Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
Data File : BG047773.D
Acq On : 18 Dec 2020 13:24
Operator : CG/JU
Sample : PB133650TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB133650TB

Quant Time: Dec 18 15:15:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	35177	20.00	ng	# 0.00
21) Naphthalene-d8	11.028	136	132090	20.00	ng	# 0.00
39) Acenaphthene-d10	14.823	164	105777	20.00	ng	0.00
64) Phenanthrene-d10	17.555	188	253785	20.00	ng	# 0.00
76) Chrysene-d12	21.833	240	268086	20.00	ng	# 0.00
86) Perylene-d12	25.176	264	279846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.728	112	94539	46.49	ng	0.00
7) Phenol-d6	7.338	99	73297	24.66	ng	0.00
23) Nitrobenzene-d5	9.371	82	299608	83.43	ng	0.00
42) 2,4,6-Tribromophenol	16.304	330	222235	123.07	ng	0.00
45) 2-Fluorobiphenyl	13.448	172	658163	80.52	ng	0.00
79) Terphenyl-d14	20.146	244	1197251	73.59	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.371	70	49466	23.91	ng	# 72
51) 2,6-Dinitrotoluene	14.823	165	13958	7.53	ng	# 34
57) 2,4-Dinitrotoluene	14.823	165	13958	5.07	ng	# 32
67) 4-Bromophenyl-phenylether	16.304	248	15557	4.56	ng	# 1
70) Pentachlorophenol	16.938	266	70	Below Cal		# 19
77) Benzidine	20.146	184	24957	3.46	ng	# 85

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

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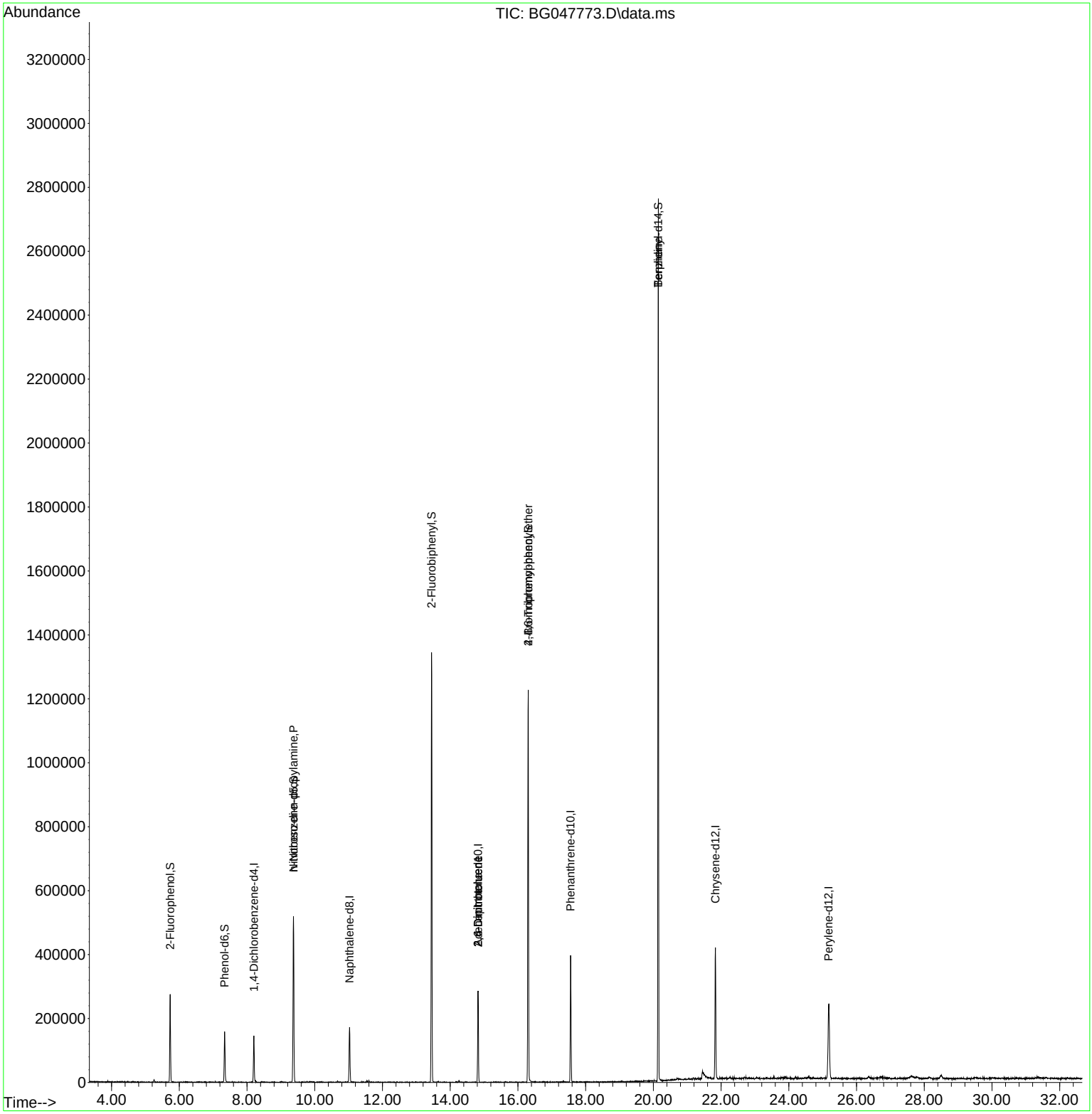
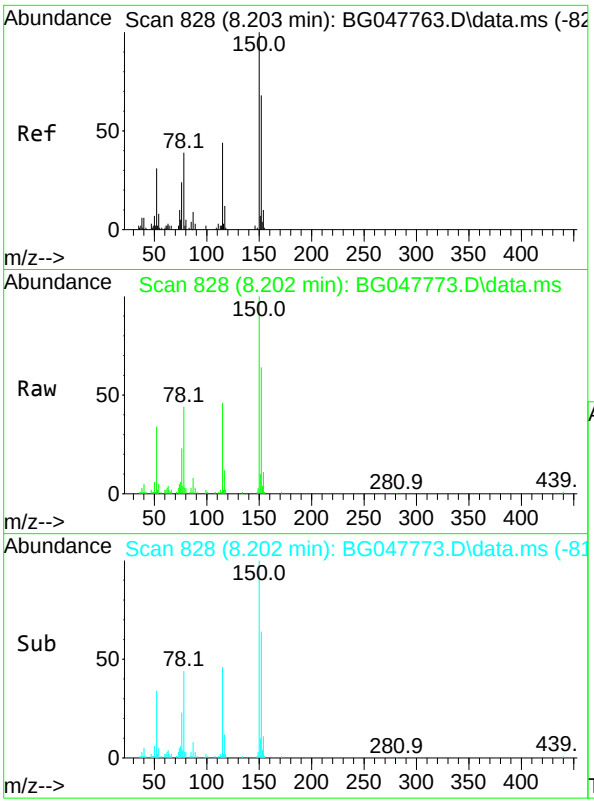


