Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047842.D
Acq On : 29 Dec 2020 18:59
Operator : CG/JU
Sample : L5227-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C5-GW

Quant Time: Dec 29 23:43:25 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	8.197	152	32944	20.00	ng	# 0.00
21) Naphthalene-d8	11.023	136	117943	20.00	ng	# 0.00
39) Acenaphthene-d10	14.824	164	85922	20.00	ng	0.00
64) Phenanthrene-d10	17.562	188	207443	20.00	ng	# 0.00
76) Chrysene-d12	21.828	240	219106	20.00	ng	# 0.00
86) Perylene-d12	25.171	264	247854	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.723	112	136057	71.44	ng	0.00
7) Phenol-d6	7.339	99	122108	43.86	ng	0.00
23) Nitrobenzene-d5	9.366	82	277222	86.45	ng	0.00
42) 2,4,6-Tribromophenol	16.305	330	192009	130.90	ng	0.00
45) 2-Fluorobiphenyl	13.449	172	546428	82.29	ng	0.00
79) Terphenyl-d14	20.141	244	917257	68.98	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.362	94	46785	18.54	ng	# 50
18) Hexachloroethane	9.319	117	17689	17.25	ng	# 1
35) Caprolactam	11.933	113	1839	2.58	ng	# 1
50) Dimethylphthalate	14.260	163	58427	7.89	ng	# 88
52) Acenaphthene	14.883	154	27512	4.93	ng	90
56) 4-Nitrophenol	14.900	139	5433	5.05	ng	90
58) Fluorene	15.864	166	63352	9.22	ng	# 82
66) n-Nitrosodiphenylamine	16.070	169	61480	10.36	ng	# 53
70) Pentachlorophenol	17.204	266	83	Below Cal		# 19
71) Phenanthrene	17.603	178	104135	9.31	ng	# 93
75) Fluoranthene	19.595	202	39785	2.65	ng	95
78) Pyrene	19.953	202	61830	3.94	ng	92

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

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Misc :
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Instrument :
BNA_G
ClientSampleId :
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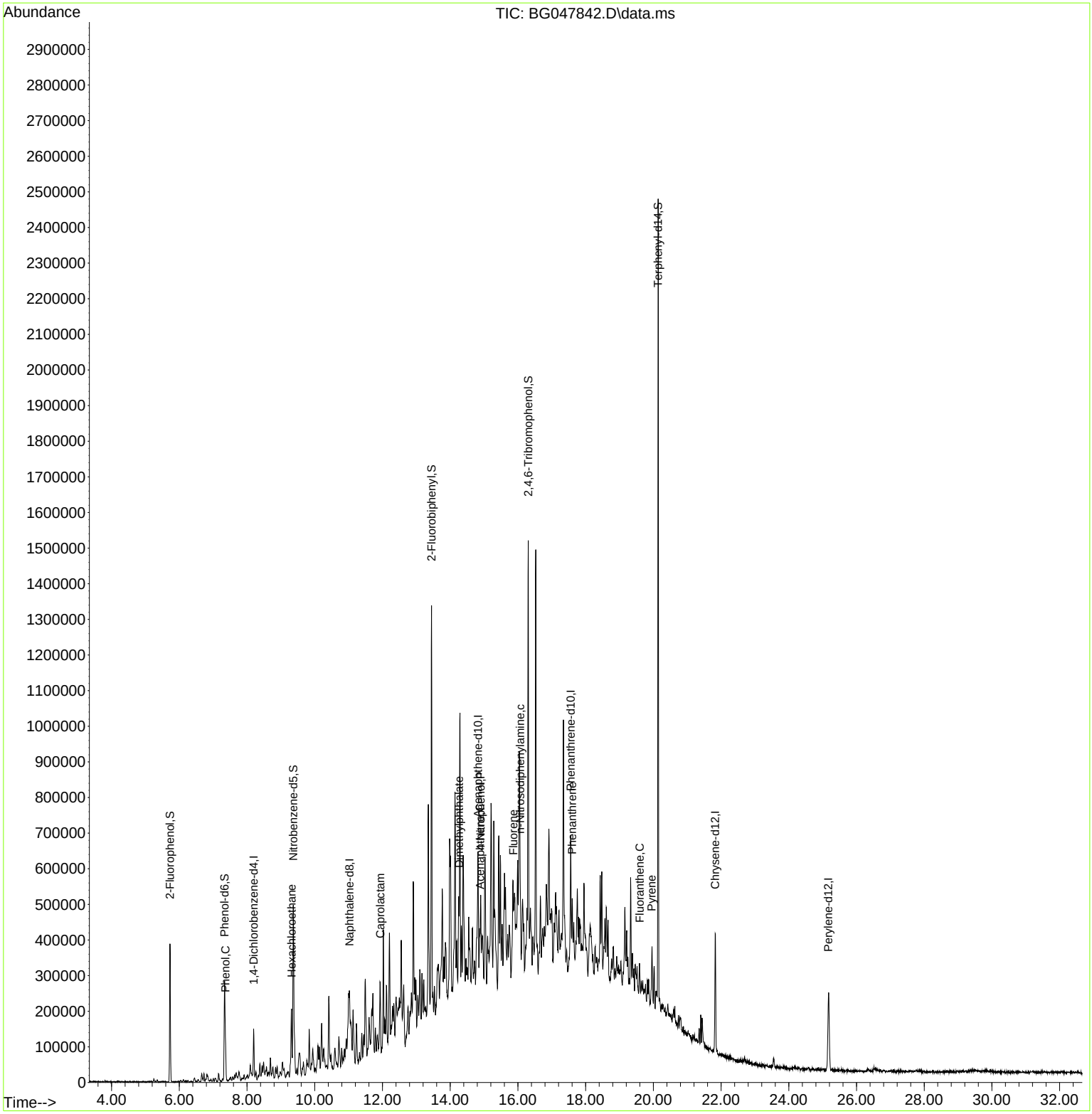
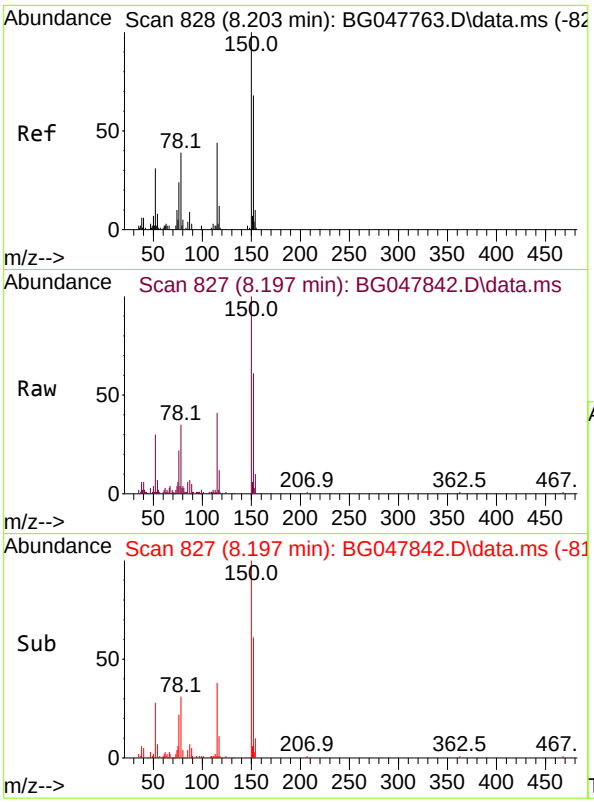
Quant Time: Dec 29 23:43:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration



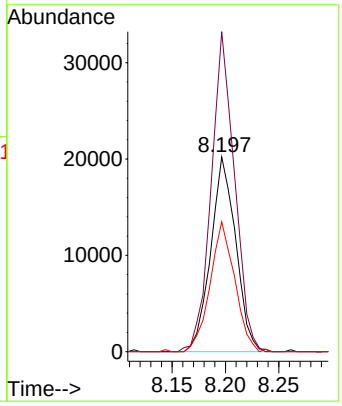
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

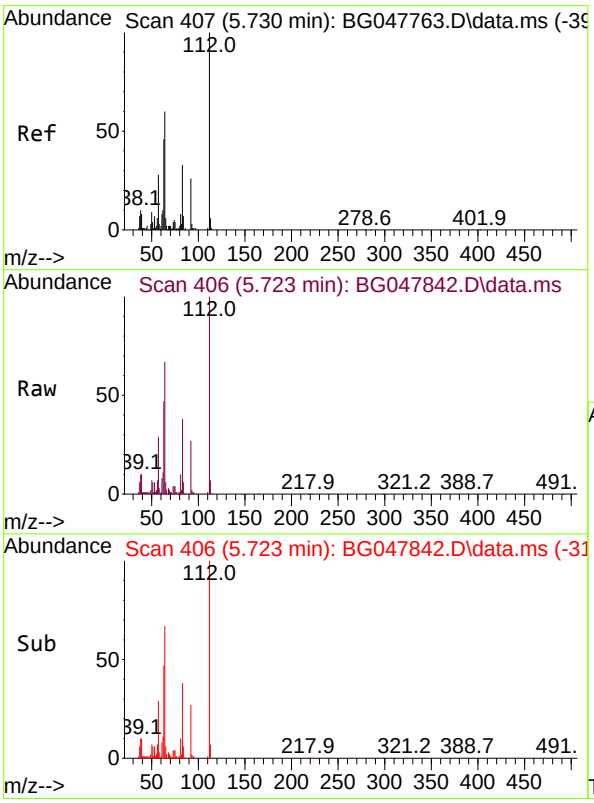


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.197 min Scan# 827
Delta R.T. -0.006 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:152 Resp: 32944

Ion	Ratio	Lower	Upper
152	100		
150	164.3	125.0	187.6
115	66.7	41.8	62.6#

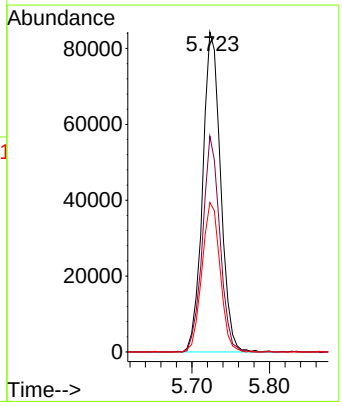




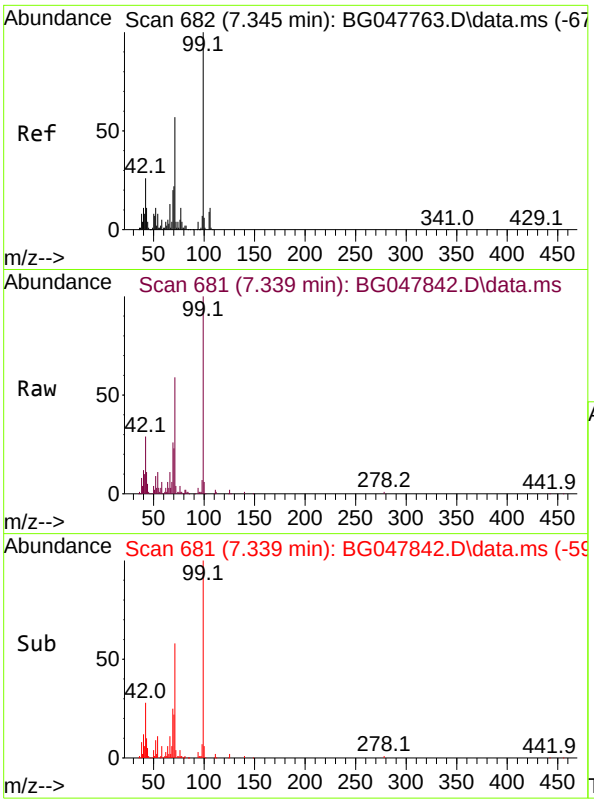
#5
2-Fluorophenol
Concen: 71.44 ng
RT: 5.723 min Scan# 406
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:112 Resp: 136057

Ion	Ratio	Lower	Upper
112	100		
64	67.5	46.7	70.1
63	46.7	22.8	34.2#



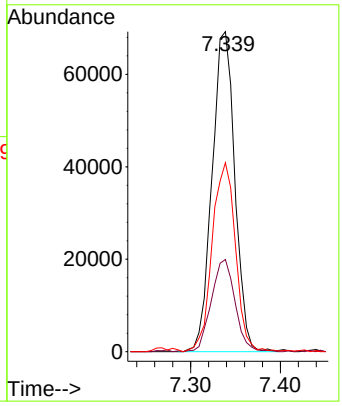
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

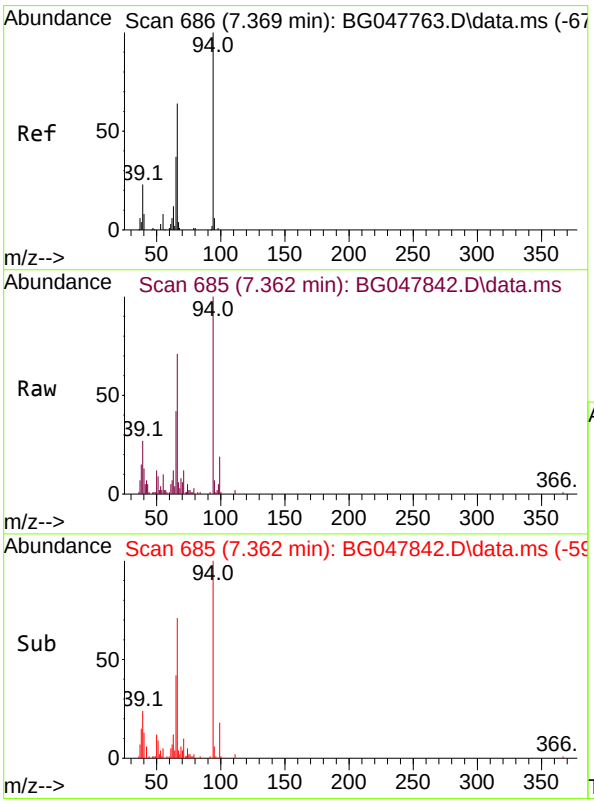


#7
Phenol-d6
Concen: 43.86 ng
RT: 7.339 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion: 99 Resp: 122108

