Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Time: Dec 29 23:43:09 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	8.200	152	37824	20.00	ng	# 0.00
21) Naphthalene-d8	11.026	136	141783	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	105246	20.00	ng	0.00
64) Phenanthrene-d10	17.554	188	253141	20.00	ng	# 0.00
76) Chrysene-d12	21.826	240	247650	20.00	ng	# 0.00
86) Perylene-d12	25.175	264	256883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.727	112	160289	73.31	ng	0.00
7) Phenol-d6	7.337	99	143752	44.98	ng	0.00
23) Nitrobenzene-d5	9.370	82	316739	82.17	ng	0.00
42) 2,4,6-Tribromophenol	16.303	330	229949	127.98	ng	0.00
45) 2-Fluorobiphenyl	13.447	172	655057	80.54	ng	0.00
79) Terphenyl-d14	20.139	244	1066015	70.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.366	94	39778	13.73	ng	# 45
50) Dimethylphthalate	14.258	163	50887	5.61	ng	97
52) Acenaphthene	14.887	154	19331	2.83	ng	86
58) Fluorene	15.856	166	35249	4.19	ng	95
71) Phenanthrene	17.595	178	31381	2.30	ng	94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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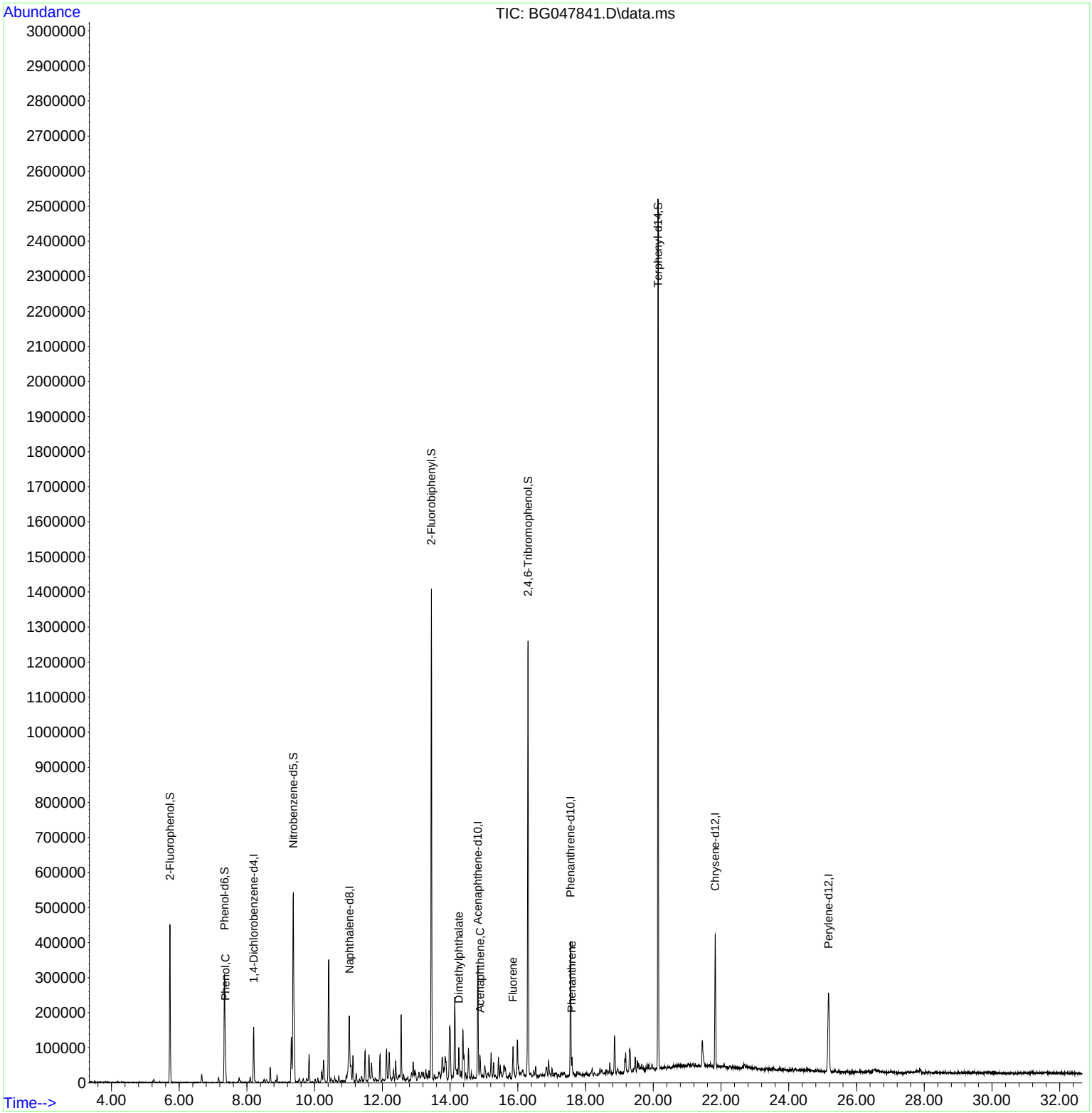
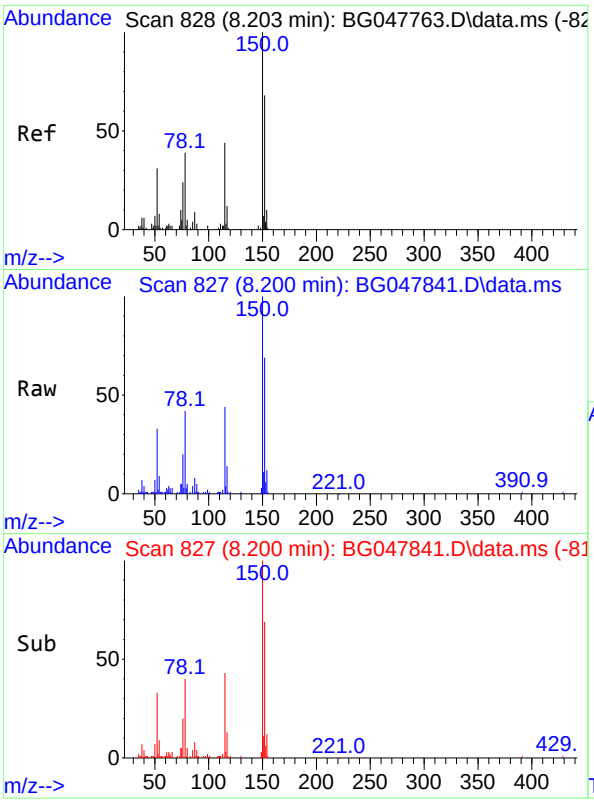


