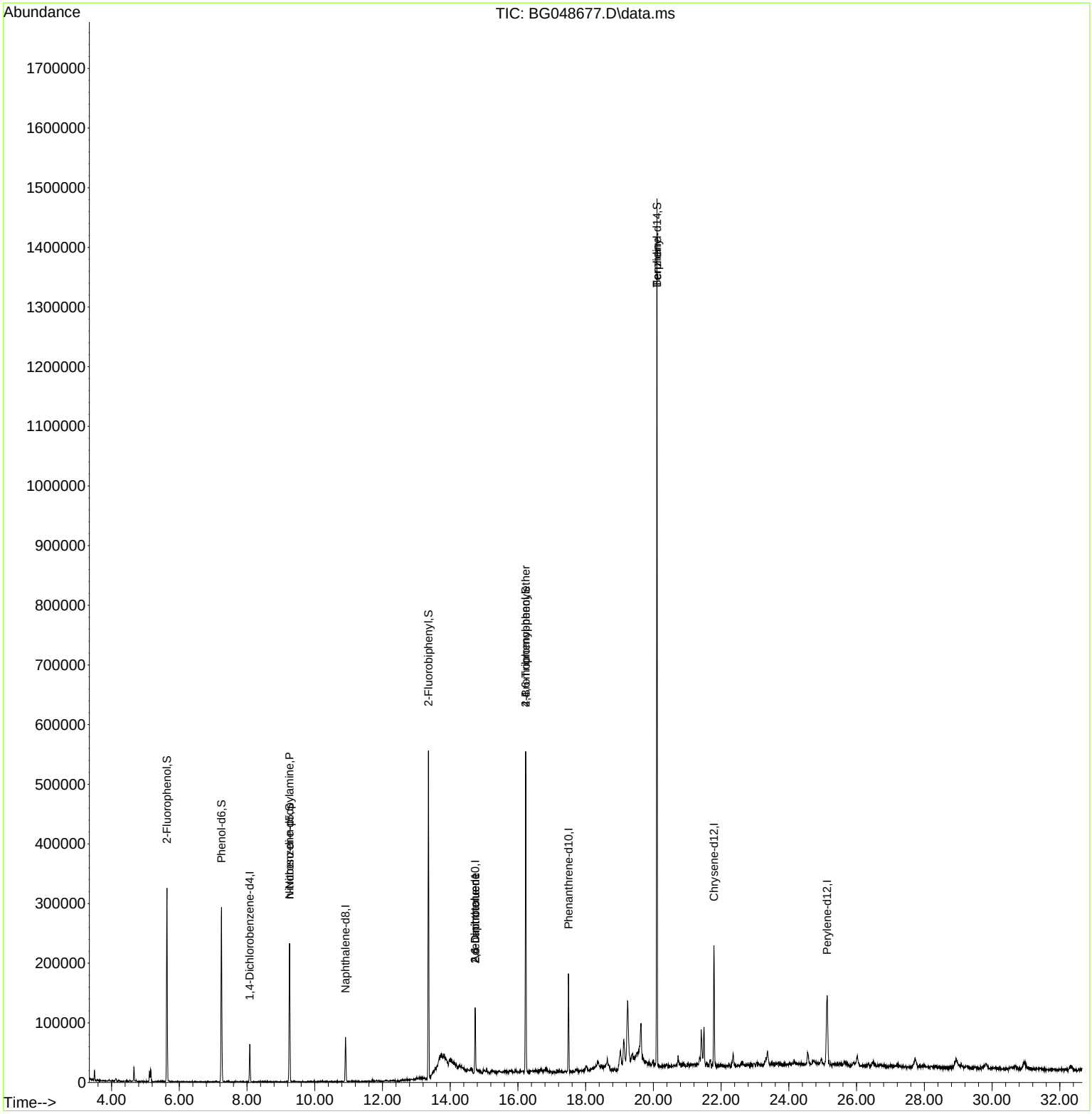
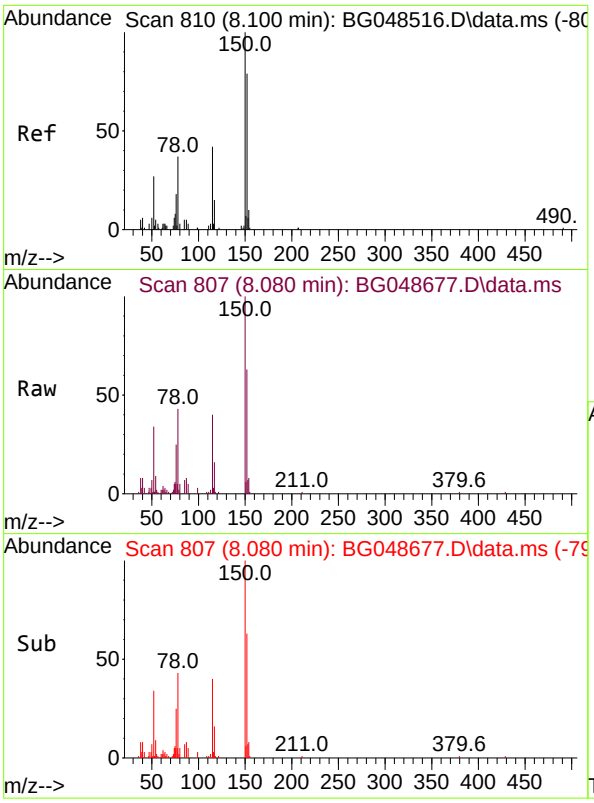
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

