Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Time: Mar 20 17:14:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.290	152	94856	20.000	ng		0.00
21) Naphthalene-d8	11.134	136	406938	20.000	ng		0.00
39) Acenaphthene-d10	14.924	164	270256	20.000	ng		0.00
64) Phenanthrene-d10	17.673	188	563102	20.000	ng		0.00
76) Chrysene-d12	21.998	240	524674	20.000	ng		0.00
86) Perylene-d12	25.546	264	644153	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.781	112	252005	41.763	ng		0.00
7) Phenol-d6	7.409	99	373101	42.625	ng		0.00
23) Nitrobenzene-d5	9.489	82	235250	30.086	ng		0.00
42) 2,4,6-Tribromophenol	16.410	330	149942	47.879	ng		0.00
45) 2-Fluorobiphenyl	13.543	172	546118	27.321	ng		0.00
79) Terphenyl-d14	20.253	244	867754	29.895	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	10.229	139	120	2.272	ng	#	10
31) Naphthalene	11.187	128	415186	18.266	ng		100
32) Benzoic acid	10.294	122	577	6.131	ng		90
33) 4-Chloroaniline	11.187	127	56001	5.843	ng	#	35
37) 2-Methylnaphthalene	12.767	142	182864	11.648	ng		97
38) 1-Methylnaphthalene	12.767	142	182864	12.410	ng		93
46) 1,1'-Biphenyl	13.760	154	41445	2.018	ng		96
49) Acenaphthylene	14.659	152	100032	3.961	ng		98
51) 2,6-Dinitrotoluene	14.877	165	8322	2.228	ng	#	55
52) Acenaphthene	14.988	154	286279	18.969	ng		100
54) 2,4-Dinitrophenol	14.976	184	173	6.927	ng	#	1
55) Dibenzofuran	15.317	168	318053	13.016	ng		99
56) 4-Nitrophenol	15.317	139	122677	38.231	ng	#	1
58) Fluorene	15.964	166	482706	24.690	ng		97
65) 4,6-Dinitro-2-methylph...	16.040	198	189	4.881	ng	#	1
71) Phenanthrene	17.720	178	3410617	112.439	ng		96
72) Anthracene	17.808	178	1147266	37.407	ng		98
73) Carbazole	18.085	167	332094	12.453	ng		99
75) Fluoranthene	19.718	202	4680511	139.497	ng		88
78) Pyrene	20.082	202	4431169	121.020	ng	#	86
81) Benzo(a)anthracene	21.980	228	2802424	77.575	ng		96
83) Chrysene	22.051	228	2531279	72.163	ng		94
87) Indeno(1,2,3-cd)pyrene	29.665	276	1539256	35.032	ng	#	91
88) Benzo(b)fluoranthene	24.407	252	3457828	97.576	ng		97
89) Benzo(k)fluoranthene	24.407	252	3457828	92.879	ng		96
90) Benzo(a)pyrene	25.388	252	2695572	77.587	ng		96
91) Dibenzo(a,h)anthracene	29.724	278	333161	8.932	ng	#	85
92) Benzo(g,h,i)perylene	30.964	276	1352110	37.440	ng		97

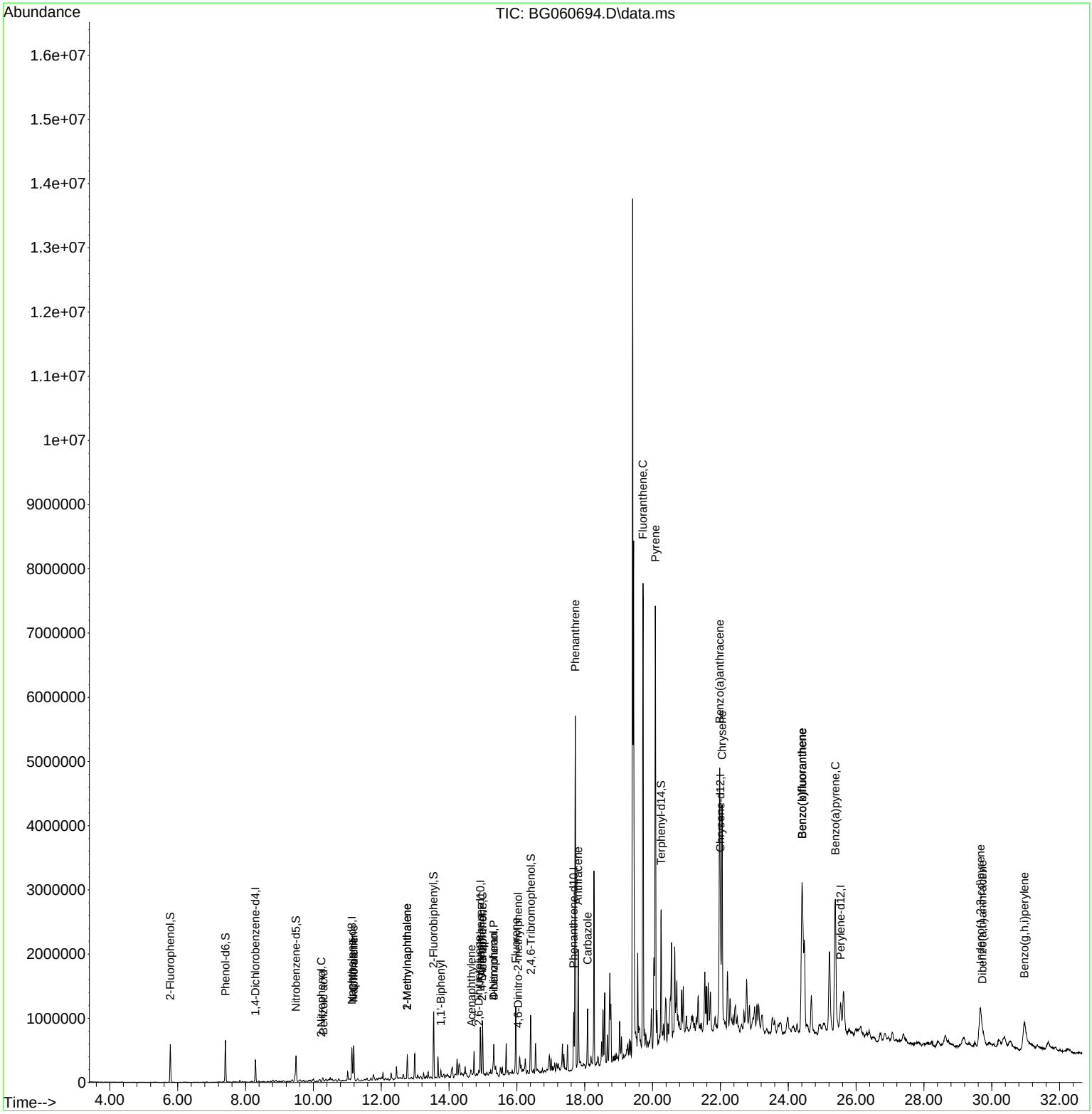
(#) = qualifier out of range (m) = manual integration (+) = signals summed

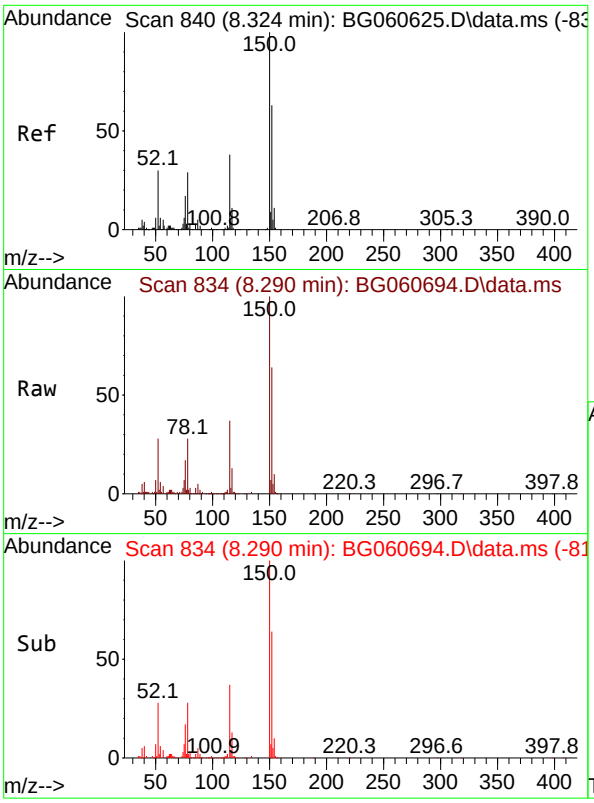
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Time: Mar 20 17:14:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration



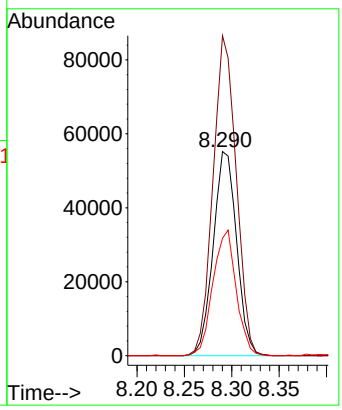


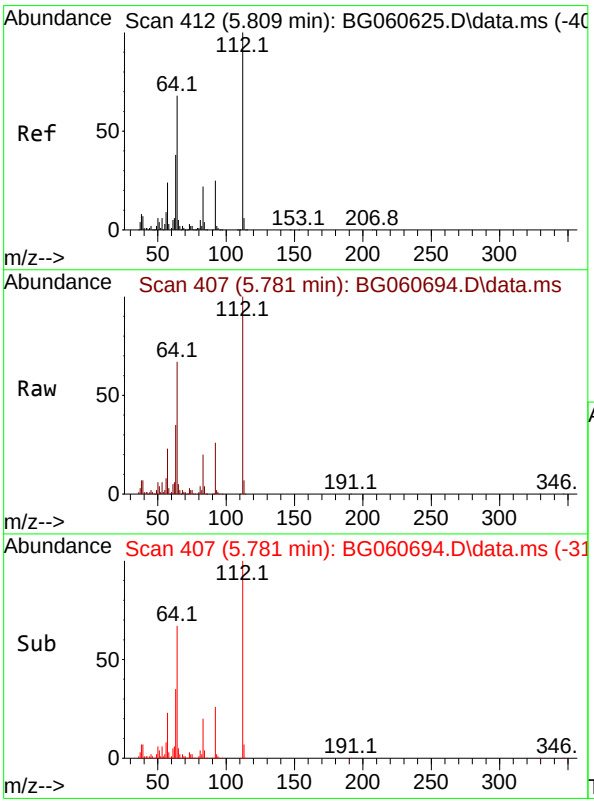
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.290 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:152 Resp: 94856

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	190.0
115	57.5	47.8	71.8

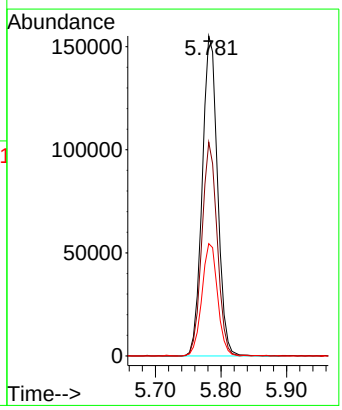


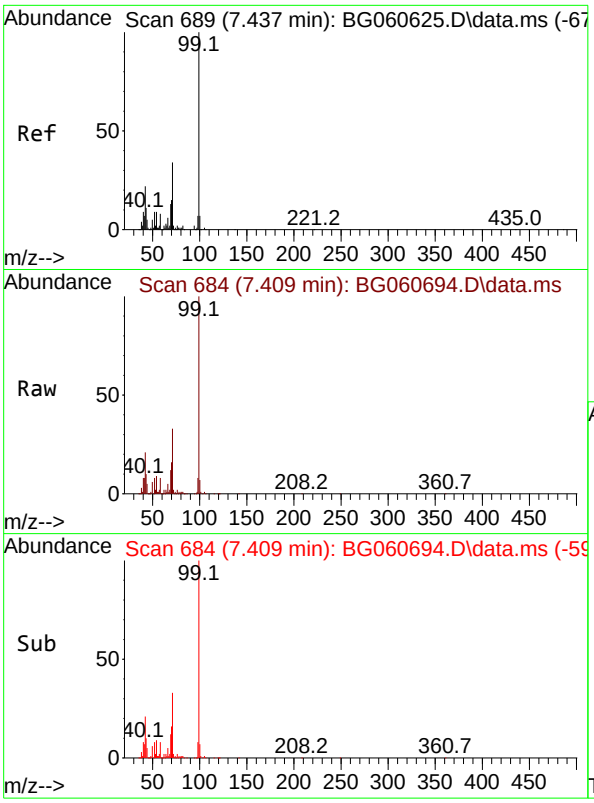


#5
2-Fluorophenol
Concen: 41.763 ng
RT: 5.781 min Scan# 407
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:112 Resp: 252005