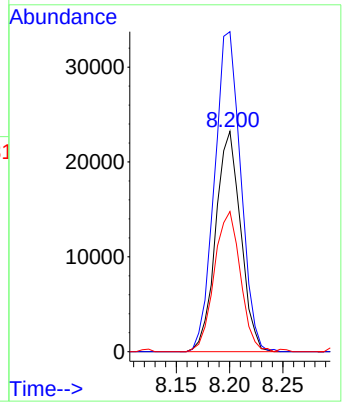
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

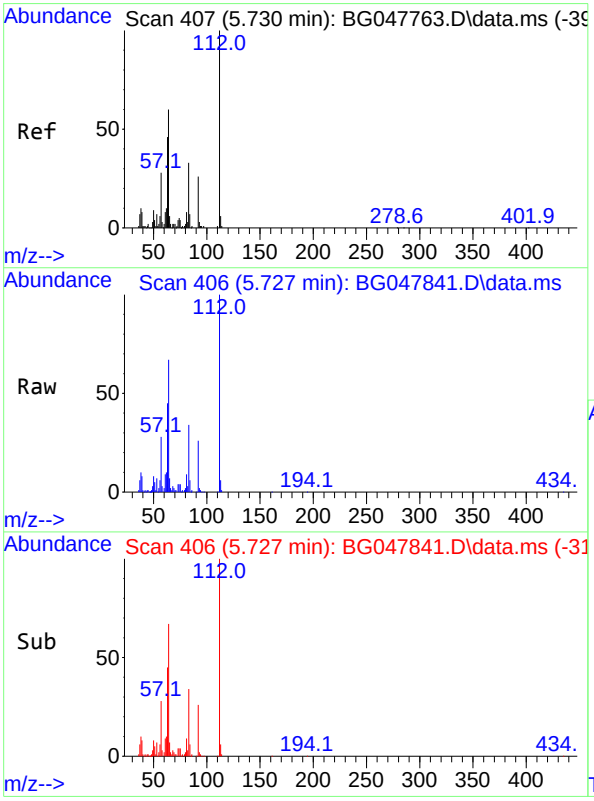


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.200 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:152 Resp: 37824

Ion	Ratio	Lower	Upper
152	100		
150	145.3	125.0	187.6
115	63.6	41.8	62.6#

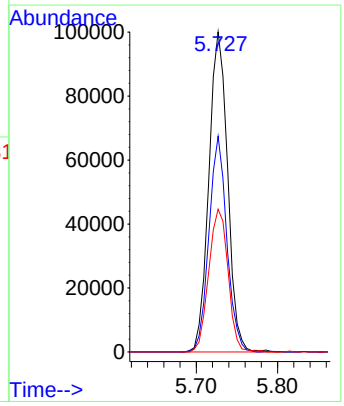




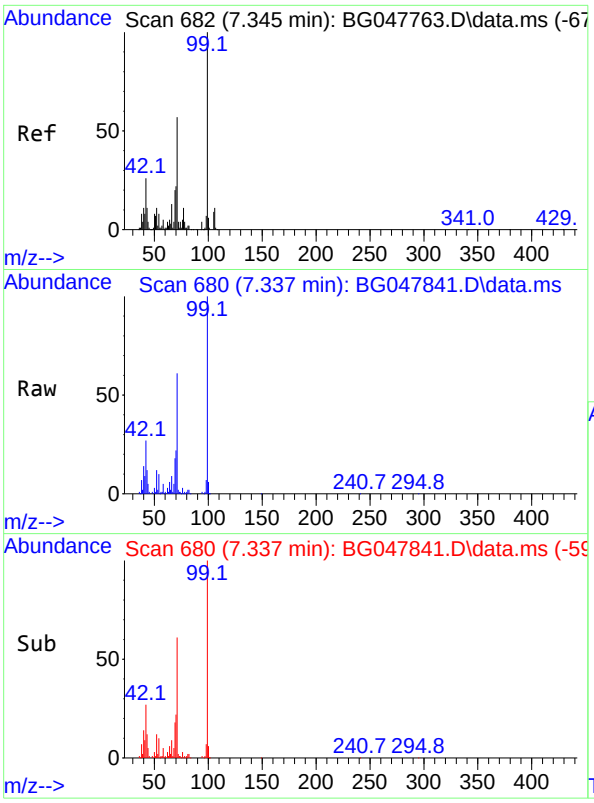
#5
2-Fluorophenol
Concen: 73.31 ng
RT: 5.727 min Scan# 406
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:112 Resp: 160289

Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.7	70.1
63	44.6	22.8	34.2#



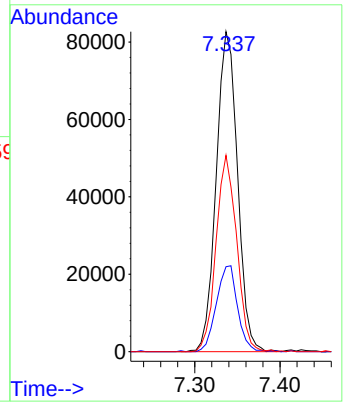
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

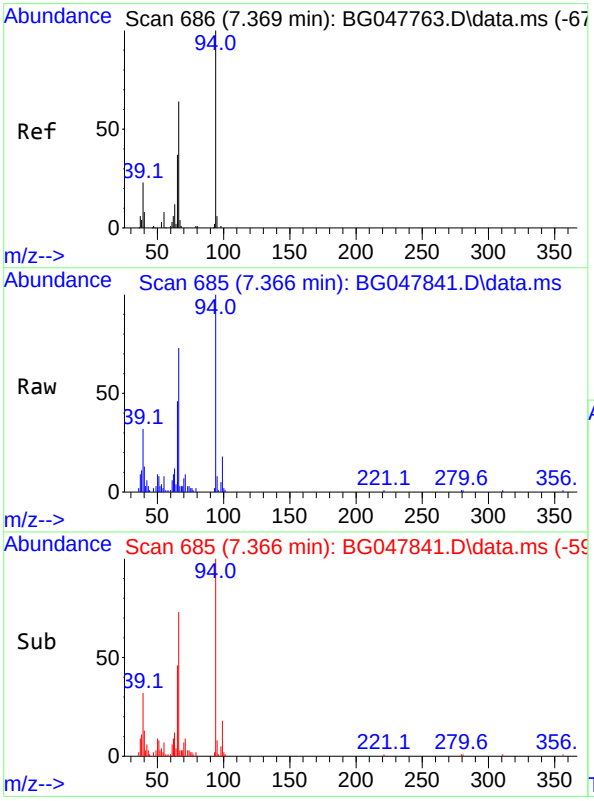


#7
Phenol-d6
Concen: 44.98 ng
RT: 7.337 min Scan# 680
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion: 99 Resp: 143752

Ion	Ratio	Lower	Upper
99	100		
42	26.6	12.8	19.2#
71	61.4	24.6	36.8#

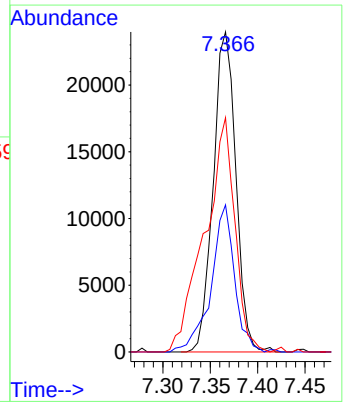


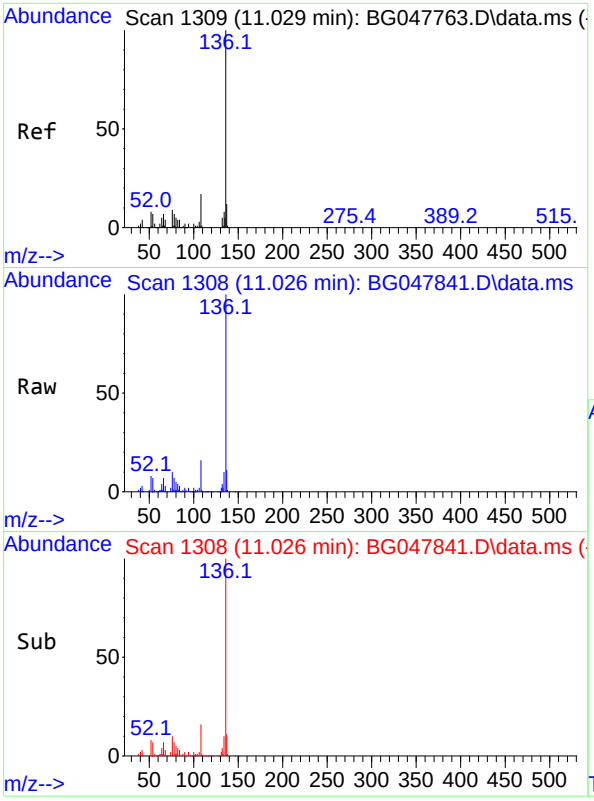


#10
Phenol
Concen: 13.73 ng
RT: 7.366 min Scan# 685
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion: 94 Resp: 39778

