Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056545.D
Acq On : 3 Feb 2023 19:15
Operator : CG/JU
Sample : 01386-07DL 50X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Quant Time: Feb 04 05:13:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.273	152	50729	20.000	ng		0.00
21) Naphthalene-d8	11.105	136	183129	20.000	ng		0.00
39) Acenaphthene-d10	14.895	164	126865	20.000	ng		0.00
64) Phenanthrene-d10	17.632	188	292370	20.000	ng		0.00
76) Chrysene-d12	21.927	240	279602	20.000	ng		0.00
86) Perylene-d12	25.347	264	294018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	5041	1.828	ng		0.00
7) Phenol-d6	7.427	99	6957	1.703	ng		0.00
23) Nitrobenzene-d5	9.454	82	3800	1.178	ng		0.00
42) 2,4,6-Tribromophenol	16.375	330	2715	1.610	ng		0.00
45) 2-Fluorobiphenyl	13.520	172	12182	1.331	ng		0.00
79) Terphenyl-d14	20.206	244	19902	1.250	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.158	128	33868	3.504	ng		97
51) 2,6-Dinitrotoluene	14.895	165	17915	8.004	ng	#	36
52) Acenaphthene	14.959	154	25244	3.638	ng		93
55) Dibenzofuran	15.288	168	25856	2.078	ng		97
56) 4-Nitrophenol	15.288	139	8360	5.638	ng	#	10
58) Fluorene	15.934	166	26851	2.711	ng		99
71) Phenanthrene	17.674	178	429336	28.057	ng		99
72) Anthracene	17.768	178	105299	6.704	ng		98
73) Carbazole	18.032	167	28301	2.115	ng		94
75) Fluoranthene	19.671	202	710313	36.779	ng		100
78) Pyrene	20.030	202	626743	31.517	ng		99
81) Benzo(a)anthracene	21.904	228	333657	17.069	ng		99
83) Chrysene	21.974	228	287970	15.681	ng		98
87) Indeno(1,2,3-cd)pyrene	29.295	276	159925	7.431	ng	#	90
88) Benzo(b)fluoranthene	24.254	252	401677	22.010	ng		99
89) Benzo(k)fluoranthene	24.254	252	401677	21.800	ng		98
90) Benzo(a)pyrene	25.194	252	301640	16.779	ng		98
92) Benzo(g,h,i)perylene	30.529	276	152824	8.767	ng		99

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

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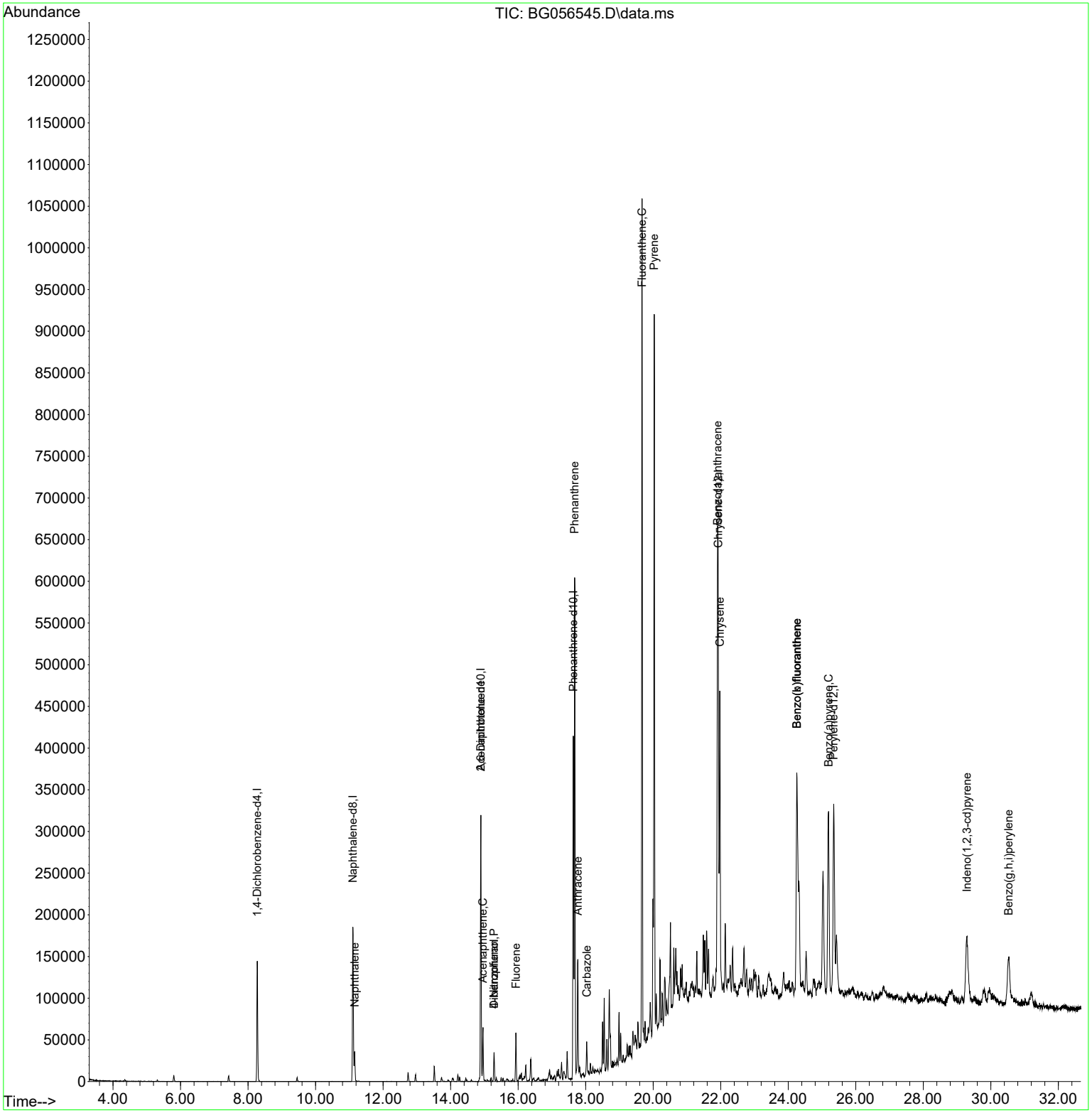
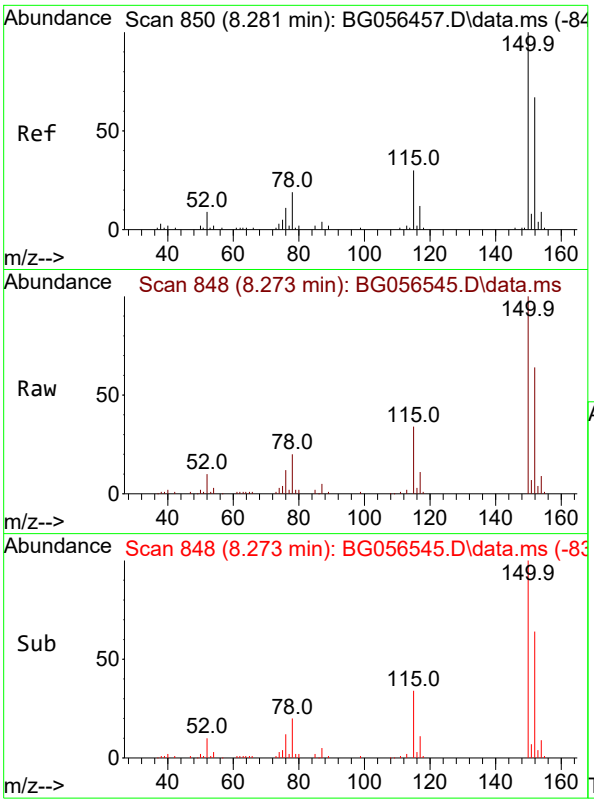


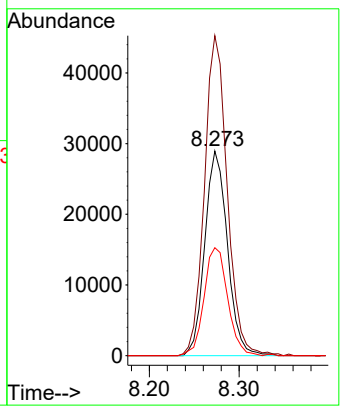


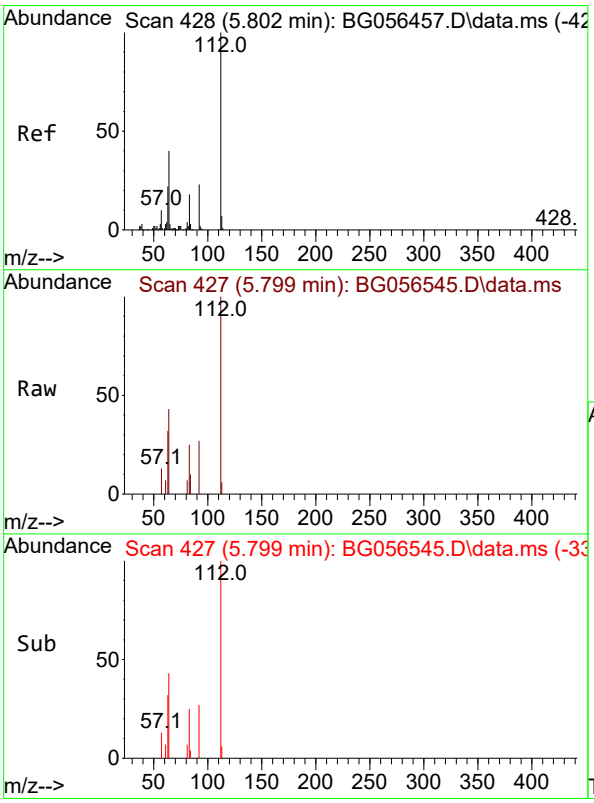
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:152 Resp: 50729

Ion	Ratio	Lower	Upper
152	100		
150	156.4	120.2	180.4
115	52.8	36.3	54.5

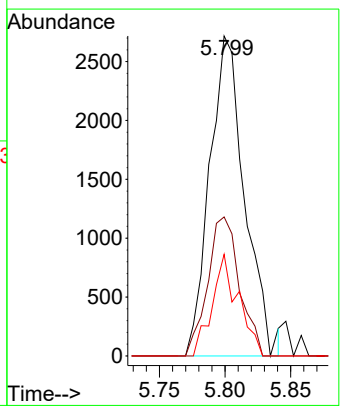


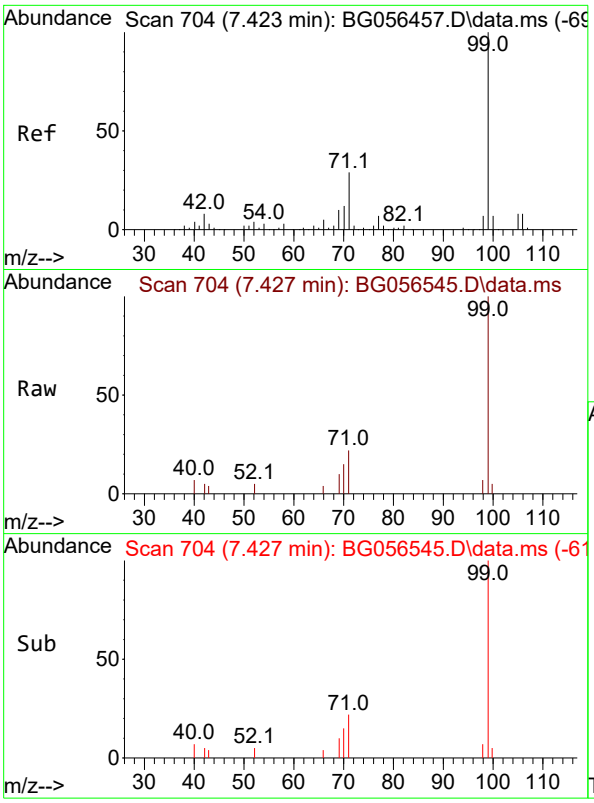


#5
2-Fluorophenol
Concen: 1.828 ng
RT: 5.799 min Scan# 427
Delta R.T. 0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:112 Resp: 5041

Ion	Ratio	Lower	Upper
112	100		
64	43.5	31.9	47.9
63	31.8	17.4	26.0#



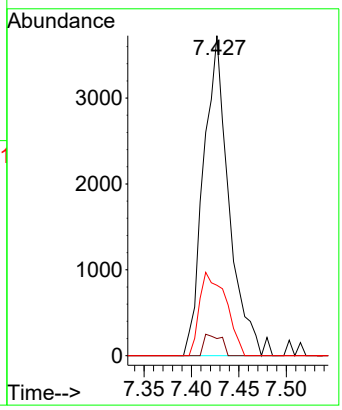


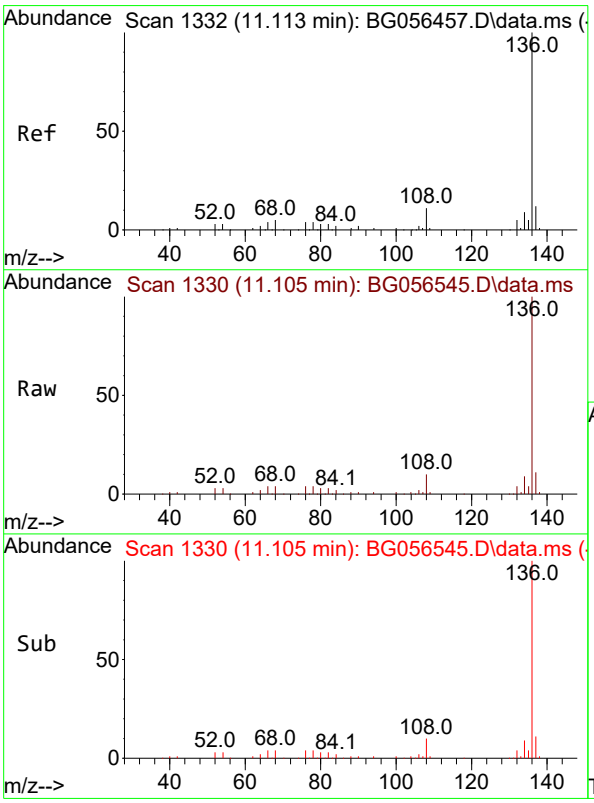
#7
Phenol-d6
Concen: 1.703 ng
RT: 7.427 min Scan# 7
Delta R.T. 0.009 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion: 99 Resp: 6957

Ion	Ratio	Lower	Upper
99	100		
42	5.4	6.6	10.0#
71	22.0	23.4	35.0#

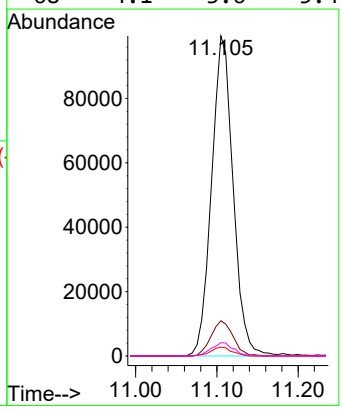


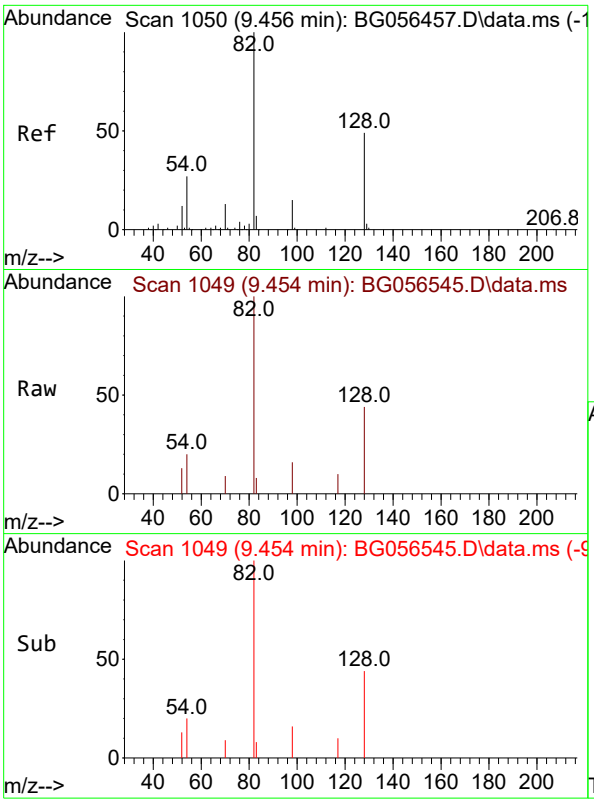


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.105 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:136 Resp: 183129

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	2.7	2.2	3.4
68	4.1	3.6	5.4



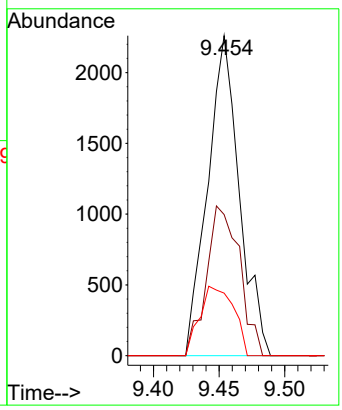


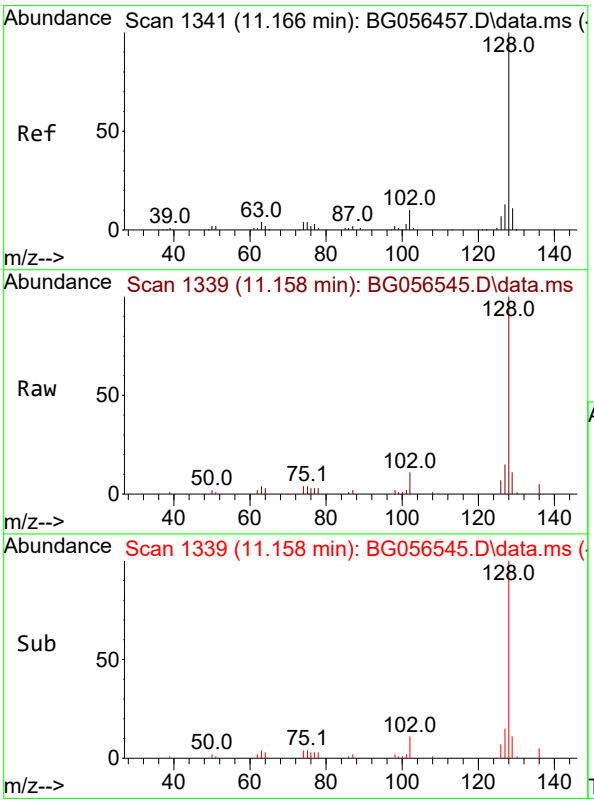
#23
Nitrobenzene-d5
Concen: 1.178 ng
RT: 9.454 min Scan# 1(
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion: 82 Resp: 3800

Ion	Ratio	Lower	Upper
82	100		
128	44.1	39.4	59.2
54	19.5	21.4	32.2#

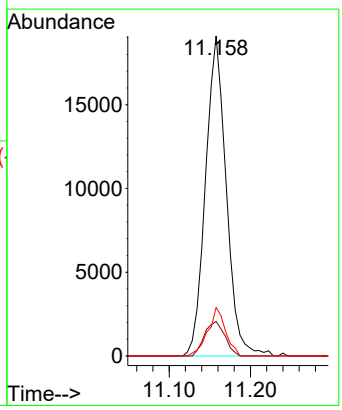


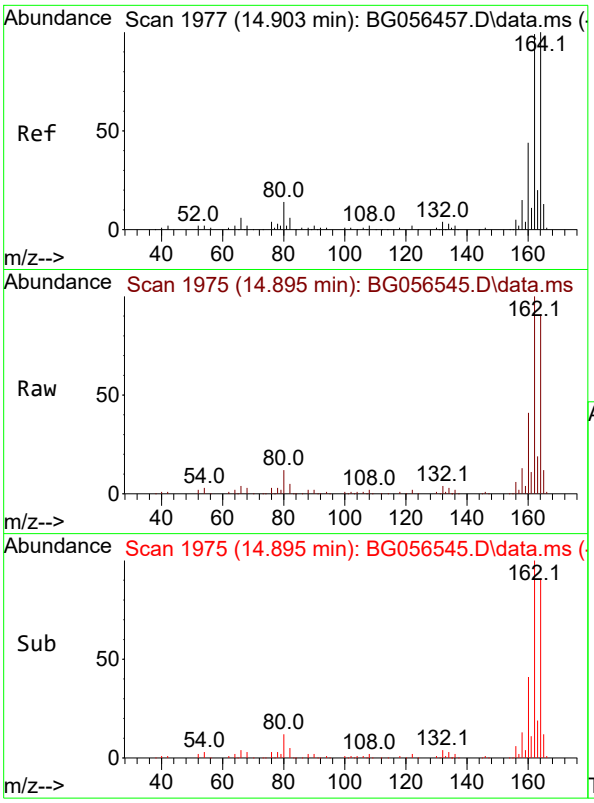


#31
Naphthalene
Concen: 3.504 ng
RT: 11.158 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:128 Resp: 33868

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	15.1	10.4	15.6



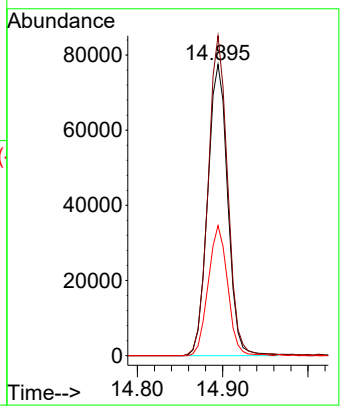


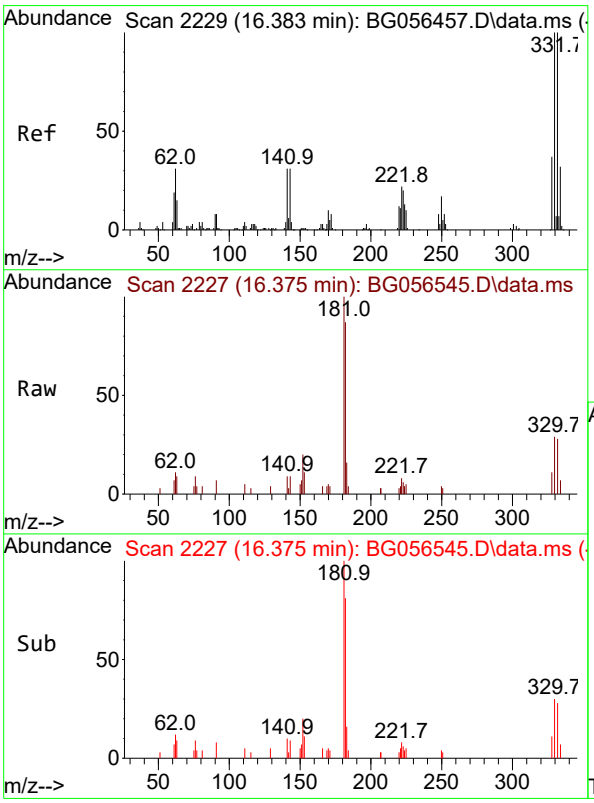
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.895 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:164 Resp: 126865

Ion	Ratio	Lower	Upper
164	100		
162	109.9	79.6	119.4
160	44.7	34.9	52.3

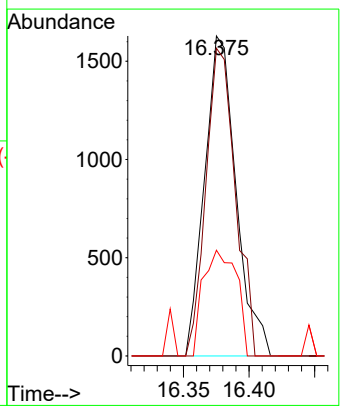


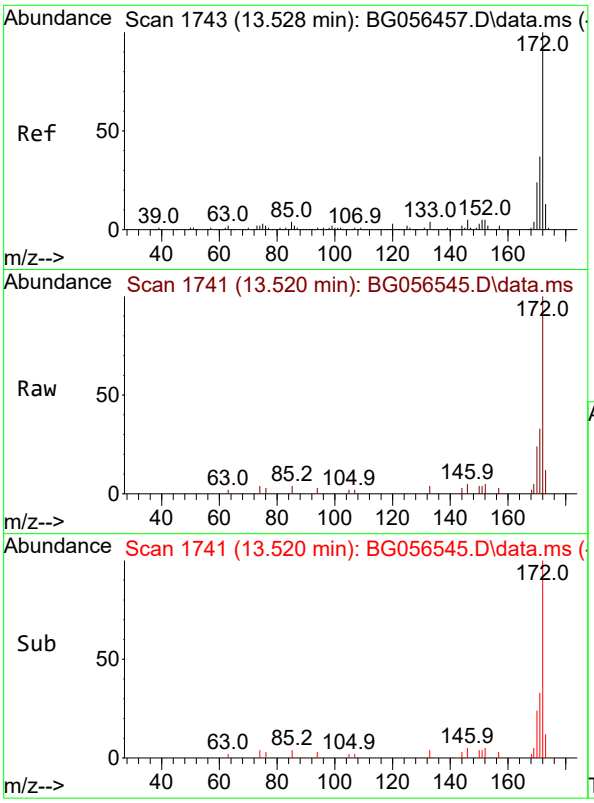


#42
2,4,6-Tribromophenol
Concen: 1.610 ng
RT: 16.375 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:330 Resp: 2715

Ion	Ratio	Lower	Upper
330	100		
332	90.2	79.0	118.6
141	35.0	24.2	36.4



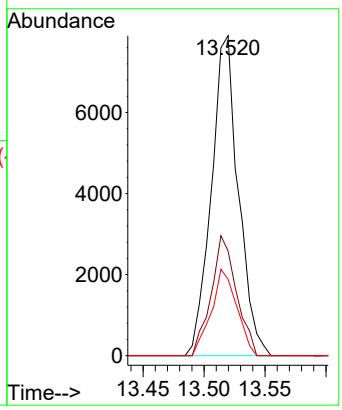


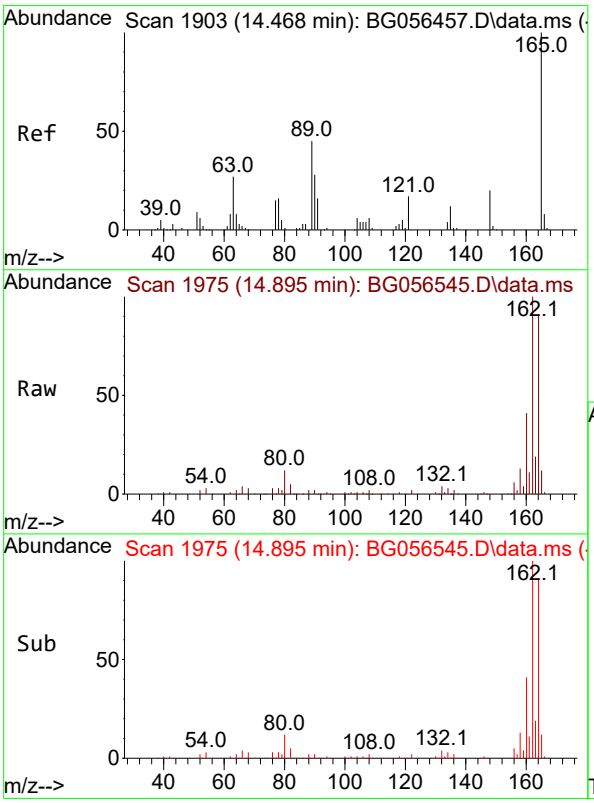
#45
2-Fluorobiphenyl
Concen: 1.331 ng
RT: 13.520 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:172 Resp: 12182

Ion	Ratio	Lower	Upper
172	100		
171	32.7	29.5	44.3
170	23.9	19.2	28.8

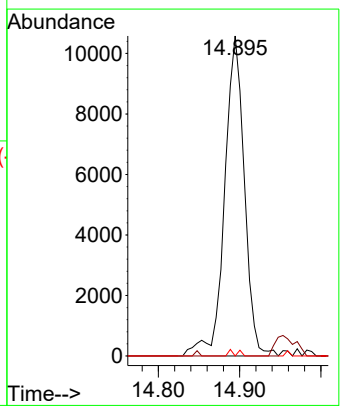


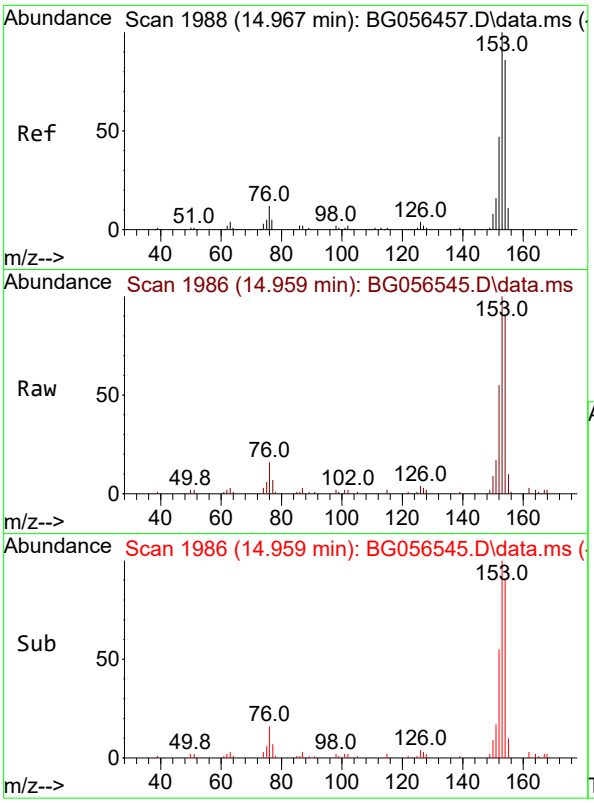


#51
2,6-Dinitrotoluene
Concen: 8.004 ng
RT: 14.895 min Scan# 1975
Delta R.T. 0.426 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:165 Resp: 17915

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.9	40.3#
89	0.0	35.6	53.4#



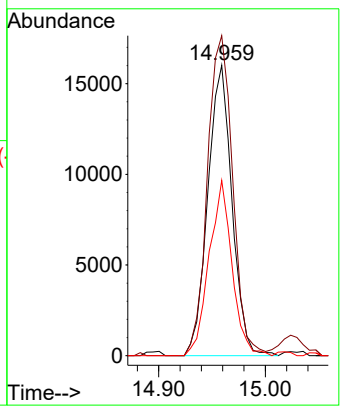


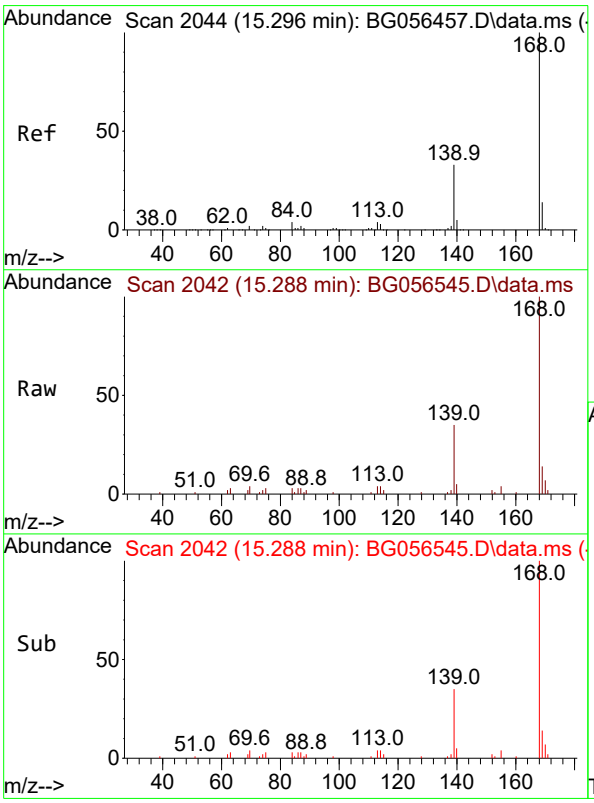
#52
Acenaphthene
Concen: 3.638 ng
RT: 14.959 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:154 Resp: 25244

Ion	Ratio	Lower	Upper
154	100		
153	110.2	93.4	140.0
152	60.3	43.4	65.2

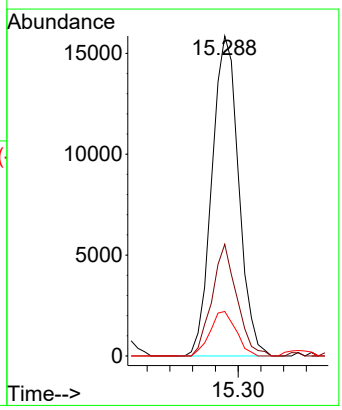


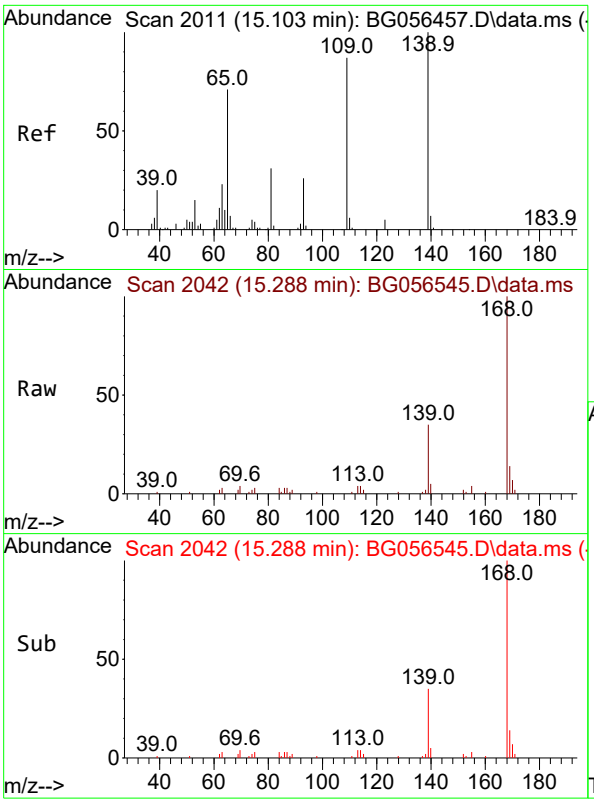


#55
Dibenzofuran
Concen: 2.078 ng
RT: 15.288 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:168 Resp: 25856

Ion	Ratio	Lower	Upper
168	100		
139	34.9	26.2	39.2
169	13.9	11.0	16.6



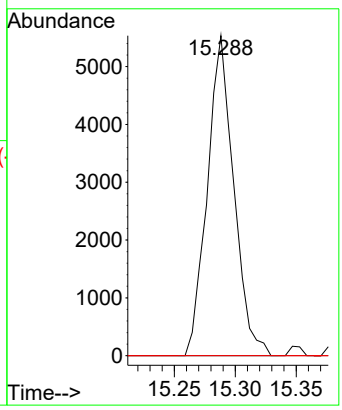


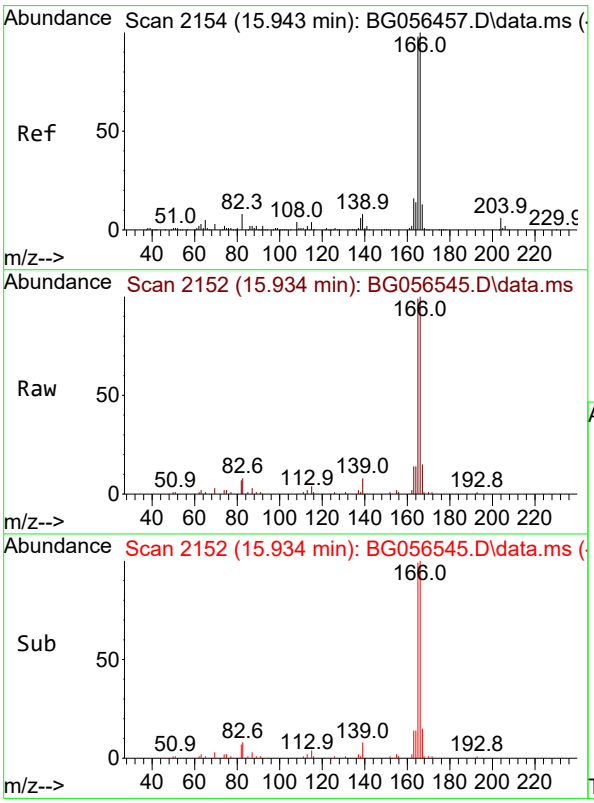
#56
4-Nitrophenol
Concen: 5.638 ng
RT: 15.288 min Scan# 2
Delta R.T. 0.191 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:139 Resp: 8360

Ion	Ratio	Lower	Upper
139	100		
109	0.0	67.5	107.5#
65	0.0	50.7	90.7#

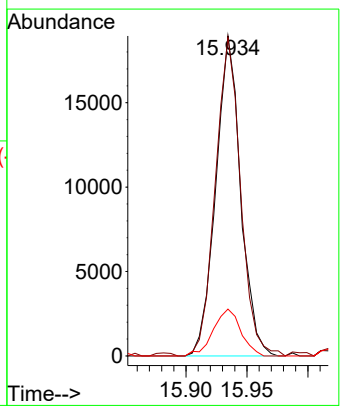


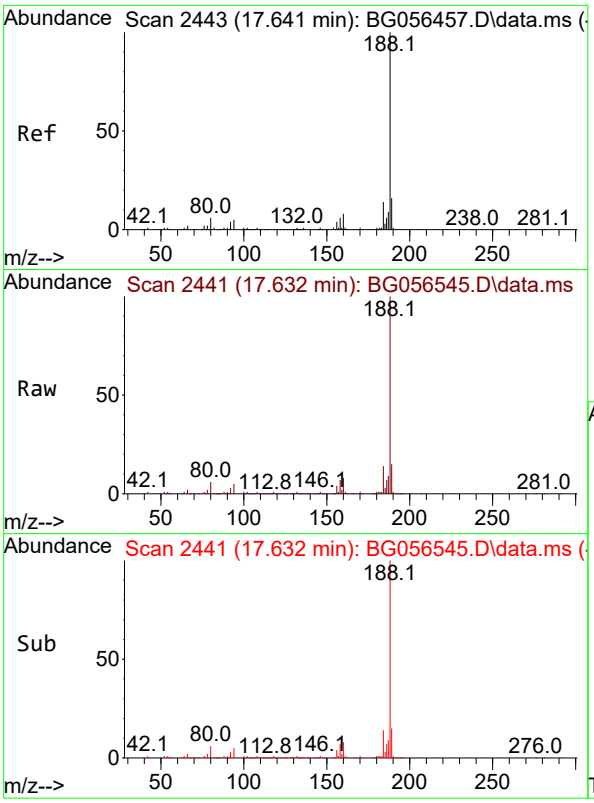


#58
Fluorene
Concen: 2.711 ng
RT: 15.934 min Scan# 2152
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:166 Resp: 26851

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	14.6	10.6	15.8



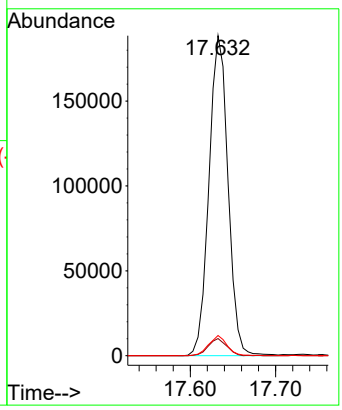


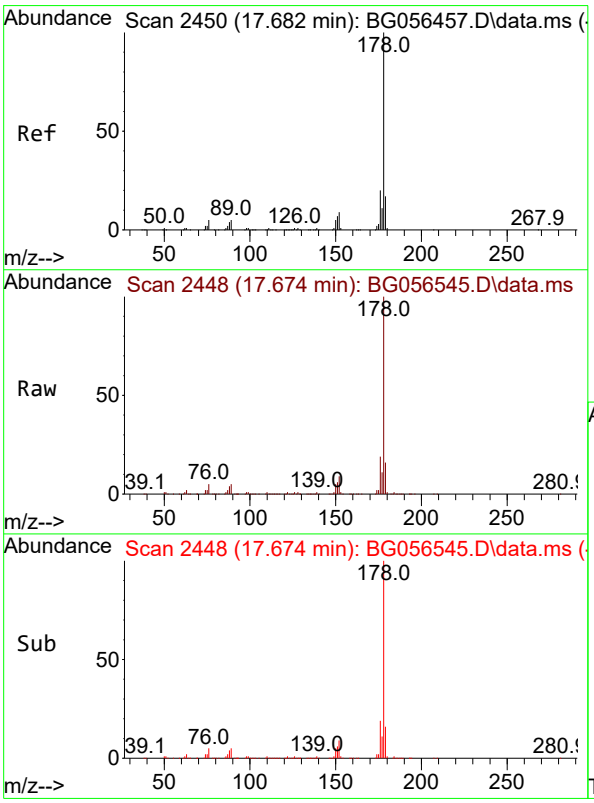
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.632 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:188 Resp: 292370

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.1	6.1
80	6.3	5.0	7.4

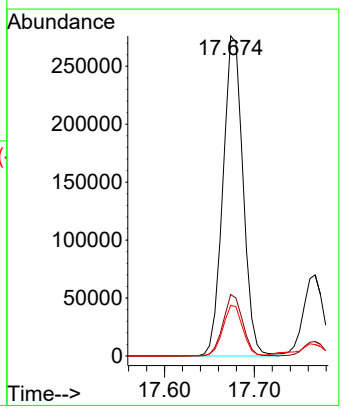


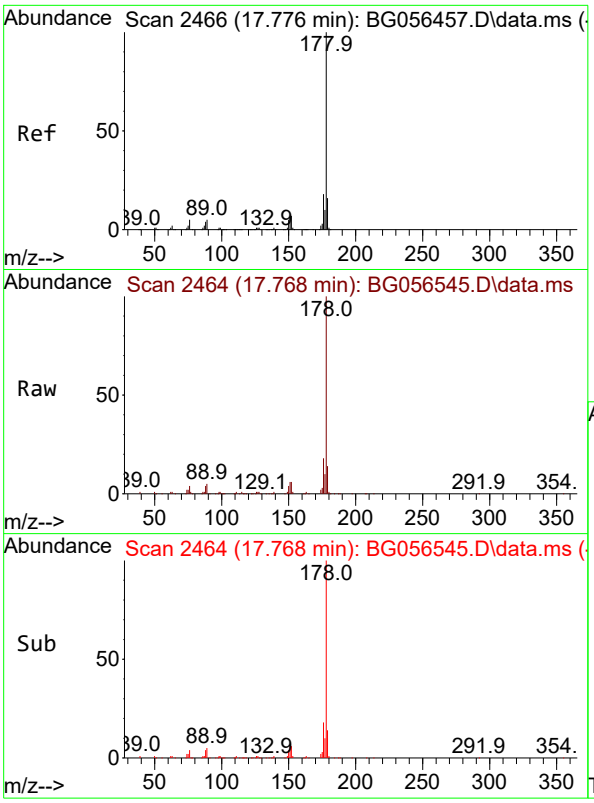


#71
Phenanthrene
Concen: 28.057 ng
RT: 17.674 min Scan# 2448
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:178 Resp: 429336

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.8	13.3	19.9



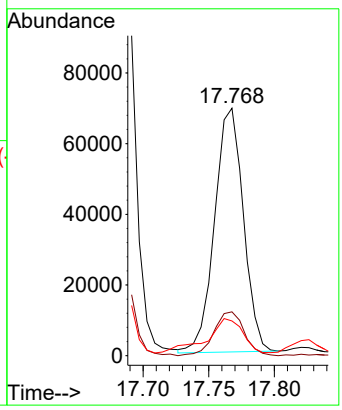


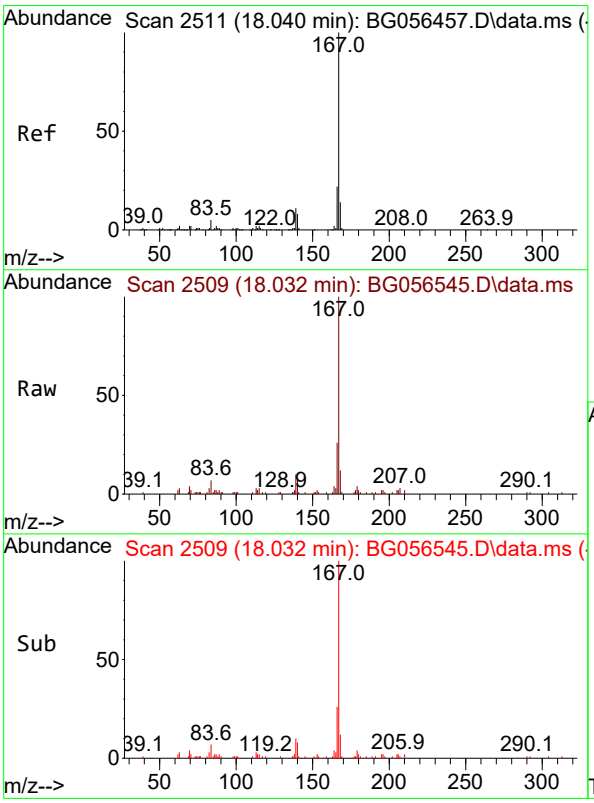
#72
Anthracene
Concen: 6.704 ng
RT: 17.768 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:178 Resp: 105299

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.5	21.7
179	14.0	12.5	18.7

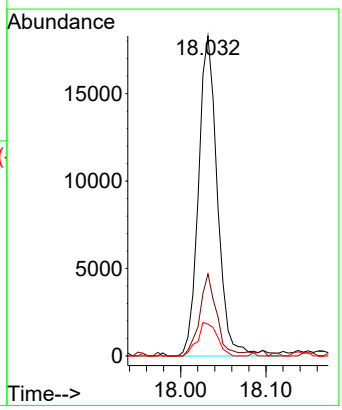


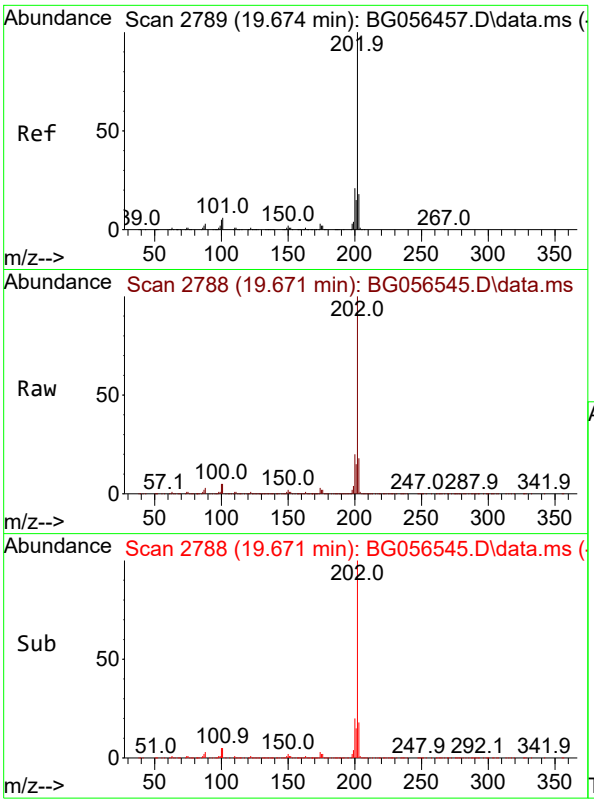


#73
Carbazole
Concen: 2.115 ng
RT: 18.032 min Scan# 2509
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:167 Resp: 28301

Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.8	26.6
139	9.9	8.9	13.3



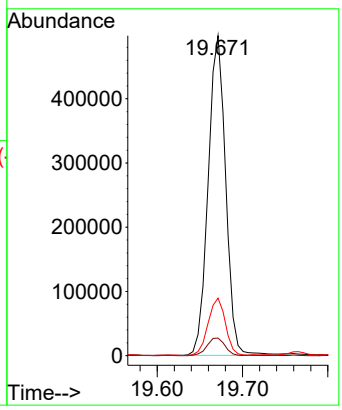


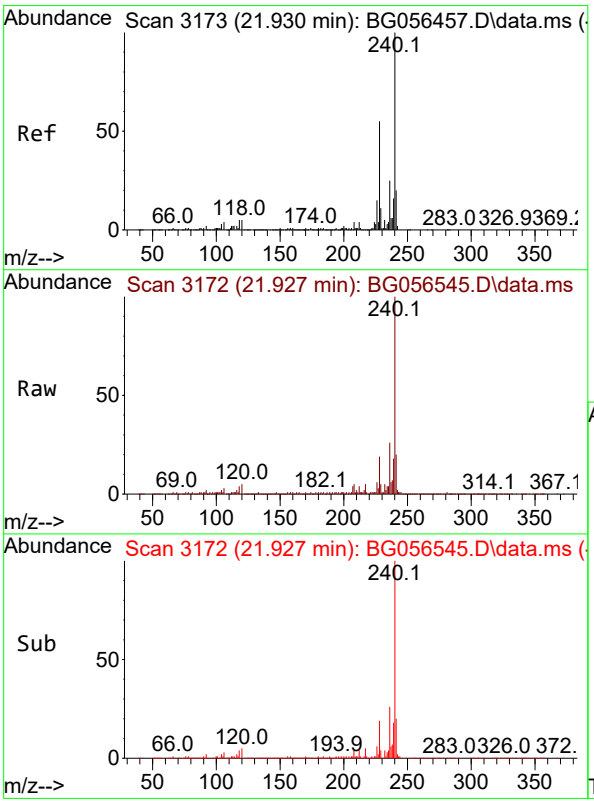
#75
Fluoranthene
Concen: 36.779 ng
RT: 19.671 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:202 Resp: 710313

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	25.6
203	18.0	0.0	38.1

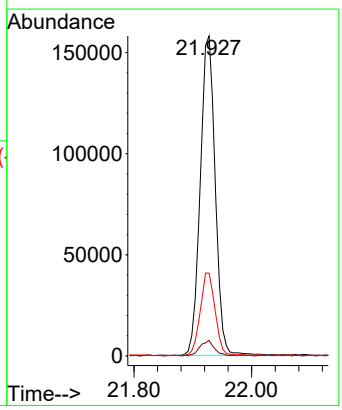


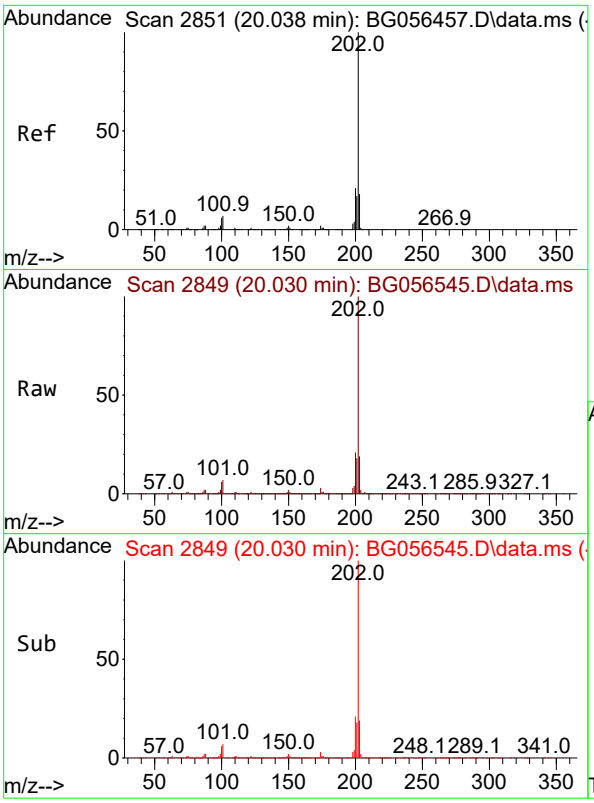


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. 0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:240 Resp: 279602

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.8	5.8
236	25.9	20.2	30.2



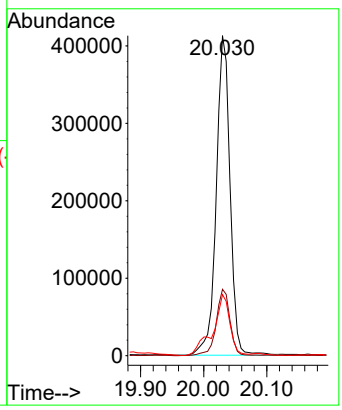


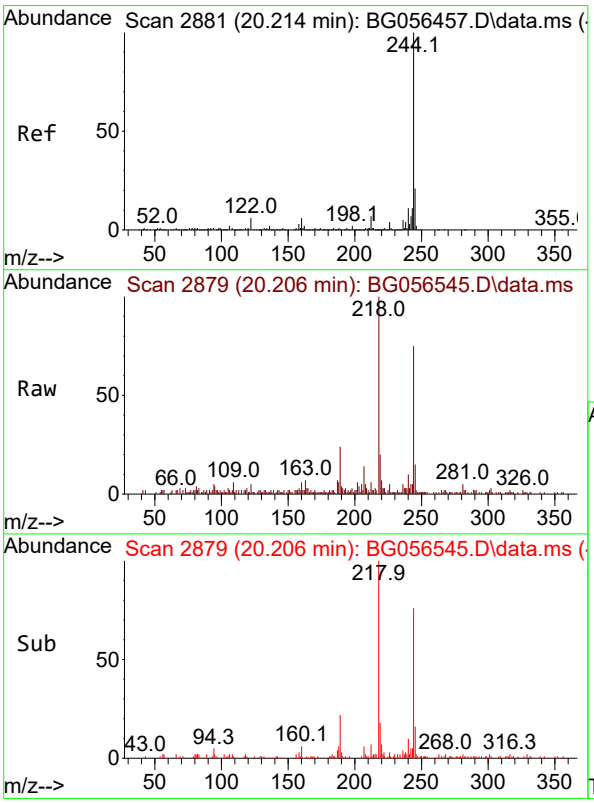
#78
Pyrene
Concen: 31.517 ng
RT: 20.030 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:202 Resp: 626743

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	19.1	14.4	21.6

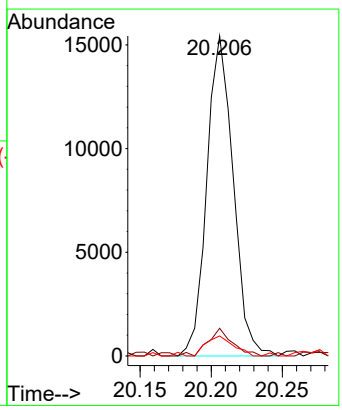


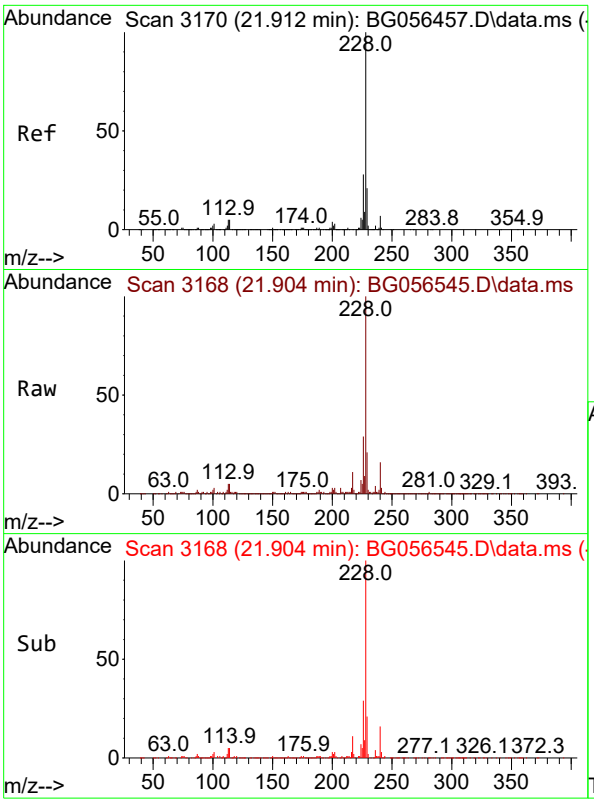


#79
Terphenyl-d14
Concen: 1.250 ng
RT: 20.206 min Scan# 2879
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:244 Resp: 19902

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.5	8.3#
122	6.3	4.4	6.6



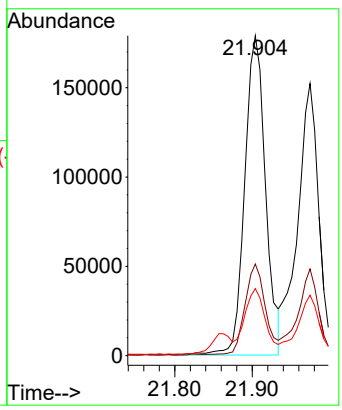


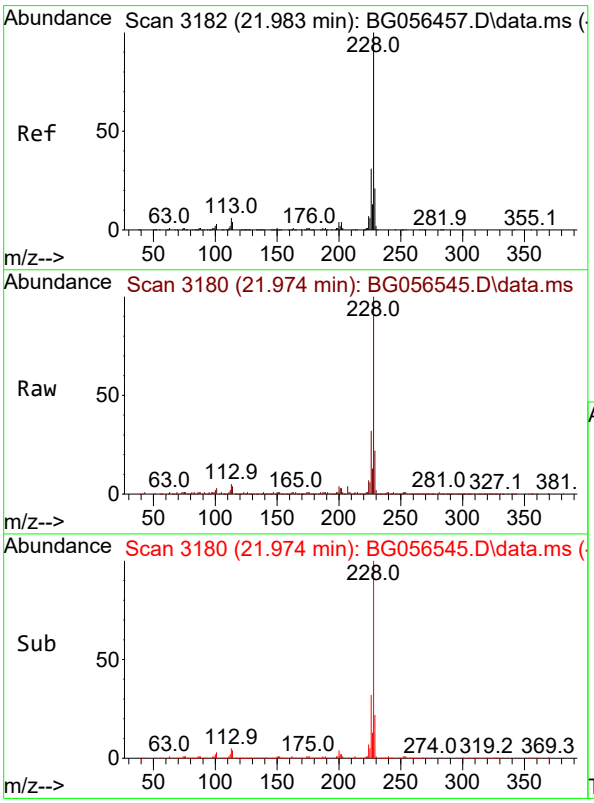
#81
Benzo(a)anthracene
Concen: 17.069 ng
RT: 21.904 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:228 Resp: 333657

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	20.9	16.5	24.7

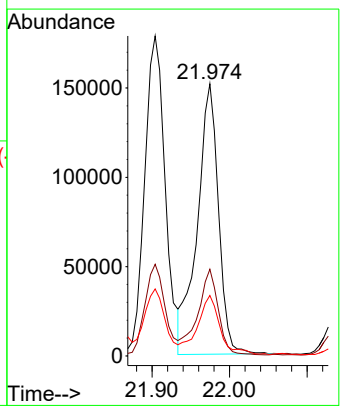


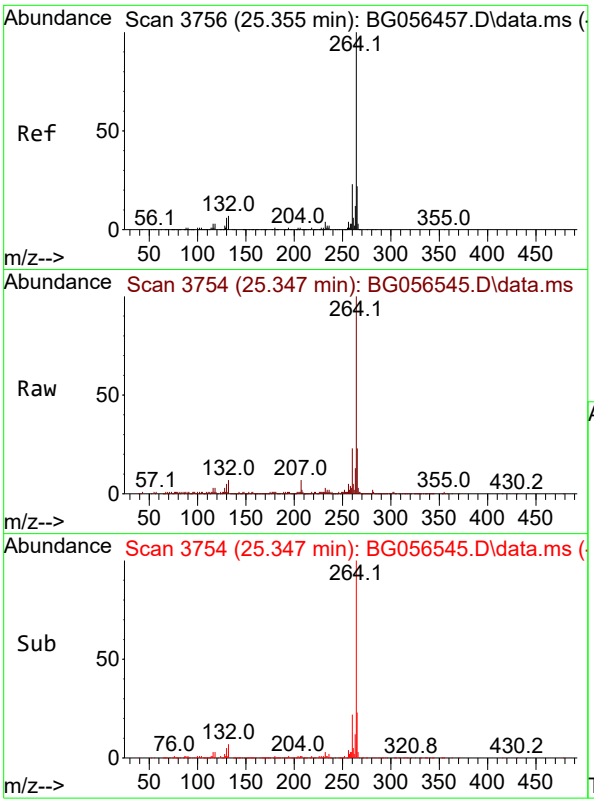


#83
Chrysene
Concen: 15.681 ng
RT: 21.974 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:228 Resp: 287970

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.4
229	22.2	16.4	24.6



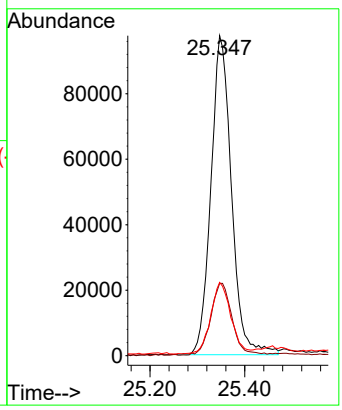


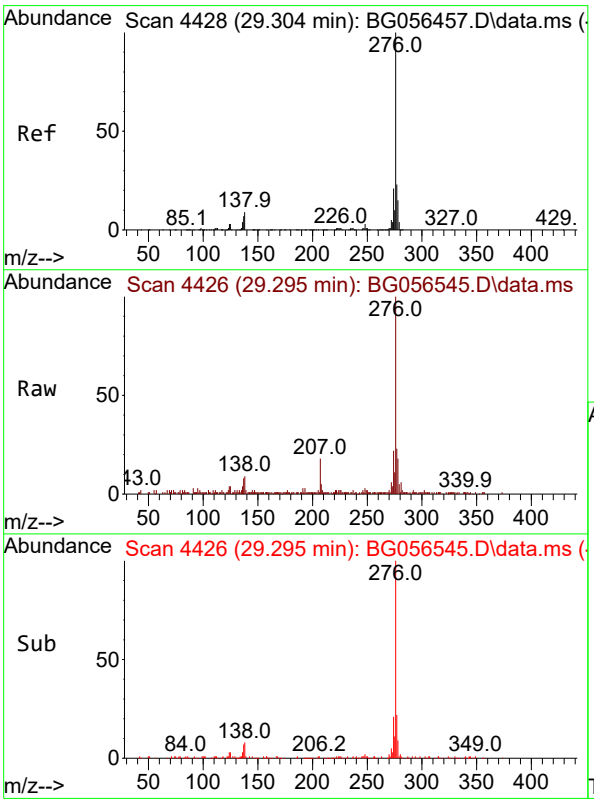
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.347 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:264 Resp: 294018

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.9	18.1	27.1

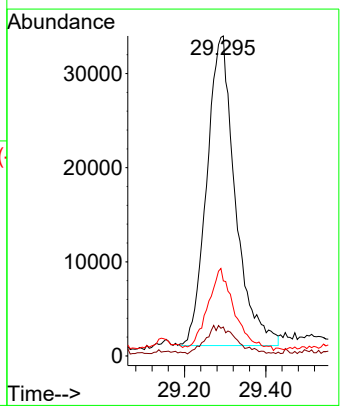


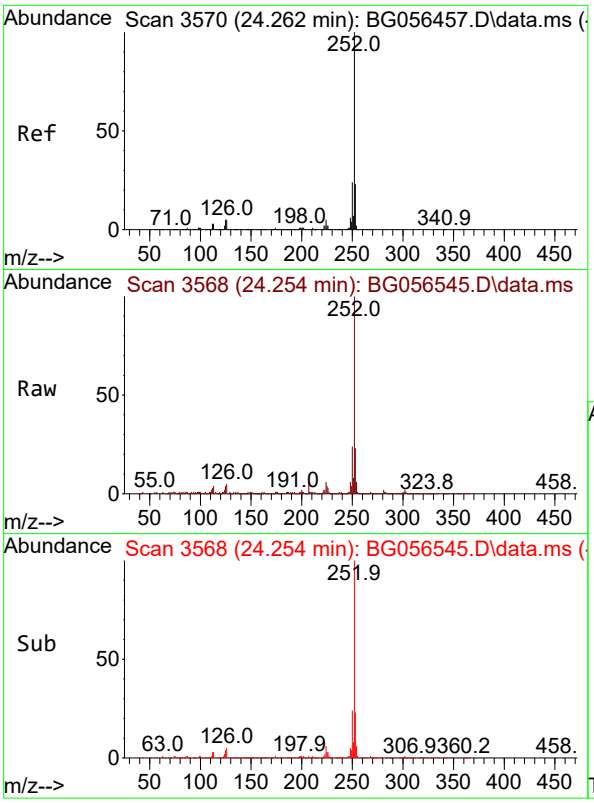


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.431 ng
RT: 29.295 min Scan# 4426
Delta R.T. 0.015 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:276 Resp: 159925

Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.4	14.2#
277	25.2	20.3	30.5



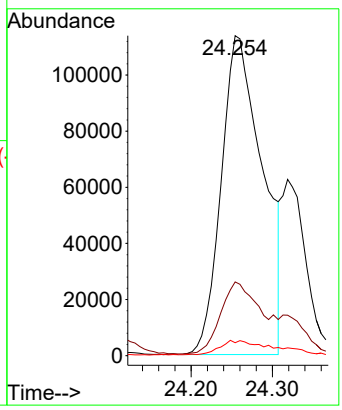


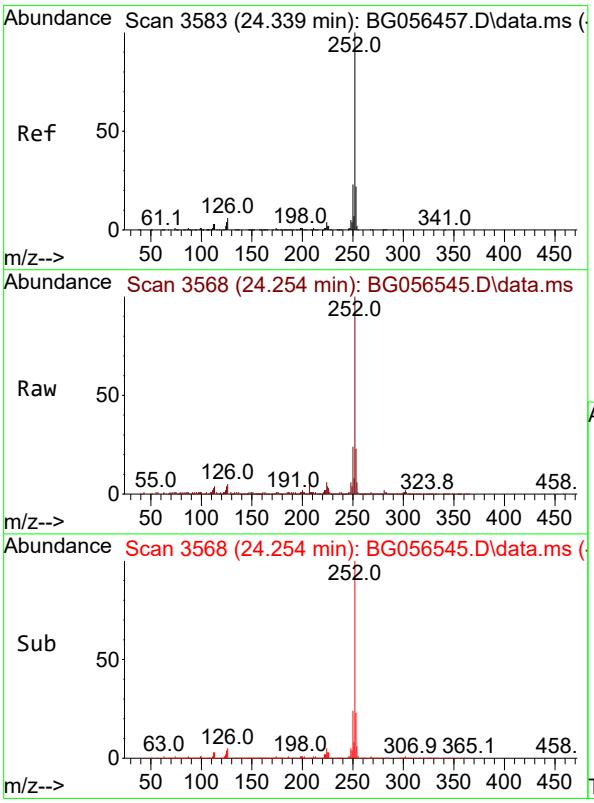
#88
Benzo(b)fluoranthene
Concen: 22.010 ng
RT: 24.254 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:252 Resp: 401677

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	4.1	3.9	5.9

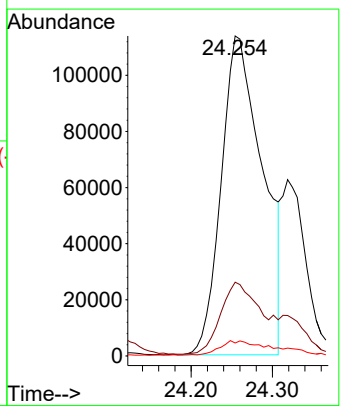


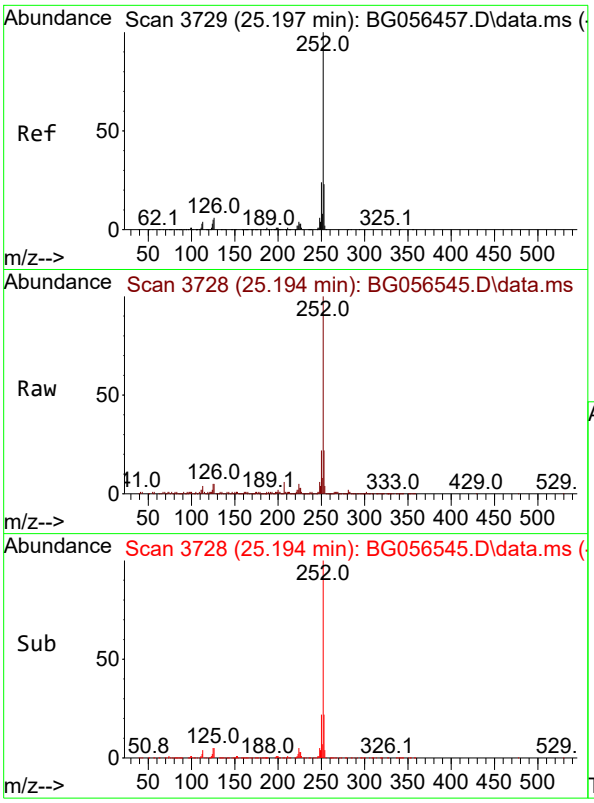


#89
Benzo(k)fluoranthene
Concen: 21.800 ng
RT: 24.254 min Scan# 3568
Delta R.T. -0.067 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:252 Resp: 401677

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	4.1	3.4	5.0



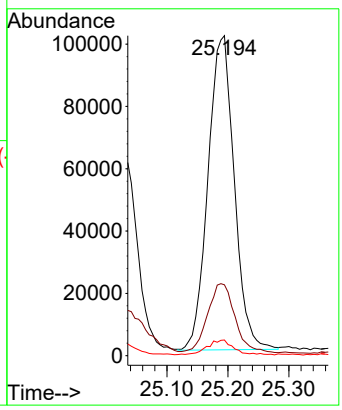


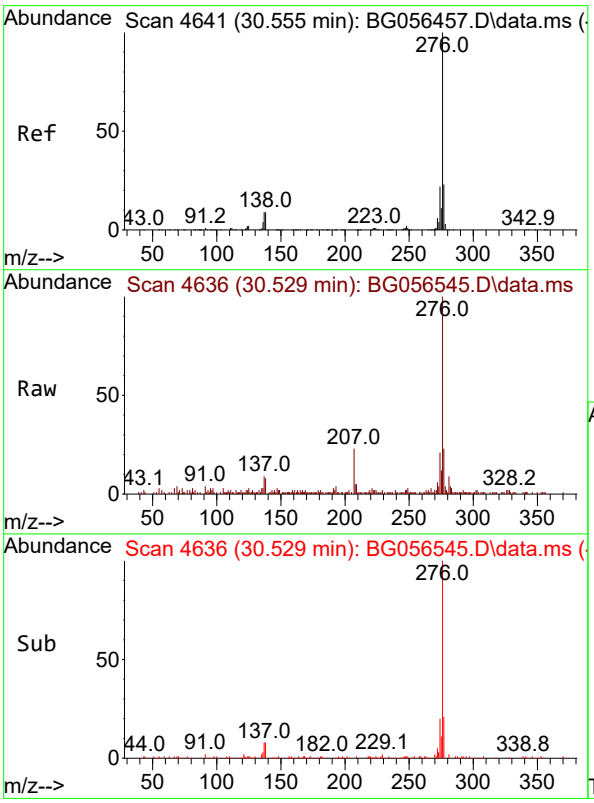
#90
Benzo(a)pyrene
Concen: 16.779 ng
RT: 25.194 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123DL

Tgt Ion:252 Resp: 301640

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	4.9	4.1	6.1





#92
Benzo(g,h,i)perylene
Concen: 8.767 ng
RT: 30.529 min Scan# 4636
Delta R.T. 0.003 min
Lab File: BG056545.D
Acq: 3 Feb 2023 19:15

Tgt Ion:276 Resp: 152824

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	8.3	7.4	11.0