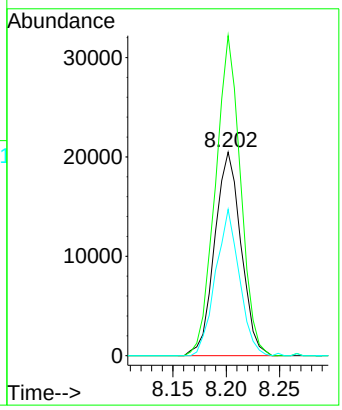
Instrument :
BNA_G
ClientSampleId :
PB133650TB

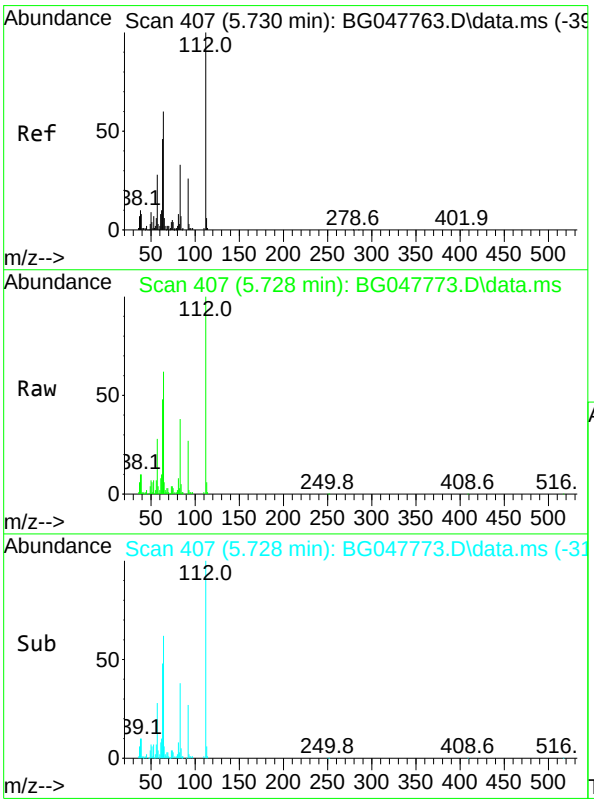


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.202 min Scan# 828
Delta R.T. -0.001 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:152 Resp: 35177

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.0	187.6
115	71.9	41.8	62.6#

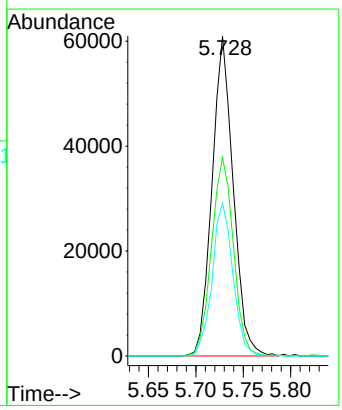




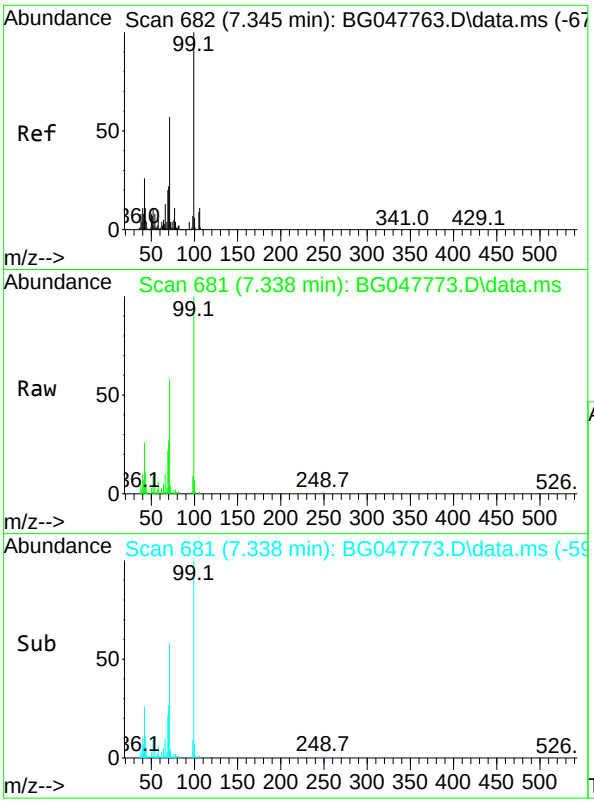
#5
2-Fluorophenol
Concen: 46.49 ng
RT: 5.728 min Scan# 407
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:112 Resp: 94539

Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.7	70.1
63	47.7	22.8	34.2#



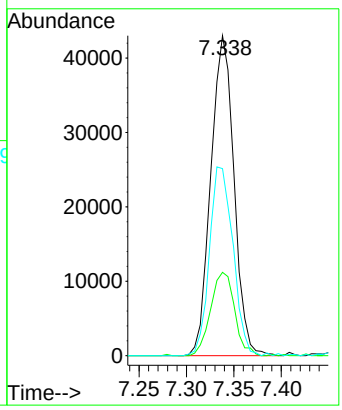
Instrument :
BNA_G
ClientSampleId :
PB133650TB

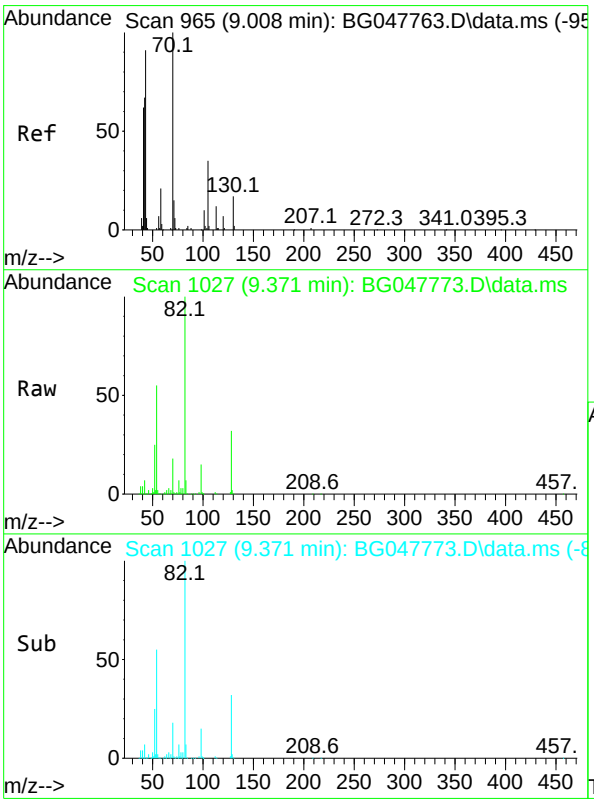


#7
Phenol-d6
Concen: 24.66 ng
RT: 7.338 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion: 99 Resp: 73297

Ion	Ratio	Lower	Upper
99	100		
42	26.0	12.8	19.2#
71	58.4	24.6	36.8#

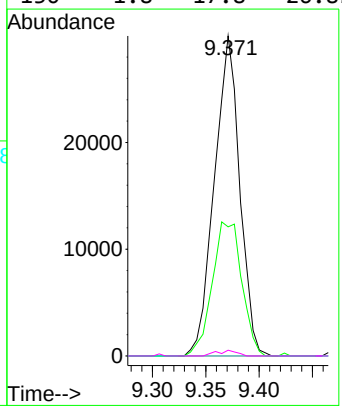




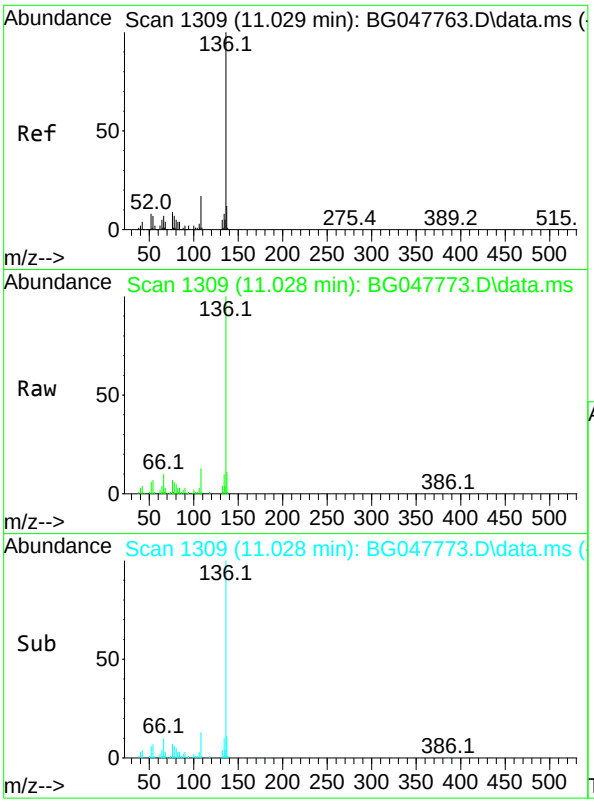
#19
n-Nitroso-di-n-propylamine
Concen: 23.91 ng
RT: 9.371 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion: 70 Resp: 49466

Ion	Ratio	Lower	Upper
70	100		
42	40.4	45.6	68.4#
101	0.0	8.4	12.6#
130	1.8	17.8	26.8#



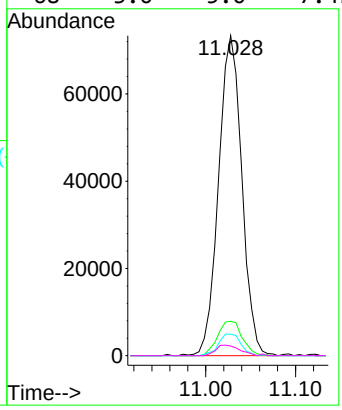
Instrument :
BNA_G
ClientSampleId :
PB133650TB