Ion	Ratio	Lower	Upper
99	100		
42	28.8	12.8	19.2#
71	59.1	24.6	36.8#

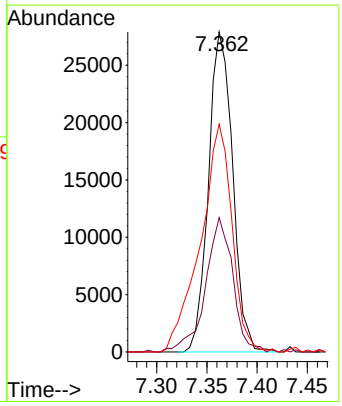




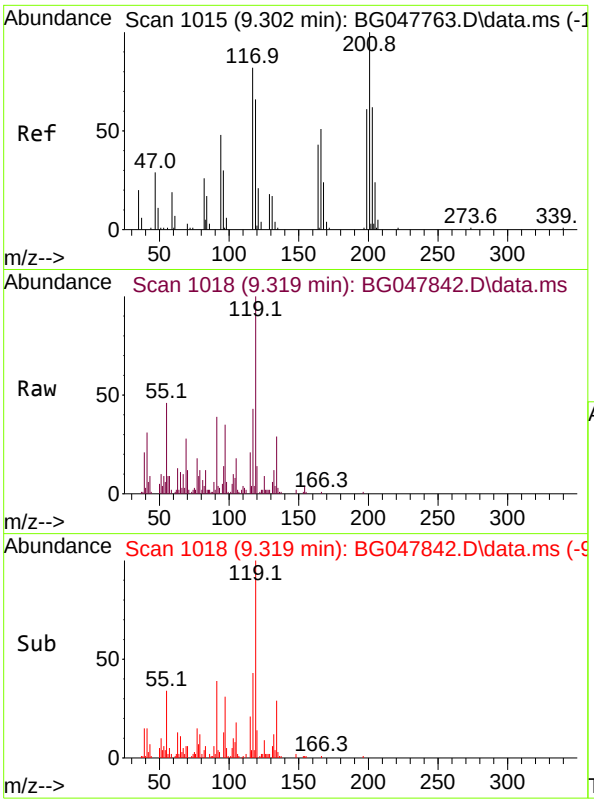
#10
Phenol
Concen: 18.54 ng
RT: 7.362 min Scan# 685
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion: 94 Resp: 46785

Ion	Ratio	Lower	Upper
94	100		
65	42.0	6.6	46.6
66	71.2	13.9	53.9#



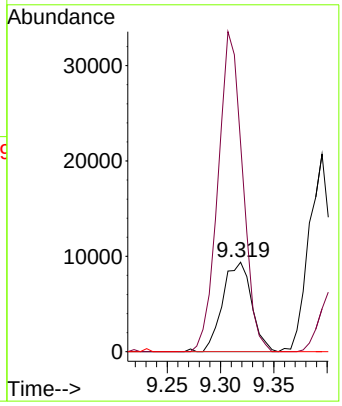
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

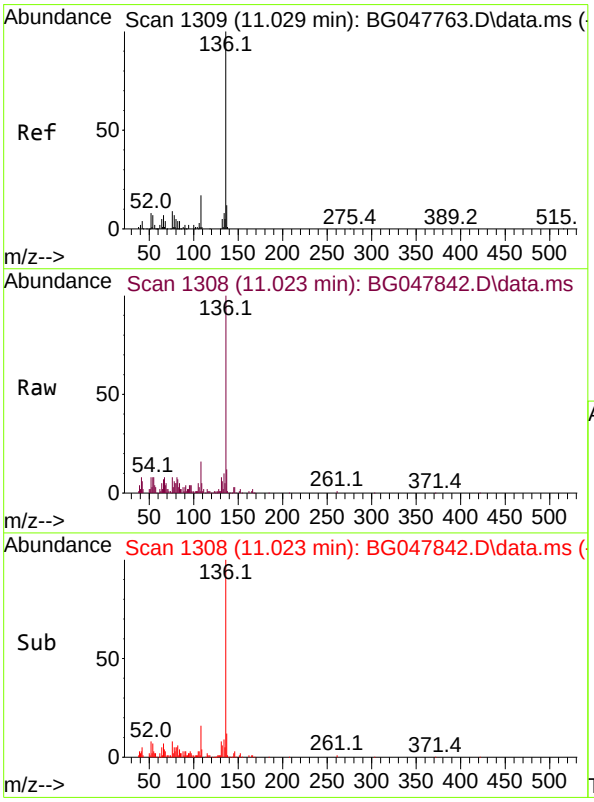


#18
Hexachloroethane
Concen: 17.25 ng
RT: 9.319 min Scan# 1018
Delta R.T. 0.017 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:117 Resp: 17689

Ion	Ratio	Lower	Upper
117	100		
119	233.1	77.5	116.3#
201	0.0	104.9	157.3#

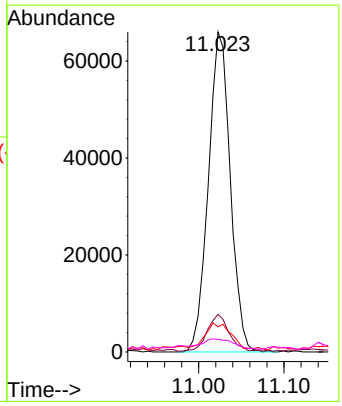


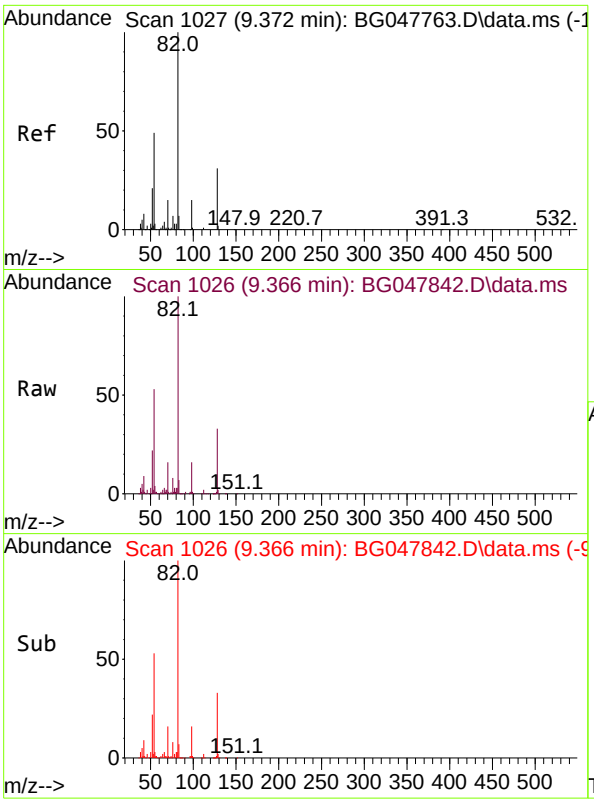


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.023 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:136 Resp: 117943

