Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055220.D
Acq On : 20 Oct 2022 13:43
Operator : CG/JU
Sample : N5172-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-02-101722DL

Quant Time: Oct 20 15:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.282	152	61469	20.000	ng		0.00
21) Naphthalene-d8	11.114	136	276434	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	161686	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	305392	20.000	ng		0.00
76) Chrysene-d12	21.913	240	255480	20.000	ng		0.00
86) Perylene-d12	25.326	264	268398	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.802	112	44473	13.017	ng		0.00
7) Phenol-d6	7.418	99	60760	11.671	ng		0.00
23) Nitrobenzene-d5	9.451	82	38350	6.698	ng		-0.01
42) 2,4,6-Tribromophenol	16.372	330	16316	9.739	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	79593	7.863	ng		0.00
79) Terphenyl-d14	20.203	244	95361	6.955	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.166	128	214073	14.676	ng		99
33) 4-Chloroaniline	11.166	127	29332	4.883	ng	#	32
37) 2-Methylnaphthalene	12.747	142	100177	9.029	ng		96
38) 1-Methylnaphthalene	12.964	142	79706	7.277	ng		99
46) 1,1'-Biphenyl	13.734	154	23606	2.062	ng		98
52) Acenaphthene	14.962	154	36788	3.832	ng		95
55) Dibenzofuran	15.291	168	100634	7.277	ng		98
56) 4-Nitrophenol	15.291	139	40944	18.319	ng	#	6
58) Fluorene	15.937	166	165797	14.237	ng		98
71) Phenanthrene	17.677	178	886700	54.411	ng		98
72) Anthracene	17.765	178	141090	8.860	ng		99
73) Carbazole	18.023	167	74482	5.079	ng		98
75) Fluoranthene	19.662	202	646894	35.836	ng		100
78) Pyrene	20.021	202	586004	30.441	ng		99
81) Benzo(a)anthracene	21.895	228	277369	16.738	ng		98
83) Chrysene	21.895	228	277369	17.973	ng		94
87) Indeno(1,2,3-cd)pyrene	29.239	276	129937	6.961	ng	#	89
88) Benzo(b)fluoranthene	24.234	252	256368	16.085	ng	#	94
89) Benzo(k)fluoranthene	24.234	252	256368	15.882	ng	#	95
90) Benzo(a)pyrene	25.162	252	219595	16.052	ng	#	92
91) Dibenzo(a,h)anthracene	29.292	278	37948	2.481	ng	#	86
92) Benzo(g,h,i)perylene	30.467	276	130962	8.840	ng	#	85

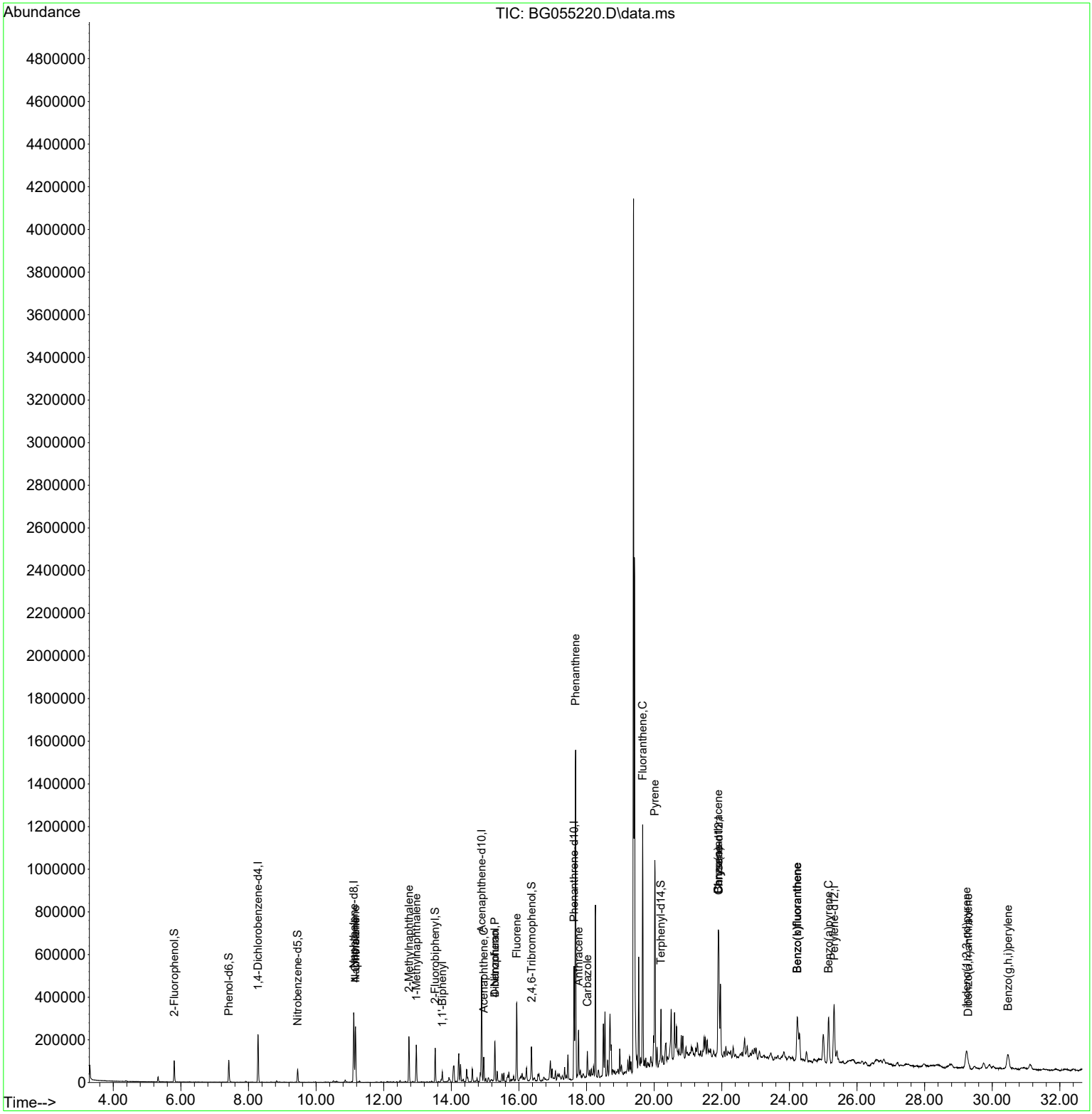
(#) = qualifier out of range (m) = manual integration (+) = signals summed

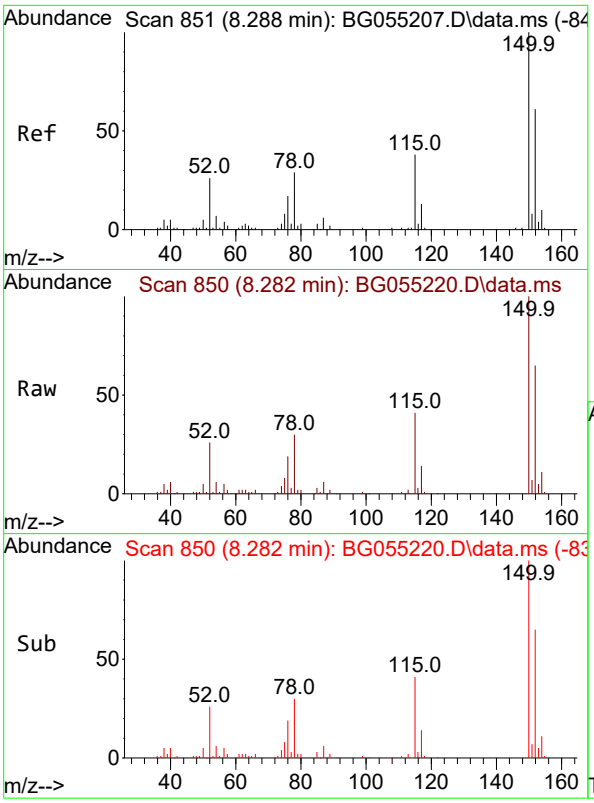
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055220.D
Acq On : 20 Oct 2022 13:43
Operator : CG/JU
Sample : N5172-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Quant Time: Oct 20 15:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration



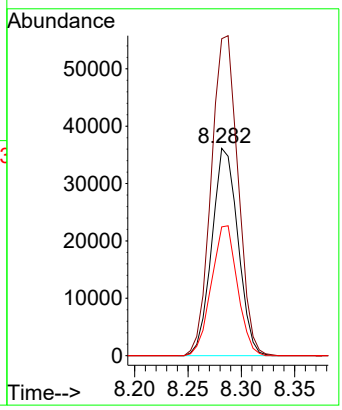


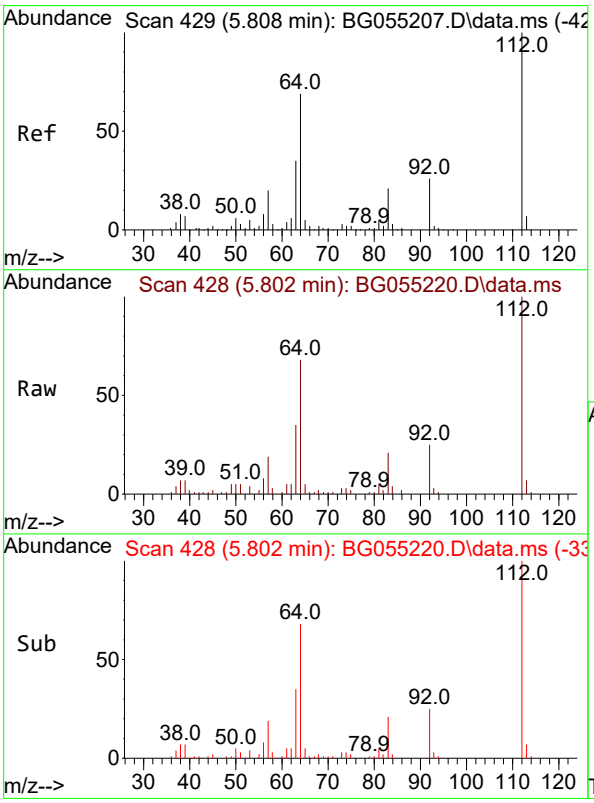
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.282 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:152 Resp: 61469