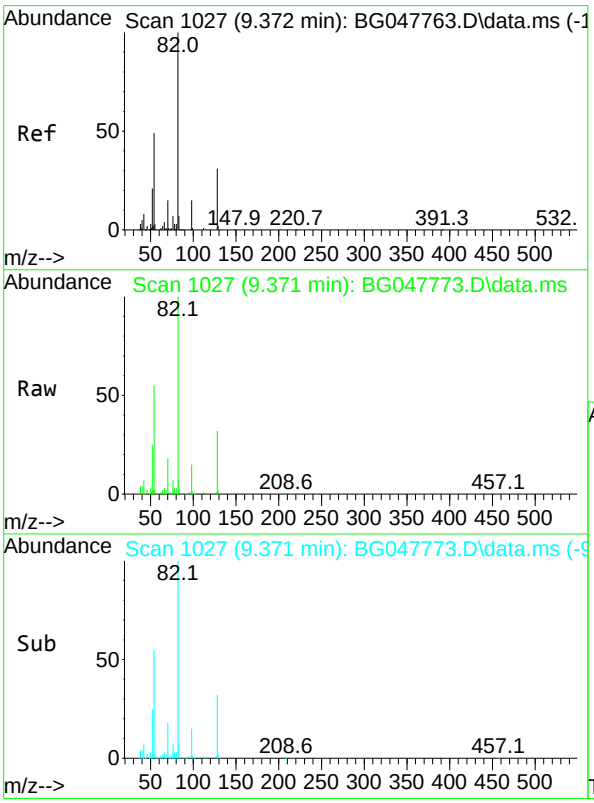


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:136 Resp: 132090

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.7	6.2	9.4
68	3.0	5.0	7.4#

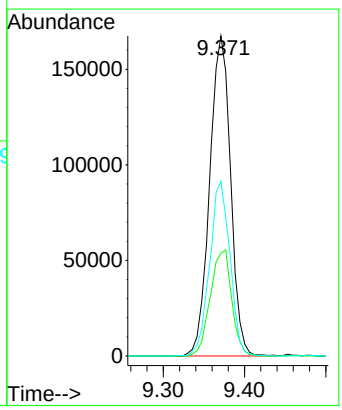




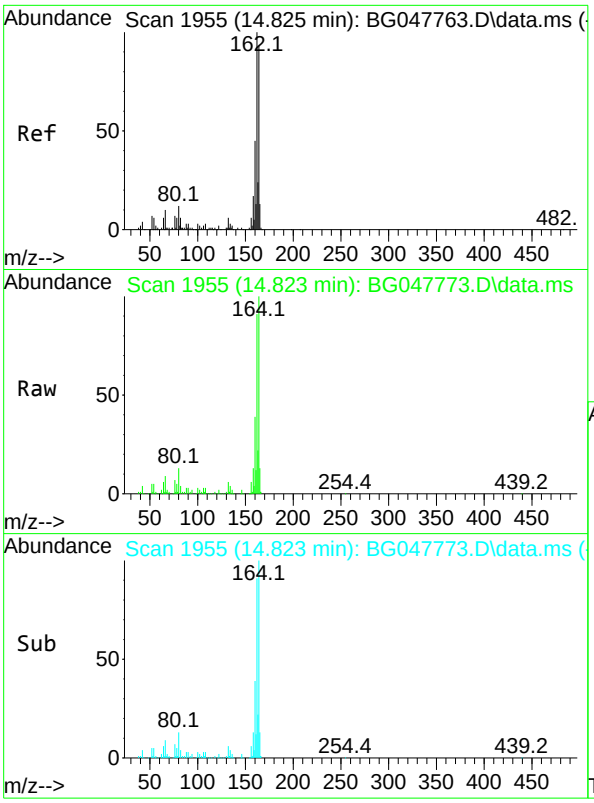
#23
Nitrobenzene-d5
Concen: 83.43 ng
RT: 9.371 min Scan# 1027
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion: 82 Resp: 299608

Ion	Ratio	Lower	Upper
82	100		
128	32.1	37.0	55.6#
54	54.6	39.0	58.4



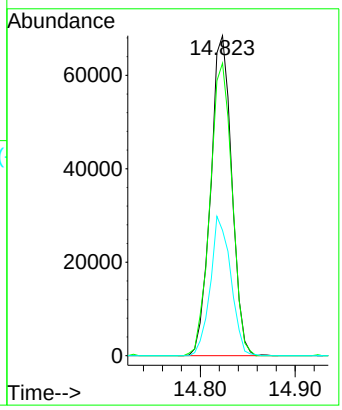
Instrument :
BNA_G
ClientSampleId :
PB133650TB

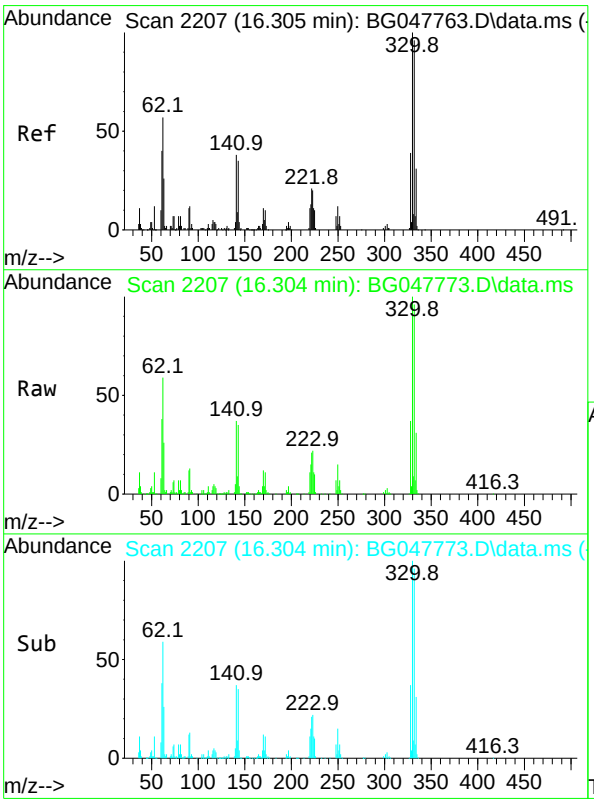


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.823 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:164 Resp: 105777

