Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050657.D
Acq On : 20 Oct 2021 22:58
Operator : CG/JU
Sample : M4269-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-4197

Quant Time: Oct 21 03:19:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	52504	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	219545	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	127542	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	231634	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	218000	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	224013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	317578	90.460	ng	0.00
7) Phenol-d6	7.392	99	437232	86.020	ng	0.00
23) Nitrobenzene-d5	9.424	82	313568	59.124	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	105259	86.524	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	557322	65.766	ng	0.00
79) Terphenyl-d14	20.206	244	697069	62.315	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.397	77	1014	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.419	70	44666	12.056	ng	# 70
52) Acenaphthene	14.936	154	26149	3.477	ng	89
58) Fluorene	15.911	166	24062	2.693	ng	# 84
71) Phenanthrene	17.662	178	496817	40.702	ng	99
72) Anthracene	17.662	178	496817	40.959	ng	97
73) Carbazole	18.014	167	52736	4.362	ng	# 80
75) Fluoranthene	19.665	202	871477	58.081	ng	95
78) Pyrene	20.024	202	688704	44.527	ng	96
81) Benzo(a)anthracene	21.898	228	308990	21.421	ng	99
83) Chrysene	21.969	228	338695	24.962	ng	95
88) Benzo(b)fluoranthene	24.242	252	453874	33.083	ng	# 89
89) Benzo(k)fluoranthene	24.242	252	453874	33.629	ng	# 93
90) Benzo(a)pyrene	25.171	252	281730	24.153	ng	# 93
91) Dibenzo(a,h)anthracene	29.307	278	51135	3.962	ng	# 79
92) Benzo(g,h,i)perylene	30.482	276	196219	15.524	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050657.D
Acq On : 20 Oct 2021 22:58
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Quant Time: Oct 21 03:19:02 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
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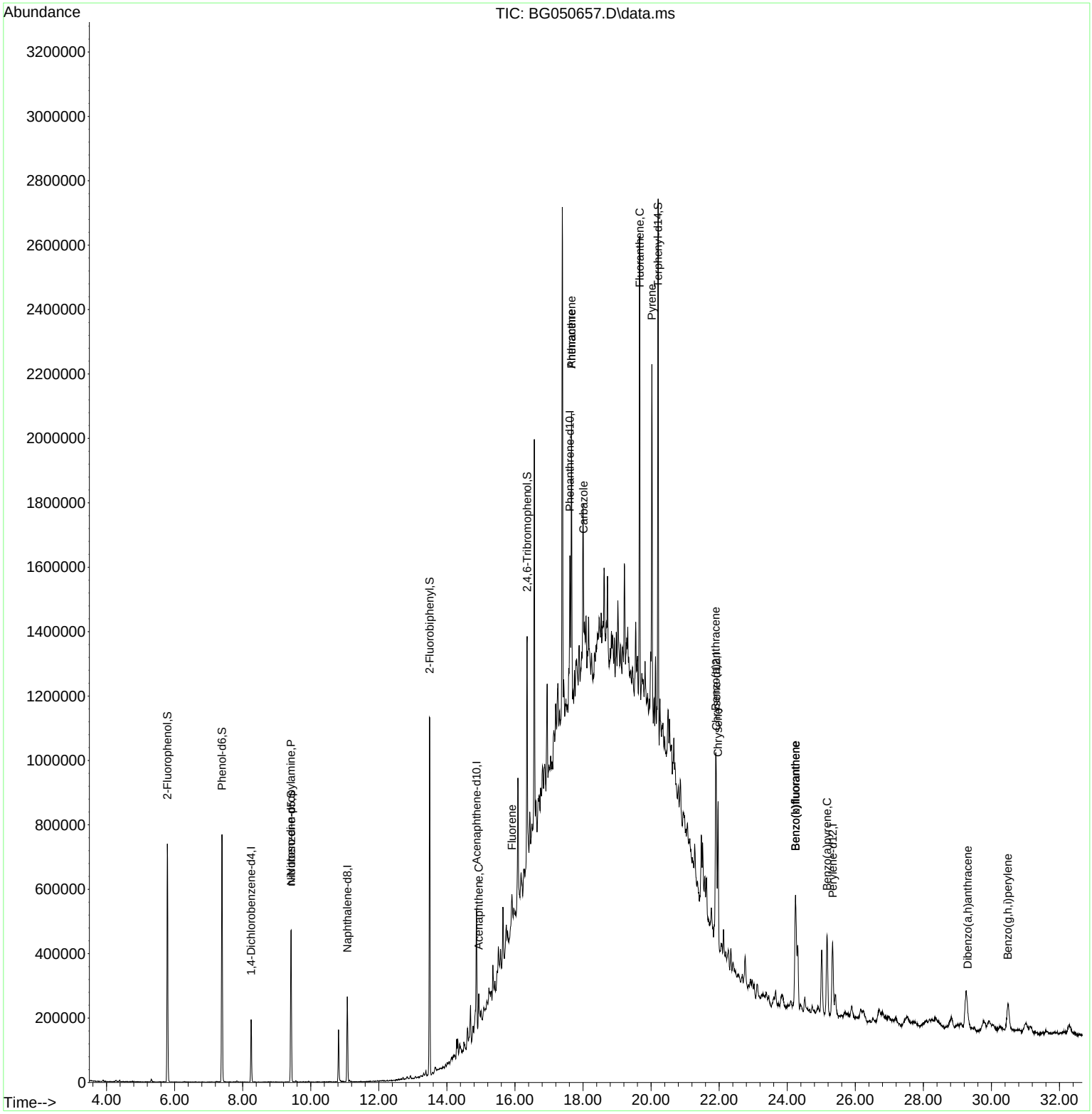
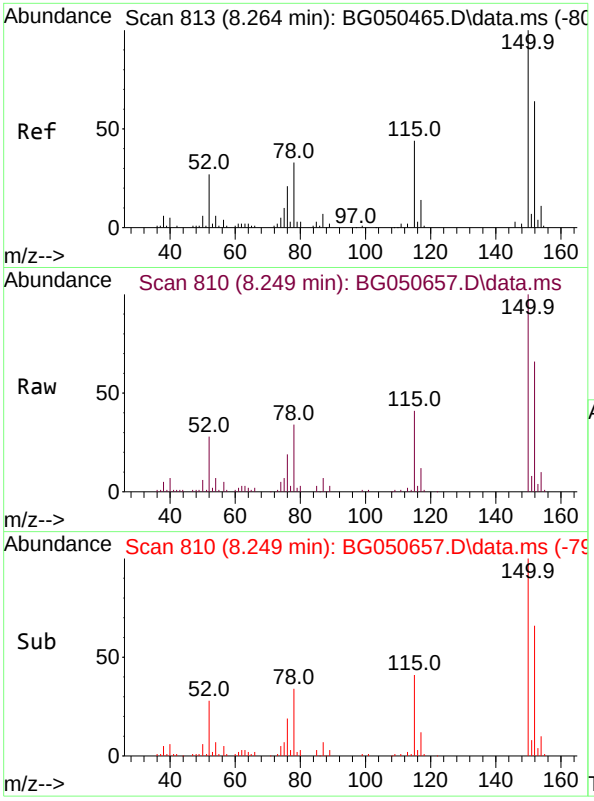


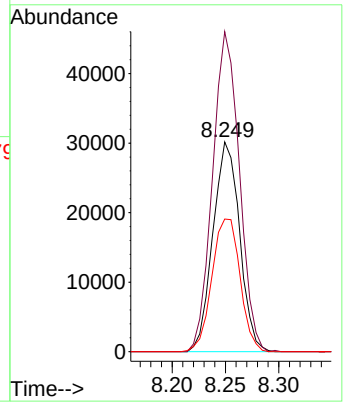
Instrument :
BNA_G
ClientSampleId :
RT-4197

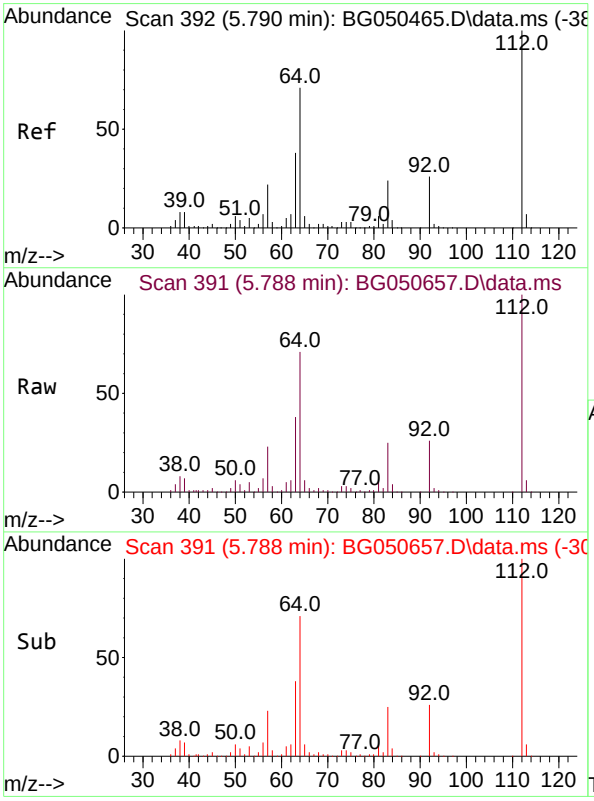


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 810
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:152 Resp: 52504

Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.4	179.0
115	63.2	60.2	90.4

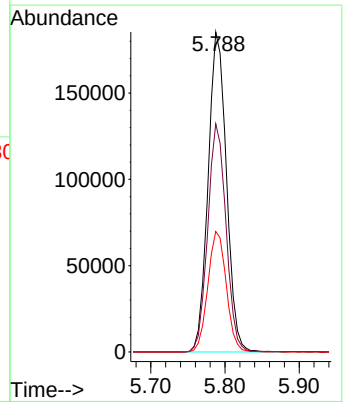




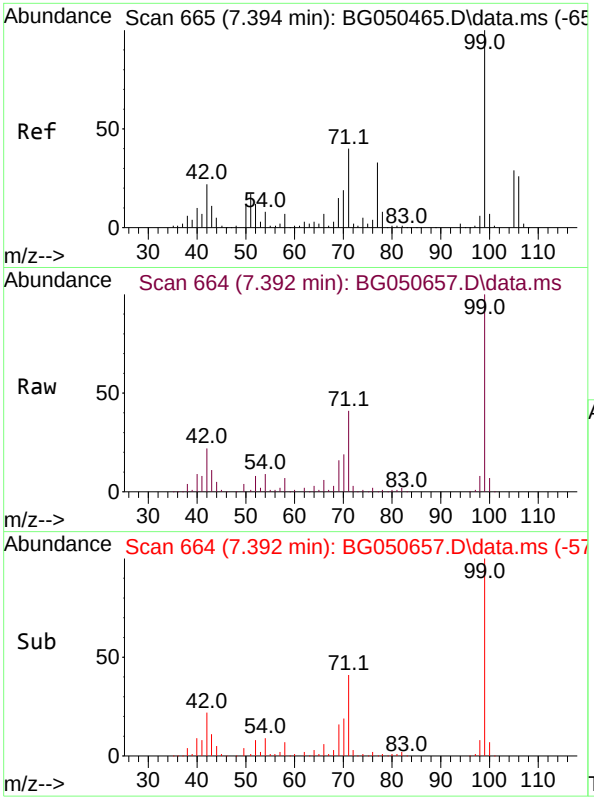
#5
2-Fluorophenol
Concen: 90.460 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:112 Resp: 317578

Ion	Ratio	Lower	Upper
112	100		
64	71.3	46.7	70.1#
63	37.6	35.3	52.9



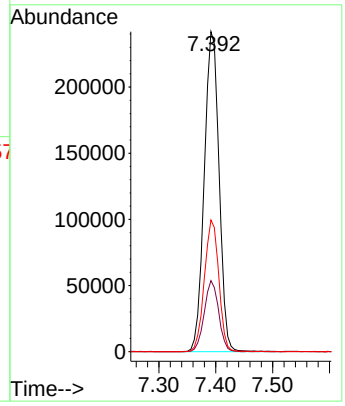
Instrument :
BNA_G
ClientSampleId :
RT-4197

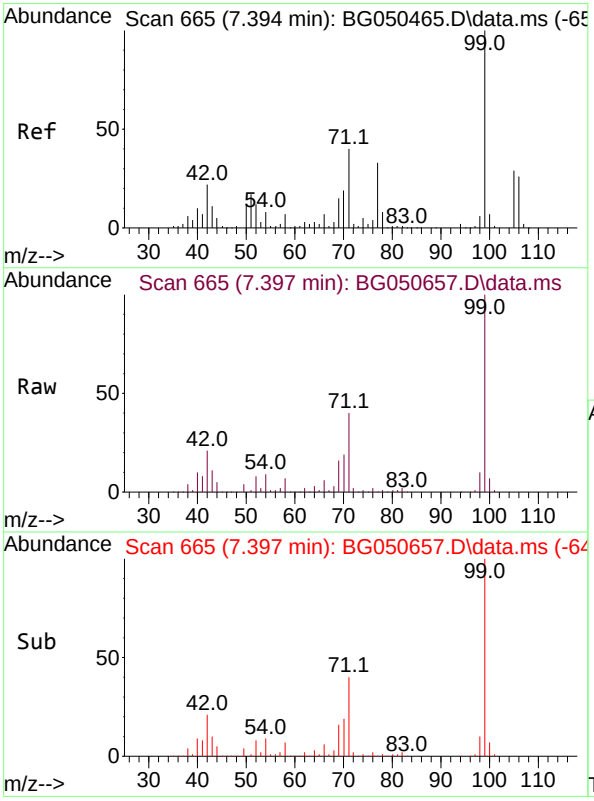


#7
Phenol-d6
Concen: 86.020 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion: 99 Resp: 437232

Ion	Ratio	Lower	Upper
99	100		
42	22.2	20.5	30.7
71	41.1	41.5	62.3#

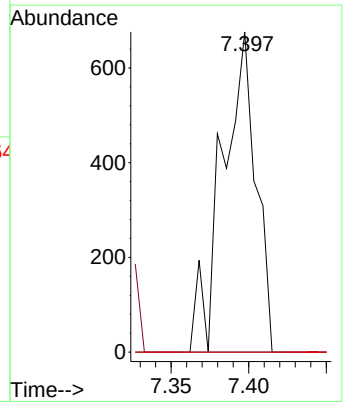




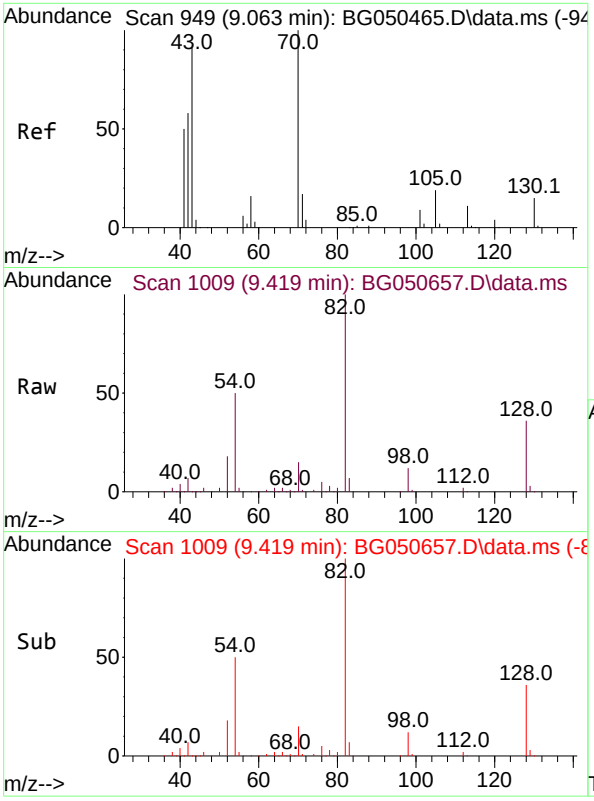
#9
Benzaldehyde
Concen: Below Cal
RT: 7.397 min Scan# 665
Delta R.T. 0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion: 77 Resp: 1014

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.8	108.8#
106	0.0	47.9	87.9#



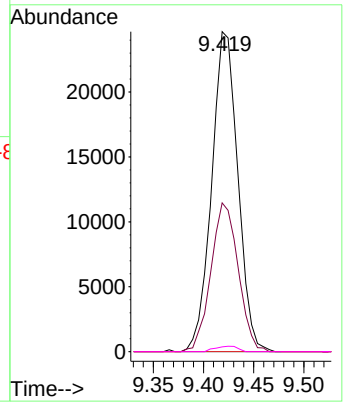
Instrument :
BNA_G
ClientSampleId :
RT-4197