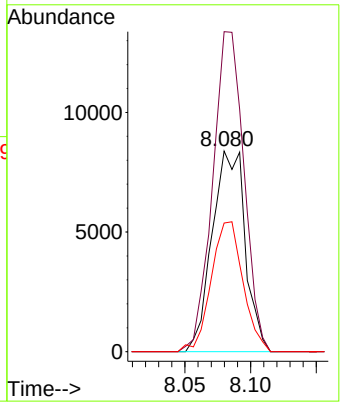




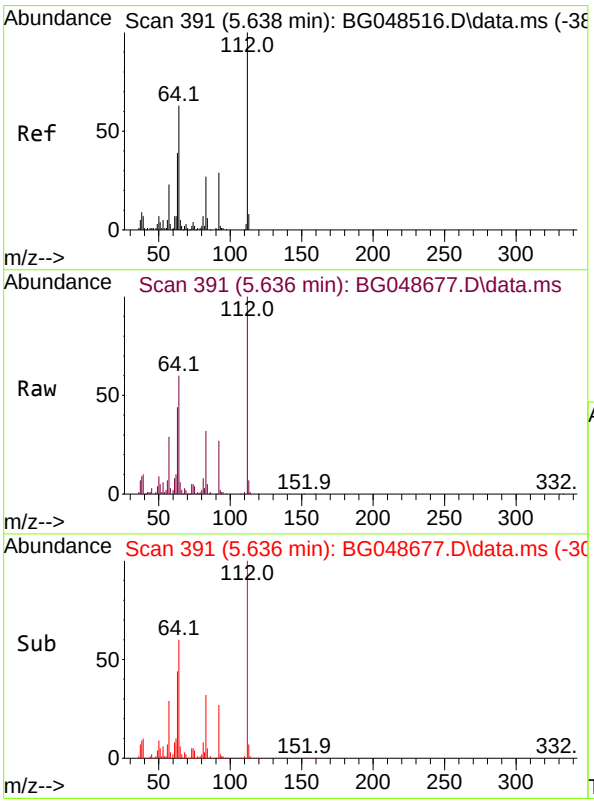
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.080 min Scan# 807
Delta R.T. -0.020 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:152 Resp: 14679

Ion	Ratio	Lower	Upper
152	100		
150	159.5	101.3	151.9#
115	64.1	42.3	63.5#



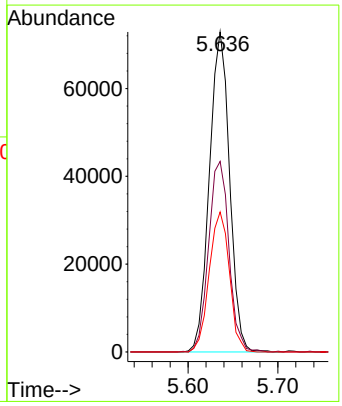
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1



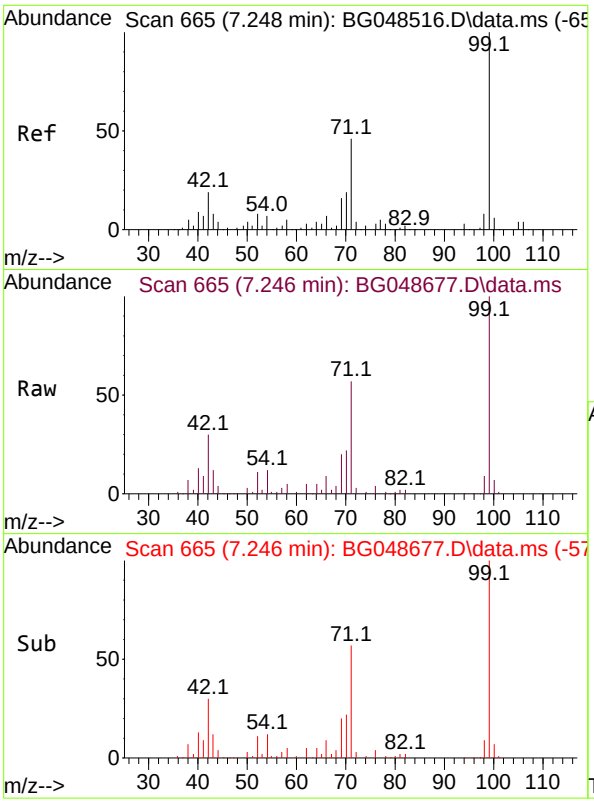
#5
2-Fluorophenol
Concen: 136.74 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:112 Resp: 113689

Ion	Ratio	Lower	Upper
112	100		
64	59.6	50.4	75.6
63	43.7	31.4	47.2



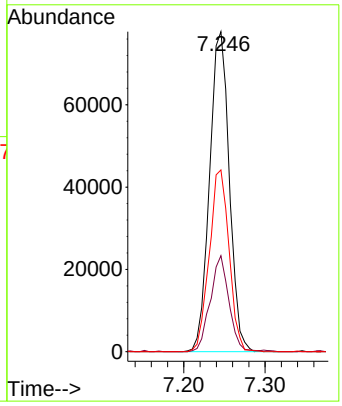
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1

