Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Quant Time: Jun 09 02:30:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	24632	20.000	ng		0.00
21) Naphthalene-d8	10.899	136	100870	20.000	ng	#	0.00
39) Acenaphthene-d10	14.712	164	70576	20.000	ng		0.00
64) Phenanthrene-d10	17.456	188	167044	20.000	ng		0.00
76) Chrysene-d12	21.733	240	180817	20.000	ng		0.00
86) Perylene-d12	25.017	264	190475	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	134870	100.548	ng		0.00
7) Phenol-d6	7.238	99	178699	98.348	ng		0.00
23) Nitrobenzene-d5	9.248	82	118319	77.028	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	100877	117.752	ng		0.00
45) 2-Fluorobiphenyl	13.337	172	304652	64.577	ng		0.00
79) Terphenyl-d14	20.064	244	578679	63.668	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.951	128	14093	2.730	ng	#	85
37) 2-Methylnaphthalene	12.550	142	33954	9.066	ng		96
38) 1-Methylnaphthalene	12.767	142	53226	14.533	ng		96
58) Fluorene	15.758	166	13538	2.572	ng	#	88
71) Phenanthrene	17.497	178	47096	5.356	ng	#	92
75) Fluoranthene	19.506	202	34116	2.992	ng		85
78) Pyrene	19.865	202	84813	7.376	ng	#	94
81) Benzo(a)anthracene	21.715	228	61212	5.099	ng	#	78
83) Chrysene	21.786	228	93540	8.255	ng	#	83
88) Benzo(b)fluoranthene	23.966	252	41955	3.548	ng	#	78
90) Benzo(a)pyrene	24.853	252	59373	5.937	ng	#	86
92) Benzo(g,h,i)perylene	29.912	276	77226	6.753	ng	#	92

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
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Quant Time: Jun 09 02:30:03 2022
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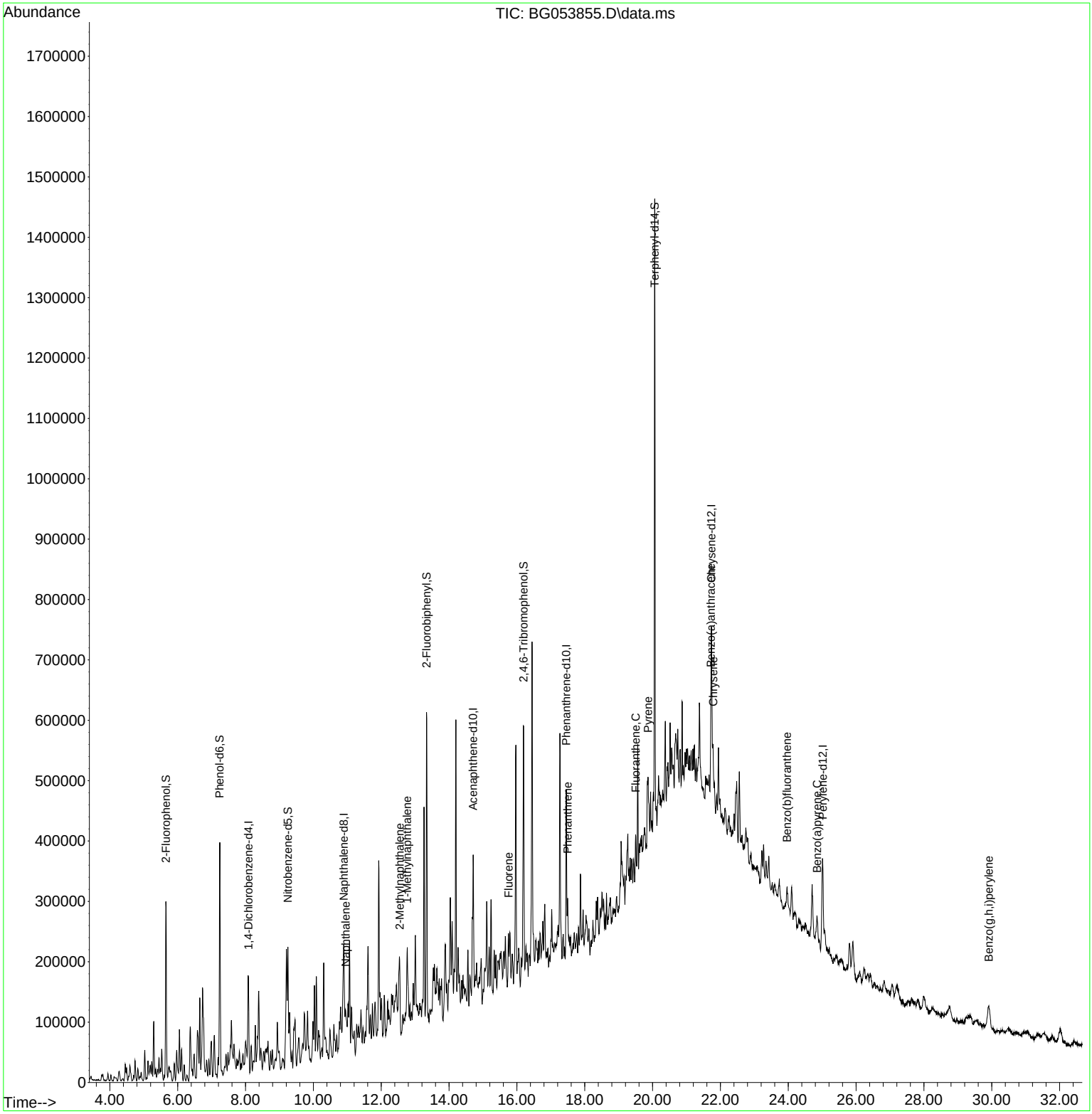
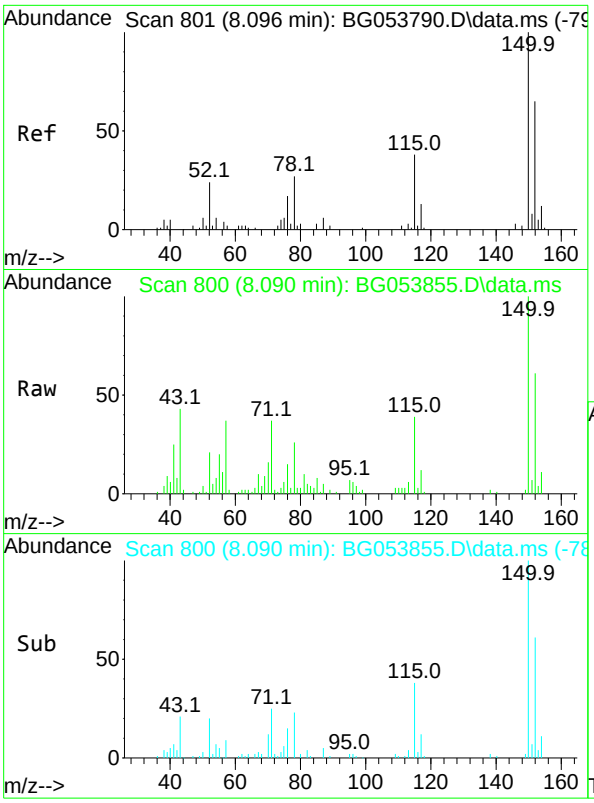
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration



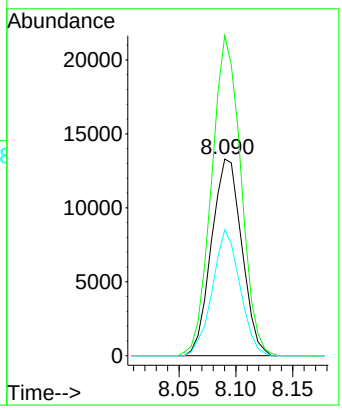


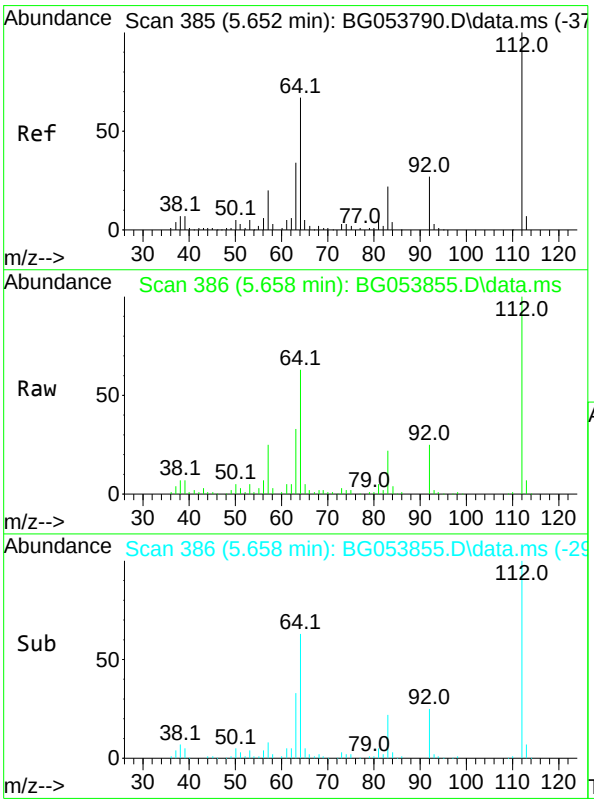
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:152 Resp: 24632

Ion	Ratio	Lower	Upper
152	100		
150	162.7	131.6	197.4
115	64.0	50.9	76.3

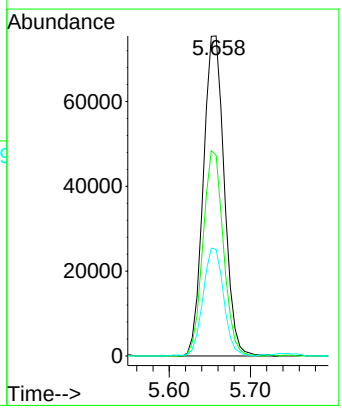


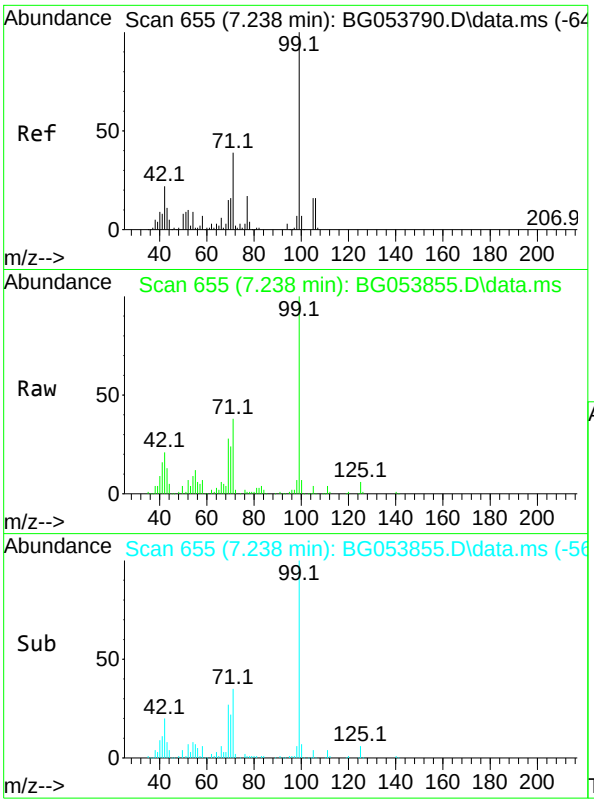


#5
2-Fluorophenol
Concen: 100.548 ng
RT: 5.658 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:112 Resp: 134870

Ion	Ratio	Lower	Upper
112	100		
64	62.8	55.1	82.7
63	33.3	30.4	45.6



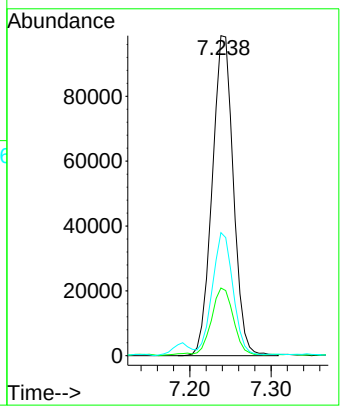


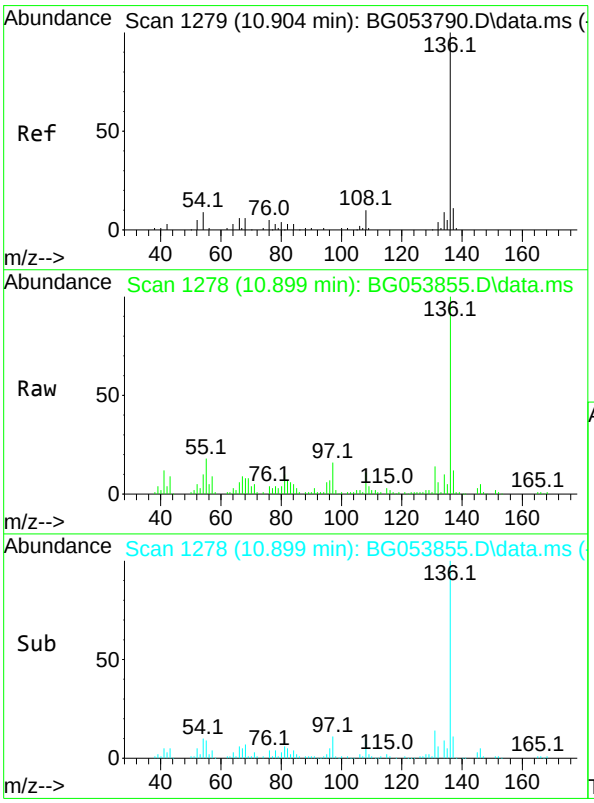
#7
Phenol-d6
Concen: 98.348 ng
RT: 7.238 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion: 99 Resp: 178699

