Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048686.D
Acq On : 13 Apr 2021 23:04
Operator : CG/JU
Sample : M1991-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JCSY-WC2-1

Quant Time: Apr 14 00:33:17 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	8.079	152	17853	20.00	ng	-0.02
21) Naphthalene-d8	10.905	136	68804	20.00	ng	#-0.02
39) Acenaphthene-d10	14.736	164	47259	20.00	ng	-0.02
64) Phenanthrene-d10	17.492	188	123869	20.00	ng	0.00
76) Chrysene-d12	21.787	240	130308	20.00	ng	#-0.02
86) Perylene-d12	25.124	264	128679	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	134397	132.91	ng	0.00
7) Phenol-d6	7.245	99	146007	99.56	ng	0.00
23) Nitrobenzene-d5	9.254	82	155582	109.48	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	106655	171.68	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	327900	103.13	ng	-0.02
79) Terphenyl-d14	20.106	244	713529	100.14	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.254	70	25016	24.75	ng	# 83
51) 2,6-Dinitrotoluene	14.736	165	6406	7.98	ng	# 17
57) 2,4-Dinitrotoluene	14.736	165	6406	5.64	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	8493	6.19	ng	# 1
77) Benzidine	20.106	184	15594	3.53	ng	98

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

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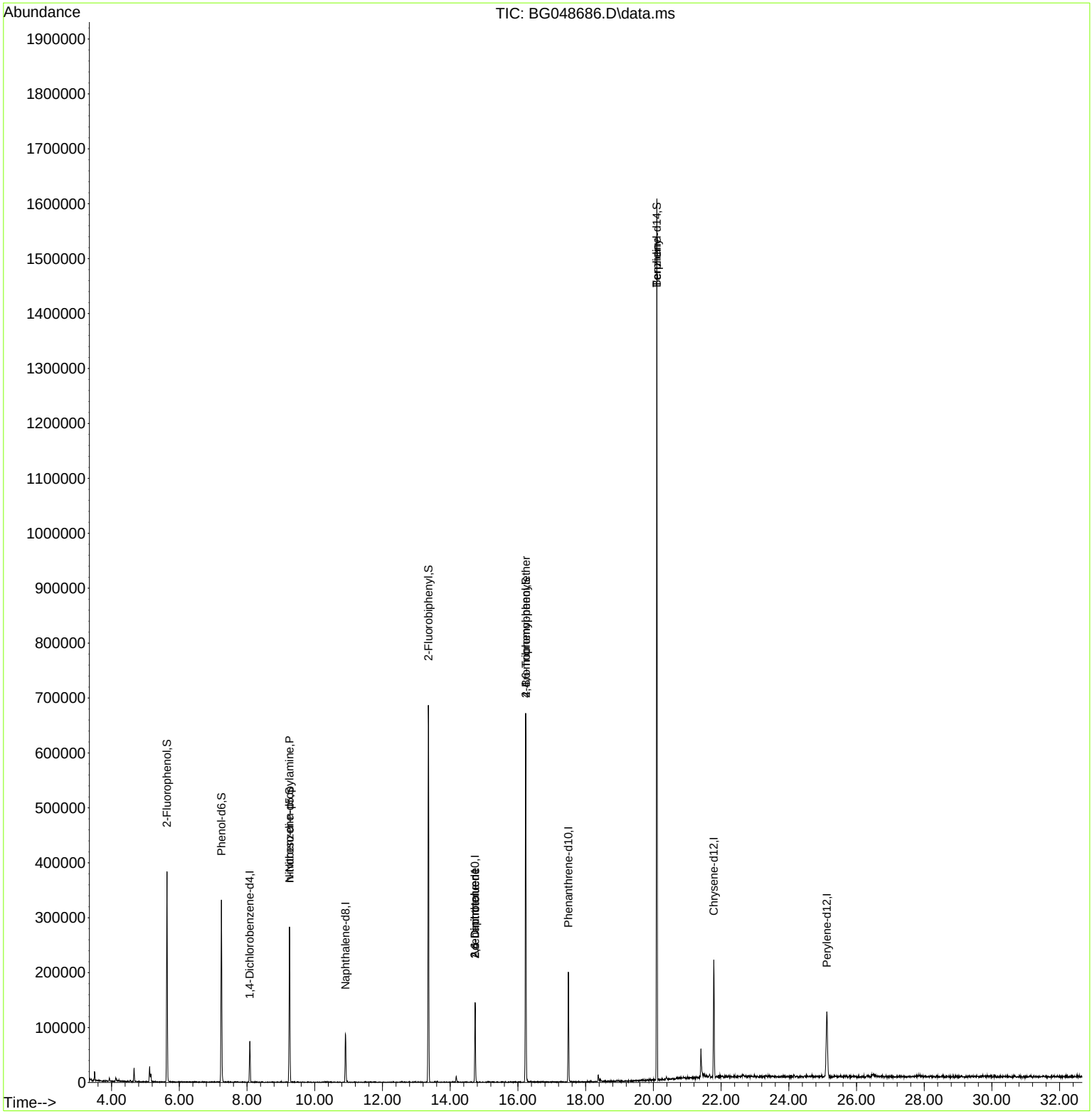