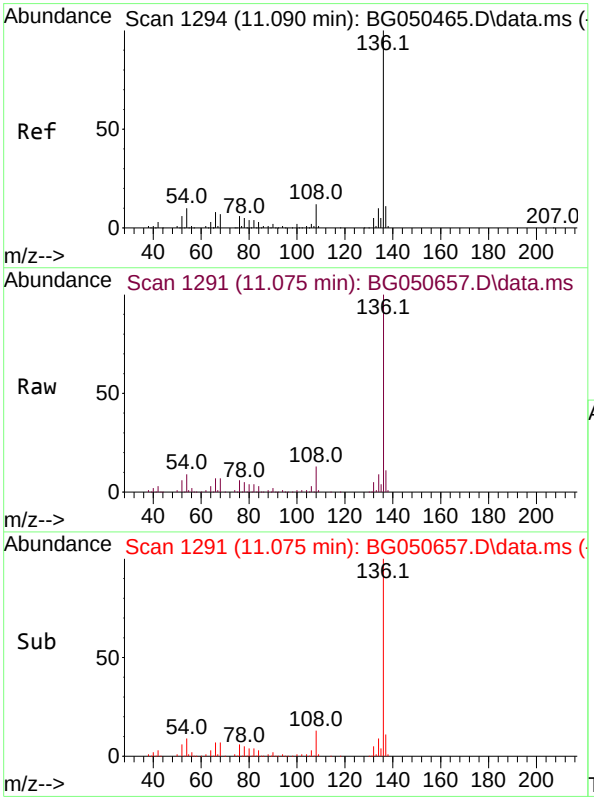


#19
n-Nitroso-di-n-propylamine
Concen: 12.056 ng
RT: 9.419 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion: 70 Resp: 44666

Ion	Ratio	Lower	Upper
70	100		
42	46.5	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#

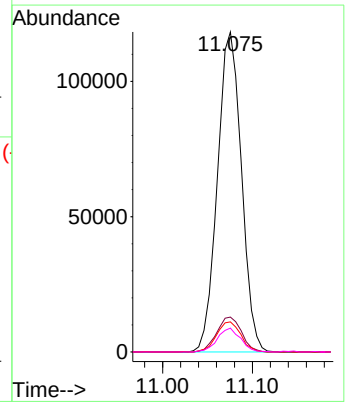




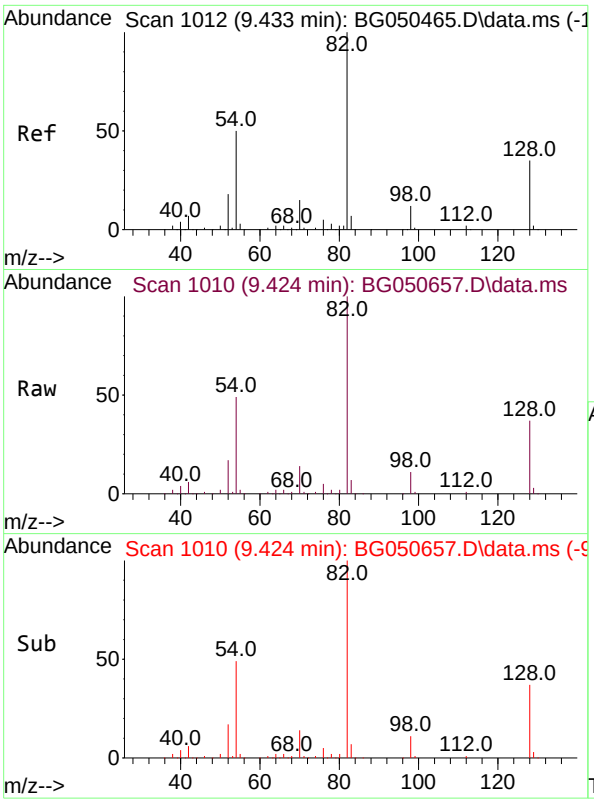
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:136 Resp: 219545

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	9.4	5.5	8.3#
68	7.5	2.3	3.5#



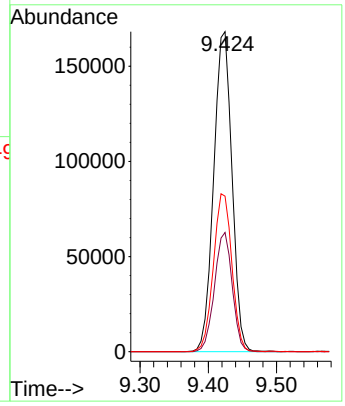
Instrument :
BNA_G
ClientSampleId :
RT-4197

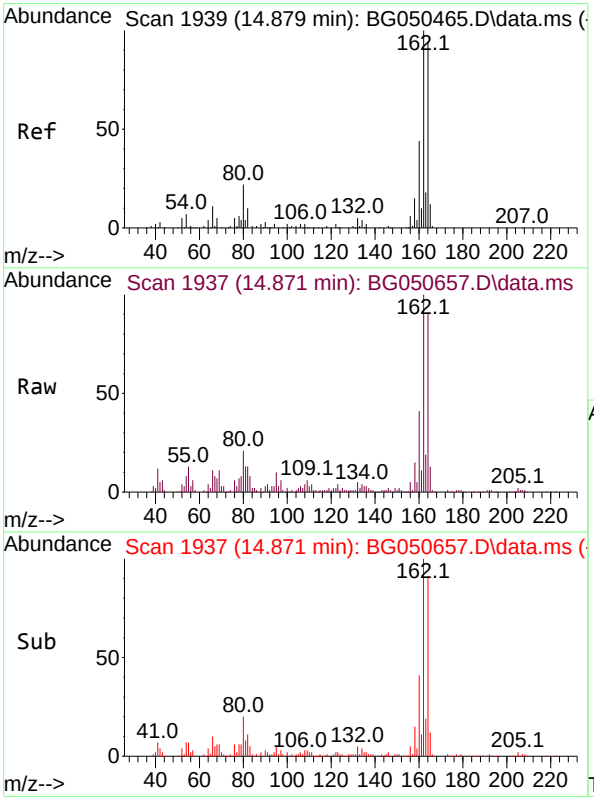


#23
Nitrobenzene-d5
Concen: 59.124 ng
RT: 9.424 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion: 82 Resp: 313568

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.8	44.6
54	48.6	45.8	68.8

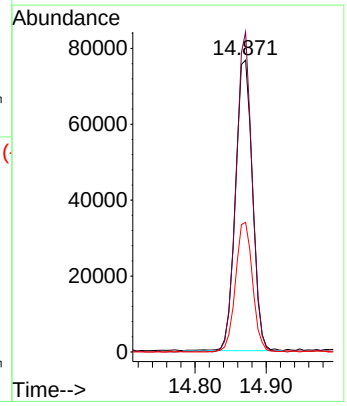




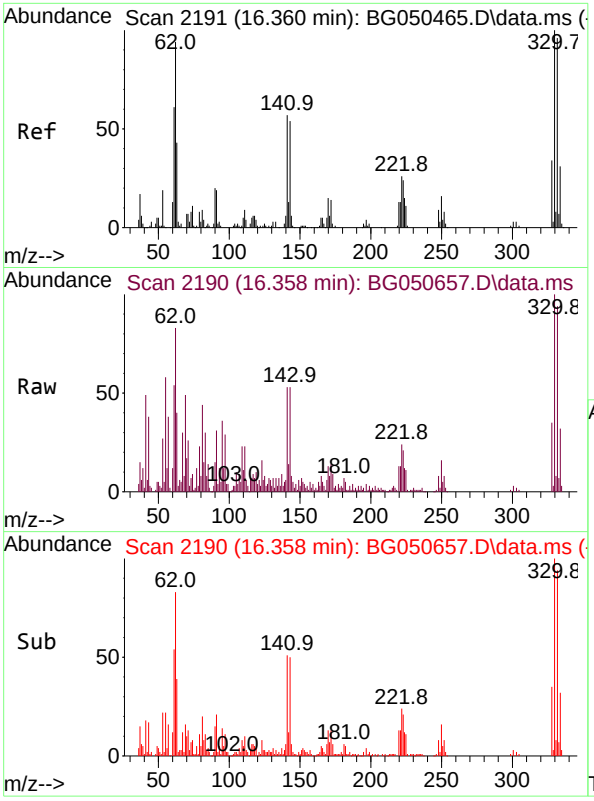
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:164 Resp: 127542

Ion	Ratio	Lower	Upper
164	100		
162	109.7	81.4	122.0
160	44.4	34.9	52.3



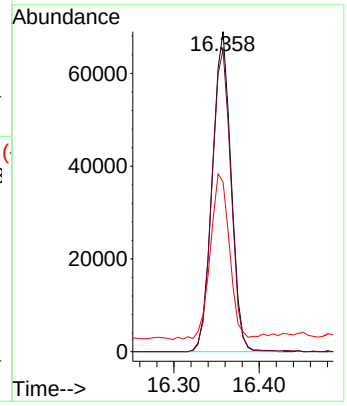
Instrument :
BNA_G
ClientSampleId :
RT-4197