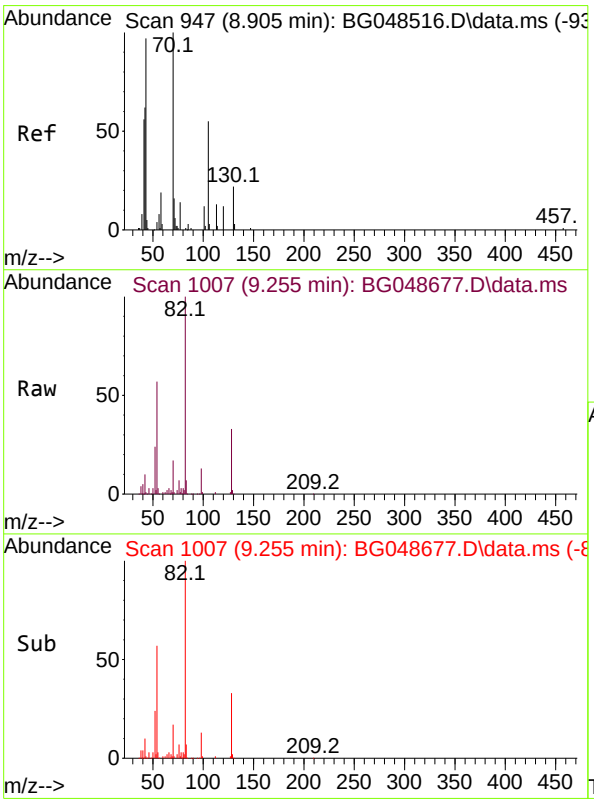


#7
Phenol-d6
Concen: 108.71 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion: 99 Resp: 131087

Ion	Ratio	Lower	Upper
99	100		
42	30.0	15.5	23.3#
71	56.8	36.6	54.8#

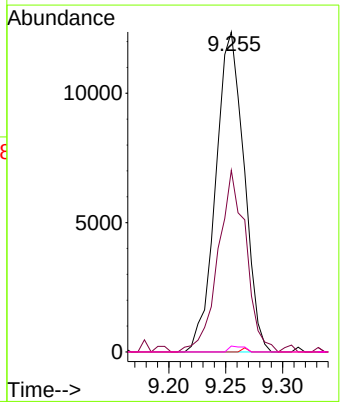


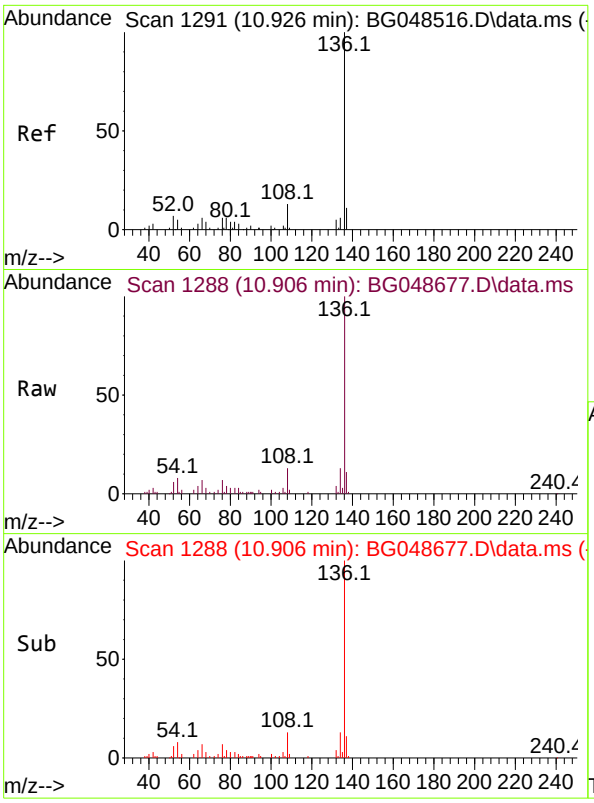


#19
n-Nitroso-di-n-propylamine
Concen: 25.75 ng
RT: 9.255 min Scan# 1007
Delta R.T. 0.350 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion: 70 Resp: 21402

Ion	Ratio	Lower	Upper
70	100		
42	56.8	50.8	76.2
101	0.0	9.7	14.5#
130	1.8	17.4	26.0#

