Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055312.D
Acq On : 27 Oct 2022 00:07
Operator : CG/JU
Sample : N5254-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Quant Time: Oct 27 10:44:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.270	152	41433	20.000	ng		0.00
21) Naphthalene-d8	11.096	136	188949	20.000	ng		0.00
39) Acenaphthene-d10	14.880	164	126703	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	267165	20.000	ng		0.00
76) Chrysene-d12	21.896	240	243988	20.000	ng		0.00
86) Perylene-d12	25.292	264	261649	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	266051	112.434	ng		0.00
7) Phenol-d6	7.413	99	370013	107.932	ng		0.00
23) Nitrobenzene-d5	9.440	82	227292	61.425	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	146075	106.053	ng		0.00
45) 2-Fluorobiphenyl	13.511	172	501616	64.799	ng		0.00
79) Terphenyl-d14	20.192	244	721554	61.444	ng		0.00
Target Compounds							Qvalue
20) 3+4-Methylphenols	9.028	107	41122	10.572	ng		90
71) Phenanthrene	17.659	178	81787	5.740	ng		100
75) Fluoranthene	19.651	202	105725	6.368	ng		97
78) Pyrene	20.010	202	95819	5.729	ng		98
81) Benzo(a)anthracene	21.872	228	44553	2.719	ng		97
83) Chrysene	21.943	228	51780	3.327	ng		97
87) Indeno(1,2,3-cd)pyrene	29.193	276	38916	2.014	ng	#	90
88) Benzo(b)fluoranthene	24.211	252	74173	4.713	ng	#	89
90) Benzo(a)pyrene	25.127	252	48871	3.621	ng	#	88
92) Benzo(g,h,i)perylene	30.427	276	41094	2.612	ng		96

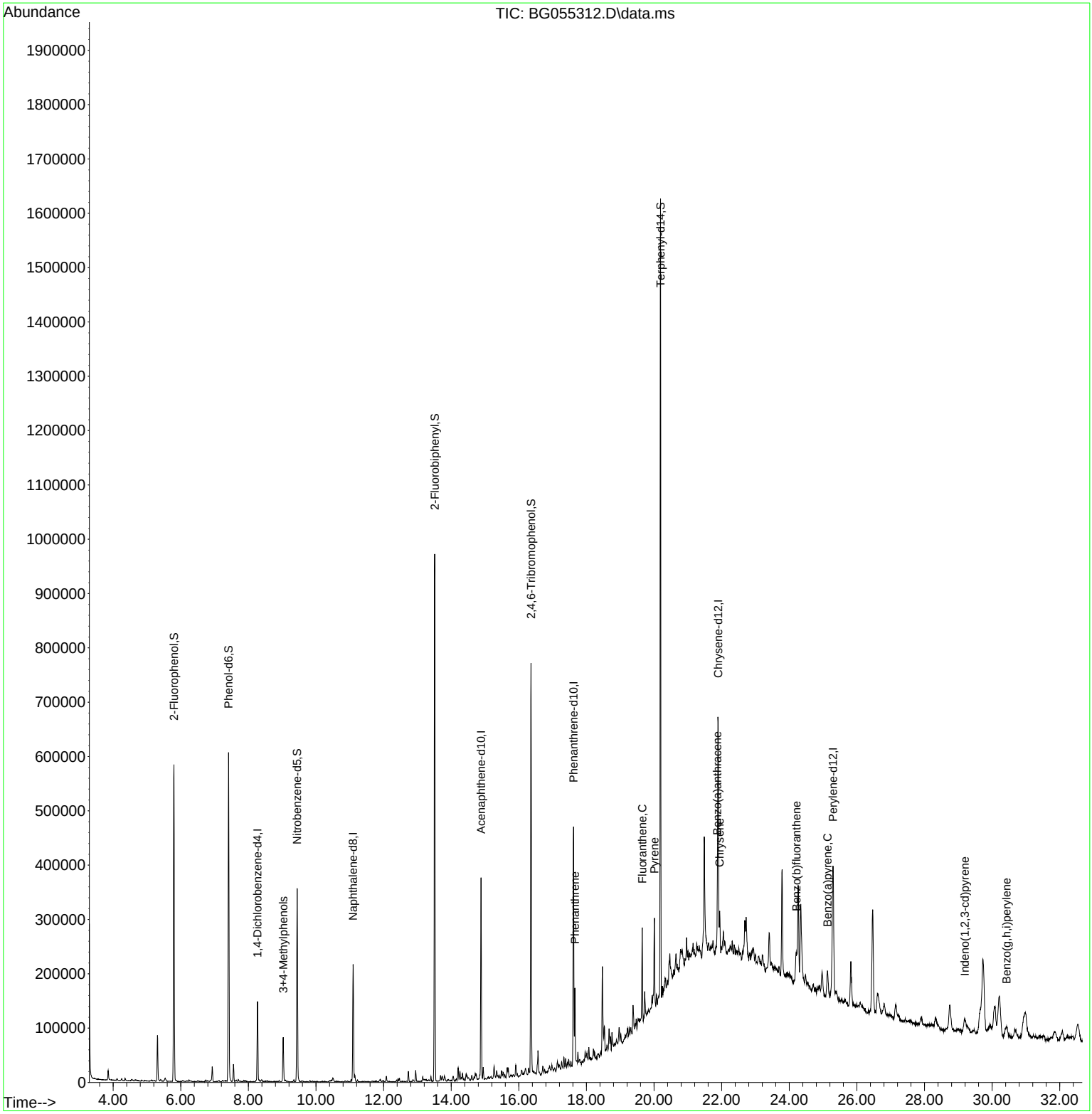
(#) = qualifier out of range (m) = manual integration (+) = signals summed

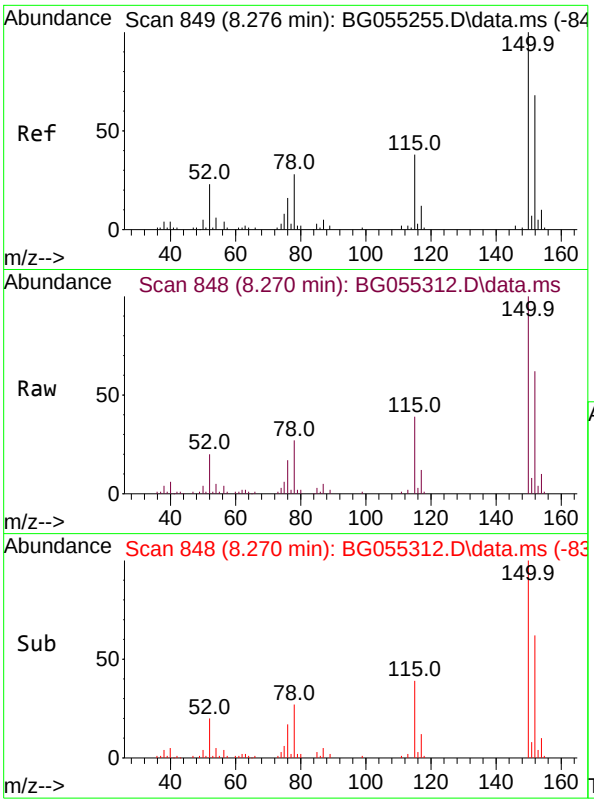
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055312.D
Acq On : 27 Oct 2022 00:07
Operator : CG/JU
Sample : N5254-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Quant Time: Oct 27 10:44:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