Instrument :
BNA_G
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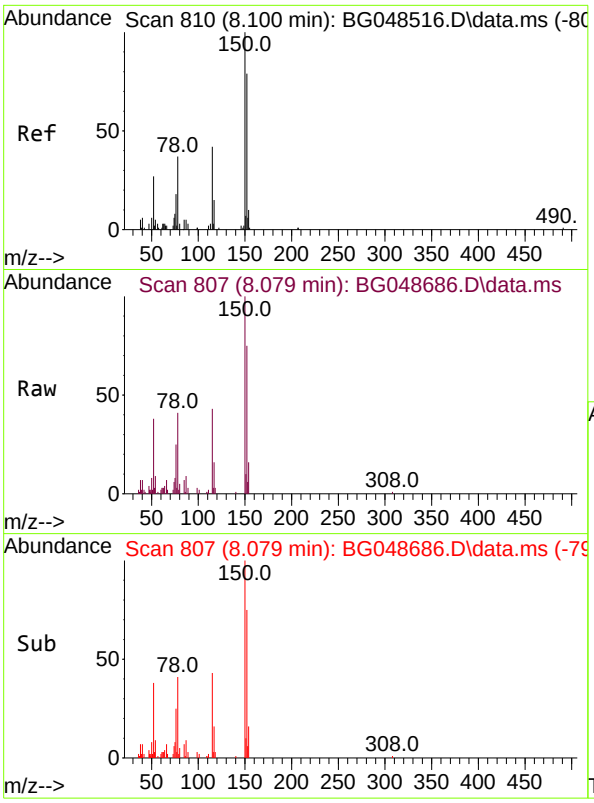
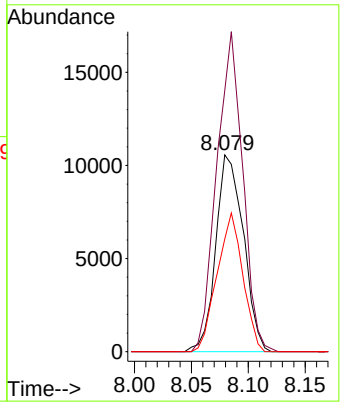
JCSY-WC2-1

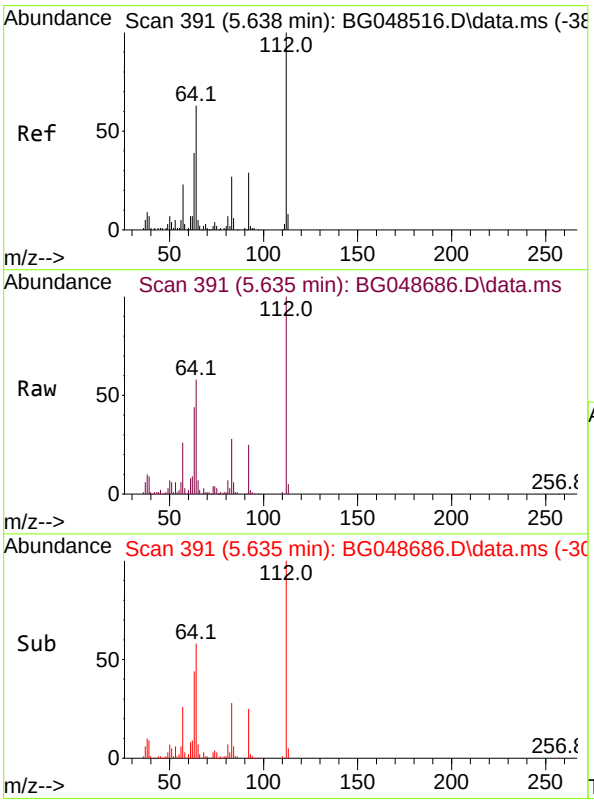


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.021 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:152 Resp: 17853

Ion	Ratio	Lower	Upper
152	100		
150	132.6	101.3	151.9
115	57.2	42.3	63.5

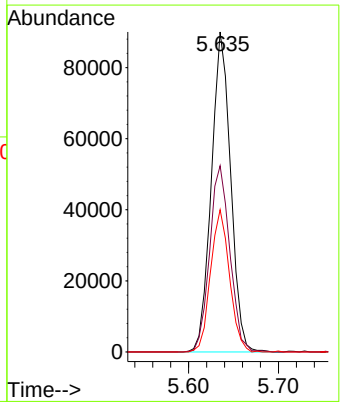




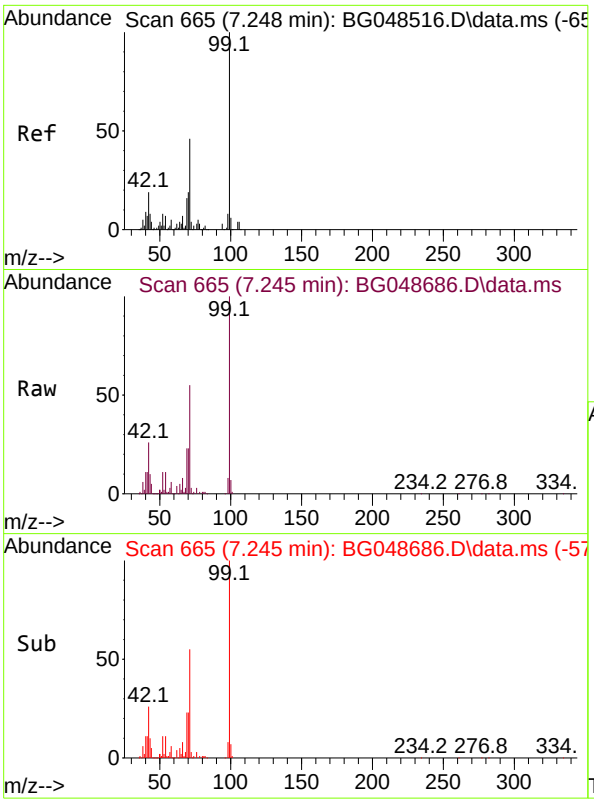
#5
2-Fluorophenol
Concen: 132.91 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:112 Resp: 134397