Ion	Ratio	Lower	Upper
112	100		
64	66.8	54.1	81.1
63	35.1	30.3	45.5



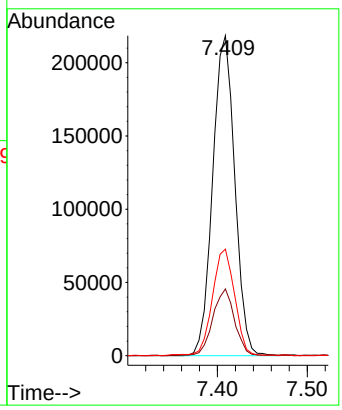


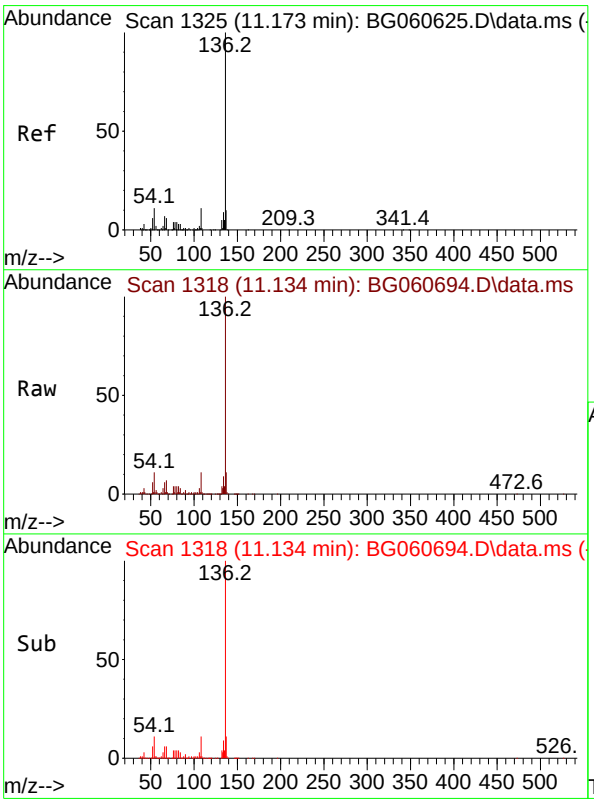
#7
Phenol-d6
Concen: 42.625 ng
RT: 7.409 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion: 99 Resp: 373101

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.5	26.3
71	33.3	27.4	41.0

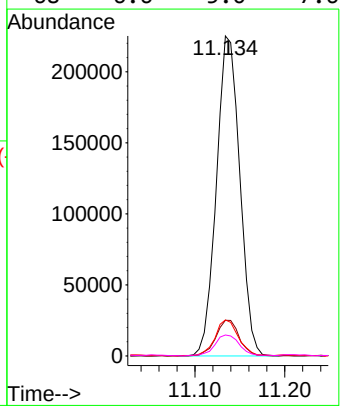


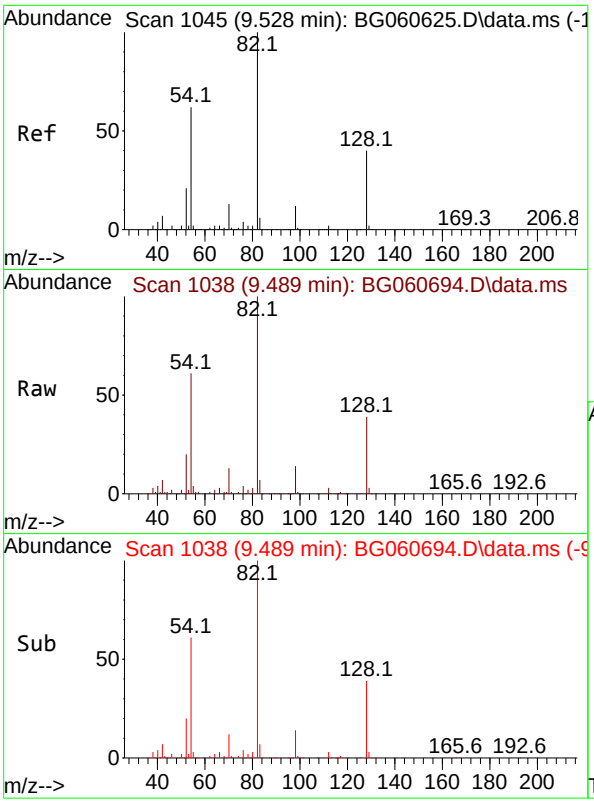


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:136 Resp: 406938

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.2	8.5	12.7
68	6.6	5.0	7.6



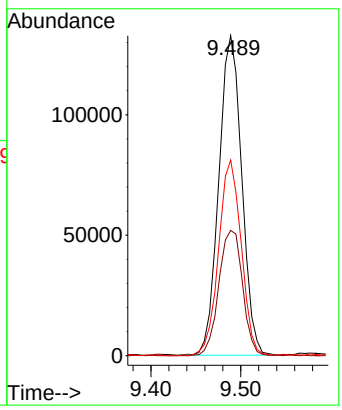


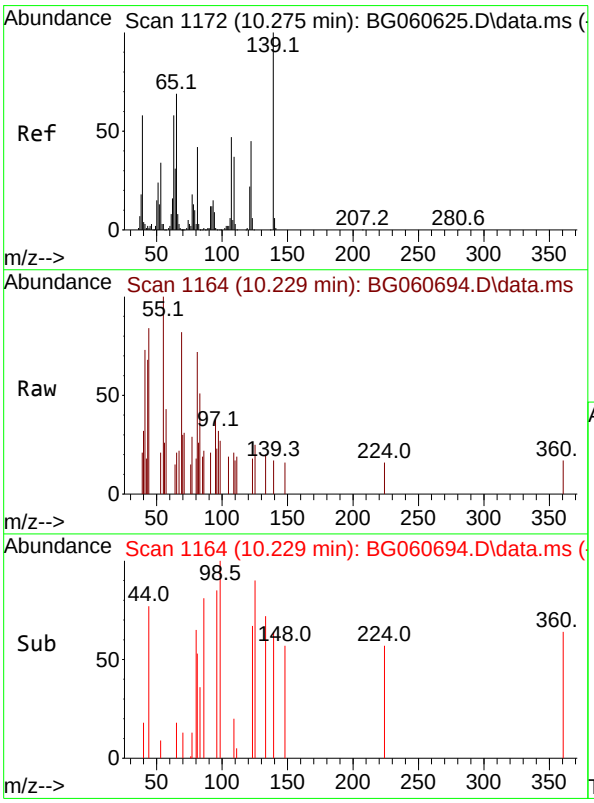
#23
Nitrobenzene-d5
Concen: 30.086 ng
RT: 9.489 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion: 82 Resp: 235250

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.6	47.4
54	61.2	49.3	73.9

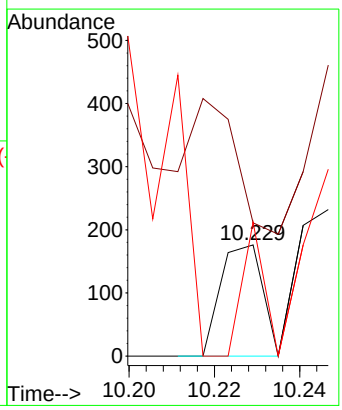


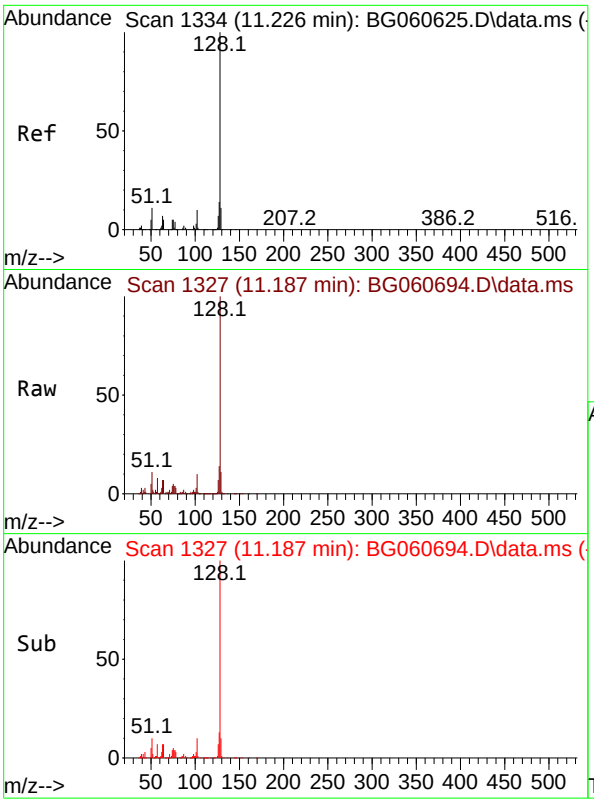


#26
2-Nitrophenol
Concen: 2.272 ng
RT: 10.229 min Scan# 1164
Delta R.T. -0.010 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:139 Resp: 120

Ion	Ratio	Lower	Upper
139	100		
109	119.9	29.5	44.3#
65	120.5	55.0	82.4#



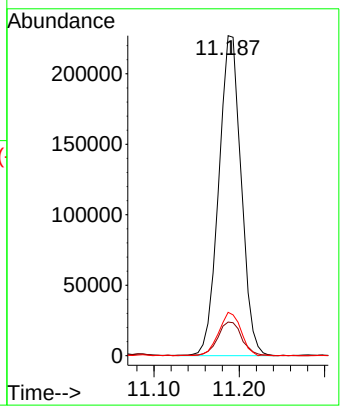


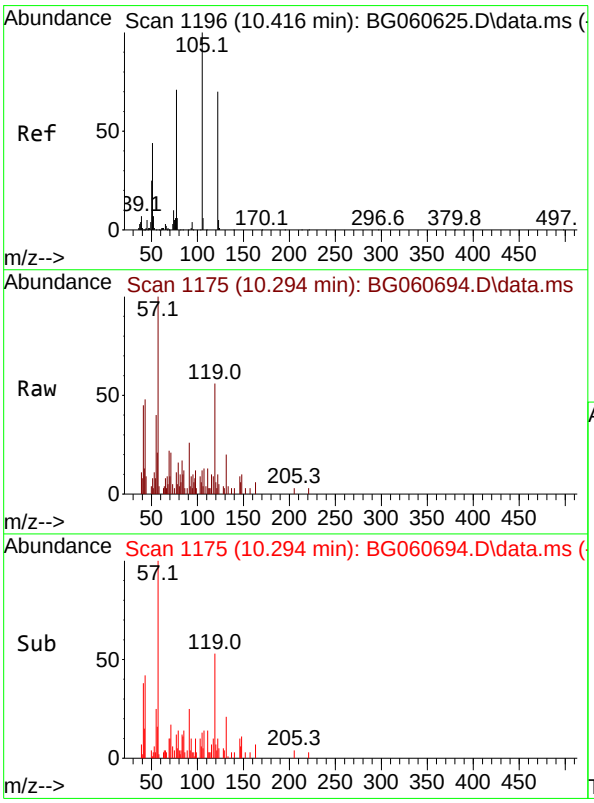
#31
Naphthalene
Concen: 18.266 ng
RT: 11.187 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:128 Resp: 415186