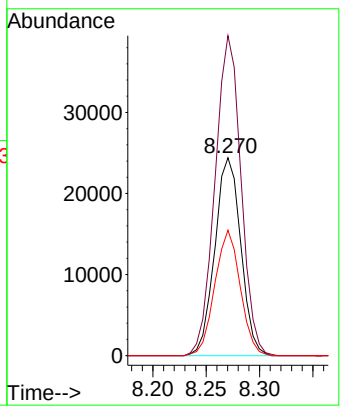


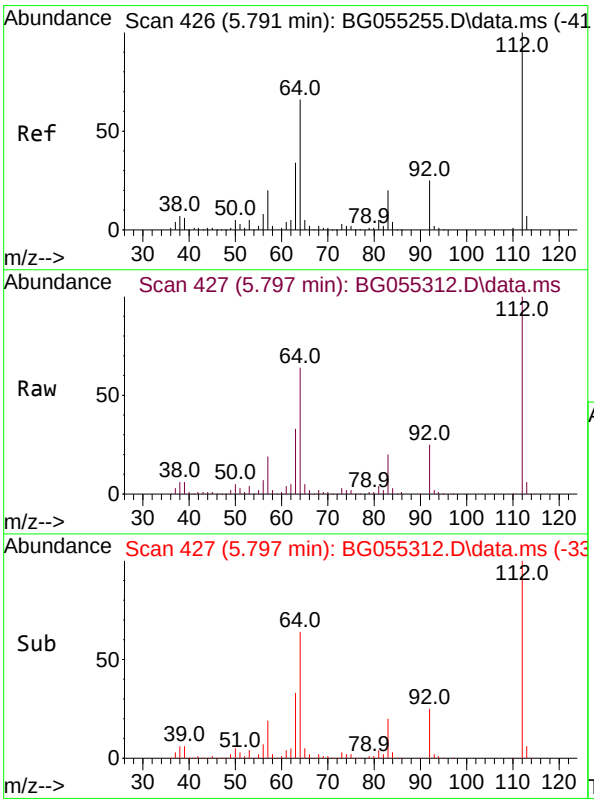
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:152 Resp: 41433

Ion	Ratio	Lower	Upper
152	100		
150	161.7	118.2	177.4
115	63.4	44.5	66.7

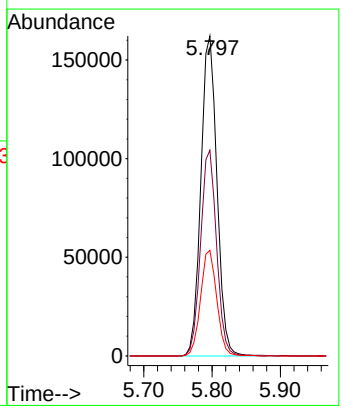


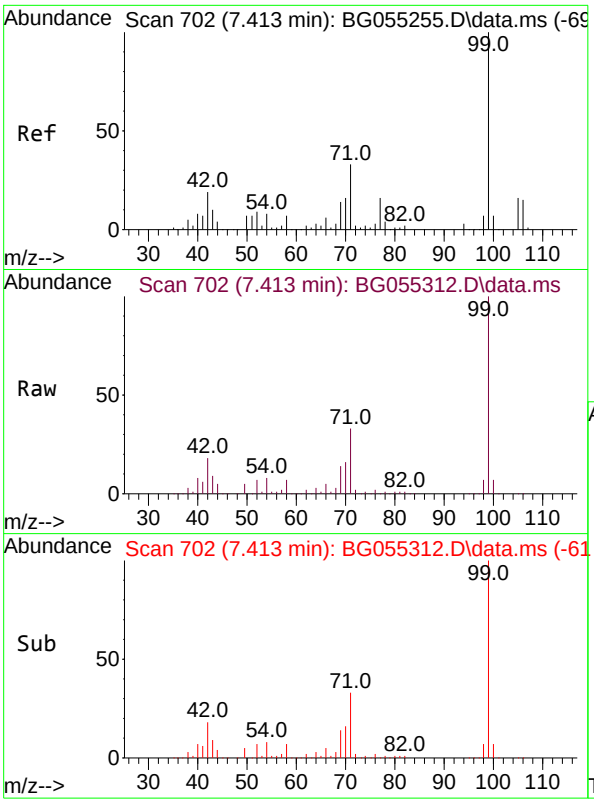


#5
2-Fluorophenol
Concen: 112.434 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:112 Resp: 266051

Ion	Ratio	Lower	Upper
112	100		
64	64.3	52.6	78.8
63	33.0	27.1	40.7



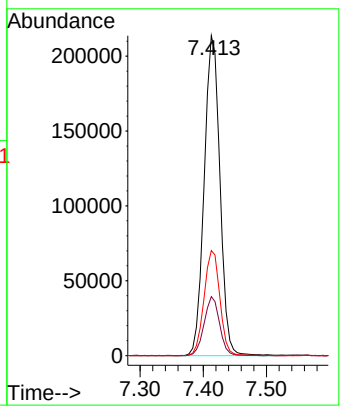


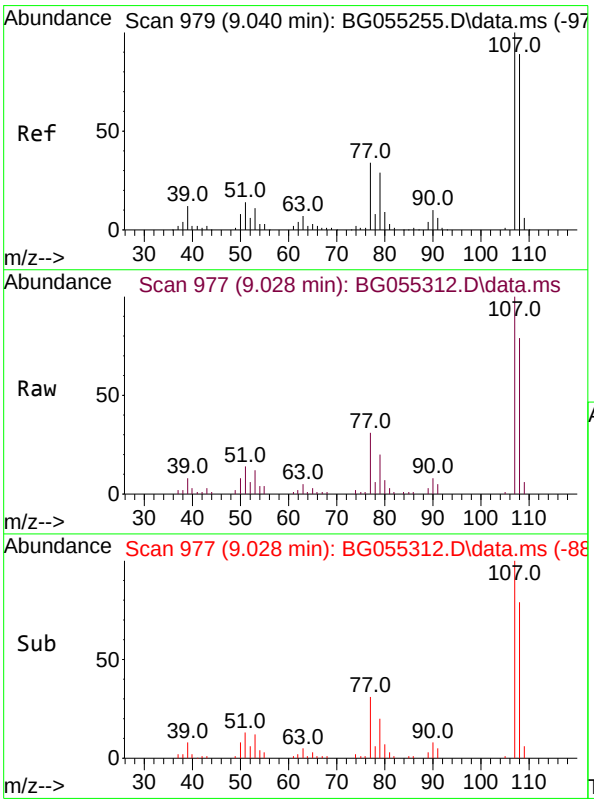
#7
Phenol-d6
Concen: 107.932 ng
RT: 7.413 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion: 99 Resp: 370013