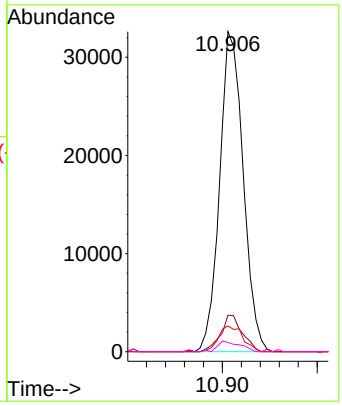




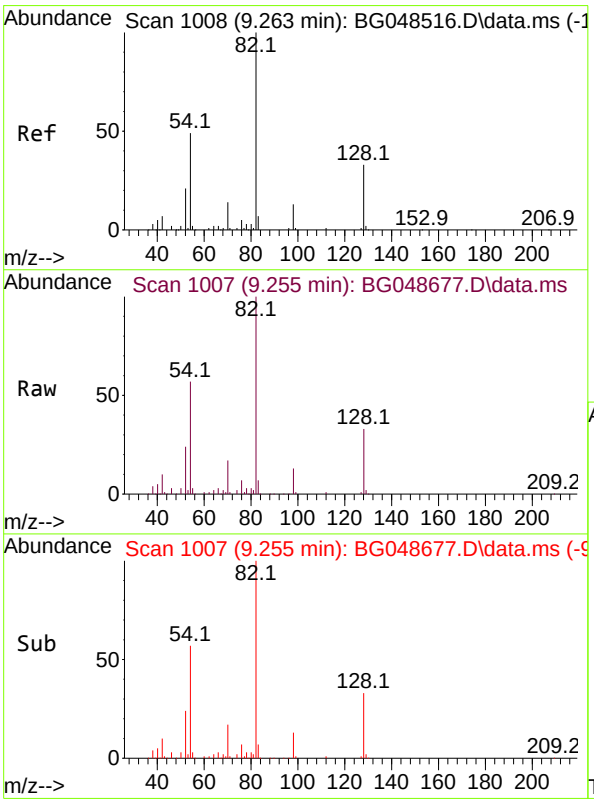
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.020 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:136 Resp: 56332

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.1	4.2	6.4#
68	2.9	3.0	4.4#



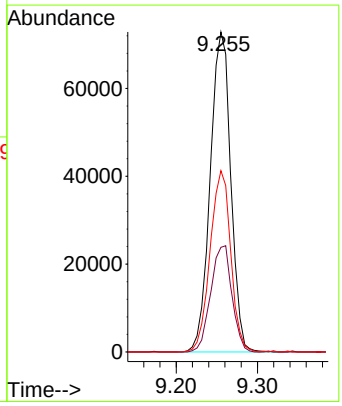
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1



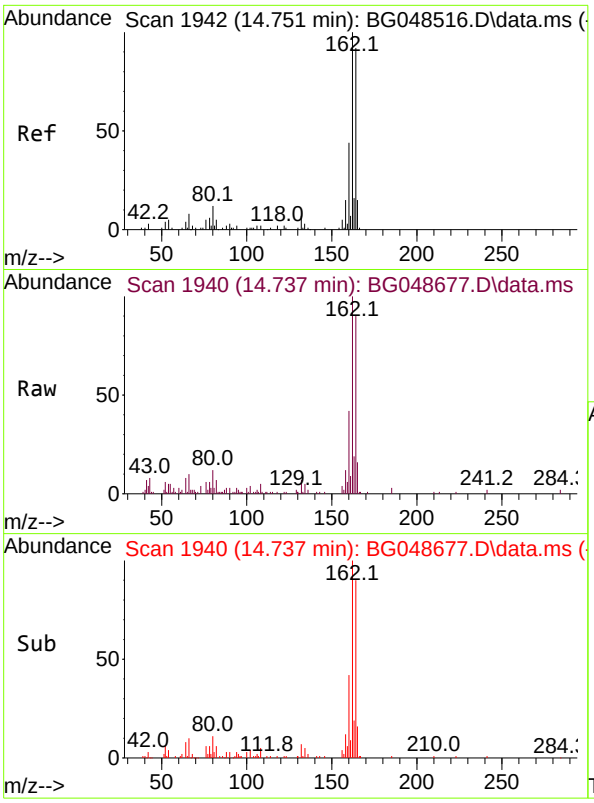
#23
Nitrobenzene-d5
Concen: 110.01 ng
RT: 9.255 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion: 82 Resp: 128002

Ion	Ratio	Lower	Upper
82	100		
128	32.7	26.2	39.4
54	56.6	38.9	58.3



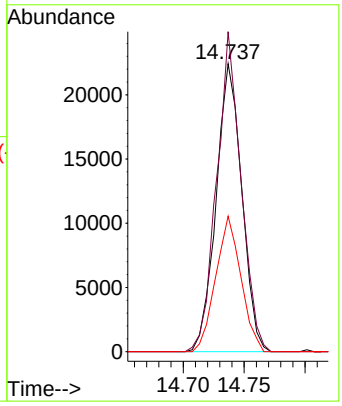
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1

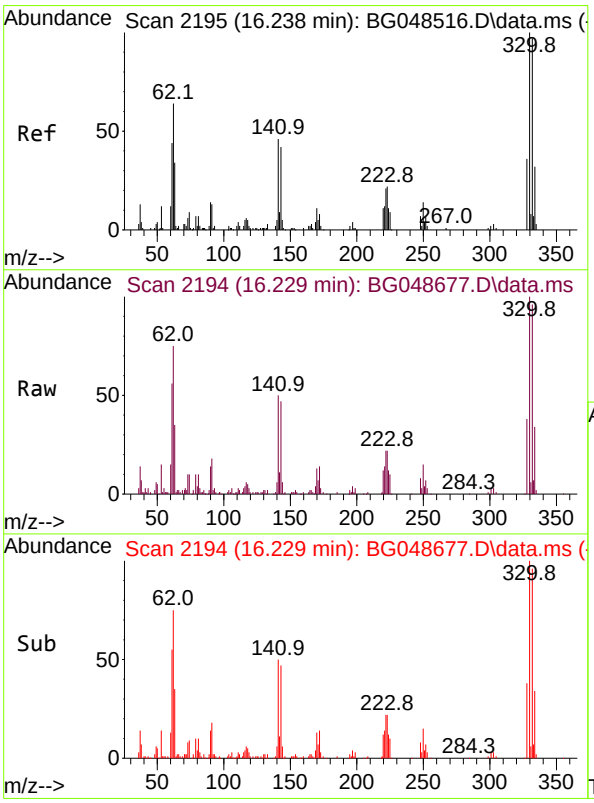


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.014 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:164 Resp: 32823