Ion	Ratio	Lower	Upper
94	100		
65	45.9	6.6	46.6
66	73.2	13.9	53.9#

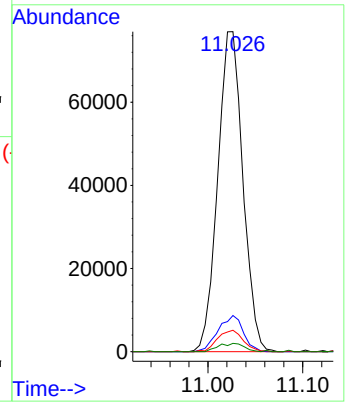




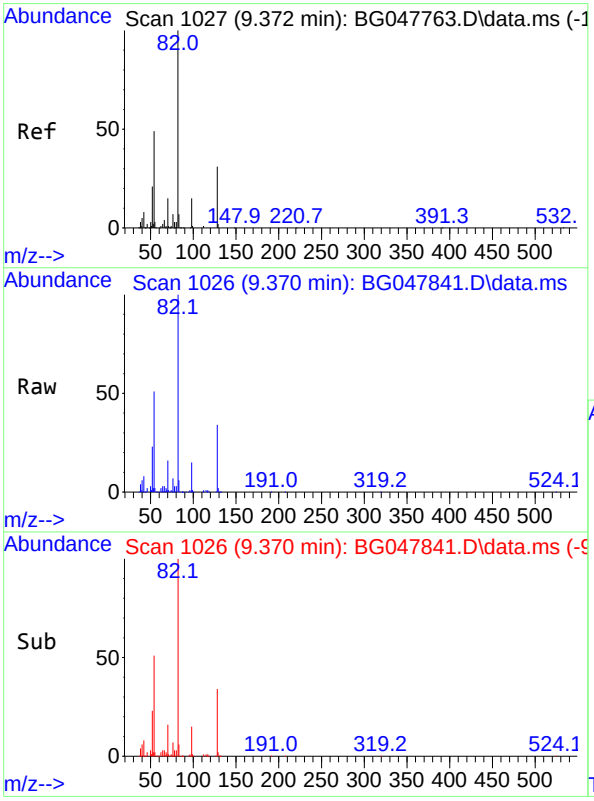
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.026 min Scan# 1308
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:136 Resp: 141783

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	6.2	9.4
68	2.6	5.0	7.4#



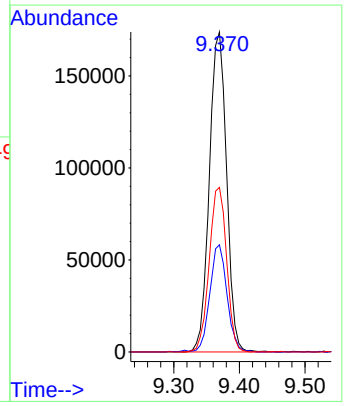
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW



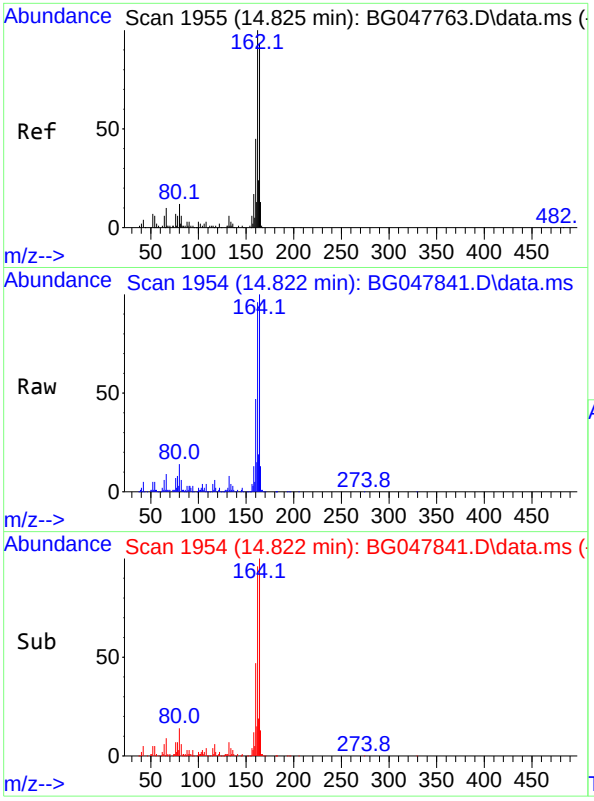
#23
Nitrobenzene-d5
Concen: 82.17 ng
RT: 9.370 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion: 82 Resp: 316739

Ion	Ratio	Lower	Upper
82	100		
128	33.5	37.0	55.6#
54	51.4	39.0	58.4



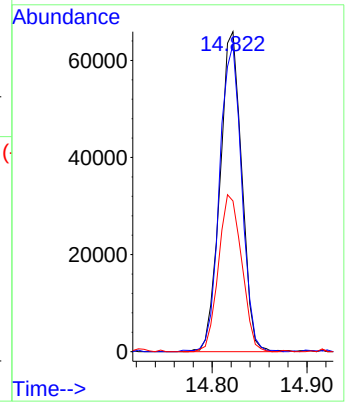
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