Ion	Ratio	Lower	Upper
112	100		
64	58.2	50.4	75.6
63	44.4	31.4	47.2



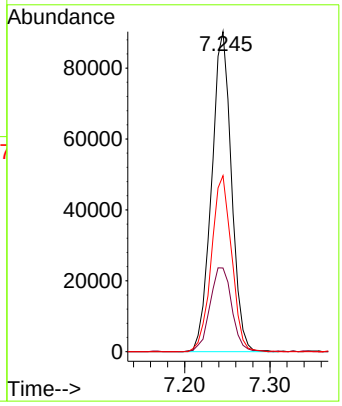
Instrument :
BNA_G
ClientSampleId :
JCSY-WC2-1

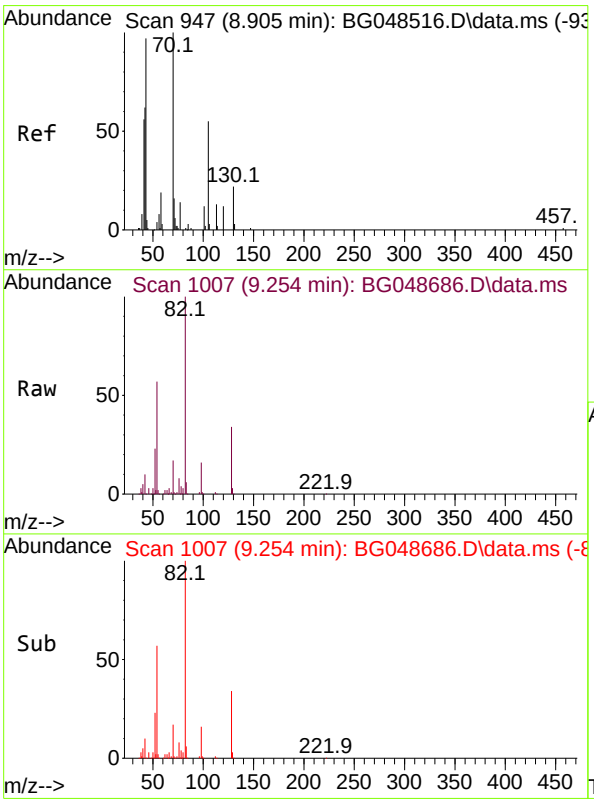


#7
Phenol-d6
Concen: 99.56 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion: 99 Resp: 146007

Ion	Ratio	Lower	Upper
99	100		
42	26.2	15.5	23.3#
71	55.0	36.6	54.8#

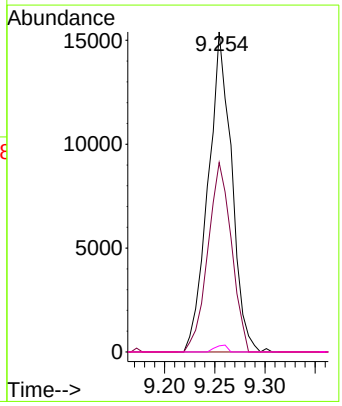




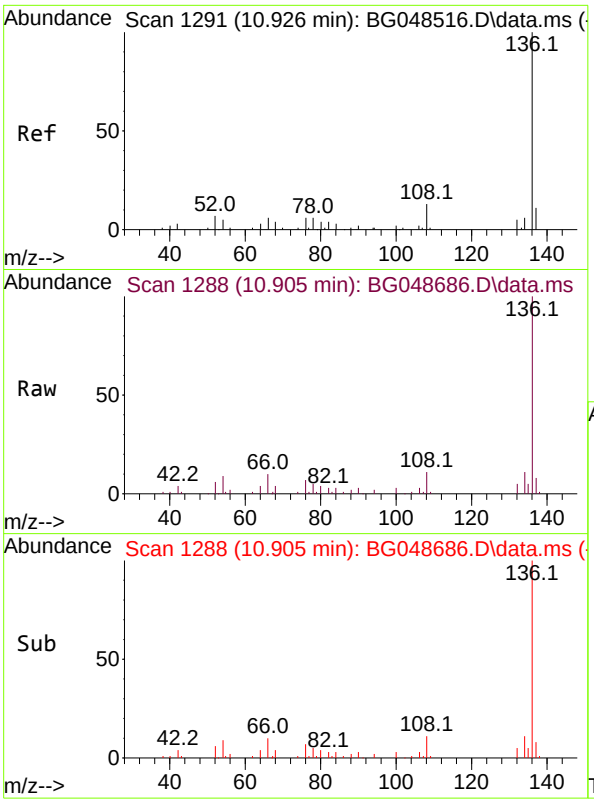
#19
n-Nitroso-di-n-propylamine
Concen: 24.75 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.349 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion: 70 Resp: 25016

Ion	Ratio	Lower	Upper
70	100		
42	59.2	50.8	76.2
101	0.0	9.7	14.5#
130	1.9	17.4	26.0#



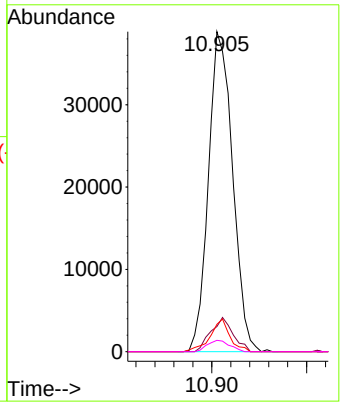
Instrument :
BNA_G
ClientSampleId :
JCSY-WC2-1

