Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055730.D
Acq On : 22 Nov 2022 1:14
Operator : CG/JU
Sample : N5697-01DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Quant Time: Nov 22 02:10:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.242	152	49604	20.000	ng		-0.01
21) Naphthalene-d8	11.074	136	228283	20.000	ng		-0.01
39) Acenaphthene-d10	14.869	164	155062	20.000	ng		0.00
64) Phenanthrene-d10	17.607	188	318077	20.000	ng		-0.01
76) Chrysene-d12	21.908	240	298515	20.000	ng		-0.01
86) Perylene-d12	25.316	264	322772	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.774	112	23019	8.388	ng		0.00
7) Phenol-d6	7.390	99	33385	9.139	ng		0.00
23) Nitrobenzene-d5	9.411	82	20518	4.751	ng		-0.02
42) 2,4,6-Tribromophenol	16.350	330	14706	6.735	ng		0.00
45) 2-Fluorobiphenyl	13.489	172	54706	5.285	ng		-0.01
79) Terphenyl-d14	20.193	244	83132	5.570	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	11.121	128	54517	4.418	ng		98
37) 2-Methylnaphthalene	12.713	142	82830	8.964	ng		98
38) 1-Methylnaphthalene	12.931	142	62191	6.933	ng		100
52) Acenaphthene	14.928	154	54342	5.749	ng		100
55) Dibenzofuran	15.263	168	43654	2.994	ng	#	92
58) Fluorene	15.909	166	118102	10.141	ng		93
71) Phenanthrene	17.654	178	870660	50.724	ng		100
72) Anthracene	17.743	178	285004	17.089	ng		100
75) Fluoranthene	19.652	202	640047	30.650	ng		99
78) Pyrene	20.011	202	815207	40.345	ng		98
81) Benzo(a)anthracene	21.885	228	359281	17.474	ng		98
83) Chrysene	21.955	228	318273	16.260	ng		99
87) Indeno(1,2,3-cd)pyrene	29.229	276	132945	5.028	ng	#	95
88) Benzo(b)fluoranthene	24.229	252	286168	13.614	ng		98
89) Benzo(k)fluoranthene	24.229	252	286168	13.657	ng		97
90) Benzo(a)pyrene	25.152	252	276674	15.338	ng		98
92) Benzo(g,h,i)perylene	30.463	276	140738	6.462	ng		99

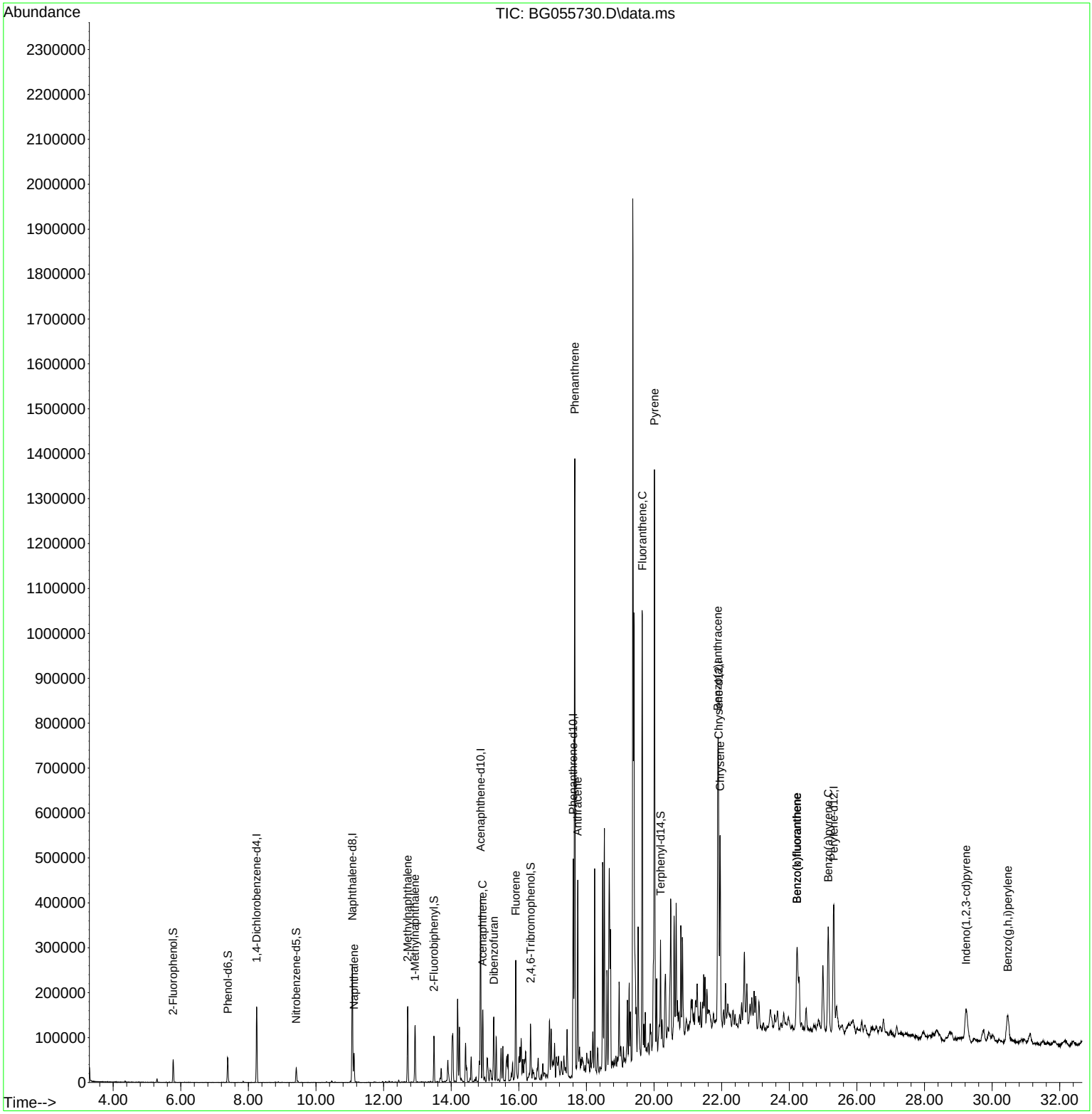
(#) = qualifier out of range (m) = manual integration (+) = signals summed

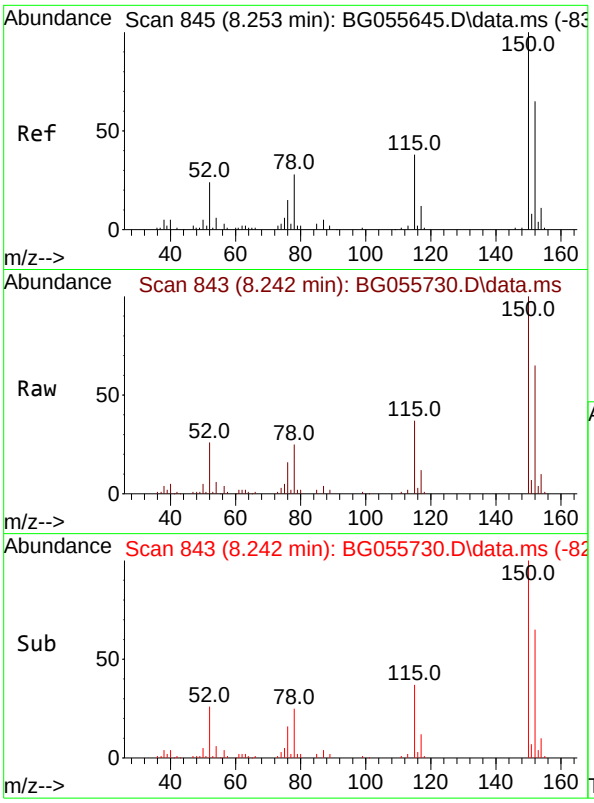
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055730.D
Acq On : 22 Nov 2022 1:14
Operator : CG/JU
Sample : N5697-01DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Quant Time: Nov 22 02:10:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration



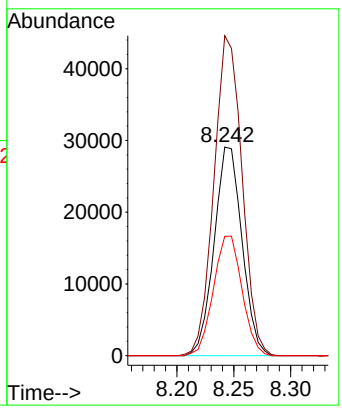


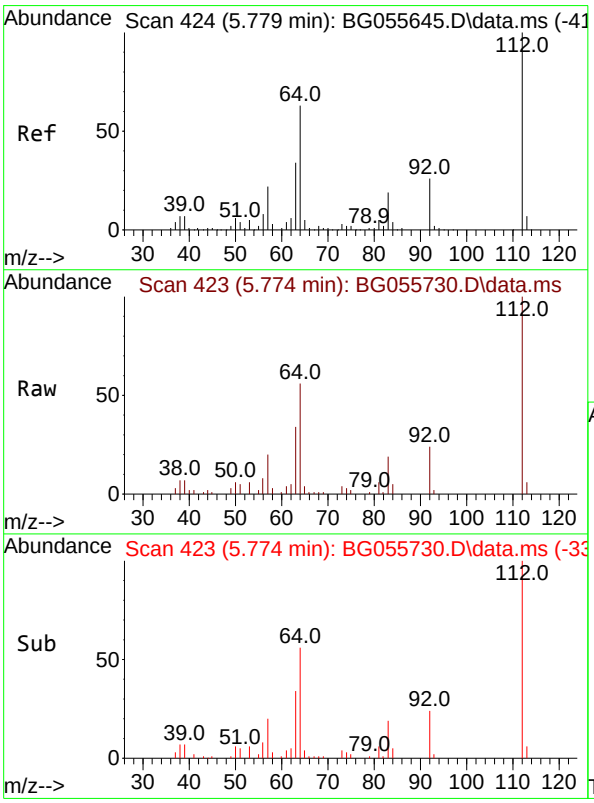
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:152 Resp: 49604

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.0	184.6
115	57.2	47.0	70.4

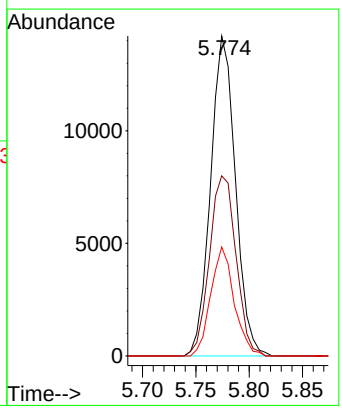


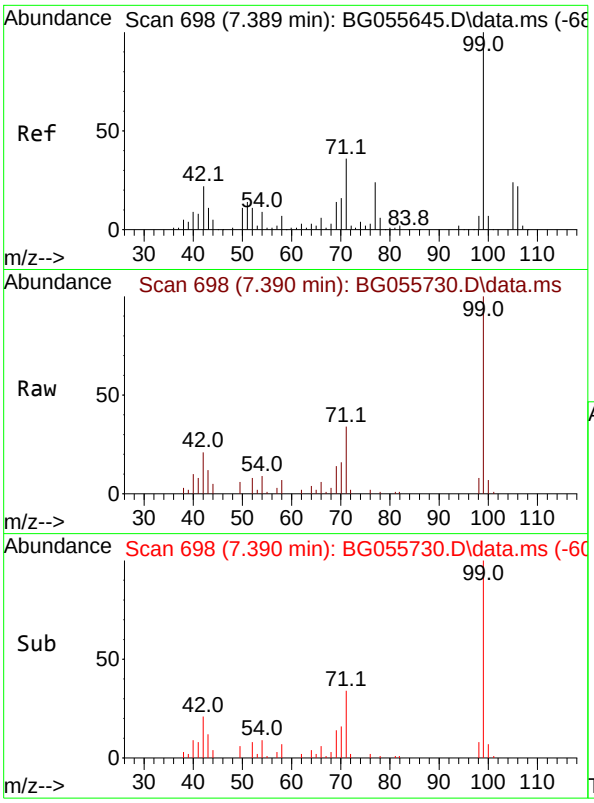


#5
2-Fluorophenol
Concen: 8.388 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:112 Resp: 23019

Ion	Ratio	Lower	Upper
112	100		
64	56.3	50.6	76.0
63	34.1	27.5	41.3



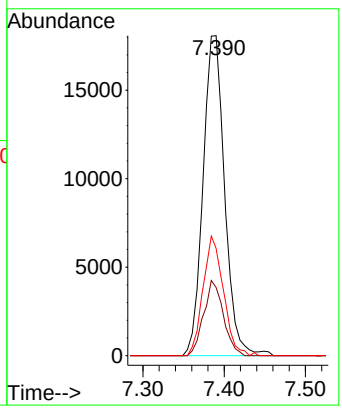


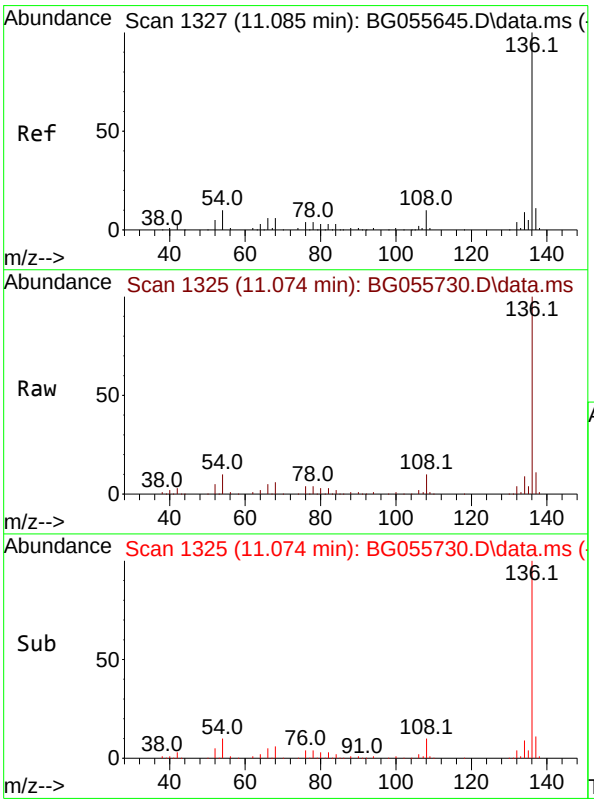
#7
Phenol-d6
Concen: 9.139 ng
RT: 7.390 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion: 99 Resp: 33385

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.0	27.0
71	33.5	29.0	43.6

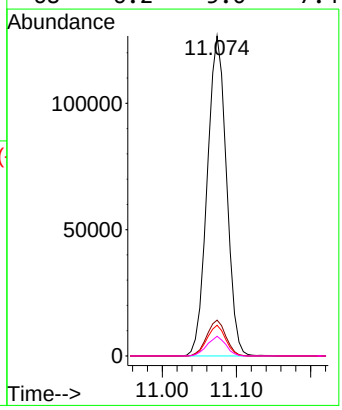


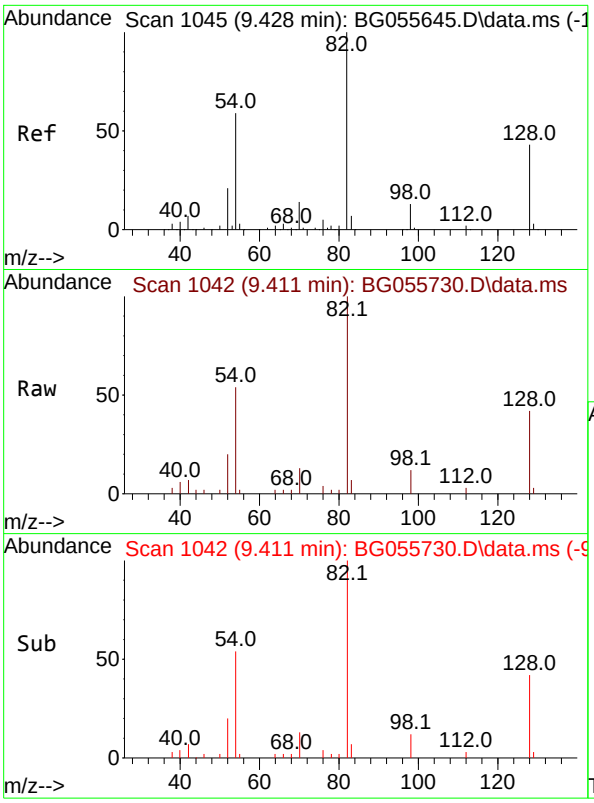


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:136 Resp: 228283

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.6	7.8	11.6
68	6.2	5.0	7.4



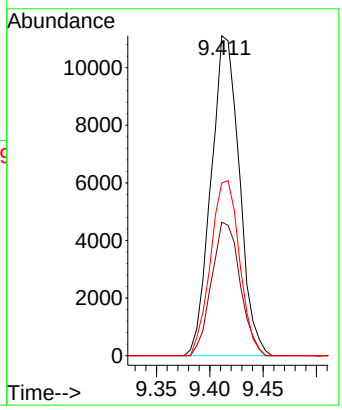


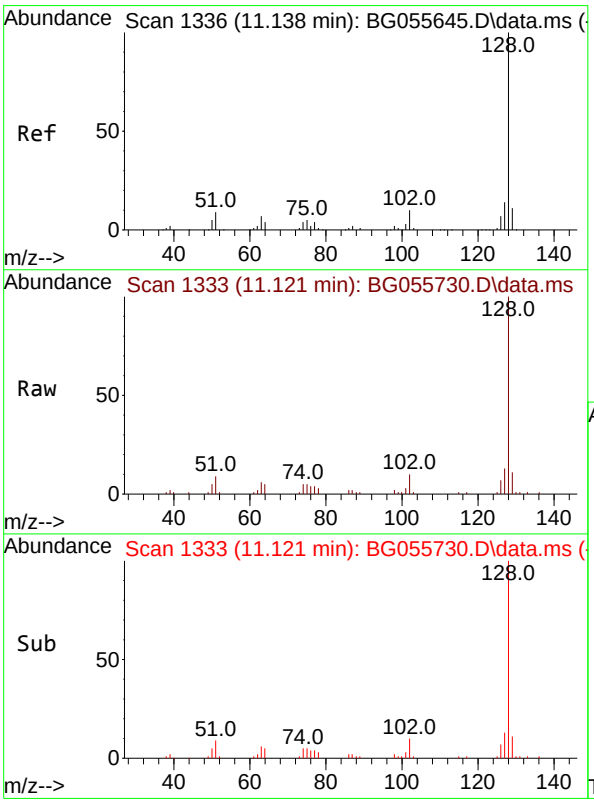
#23
Nitrobenzene-d5
Concen: 4.751 ng
RT: 9.411 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion: 82 Resp: 20518

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.1	51.1
54	53.9	47.3	70.9

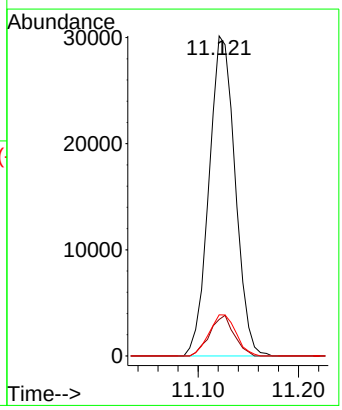


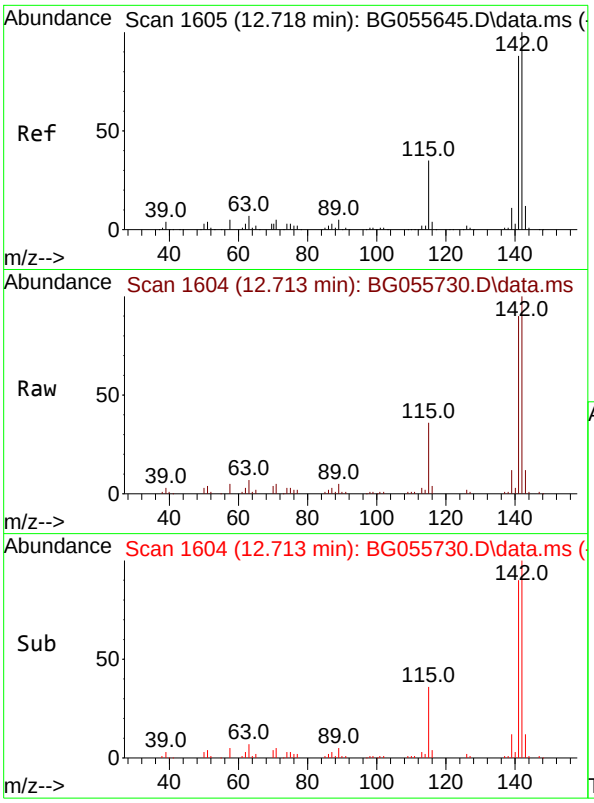


#31
Naphthalene
Concen: 4.418 ng
RT: 11.121 min Scan# 1333
Delta R.T. -0.017 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:128 Resp: 54517

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	12.8	10.9	16.3



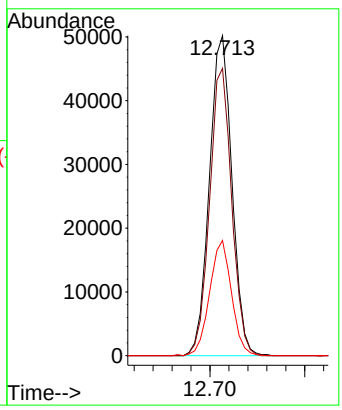


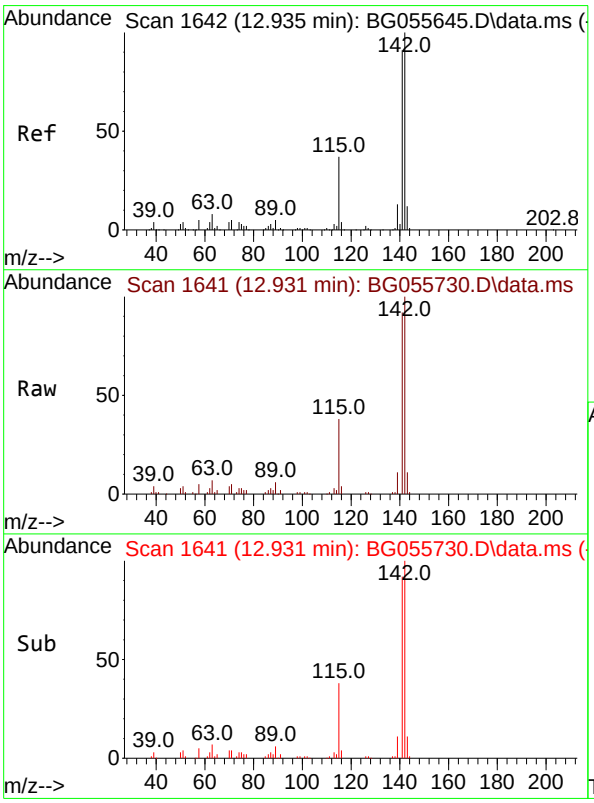
#37
2-Methylnaphthalene
Concen: 8.964 ng
RT: 12.713 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:142 Resp: 82830

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	36.0	27.9	41.9

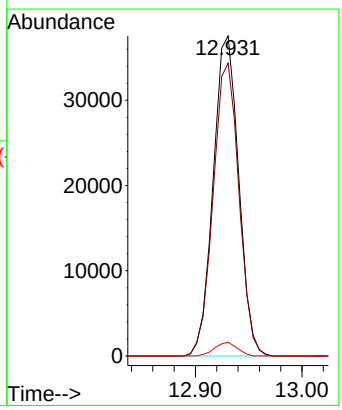


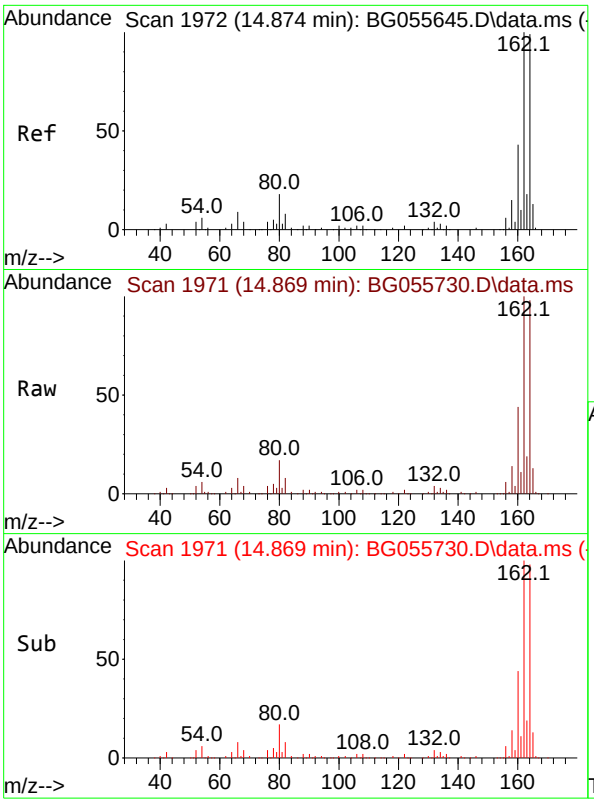


#38
1-Methylnaphthalene
Concen: 6.933 ng
RT: 12.931 min Scan# 1641
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:142 Resp: 62191

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4
116	4.3	3.1	4.7



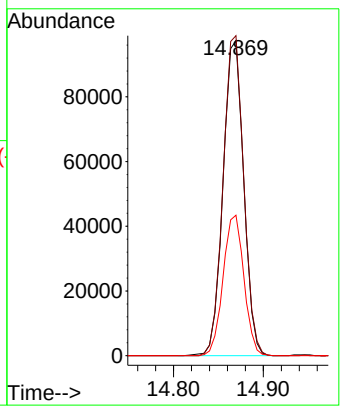


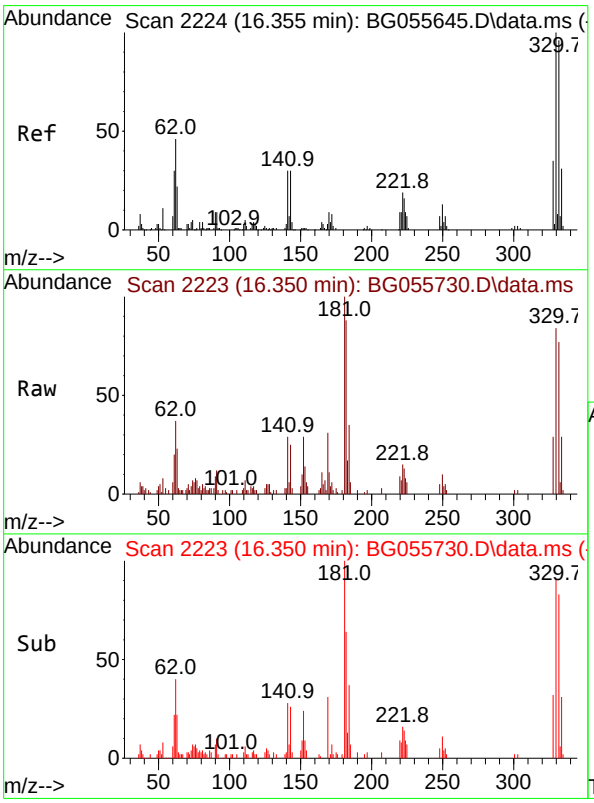
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:164 Resp: 155062

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.1	121.7
160	44.6	34.8	52.2

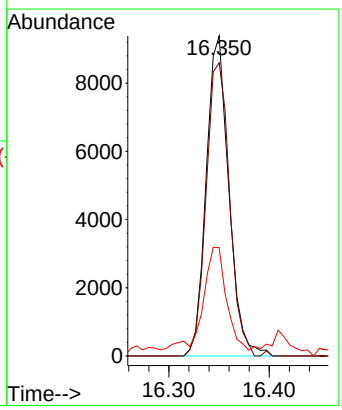


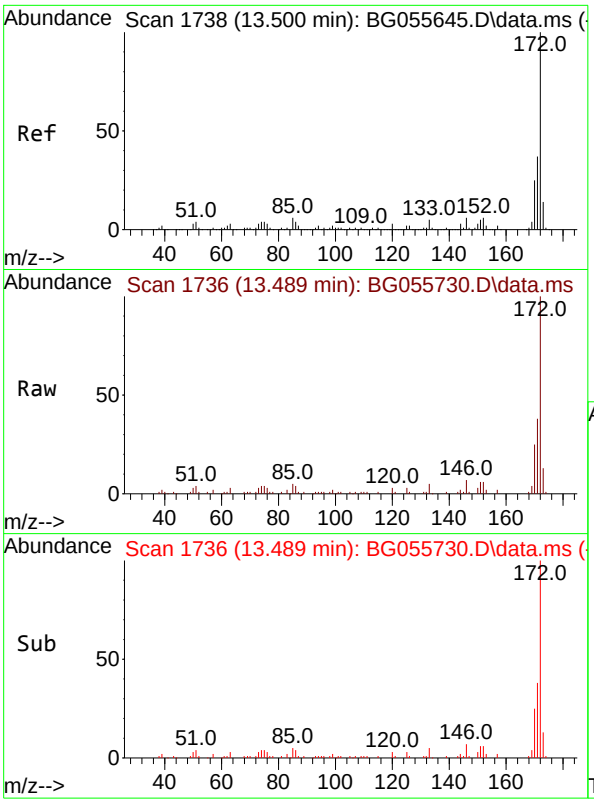


#42
2,4,6-Tribromophenol
Concen: 6.735 ng
RT: 16.350 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:330 Resp: 14706

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.8	116.8
141	38.9	23.9	35.9#



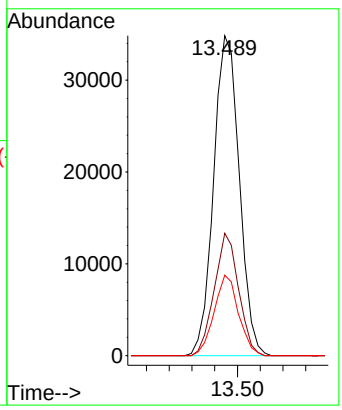


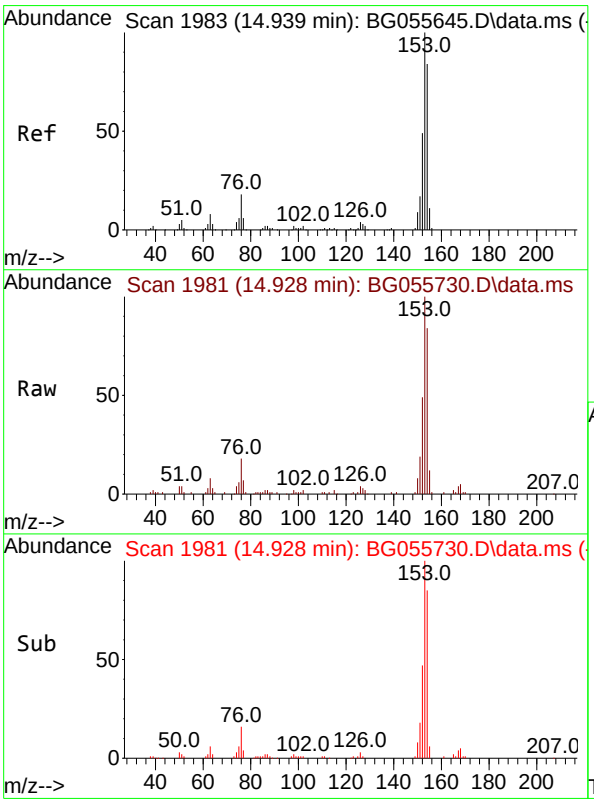
#45
2-Fluorobiphenyl
Concen: 5.285 ng
RT: 13.489 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:172 Resp: 54706

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	25.2	20.2	30.4

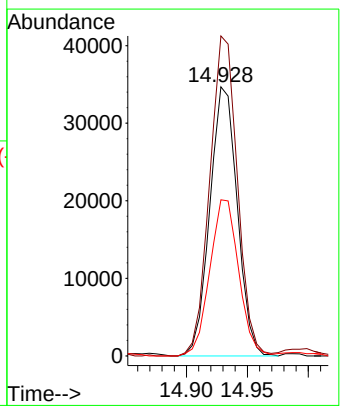


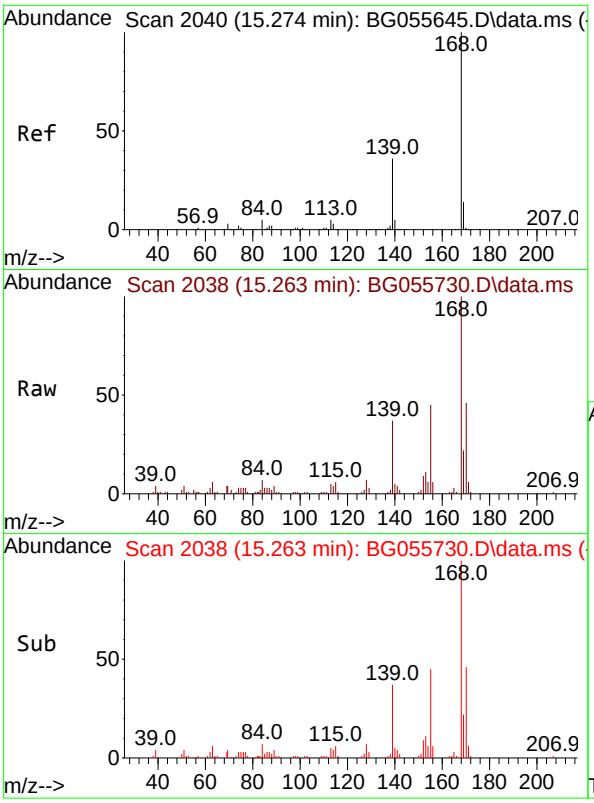


#52
Acenaphthene
Concen: 5.749 ng
RT: 14.928 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:154 Resp: 54342

Ion	Ratio	Lower	Upper
154	100		
153	118.9	95.0	142.4
152	58.0	46.1	69.1



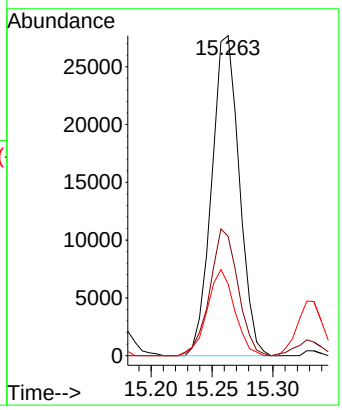


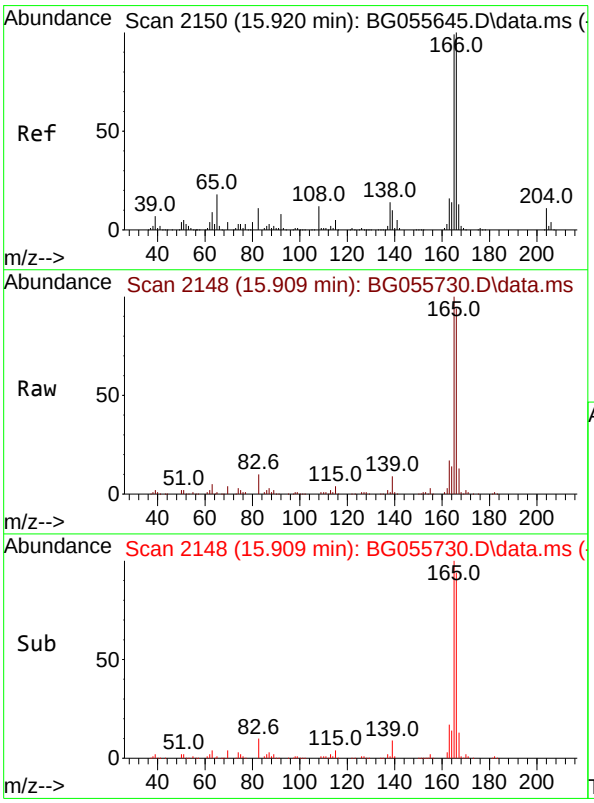
#55
Dibenzofuran
Concen: 2.994 ng
RT: 15.263 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:168 Resp: 43654

Ion	Ratio	Lower	Upper
168	100		
139	37.3	28.8	43.2
169	22.4	11.0	16.4#

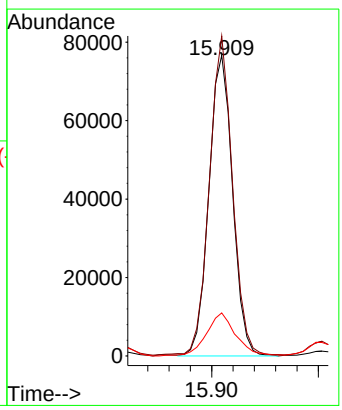


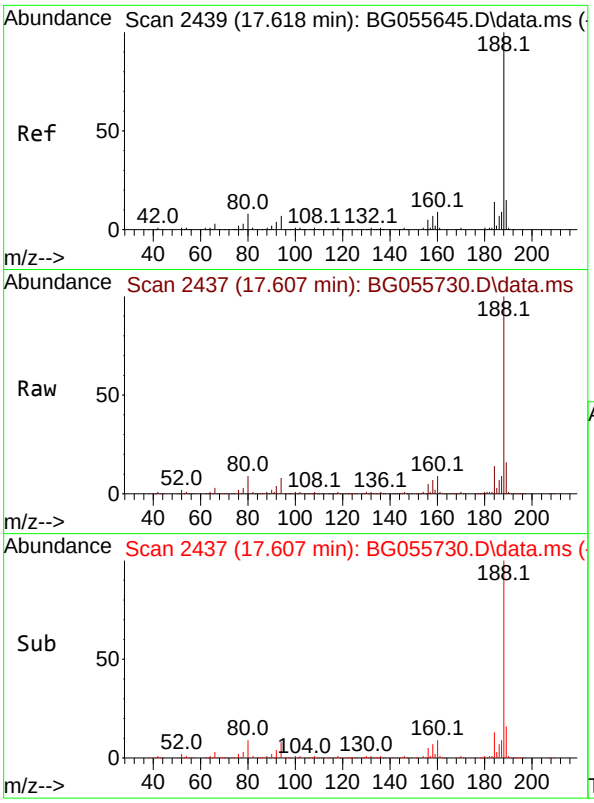


#58
Fluorene
Concen: 10.141 ng
RT: 15.909 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:166 Resp: 118102

Ion	Ratio	Lower	Upper
166	100		
165	106.4	79.3	118.9
167	14.3	10.6	15.8



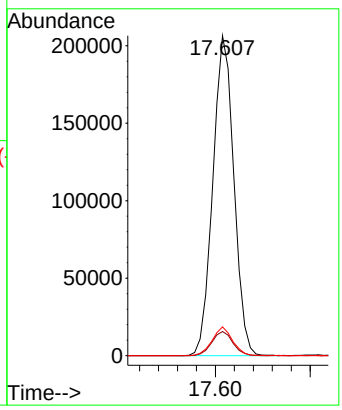


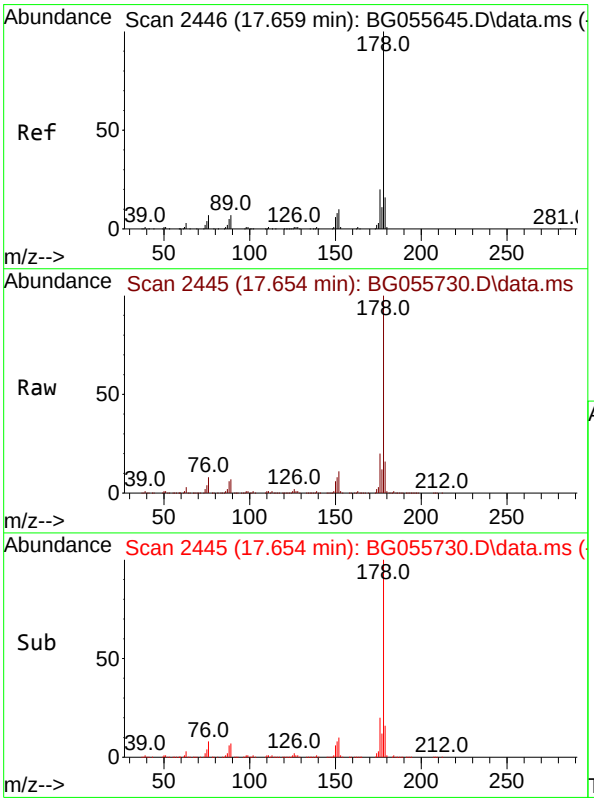
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:188 Resp: 318077

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.4	8.2
80	9.0	6.6	10.0

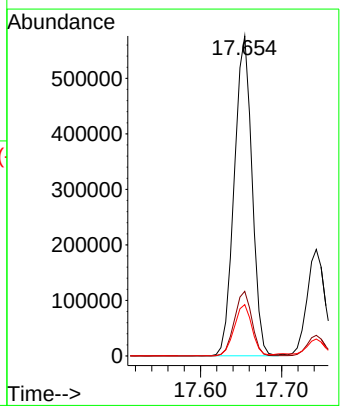


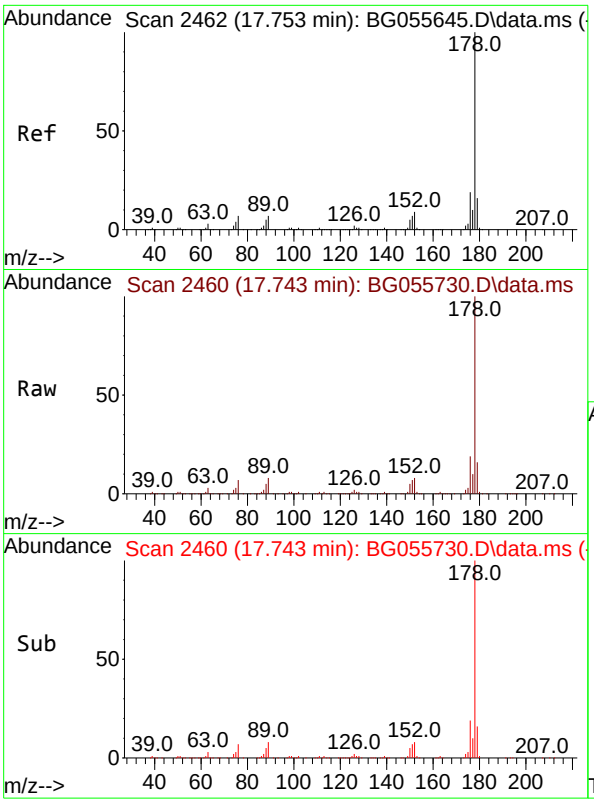


#71
Phenanthrene
Concen: 50.724 ng
RT: 17.654 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:178 Resp: 870660

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.1	12.7	19.1



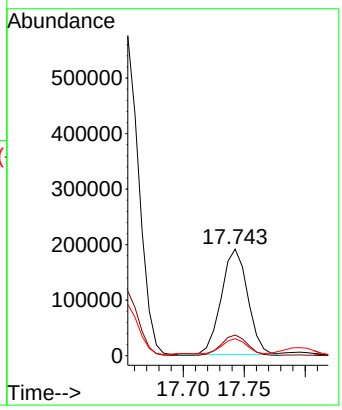


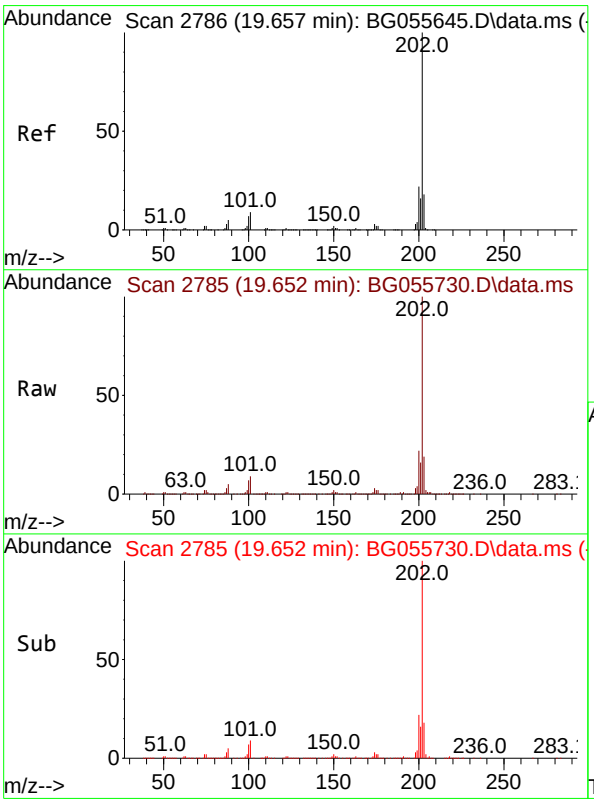
#72
Anthracene
Concen: 17.089 ng
RT: 17.743 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:178 Resp: 285004

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.9	12.5	18.7

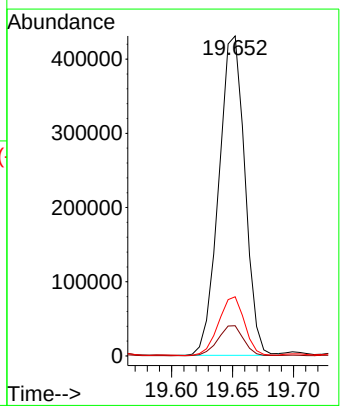


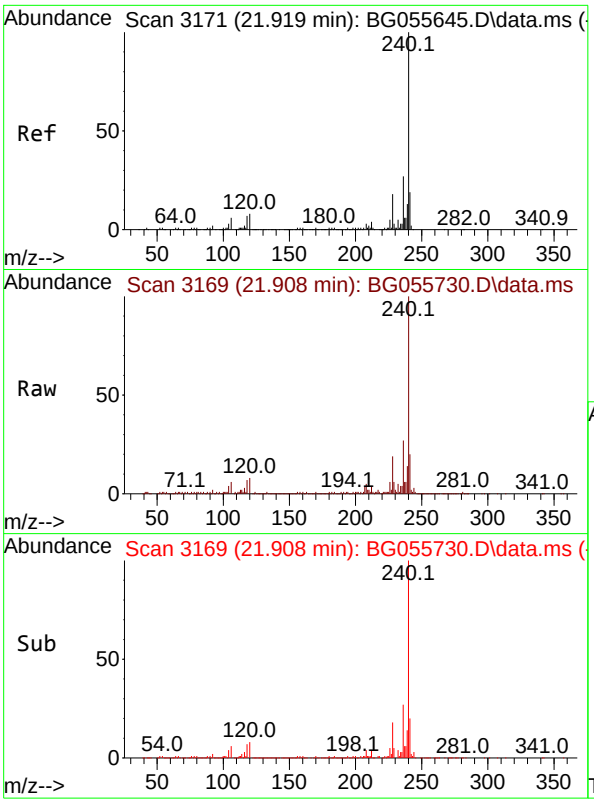


#75
Fluoranthene
Concen: 30.650 ng
RT: 19.652 min Scan# 2785
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:202 Resp: 640047

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.8
203	18.5	0.0	38.1



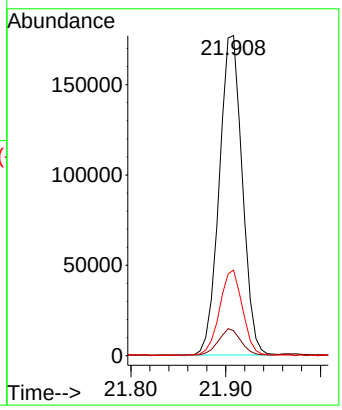


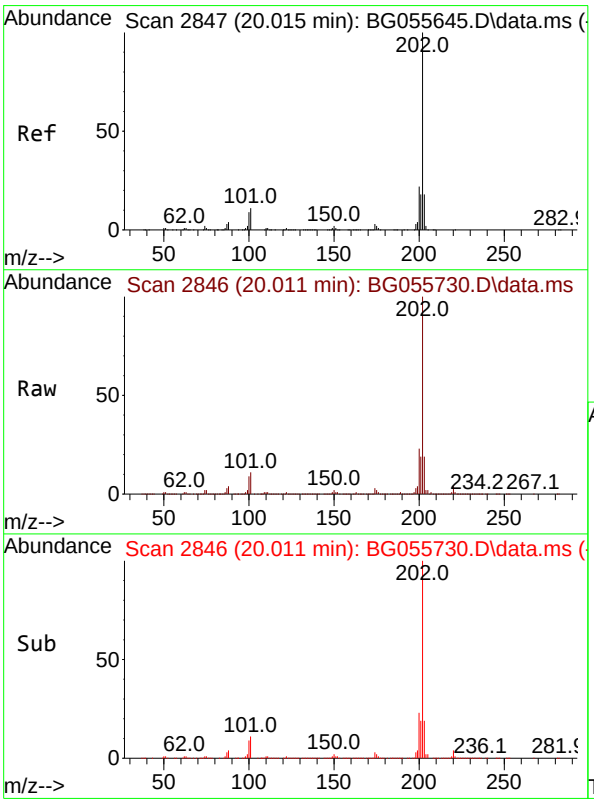
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:240 Resp: 298515

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.3	9.5
236	26.7	21.9	32.9

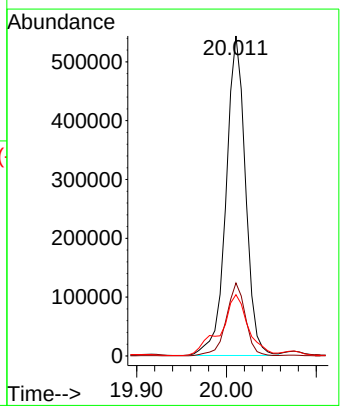


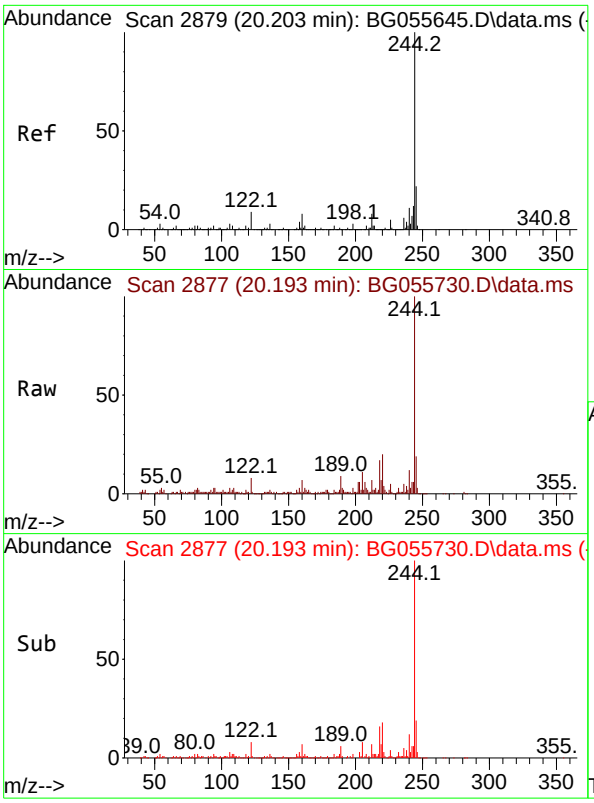


#78
Pyrene
Concen: 40.345 ng
RT: 20.011 min Scan# 2846
Delta R.T. -0.005 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:202 Resp: 815207

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.6
203	19.2	14.4	21.6



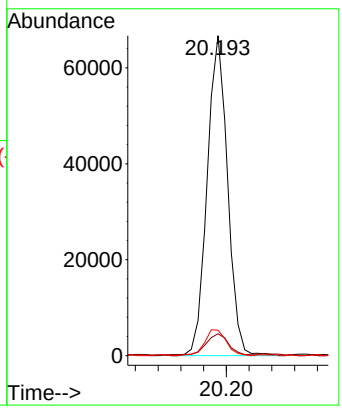


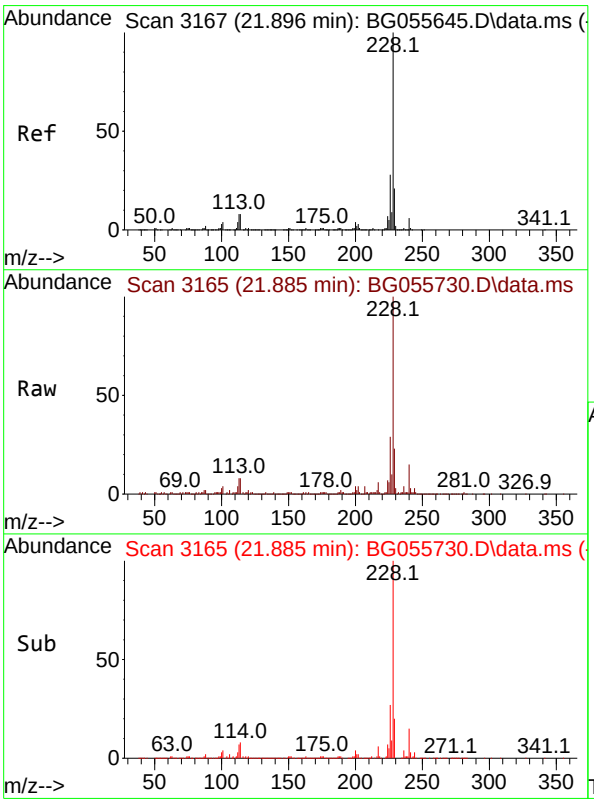
#79
Terphenyl-d14
Concen: 5.570 ng
RT: 20.193 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:244 Resp: 83132

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	7.9	6.9	10.3

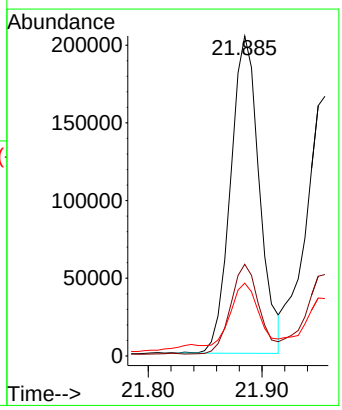


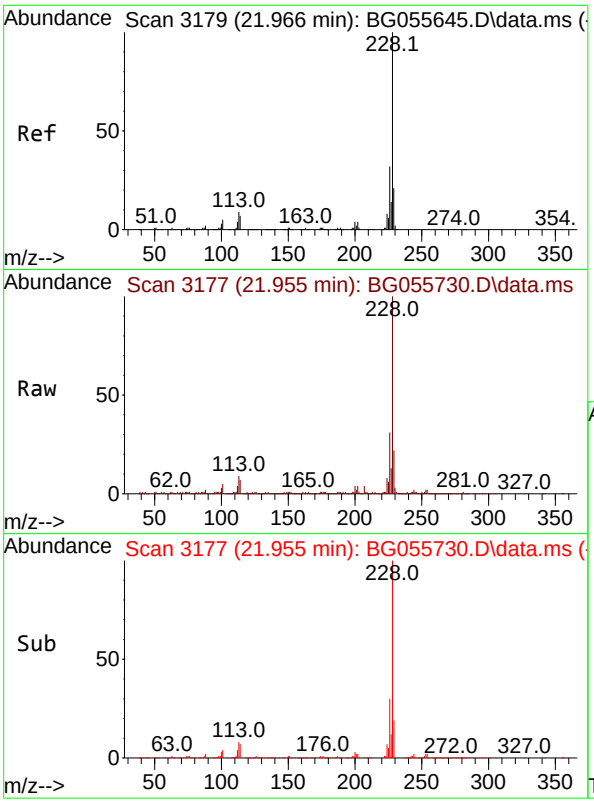


#81
Benzo(a)anthracene
Concen: 17.474 ng
RT: 21.885 min Scan# 3165
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:228 Resp: 359281

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	22.7	16.5	24.7



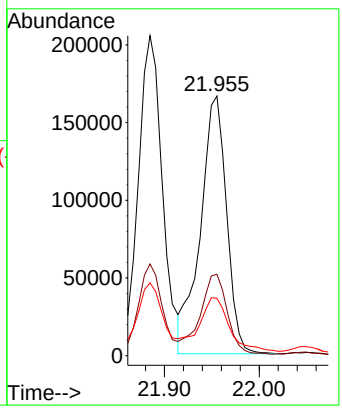


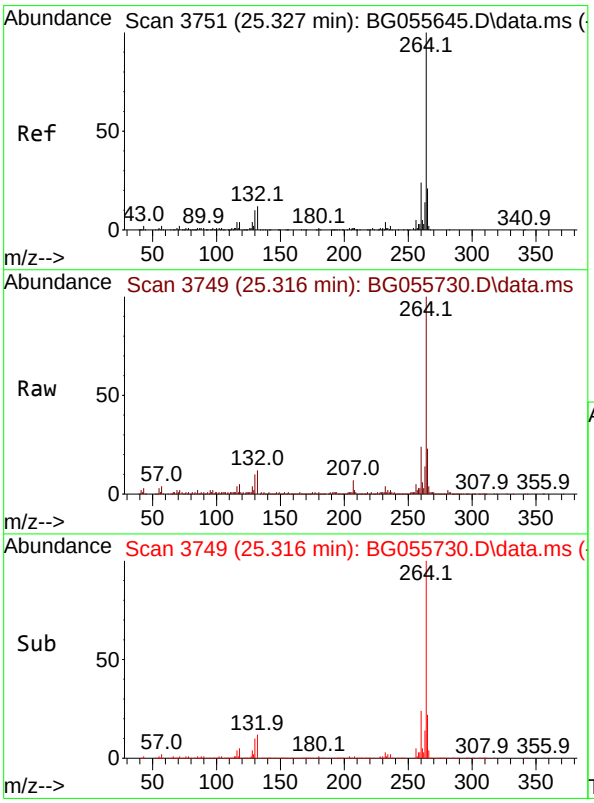
#83
Chrysene
Concen: 16.260 ng
RT: 21.955 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:228 Resp: 318273

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.2
229	22.1	17.1	25.7

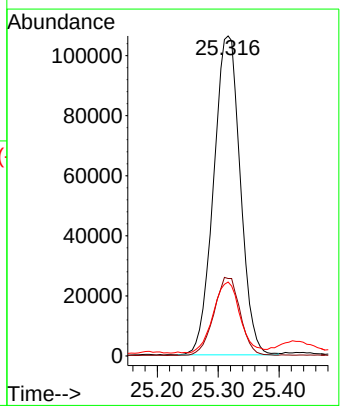


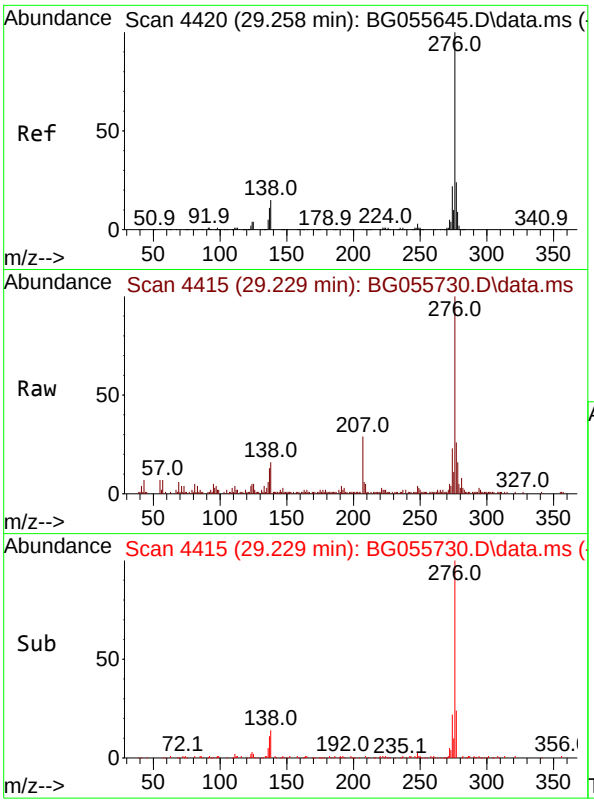


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.316 min Scan# 3749
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:264 Resp: 322772

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.1	17.1	25.7



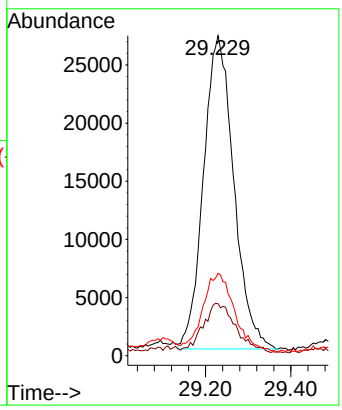


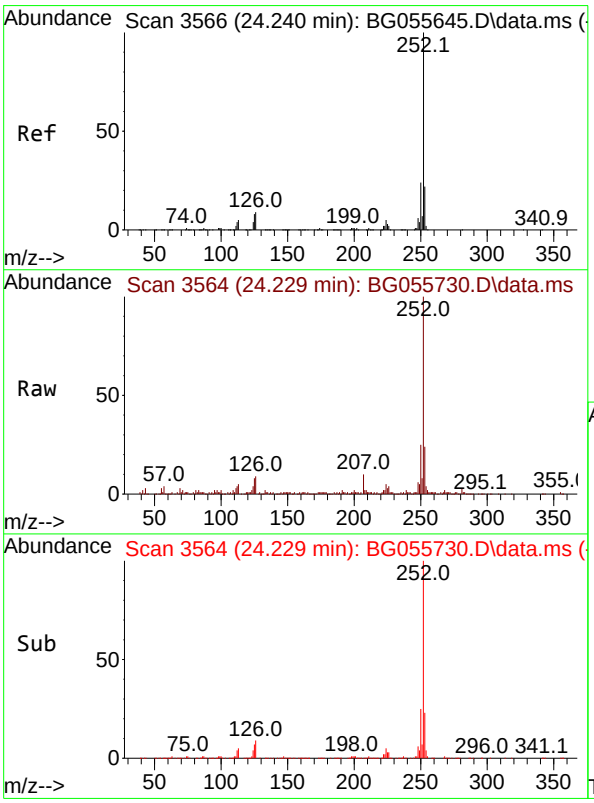
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.028 ng
RT: 29.229 min Scan# 44
Delta R.T. -0.028 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:276 Resp: 132945

Ion	Ratio	Lower	Upper
276	100		
138	17.0	10.4	15.6#
277	26.7	20.2	30.4

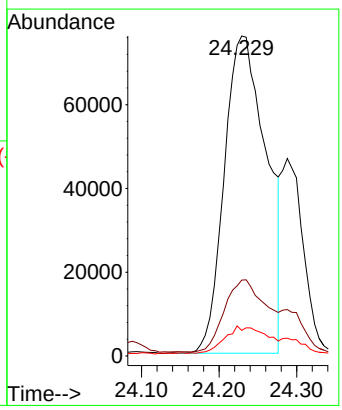


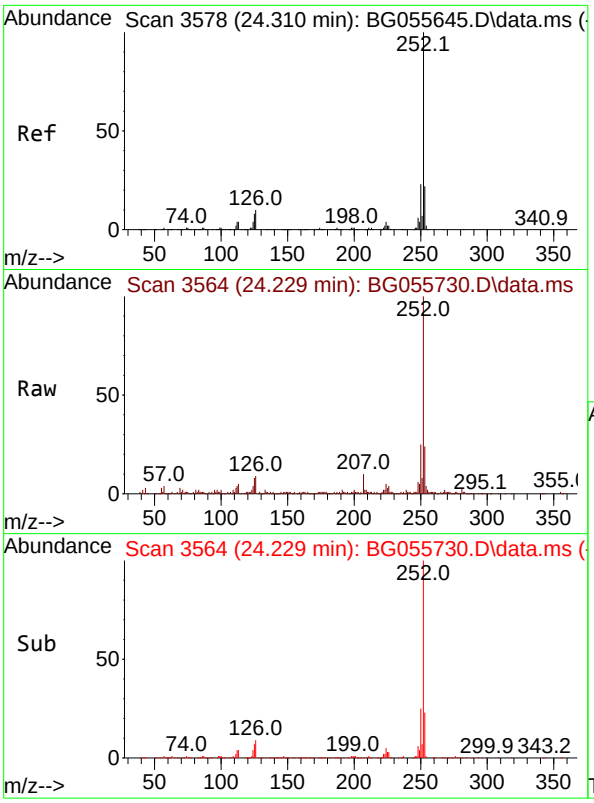


#88
Benzo(b)fluoranthene
Concen: 13.614 ng
RT: 24.229 min Scan# 3564
Delta R.T. -0.011 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:252 Resp: 286168

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	8.0	6.2	9.2



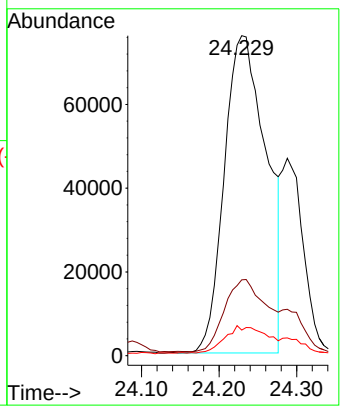


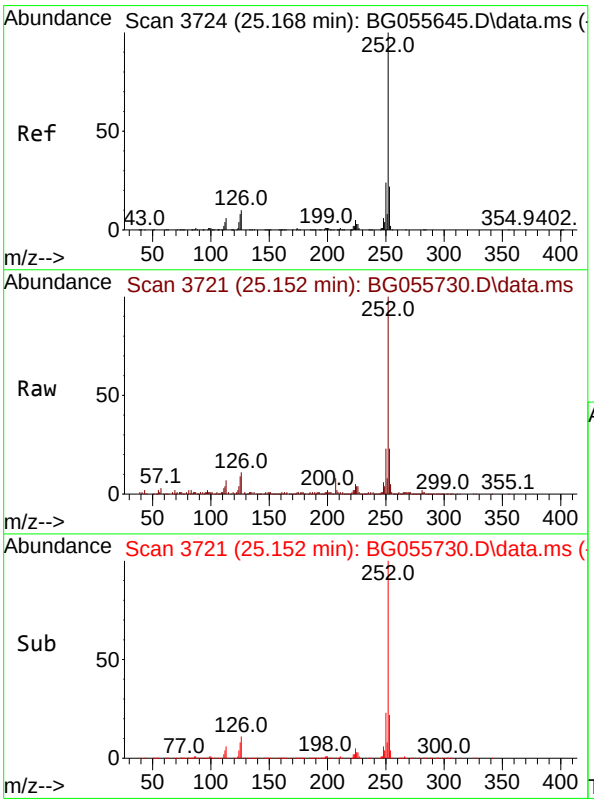
#89
Benzo(k)fluoranthene
Concen: 13.657 ng
RT: 24.229 min Scan# 3
Delta R.T. -0.081 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:252 Resp: 286168

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	8.0	6.1	9.1

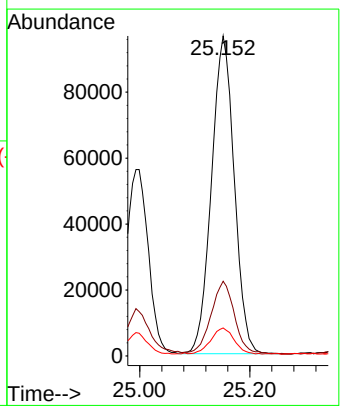


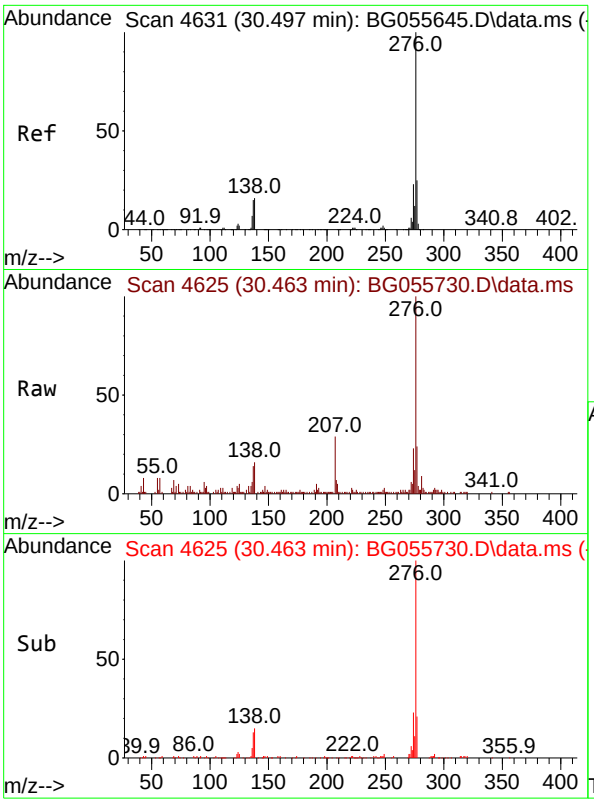


#90
Benzo(a)pyrene
Concen: 15.338 ng
RT: 25.152 min Scan# 3721
Delta R.T. -0.017 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Tgt Ion:252 Resp: 276674

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	8.8	6.4	9.6





#92
Benzo(g,h,i)perylene
Concen: 6.462 ng
RT: 30.463 min Scan# 4
Delta R.T. -0.034 min
Lab File: BG055730.D
Acq: 22 Nov 2022 1:14

Instrument :
BNA_G
ClientSampleId :
SU-03-111722DL

Tgt Ion:276 Resp: 140738

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.6
138	16.3	13.1	19.7