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	38.4	33.8	50.8

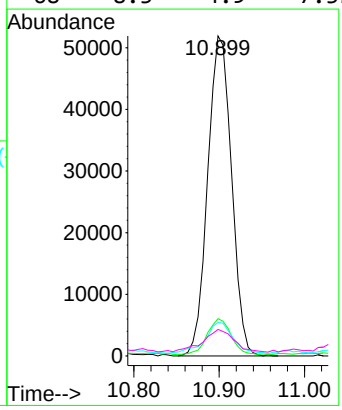


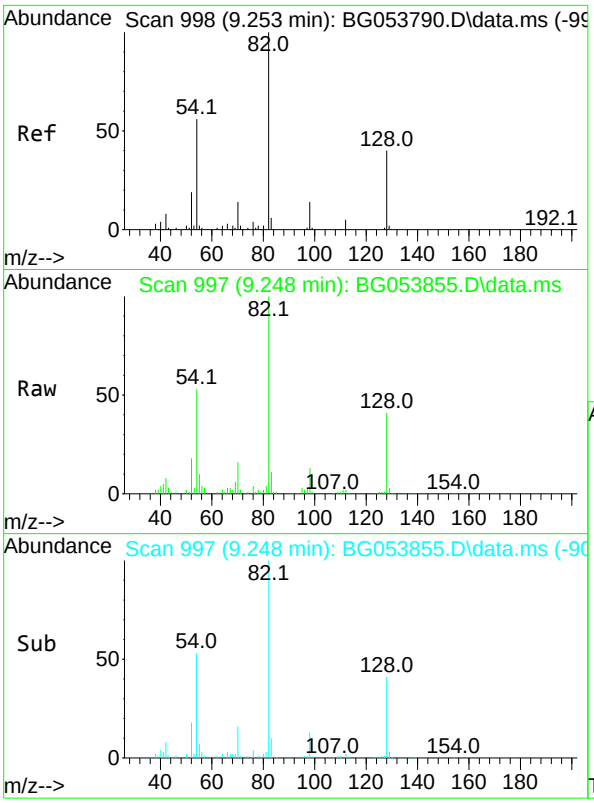


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1278
Delta R.T. -0.005 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:136 Resp: 100870

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	10.5	7.4	11.2
68	8.3	4.9	7.3#



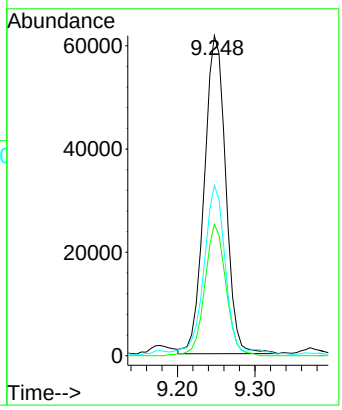


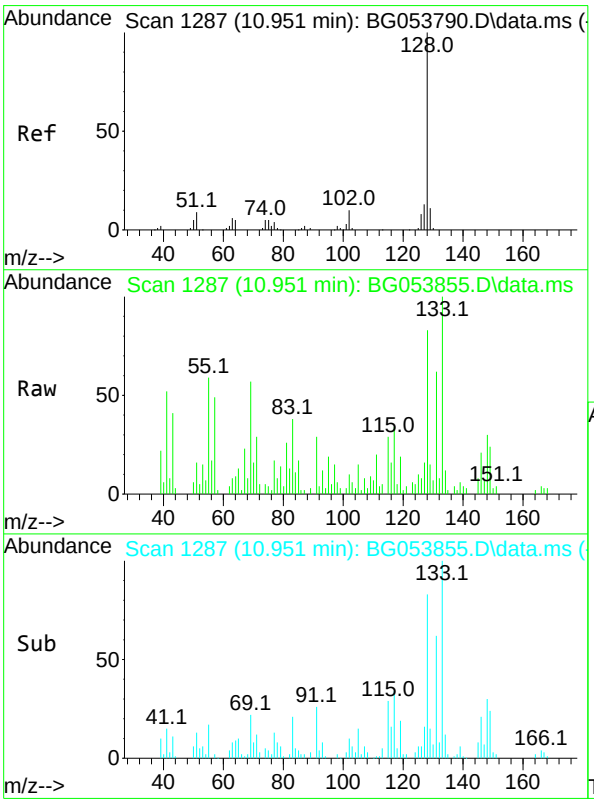
#23
Nitrobenzene-d5
Concen: 77.028 ng
RT: 9.248 min Scan# 9
Delta R.T. -0.005 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion: 82 Resp: 118319

Ion	Ratio	Lower	Upper
82	100		
128	41.1	27.9	41.9
54	53.2	41.2	61.8

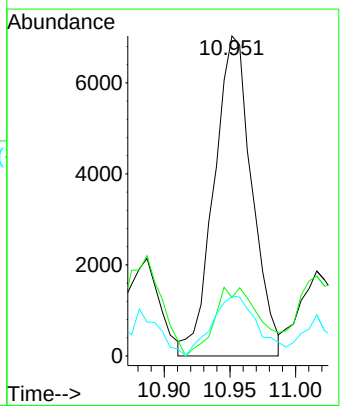


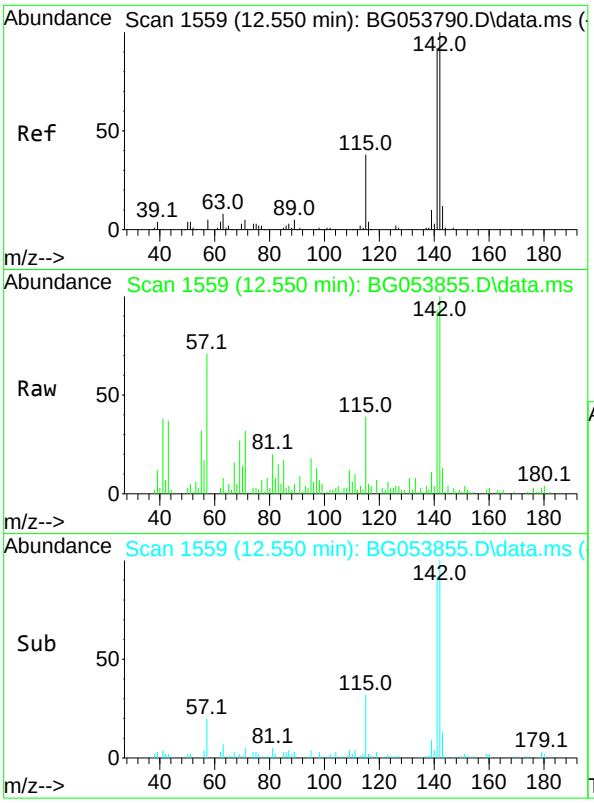


#31
Naphthalene
Concen: 2.730 ng
RT: 10.951 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:128 Resp: 14093

Ion	Ratio	Lower	Upper
128	100		
129	18.2	9.0	13.6#
127	18.7	11.1	16.7#



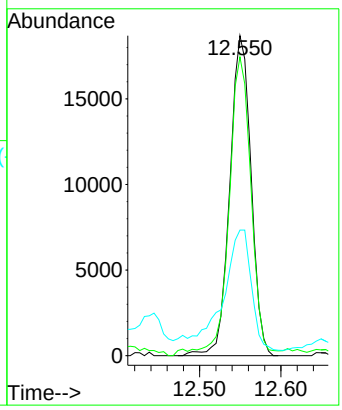


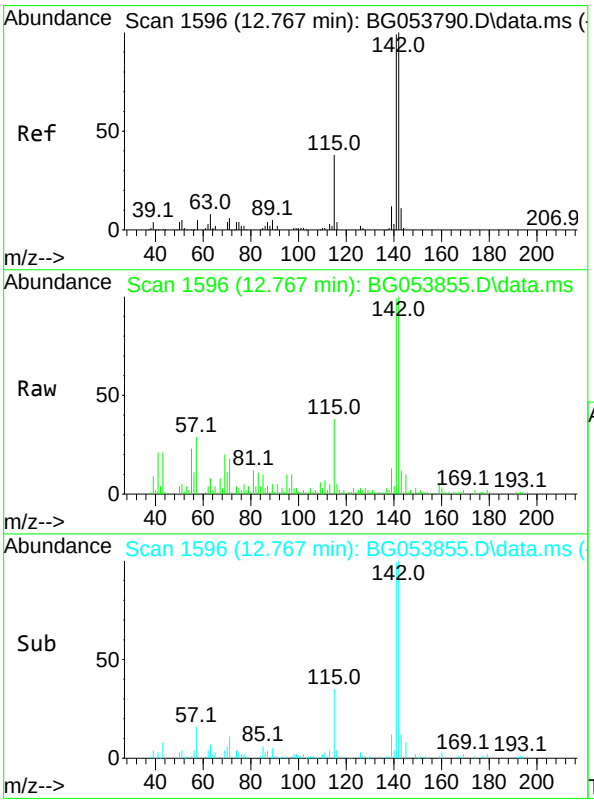
#37
2-Methylnaphthalene
Concen: 9.066 ng
RT: 12.550 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:142 Resp: 33954

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.3	108.5
115	39.2	33.7	50.5

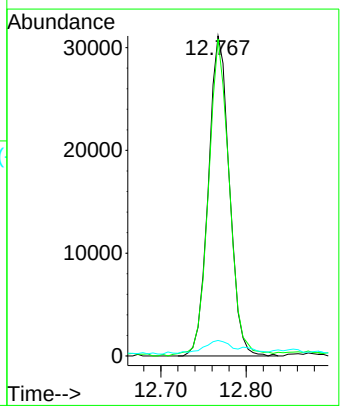


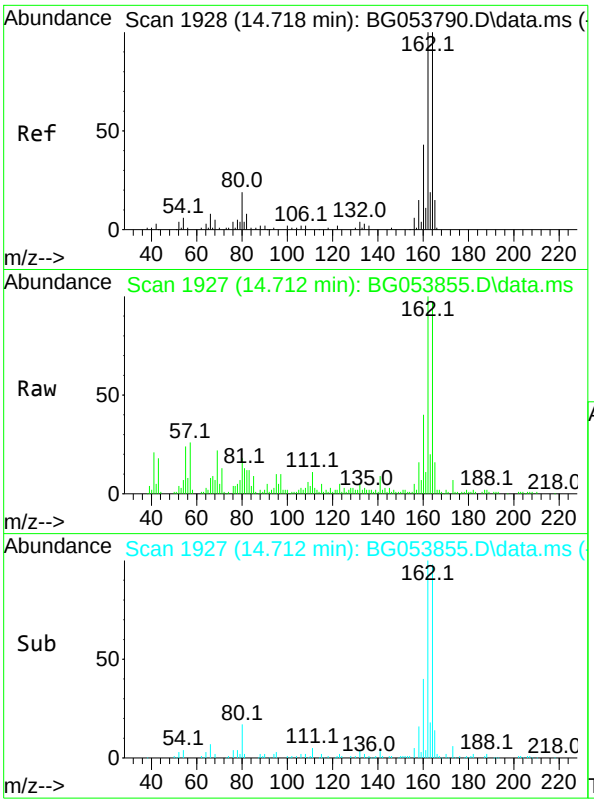


#38
1-Methylnaphthalene
Concen: 14.533 ng
RT: 12.767 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:142 Resp: 53226

Ion	Ratio	Lower	Upper
142	100		
141	99.0	76.4	114.6
116	4.8	3.3	4.9



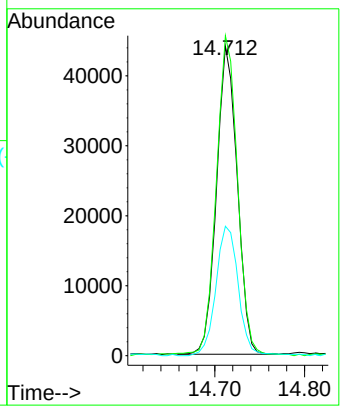


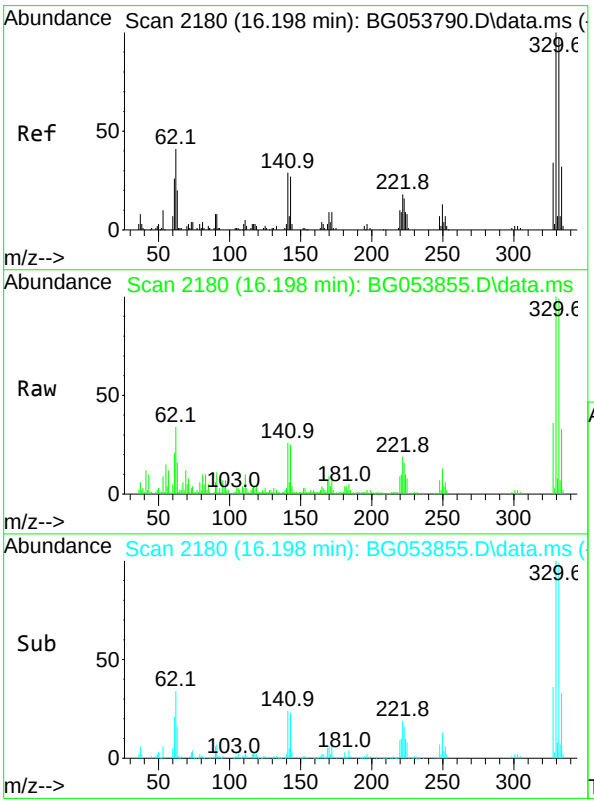
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.712 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:164 Resp: 70576

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.3	123.5
160	41.8	34.2	51.2

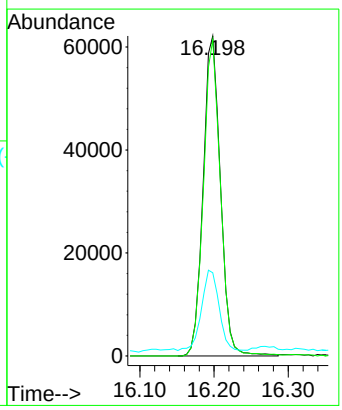


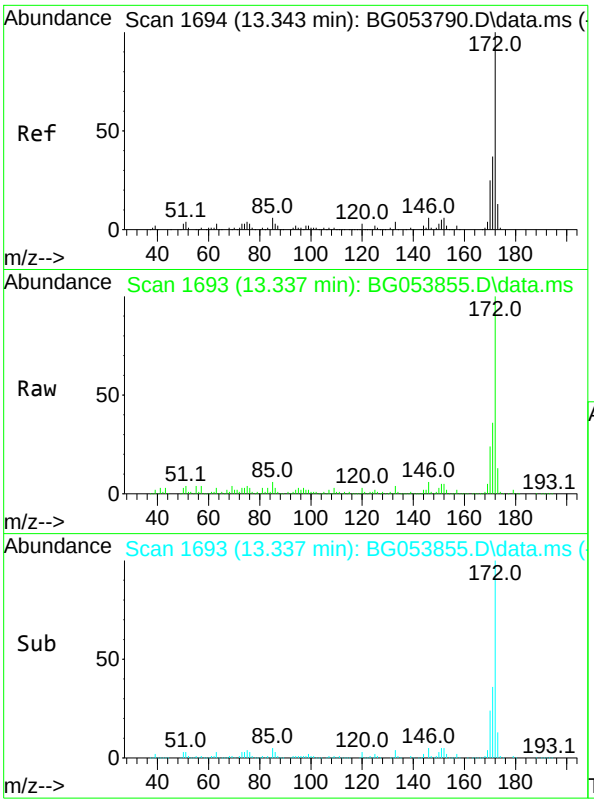


#42
2,4,6-Tribromophenol
Concen: 117.752 ng
RT: 16.198 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:330 Resp: 100877

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	25.2	27.1	40.7#



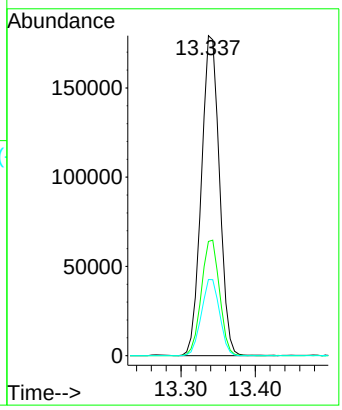


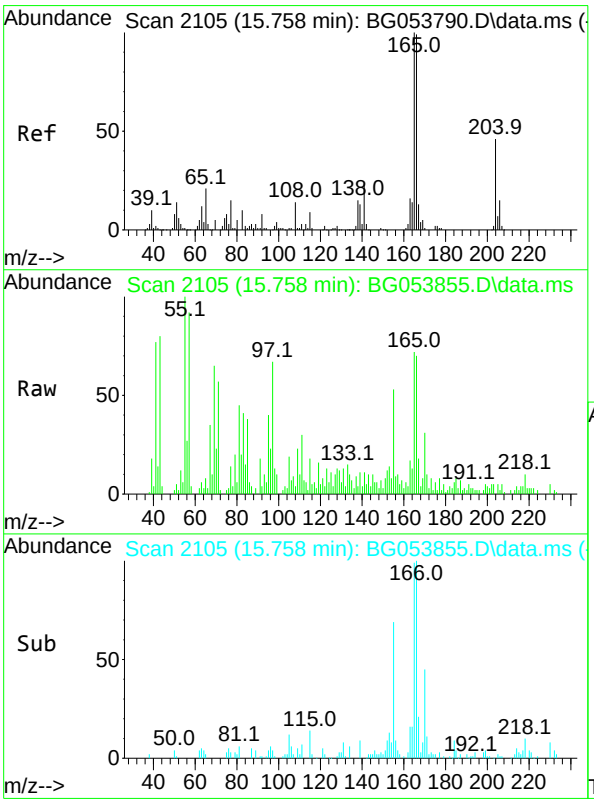
#45
2-Fluorobiphenyl
Concen: 64.577 ng
RT: 13.337 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:172 Resp: 304652

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.8	18.9	28.3

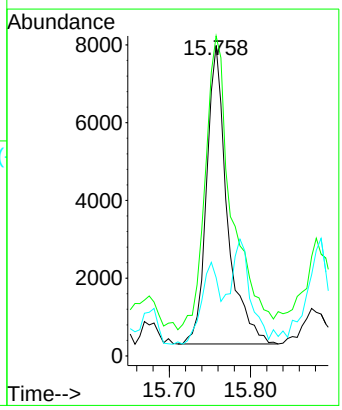


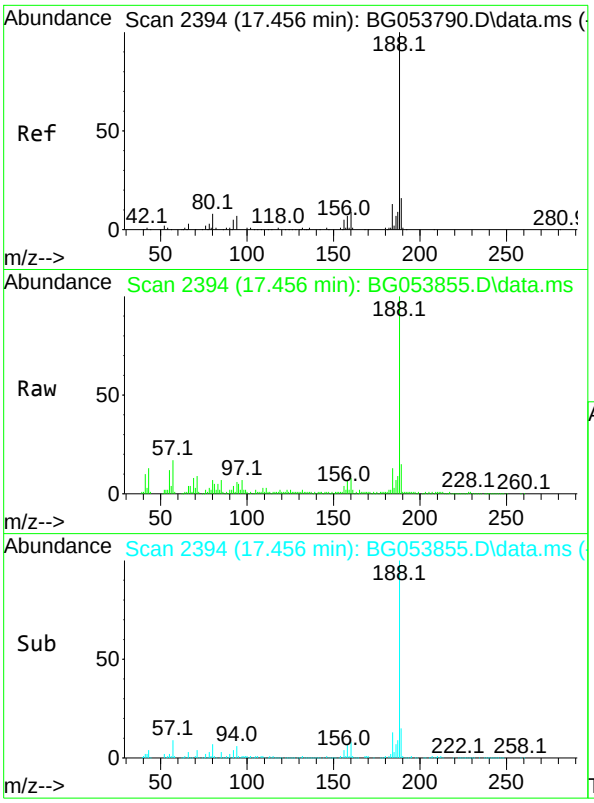


#58
Fluorene
Concen: 2.572 ng
RT: 15.758 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:166 Resp: 13538

Ion	Ratio	Lower	Upper
166	100		
165	103.1	75.0	112.6
167	25.3	10.8	16.2#



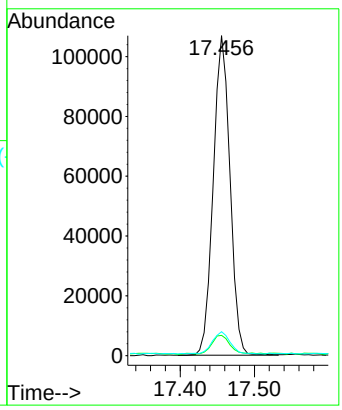


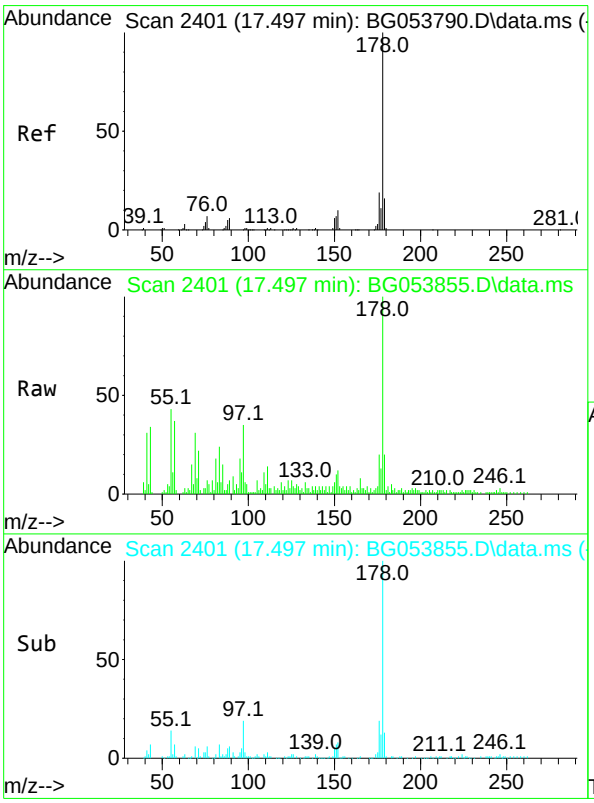
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:188 Resp: 167044

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	7.5	6.8	10.2

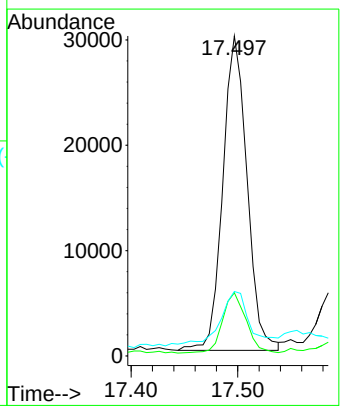


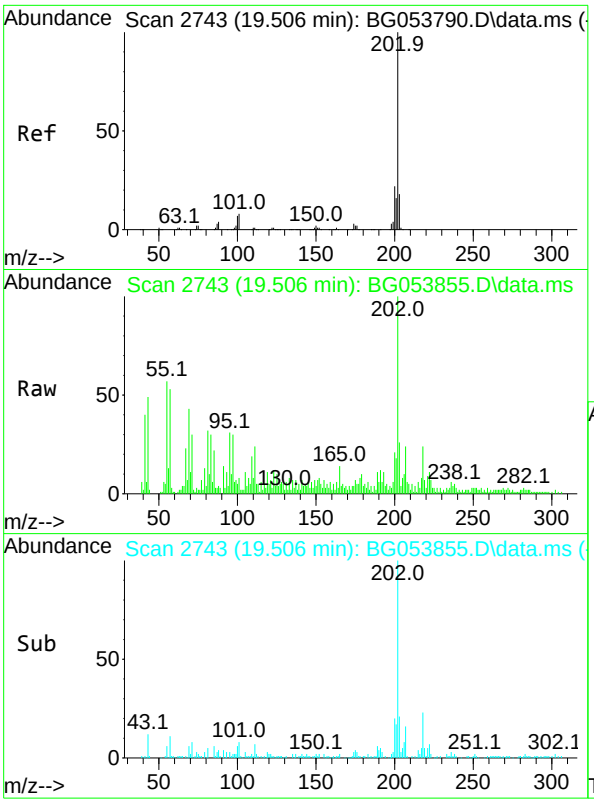


#71
Phenanthrene
Concen: 5.356 ng
RT: 17.497 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:178 Resp: 47096

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.1	21.1
179	20.2	12.1	18.1#



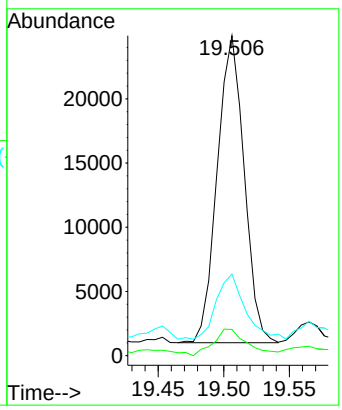


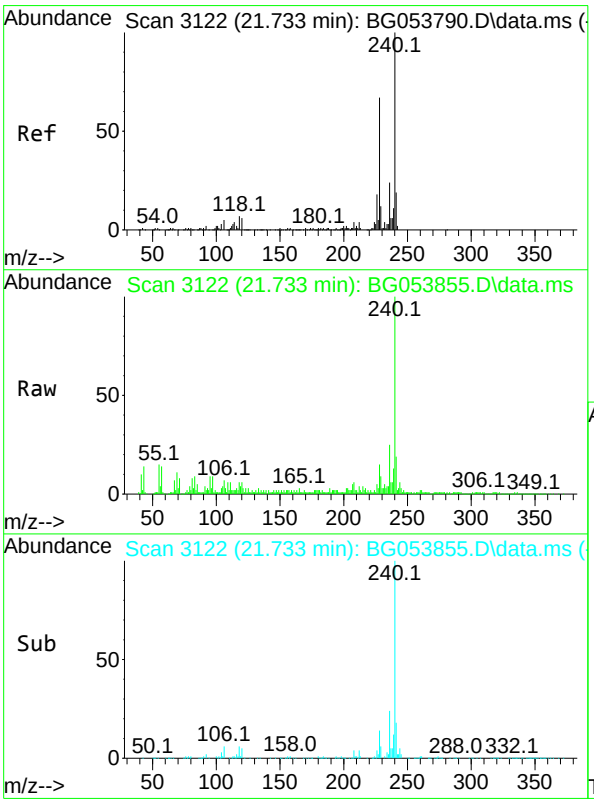
#75
Fluoranthene
Concen: 2.992 ng
RT: 19.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:202 Resp: 34116

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	26.9
203	25.5	0.0	37.2

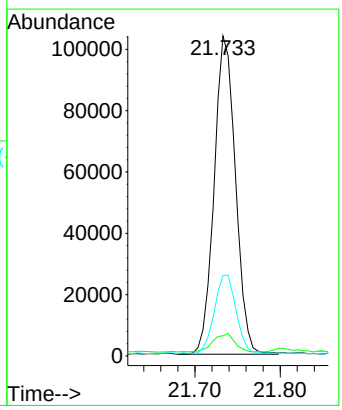


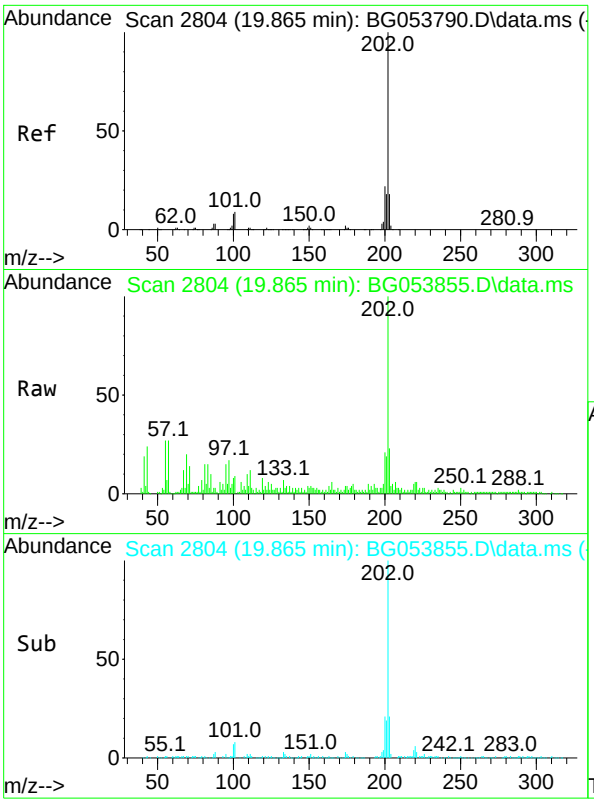


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:240 Resp: 180817

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.6	7.0
236	25.2	20.2	30.4



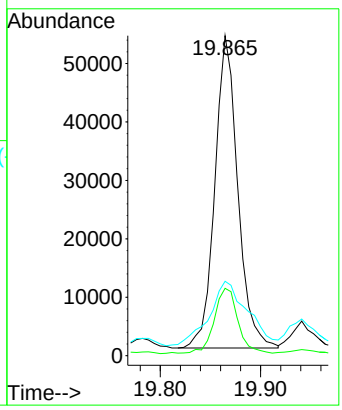


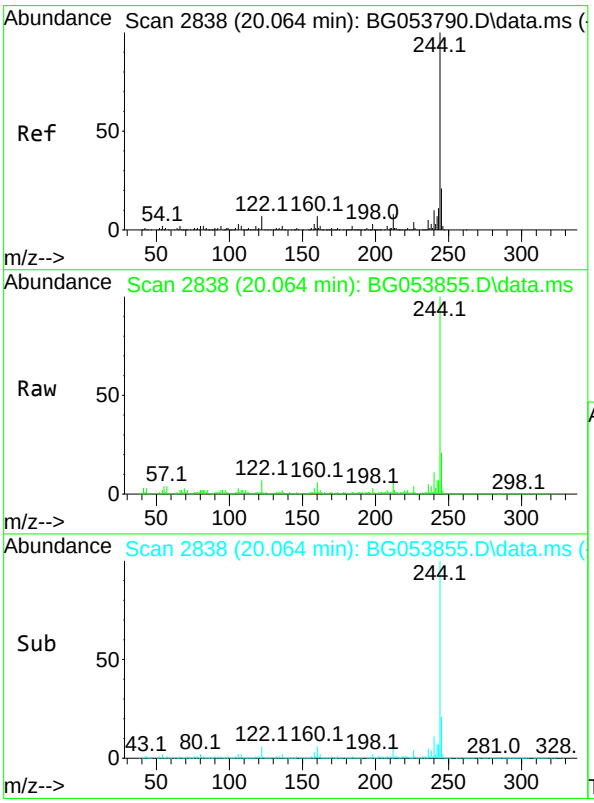
#78
Pyrene
Concen: 7.376 ng
RT: 19.865 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:202 Resp: 84813