Ion	Ratio	Lower	Upper
164	100		
162	111.1	87.0	130.6
160	47.0	38.4	57.6

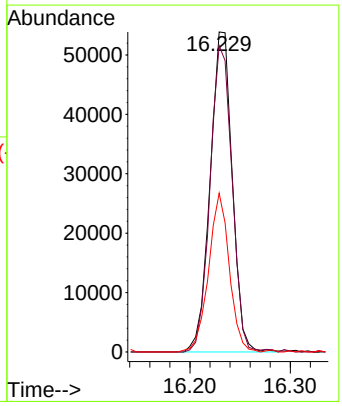




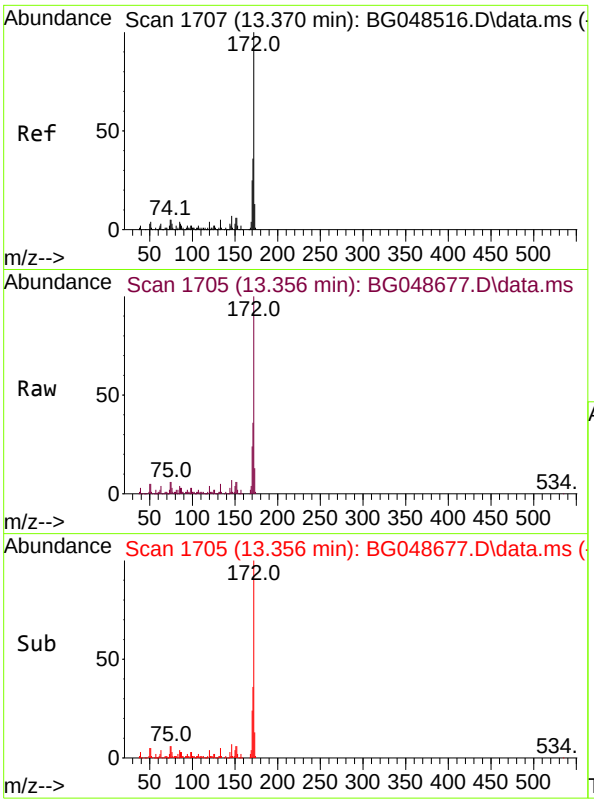
#42
2,4,6-Tribromophenol
Concen: 190.98 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:330 Resp: 82404

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.6	116.4
141	46.5	34.6	52.0



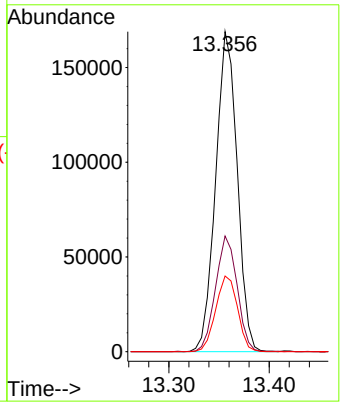
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1

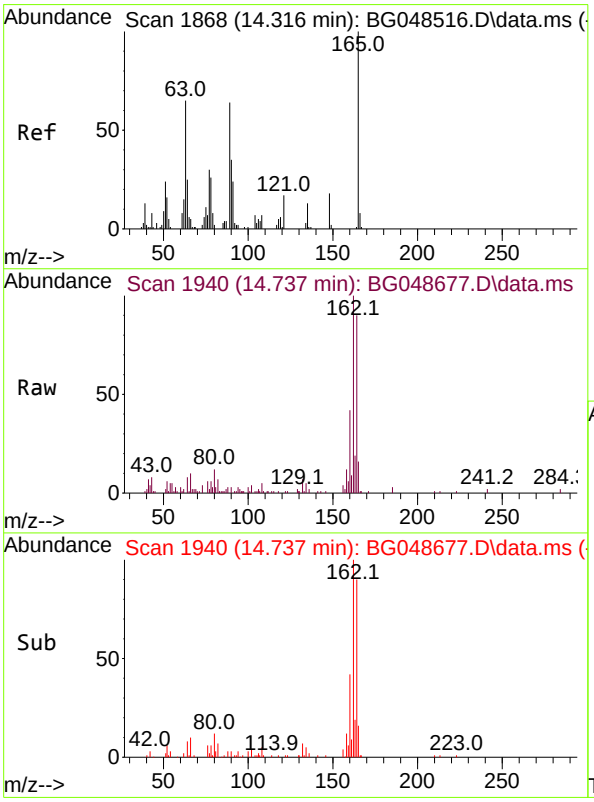


#45
2-Fluorobiphenyl
Concen: 113.80 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.014 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:172 Resp: 251313

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.7	19.8	29.6

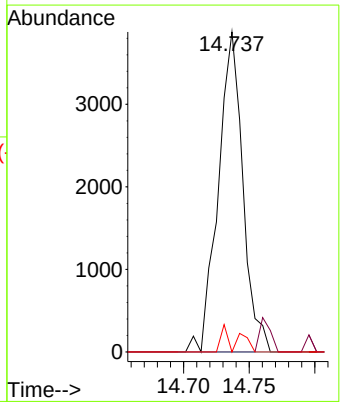




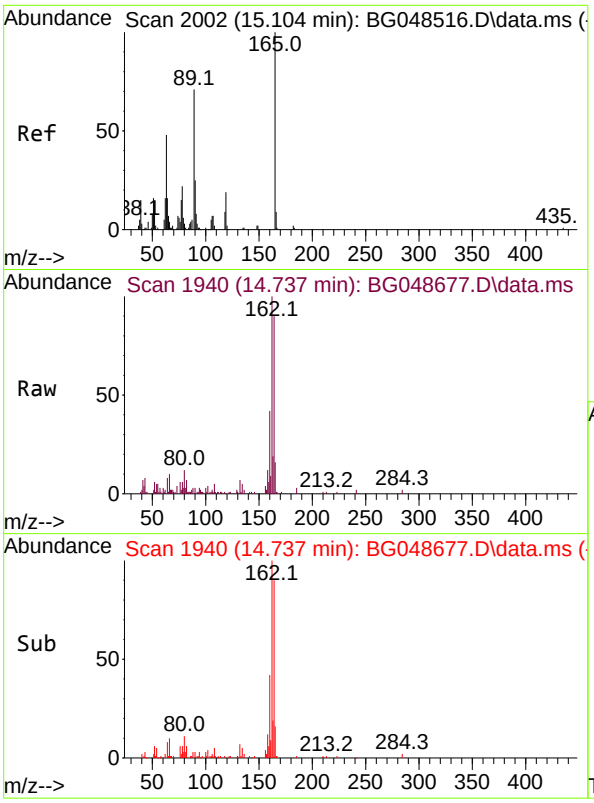
#51
2,6-Dinitrotoluene
Concen: 9.09 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.420 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:165 Resp: 5064

Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.8	80.6#
89	0.0	50.8	76.2#



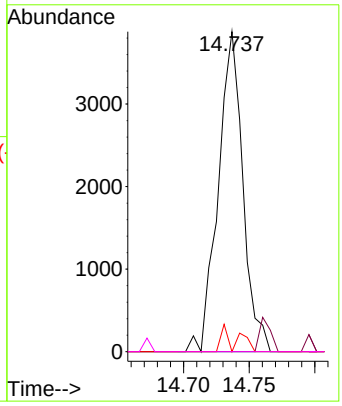
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1

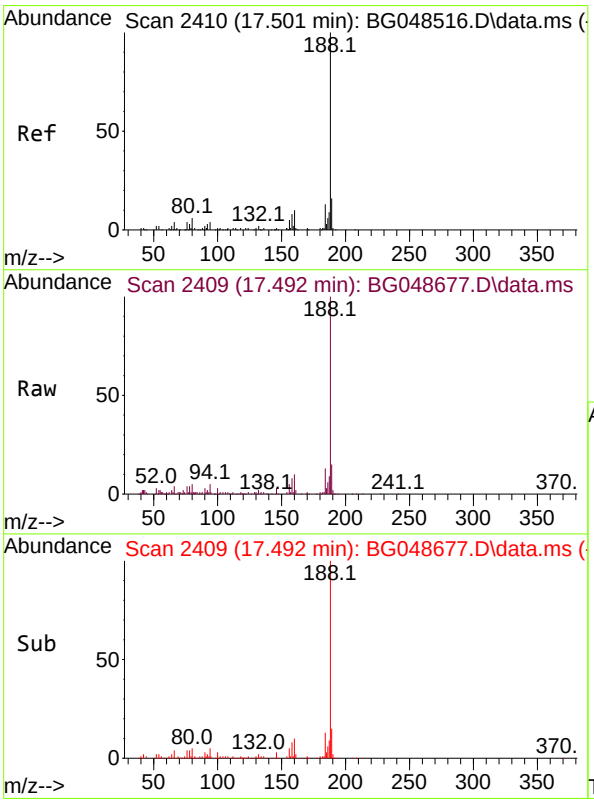


#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.367 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:165 Resp: 5064

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	56.5	84.7#
182	0.0	1.8	2.6#

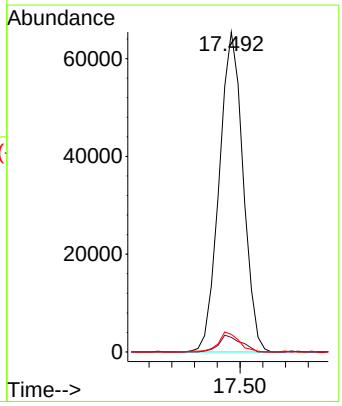




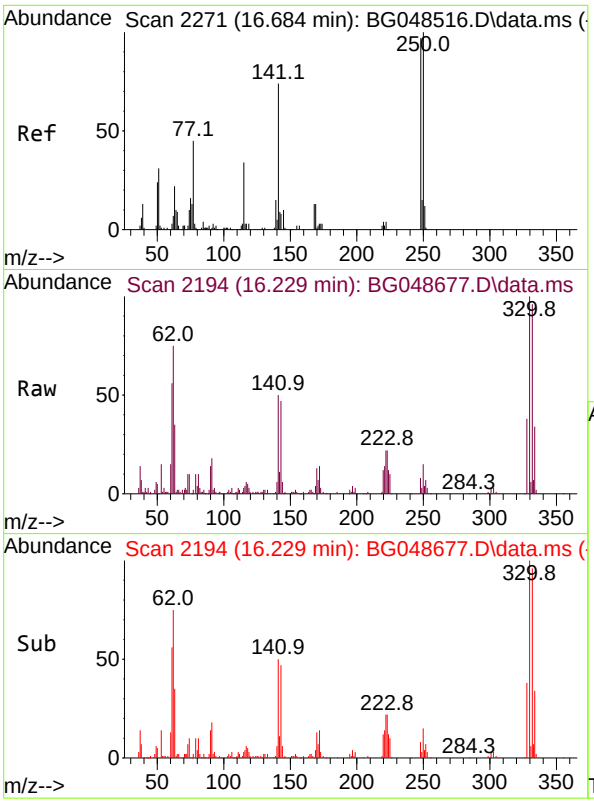
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:188 Resp: 95414

Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.0	4.6#
80	5.5	4.5	6.7



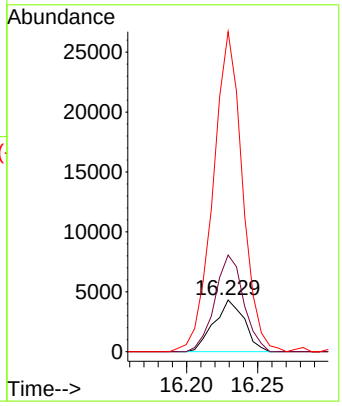
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1

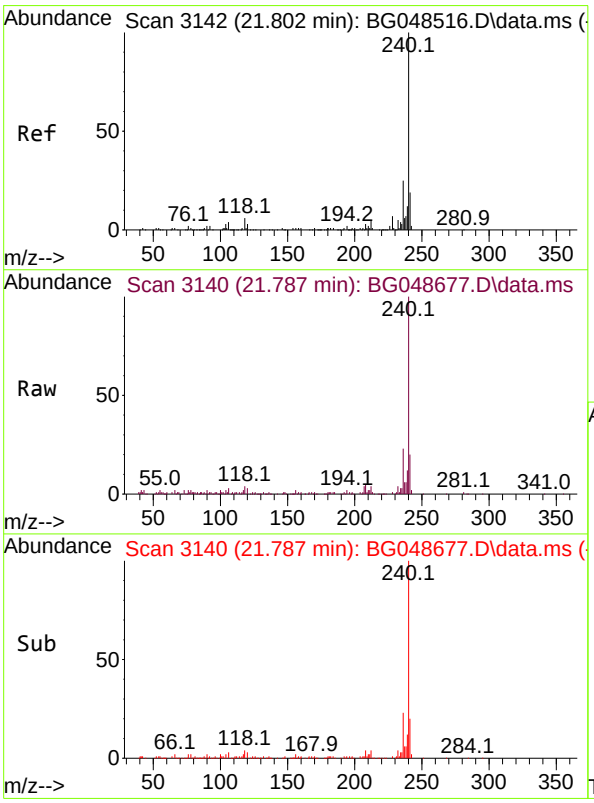


#67
4-Bromophenyl-phenylether
Concen: 6.05 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.455 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:248 Resp: 6404

Ion	Ratio	Lower	Upper
248	100		
250	186.9	82.6	124.0#
141	618.5	61.0	91.6#

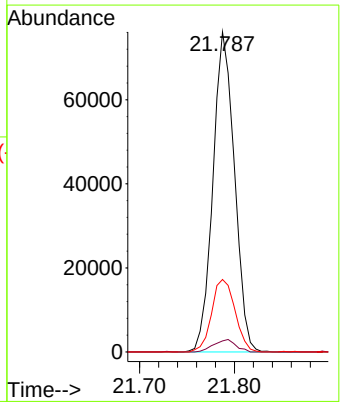


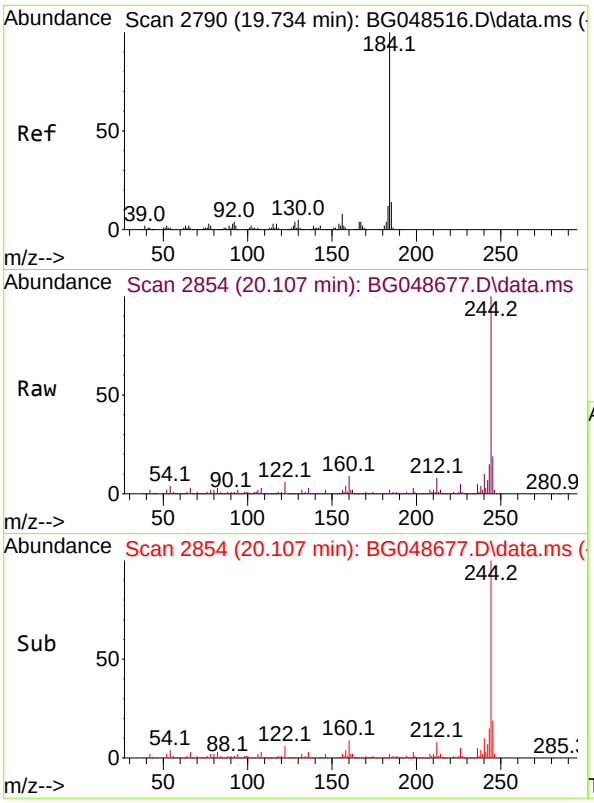


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.014 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:240 Resp: 120095