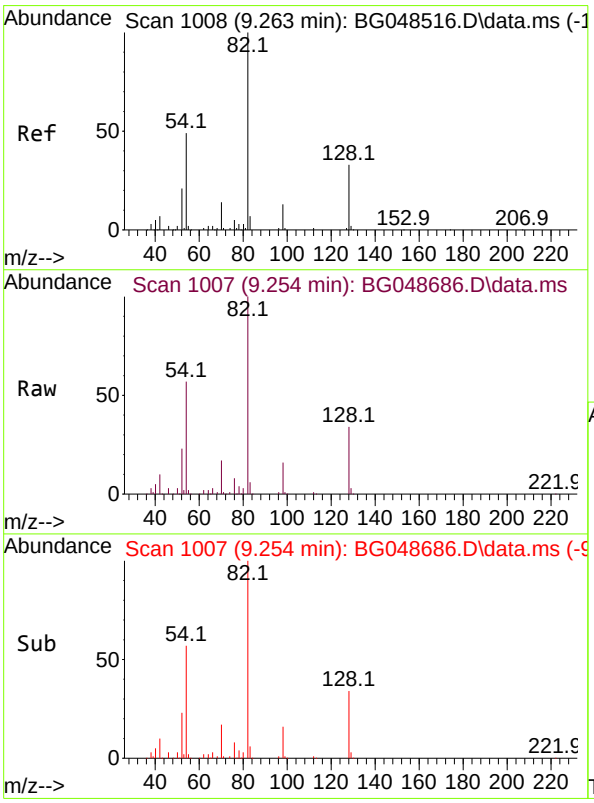


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.021 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:136 Resp: 68804

Ion	Ratio	Lower	Upper
136	100		
137	7.8	8.6	12.8#
54	8.6	4.2	6.4#
68	3.5	3.0	4.4

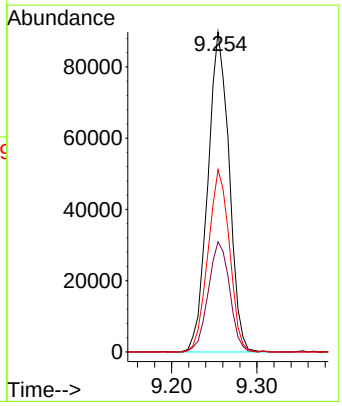




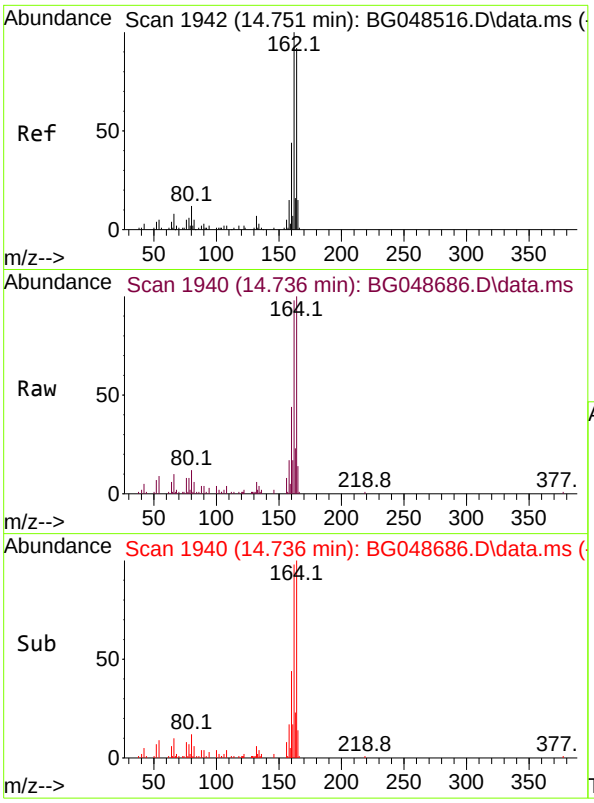
#23
Nitrobenzene-d5
Concen: 109.48 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion: 82 Resp: 155582

Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.2	39.4
54	57.0	38.9	58.3



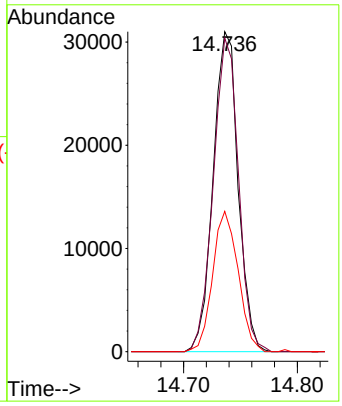
Instrument :
BNA_G
ClientSampleId :
JCSY-WC2-1

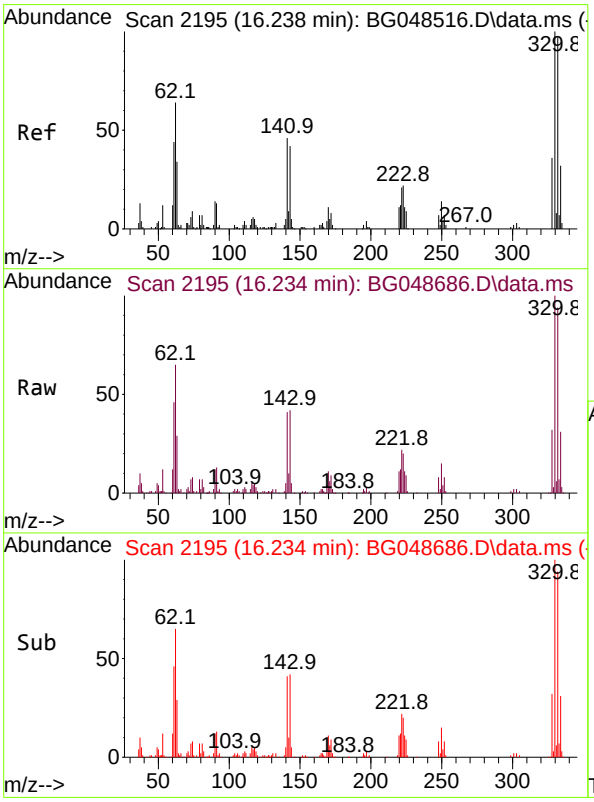


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.015 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:164 Resp: 47259

Ion	Ratio	Lower	Upper
164	100		
162	98.0	87.0	130.6
160	43.9	38.4	57.6

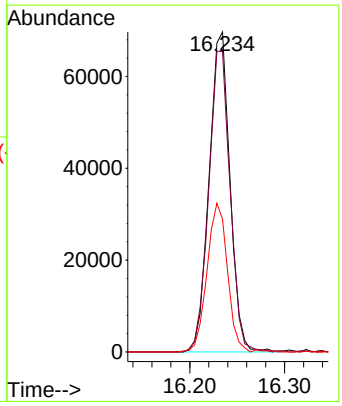


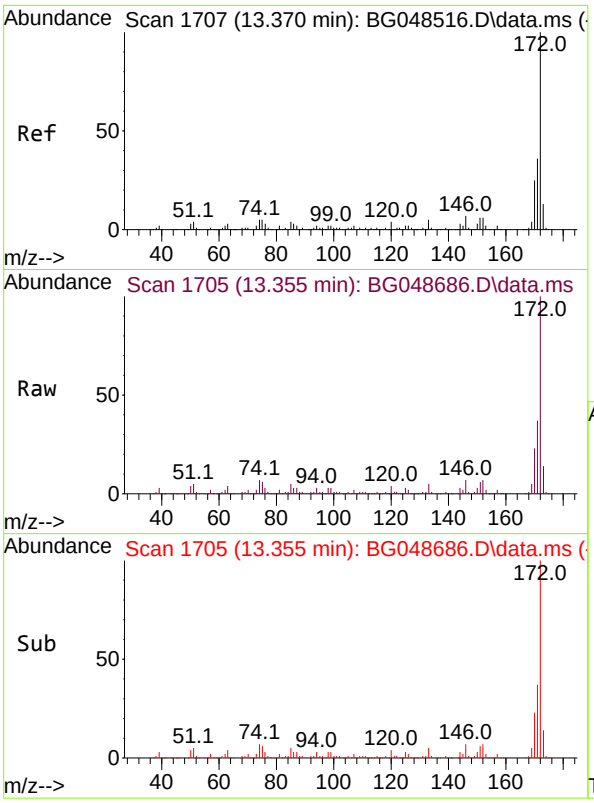


#42
2,4,6-Tribromophenol
Concen: 171.68 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:330 Resp: 106655

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	45.7	34.6	52.0

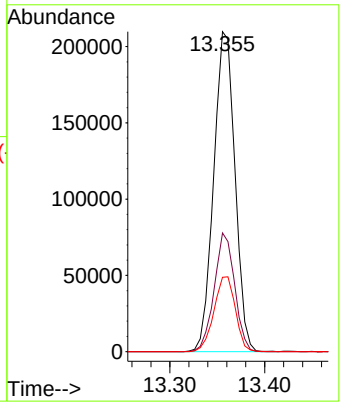




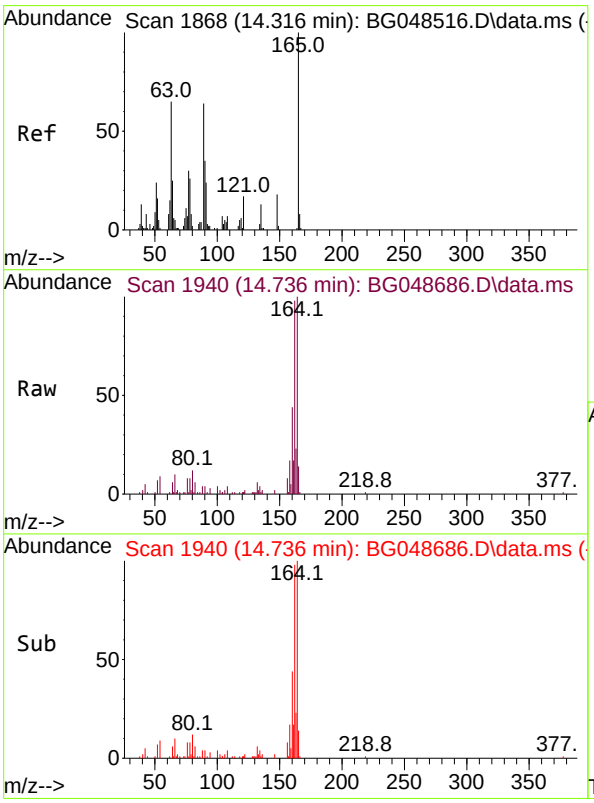
#45
2-Fluorobiphenyl
Concen: 103.13 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.015 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:172 Resp: 327900