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	23.3	14.6	21.8#

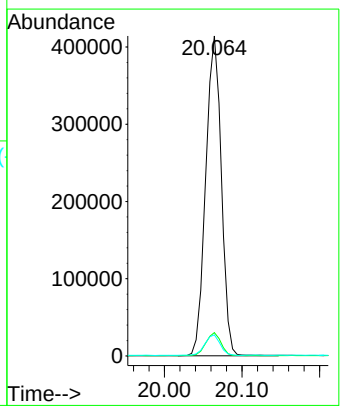


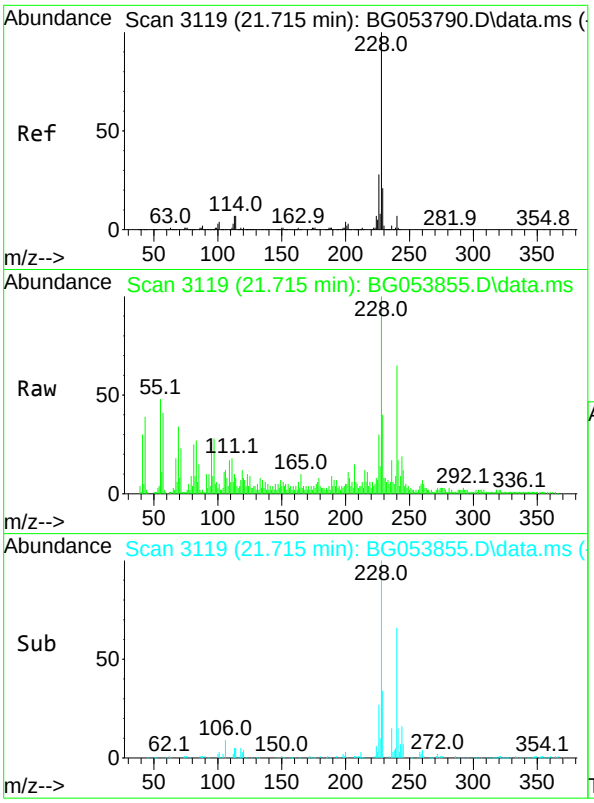


#79
Terphenyl-d14
Concen: 63.668 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:244 Resp: 578679

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	6.6	5.0	7.4



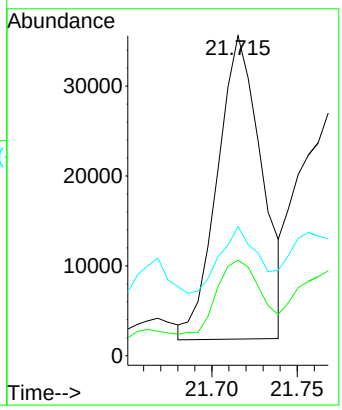


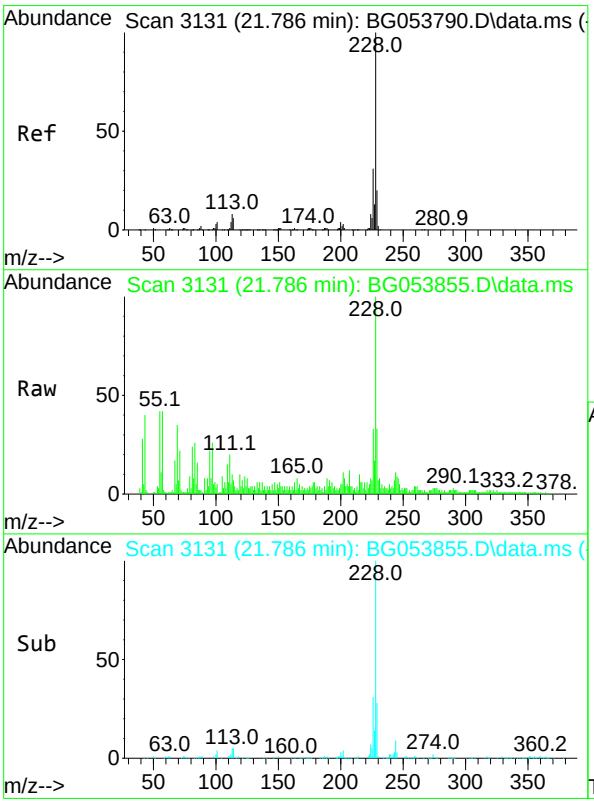
#81
Benzo(a)anthracene
Concen: 5.099 ng
RT: 21.715 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:228 Resp: 61212

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.6	32.4
229	40.4	16.2	24.2#

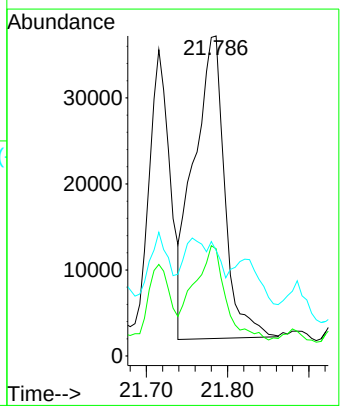


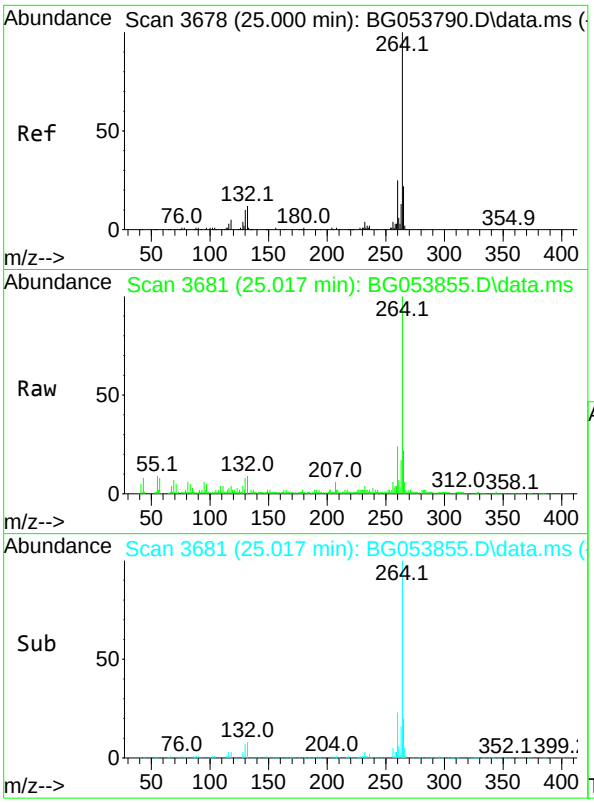


#83
Chrysene
Concen: 8.255 ng
RT: 21.786 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:228 Resp: 93540

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	33.0	15.5	23.3#



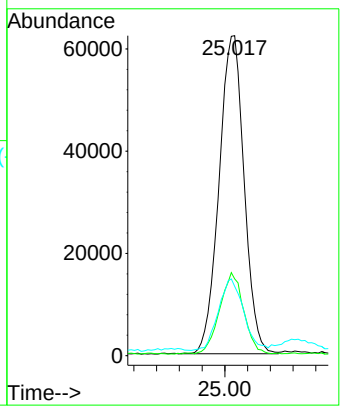


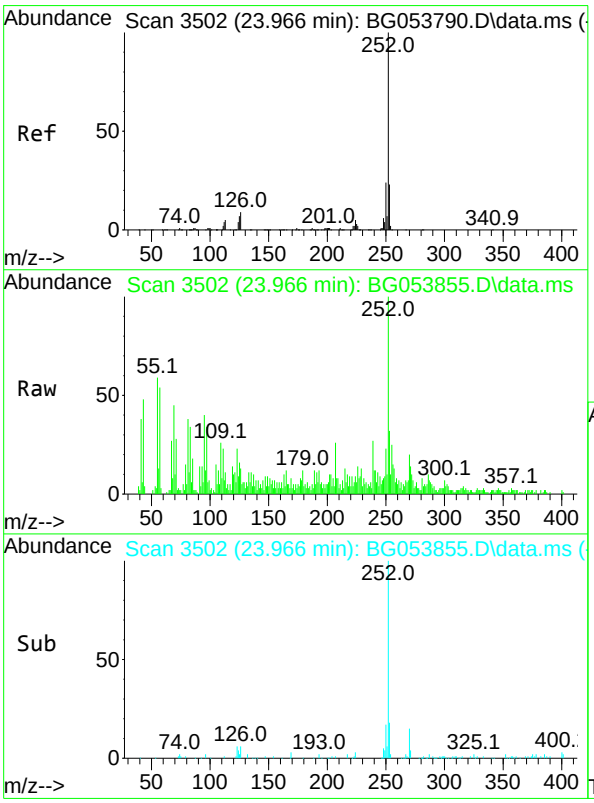
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.017 min Scan# 3
Delta R.T. 0.018 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:264 Resp: 190475

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.6	17.4	26.2

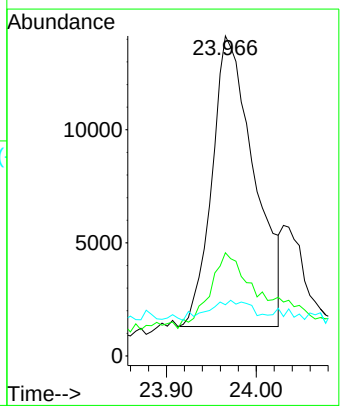


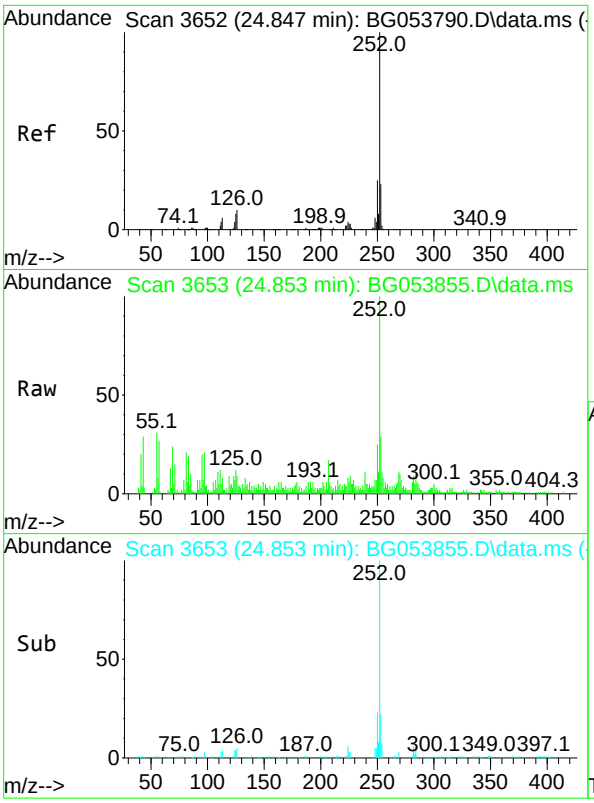


#88
Benzo(b)fluoranthene
Concen: 3.548 ng
RT: 23.966 min Scan# 3502
Delta R.T. -0.000 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:252 Resp: 41955

Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.0	27.0#
125	16.0	4.6	6.8#



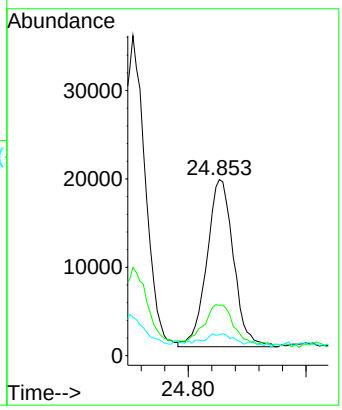


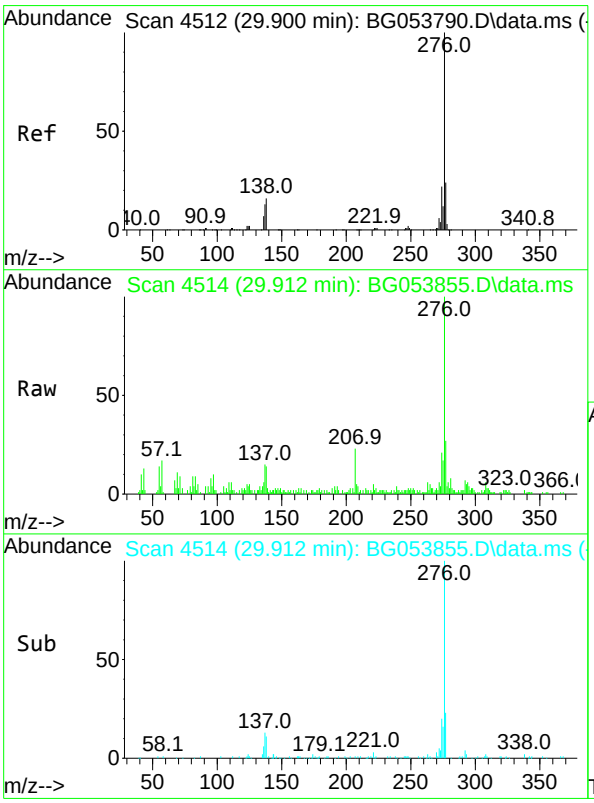
#90
Benzo(a)pyrene
Concen: 5.937 ng
RT: 24.853 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

Tgt Ion:252 Resp: 59373

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.8#
125	12.0	4.3	6.5#





#92
Benzo(g,h,i)perylene
Concen: 6.753 ng
RT: 29.912 min Scan# 4514
Delta R.T. 0.012 min
Lab File: BG053855.D
Acq: 8 Jun 2022 16:43

Tgt Ion:276 Resp: 77226

Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.3	25.9#
138	13.6	9.6	14.4