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.6	11.0	16.4

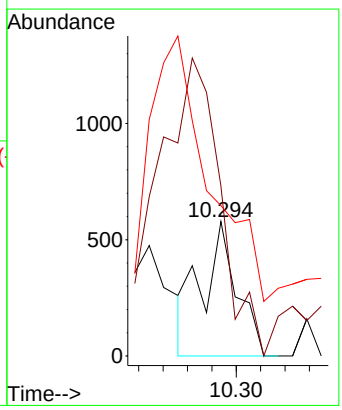


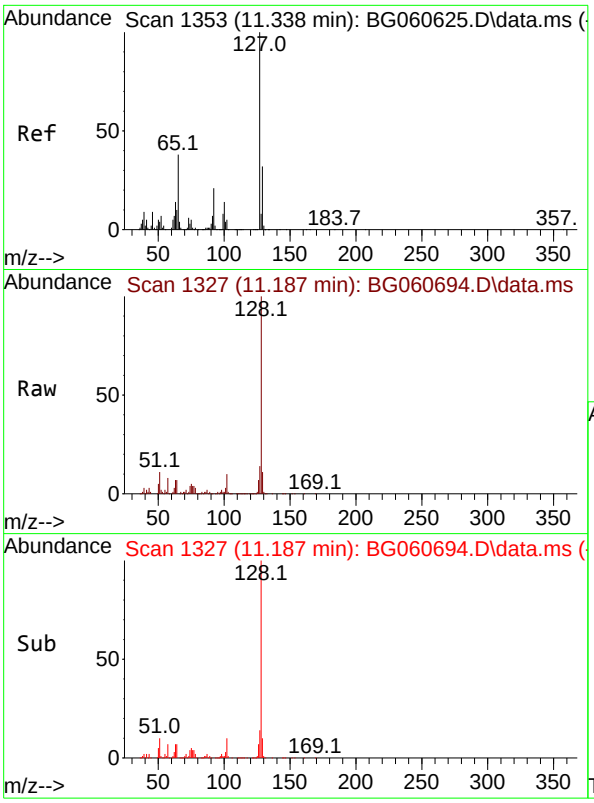


#32
Benzoic acid
Concen: 6.131 ng
RT: 10.294 min Scan# 1175
Delta R.T. -0.074 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:122 Resp: 577

Ion	Ratio	Lower	Upper
122	100		
105	126.5	115.0	155.0
77	111.9	79.0	119.0



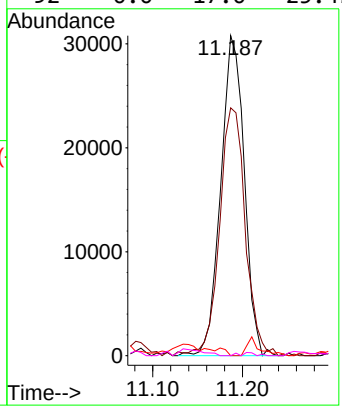


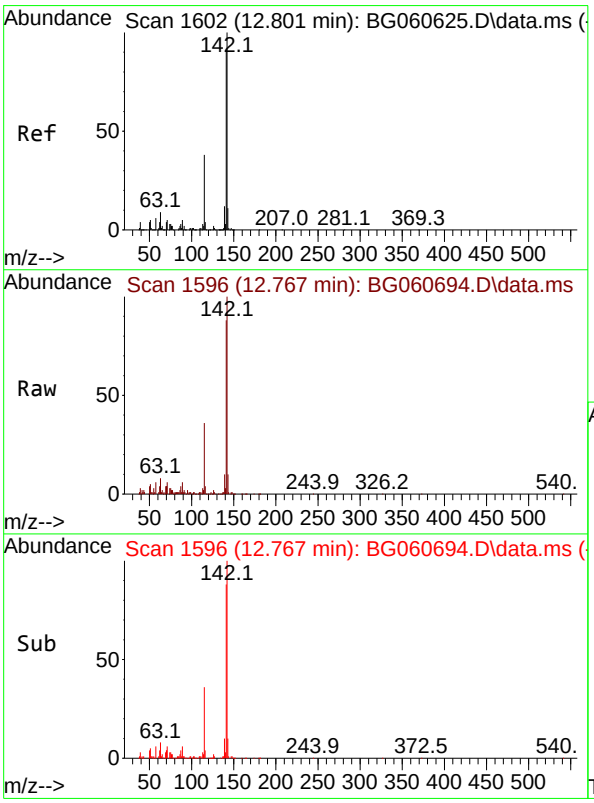
#33
4-Chloroaniline
Concen: 5.843 ng
RT: 11.187 min Scan# 1
Delta R.T. -0.116 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:127 Resp: 56001

Ion	Ratio	Lower	Upper
127	100		
129	77.5	25.6	38.4#
65	0.0	30.2	45.4#
92	0.0	17.0	25.4#

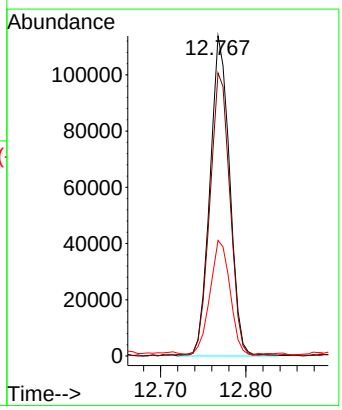


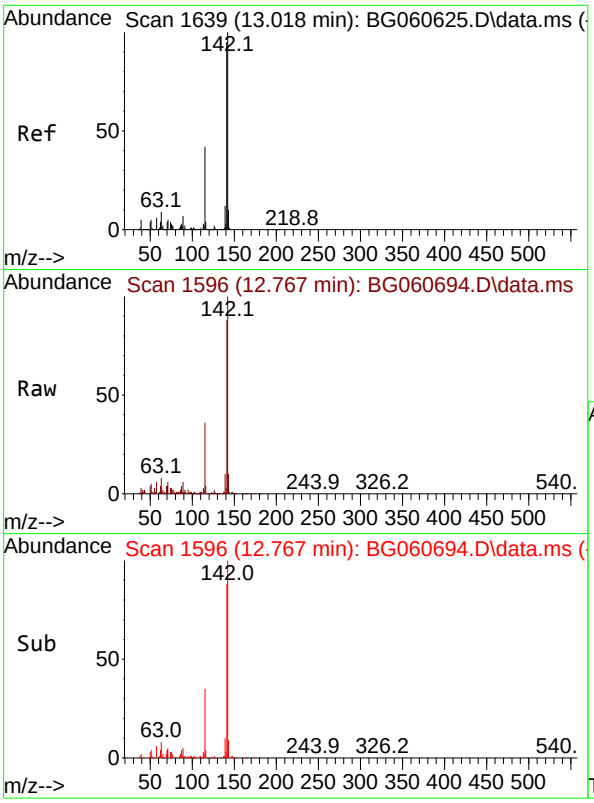


#37
2-Methylnaphthalene
Concen: 11.648 ng
RT: 12.767 min Scan# 1596
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:142 Resp: 182864

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.7	109.1
115	36.1	30.2	45.2



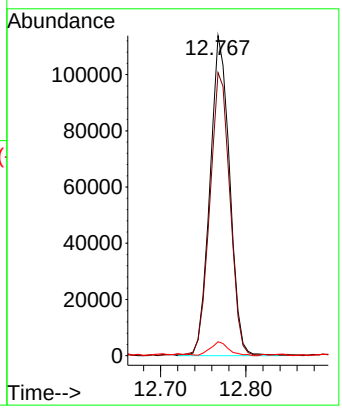


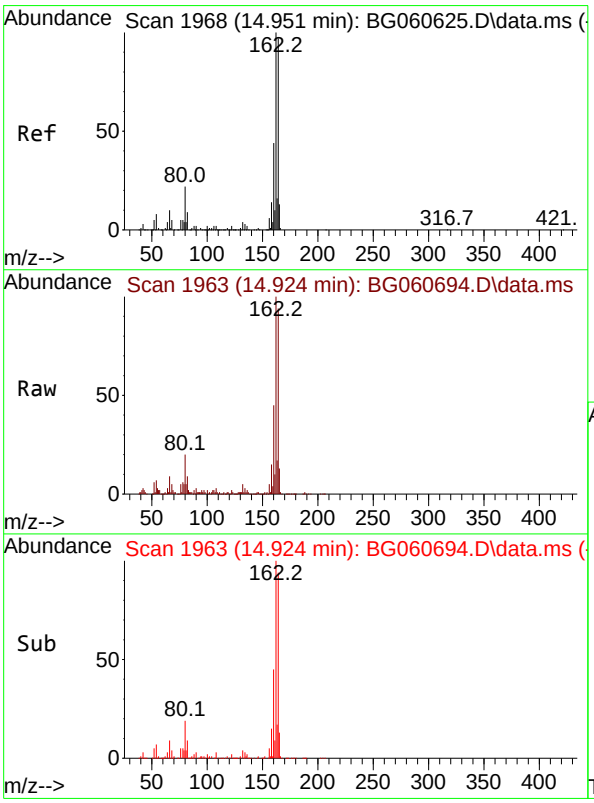
#38
1-Methylnaphthalene
Concen: 12.410 ng
RT: 12.767 min Scan# 1
Delta R.T. -0.221 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:142 Resp: 182864

Ion	Ratio	Lower	Upper
142	100		
141	88.4	76.3	114.5
116	4.3	3.4	5.2

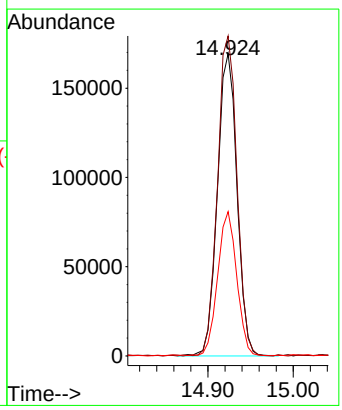


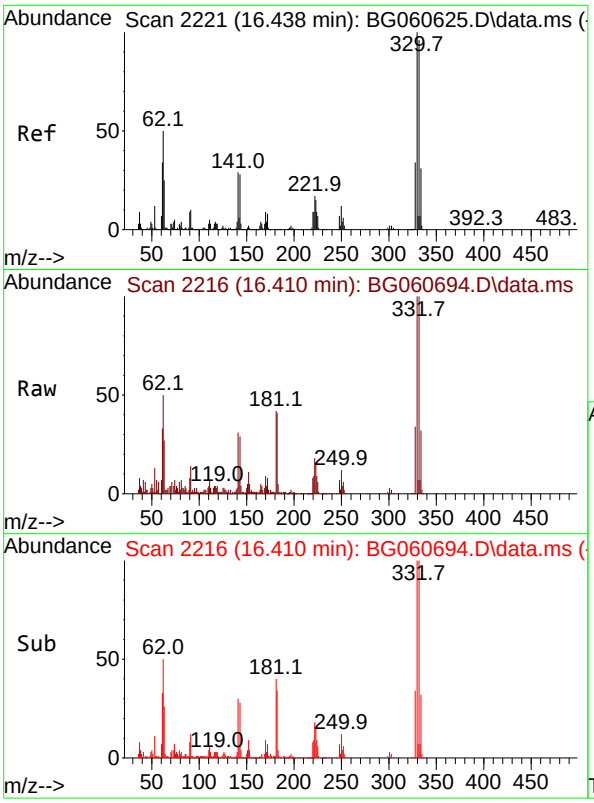


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1963
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:164 Resp: 270256