Ion	Ratio	Lower	Upper
164	100		
162	91.4	82.3	123.5
160	39.2	35.3	52.9

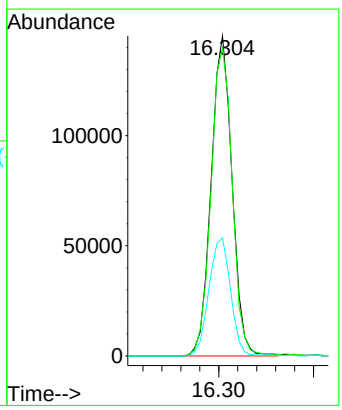




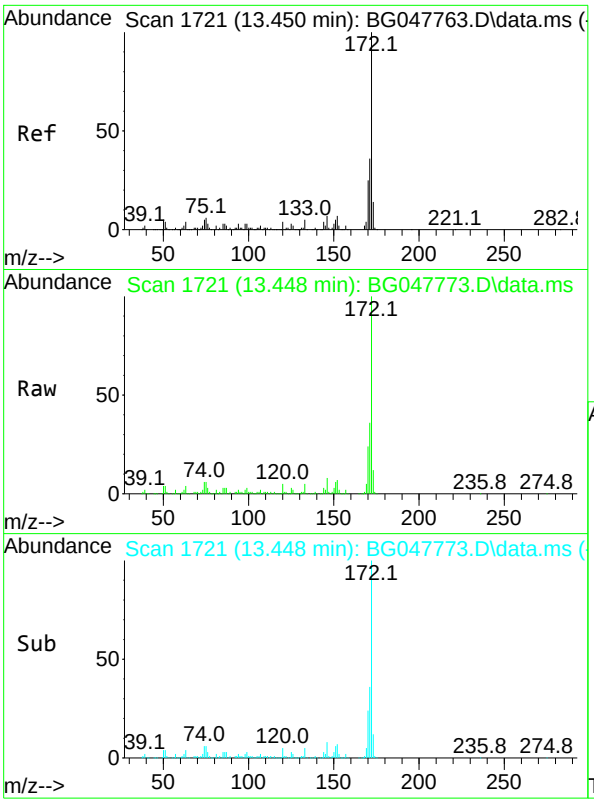
#42
2,4,6-Tribromophenol
Concen: 123.07 ng
RT: 16.304 min Scan# 2207
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:330 Resp: 222235

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.5	114.7
141	38.4	26.0	39.0



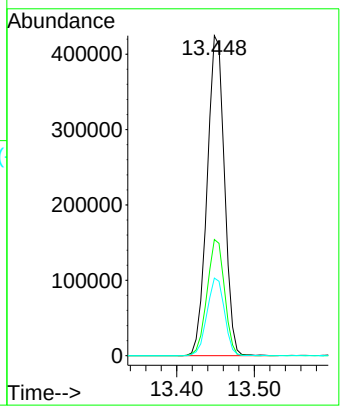
Instrument :
BNA_G
ClientSampleId :
PB133650TB

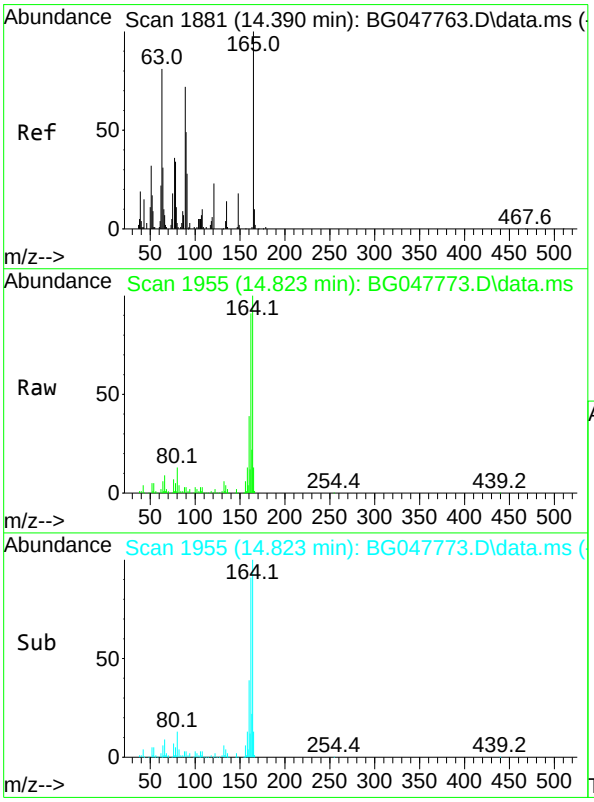


#45
2-Fluorobiphenyl
Concen: 80.52 ng
RT: 13.448 min Scan# 1721
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:172 Resp: 658163

Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.3	46.9
170	24.2	20.8	31.2

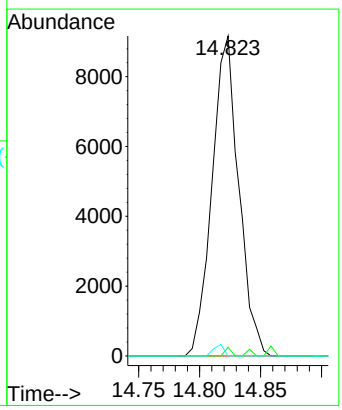




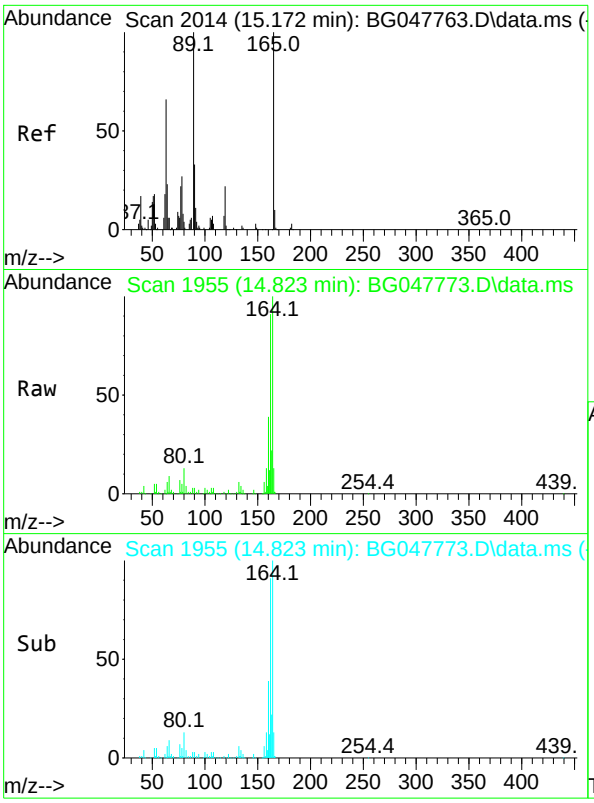
#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 14.823 min Scan# 1955
Delta R.T. 0.433 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:165 Resp: 13958

Ion	Ratio	Lower	Upper
165	100		
63	2.8	33.7	50.5#
89	0.0	36.6	54.8#



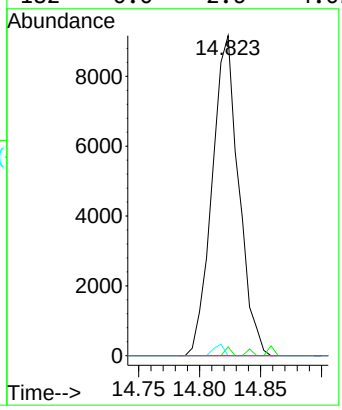
Instrument :
BNA_G
ClientSampleId :
PB133650TB

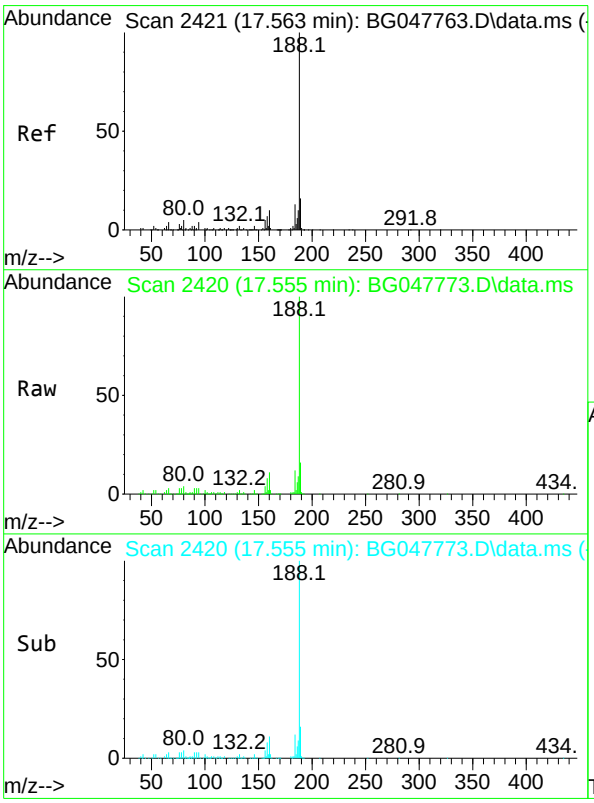


#57
2,4-Dinitrotoluene
Concen: 5.07 ng
RT: 14.823 min Scan# 1955
Delta R.T. -0.348 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:165 Resp: 13958

Ion	Ratio	Lower	Upper
165	100		
63	2.8	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#

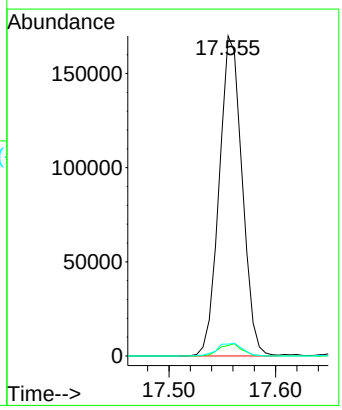




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.555 min Scan# 2420
Delta R.T. -0.008 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:188 Resp: 253785