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.2	22.8
71	32.9	26.2	39.4

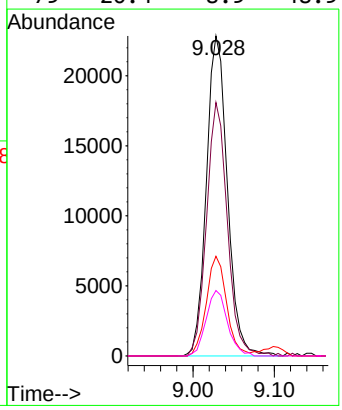


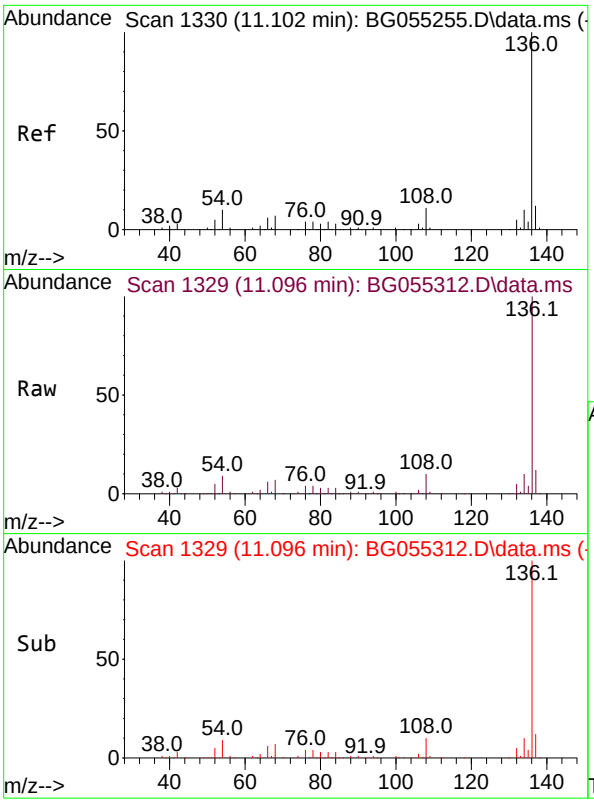


#20
3+4-Methylphenols
Concen: 10.572 ng
RT: 9.028 min Scan# 977
Delta R.T. -0.012 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:107 Resp: 41122

Ion	Ratio	Lower	Upper
107	100		
108	79.2	68.5	108.5
77	31.1	14.0	54.0
79	20.4	8.9	48.9



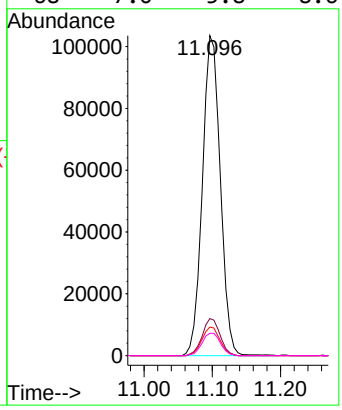


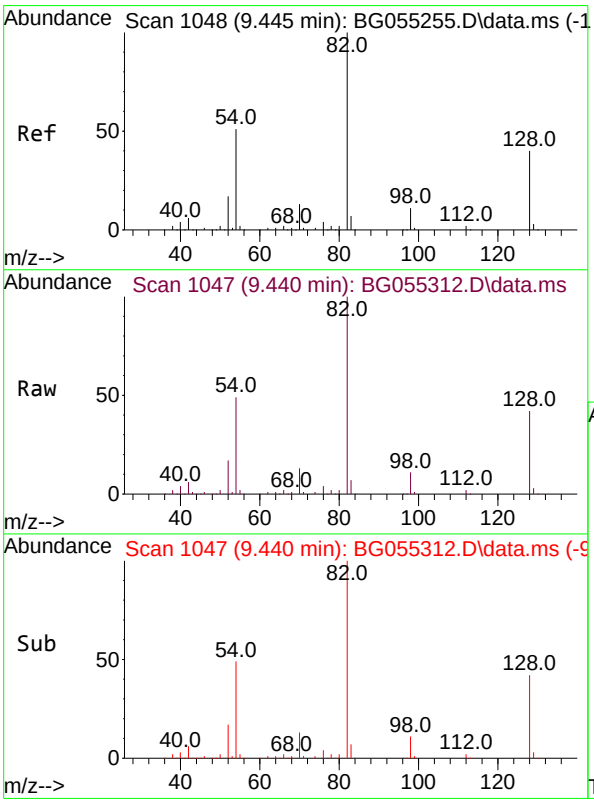
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:136 Resp: 188949

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.0	7.8	11.8
68	7.0	5.8	8.6

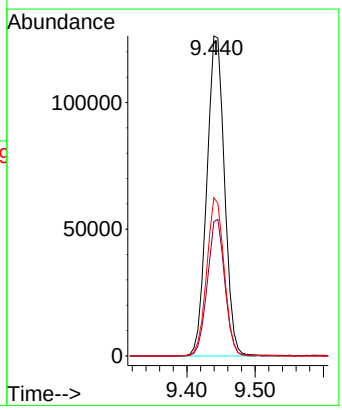


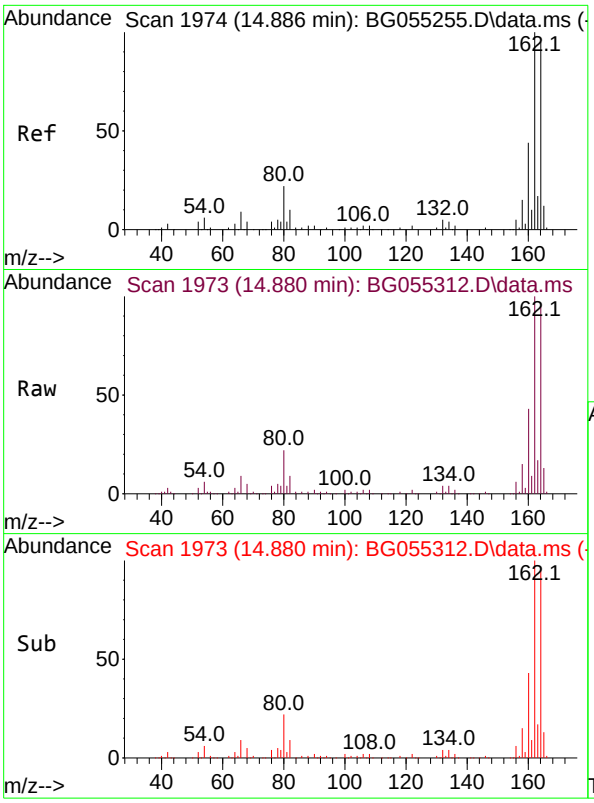


#23
Nitrobenzene-d5
Concen: 61.425 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion: 82 Resp: 227292

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.0	48.0
54	49.4	40.9	61.3



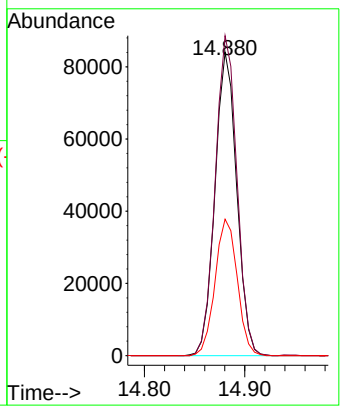


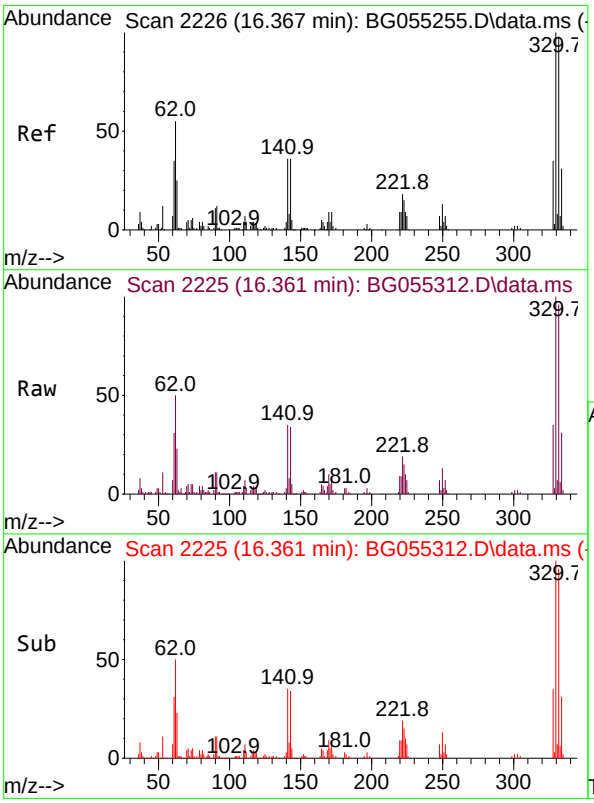
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:164 Resp: 126703

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.0	126.0
160	45.0	36.7	55.1

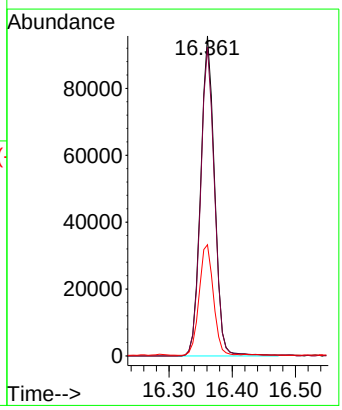


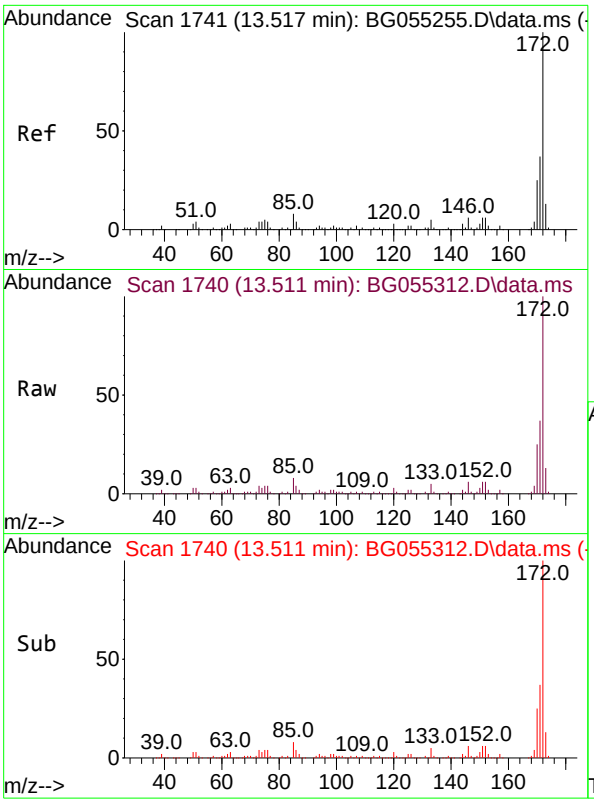


#42
2,4,6-Tribromophenol
Concen: 106.053 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:330 Resp: 146075

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	35.5	29.8	44.8



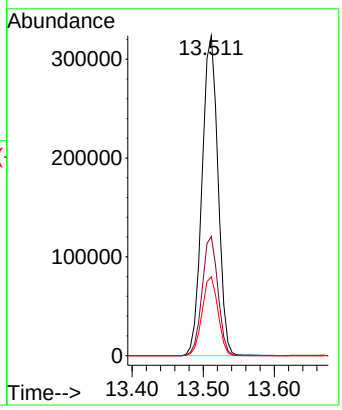


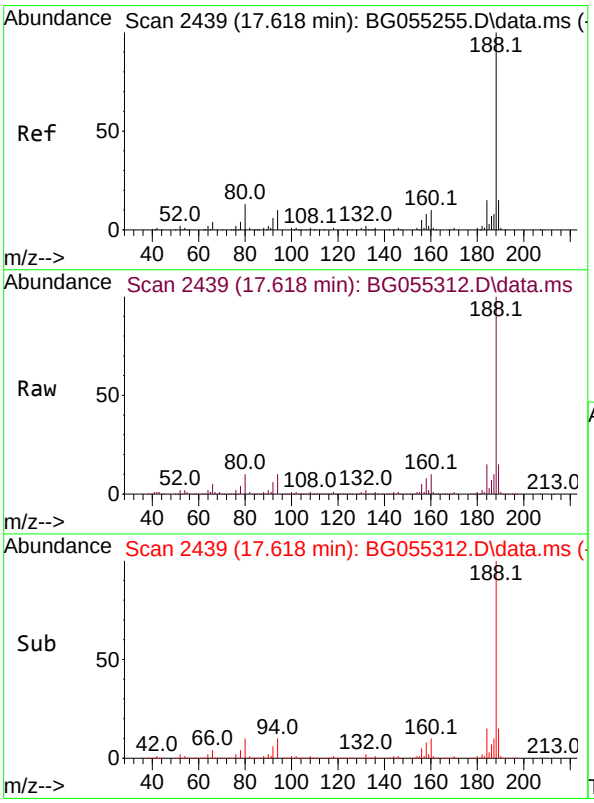
#45
2-Fluorobiphenyl
Concen: 64.799 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:172 Resp: 501616

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.6	20.2	30.2

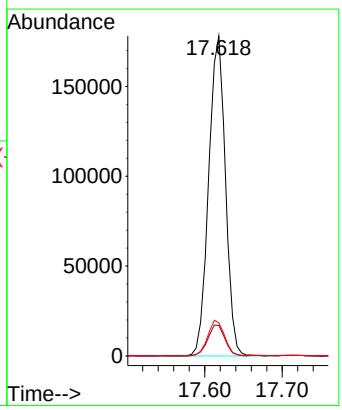


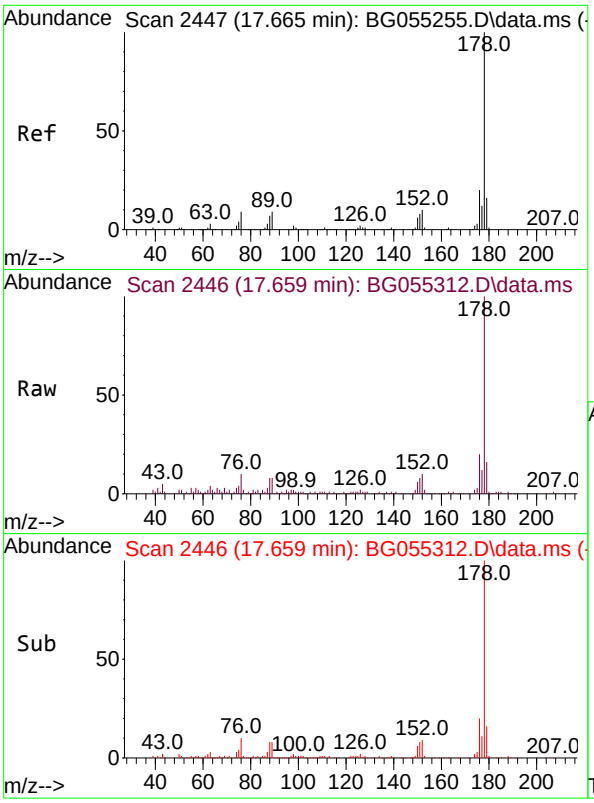


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:188 Resp: 267165

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.3	10.1	15.1



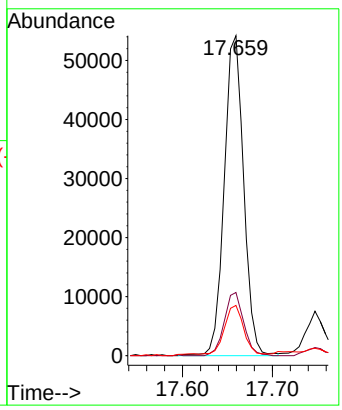


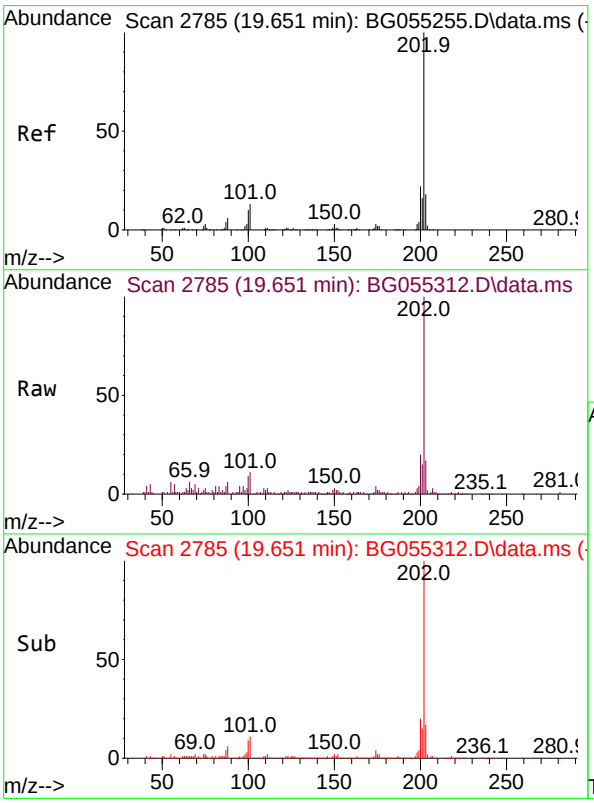
#71
Phenanthrene
Concen: 5.740 ng
RT: 17.659 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:178 Resp: 81787

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.7	12.6	19.0

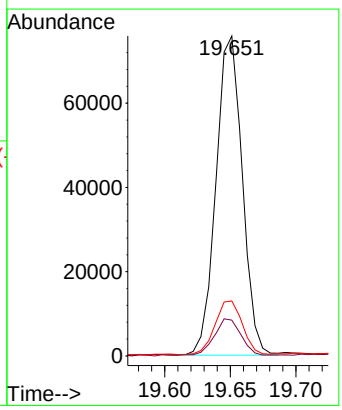


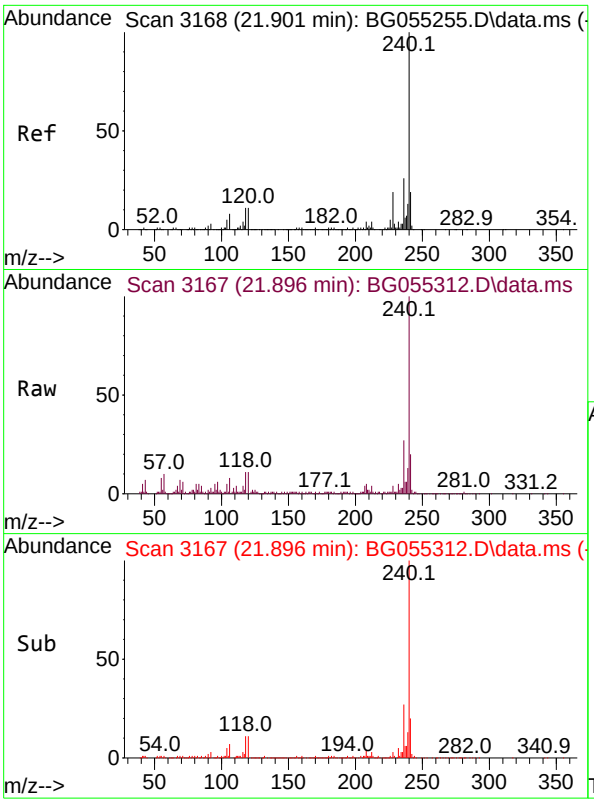


#75
Fluoranthene
Concen: 6.368 ng
RT: 19.651 min Scan# 2785
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:202 Resp: 105725

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.6
203	17.2	0.0	38.3



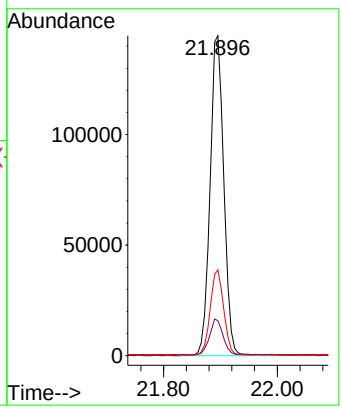


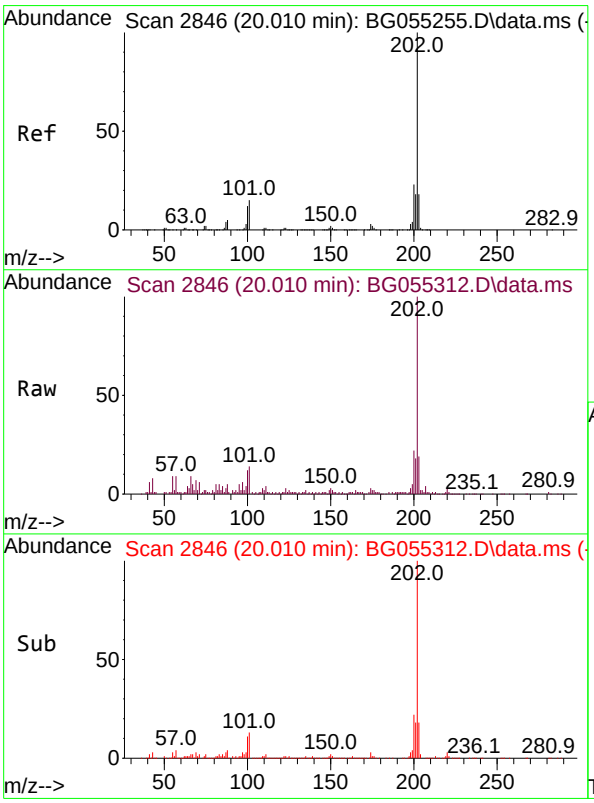
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:240 Resp: 243988

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.8	21.0	31.4

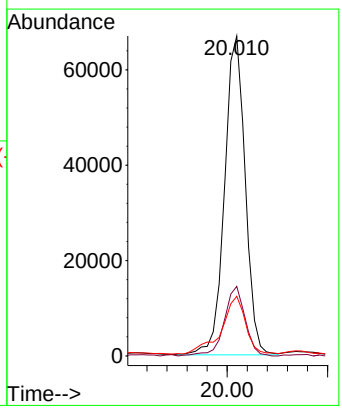


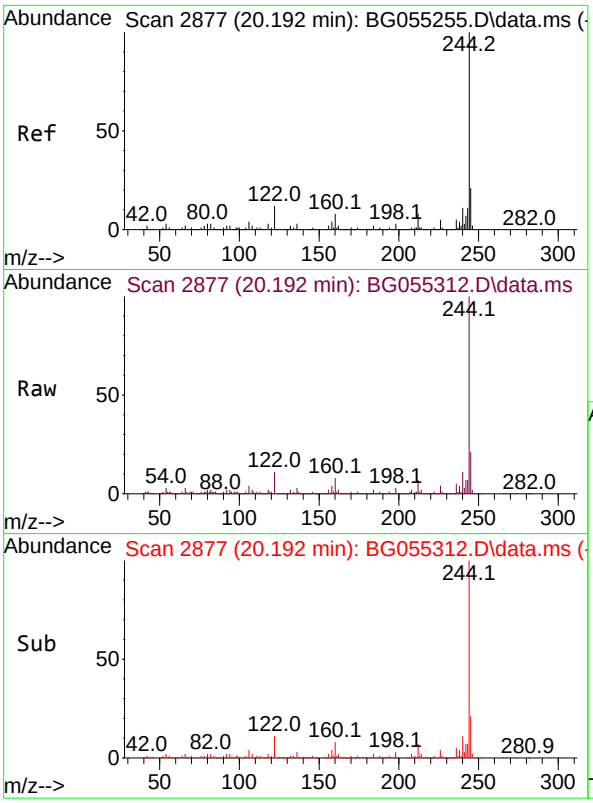


#78
Pyrene
Concen: 5.729 ng
RT: 20.010 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:202 Resp: 95819

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	18.6	14.3	21.5



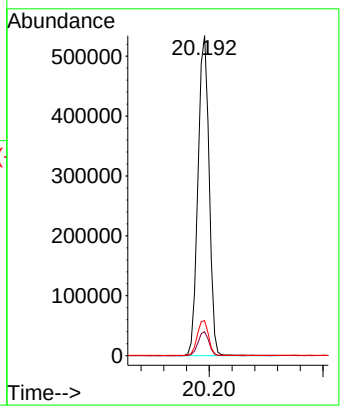


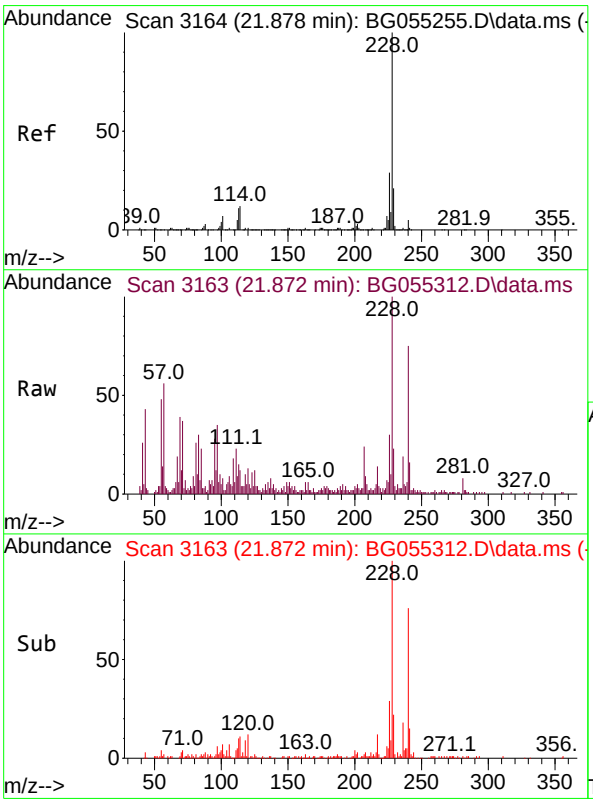
#79
Terphenyl-d14
Concen: 61.444 ng
RT: 20.192 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:244 Resp: 721554

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.9	9.6	14.4

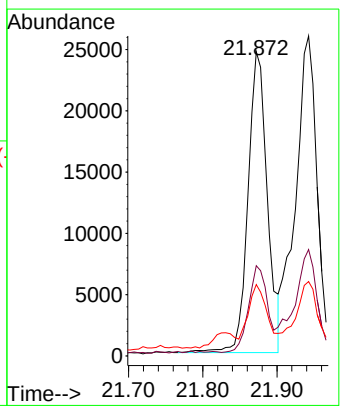


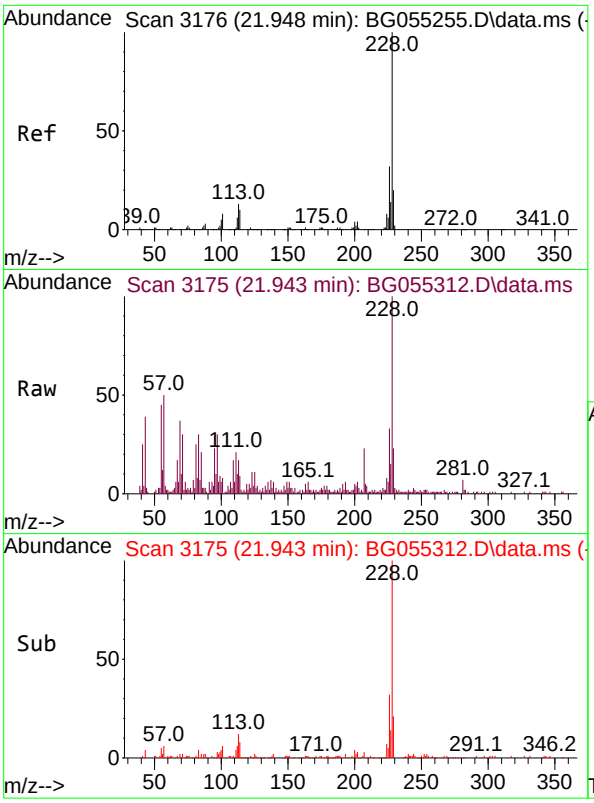


#81
Benzo(a)anthracene
Concen: 2.719 ng
RT: 21.872 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:228 Resp: 44553

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.9	34.3
229	23.4	16.7	25.1



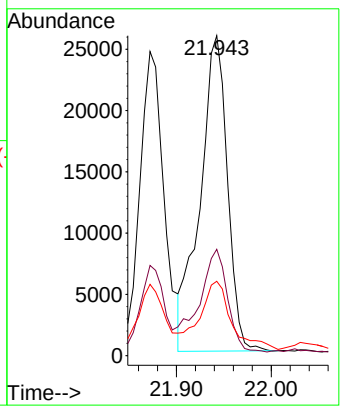


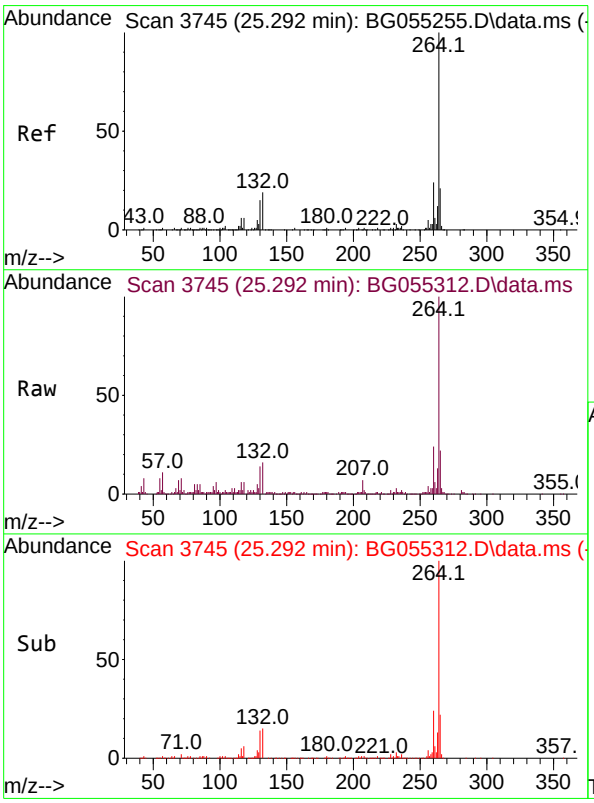
#83
Chrysene
Concen: 3.327 ng
RT: 21.943 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:228 Resp: 51780

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.8	38.8
229	23.2	16.3	24.5

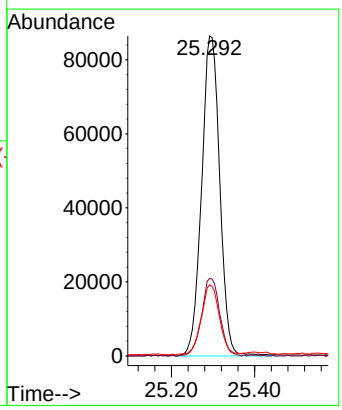


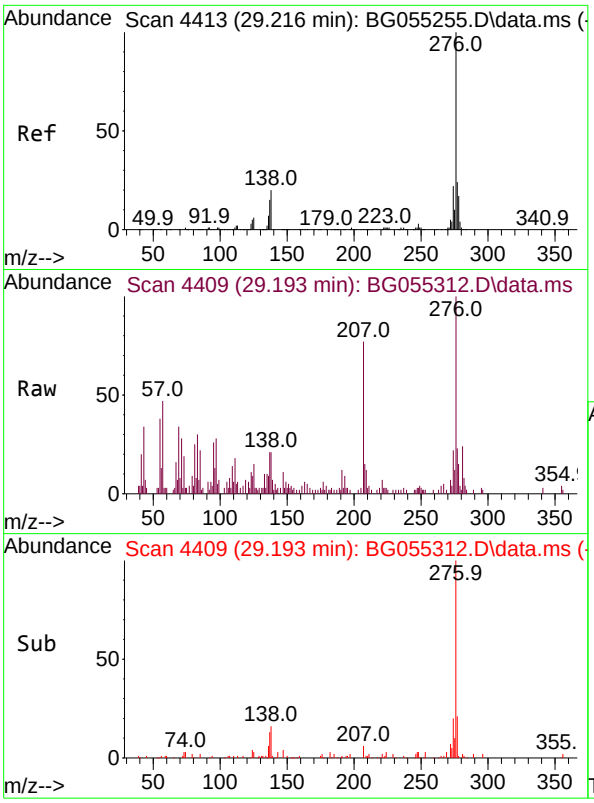


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.292 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:264 Resp: 261649