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.5	123.7
160	47.7	36.4	54.6



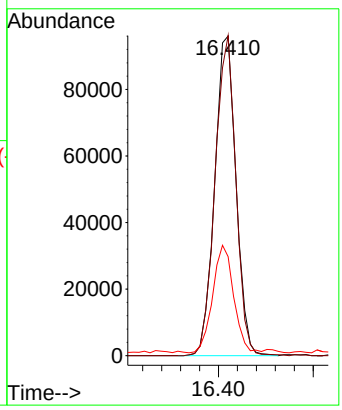


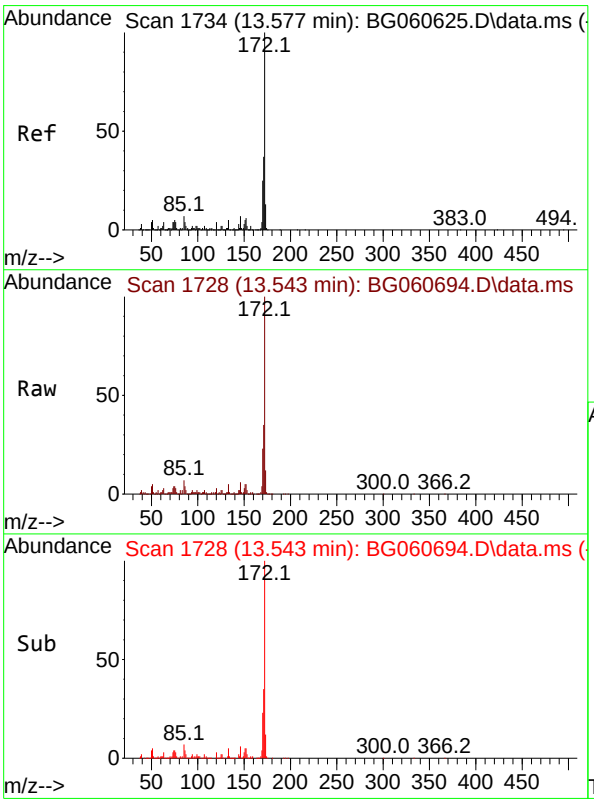
#42
2,4,6-Tribromophenol
Concen: 47.879 ng
RT: 16.410 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:330 Resp: 149942

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.8	116.8
141	33.1	25.4	38.2

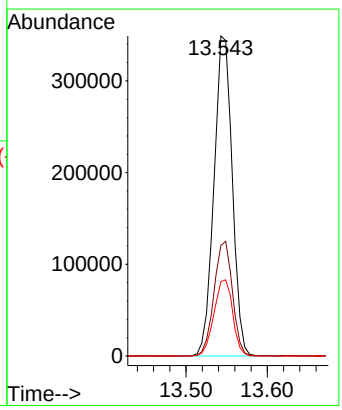


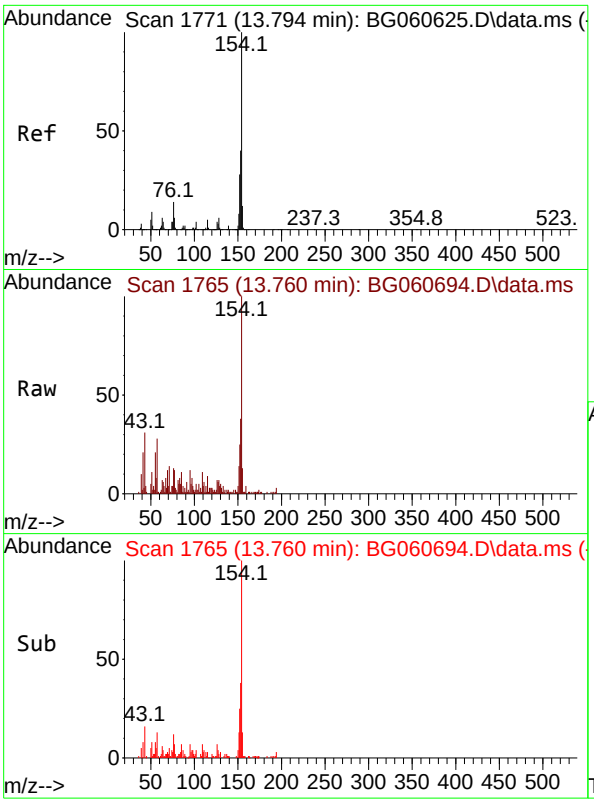


#45
2-Fluorobiphenyl
Concen: 27.321 ng
RT: 13.543 min Scan# 1728
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:172 Resp: 546118

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	23.2	19.8	29.6



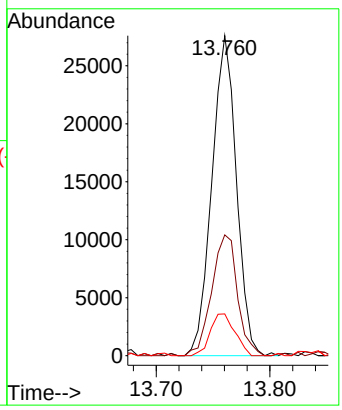


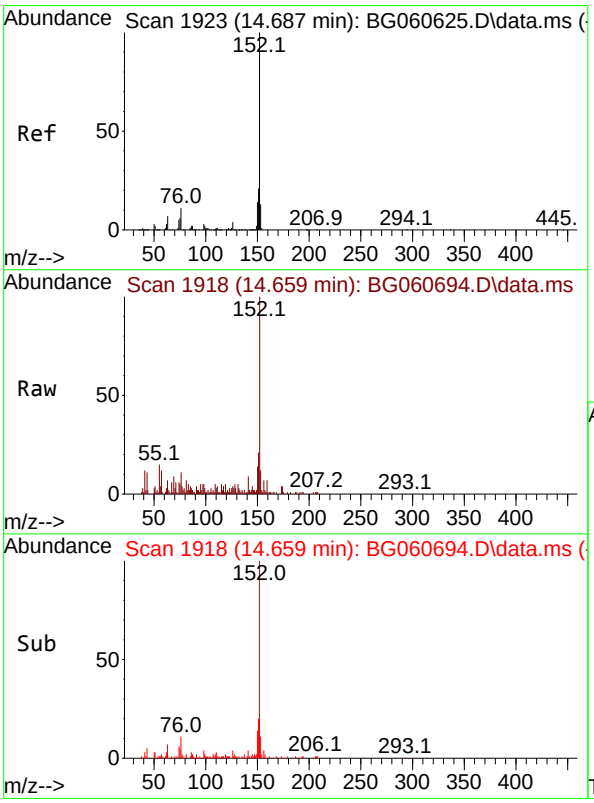
#46
1,1'-Biphenyl
Concen: 2.018 ng
RT: 13.760 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:154 Resp: 41445

Ion	Ratio	Lower	Upper
154	100		
153	37.7	20.4	60.4
76	13.0	0.0	34.3

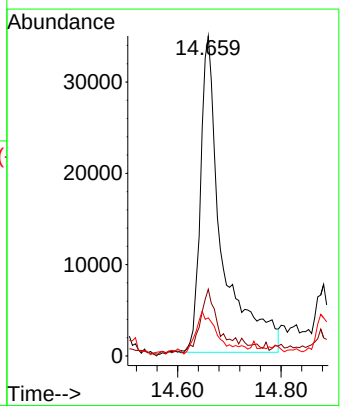


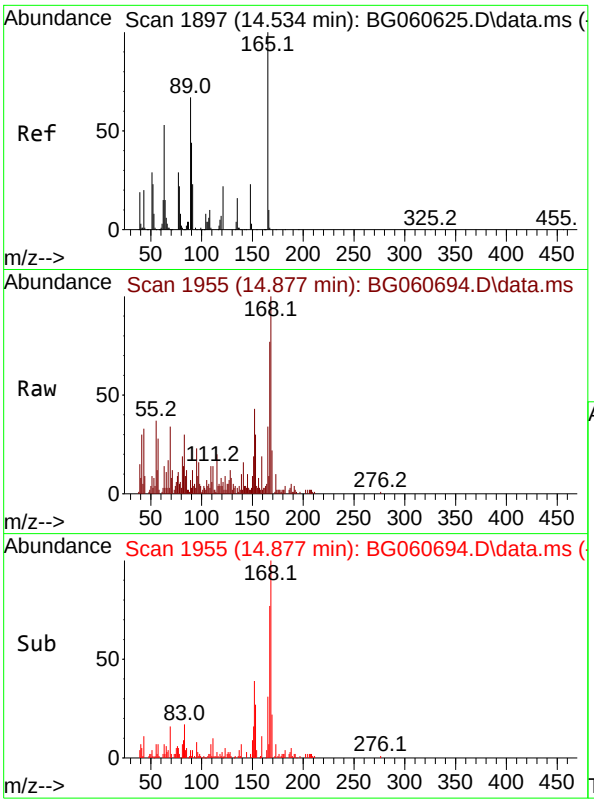


#49
Acenaphthylene
Concen: 3.961 ng
RT: 14.659 min Scan# 1918
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:152 Resp: 100032

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	11.9	10.3	15.5



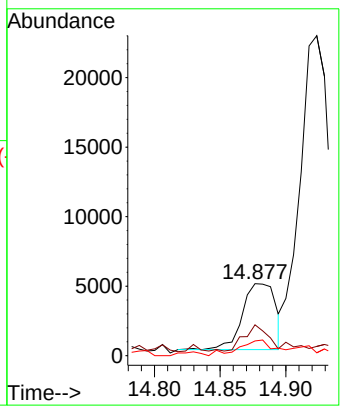


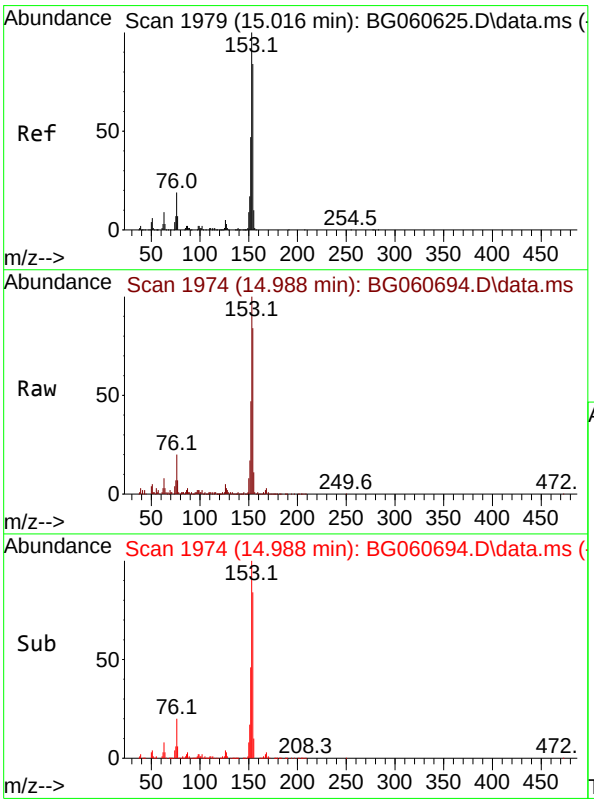
#51
2,6-Dinitrotoluene
Concen: 2.228 ng
RT: 14.877 min Scan# 1
Delta R.T. 0.366 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:165 Resp: 8322

Ion	Ratio	Lower	Upper
165	100		
63	42.9	55.8	83.6#
89	20.5	54.1	81.1#

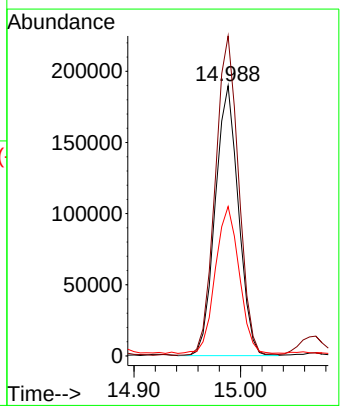


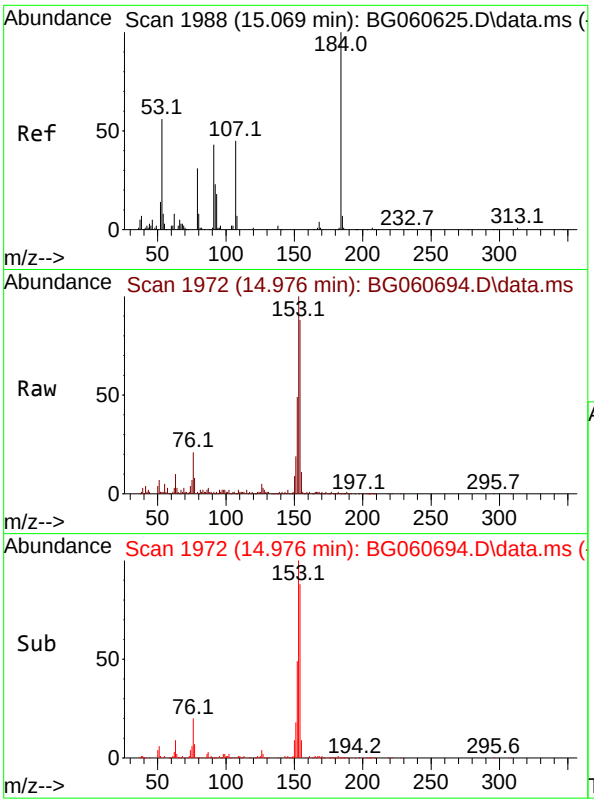


#52
Acenaphthene
Concen: 18.969 ng
RT: 14.988 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:154 Resp: 286279