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.5	42.7
170	23.2	19.8	29.6



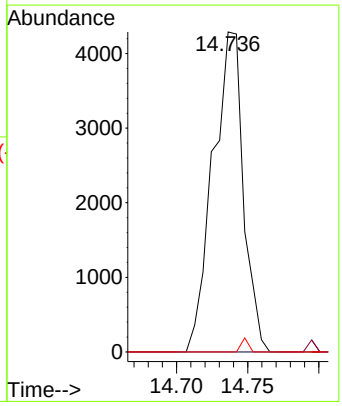
Instrument :
BNA_G
ClientSampleId :
JCSY-WC2-1



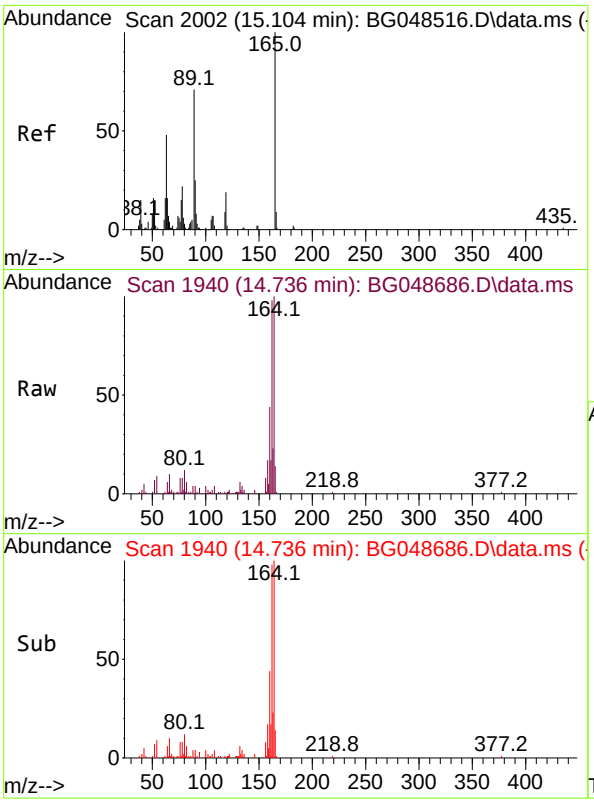
#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.420 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:165 Resp: 6406

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



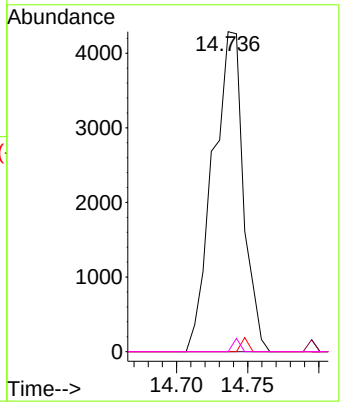
Instrument :
BNA_G
ClientSampleId :
JCSY-WC2-1

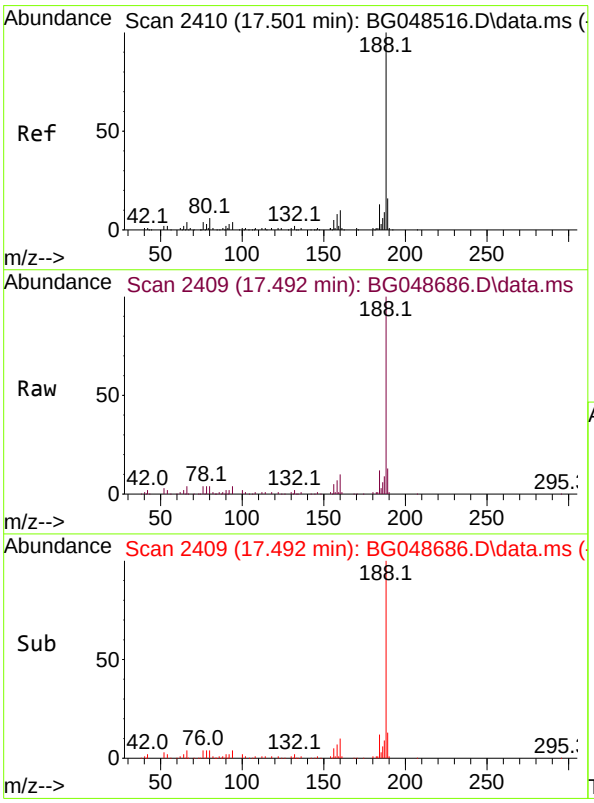


#57
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.368 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:165 Resp: 6406