Ion	Ratio	Lower	Upper
240	100		
120	3.5	2.6	3.8
236	22.6	19.8	29.6

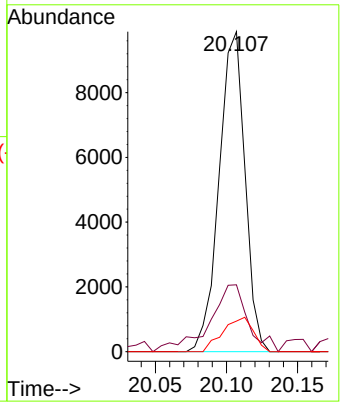




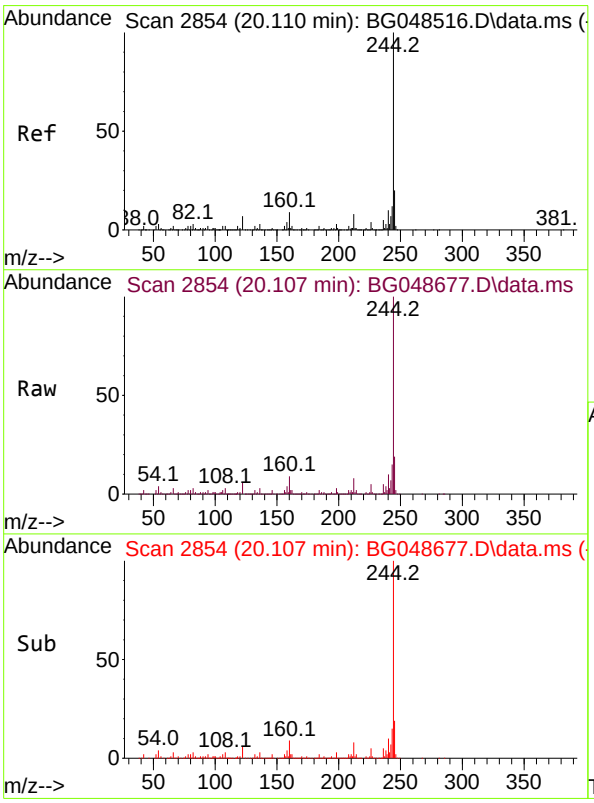
#77
Benzidine
Concen: 3.07 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:184 Resp: 12499

Ion	Ratio	Lower	Upper
184	100		
185	20.9	11.0	16.4#
183	9.6	9.2	13.8



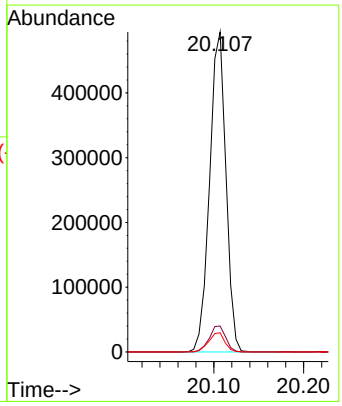
Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1

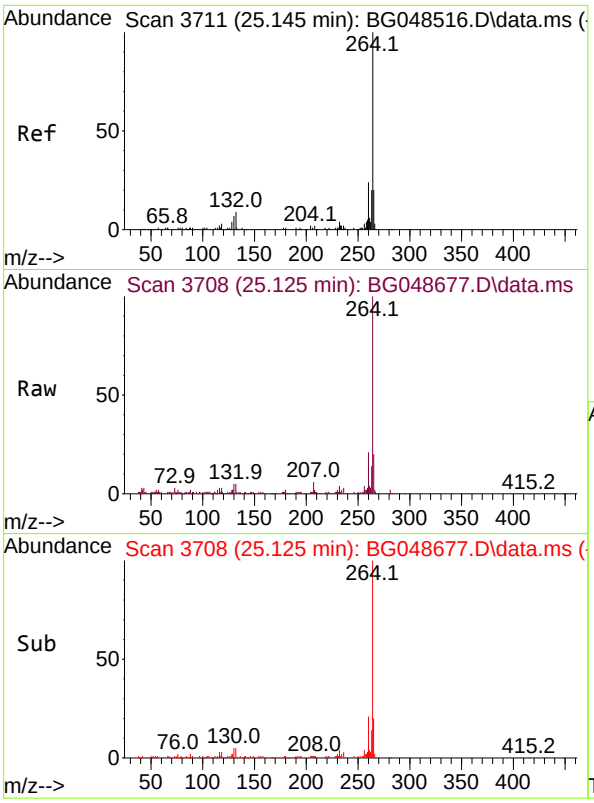


#79
Terphenyl-d14
Concen: 94.94 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:244 Resp: 623440

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	6.0	5.8	8.6

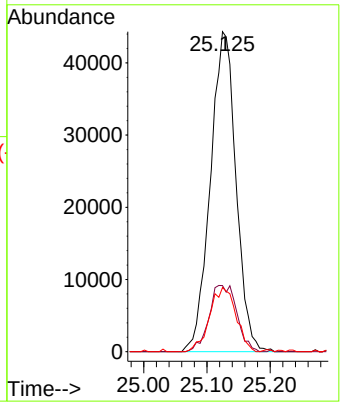




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.125 min Scan# 3708
Delta R.T. -0.020 min
Lab File: BG048677.D
Acq: 13 Apr 2021 17:00

Tgt Ion:264 Resp: 124930

Ion	Ratio	Lower	Upper
264	100		
260	20.6	19.1	28.7
265	20.1	16.1	24.1



Instrument :
BNA_G
ClientSampleId :
JCSY-WC1-1