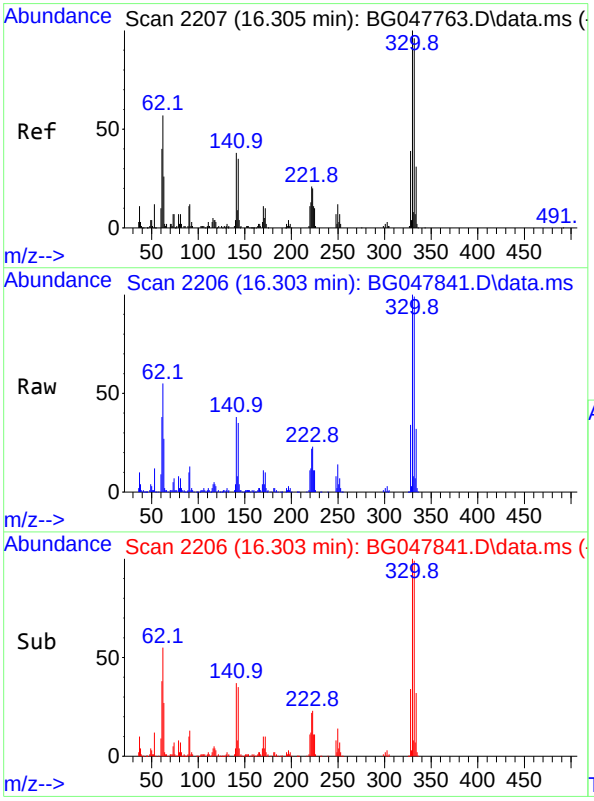


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:164 Resp: 105246

Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.3	123.5
160	47.1	35.3	52.9

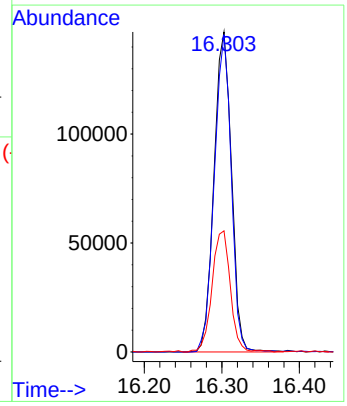




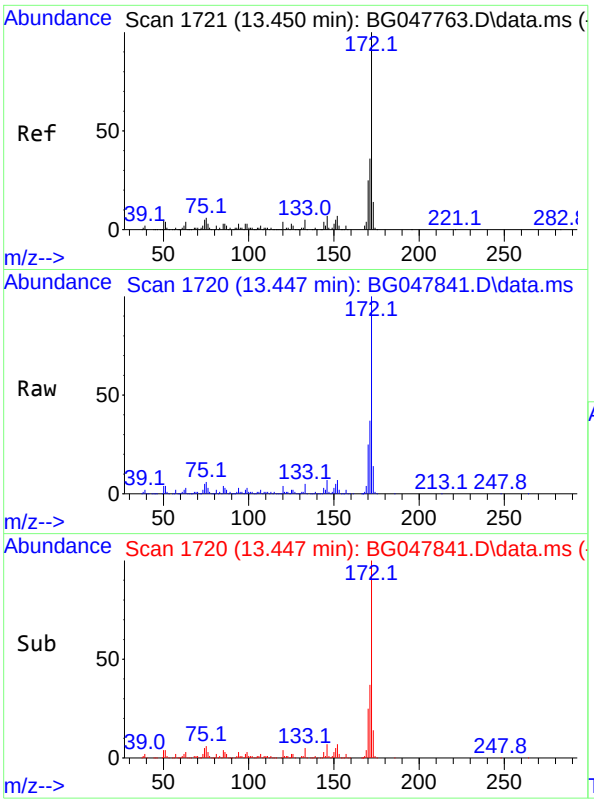
#42
2,4,6-Tribromophenol
Concen: 127.98 ng
RT: 16.303 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:330 Resp: 229949

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.5	114.7
141	39.3	26.0	39.0#



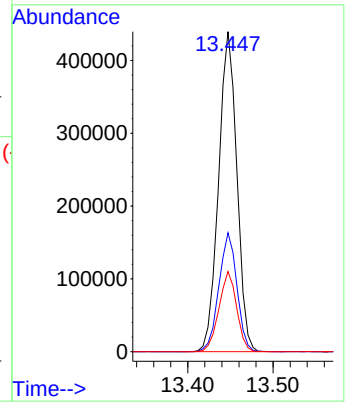
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

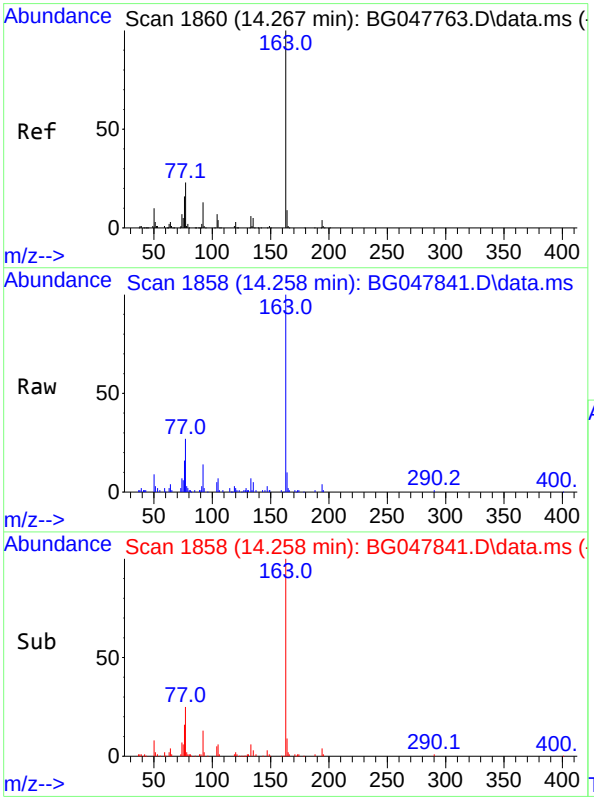


#45
2-Fluorobiphenyl
Concen: 80.54 ng
RT: 13.447 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:172 Resp: 655057