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#

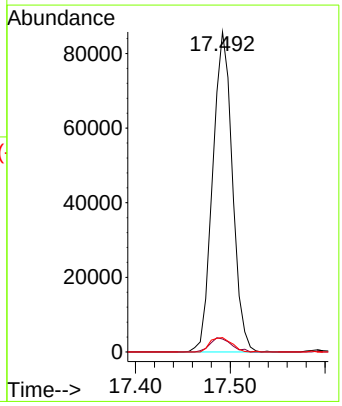




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:188 Resp: 123869

Ion	Ratio	Lower	Upper
188	100		
94	4.0	3.0	4.6
80	4.5	4.5	6.7



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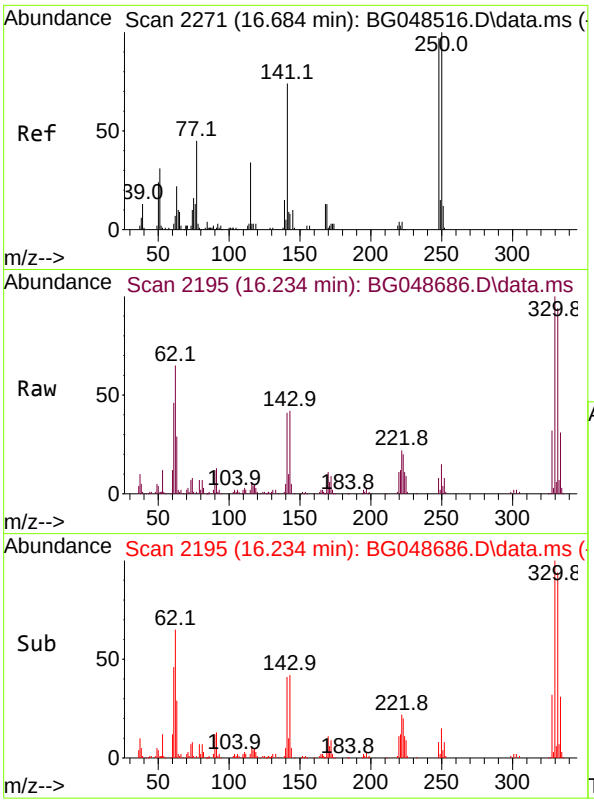
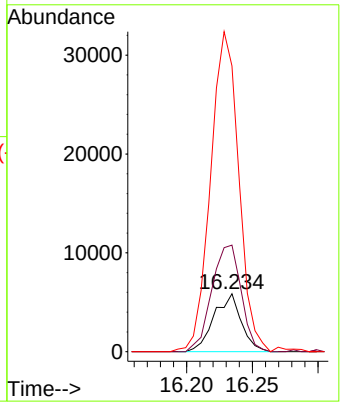
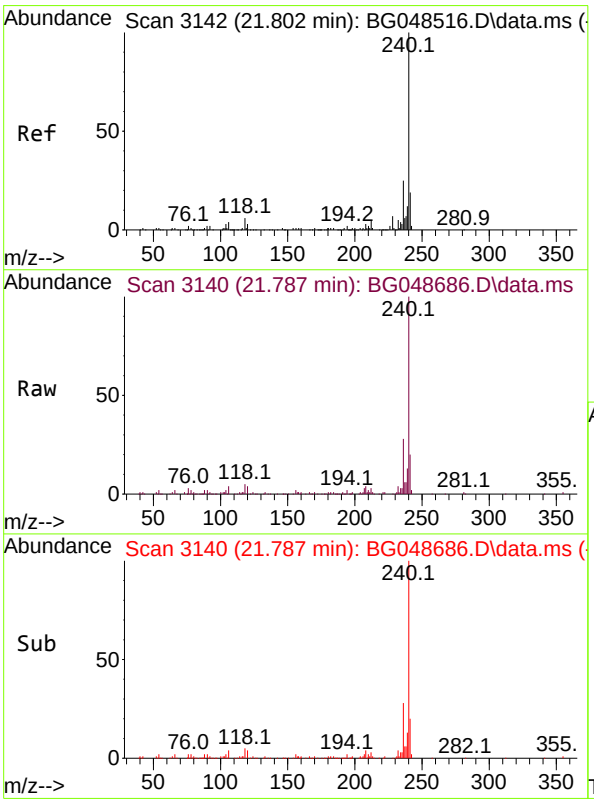


#67
4-Bromophenyl-phenylether
Concen: 6.19 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.450 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:248 Resp: 8493

Ion	Ratio	Lower	Upper
248	100		
250	184.1	82.6	124.0#
141	493.8	61.0	91.6#

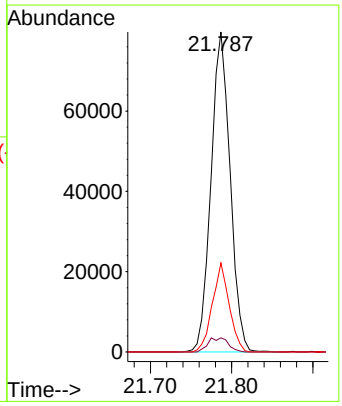


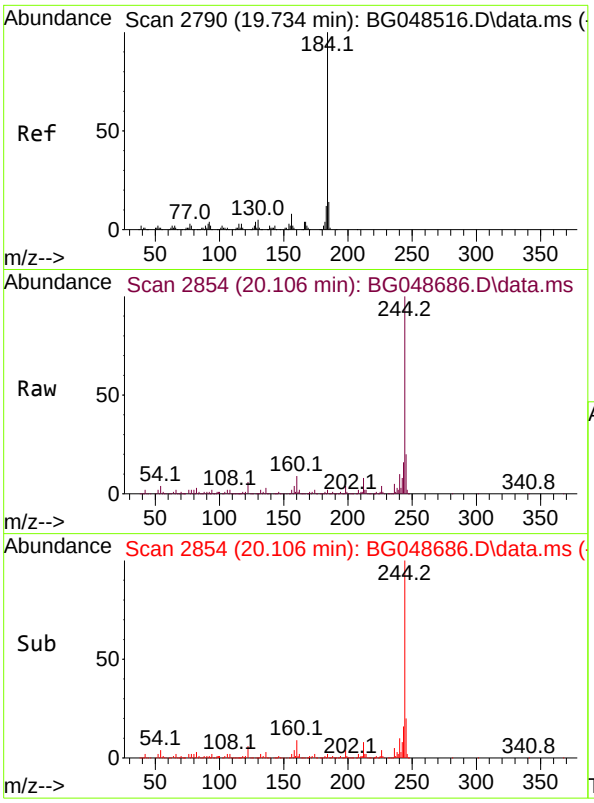


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.015 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:240 Resp: 130308

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	3.8#
236	27.8	19.8	29.6

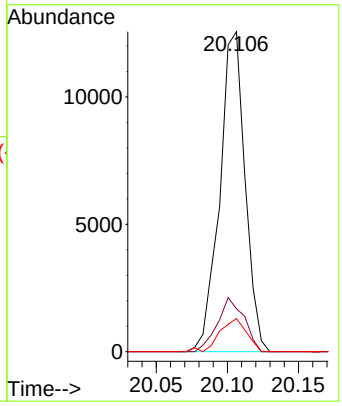




#77
Benzidine
Concen: 3.53 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:184 Resp: 15594

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.0	16.4
183	10.3	9.2	13.8



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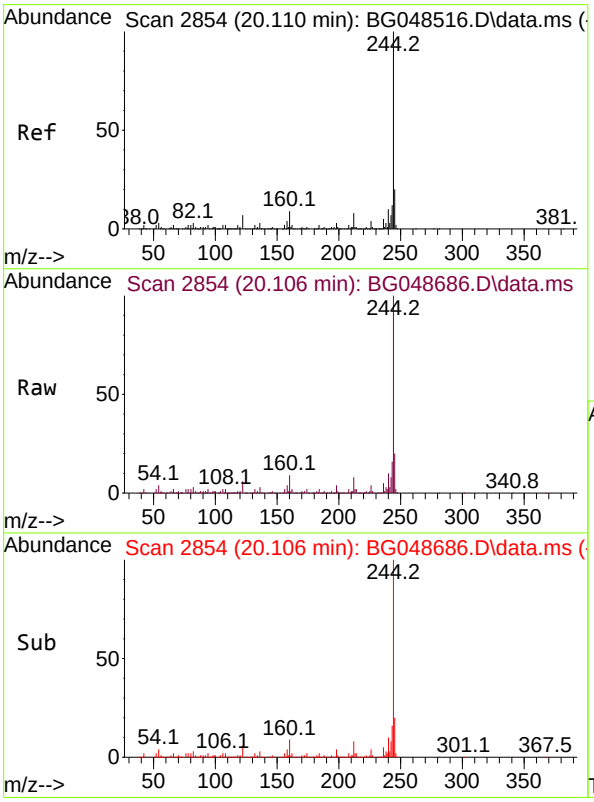
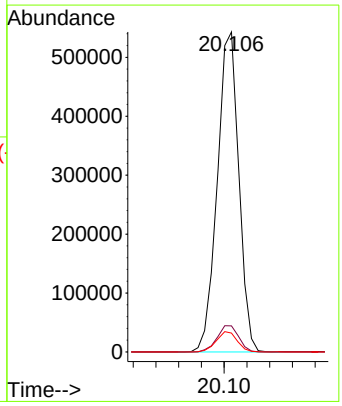
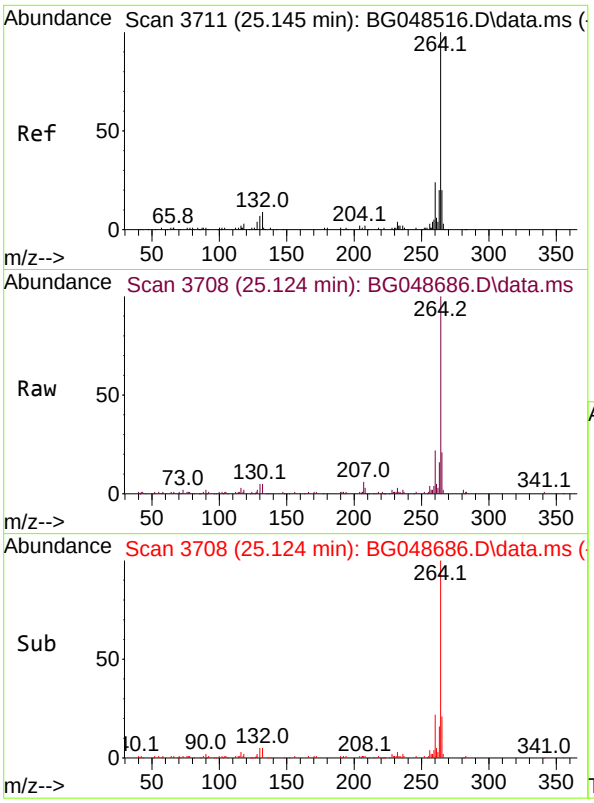


#79
Terphenyl-d14
Concen: 100.14 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:244 Resp: 713529

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	5.9	5.8	8.6

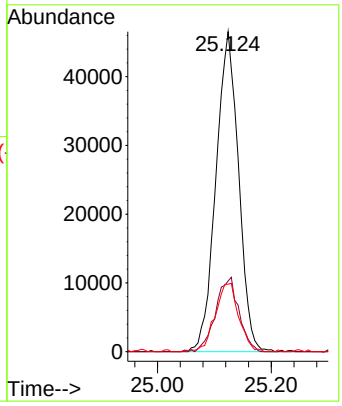




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.124 min Scan# 3708
Delta R.T. -0.021 min
Lab File: BG048686.D
Acq: 13 Apr 2021 23:04

Tgt Ion:264 Resp: 128679

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.1	28.7
265	21.1	16.1	24.1



Instrument :
BNA_G
ClientSampleId :
JCSY-WC2-1