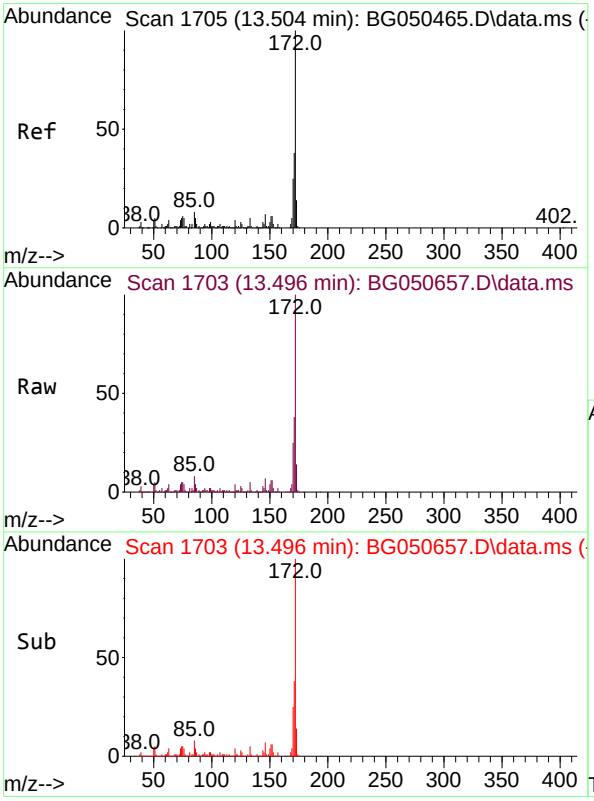


#42
2,4,6-Tribromophenol
Concen: 86.524 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:330 Resp: 105259

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	52.5	35.6	53.4

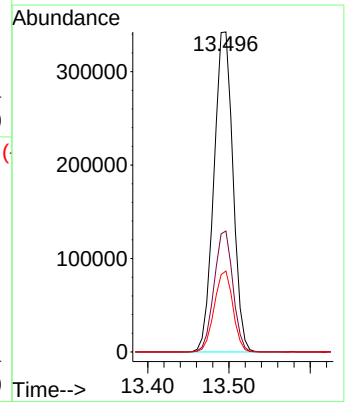




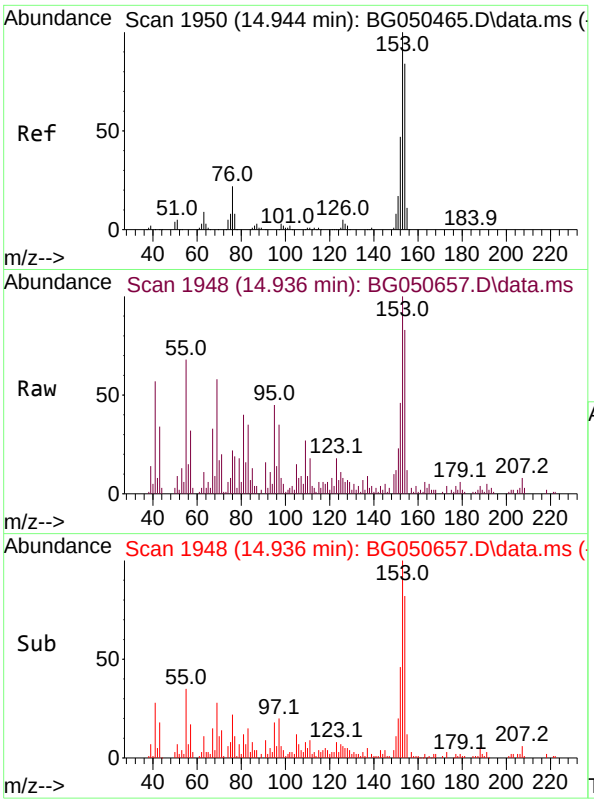
#45
2-Fluorobiphenyl
Concen: 65.766 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:172 Resp: 557322

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	43.0
170	25.3	18.6	27.8



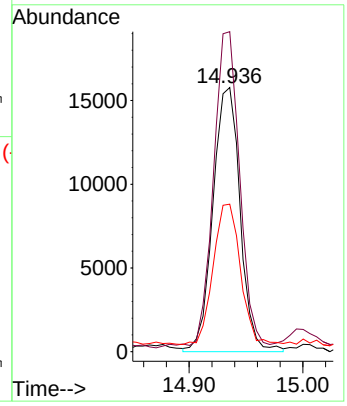
Instrument :
BNA_G
ClientSampleId :
RT-4197

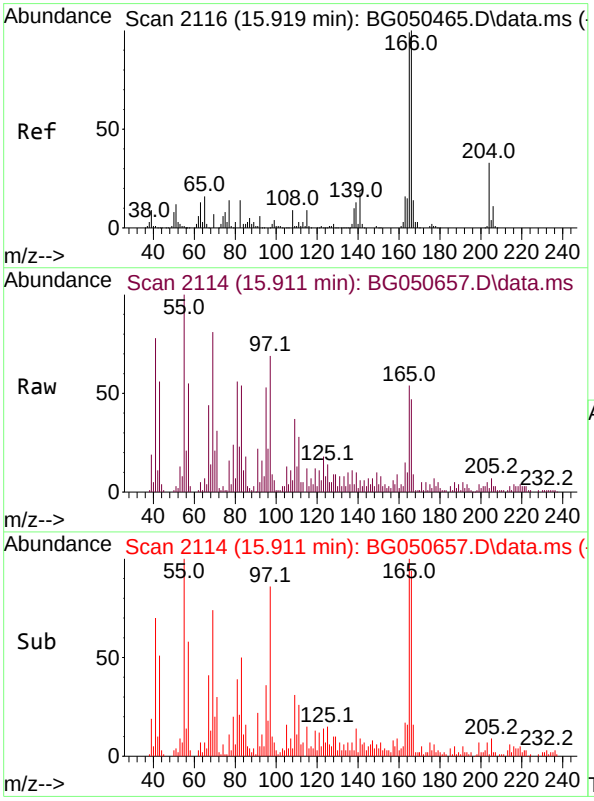


#52
Acenaphthene
Concen: 3.477 ng
RT: 14.936 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:154 Resp: 26149

Ion	Ratio	Lower	Upper
154	100		
153	121.2	87.0	130.4
152	55.9	40.1	60.1

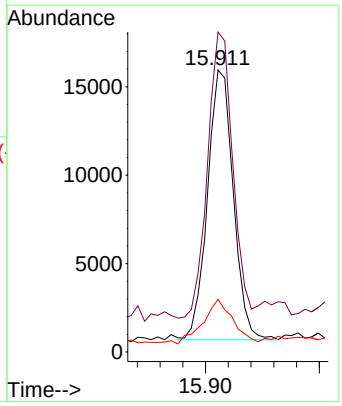




#58
Fluorene
Concen: 2.693 ng
RT: 15.911 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:166 Resp: 24062