Ion	Ratio	Lower	Upper
188	100		
94	3.2	6.3	9.5#
80	3.7	7.0	10.6#



Instrument :
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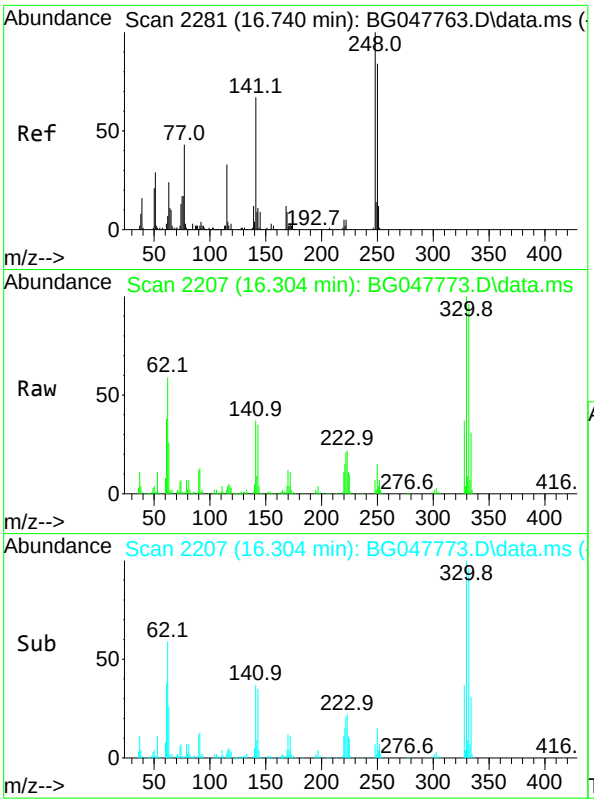
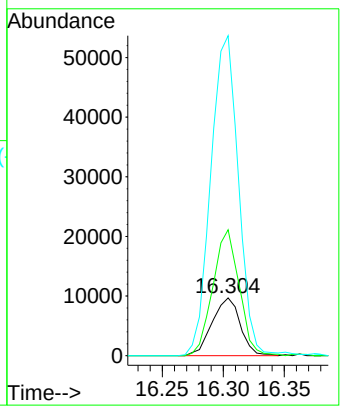
PB133650TB

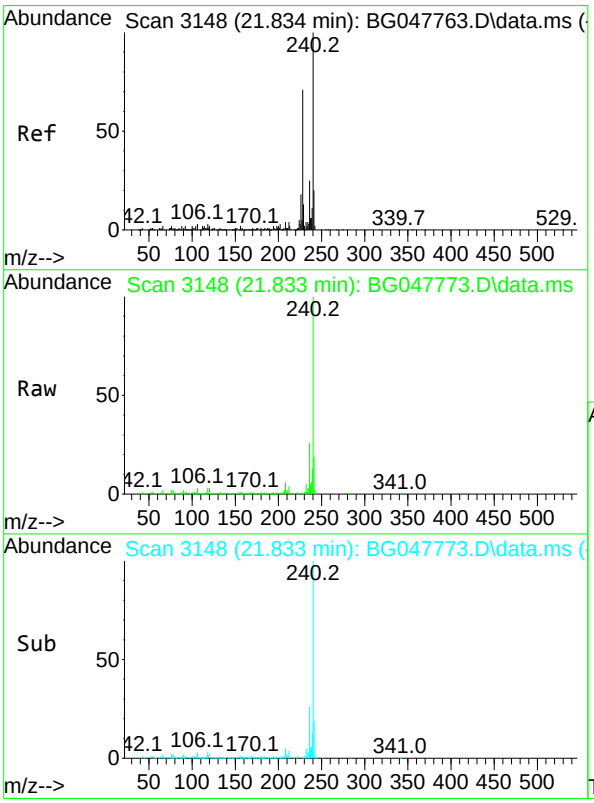


#67
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 16.304 min Scan# 2207
Delta R.T. -0.436 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:248 Resp: 15557

Ion	Ratio	Lower	Upper
248	100		
250	217.9	78.9	118.3#
141	553.4	46.2	69.4#

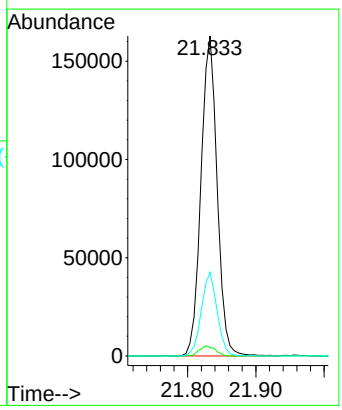




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.833 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:240 Resp: 268086

Ion	Ratio	Lower	Upper
240	100		
120	2.6	6.2	9.4#
236	26.1	20.5	30.7



Instrument :
BNA_G
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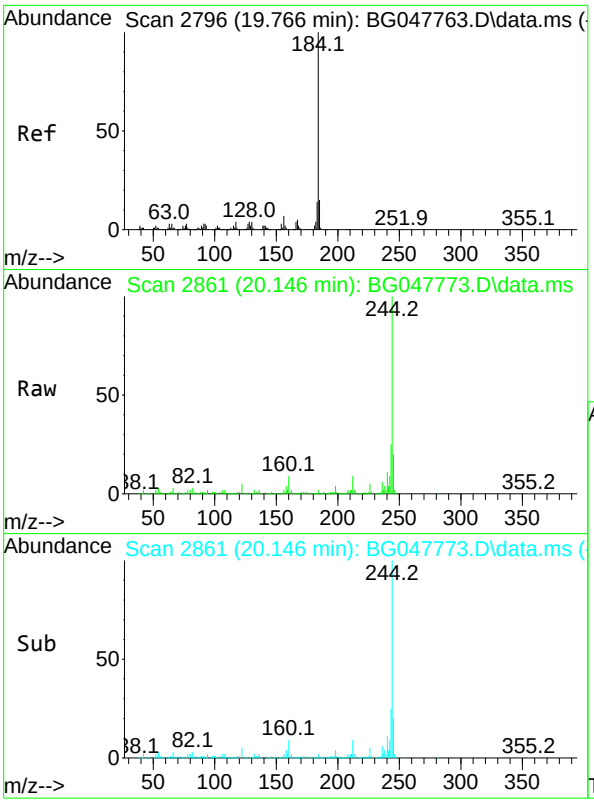
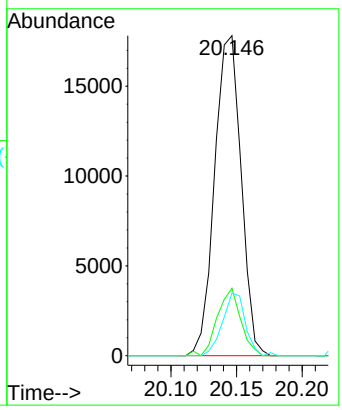
PB133650TB