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.0	20.8	31.2

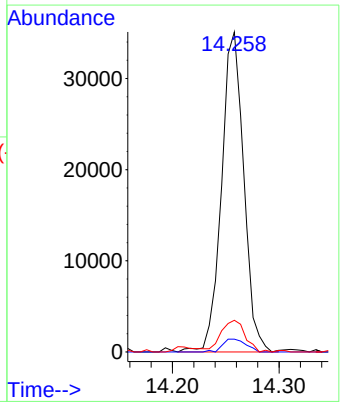


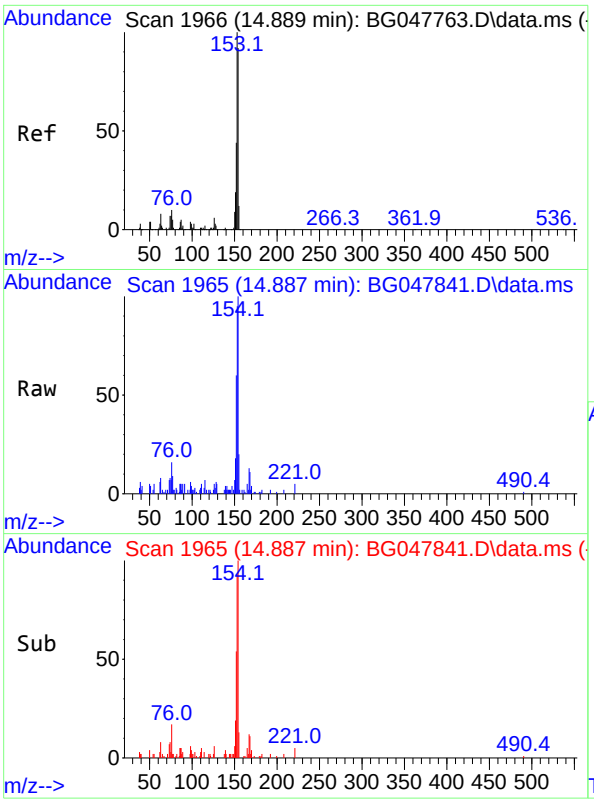


#50
Dimethylphthalate
Concen: 5.61 ng
RT: 14.258 min Scan# 1858
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:163 Resp: 50887

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.8
164	9.9	8.8	13.2

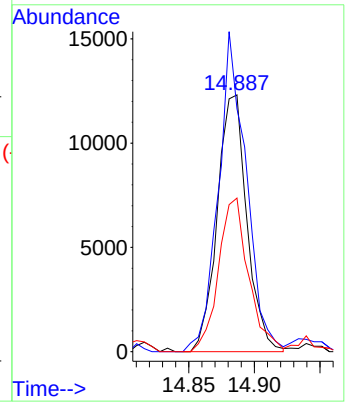




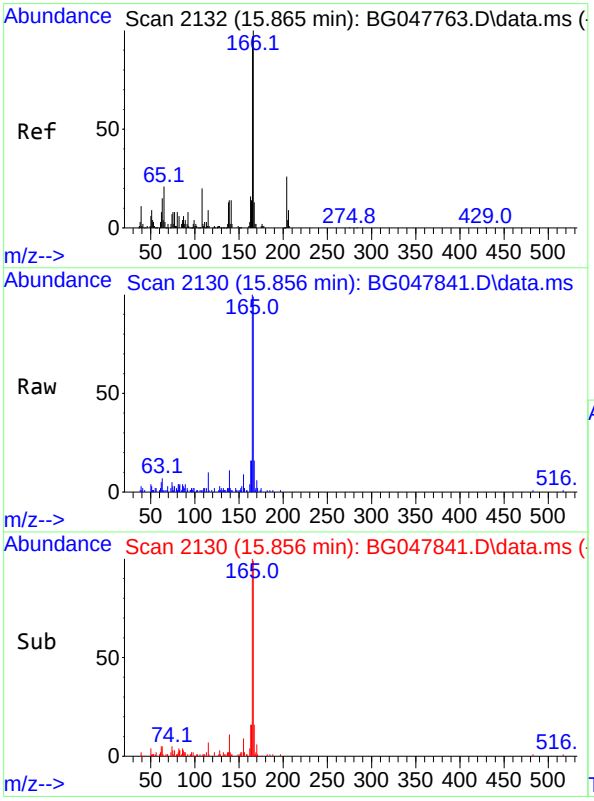
#52
Acenaphthene
Concen: 2.83 ng
RT: 14.887 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:154 Resp: 19331

Ion	Ratio	Lower	Upper
154	100		
153	94.7	90.3	135.5
152	59.8	43.8	65.8



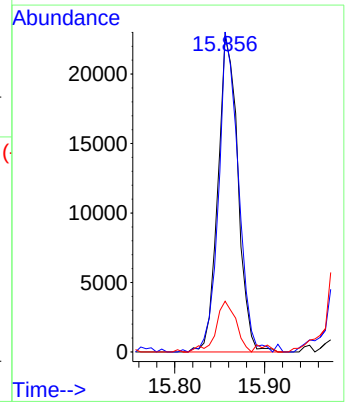
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW



#58
Fluorene
Concen: 4.19 ng
RT: 15.856 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:166 Resp: 35249

Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.2	115.8
167	16.0	11.4	17.2



Instrument :
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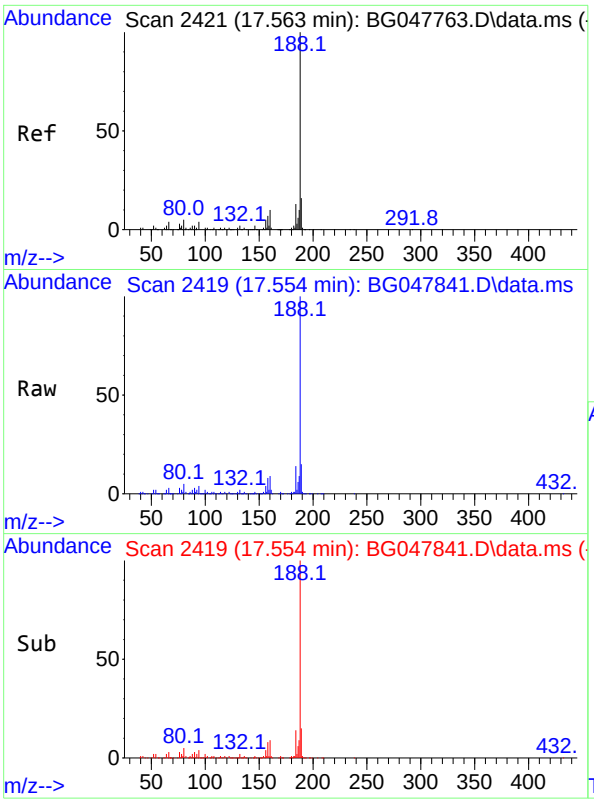
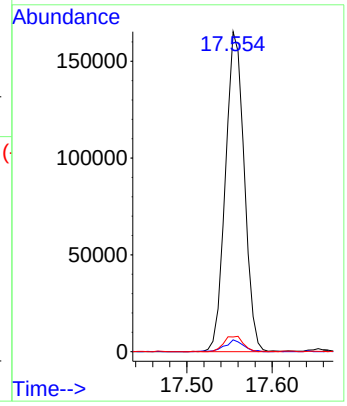
ClientSampleId :
OWL-C4-GW

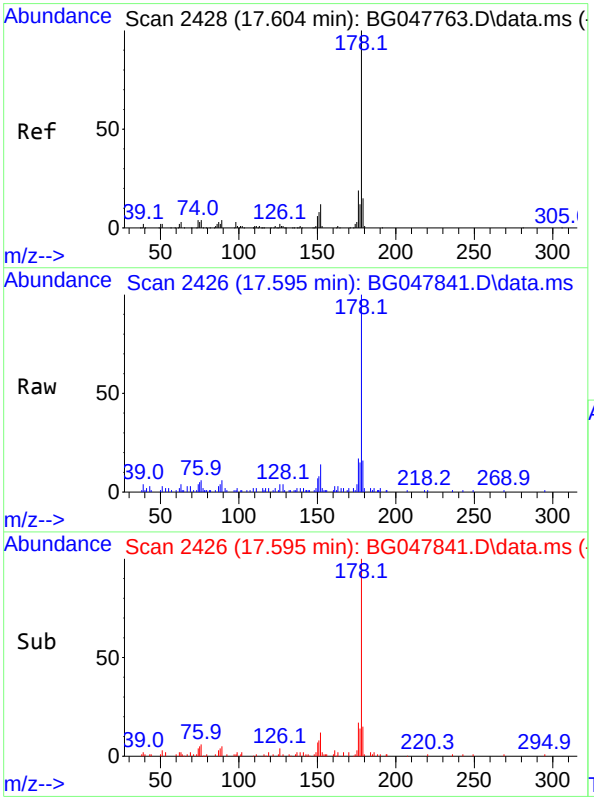


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.554 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:188 Resp: 253141

Ion	Ratio	Lower	Upper
188	100		
94	3.7	6.3	9.5#
80	4.6	7.0	10.6#

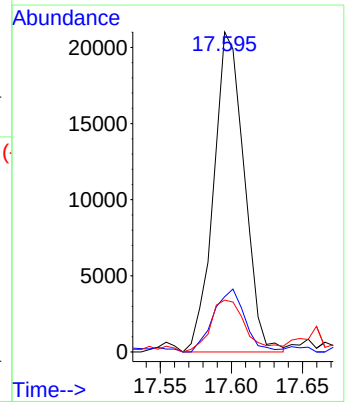




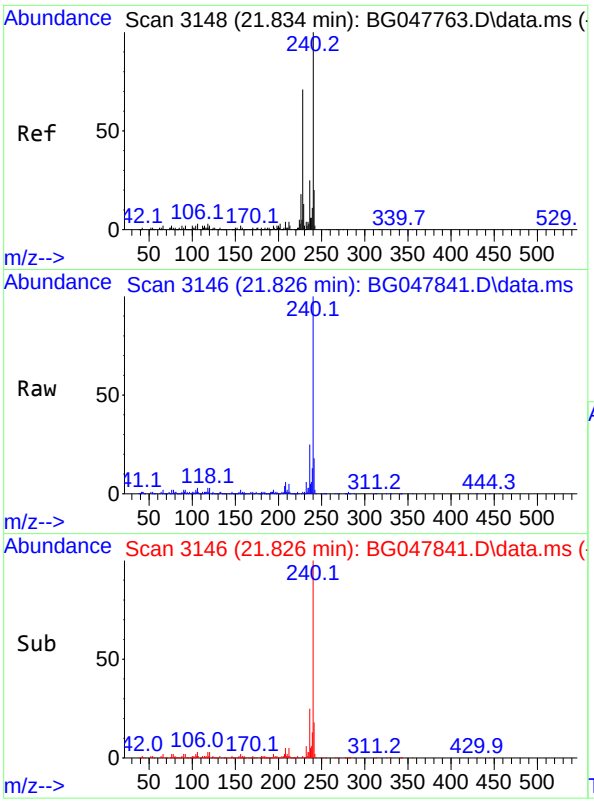
#71
Phenanthrene
Concen: 2.30 ng
RT: 17.595 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:178 Resp: 31381