Ion	Ratio	Lower	Upper
166	100		
165	113.5	77.7	116.5
167	18.6	10.8	16.2#



Instrument :
BNA_G
ClientSampleId :
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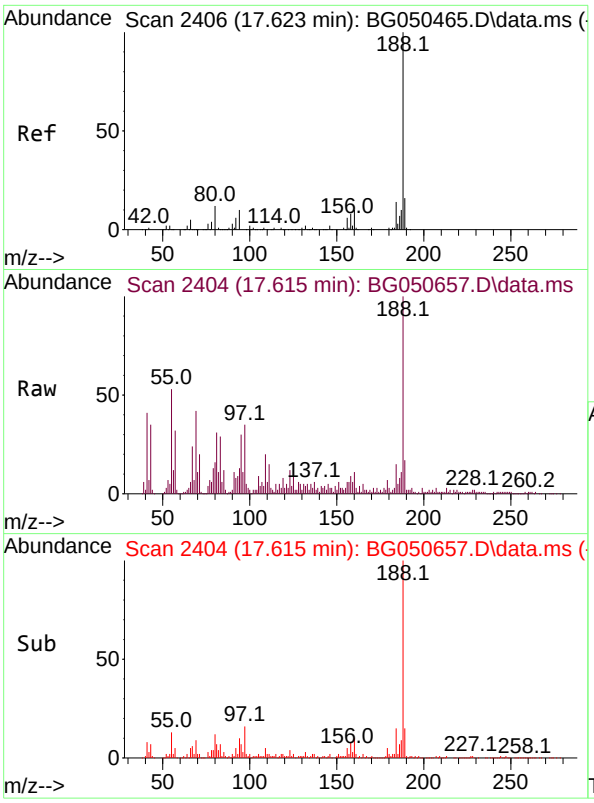
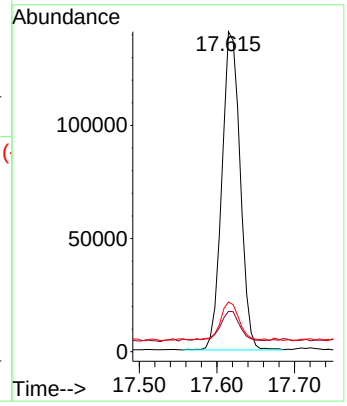
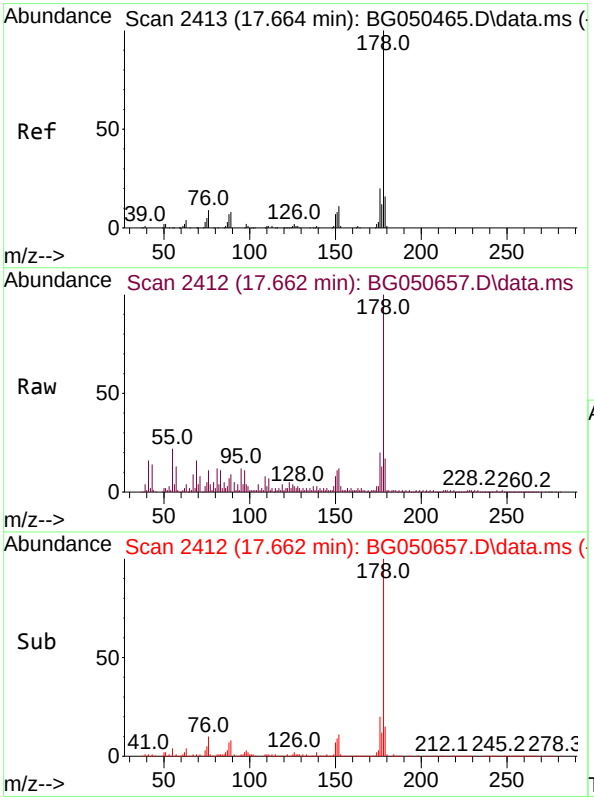


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:188 Resp: 231634

Ion	Ratio	Lower	Upper
188	100		
94	12.6	5.4	8.0#
80	15.5	3.7	5.5#

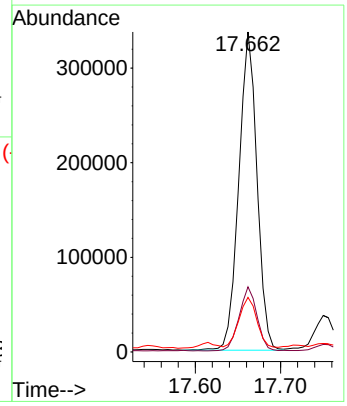




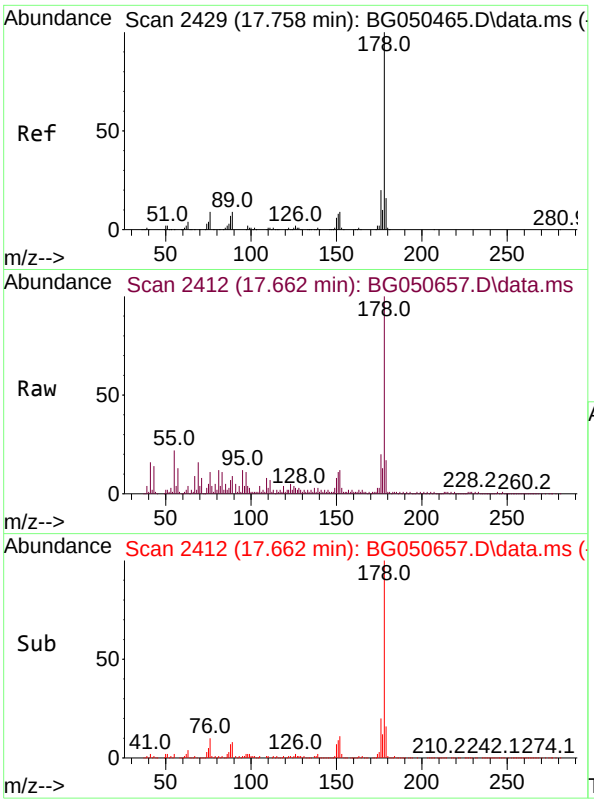
#71
Phenanthrene
Concen: 40.702 ng
RT: 17.662 min Scan# 2412
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:178 Resp: 496817

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.0	14.2	21.4



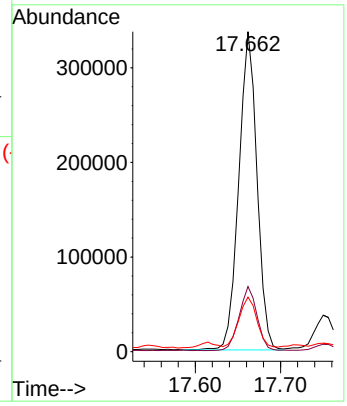
Instrument :
BNA_G
ClientSampleId :
RT-4197

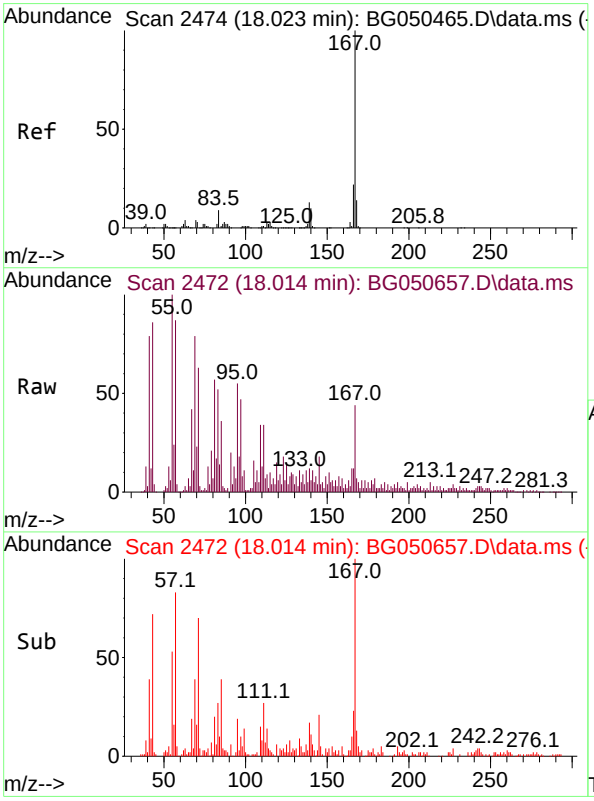


#72
Anthracene
Concen: 40.959 ng
RT: 17.662 min Scan# 2412
Delta R.T. -0.091 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:178 Resp: 496817

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	21.8
179	17.0	13.4	20.0

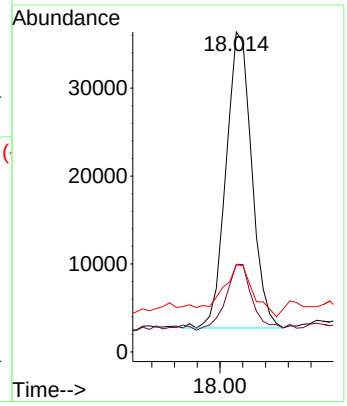


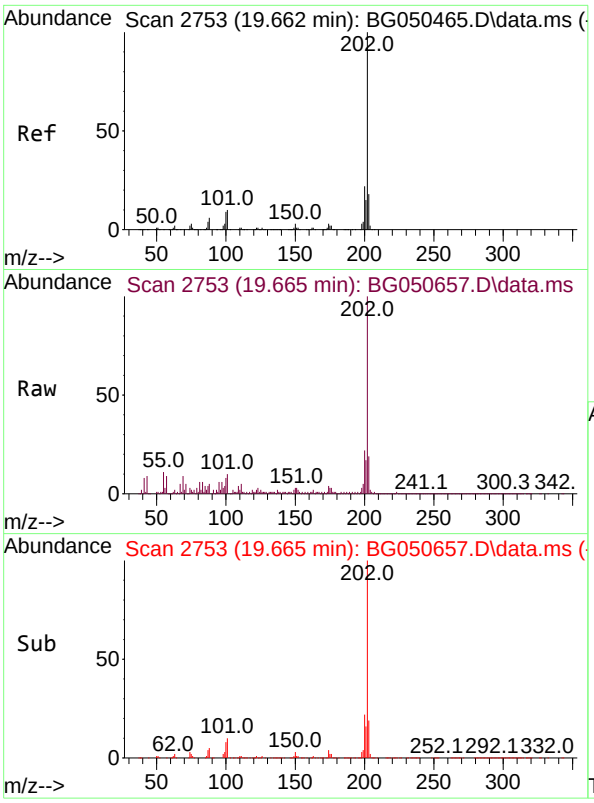


#73
Carbazole
Concen: 4.362 ng
RT: 18.014 min Scan# 2472
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:167 Resp: 52736

Ion	Ratio	Lower	Upper
167	100		
166	27.4	17.4	26.2#
139	27.3	10.7	16.1#

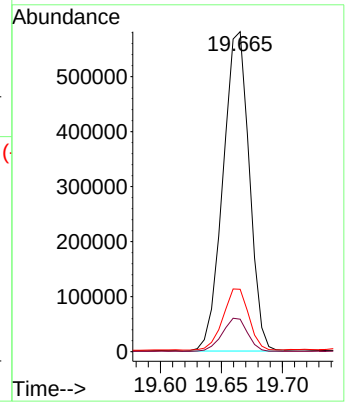




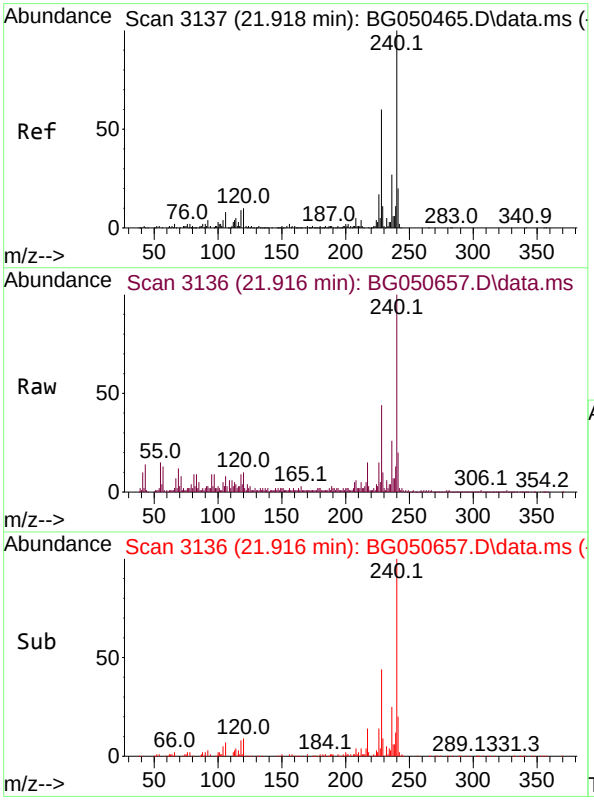
#75
Fluoranthene
Concen: 58.081 ng
RT: 19.665 min Scan# 2753
Delta R.T. 0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:202 Resp: 871477

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	24.7
203	19.5	0.0	38.5



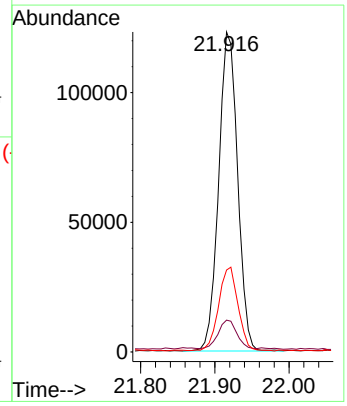
Instrument :
BNA_G
ClientSampleId :
RT-4197



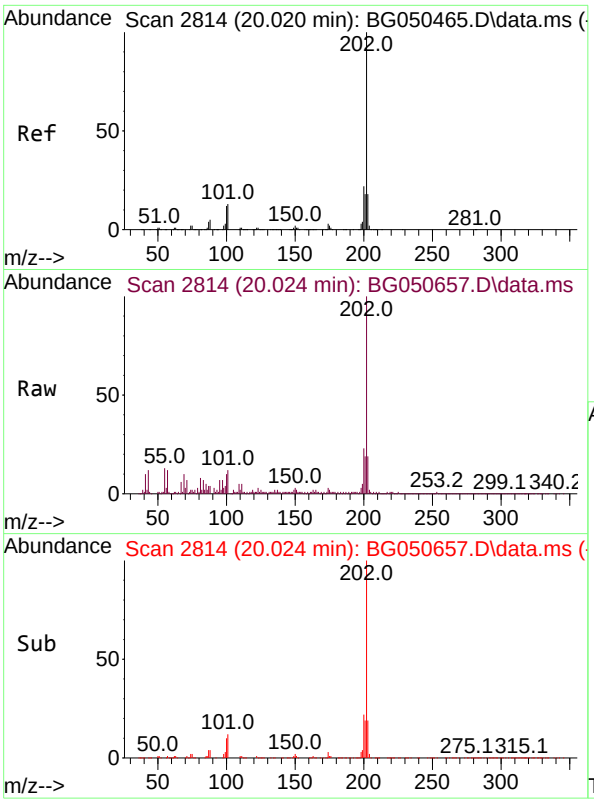
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:240 Resp: 218000

Ion	Ratio	Lower	Upper
240	100		
120	9.9	4.2	6.2#
236	25.6	21.8	32.6



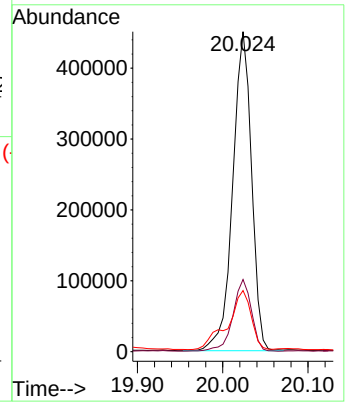
Instrument :
BNA_G
ClientSampleId :
RT-4197

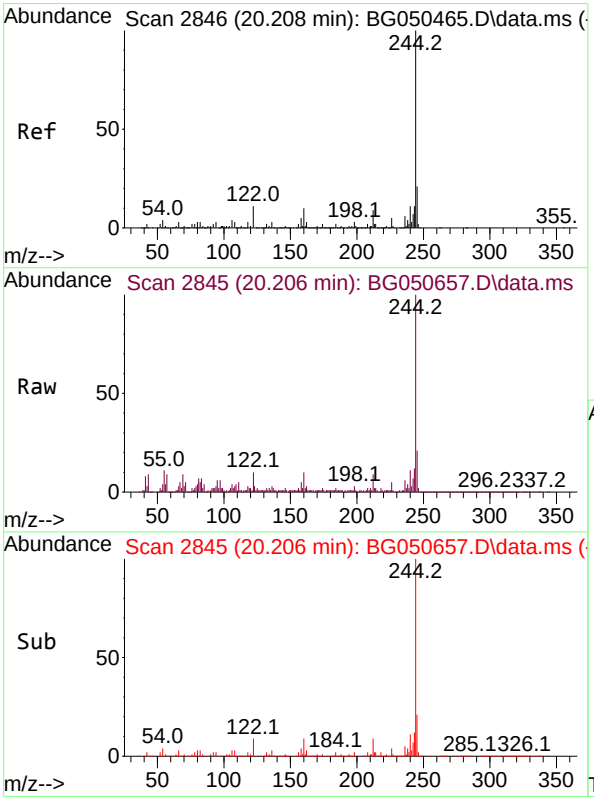


#78
Pyrene
Concen: 44.527 ng
RT: 20.024 min Scan# 2814
Delta R.T. 0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:202 Resp: 688704

Ion	Ratio	Lower	Upper
202	100		
200	22.5	15.8	23.8
203	19.1	14.6	21.8

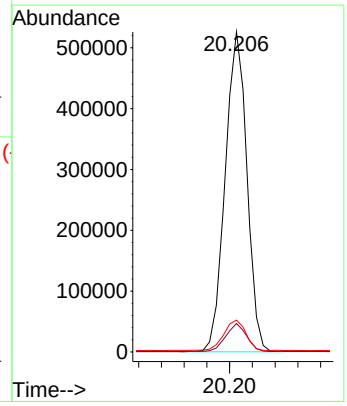




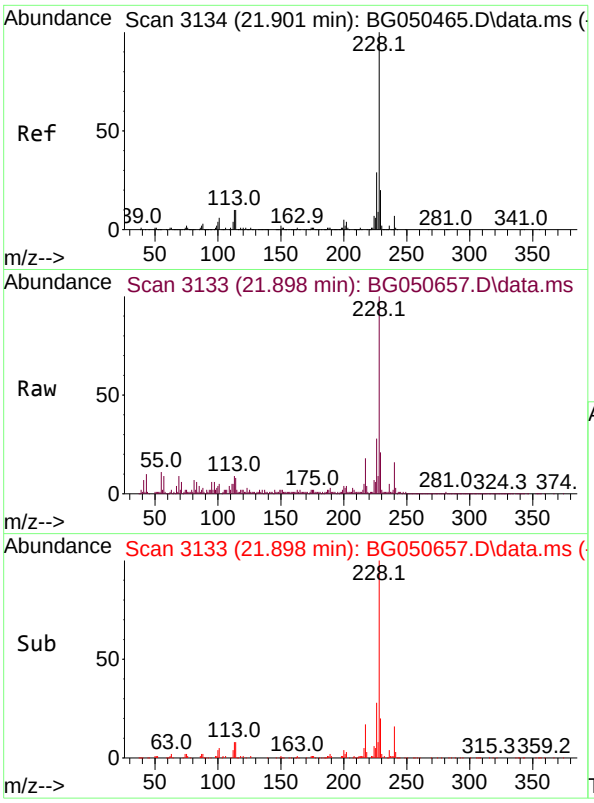
#79
Terphenyl-d14
Concen: 62.315 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:244 Resp: 697069

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	10.0	5.0	7.6#



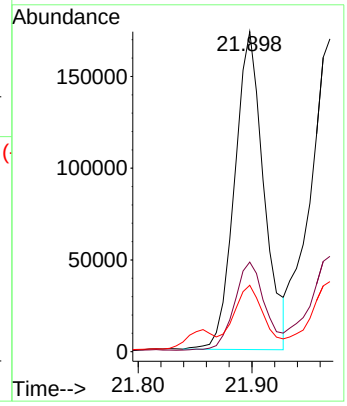
Instrument :
BNA_G
ClientSampleId :
RT-4197

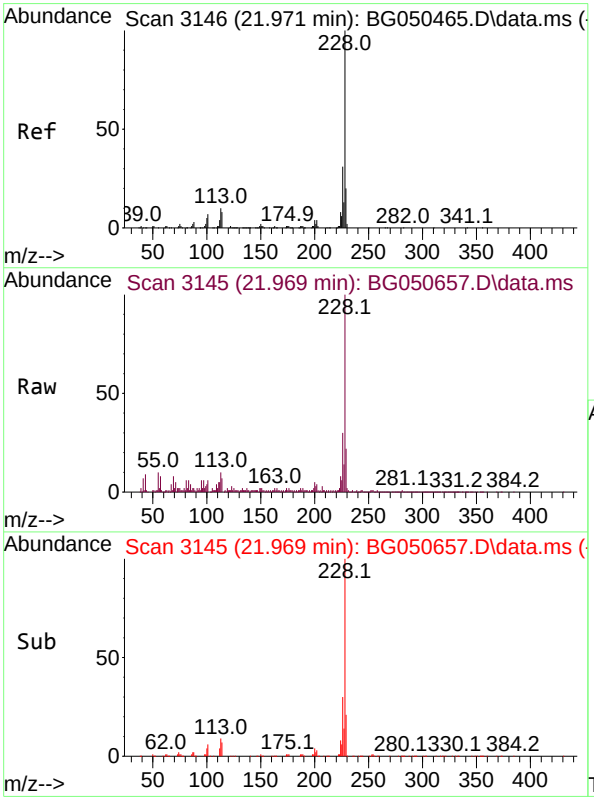


#81
Benzo(a)anthracene
Concen: 21.421 ng
RT: 21.898 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:228 Resp: 308990

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.7	16.0	24.0

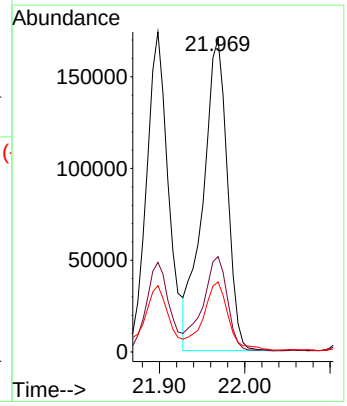




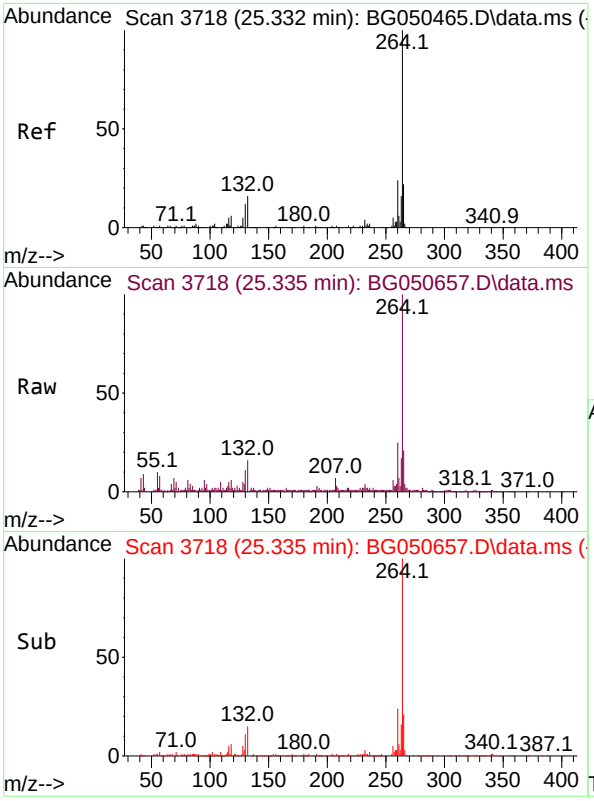
#83
Chrysene
Concen: 24.962 ng
RT: 21.969 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:228 Resp: 338695

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.1	34.7
229	22.4	15.3	22.9



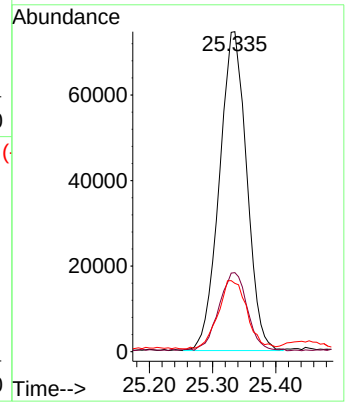
Instrument :
BNA_G
ClientSampleId :
RT-4197

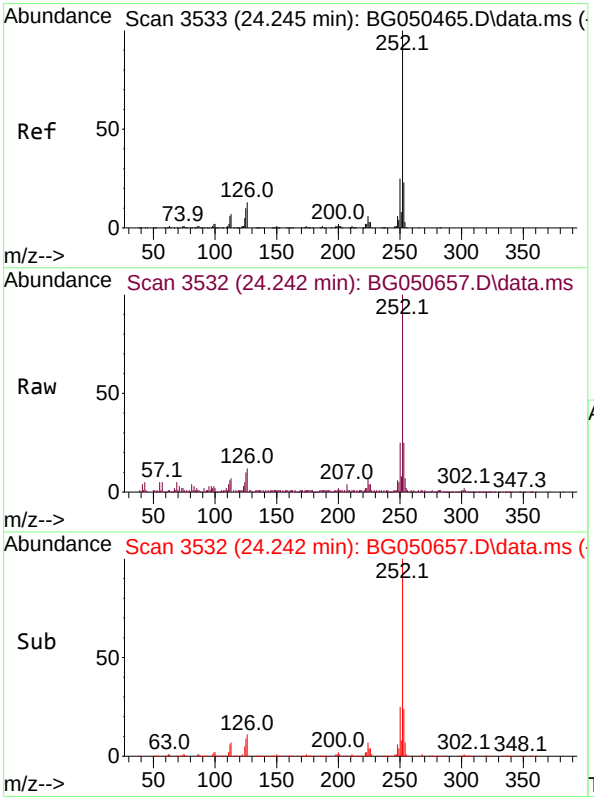


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.335 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:264 Resp: 224013