Ion	Ratio	Lower	Upper
152	100		
150	152.9	130.2	195.2
115	62.1	50.0	75.0

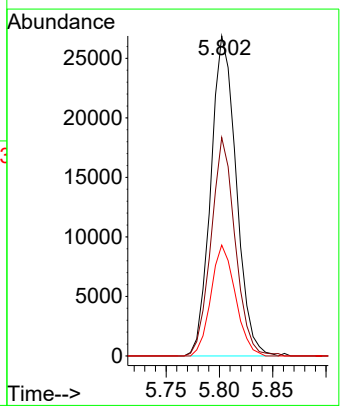


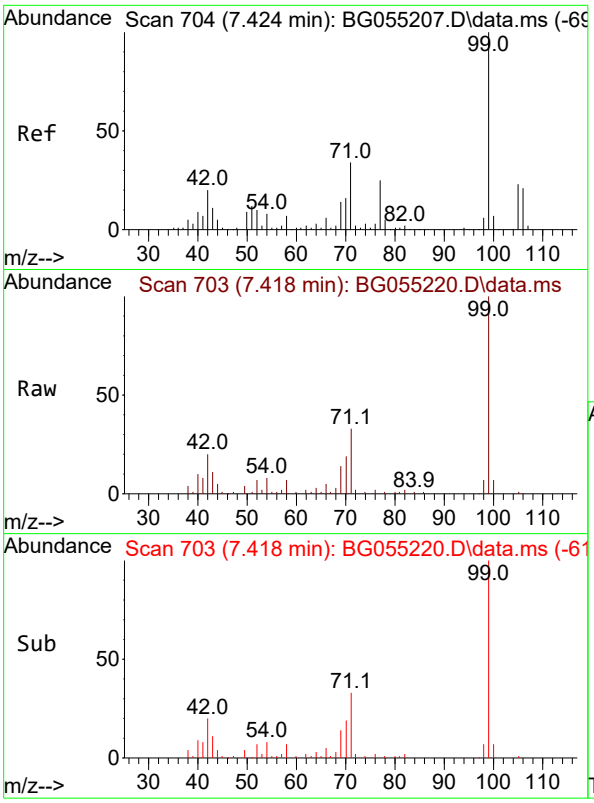


#5
2-Fluorophenol
Concen: 13.017 ng
RT: 5.802 min Scan# 428
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:112 Resp: 44473

Ion	Ratio	Lower	Upper
112	100		
64	68.3	55.1	82.7
63	34.7	27.8	41.6



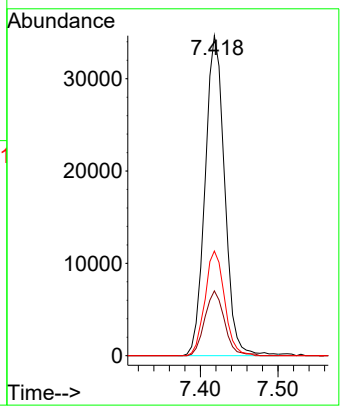


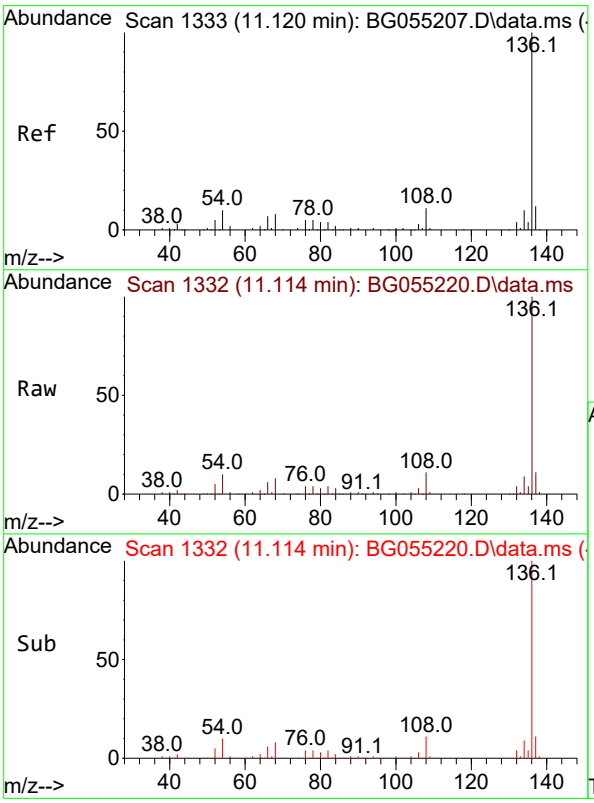
#7
Phenol-d6
Concen: 11.671 ng
RT: 7.418 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion: 99 Resp: 60760

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.4
71	32.7	27.3	40.9

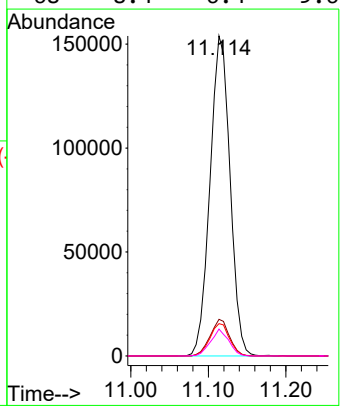


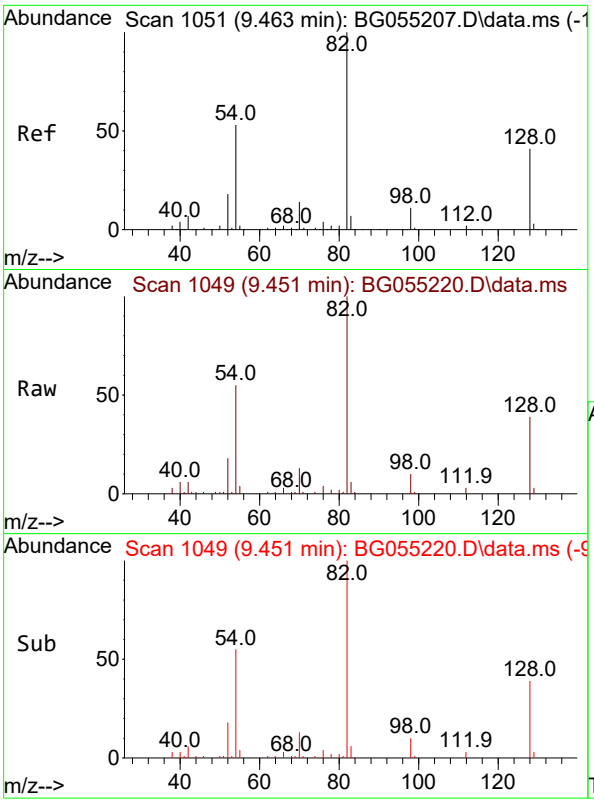


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.114 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:136 Resp: 276434

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	10.1	8.2	12.4
68	8.4	6.4	9.6



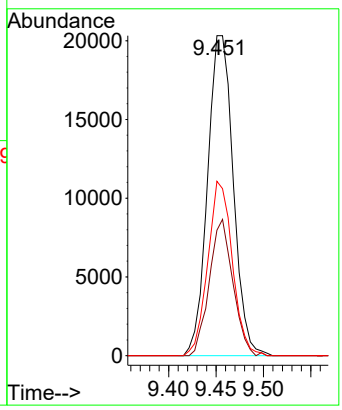


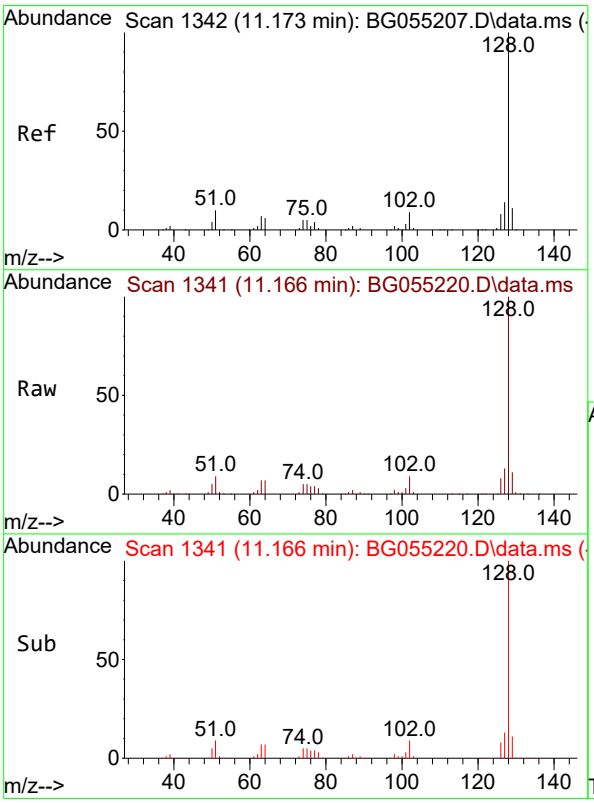
#23
Nitrobenzene-d5
Concen: 6.698 ng
RT: 9.451 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion: 82 Resp: 38350

Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.3	48.5
54	54.5	42.6	63.8

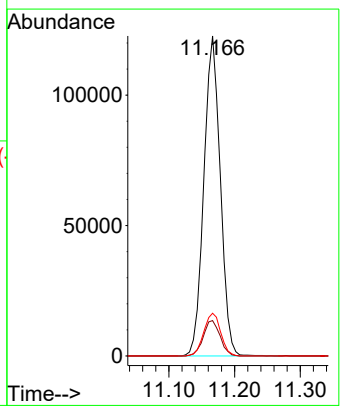


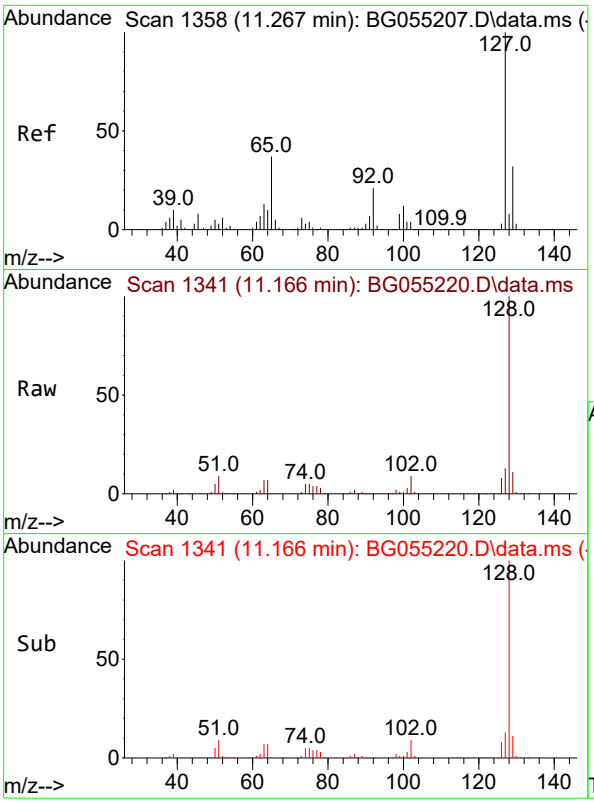


#31
Naphthalene
Concen: 14.676 ng
RT: 11.166 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:128 Resp: 214073

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	11.4	17.2



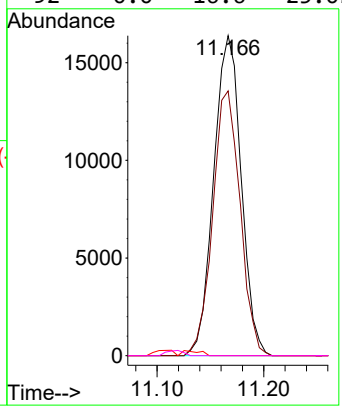


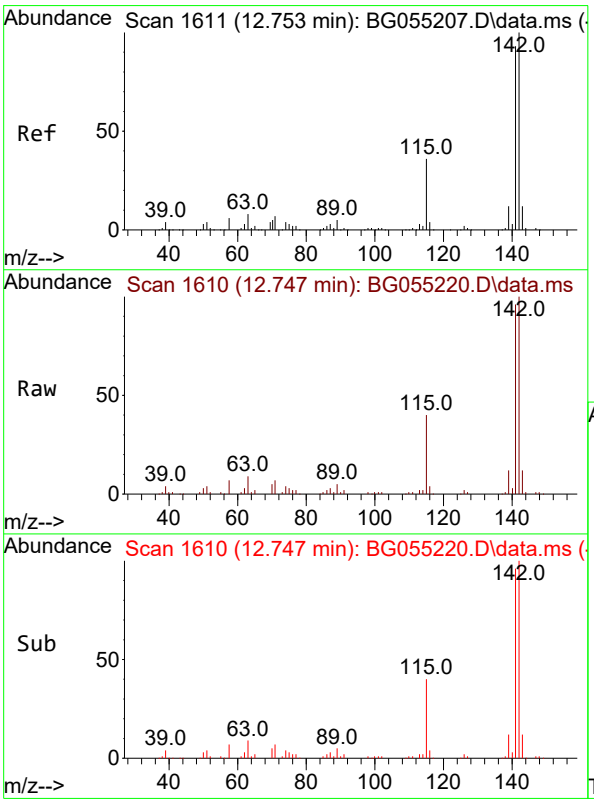
#33
4-Chloroaniline
Concen: 4.883 ng
RT: 11.166 min Scan# 1
Delta R.T. -0.100 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:127 Resp: 29332

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.8	38.8#
65	0.0	29.4	44.2#
92	0.0	16.6	25.0#

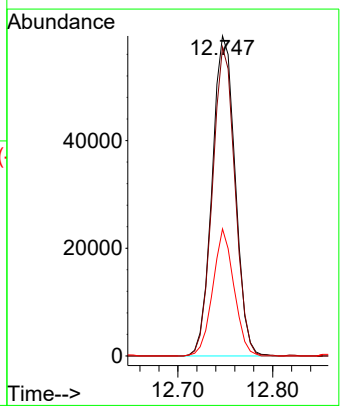


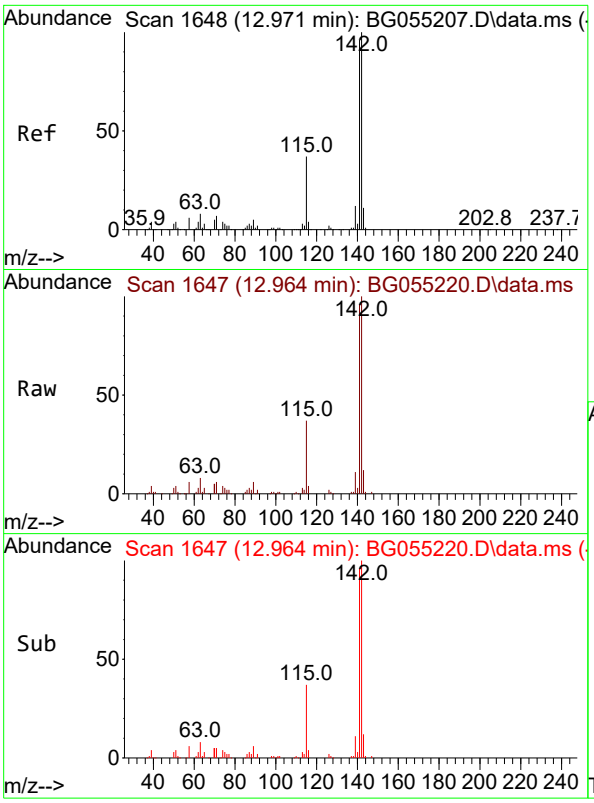


#37
2-Methylnaphthalene
Concen: 9.029 ng
RT: 12.747 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:142 Resp: 100177

Ion	Ratio	Lower	Upper
142	100		
141	96.5	74.8	112.2
115	39.7	28.6	43.0



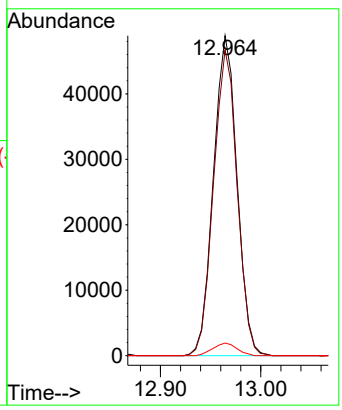


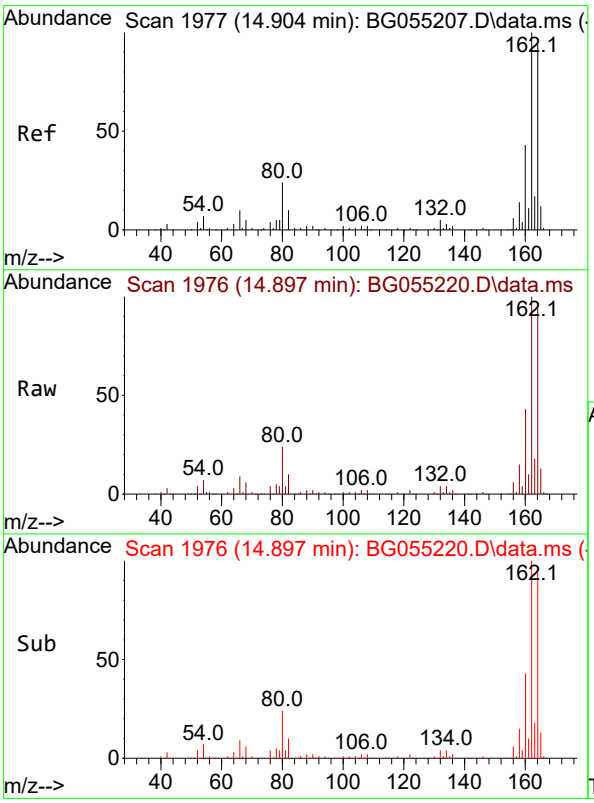
#38
1-Methylnaphthalene
Concen: 7.277 ng
RT: 12.964 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:142 Resp: 79706

Ion	Ratio	Lower	Upper
142	100		
141	95.5	77.0	115.4
116	3.9	3.0	4.4

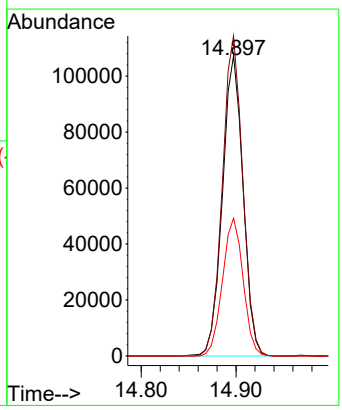


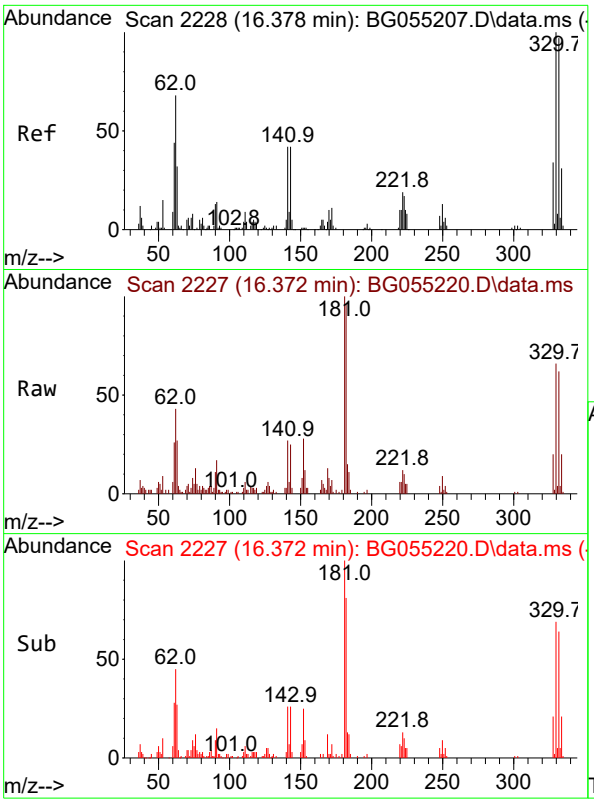


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.007 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:164 Resp: 161686

Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.2	127.8
160	45.9	36.4	54.6



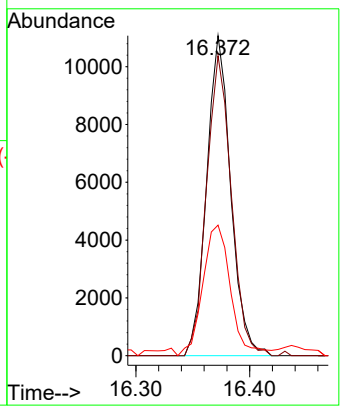


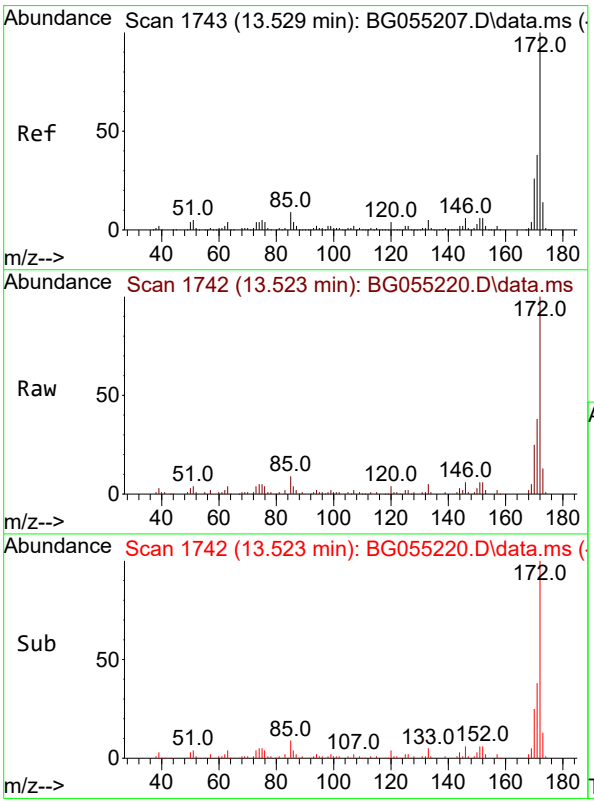
#42
2,4,6-Tribromophenol
Concen: 9.739 ng
RT: 16.372 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:330 Resp: 16316

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	47.1	33.5	50.3

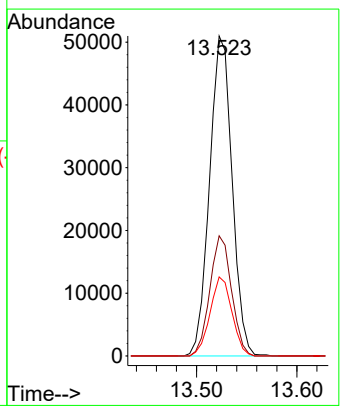


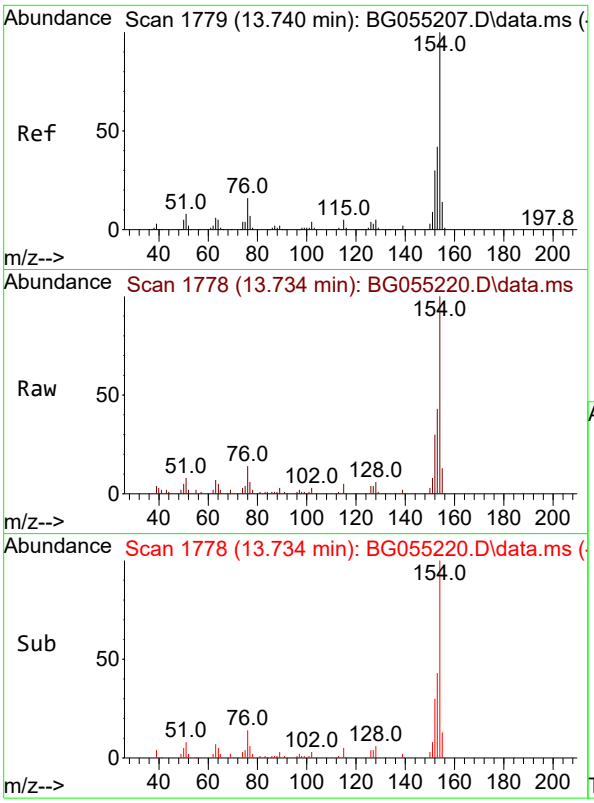


#45
2-Fluorobiphenyl
Concen: 7.863 ng
RT: 13.523 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:172 Resp: 79593

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.3	45.5
170	24.7	20.6	30.8



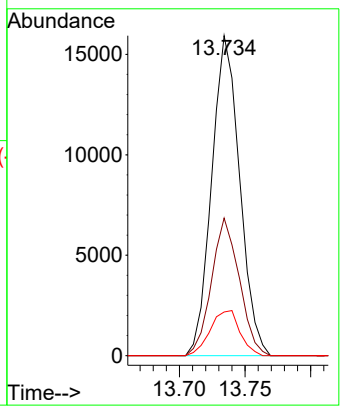


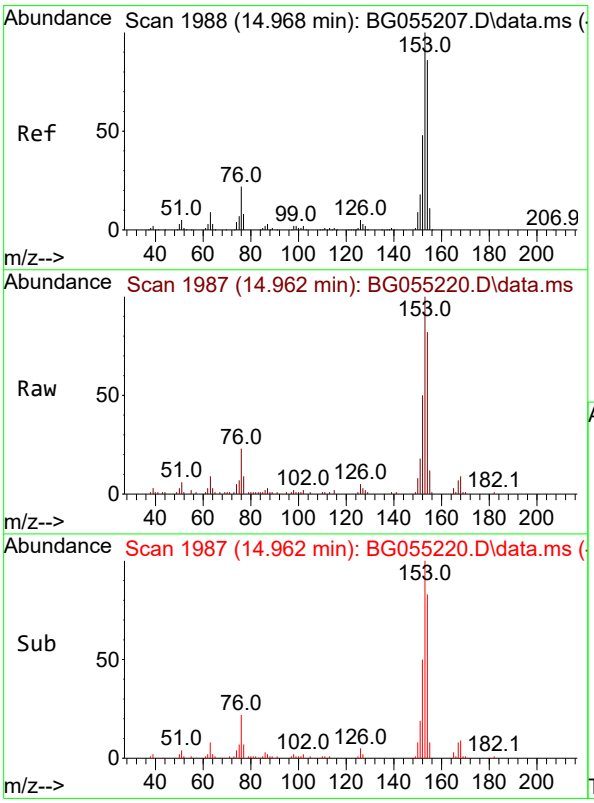
#46
1,1'-Biphenyl
Concen: 2.062 ng
RT: 13.734 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:154 Resp: 23606

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.6	0.0	35.8

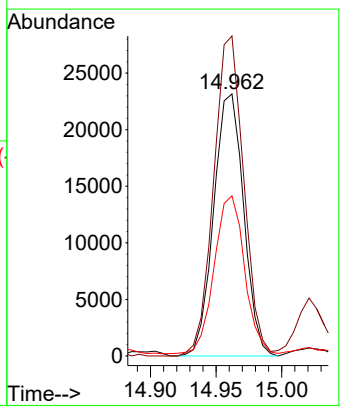


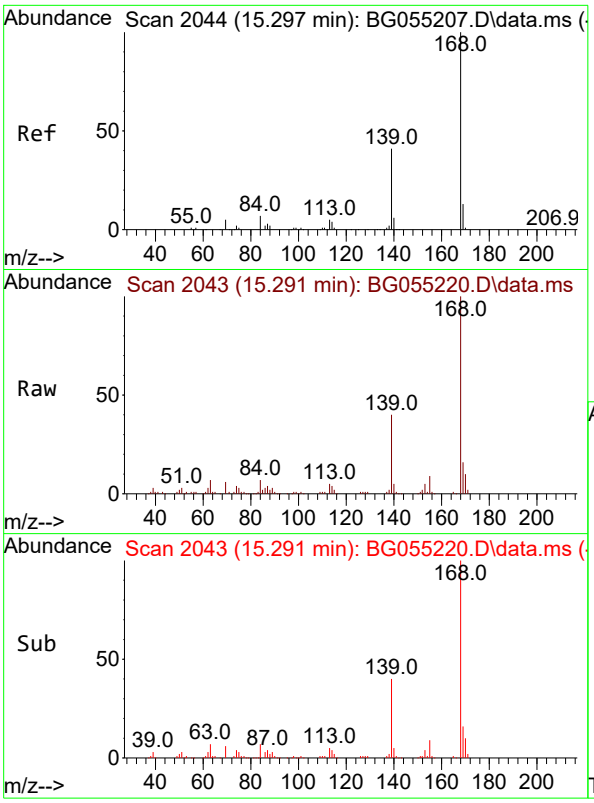


#52
Acenaphthene
Concen: 3.832 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:154 Resp: 36788

Ion	Ratio	Lower	Upper
154	100		
153	122.1	93.3	139.9
152	61.1	45.1	67.7



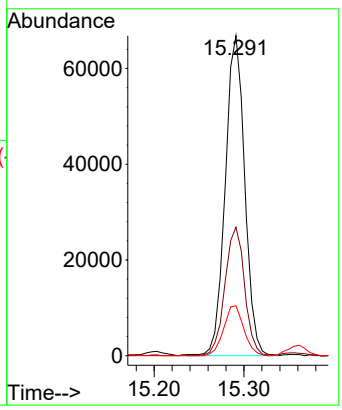


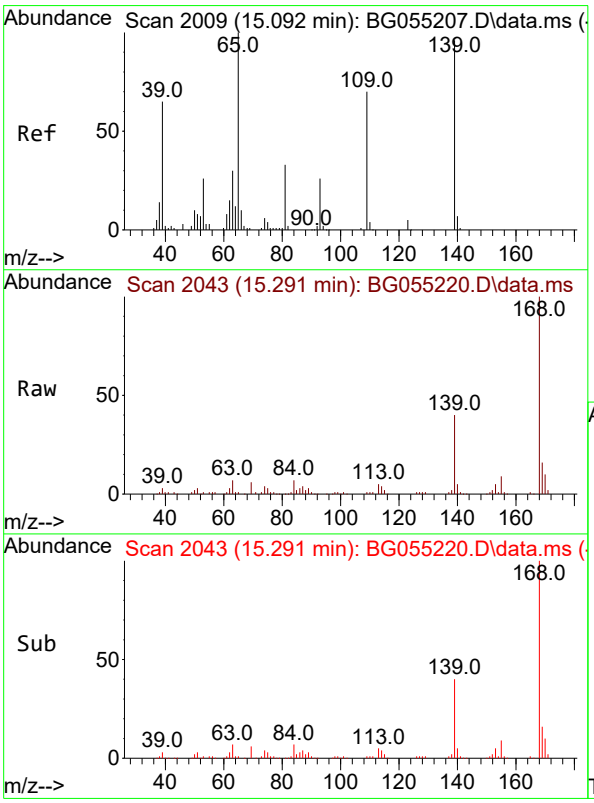
#55
Dibenzofuran
Concen: 7.277 ng
RT: 15.291 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:168 Resp: 100634

Ion	Ratio	Lower	Upper
168	100		
139	40.1	32.6	48.8
169	15.6	10.7	16.1

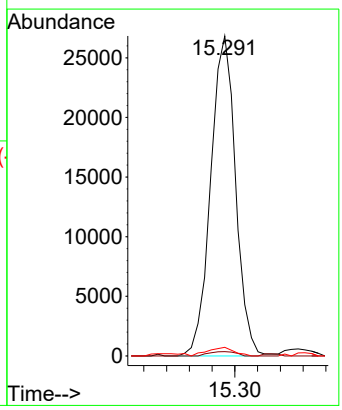


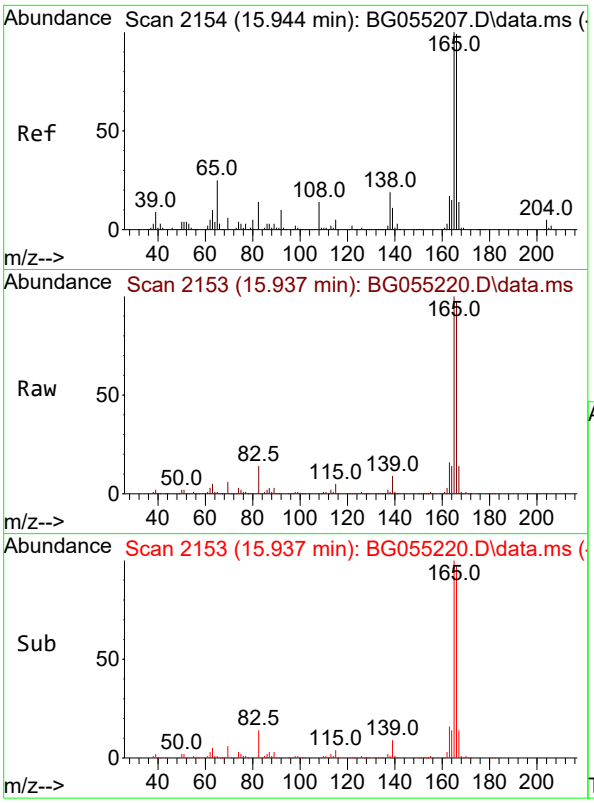


#56
4-Nitrophenol
Concen: 18.319 ng
RT: 15.291 min Scan# 2043
Delta R.T. 0.199 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:139 Resp: 40944

Ion	Ratio	Lower	Upper
139	100		
109	1.4	53.0	93.0#
65	2.7	84.8	124.8#



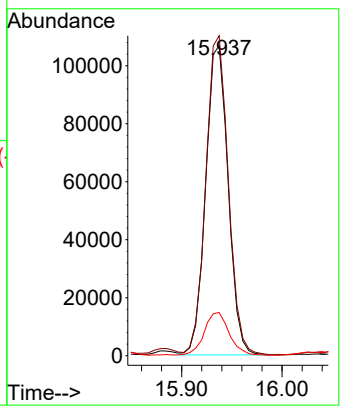


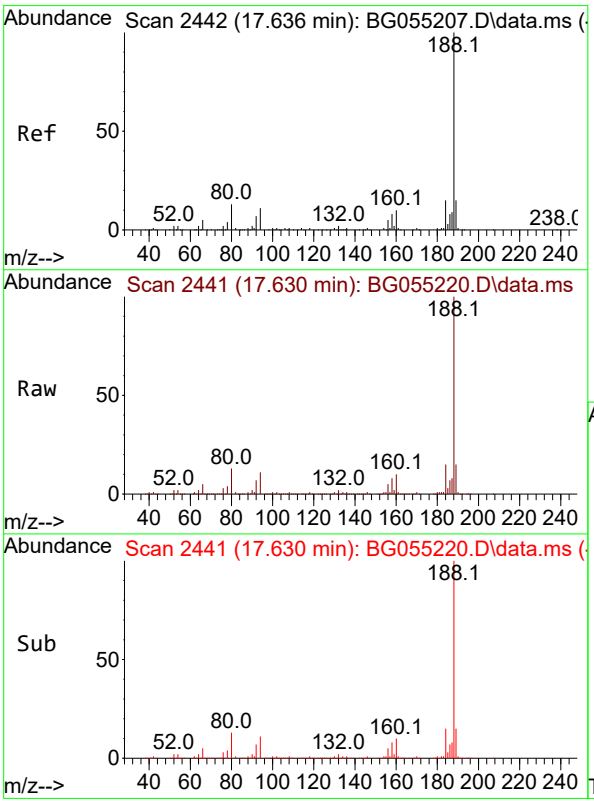
#58
Fluorene
Concen: 14.237 ng
RT: 15.937 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:166 Resp: 165797

Ion	Ratio	Lower	Upper
166	100		
165	103.2	81.0	121.6
167	14.0	11.0	16.4

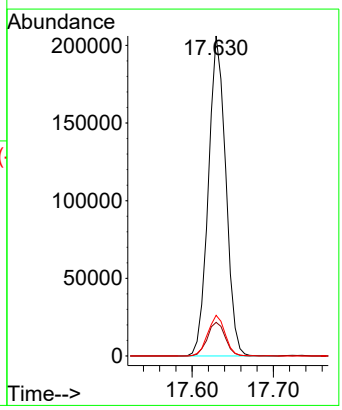


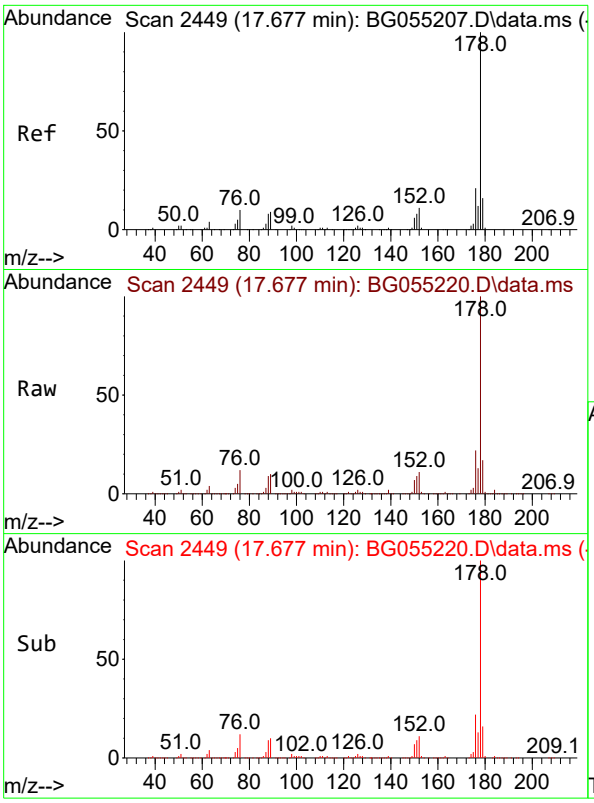


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:188 Resp: 305392

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	12.8
80	12.7	10.4	15.6



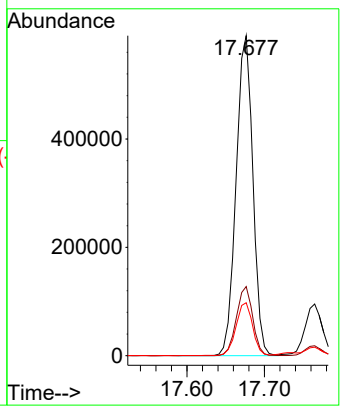


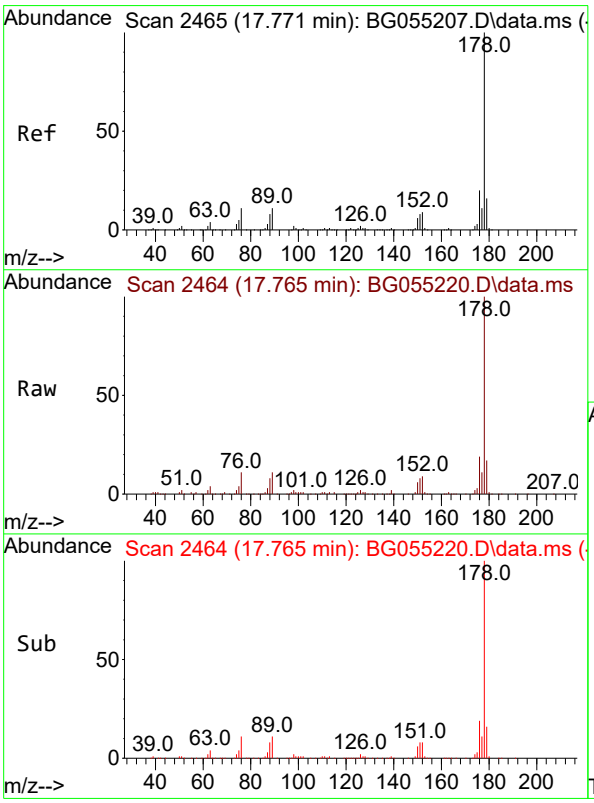
#71
Phenanthrene
Concen: 54.411 ng
RT: 17.677 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:178 Resp: 886700

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.4	24.6
179	16.5	12.8	19.2

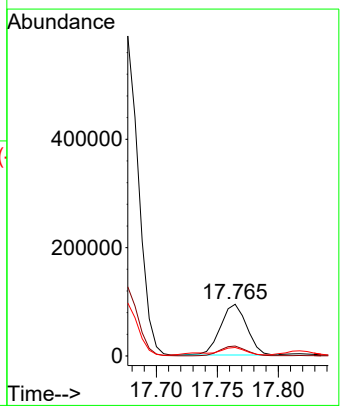


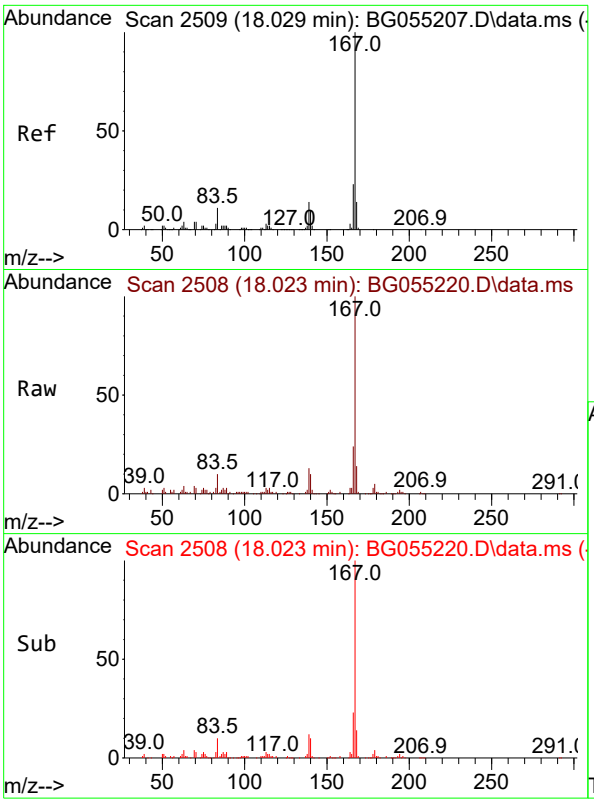


#72
Anthracene
Concen: 8.860 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:178 Resp: 141090

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	16.5	13.0	19.4



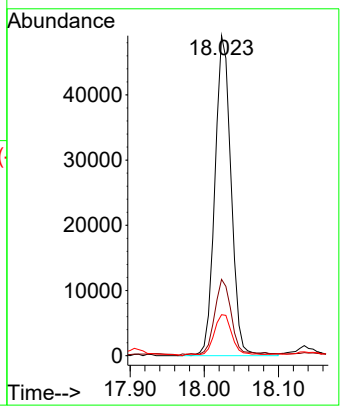


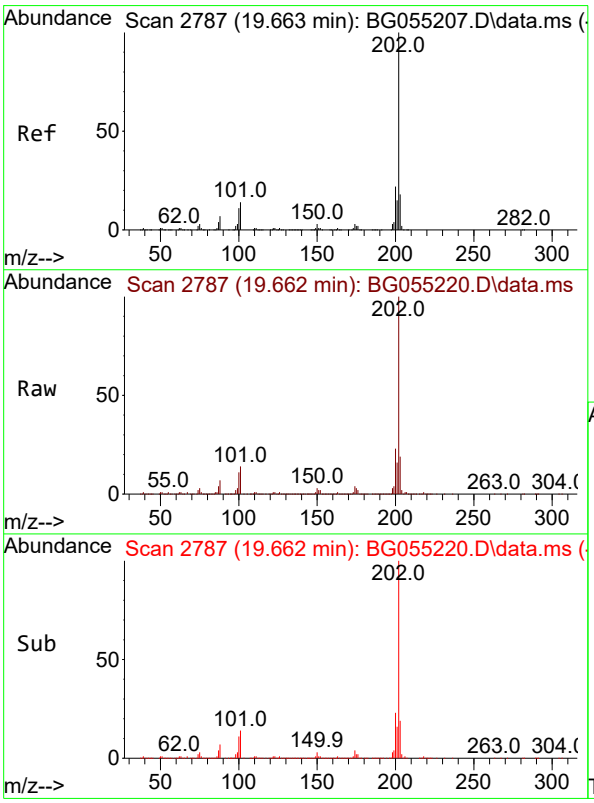
#73
Carbazole
Concen: 5.079 ng
RT: 18.023 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:167 Resp: 74482

Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.5	27.7
139	12.8	11.3	16.9

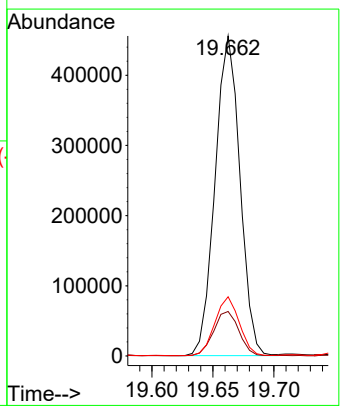


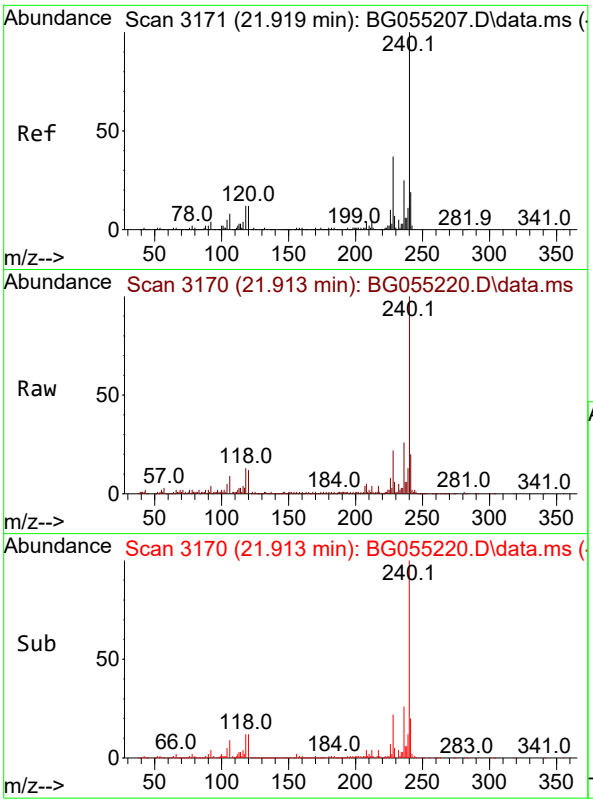


#75
Fluoranthene
Concen: 35.836 ng
RT: 19.662 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:202 Resp: 646894

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.2
203	18.5	0.0	38.5



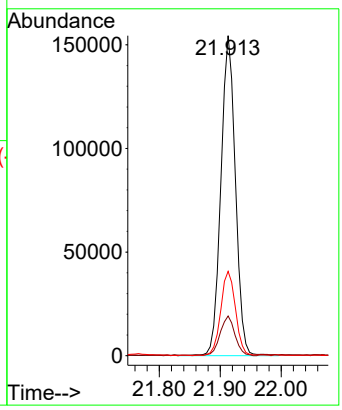


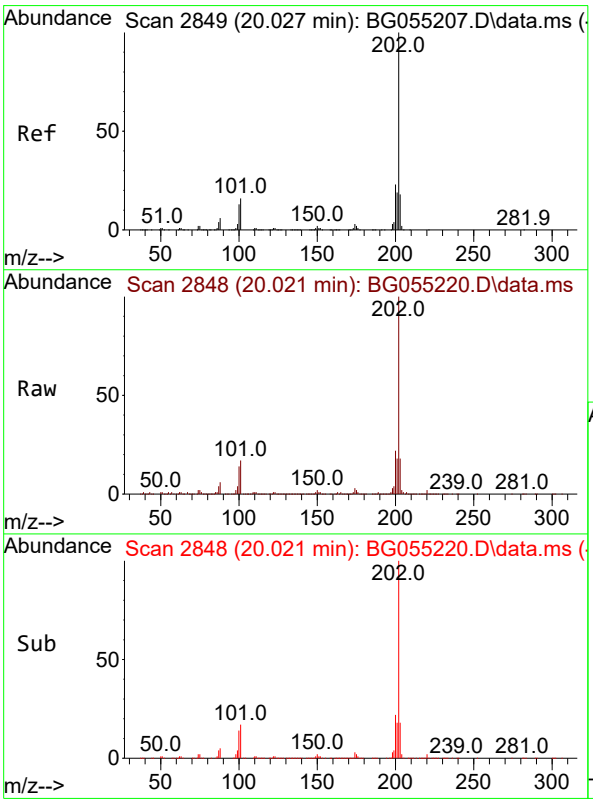
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:240 Resp: 255480

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.2	13.8
236	26.4	20.4	30.6

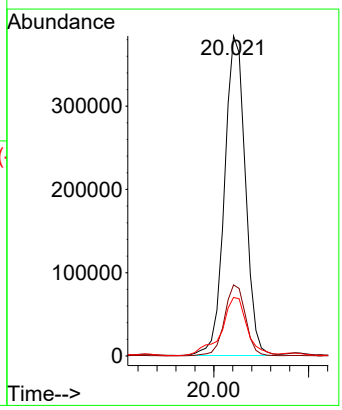


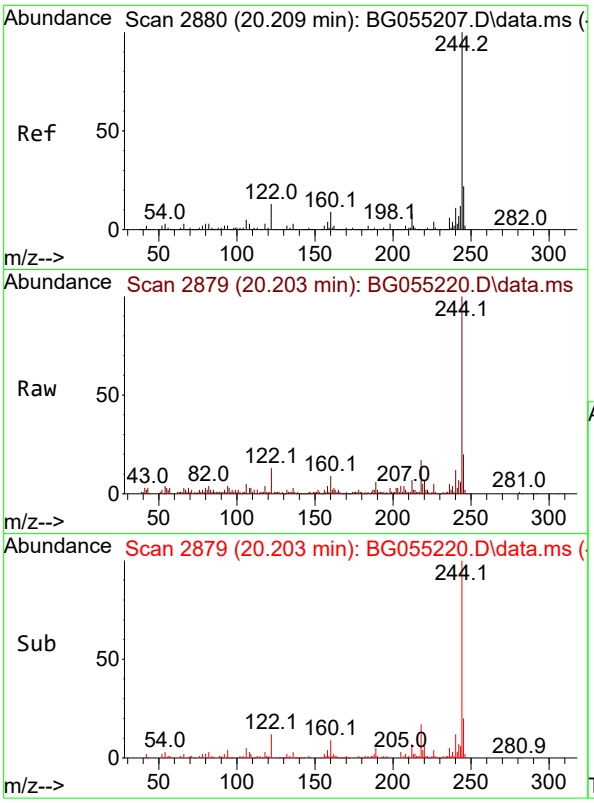


#78
Pyrene
Concen: 30.441 ng
RT: 20.021 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:202 Resp: 586004

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.2
203	18.3	14.6	22.0



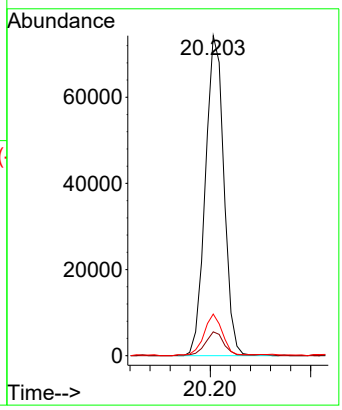


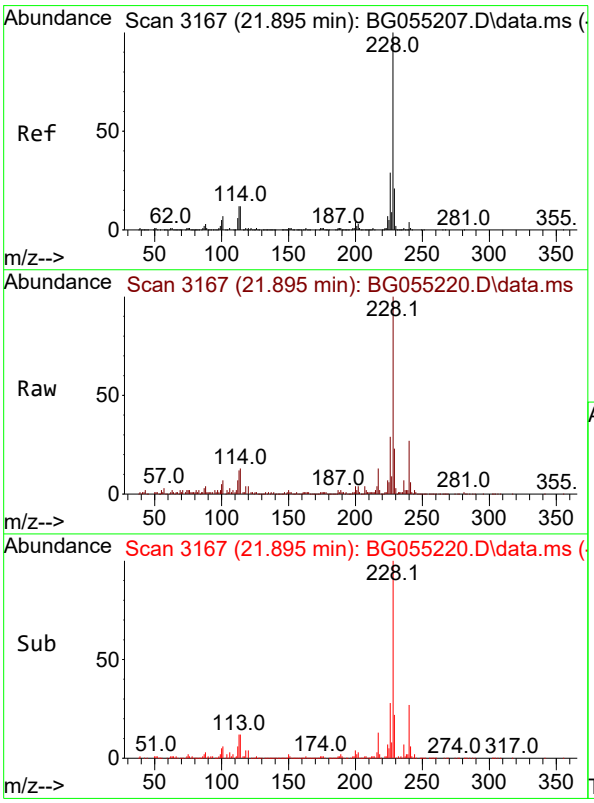
#79
Terphenyl-d14
Concen: 6.955 ng
RT: 20.203 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:244 Resp: 95361

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	13.0	10.0	15.0

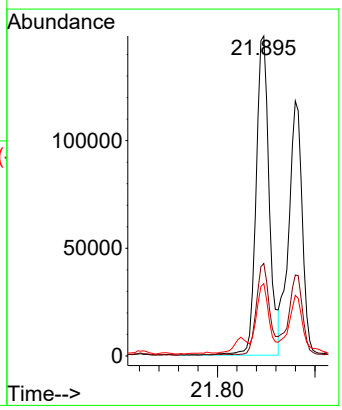


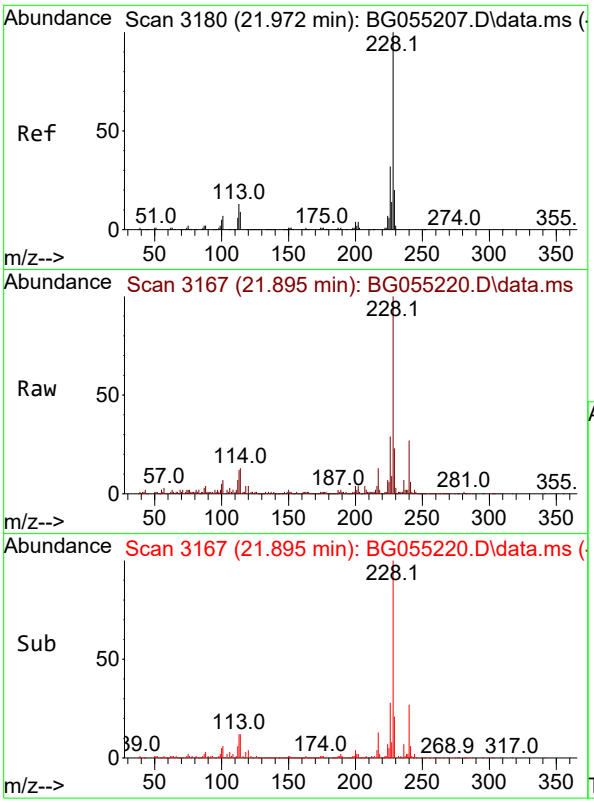


#81
Benzo(a)anthracene
Concen: 16.738 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:228 Resp: 277369

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	22.6	16.5	24.7



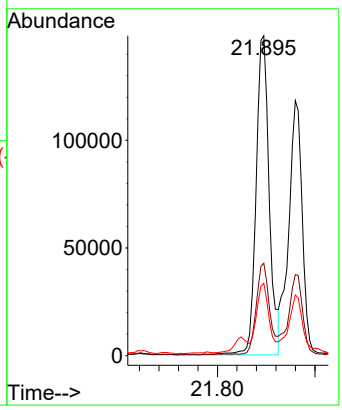


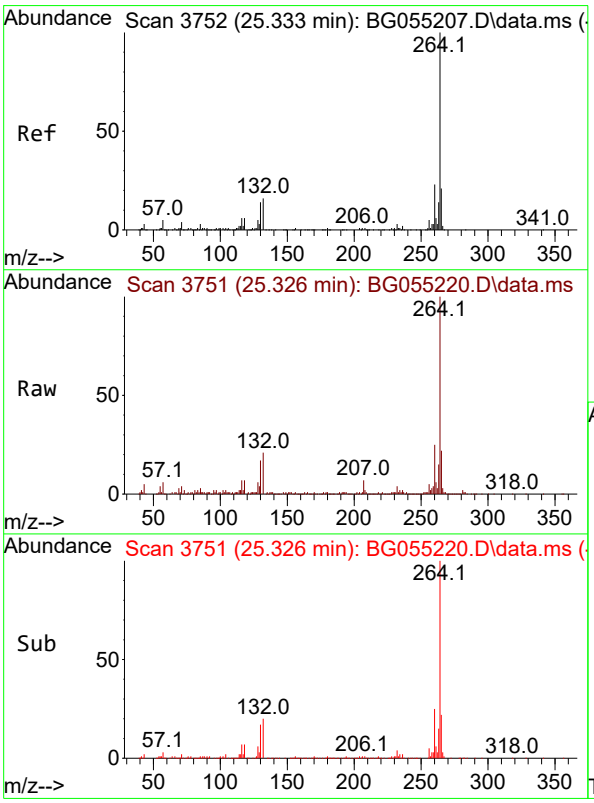
#83
Chrysene
Concen: 17.973 ng
RT: 21.895 min Scan# 3
Delta R.T. -0.077 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:228 Resp: 277369

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.4	38.2
229	22.6	15.8	23.8

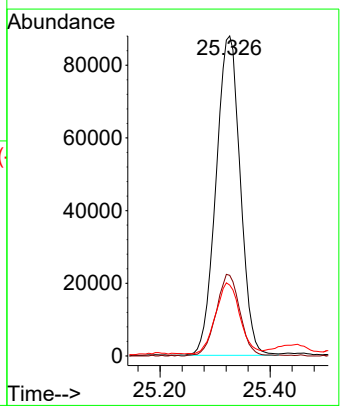


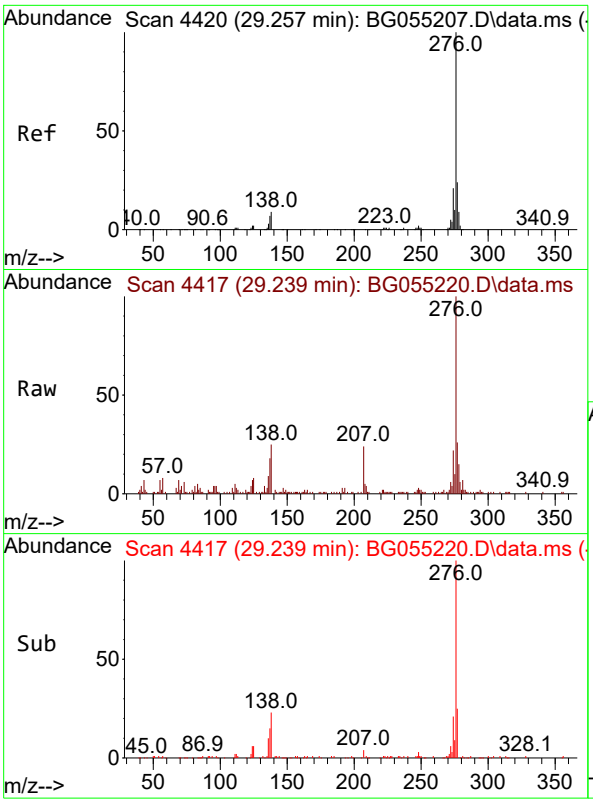


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.326 min Scan# 3751
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:264 Resp: 268398

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.2	17.1	25.7



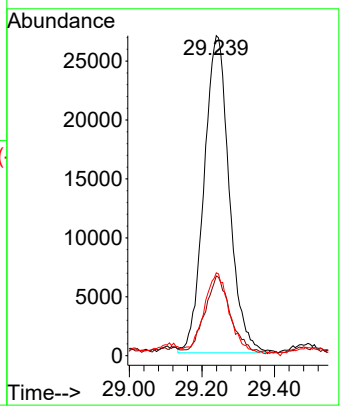


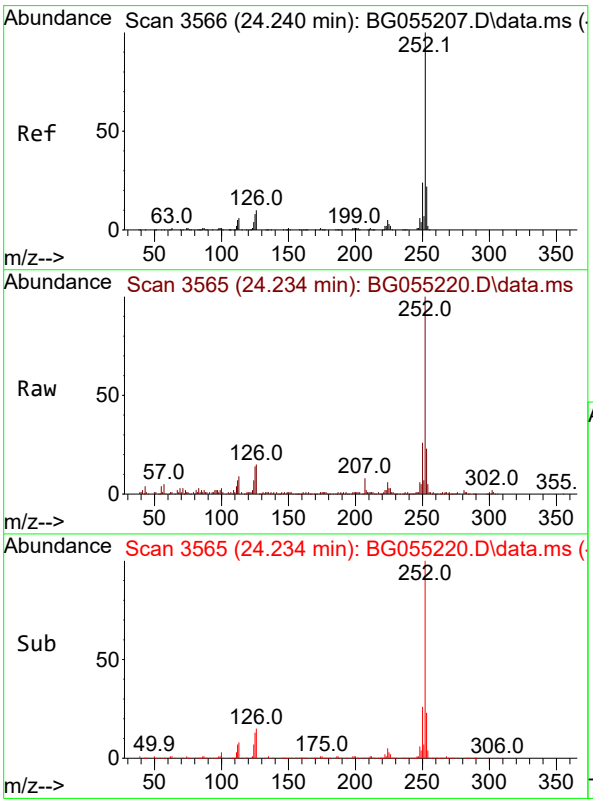
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.961 ng
RT: 29.239 min Scan# 4
Delta R.T. -0.018 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:276 Resp: 129937

Ion	Ratio	Lower	Upper
276	100		
138	25.1	9.5	14.3#
277	26.0	20.5	30.7

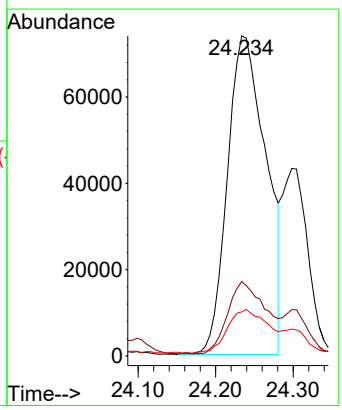


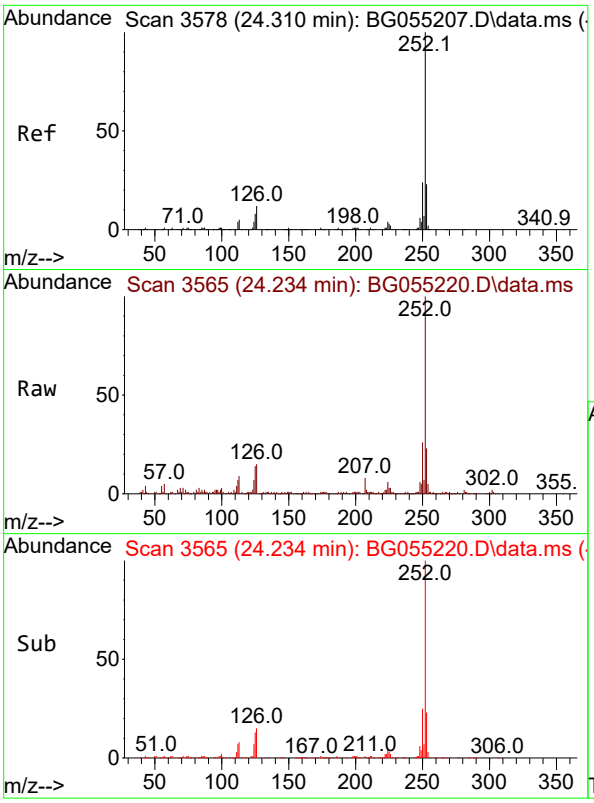


#88
Benzo(b)fluoranthene
Concen: 16.085 ng
RT: 24.234 min Scan# 3565
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:252 Resp: 256368

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	13.8	6.2	9.2#



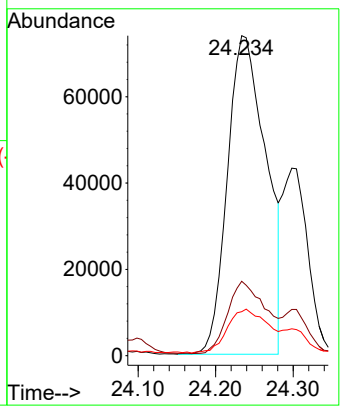


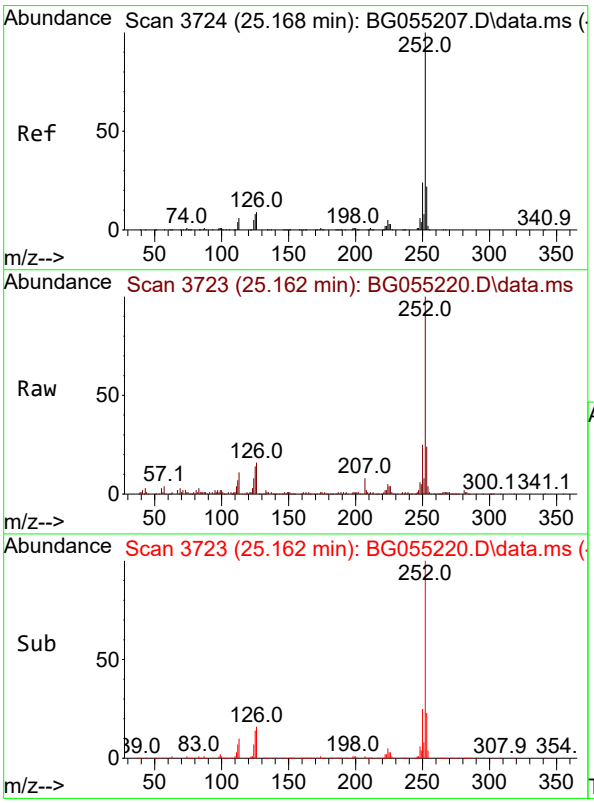
#89
Benzo(k)fluoranthene
Concen: 15.882 ng
RT: 24.234 min Scan# 3
Delta R.T. -0.077 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:252 Resp: 256368

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	13.8	6.5	9.7#

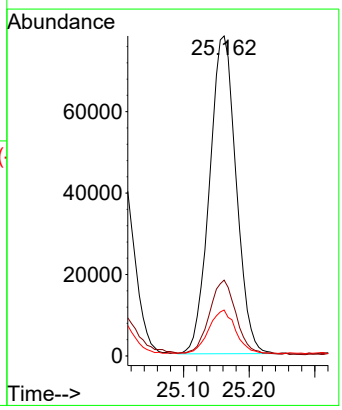


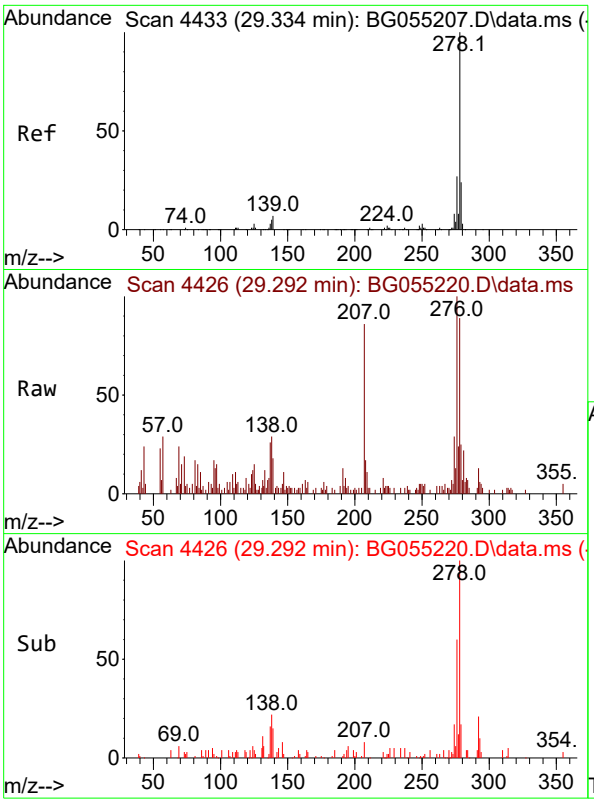


#90
Benzo(a)pyrene
Concen: 16.052 ng
RT: 25.162 min Scan# 3723
Delta R.T. -0.006 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:252 Resp: 219595

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	14.4	6.2	9.2#



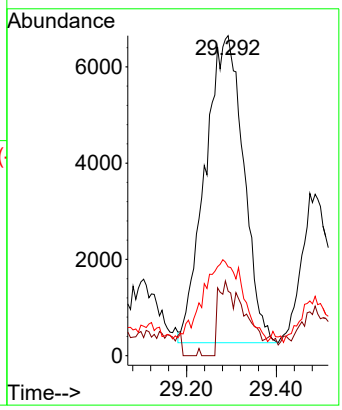


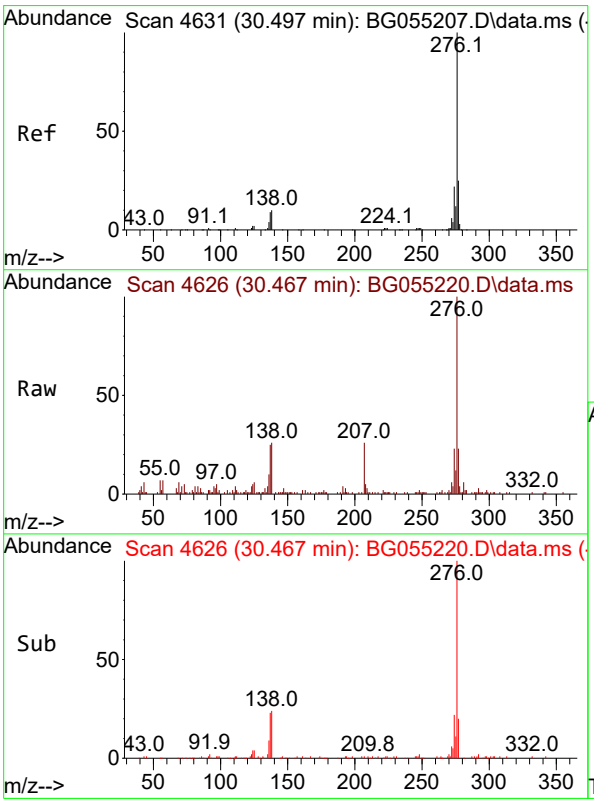
#91
Dibenzo(a,h)anthracene
Concen: 2.481 ng
RT: 29.292 min Scan# 4
Delta R.T. -0.041 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Tgt Ion:278 Resp: 37948

Ion	Ratio	Lower	Upper
278	100		
139	20.2	5.6	8.4#
279	27.8	19.5	29.3





#92
Benzo(g,h,i)perylene
Concen: 8.840 ng
RT: 30.467 min Scan# 4626
Delta R.T. -0.030 min
Lab File: BG055220.D
Acq: 20 Oct 2022 13:43

Tgt Ion:276 Resp: 130962

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.7	29.5
138	26.0	8.0	12.0#