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.4	26.2



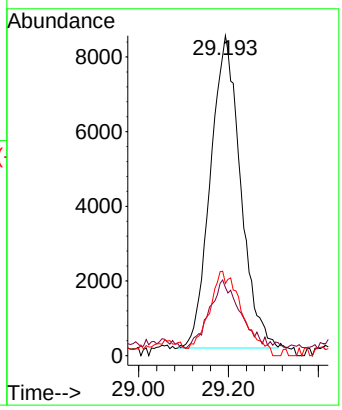


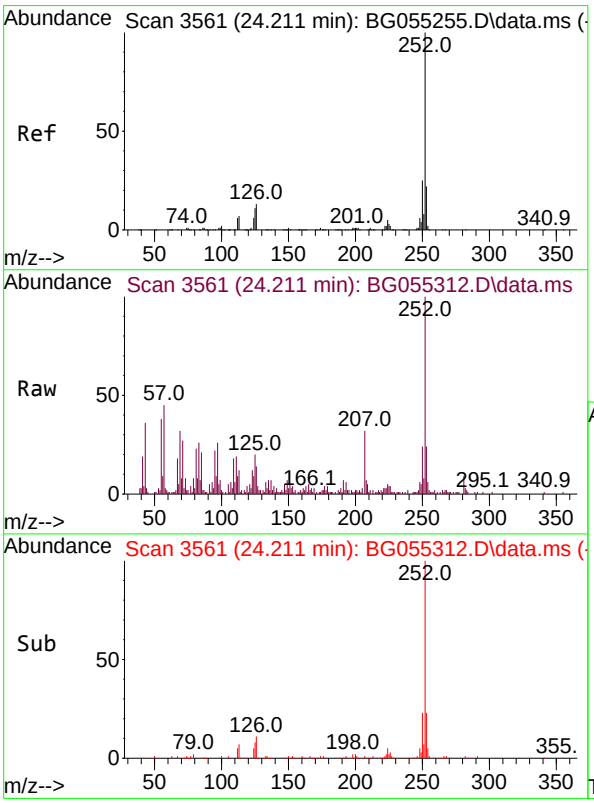
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.014 ng
RT: 29.193 min Scan# 44
Delta R.T. -0.023 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:276 Resp: 38916

Ion	Ratio	Lower	Upper
276	100		
138	22.2	13.9	20.9#
277	30.0	20.3	30.5

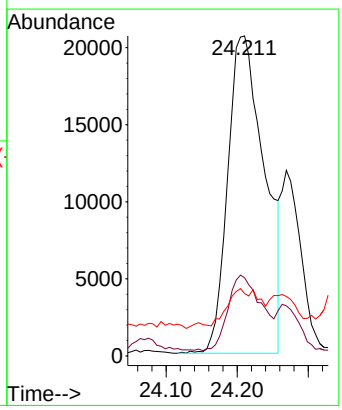


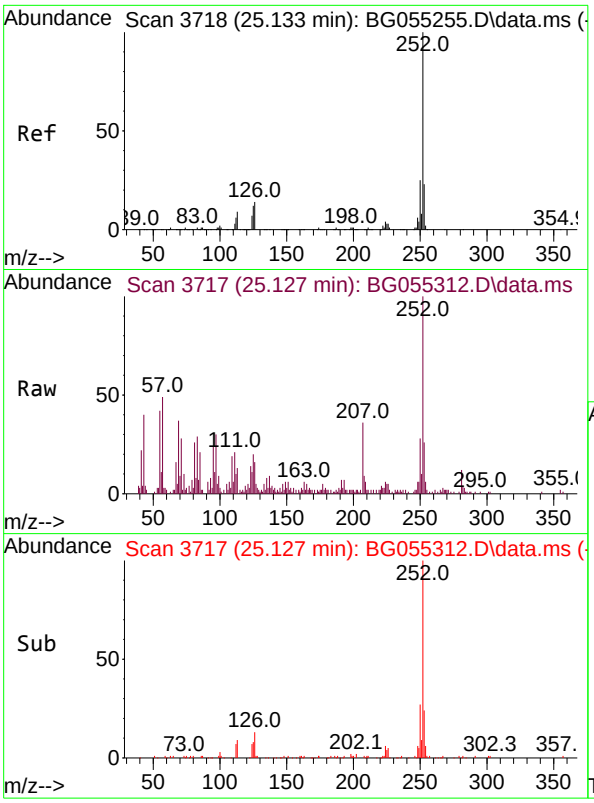


#88
Benzo(b)fluoranthene
Concen: 4.713 ng
RT: 24.211 min Scan# 3561
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:252 Resp: 74173

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	19.5	9.0	13.4#



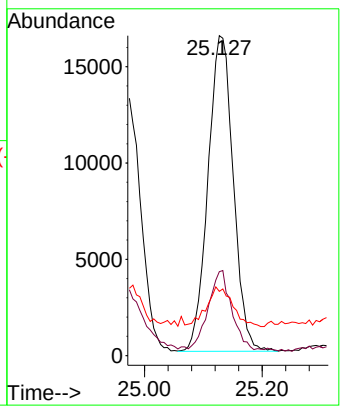


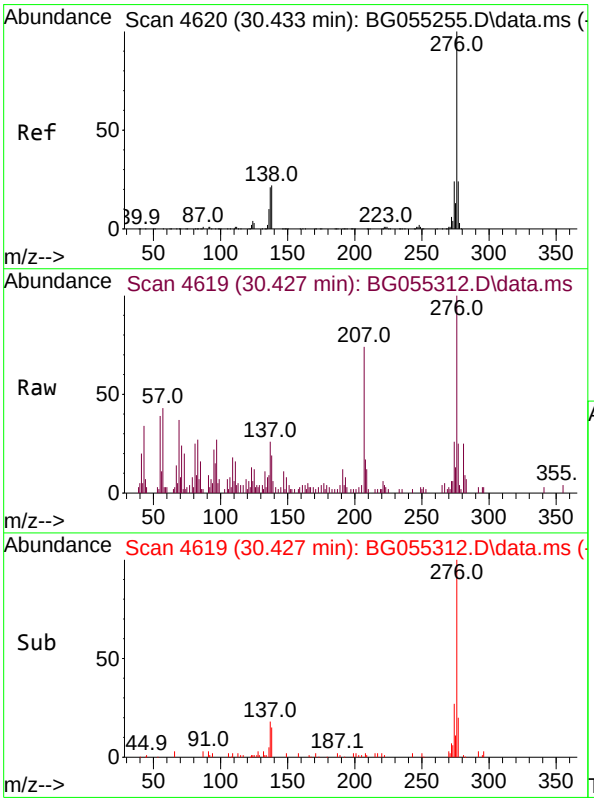
#90
Benzo(a)pyrene
Concen: 3.621 ng
RT: 25.127 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

Tgt Ion:252 Resp: 48871

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	20.1	9.8	14.8#





#92
Benzo(g,h,i)perylene
Concen: 2.612 ng
RT: 30.427 min Scan# 4619
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:276 Resp: 41094

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.1	28.7
138	19.1	17.2	25.8