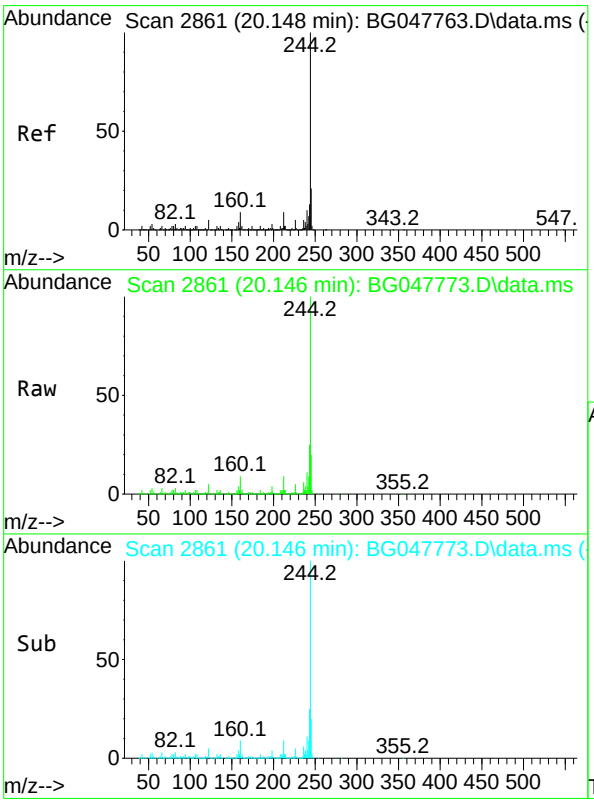


#77
Benzidine
Concen: 3.46 ng
RT: 20.146 min Scan# 2861
Delta R.T. 0.380 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:184 Resp: 24957

Ion	Ratio	Lower	Upper
184	100		
185	21.1	12.4	18.6#
183	19.5	10.6	15.8#

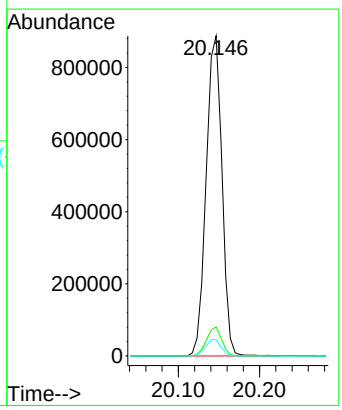


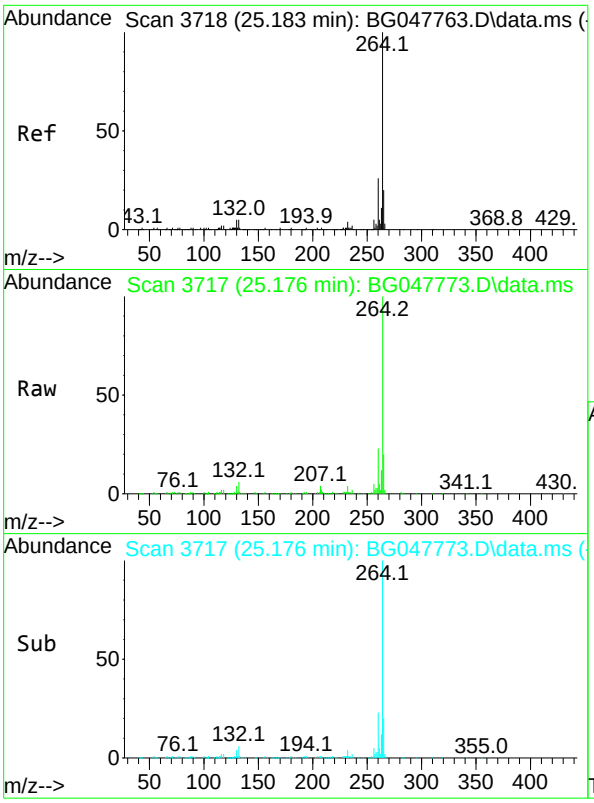


#79
Terphenyl-d14
Concen: 73.59 ng
RT: 20.146 min Scan# 2861
Delta R.T. -0.002 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:244 Resp: 1197251

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.7	10.1
122	5.1	7.8	11.6#

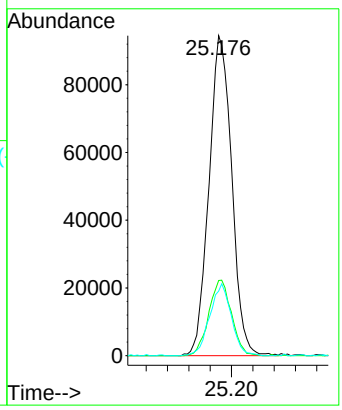




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.176 min Scan# 3717
Delta R.T. -0.007 min
Lab File: BG047773.D
Acq: 18 Dec 2020 13:24

Tgt Ion:264 Resp: 279846

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	20.2	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
PB133650TB