Ion	Ratio	Lower	Upper
178	100		
176	17.2	16.7	25.1
179	16.2	14.0	21.0



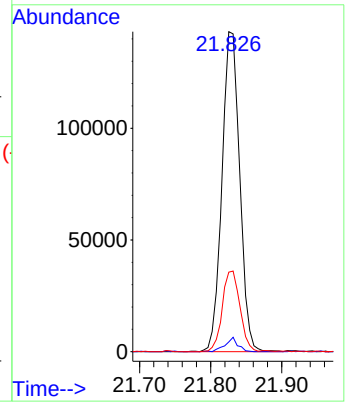
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

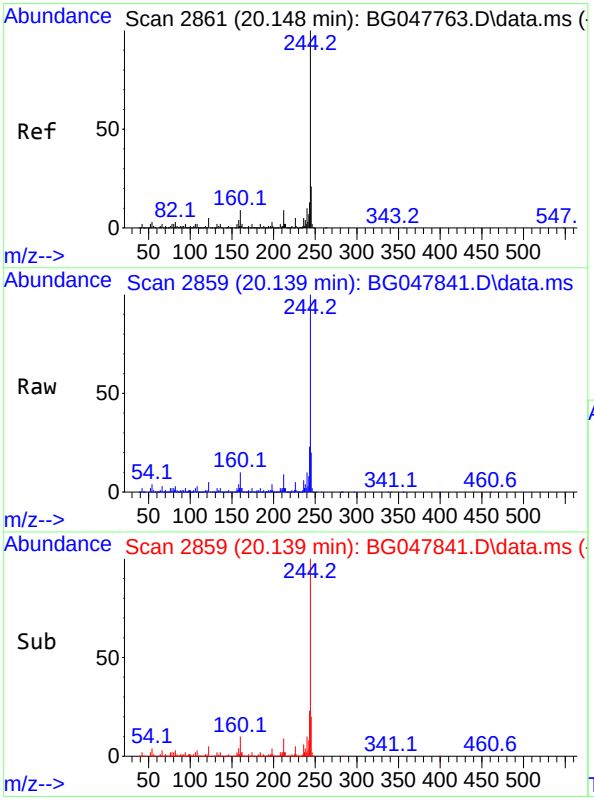


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.826 min Scan# 3146
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:240 Resp: 247650

Ion	Ratio	Lower	Upper
240	100		
120	3.0	6.2	9.4#
236	24.9	20.5	30.7

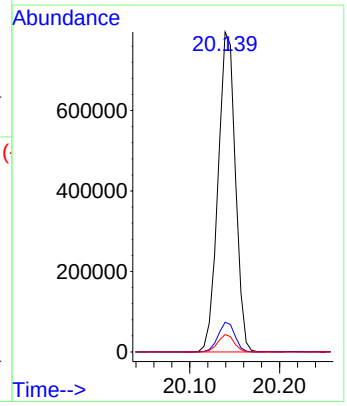


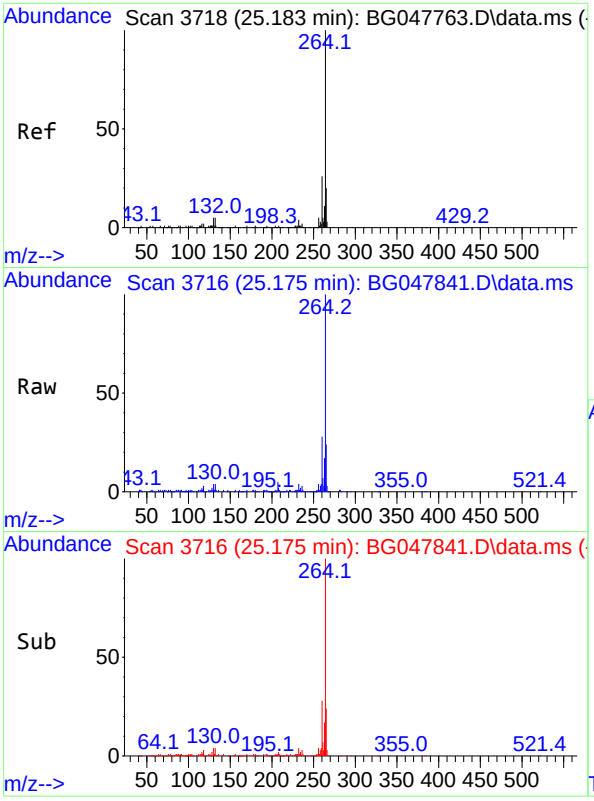


#79
Terphenyl-d14
Concen: 70.93 ng
RT: 20.139 min Scan# 2859
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:244 Resp: 1066015

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.7	10.1
122	5.4	7.8	11.6#

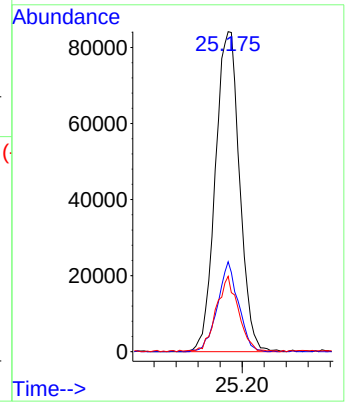




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.175 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:264 Resp: 256883

Ion	Ratio	Lower	Upper
264	100		
260	28.1	18.8	28.2
265	23.5	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW