Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
Data File : BG049953.D
Acq On : 24 Aug 2021 15:22
Operator : CG/JU
Sample : M3463-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SWCS-19-0002

Quant Time: Aug 25 01:07:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

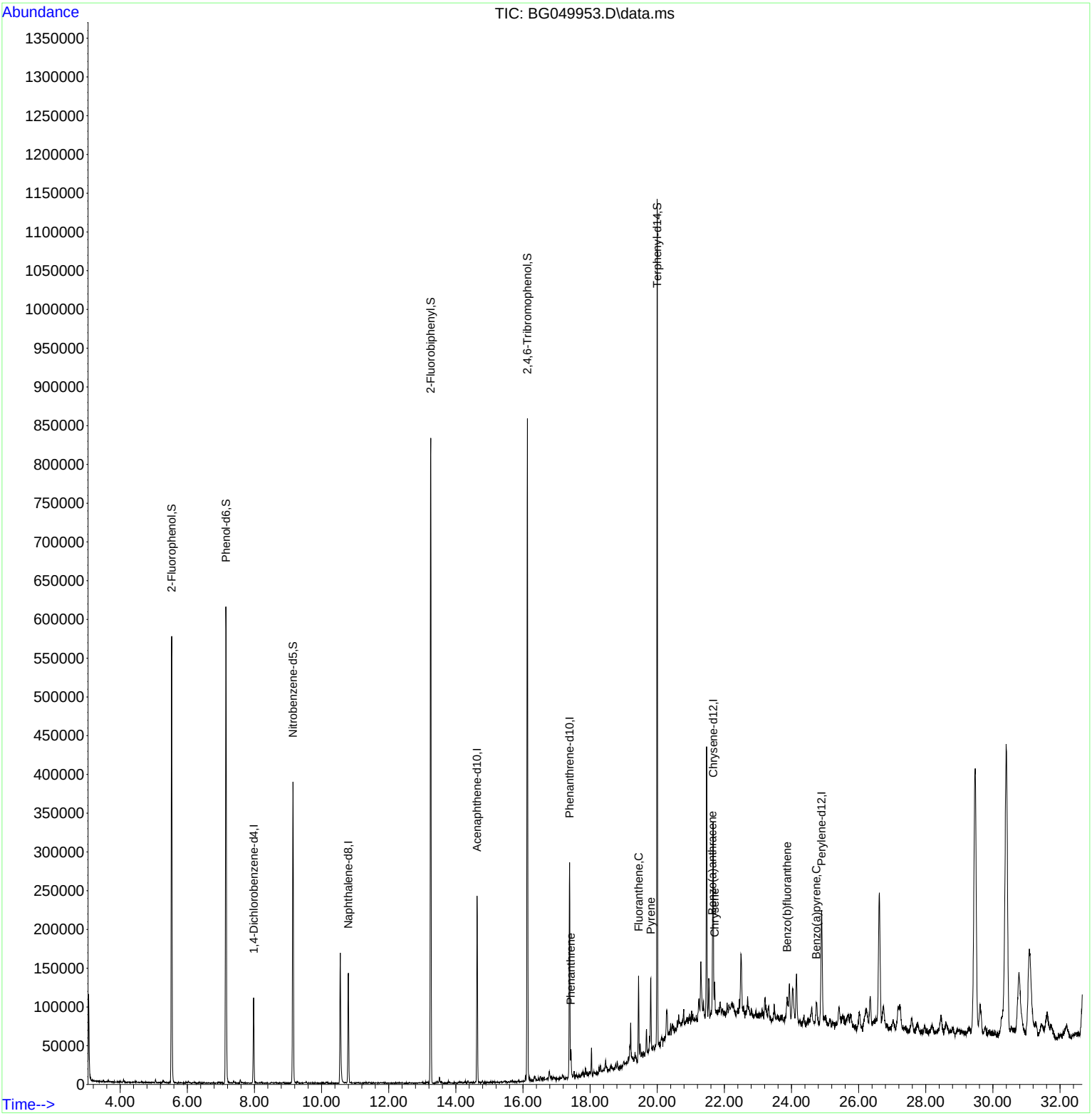
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.979	152	29405	20.000	ng		# 0.00
21) Naphthalene-d8	10.798	136	119831	20.000	ng		-0.01
39) Acenaphthene-d10	14.634	164	84699	20.000	ng		-0.01
64) Phenanthrene-d10	17.389	188	170737	20.000	ng		#-0.01
76) Chrysene-d12	21.666	240	142533	20.000	ng		-0.01
86) Perylene-d12	24.897	264	150281	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	242828	148.035	ng		0.00
7) Phenol-d6	7.150	99	339593	136.764	ng		0.00
23) Nitrobenzene-d5	9.148	82	239808	88.556	ng		-0.01
42) 2,4,6-Tribromophenol	16.132	330	170870	137.249	ng		-0.01
45) 2-Fluorobiphenyl	13.254	172	437192	75.107	ng		0.00
79) Terphenyl-d14	20.003	244	507473	64.664	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.430	178	21601	2.405	ng		95
75) Fluoranthene	19.445	202	66108	5.981	ng		97
78) Pyrene	19.810	202	58639	6.035	ng		98
81) Benzo(a)anthracene	21.642	228	28606	3.082	ng		97
83) Chrysene	21.713	228	29408	3.314	ng		95
88) Benzo(b)fluoranthene	23.869	252	37350	3.789	ng	#	90
90) Benzo(a)pyrene	24.744	252	27024	3.030	ng	#	91

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

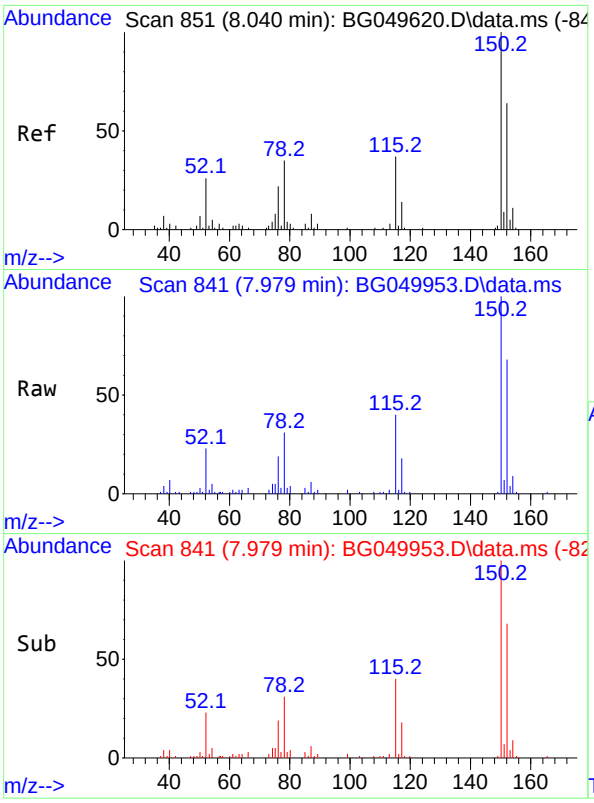
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
Data File : BG049953.D
Acq On : 24 Aug 2021 15:22
Operator : CG/JU
Sample : M3463-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

Quant Time: Aug 25 01:07:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration



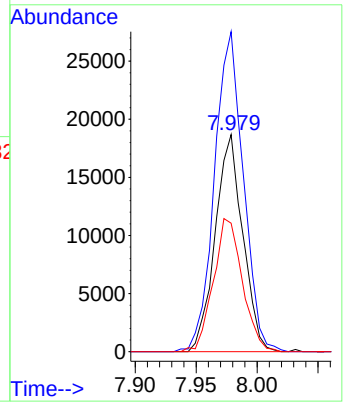
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

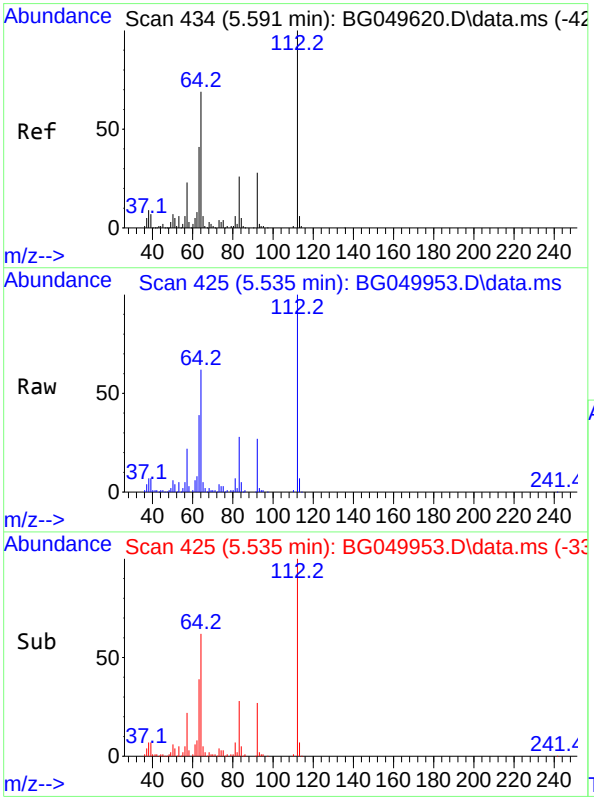


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 841
Delta R.T. -0.007 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:152 Resp: 29405

Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.4	179.0
115	59.2	60.2	90.4#

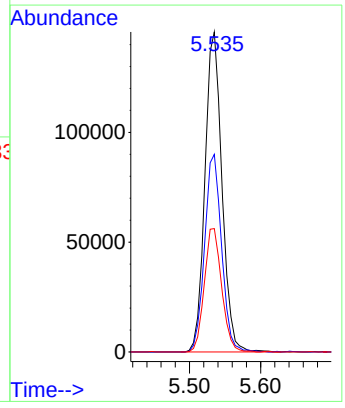




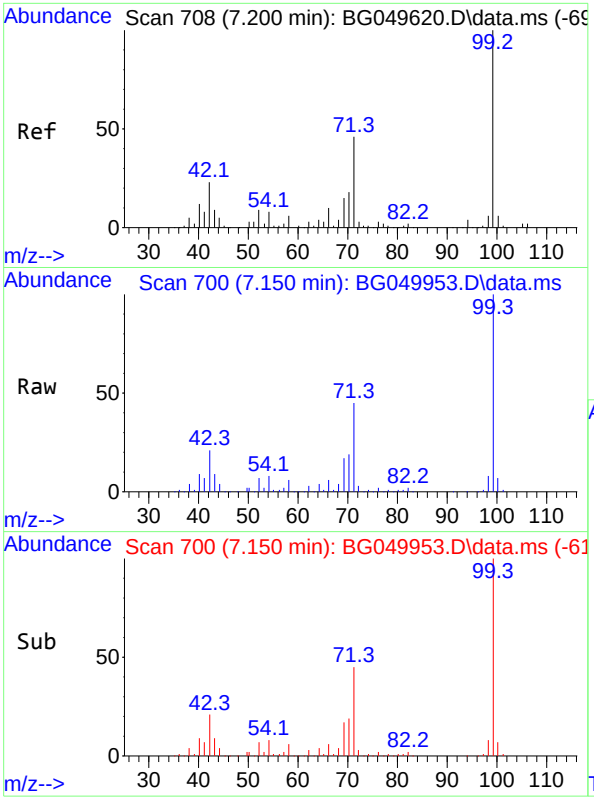
#5
2-Fluorophenol
Concen: 148.035 ng
RT: 5.535 min Scan# 425
Delta R.T. -0.001 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:112 Resp: 242828

Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.7	70.1
63	38.5	35.3	52.9



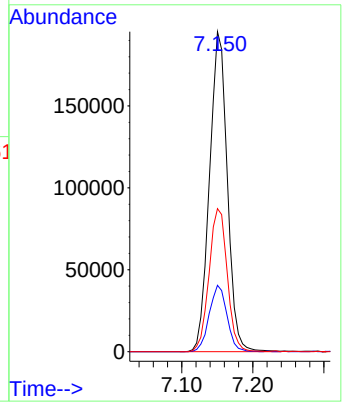
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

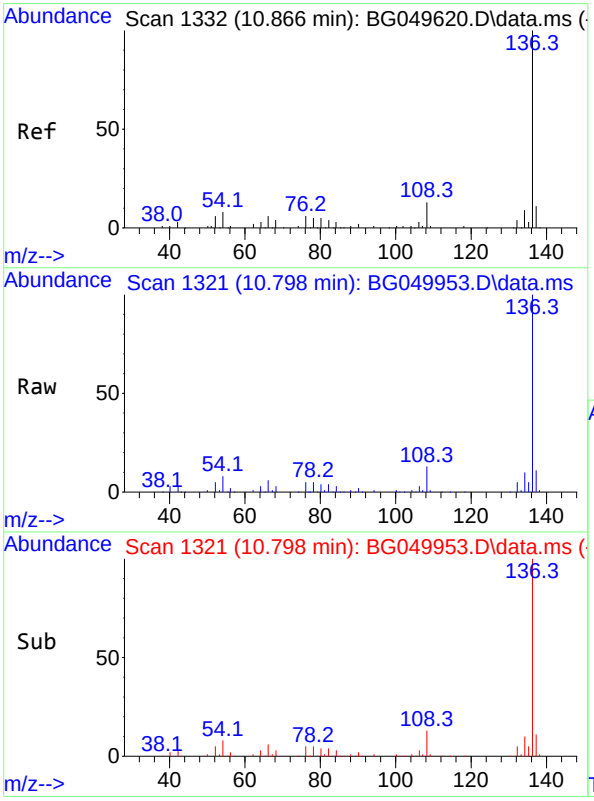


#7
Phenol-d6
Concen: 136.764 ng
RT: 7.150 min Scan# 700
Delta R.T. -0.007 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion: 99 Resp: 339593

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.5	30.7
71	44.7	41.5	62.3

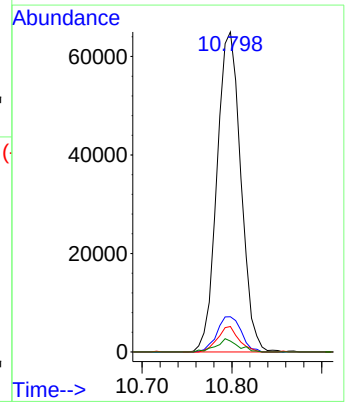




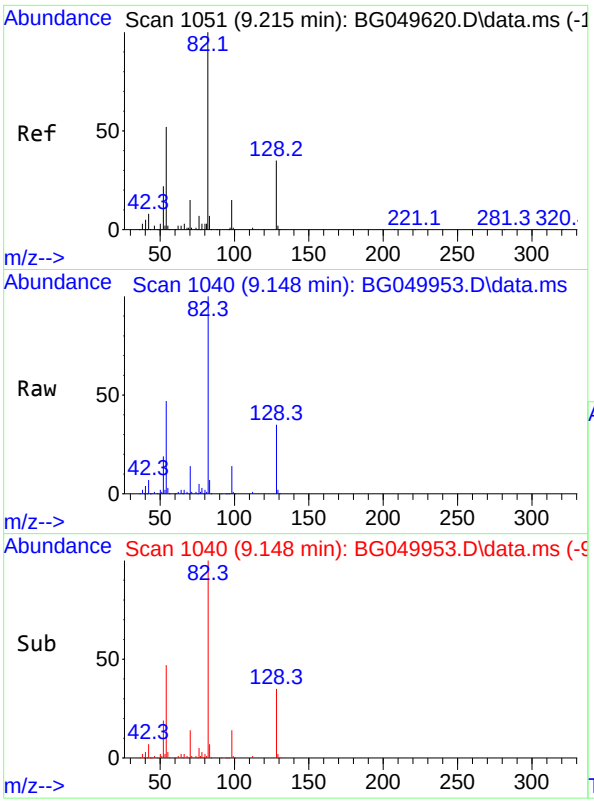
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1321
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:136 Resp: 119831

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	8.0	5.5	8.3
68	3.4	2.3	3.5



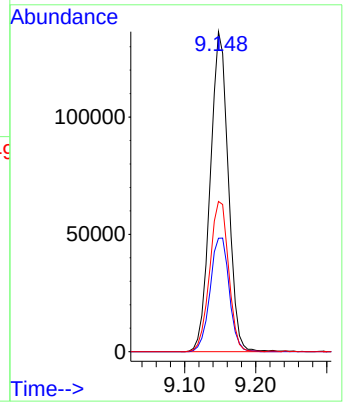
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

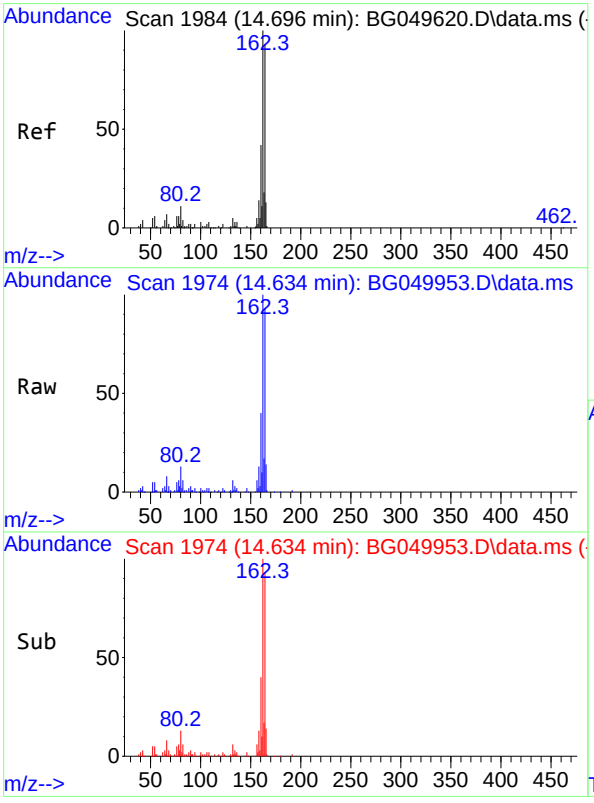


#23
Nitrobenzene-d5
Concen: 88.556 ng
RT: 9.148 min Scan# 1040
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion: 82 Resp: 239808

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.8	44.6
54	47.0	45.8	68.8

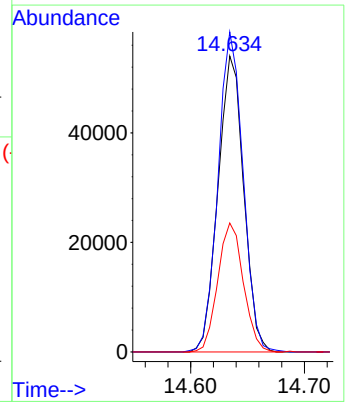




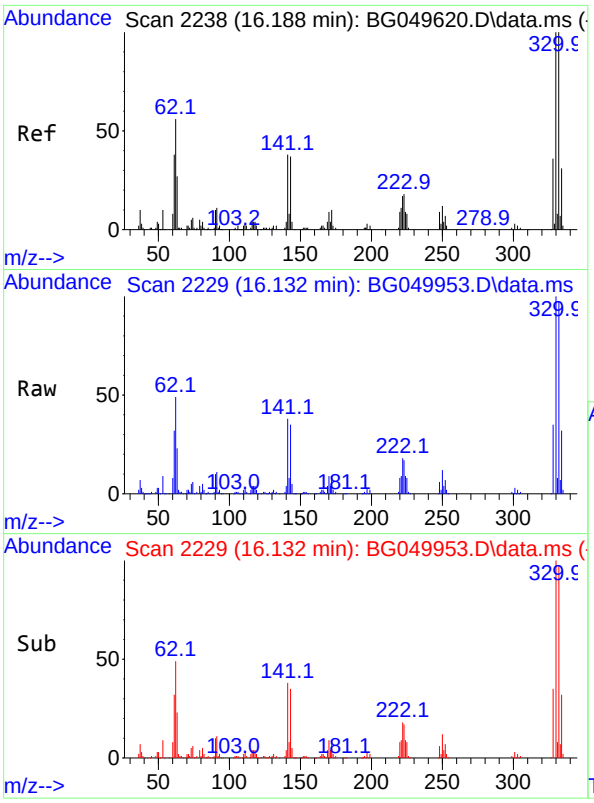
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1974
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:164 Resp: 84699

Ion	Ratio	Lower	Upper
164	100		
162	108.1	81.4	122.0
160	43.5	34.9	52.3



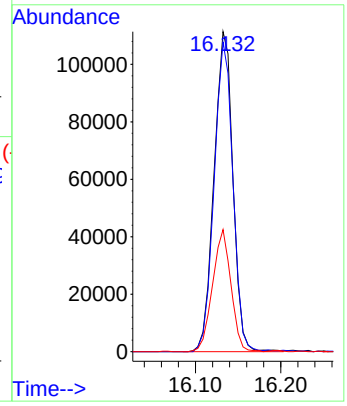
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

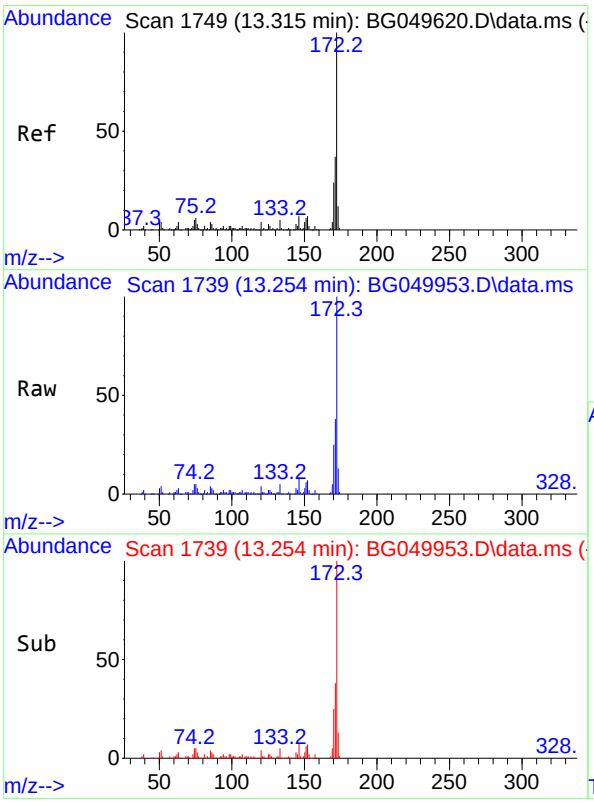


#42
2,4,6-Tribromophenol
Concen: 137.249 ng
RT: 16.132 min Scan# 2229
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:330 Resp: 170870

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	37.3	35.6	53.4

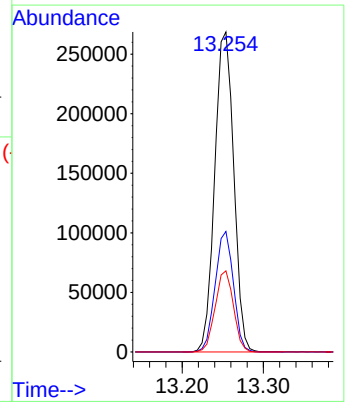




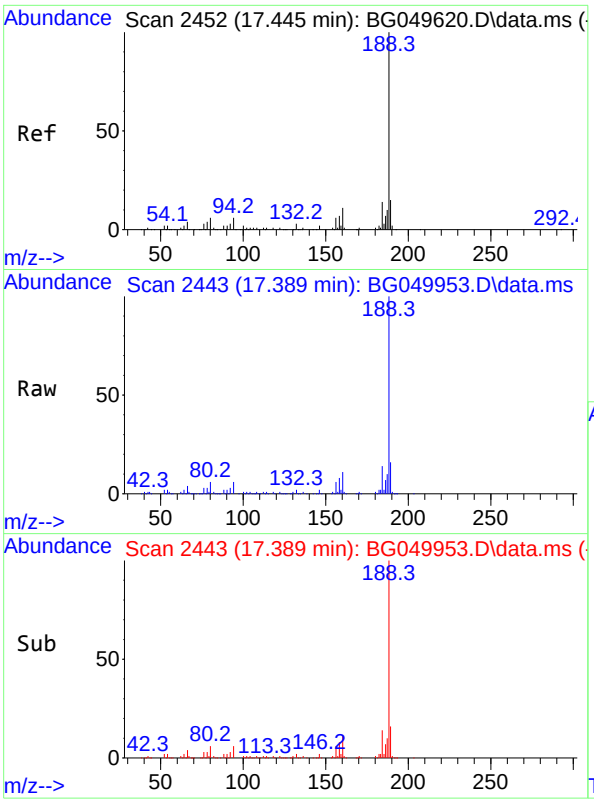
#45
2-Fluorobiphenyl
Concen: 75.107 ng
RT: 13.254 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:172 Resp: 437192

Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	43.0
170	25.4	18.6	27.8



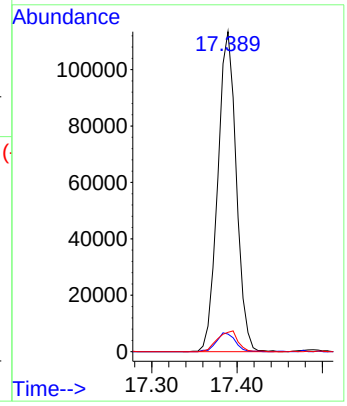
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

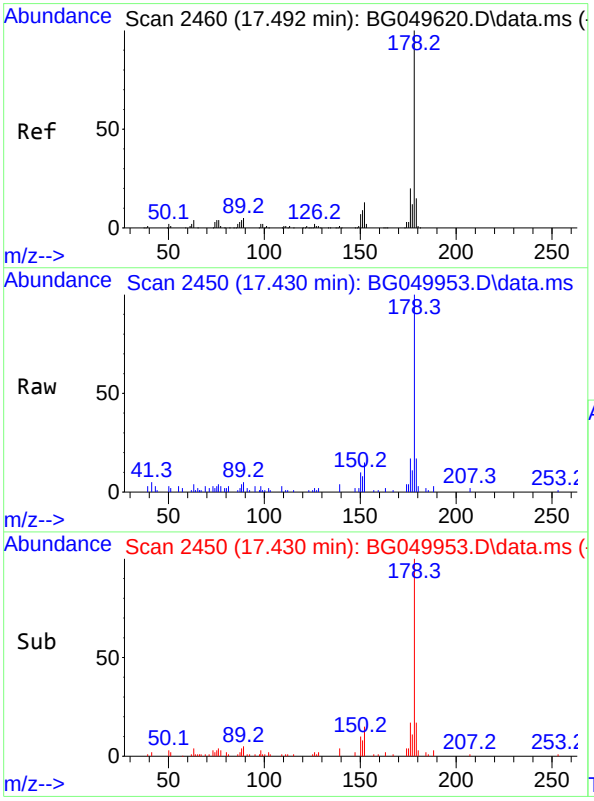


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2443
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:188 Resp: 170737

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.4	8.0
80	6.0	3.7	5.5#

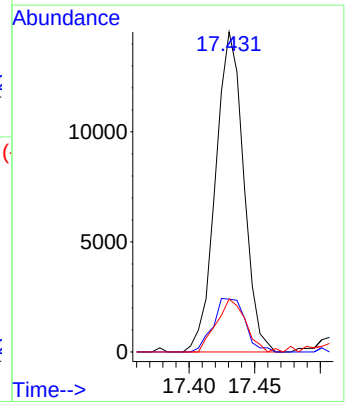




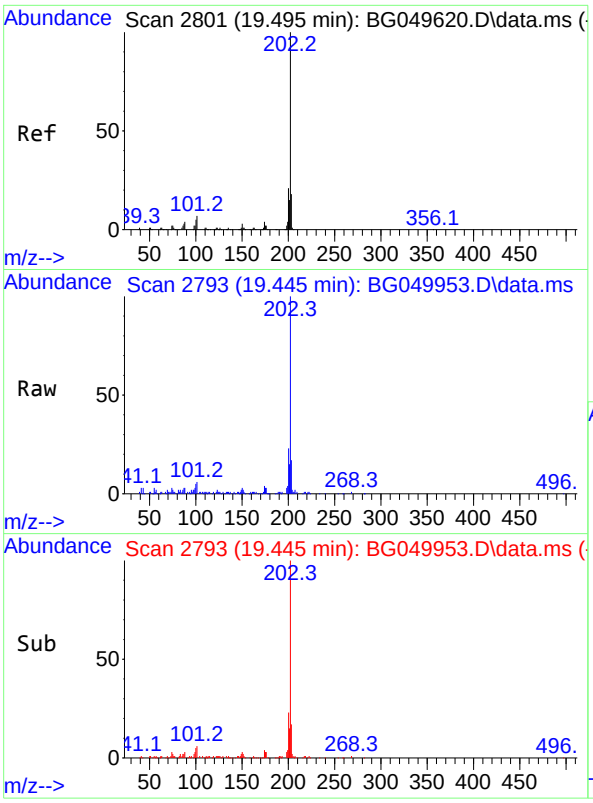
#71
Phenanthrene
Concen: 2.405 ng
RT: 17.430 min Scan# 2450
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:178 Resp: 21601

Ion	Ratio	Lower	Upper
178	100		
176	16.5	16.0	24.0
179	16.6	14.2	21.4



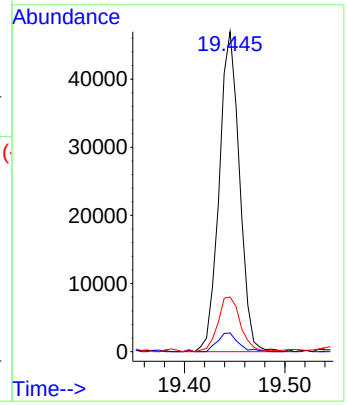
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

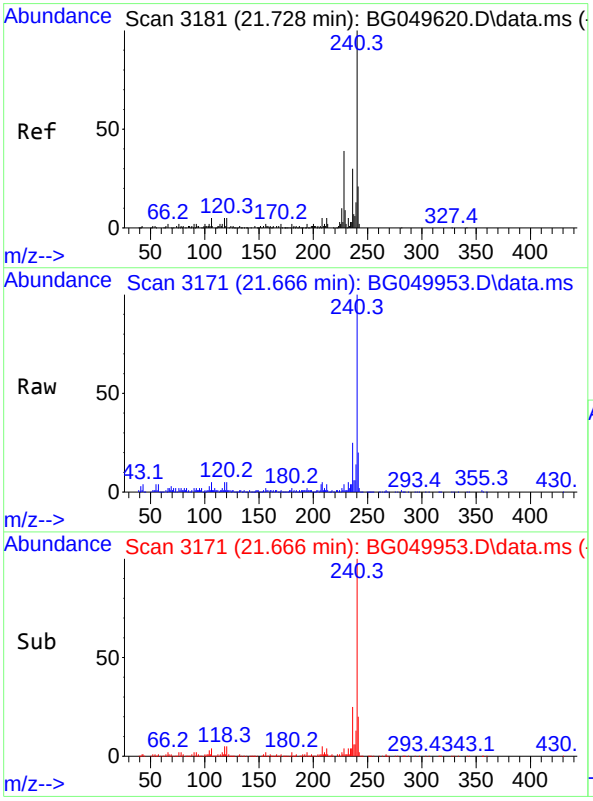


#75
Fluoranthene
Concen: 5.981 ng
RT: 19.445 min Scan# 2793
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:202 Resp: 66108

Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	24.7
203	17.1	0.0	38.5

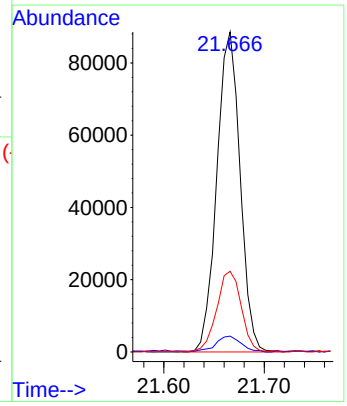




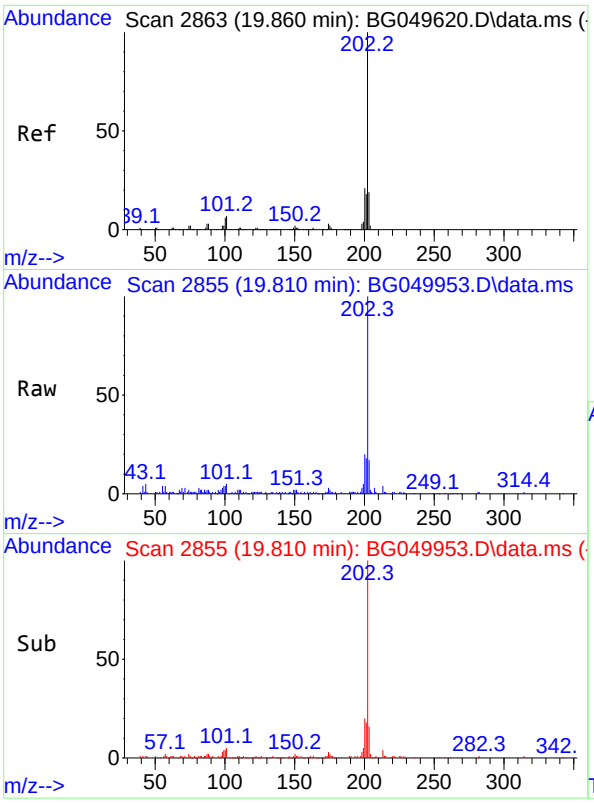
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:240 Resp: 142533

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.2	6.2
236	25.2	21.8	32.6



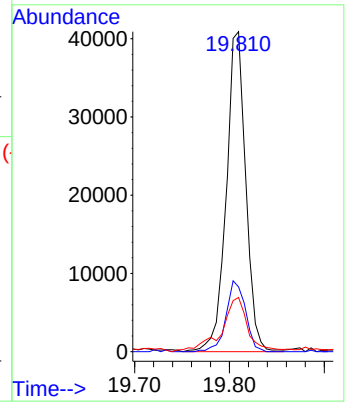
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

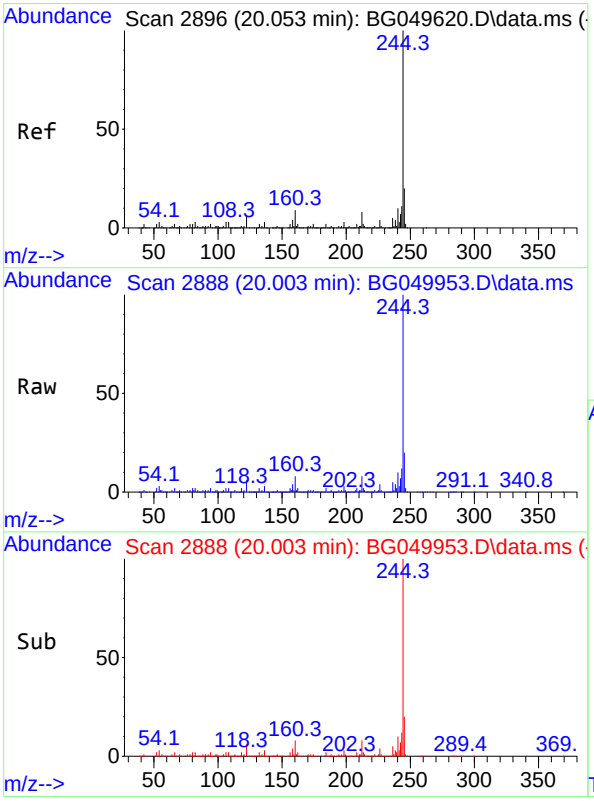


#78
Pyrene
Concen: 6.035 ng
RT: 19.810 min Scan# 2855
Delta R.T. -0.007 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:202 Resp: 58639

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.8	23.8
203	17.0	14.6	21.8

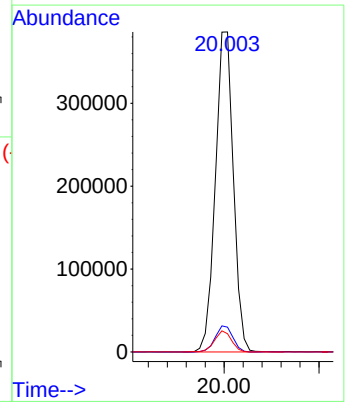




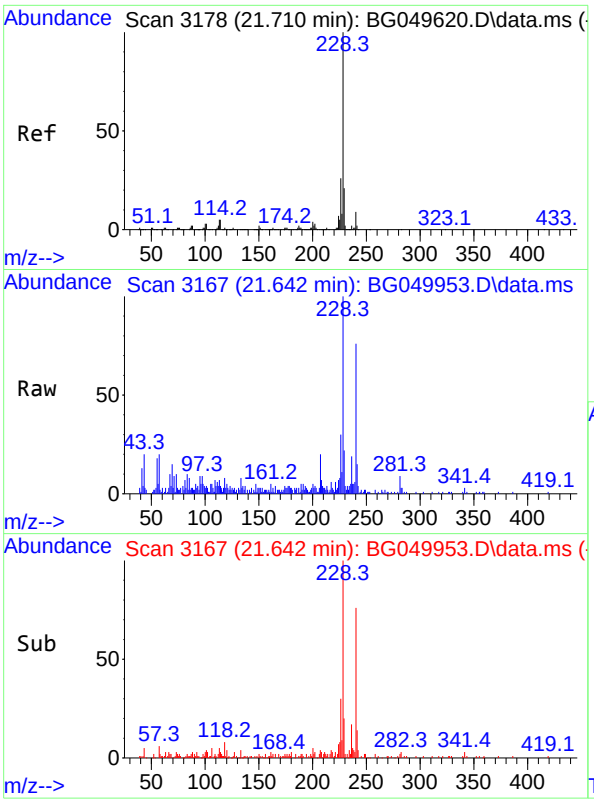
#79
Terphenyl-d14
Concen: 64.664 ng
RT: 20.003 min Scan# 2888
Delta R.T. -0.007 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:244 Resp: 507473

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	5.7	5.0	7.6



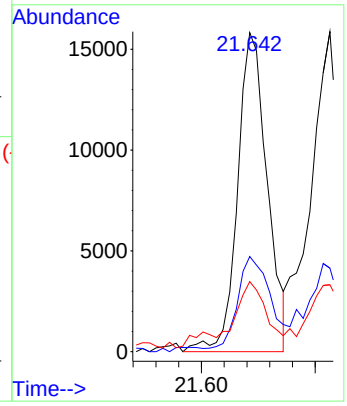
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

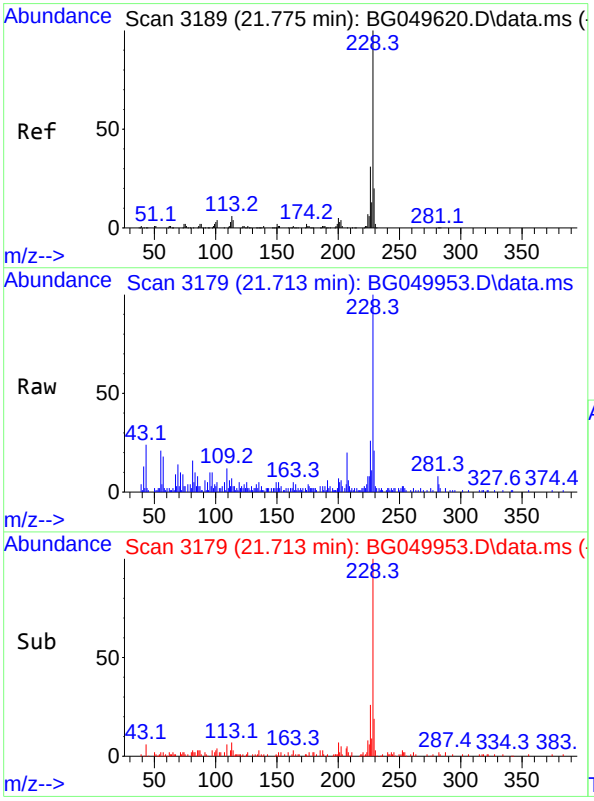


#81
Benzo(a)anthracene
Concen: 3.082 ng
RT: 21.642 min Scan# 3167
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:228 Resp: 28606

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	22.0	16.0	24.0

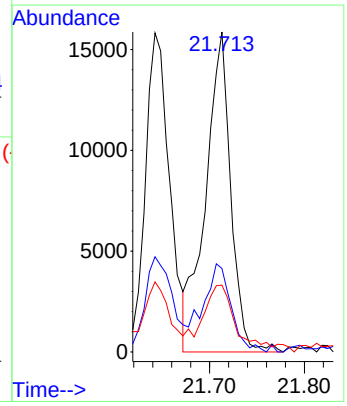




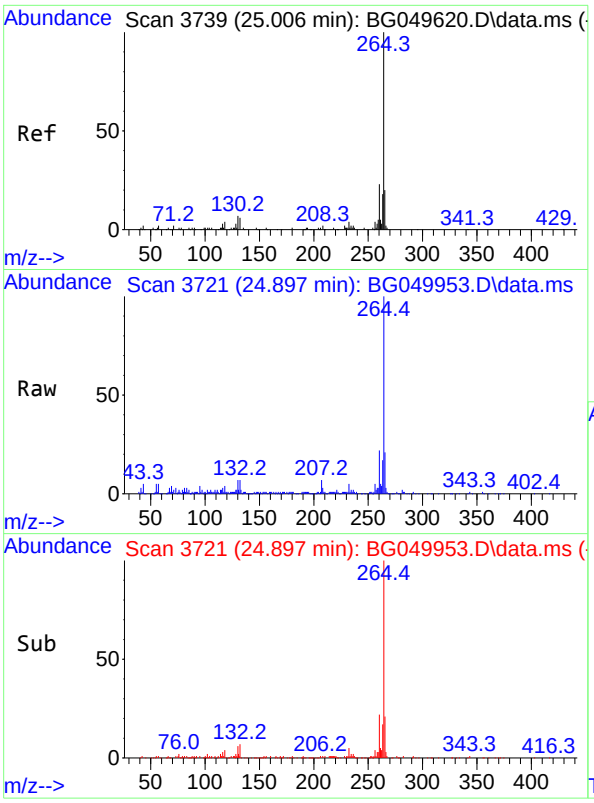
#83
Chrysene
Concen: 3.314 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.013 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:228 Resp: 29408

Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.1	34.7
229	20.9	15.3	22.9



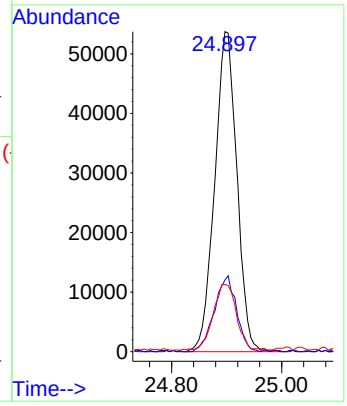
Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002

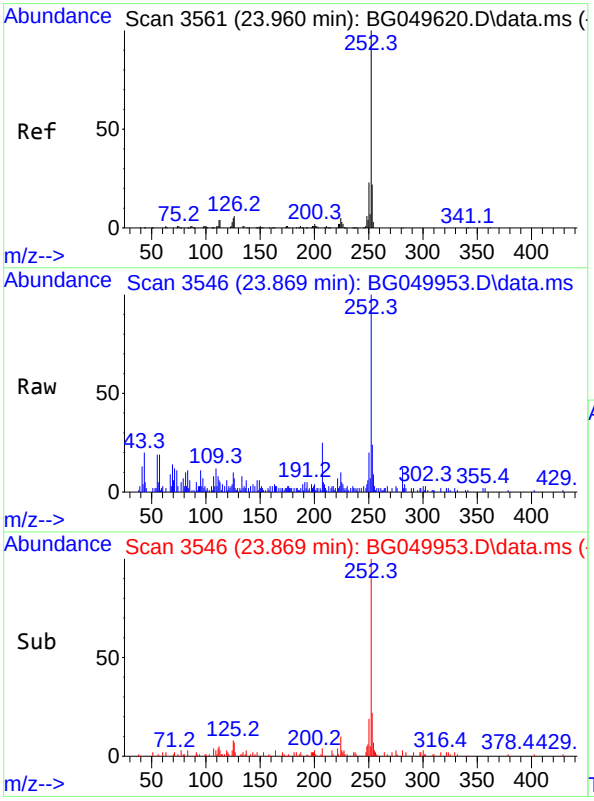


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.897 min Scan# 3721
Delta R.T. -0.025 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:264 Resp: 150281

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.2
265	21.0	16.9	25.3

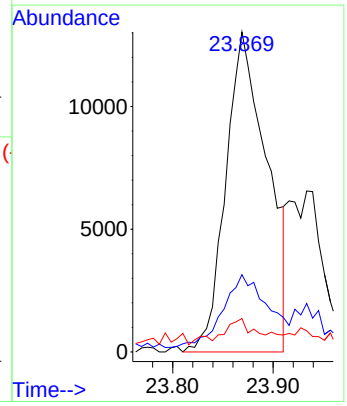


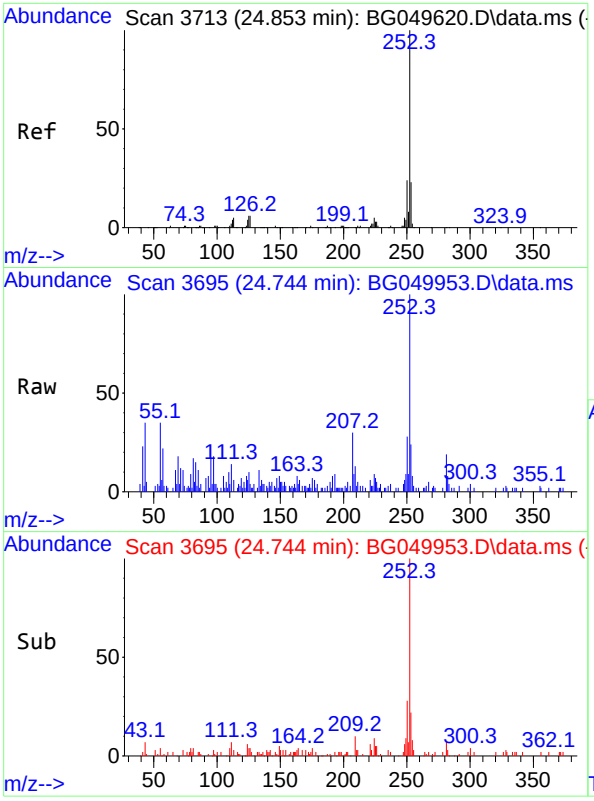


#88
Benzo(b)fluoranthene
Concen: 3.789 ng
RT: 23.869 min Scan# 3546
Delta R.T. -0.025 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:252 Resp: 37350

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.2	24.4
125	10.5	3.0	4.4#

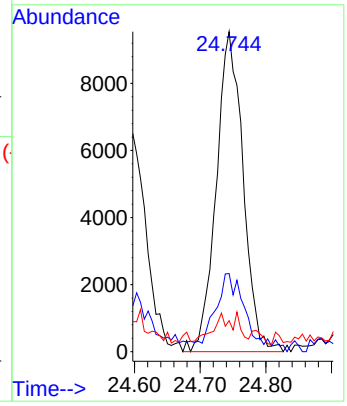




#90
Benzo(a)pyrene
Concen: 3.030 ng
RT: 24.744 min Scan# 3695
Delta R.T. -0.031 min
Lab File: BG049953.D
Acq: 24 Aug 2021 15:22

Tgt Ion:252 Resp: 27024

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.6	25.0
125	9.7	3.5	5.3#



Instrument :
BNA_G
ClientSampleId :
SWCS-19-0002