Ion	Ratio	Lower	Upper
154	100		
153	118.4	94.8	142.2
152	55.3	44.8	67.2



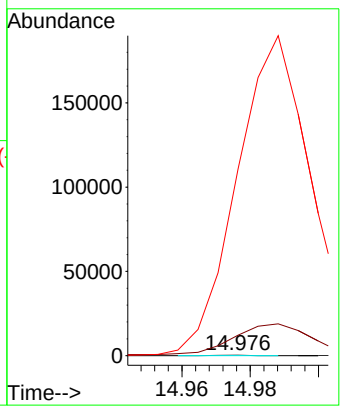


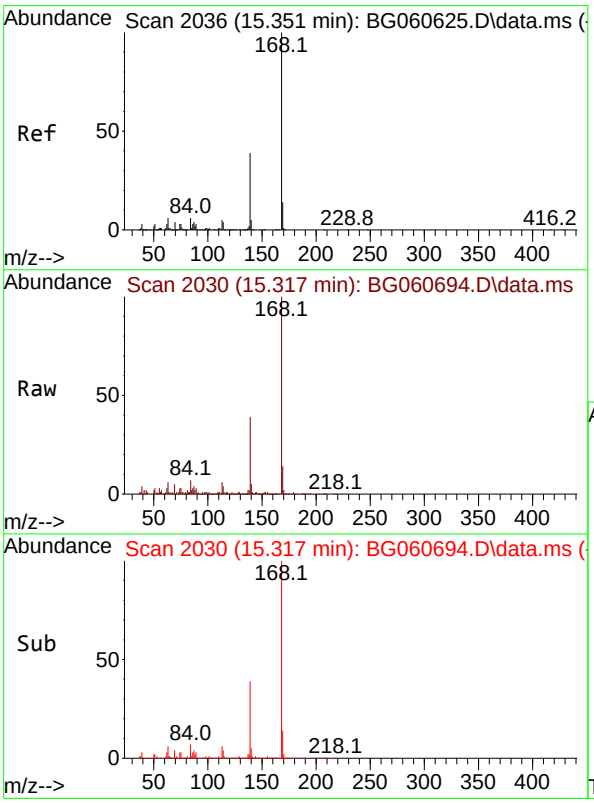
#54
2,4-Dinitrophenol
Concen: 6.927 ng
RT: 14.976 min Scan# 1
Delta R.T. -0.069 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:184 Resp: 173

Ion	Ratio	Lower	Upper
184	100		
63	3849.8	54.4	81.6#
154	35131.4	50.4	75.6#

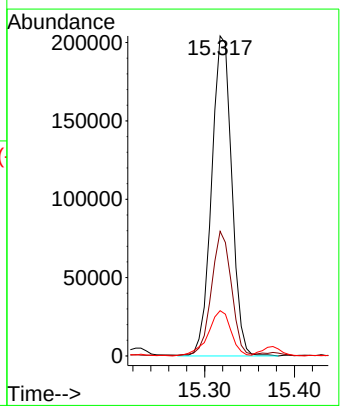


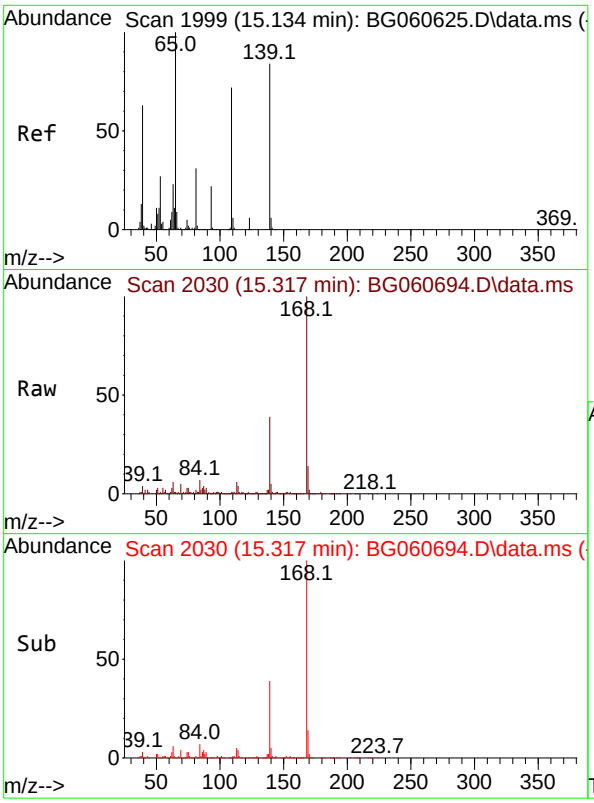


#55
Dibenzofuran
Concen: 13.016 ng
RT: 15.317 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:168 Resp: 318053

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.9	46.3
169	14.2	10.9	16.3



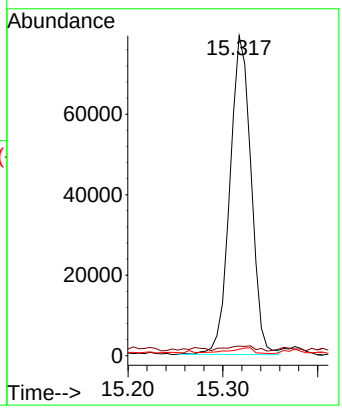


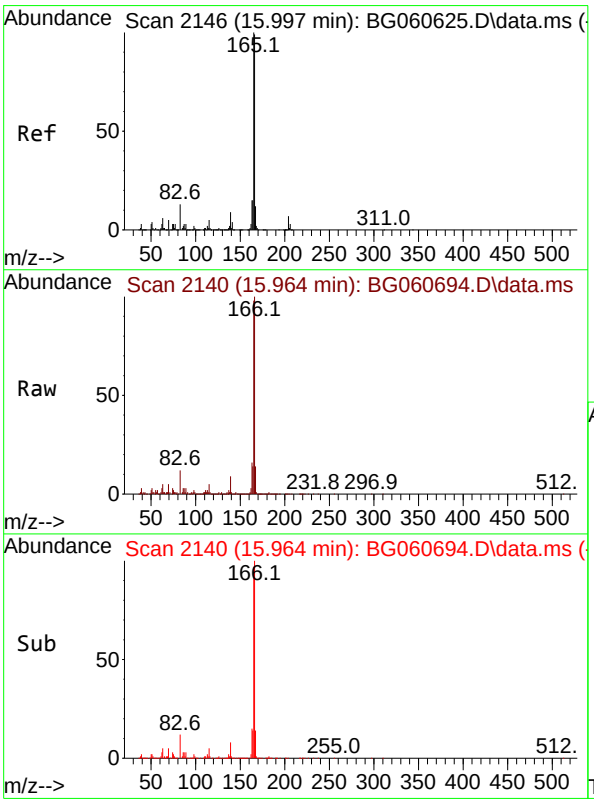
#56
4-Nitrophenol
Concen: 38.231 ng
RT: 15.317 min Scan# 2
Delta R.T. 0.202 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:139 Resp: 122677

Ion	Ratio	Lower	Upper
139	100		
109	3.0	66.1	106.1#
65	2.0	99.7	139.7#

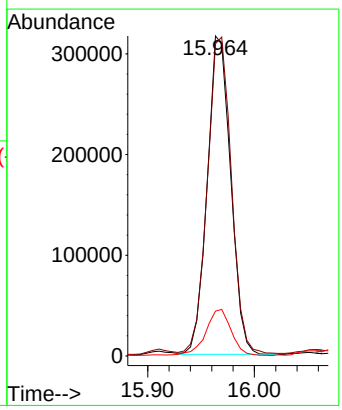


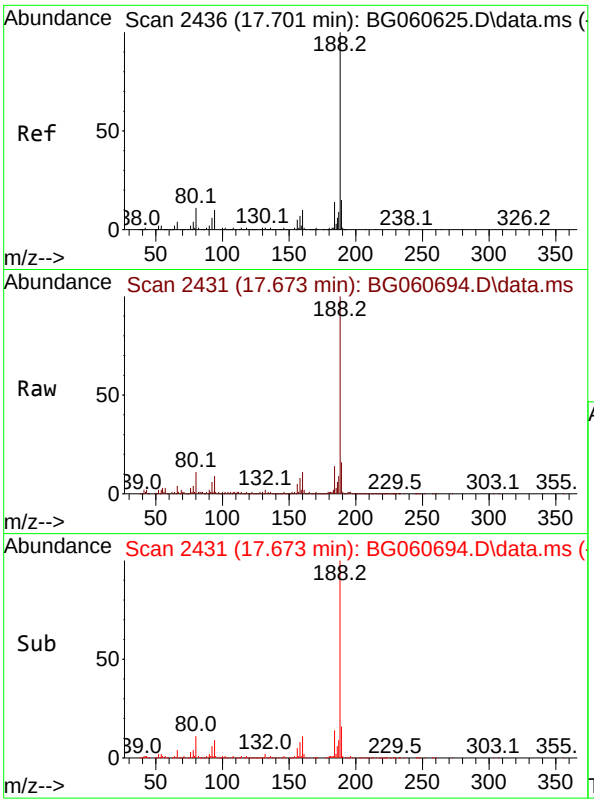


#58
Fluorene
Concen: 24.690 ng
RT: 15.964 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:166 Resp: 482706

Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.5	120.7
167	14.0	9.9	14.9



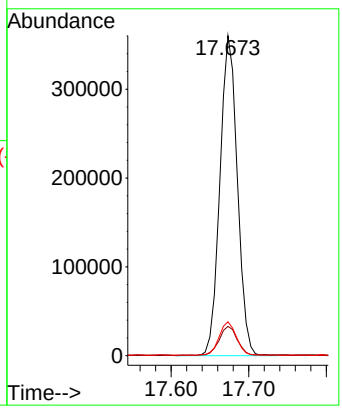


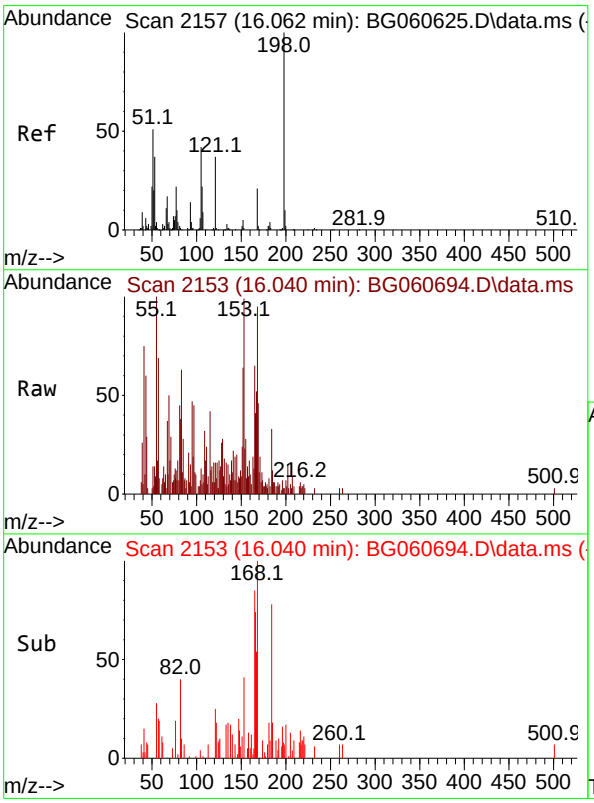
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.673 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:188 Resp: 563102

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.6	8.6	13.0

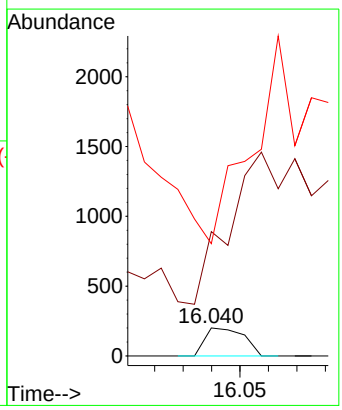


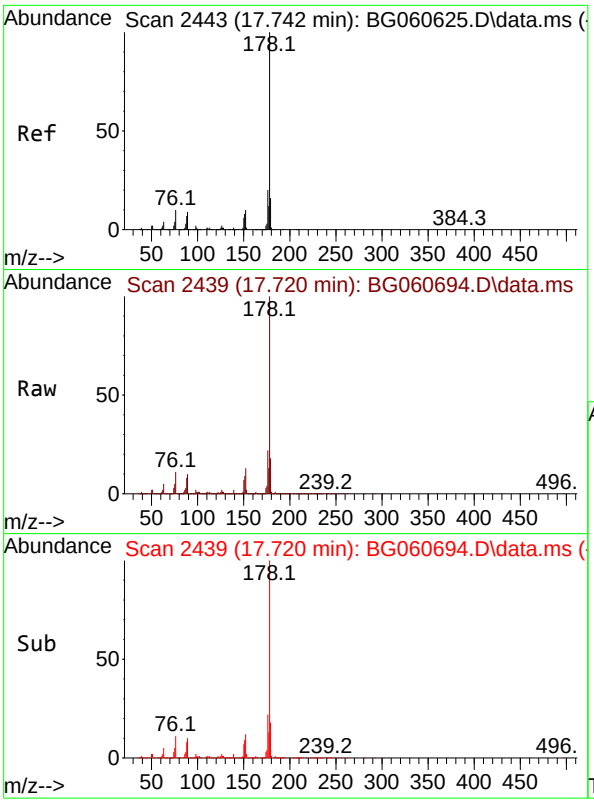


#65
4,6-Dinitro-2-methylphenol
Concen: 4.881 ng
RT: 16.040 min Scan# 2153
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:198 Resp: 189

Ion	Ratio	Lower	Upper
198	100		
51	445.0	36.9	76.9#
105	402.0	22.4	62.4#



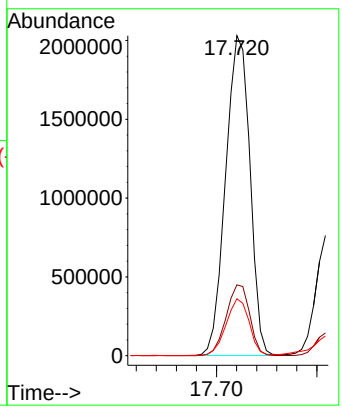


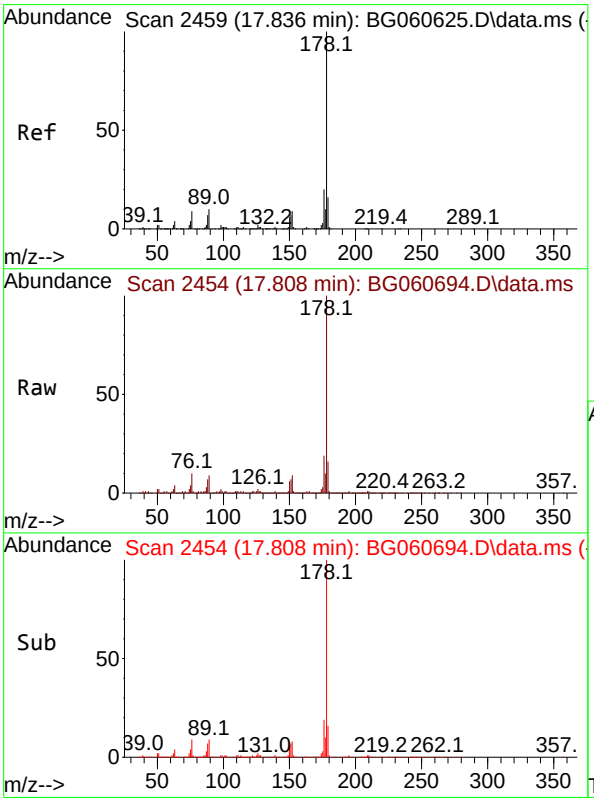
#71
Phenanthrene
Concen: 112.439 ng
RT: 17.720 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:178 Resp: 3410617

Ion	Ratio	Lower	Upper
178	100		
176	22.2	16.1	24.1
179	17.8	12.9	19.3

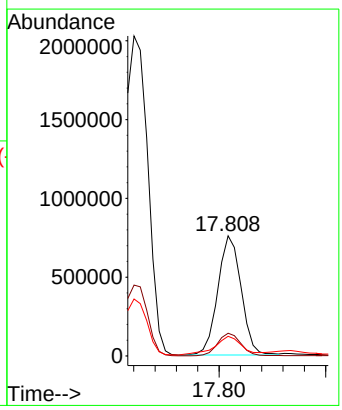


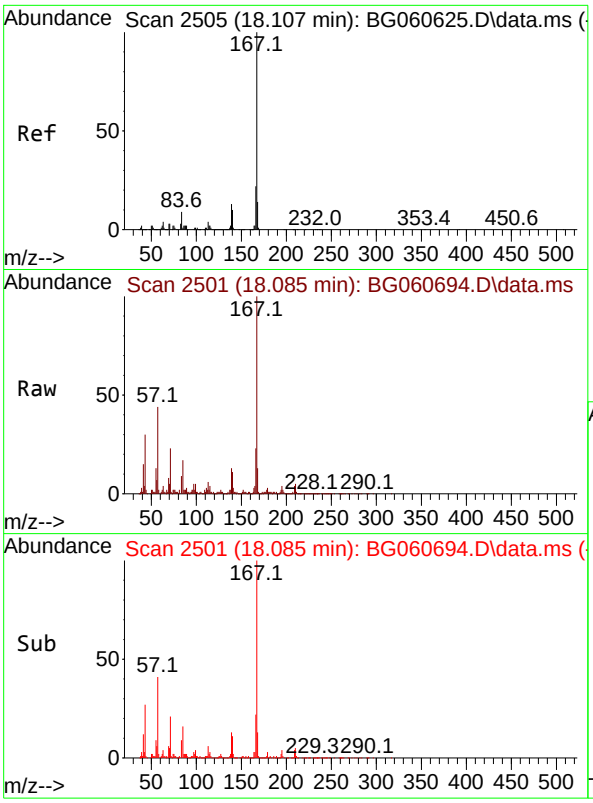


#72
Anthracene
Concen: 37.407 ng
RT: 17.808 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:178 Resp: 1147266

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	16.4	12.6	19.0



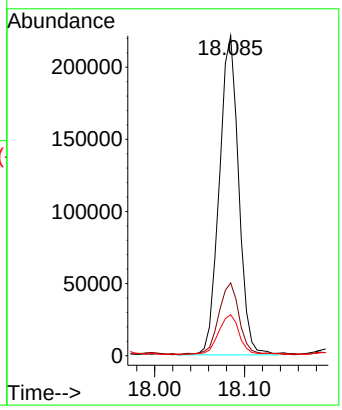


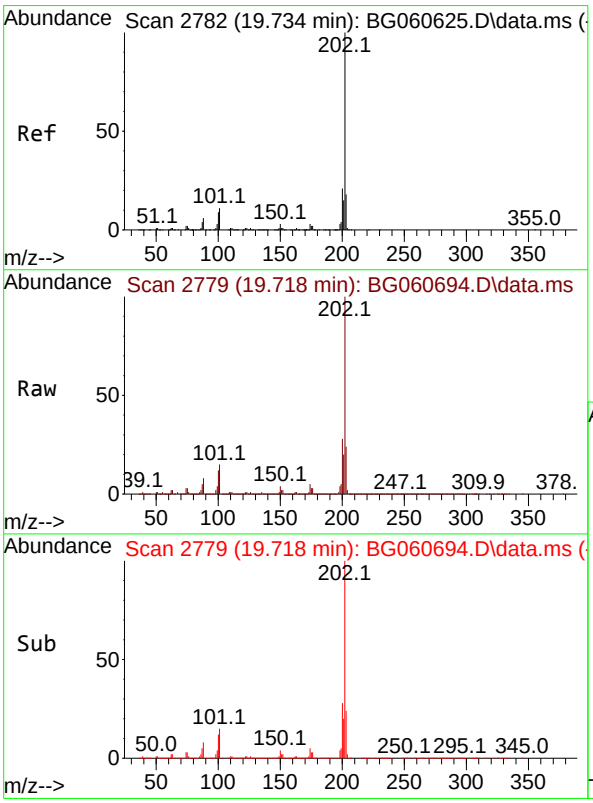
#73
Carbazole
Concen: 12.453 ng
RT: 18.085 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:167 Resp: 332094

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	12.8	10.7	16.1

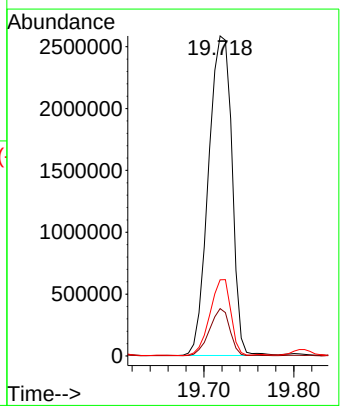


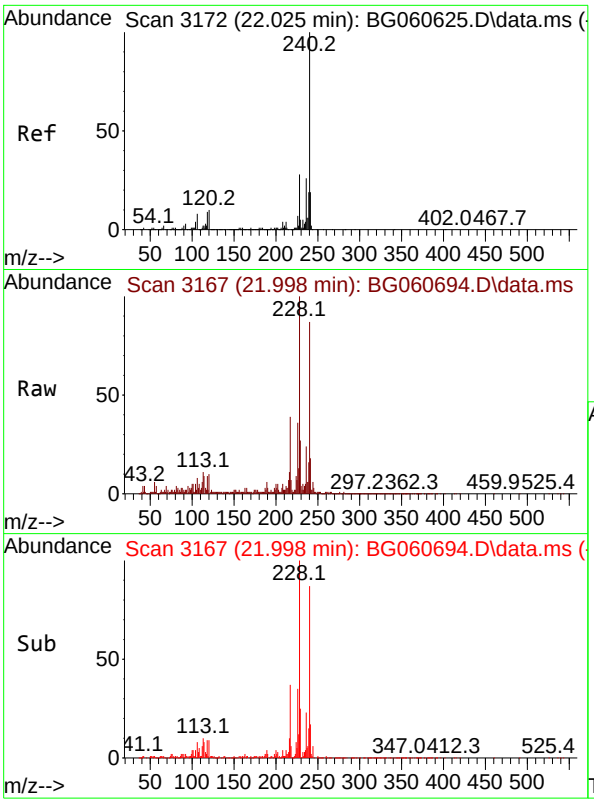


#75
Fluoranthene
Concen: 139.497 ng
RT: 19.718 min Scan# 2779
Delta R.T. 0.008 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:202 Resp: 4680511

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	31.2
203	23.8	0.0	38.0



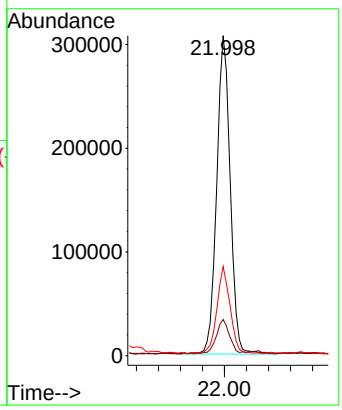


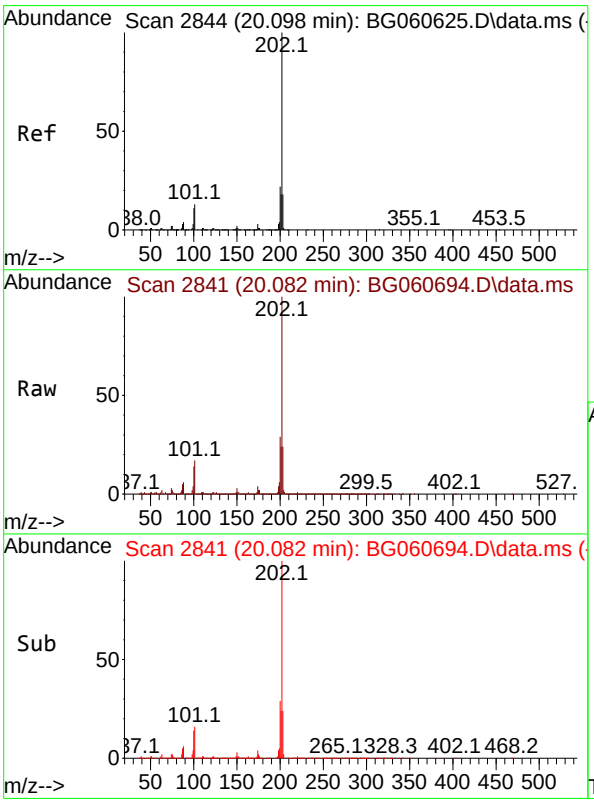
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.998 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:240 Resp: 524674

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.8	11.8
236	27.8	20.6	31.0

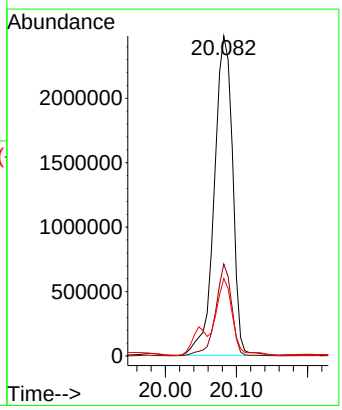


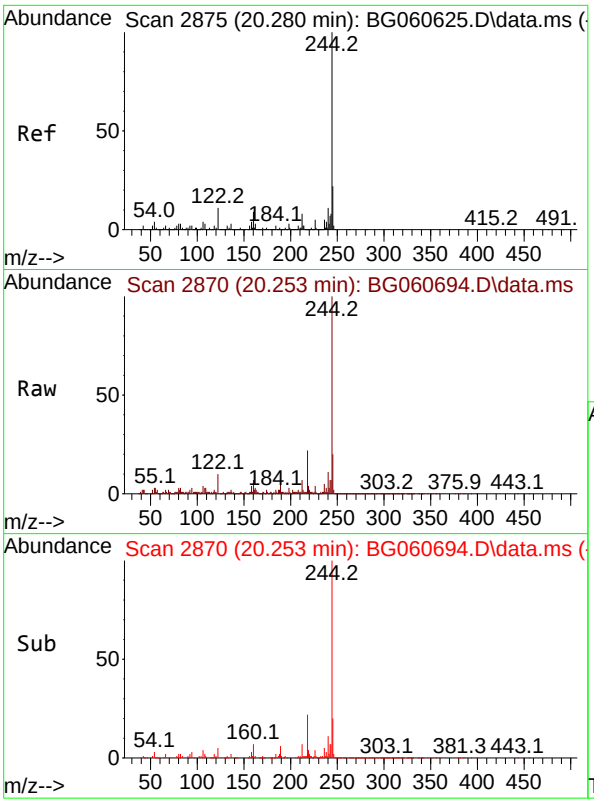


#78
Pyrene
Concen: 121.020 ng
RT: 20.082 min Scan# 2841
Delta R.T. 0.008 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:202 Resp: 4431169

Ion	Ratio	Lower	Upper
202	100		
200	28.8	17.9	26.9#
203	24.2	14.3	21.5#



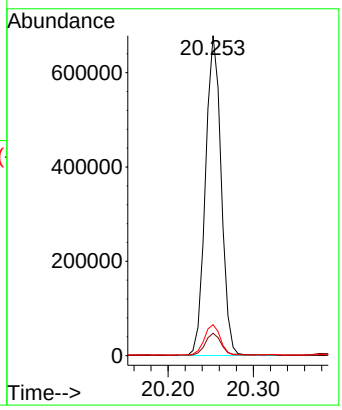


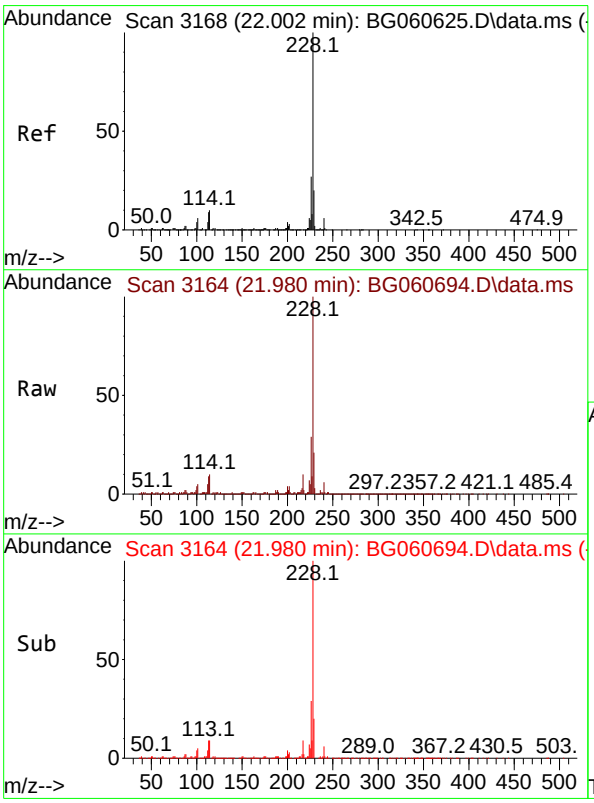
#79
Terphenyl-d14
Concen: 29.895 ng
RT: 20.253 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:244 Resp: 867754

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	9.7	8.5	12.7

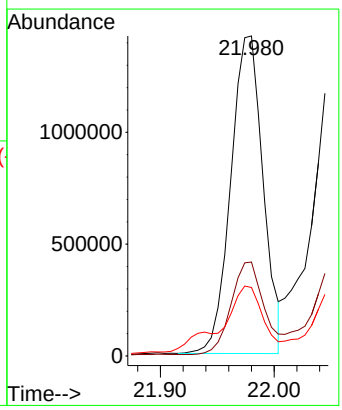


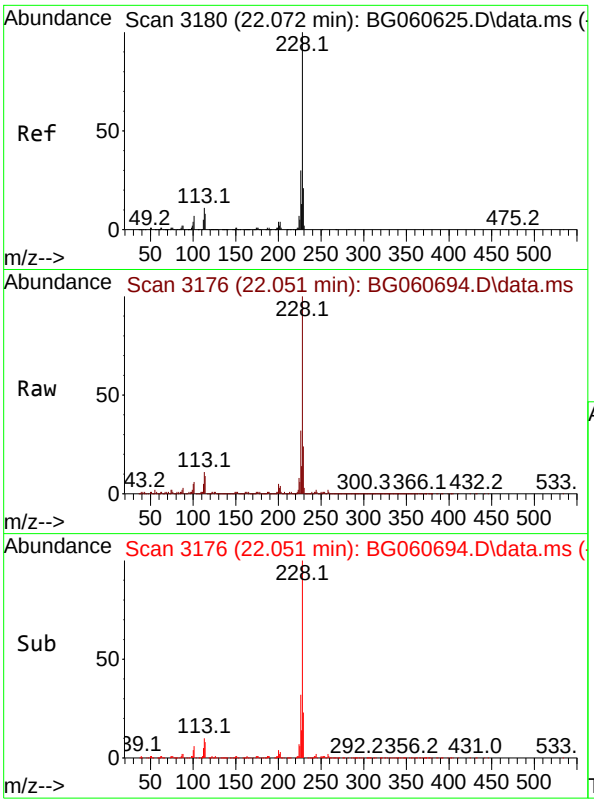


#81
Benzo(a)anthracene
Concen: 77.575 ng
RT: 21.980 min Scan# 3164
Delta R.T. 0.008 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:228 Resp: 2802424

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.8	32.8
229	21.4	15.8	23.6



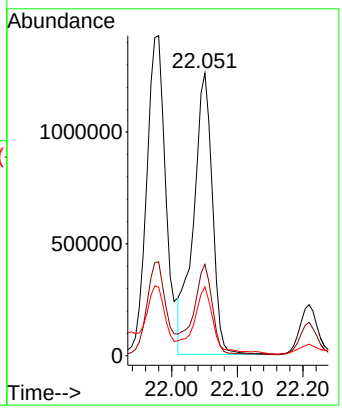


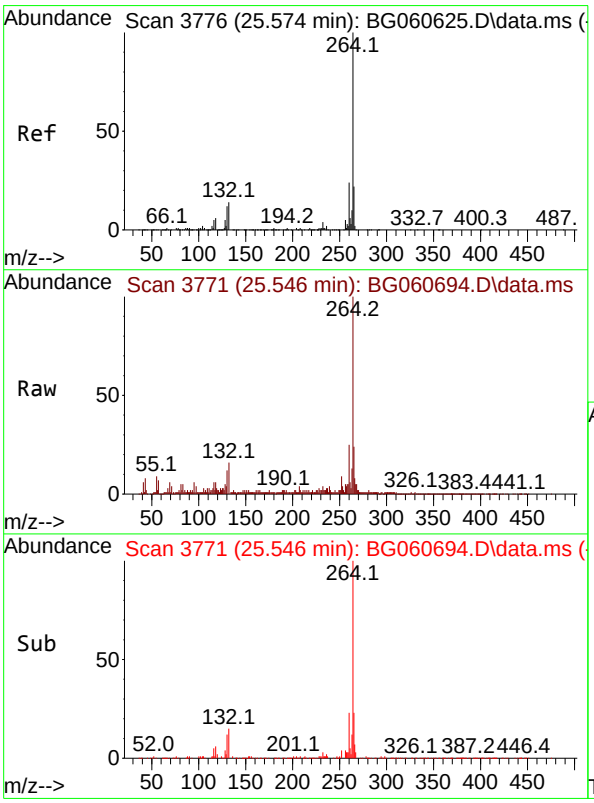
#83
Chrysene
Concen: 72.163 ng
RT: 22.051 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:228 Resp: 2531279

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.2
229	24.4	16.4	24.6

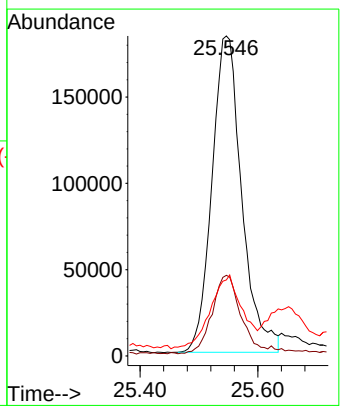


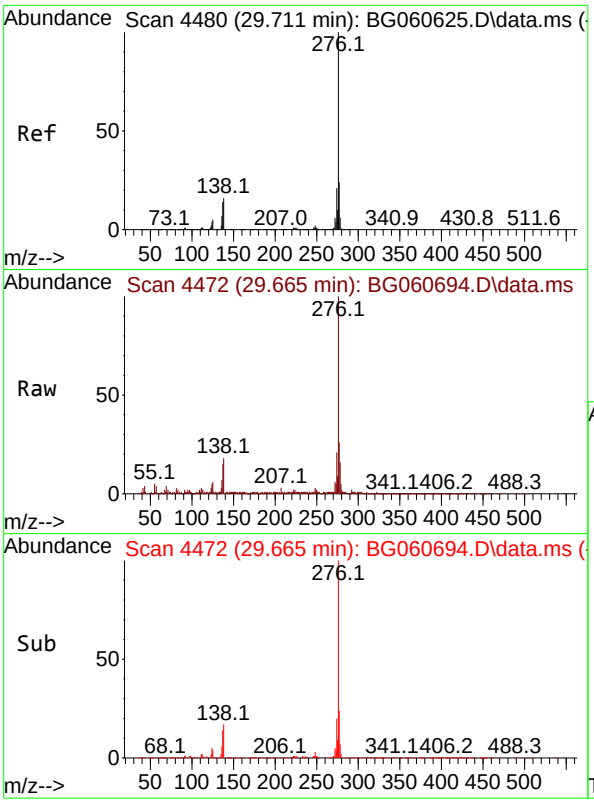


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.546 min Scan# 3771
Delta R.T. 0.020 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:264 Resp: 644153

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	23.7	18.1	27.1



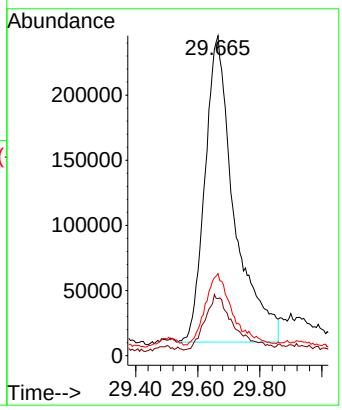


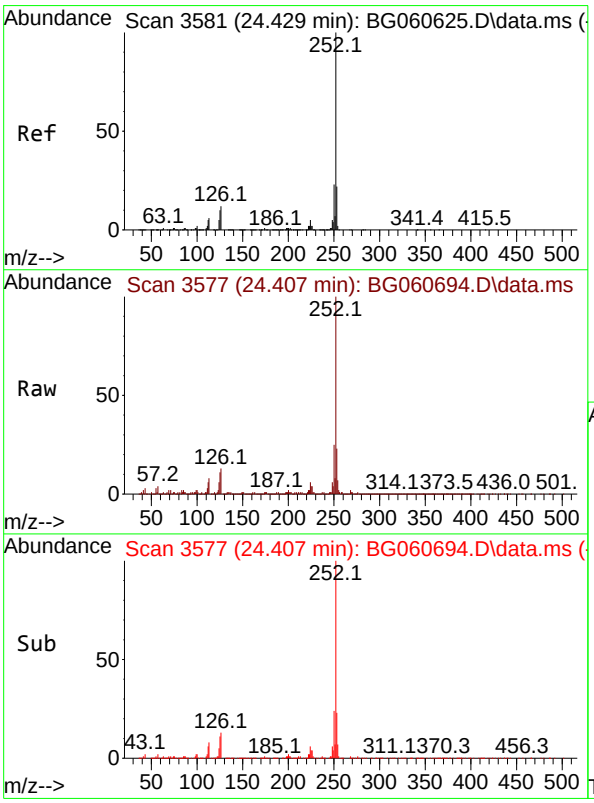
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.032 ng
RT: 29.665 min Scan# 44
Delta R.T. 0.031 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:276 Resp: 1539256

Ion	Ratio	Lower	Upper
276	100		
138	18.0	6.6	10.0#
277	21.5	16.7	25.1

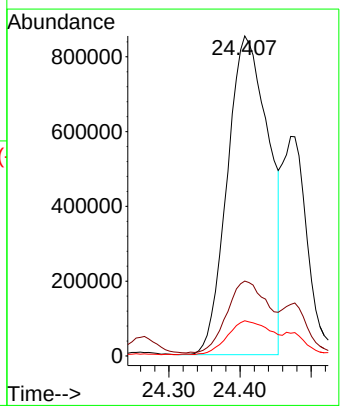


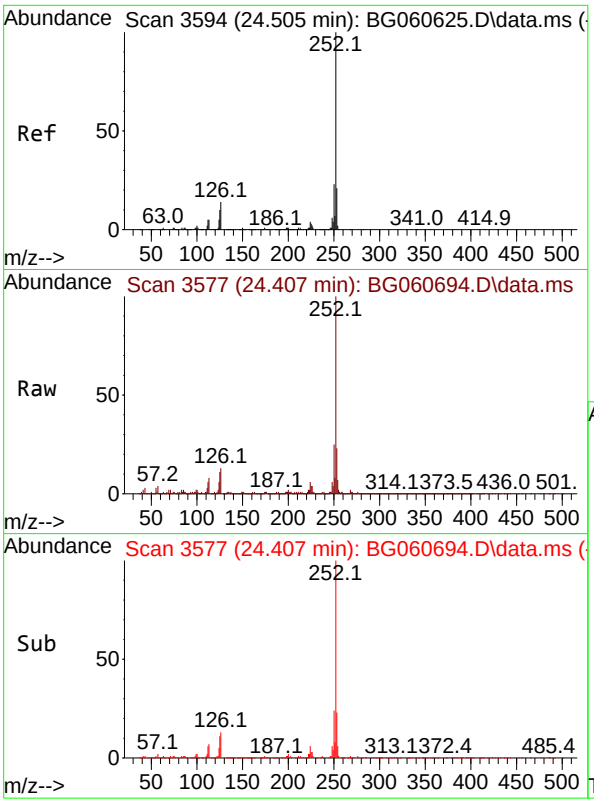


#88
Benzo(b)fluoranthene
Concen: 97.576 ng
RT: 24.407 min Scan# 3577
Delta R.T. 0.020 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:252 Resp: 3457828

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	11.0	7.8	11.6



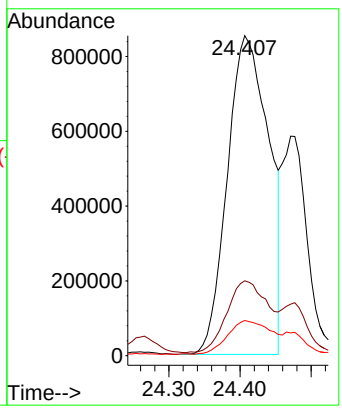


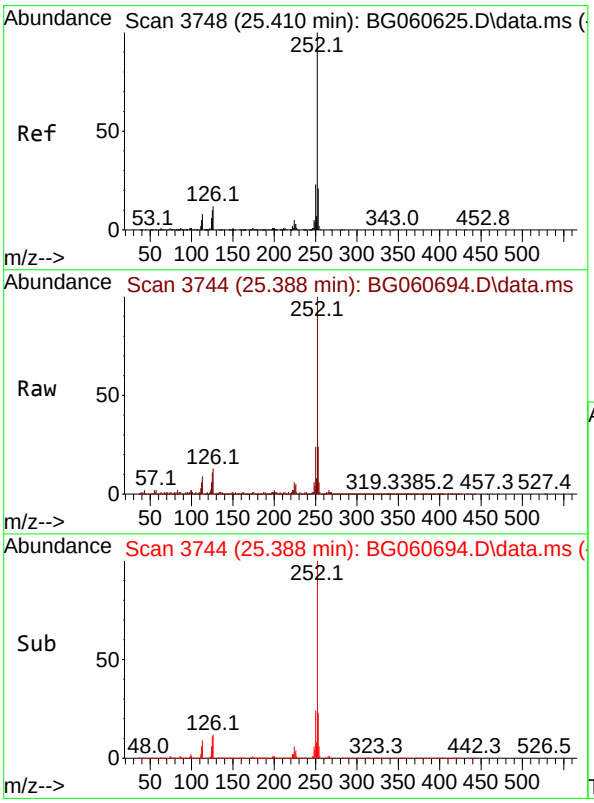
#89
Benzo(k)fluoranthene
Concen: 92.879 ng
RT: 24.407 min Scan# 3
Delta R.T. -0.051 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:252 Resp: 3457828

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.0	8.0	12.0

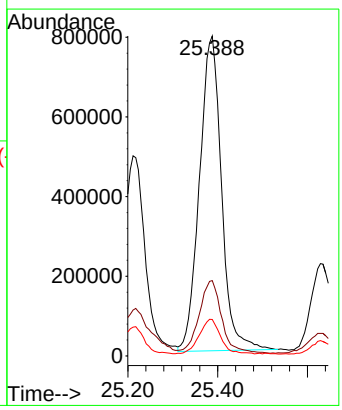


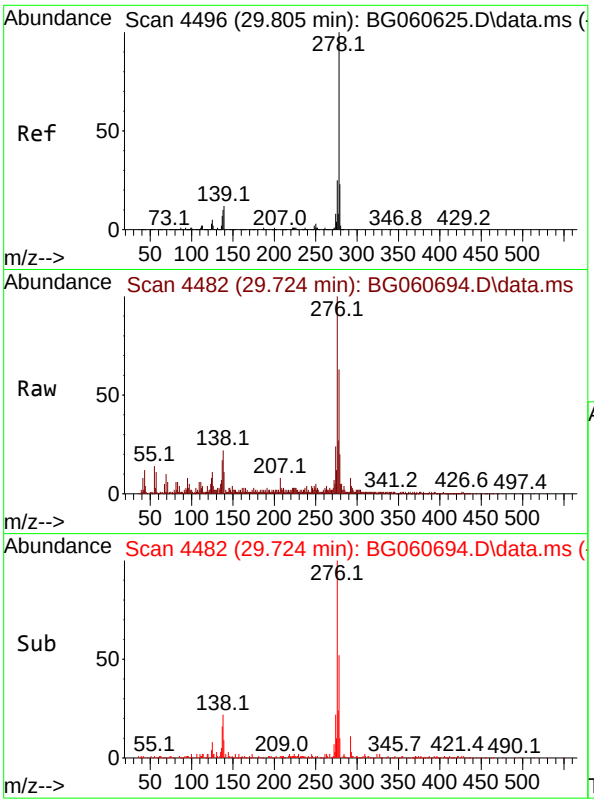


#90
Benzo(a)pyrene
Concen: 77.587 ng
RT: 25.388 min Scan# 3744
Delta R.T. 0.031 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:252 Resp: 2695572

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.4	8.2	12.2



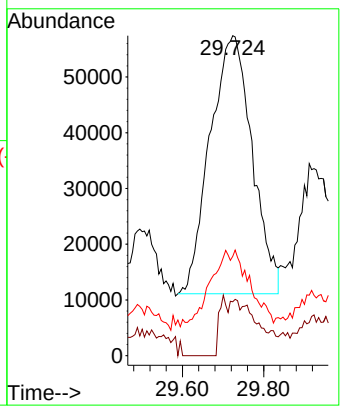


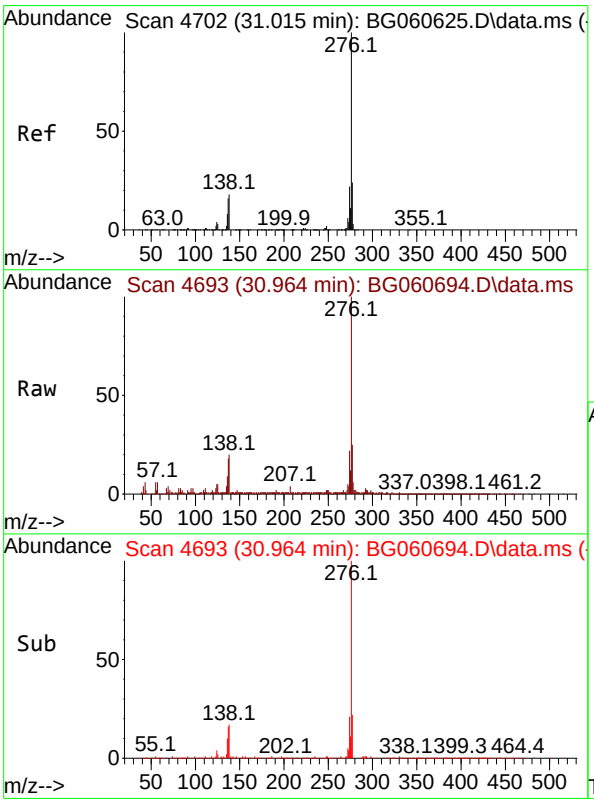
#91
Dibenzo(a,h)anthracene
Concen: 8.932 ng
RT: 29.724 min Scan# 4
Delta R.T. 0.008 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Tgt Ion:278 Resp: 333161

Ion	Ratio	Lower	Upper
278	100		
139	16.8	9.8	14.8#
279	31.0	18.4	27.6#





#92
Benzo(g,h,i)perylene
Concen: 37.440 ng
RT: 30.964 min Scan# 4693
Delta R.T. 0.025 min
Lab File: BG060694.D
Acq: 20 Mar 2024 16:37

Tgt Ion:276 Resp: 1352110

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	19.9	14.4	21.6