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.4	16.9	25.3

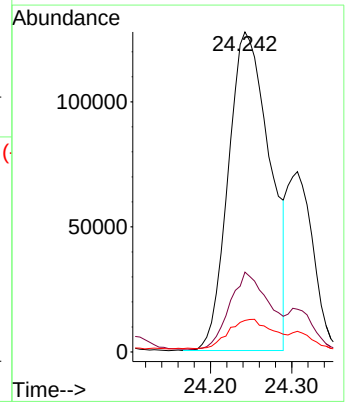




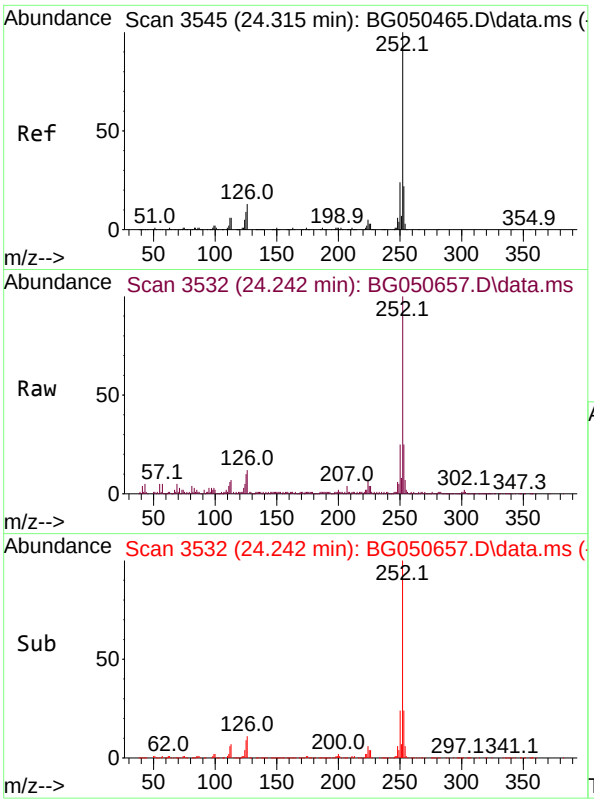
#88
Benzo(b)fluoranthene
Concen: 33.083 ng
RT: 24.242 min Scan# 3532
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:252 Resp: 453874

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.2	24.4#
125	9.8	3.0	4.4#



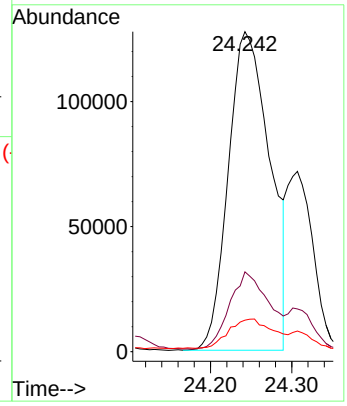
Instrument :
BNA_G
ClientSampleId :
RT-4197

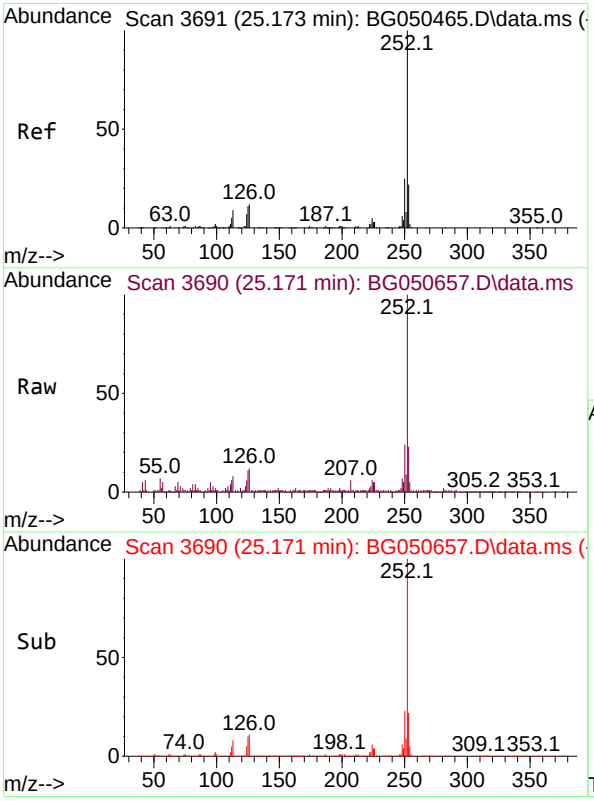


#89
Benzo(k)fluoranthene
Concen: 33.629 ng
RT: 24.242 min Scan# 3532
Delta R.T. -0.074 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:252 Resp: 453874

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	9.8	3.1	4.7#

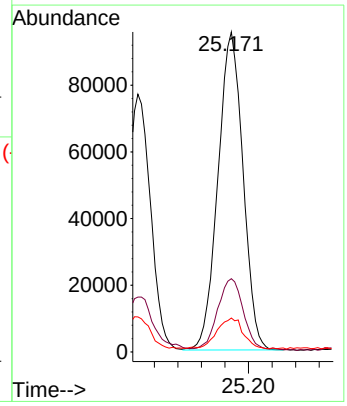




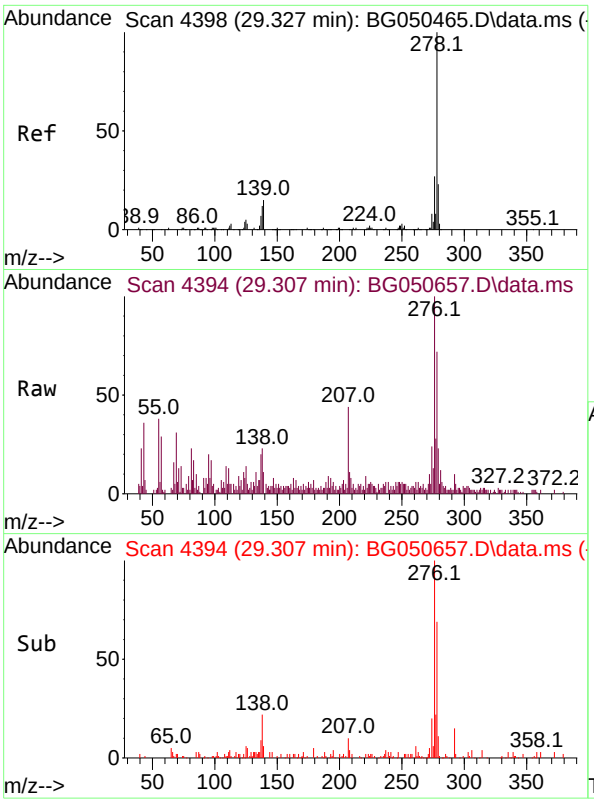
#90
Benzo(a)pyrene
Concen: 24.153 ng
RT: 25.171 min Scan# 3690
Delta R.T. -0.003 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:252 Resp: 281730

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.6	25.0
125	10.6	3.5	5.3#



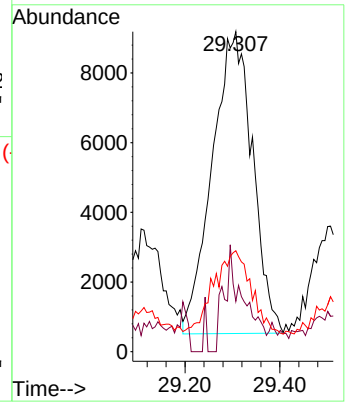
Instrument :
BNA_G
ClientSampleId :
RT-4197

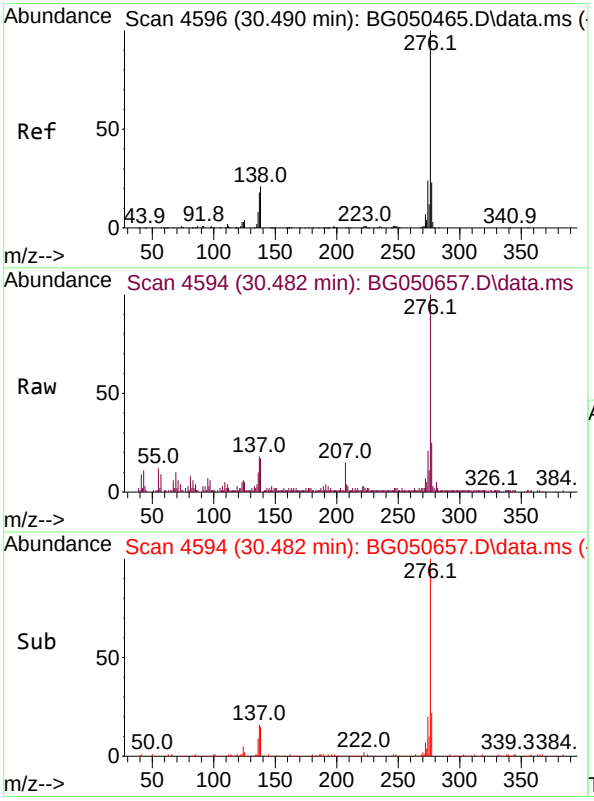


#91
Dibenzo(a,h)anthracene
Concen: 3.962 ng
RT: 29.307 min Scan# 4394
Delta R.T. -0.027 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:278 Resp: 51135

Ion	Ratio	Lower	Upper
278	100		
139	15.8	4.6	6.8#
279	31.5	17.9	26.9#





#92
Benzo(g,h,i)perylene
Concen: 15.524 ng
RT: 30.482 min Scan# 4594
Delta R.T. -0.015 min
Lab File: BG050657.D
Acq: 20 Oct 2021 22:58

Tgt Ion:276 Resp: 196219

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.4	27.6
138	16.7	7.0	10.6#