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.9	6.2	9.4
68	4.0	5.0	7.4#

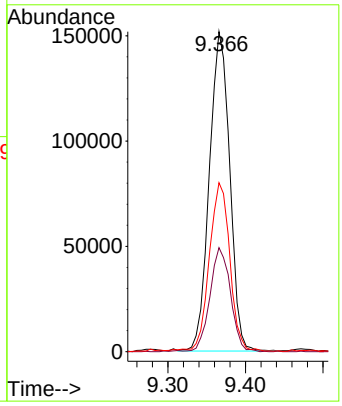




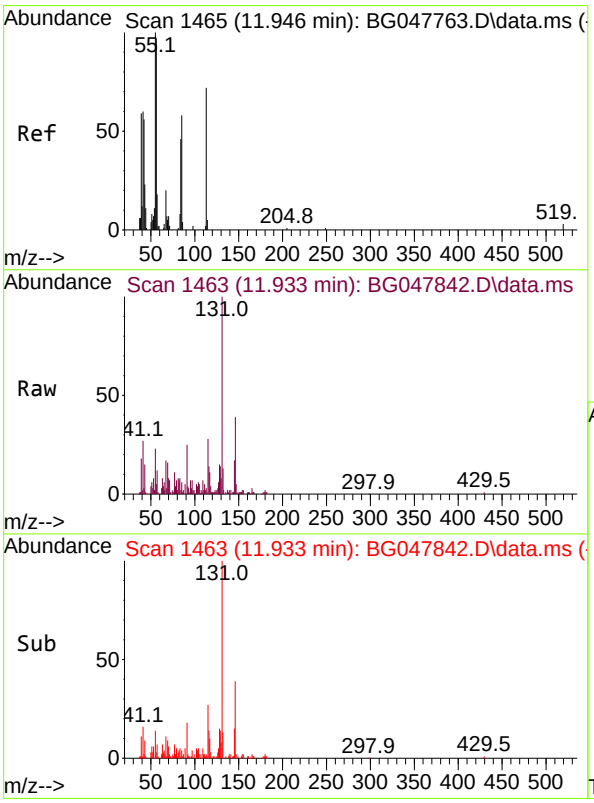
#23
Nitrobenzene-d5
Concen: 86.45 ng
RT: 9.366 min Scan# 1026
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion: 82 Resp: 277222

Ion	Ratio	Lower	Upper
82	100		
128	32.5	37.0	55.6#
54	52.8	39.0	58.4



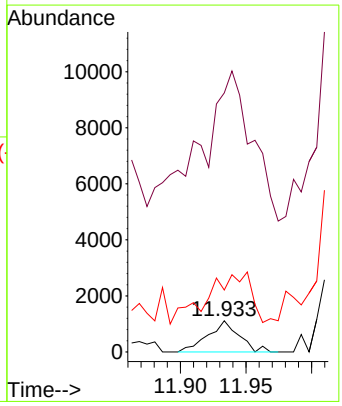
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW



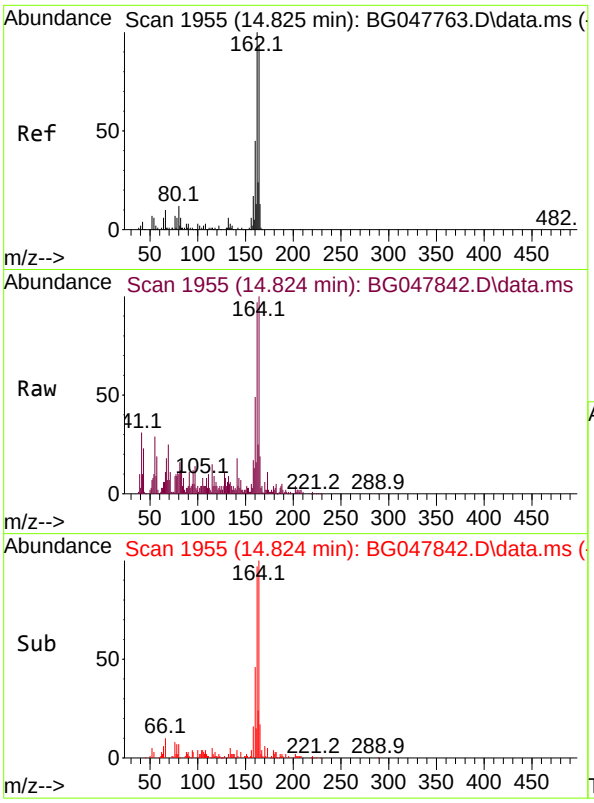
#35
Caprolactam
Concen: 2.58 ng
RT: 11.933 min Scan# 1463
Delta R.T. -0.013 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:113 Resp: 1839

Ion	Ratio	Lower	Upper
113	100		
55	830.4	149.2	189.2#
56	198.6	107.2	147.2#



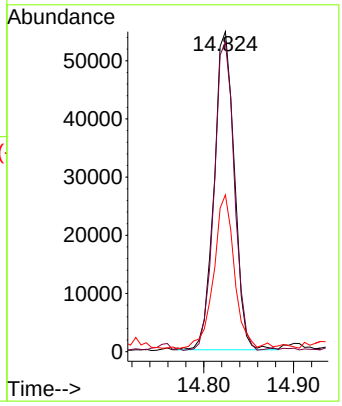
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

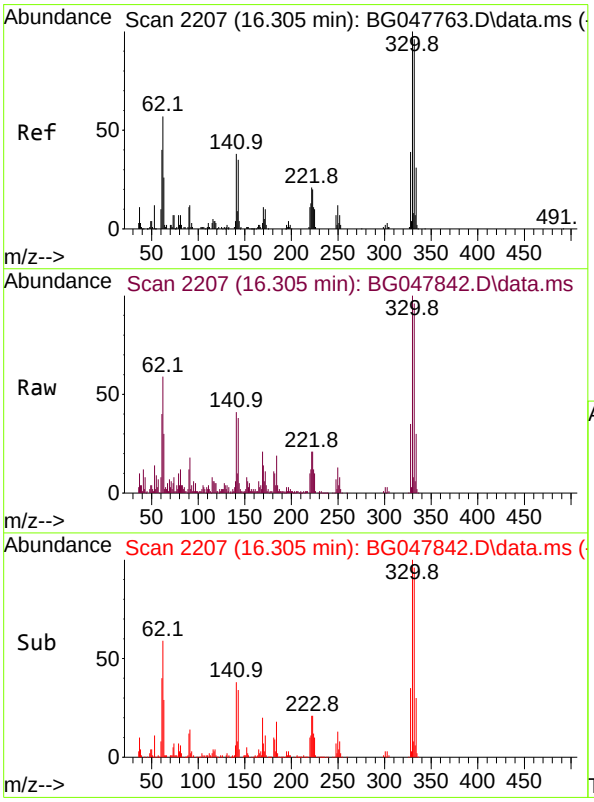


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.824 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:164 Resp: 85922

Ion	Ratio	Lower	Upper
164	100		
162	96.7	82.3	123.5
160	49.0	35.3	52.9

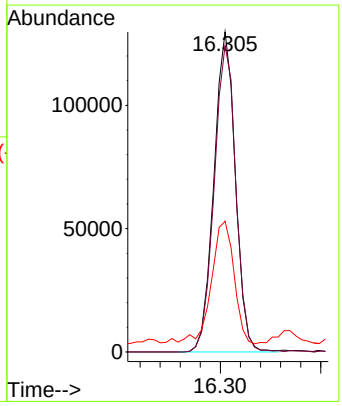


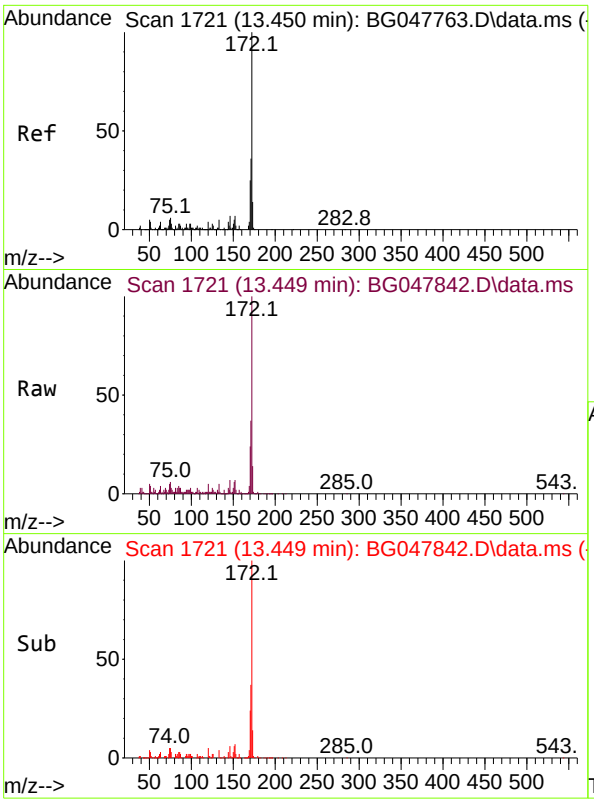


#42
2,4,6-Tribromophenol
Concen: 130.90 ng
RT: 16.305 min Scan# 2207
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:330 Resp: 192009

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.5	114.7
141	41.6	26.0	39.0#

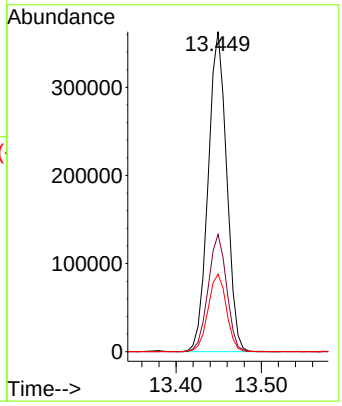




#45
2-Fluorobiphenyl
Concen: 82.29 ng
RT: 13.449 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:172 Resp: 546428

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.3	46.9
170	24.2	20.8	31.2



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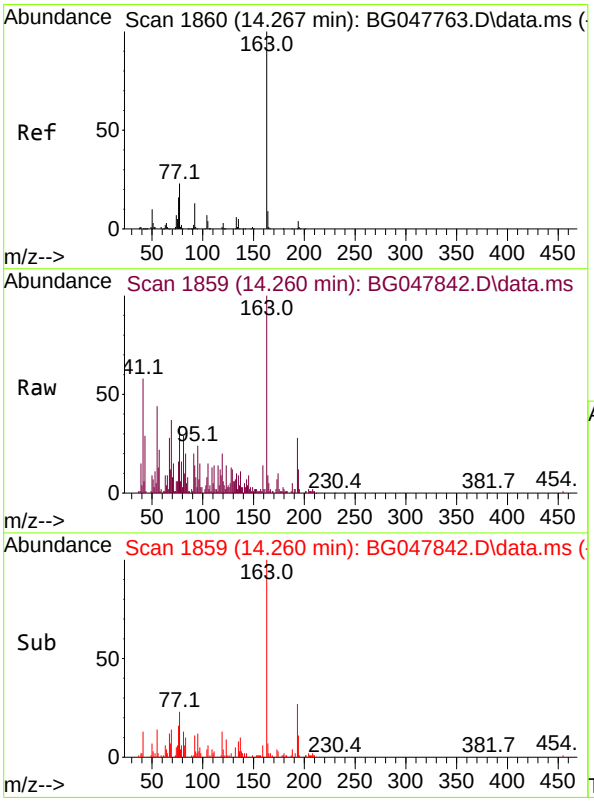
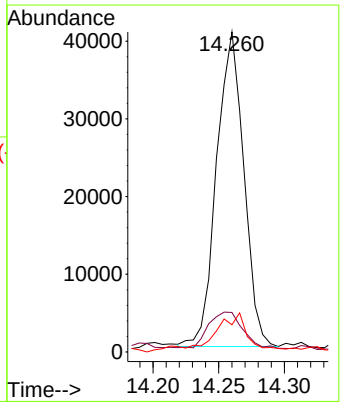


#50
Dimethylphthalate
Concen: 7.89 ng
RT: 14.260 min Scan# 1859
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:163 Resp: 58427

Ion	Ratio	Lower	Upper
163	100		
194	12.3	3.8	5.8#
164	8.5	8.8	13.2#



Instrument :
BNA_G
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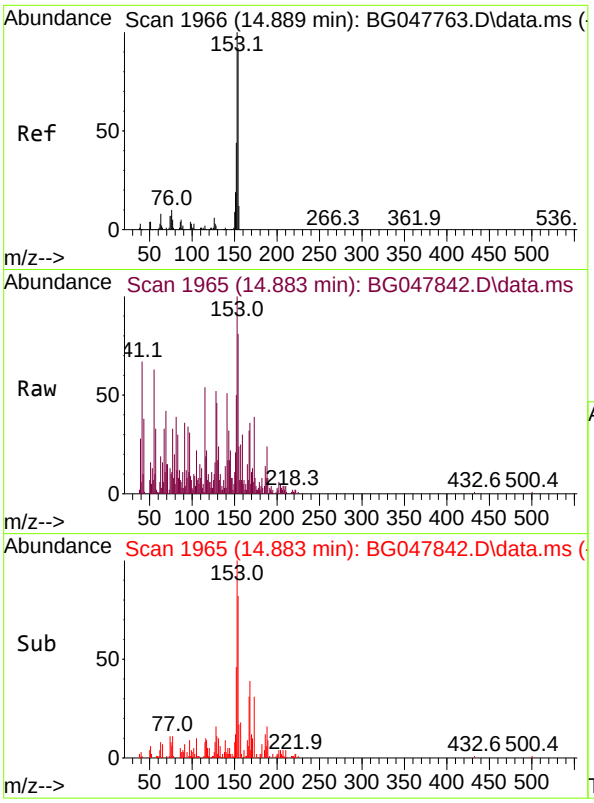
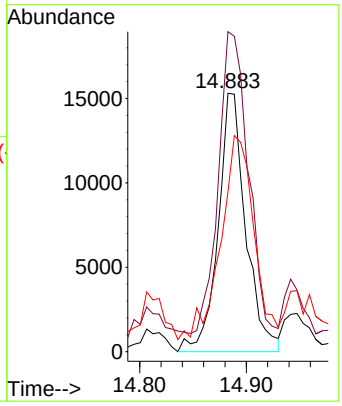
OWL-C5-GW

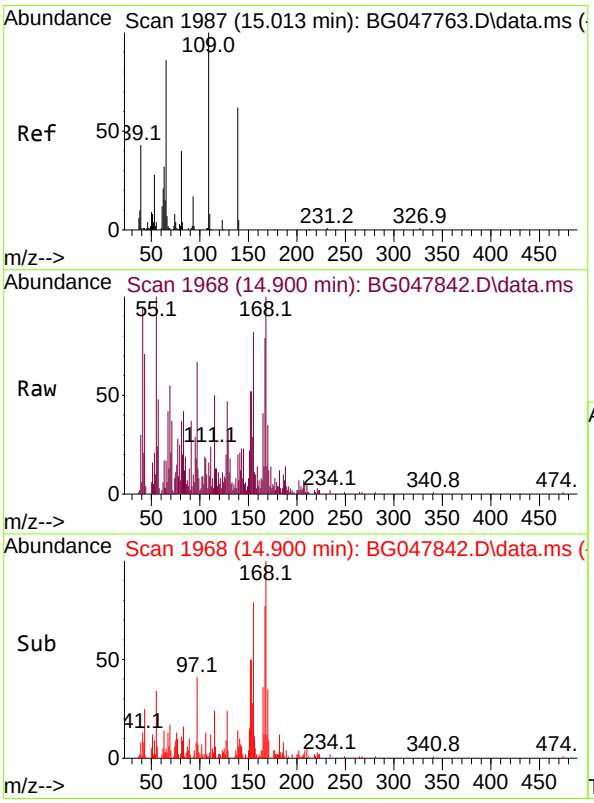


#52
Acenaphthene
Concen: 4.93 ng
RT: 14.883 min Scan# 1965
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:154 Resp: 27512

Ion	Ratio	Lower	Upper
154	100		
153	123.8	90.3	135.5
152	61.8	43.8	65.8

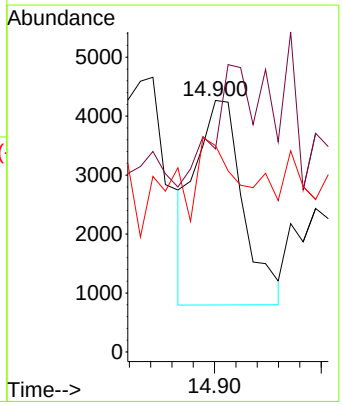




#56
4-Nitrophenol
Concen: 5.05 ng
RT: 14.900 min Scan# 1968
Delta R.T. -0.112 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:139 Resp: 5433

Ion	Ratio	Lower	Upper
139	100		
109	80.8	45.9	85.9
65	82.1	65.4	105.4



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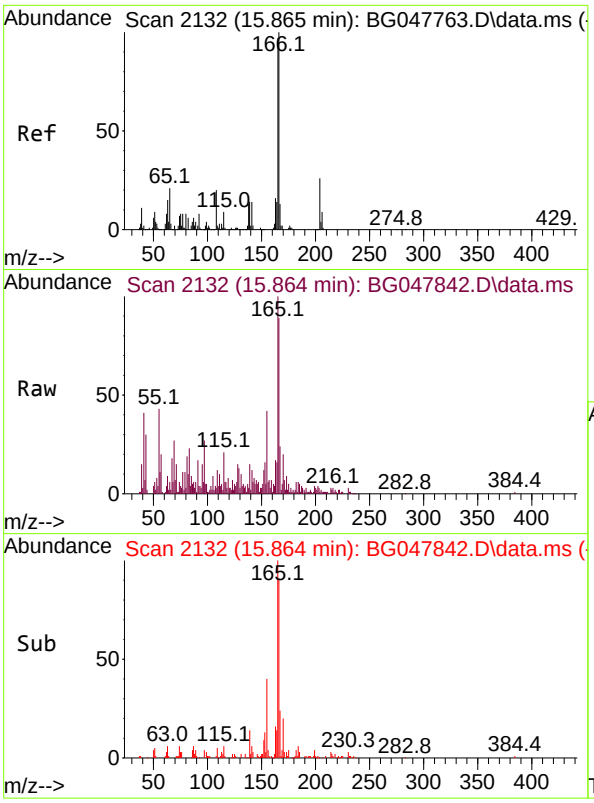
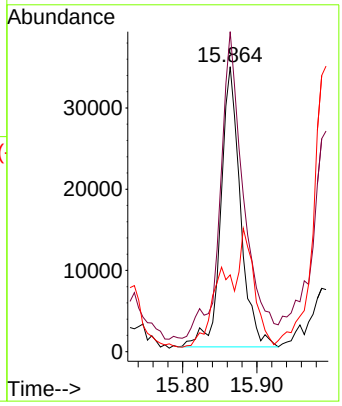
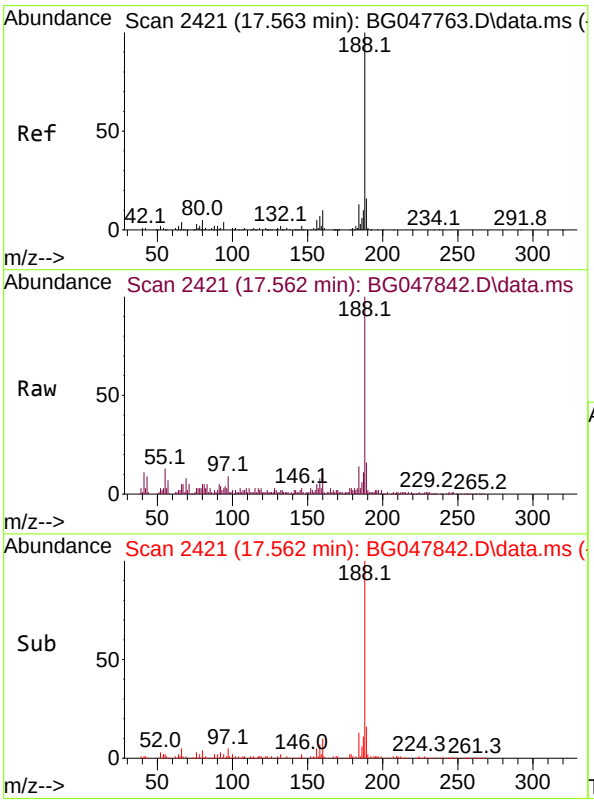


#58
Fluorene
Concen: 9.22 ng
RT: 15.864 min Scan# 2132
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:166 Resp: 63352

Ion	Ratio	Lower	Upper
166	100		
165	112.3	77.2	115.8
167	27.0	11.4	17.2#

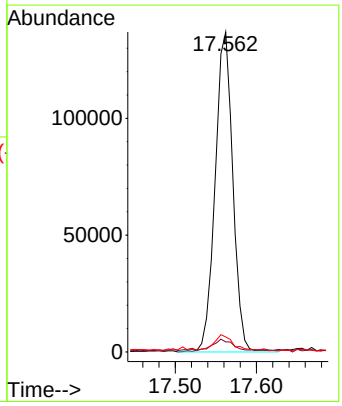




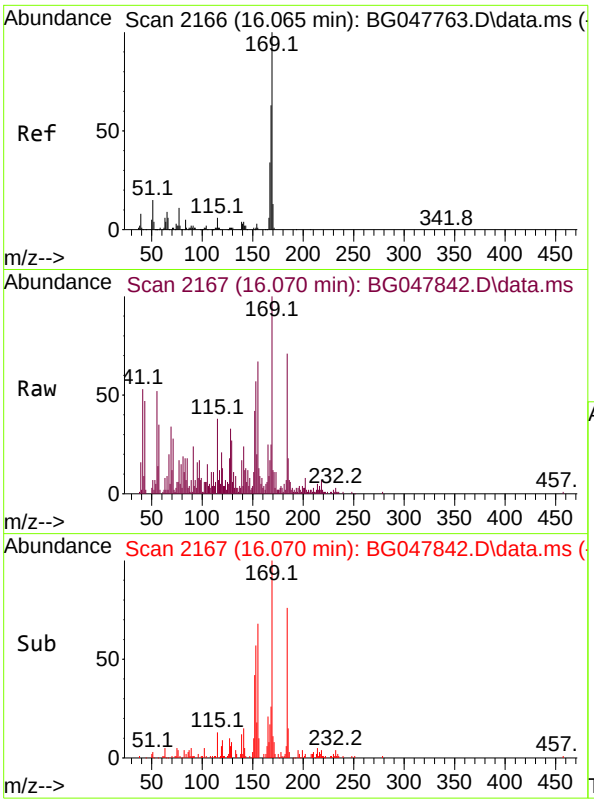
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.562 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:188 Resp: 207443

Ion	Ratio	Lower	Upper
188	100		
94	3.1	6.3	9.5#
80	4.7	7.0	10.6#



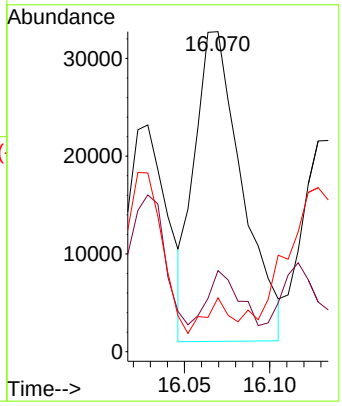
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

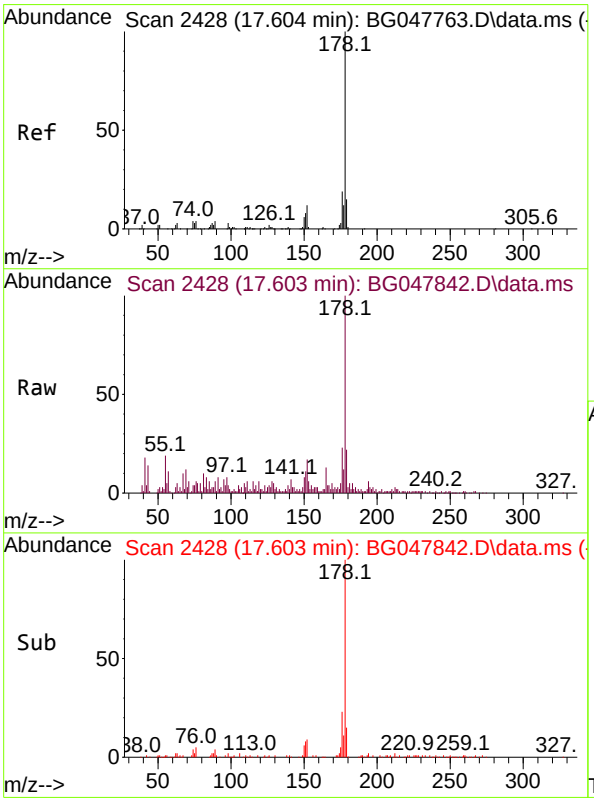


#66
n-Nitrosodiphenylamine
Concen: 10.36 ng
RT: 16.070 min Scan# 2167
Delta R.T. 0.005 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:169 Resp: 61480

Ion	Ratio	Lower	Upper
169	100		
168	25.4	55.5	83.3#
167	16.9	30.5	45.7#

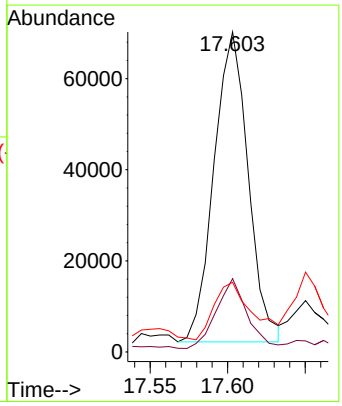




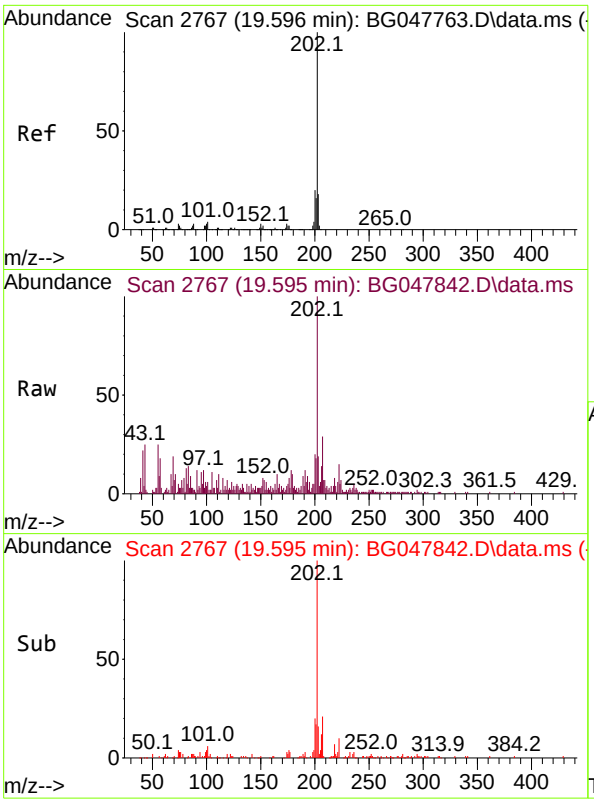
#71
Phenanthrene
Concen: 9.31 ng
RT: 17.603 min Scan# 2428
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:178 Resp: 104135

Ion	Ratio	Lower	Upper
178	100		
176	22.9	16.7	25.1
179	21.7	14.0	21.0#



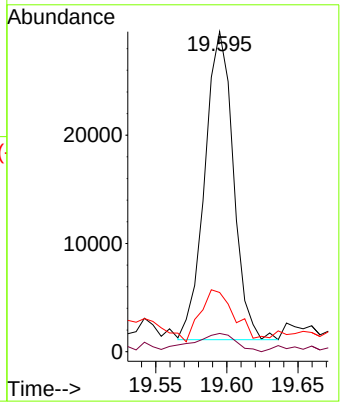
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

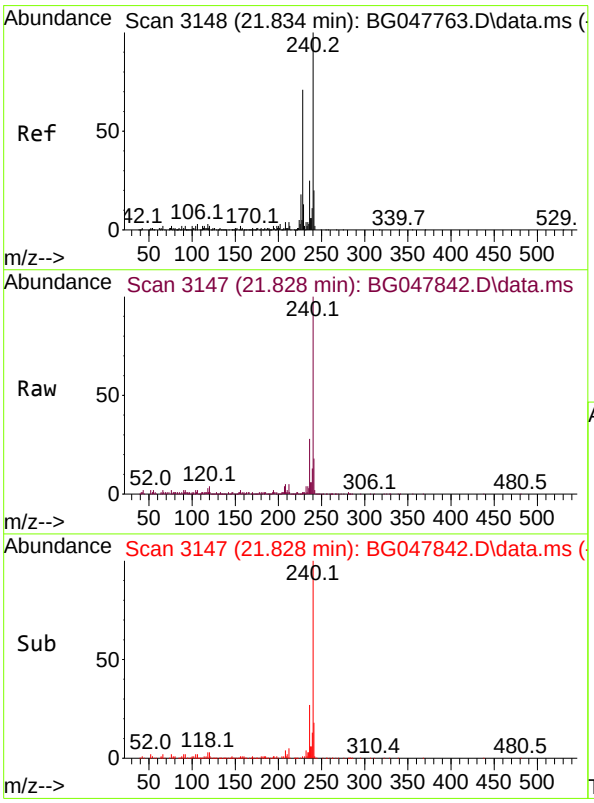


#75
Fluoranthene
Concen: 2.65 ng
RT: 19.595 min Scan# 2767
Delta R.T. -0.001 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:202 Resp: 39785

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	29.7
203	18.5	0.0	39.2

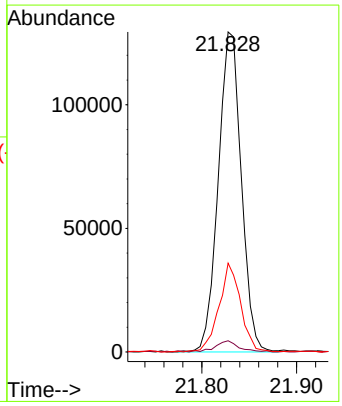




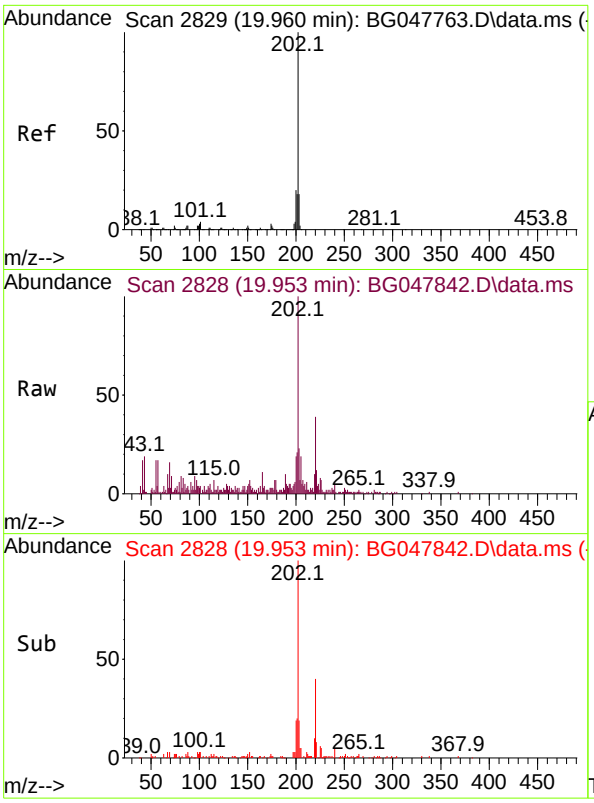
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.828 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:240 Resp: 219106

Ion	Ratio	Lower	Upper
240	100		
120	3.5	6.2	9.4#
236	27.8	20.5	30.7



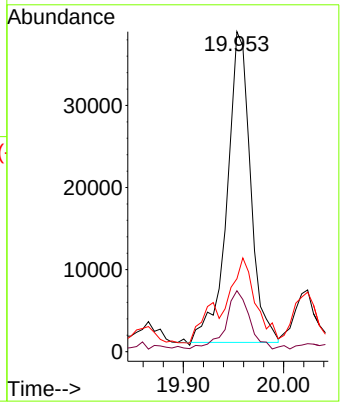
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

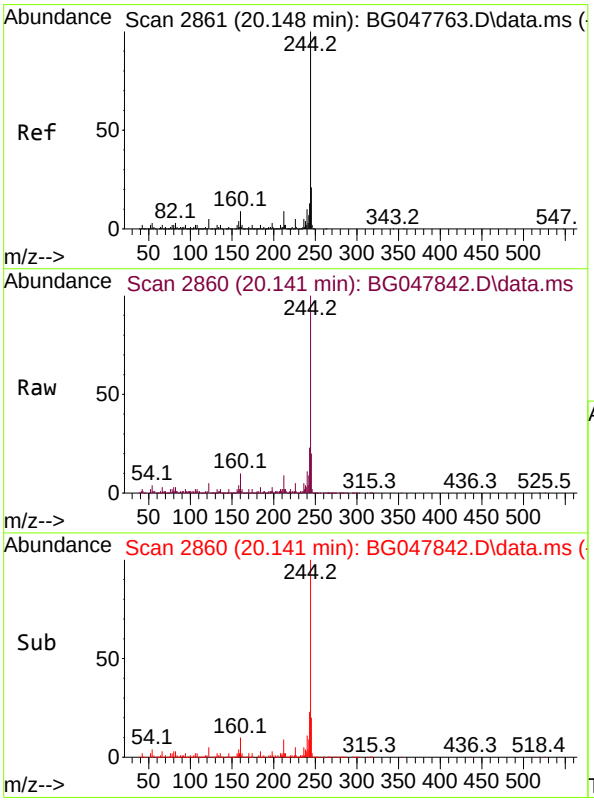


#78
Pyrene
Concen: 3.94 ng
RT: 19.953 min Scan# 2828
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:202 Resp: 61830

Ion	Ratio	Lower	Upper
202	100		
200	19.1	18.6	27.8
203	22.8	15.3	22.9

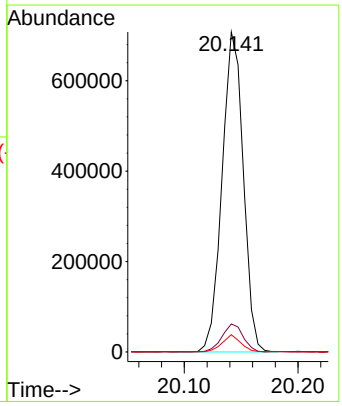


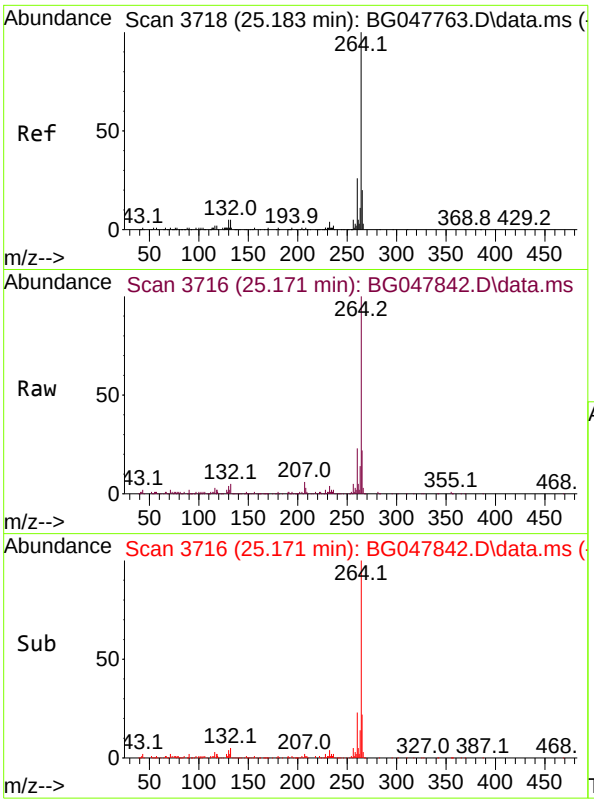


#79
Terphenyl-d14
Concen: 68.98 ng
RT: 20.141 min Scan# 2860
Delta R.T. -0.007 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:244 Resp: 917257

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.7	10.1
122	5.4	7.8	11.6#

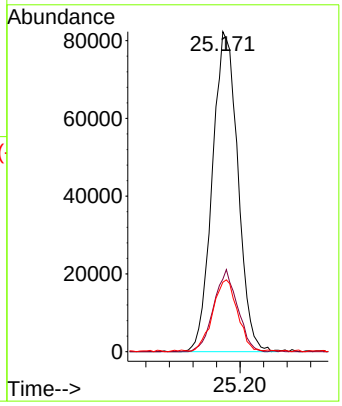




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.171 min Scan# 3716
Delta R.T. -0.013 min
Lab File: BG047842.D
Acq: 29 Dec 2020 18:59

Tgt Ion:264 Resp: 247854

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.7	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW