Quantitation Report (Not 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
18) Hexachloroethane	9.317	117	24568	20.87	ng	# 4
19) n-Nitroso-di-n-propyla...	9.364	70	50624	22.76	ng	# 75
24) Nitrobenzene	9.399	77	7807	2.15	ng	# 9
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
67) 4-Bromophenyl-phenylether	16.303	248	16465	4.84	ng	# 1
70) Pentachlorophenol	17.213	266	170	Below Cal		# 19
71) Phenanthrene	17.595	178	31381	2.30	ng	94
72) Anthracene	17.595	178	31381	2.37	ng	95
77) Benzidine	20.145	184	25019	3.76	ng	# 92

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

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Misc :
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Instrument :
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QLast Update : Thu Dec 17 15:55:16 2020
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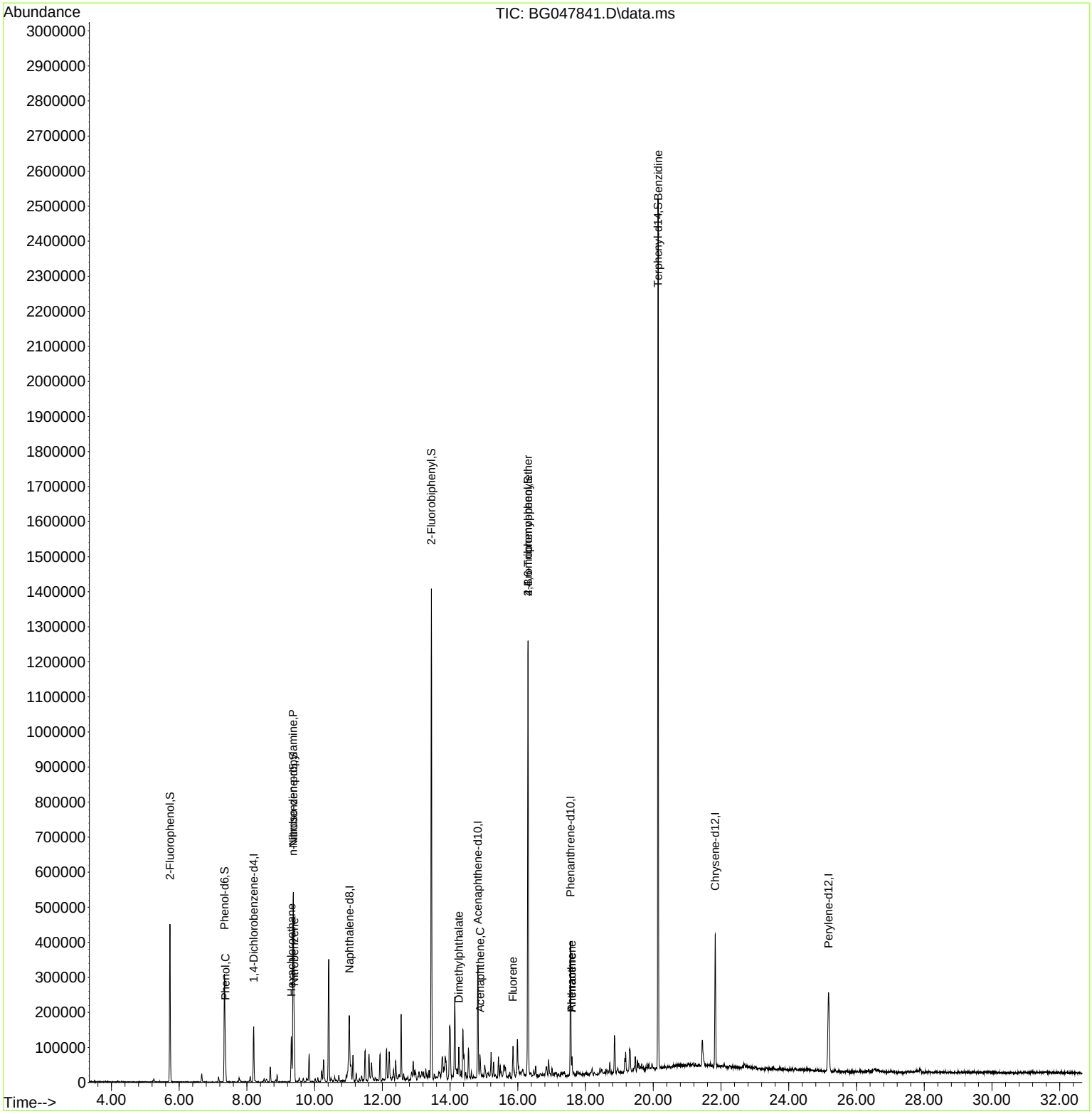
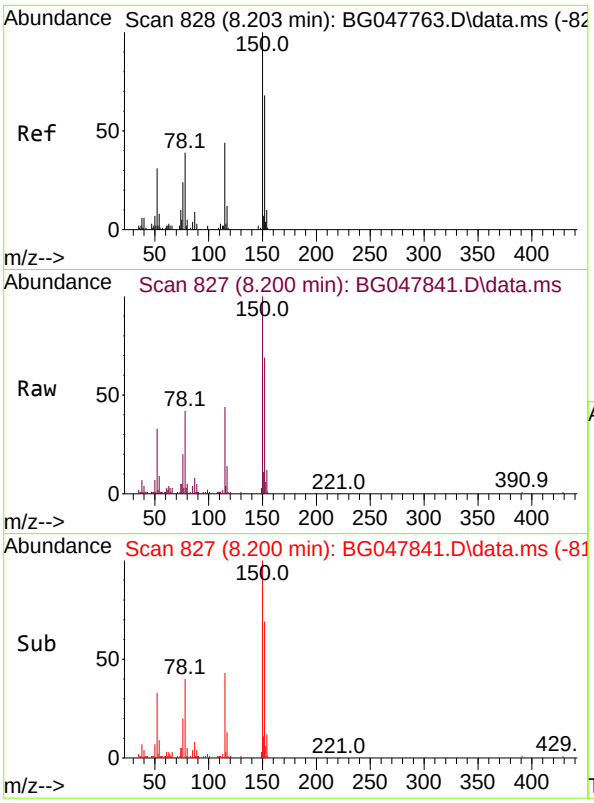
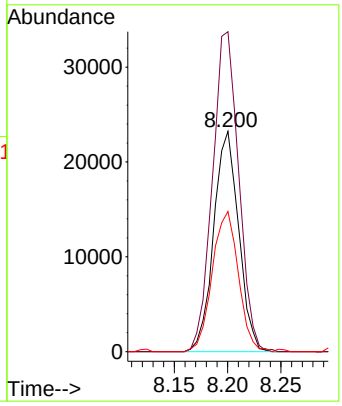




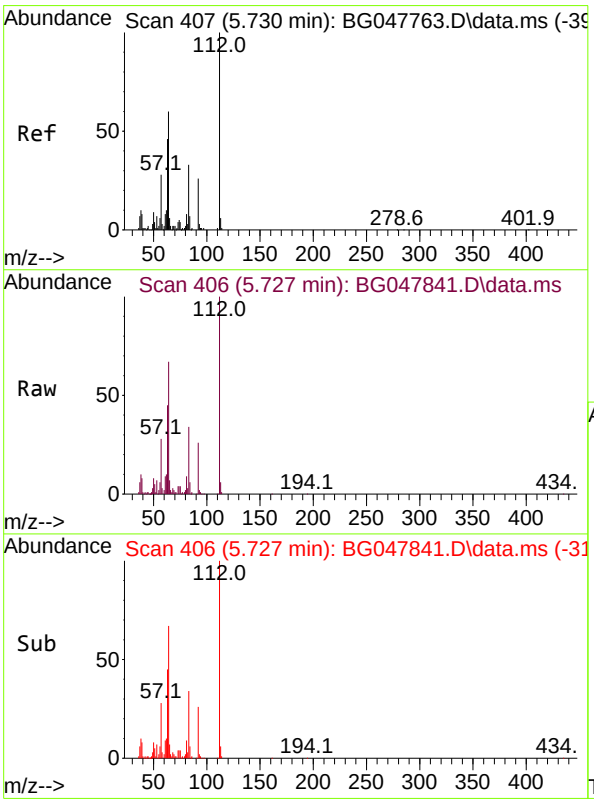
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.200 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#



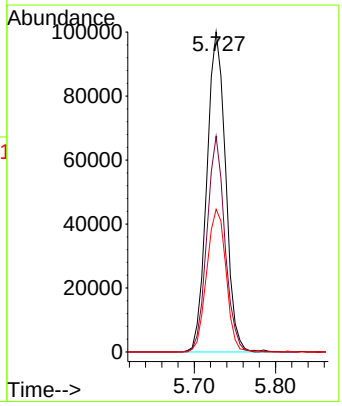
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW



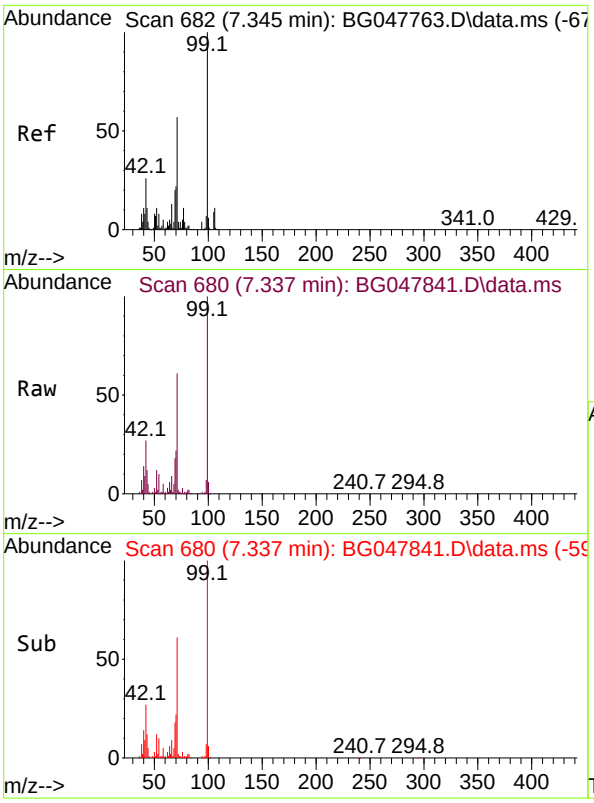
#5
2-Fluorophenol
Concen: 73.31 ng
RT: 5.727 min Scan# 406
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#



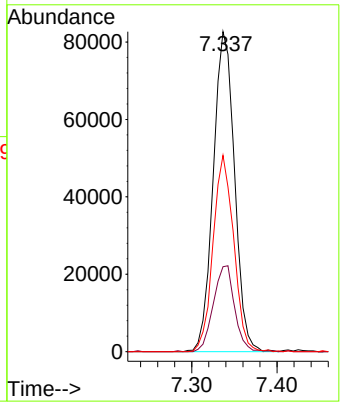
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

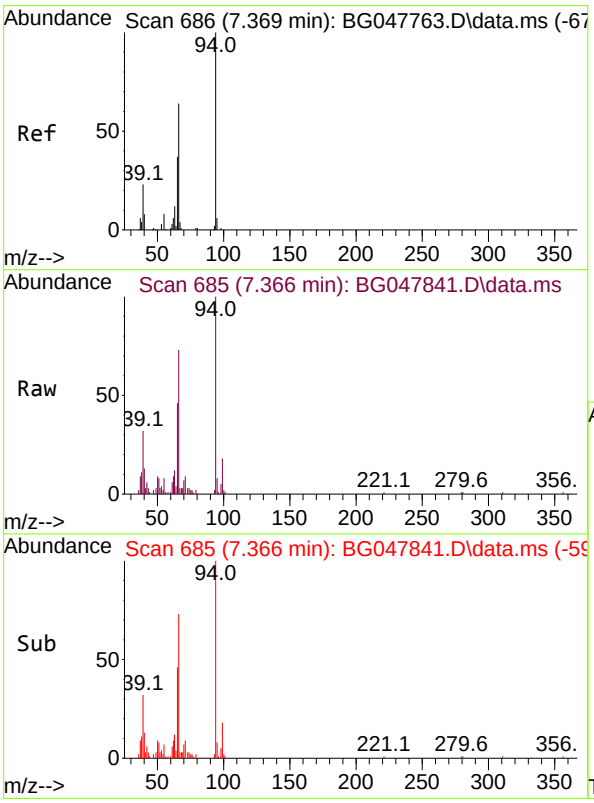


#7
Phenol-d6
Concen: 44.98 ng
RT: 7.337 min Scan# 680
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#

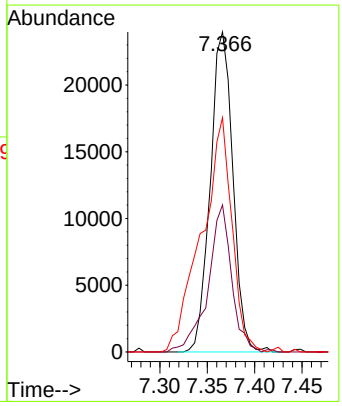




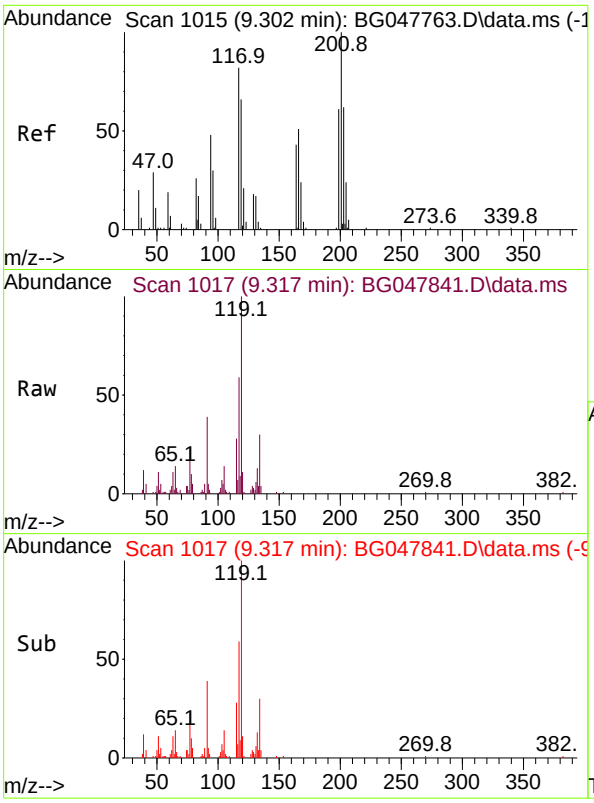
#10
Phenol
Concen: 13.73 ng
RT: 7.366 min Scan# 685
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#



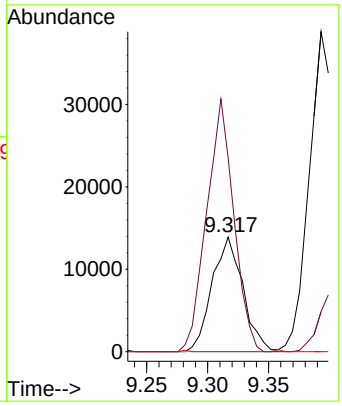
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

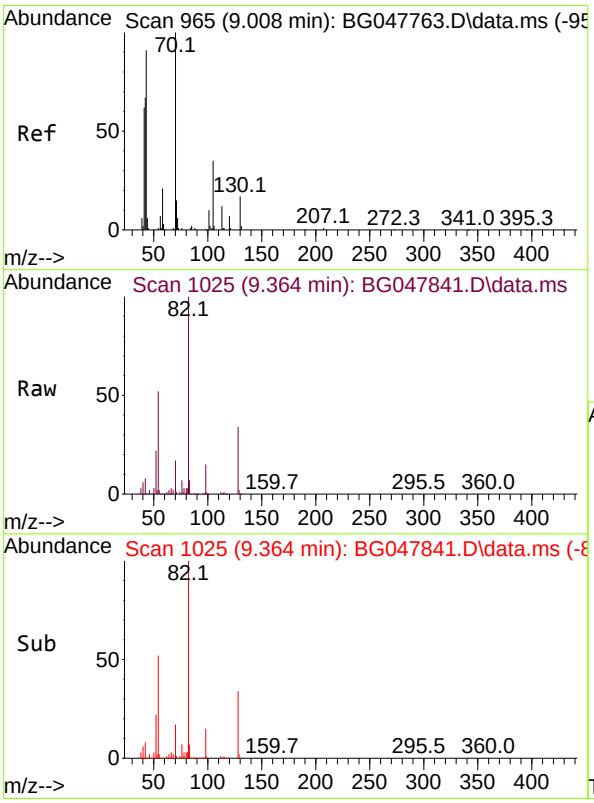


#18
Hexachloroethane
Concen: 20.87 ng
RT: 9.317 min Scan# 1017
Delta R.T. 0.015 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:117 Resp: 24568

Ion	Ratio	Lower	Upper
117	100		
119	169.4	77.5	116.3#
201	0.0	104.9	157.3#

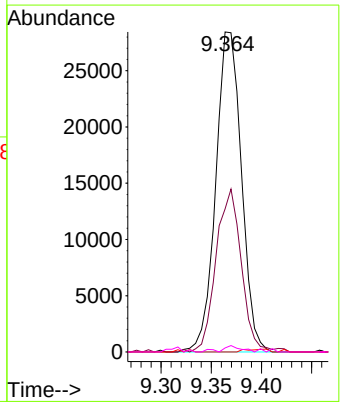




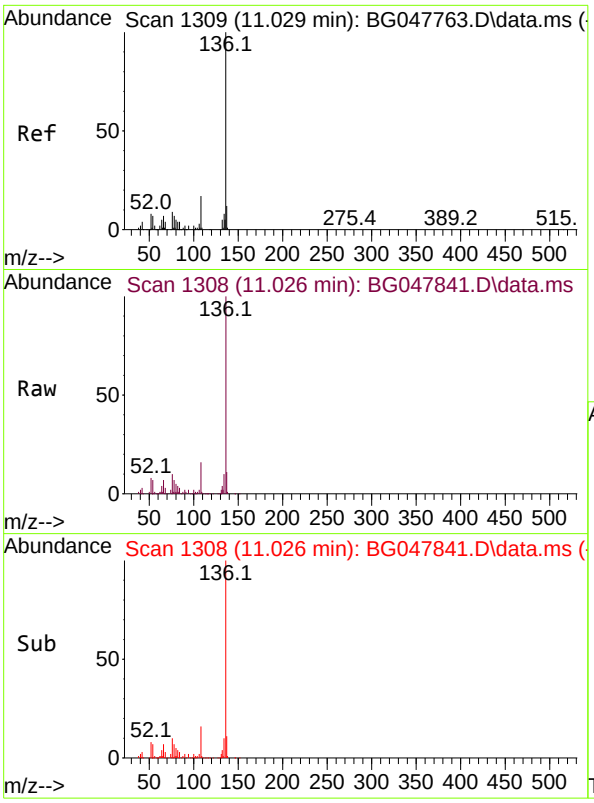
#19
n-Nitroso-di-n-propylamine
Concen: 22.76 ng
RT: 9.364 min Scan# 1025
Delta R.T. 0.356 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion: 70 Resp: 50624

Ion	Ratio	Lower	Upper
70	100		
42	44.7	45.6	68.4#
101	0.0	8.4	12.6#
130	1.2	17.8	26.8#



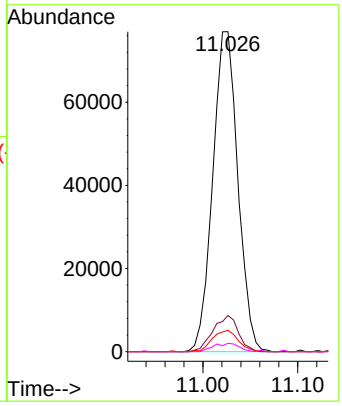
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

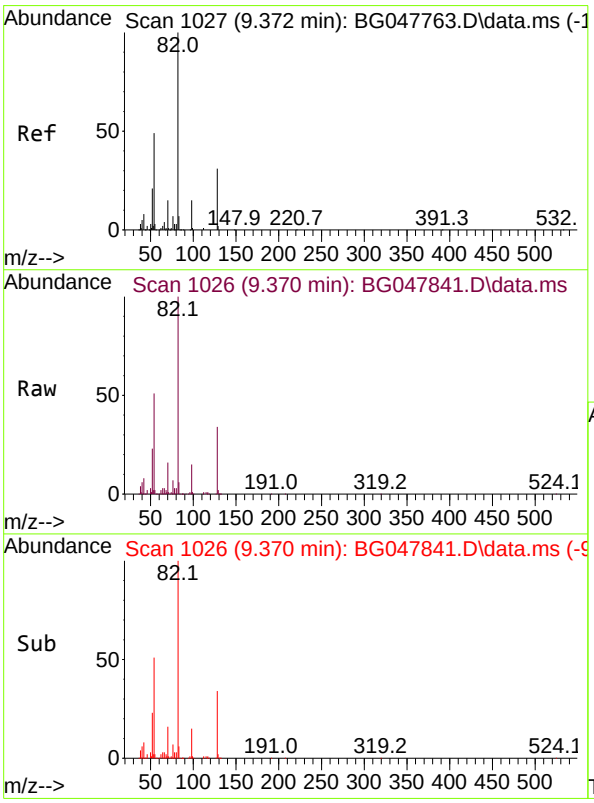


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.026 min Scan# 1308
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#

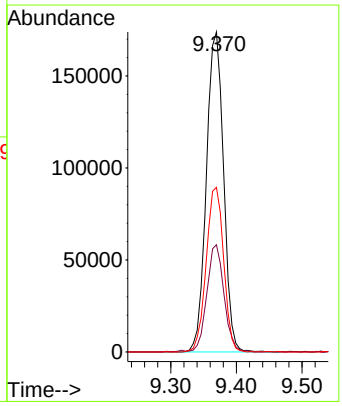


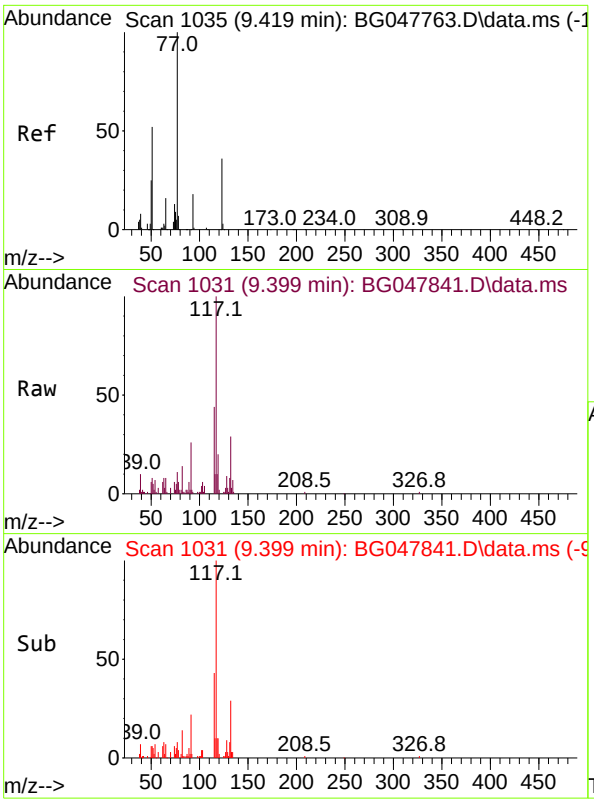


#23
Nitrobenzene-d5
Concen: 82.17 ng
RT: 9.370 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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

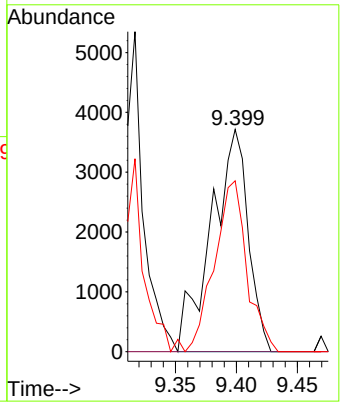




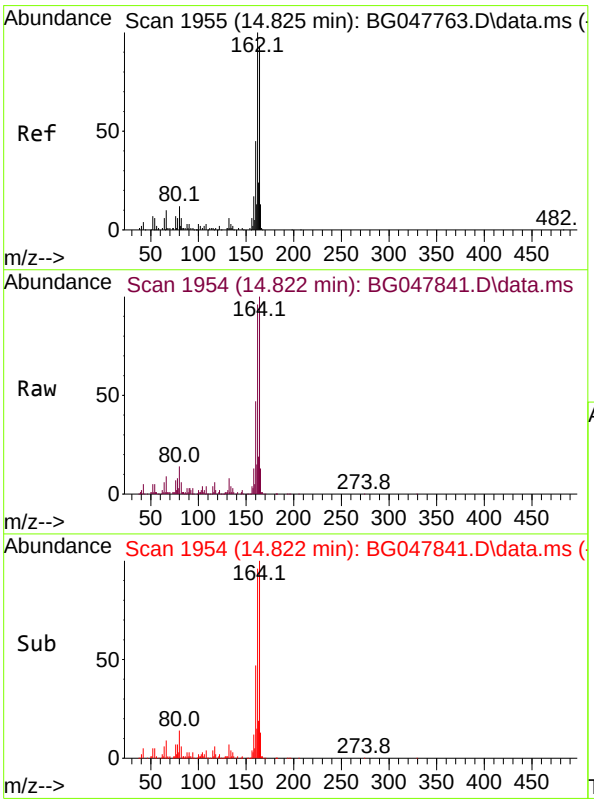
#24
Nitrobenzene
Concen: 2.15 ng
RT: 9.399 min Scan# 1031
Delta R.T. -0.020 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion: 77 Resp: 7807

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.7	59.5#
65	76.9	10.4	15.6#



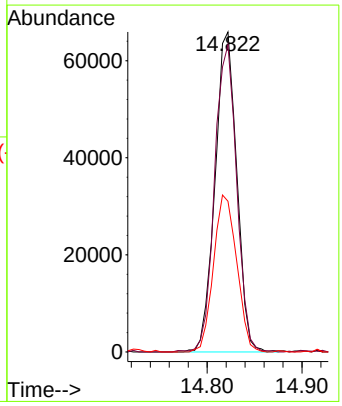
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW



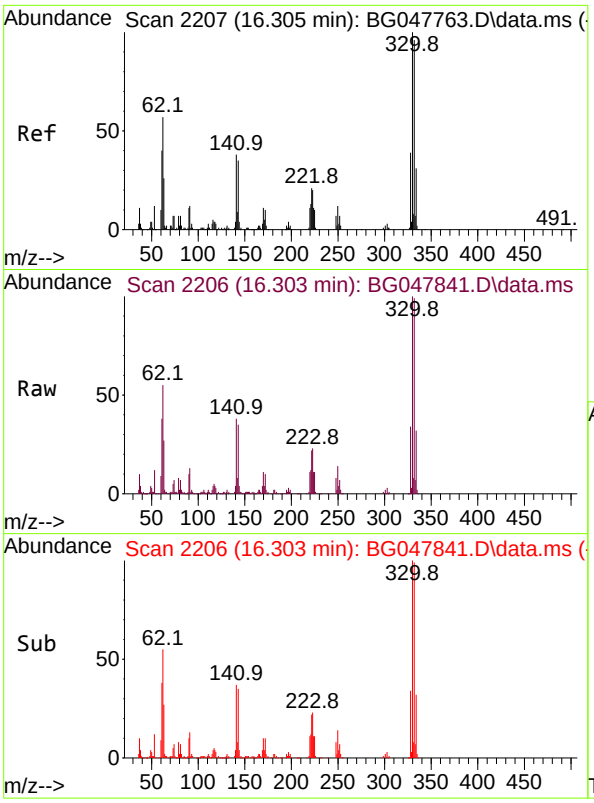
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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



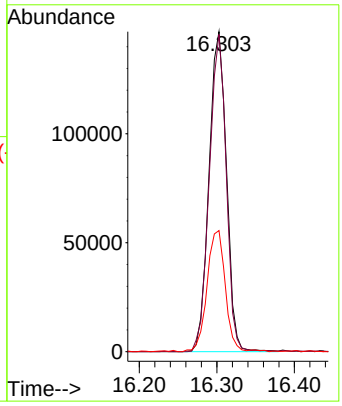
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

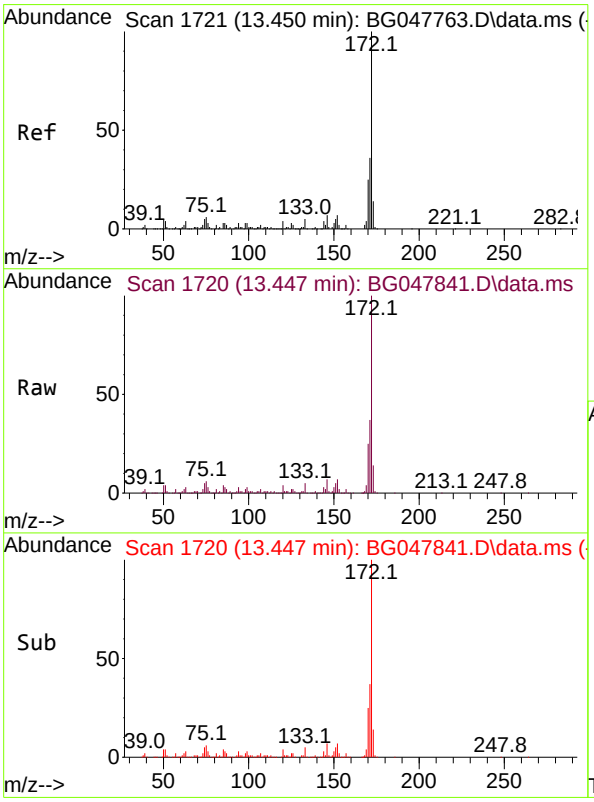


#42
2,4,6-Tribromophenol
Concen: 127.98 ng
RT: 16.303 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#

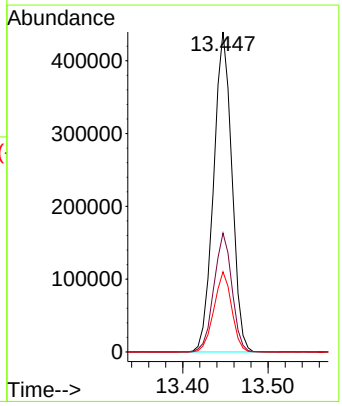




#45
2-Fluorobiphenyl
Concen: 80.54 ng
RT: 13.447 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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



Instrument :
BNA_G
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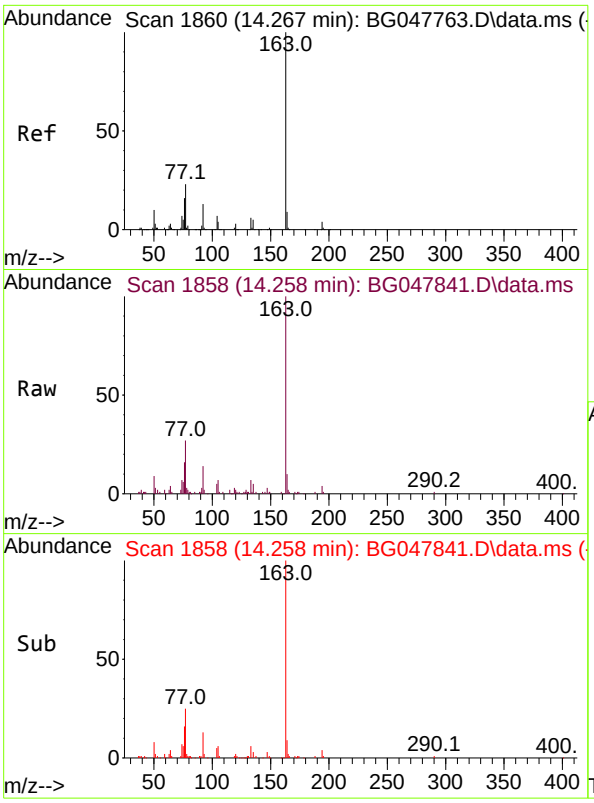
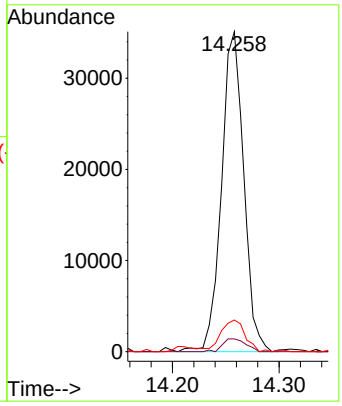
OWL-C4-GW

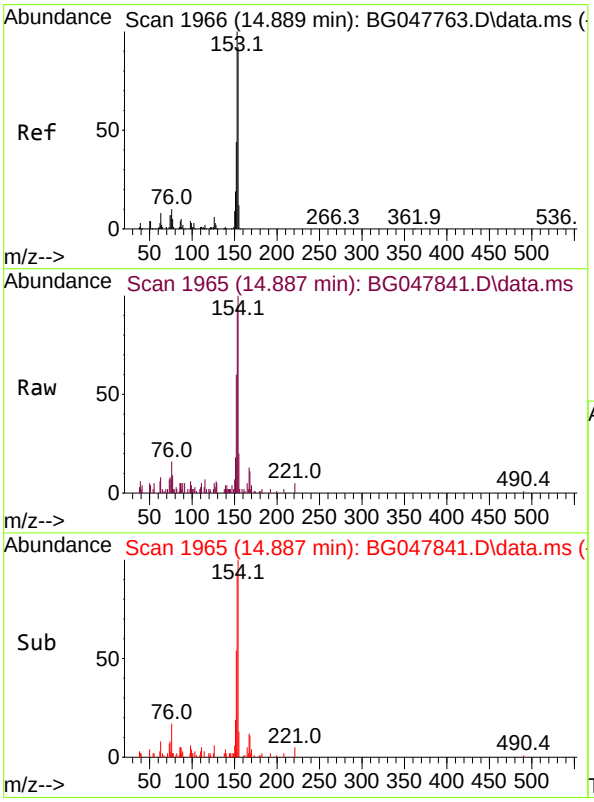


#50
Dimethylphthalate
Concen: 5.61 ng
RT: 14.258 min Scan# 1858
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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

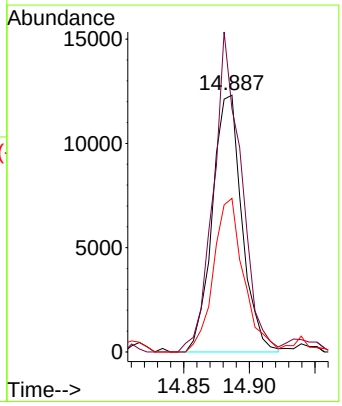




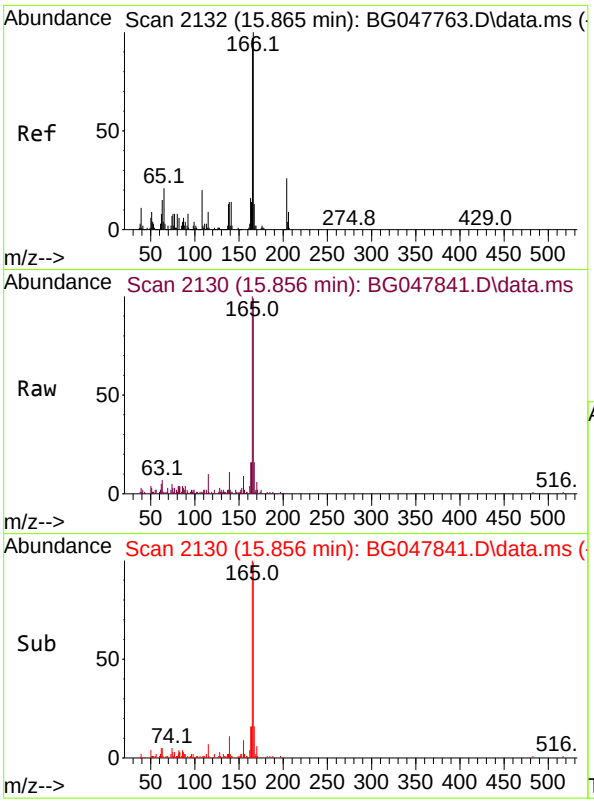
#52
Acenaphthene
Concen: 2.83 ng
RT: 14.887 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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



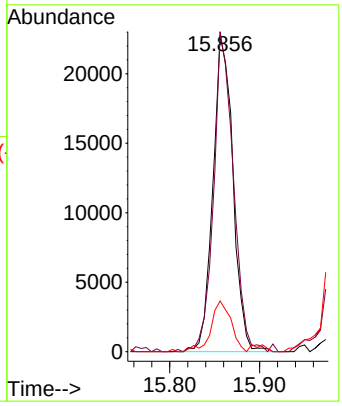
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

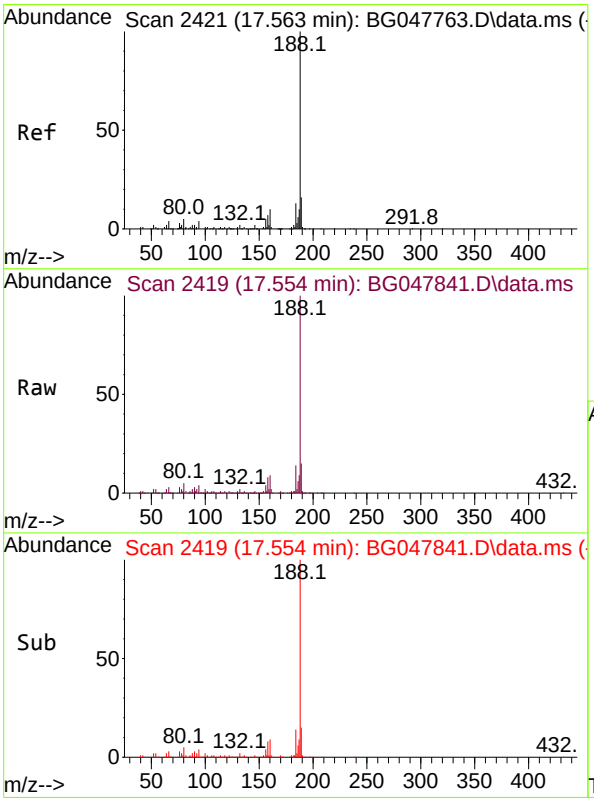


#58
Fluorene
Concen: 4.19 ng
RT: 15.856 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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

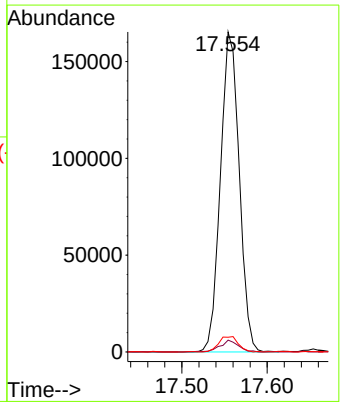




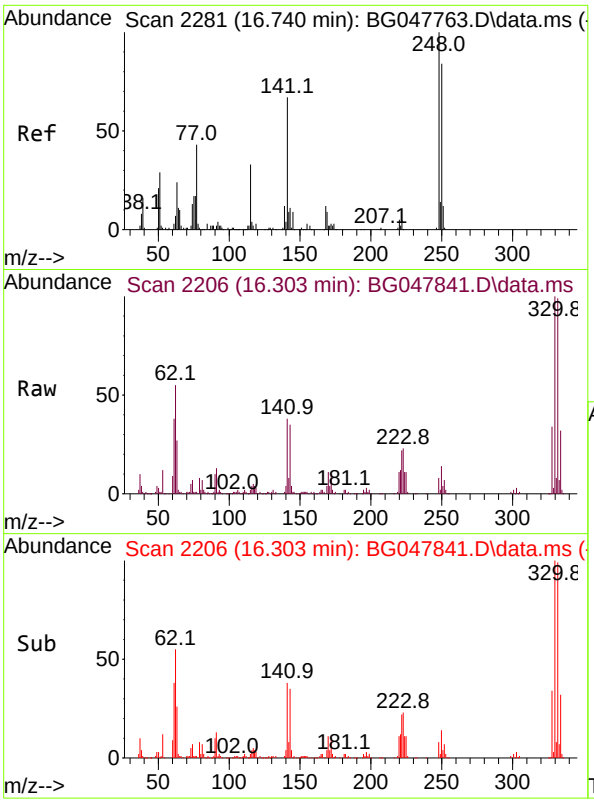
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.554 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#



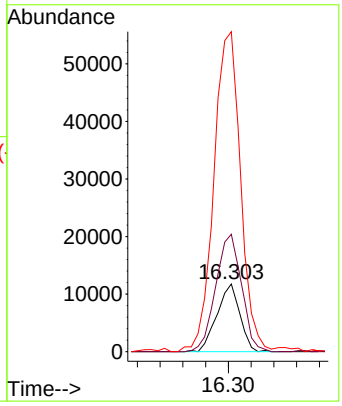
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

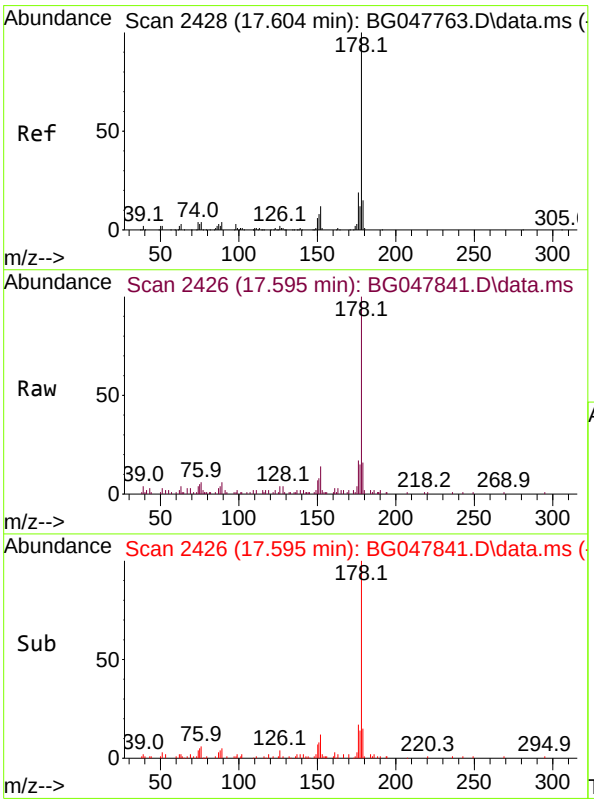


#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 16.303 min Scan# 2206
Delta R.T. -0.438 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:248 Resp: 16465

Ion	Ratio	Lower	Upper
248	100		
250	173.4	78.9	118.3#
141	472.5	46.2	69.4#

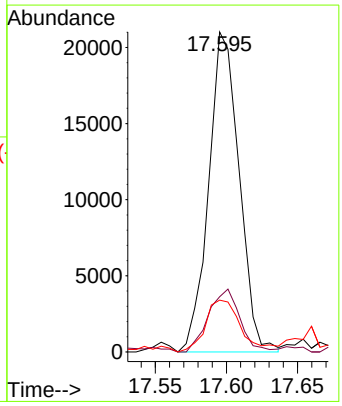




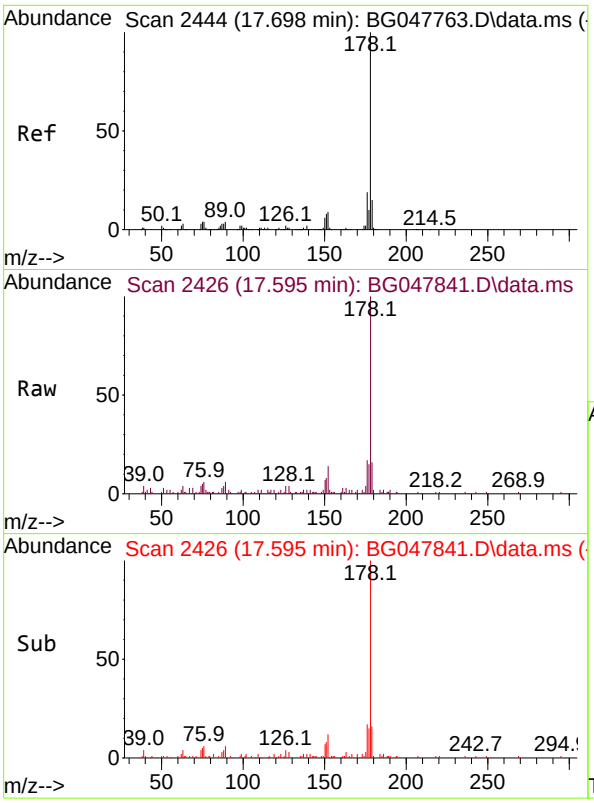
#71
Phenanthrene
Concen: 2.30 ng
RT: 17.595 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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



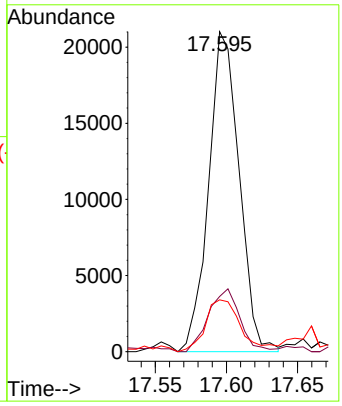
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

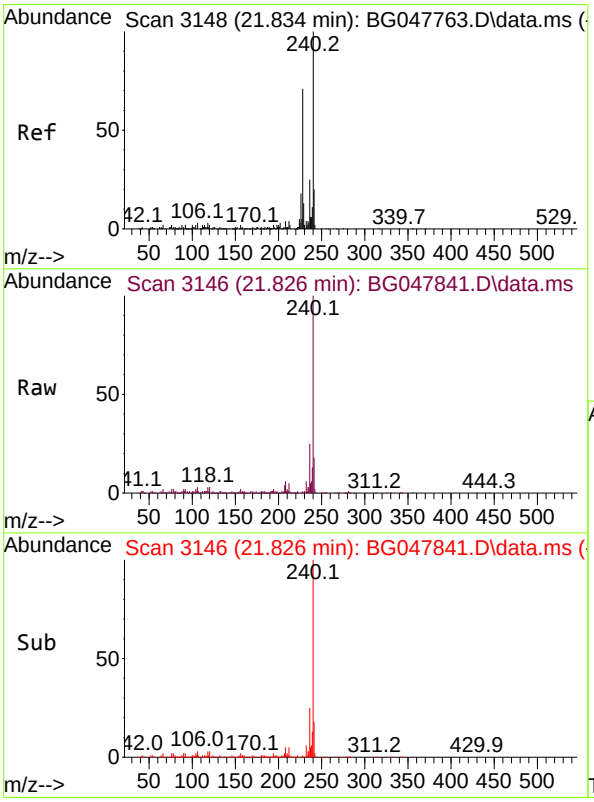


#72
Anthracene
Concen: 2.37 ng
RT: 17.595 min Scan# 2426
Delta R.T. -0.103 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:178 Resp: 31381

Ion	Ratio	Lower	Upper
178	100		
176	17.2	16.4	24.6
179	16.2	13.8	20.6

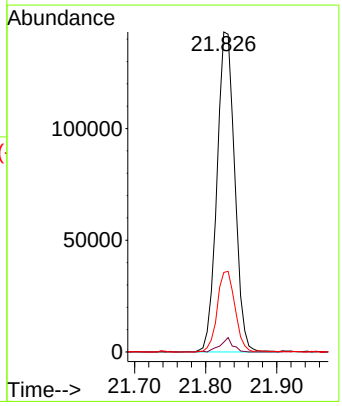


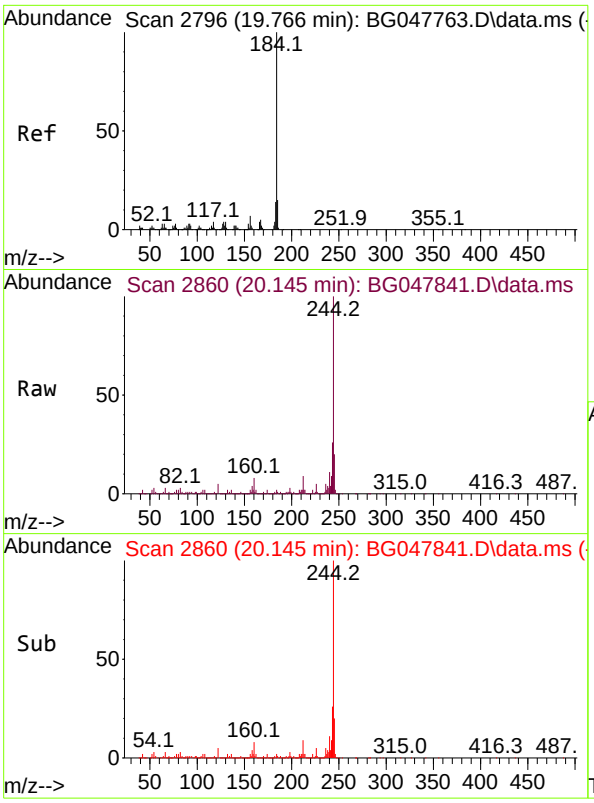


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.826 min Scan# 3146
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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

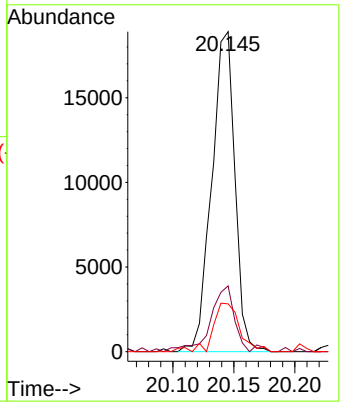




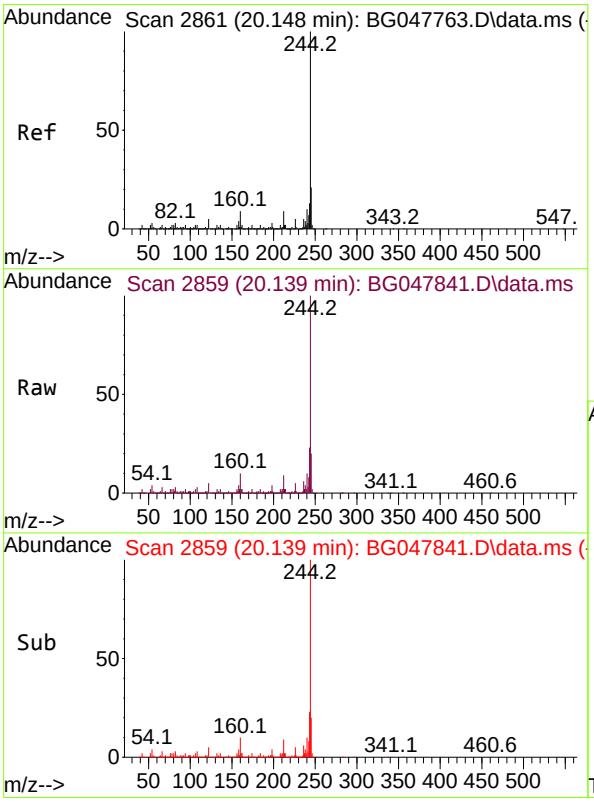
#77
Benzidine
Concen: 3.76 ng
RT: 20.145 min Scan# 2860
Delta R.T. 0.379 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

Tgt Ion:184 Resp: 25019

Ion	Ratio	Lower	Upper
184	100		
185	20.6	12.4	18.6#
183	14.9	10.6	15.8



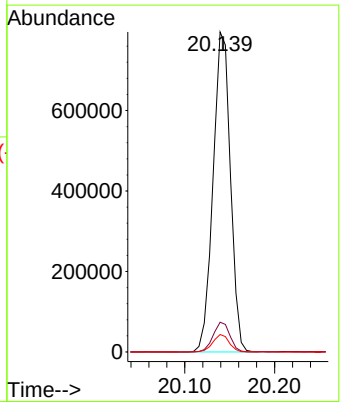
Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

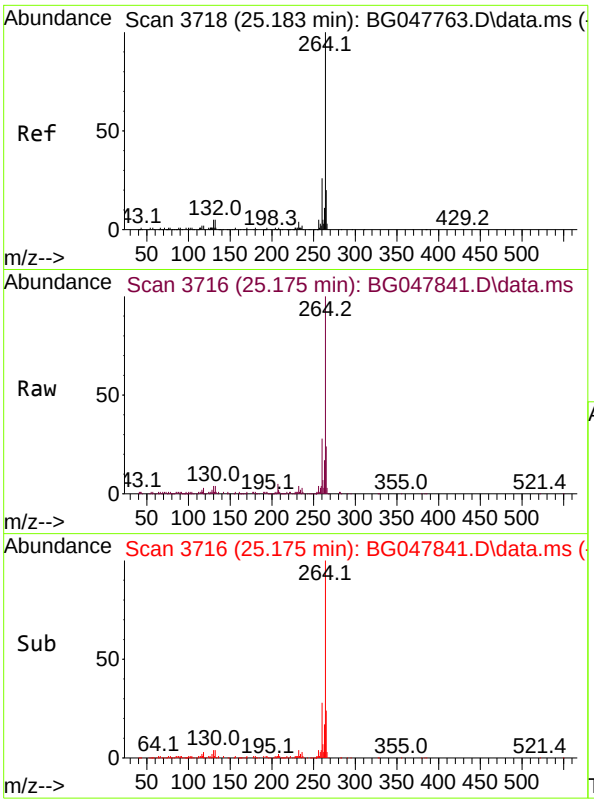


#79
Terphenyl-d14
Concen: 70.93 ng
RT: 20.139 min Scan# 2859
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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#

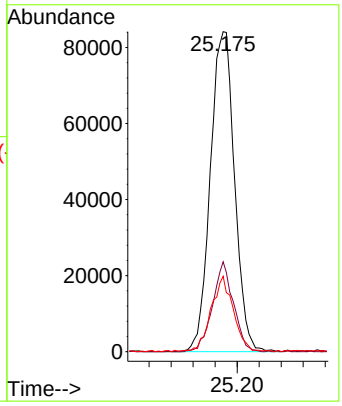




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.175 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG047841.D
Acq: 29 Dec 2020 18:19

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