Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Apr 12 01:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	68473	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	268548	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	198490	20.000	ng	-0.01
64) Phenanthrene-d10	17.325	188	426100	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	381458	20.000	ng	-0.01
86) Perylene-d12	24.734	264	458458	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	313136	76.183	ng	0.00
7) Phenol-d6	7.114	99	451113	73.938	ng	0.00
23) Nitrobenzene-d5	9.100	82	305323	64.876	ng	-0.01
42) 2,4,6-Tribromophenol	16.062	330	220907	98.042	ng	-0.01
45) 2-Fluorobiphenyl	13.201	172	610006	45.104	ng	-0.02
79) Terphenyl-d14	19.946	244	905995	41.821	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.100	70	42155	9.060	ng	# 75
24) Nitrobenzene	9.106	77	1205	2.989	ng	# 40
31) Naphthalene	10.792	128	50926	3.506	ng	99
32) Benzoic acid	9.952	122	61	6.854	ng	# 35
48) 2-Nitroaniline	13.594	65	74	2.813	ng	# 11
49) Acenaphthylene	14.305	152	42420	2.370	ng	98
51) 2,6-Dinitrotoluene	14.576	165	24539	11.594	ng	# 19
52) Acenaphthene	14.640	154	61365	5.461	ng	98
53) 3-Nitroaniline	14.582	138	74	2.874	ng	# 1
55) Dibenzofuran	14.975	168	50174	2.831	ng	# 92
56) 4-Nitrophenol	14.975	139	19512	8.507	ng	# 1
57) 2,4-Dinitrotoluene	14.576	165	24539	9.774	ng	# 20
58) Fluorene	15.627	166	75346	5.296	ng	99
65) 4,6-Dinitro-2-methylph...	15.839	198	56	7.061	ng	# 1
67) 4-Bromophenyl-phenylether	16.062	248	15365	3.553	ng	# 1
71) Phenanthrene	17.372	178	1109722	50.076	ng	99
72) Anthracene	17.455	178	230383	10.237	ng	99
73) Carbazole	17.725	167	138434	6.977	ng	97
75) Fluoranthene	19.382	202	1977141	73.525	ng	96
78) Pyrene	19.746	202	1696241	63.581	ng	100
81) Benzo(a)anthracene	21.573	228	1029530	38.289	ng	96
83) Chrysene	21.638	228	1002931	38.698	ng	97
87) Indeno(1,2,3-cd)pyrene	28.289	276	716089	22.180	ng	93
88) Benzo(b)fluoranthene	23.747	252	1455664	55.268	ng	98
89) Benzo(k)fluoranthene	23.747	252	1455664	53.997	ng	98
90) Benzo(a)pyrene	24.587	252	989082	38.642	ng	97
91) Dibenzo(a,h)anthracene	28.330	278	173466	6.374	ng	94
92) Benzo(g,h,i)perylene	29.399	276	628804	23.752	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060867.D
Acq On : 11 Apr 2024 20:18
Operator : MA/JU
Sample : P2070-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Apr 12 01:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
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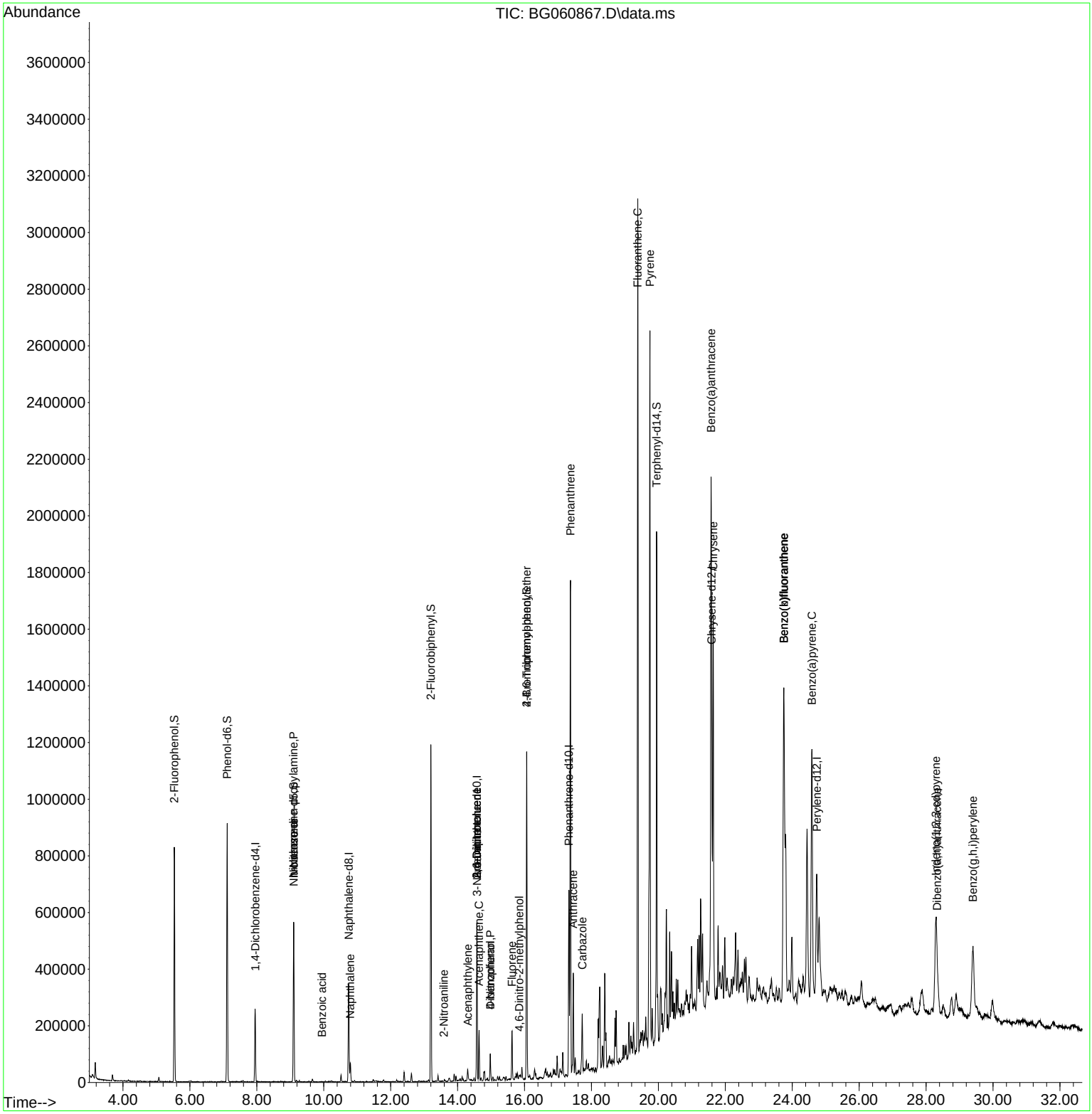
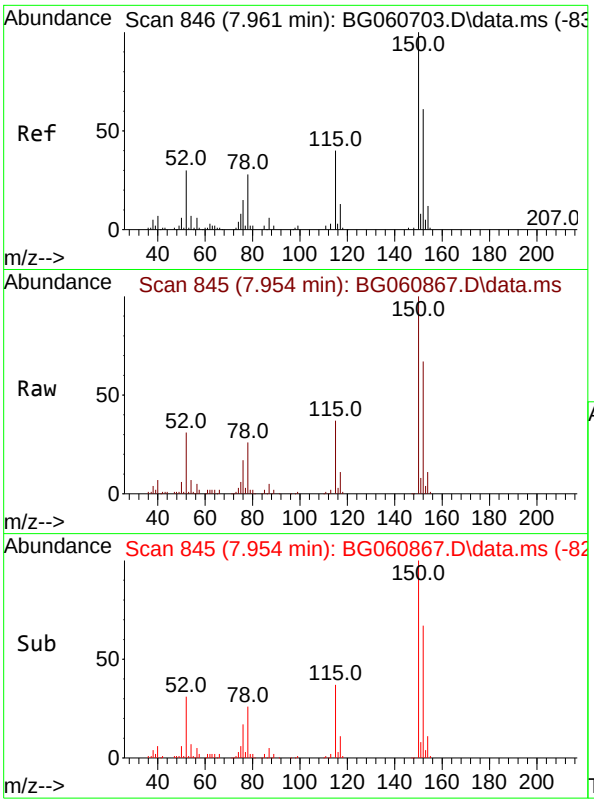


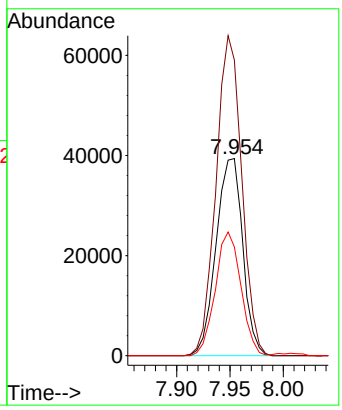


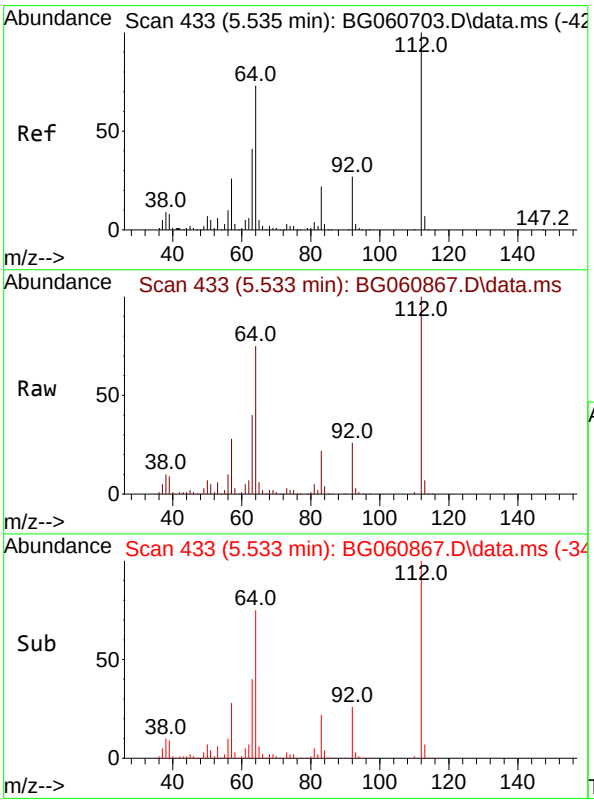
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 68473

Ion	Ratio	Lower	Upper
152	100		
150	150.0	130.2	195.4
115	55.2	51.6	77.4

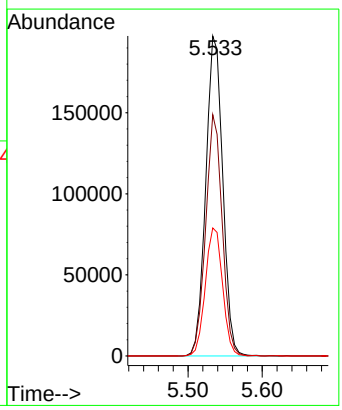


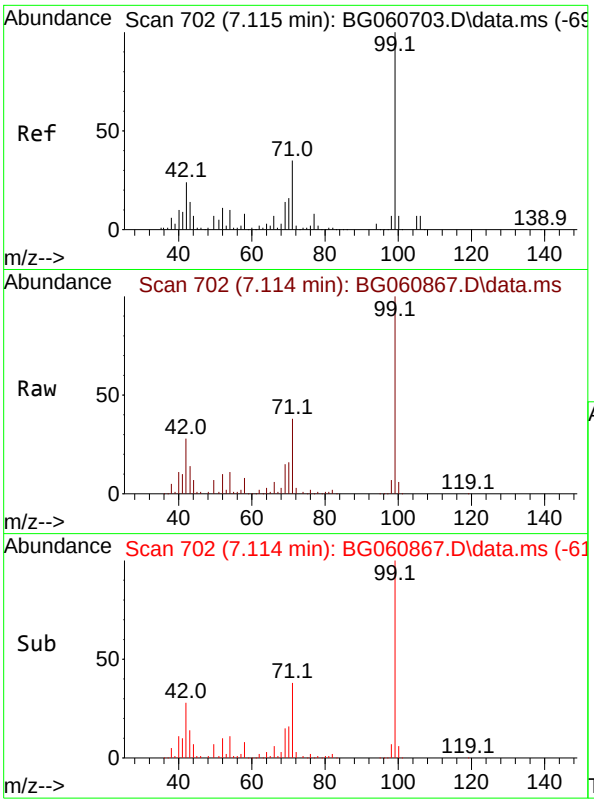


#5
2-Fluorophenol
Concen: 76.183 ng
RT: 5.533 min Scan# 433
Delta R.T. -0.002 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:112 Resp: 313136

Ion	Ratio	Lower	Upper
112	100		
64	75.4	58.4	87.6
63	40.0	32.7	49.1



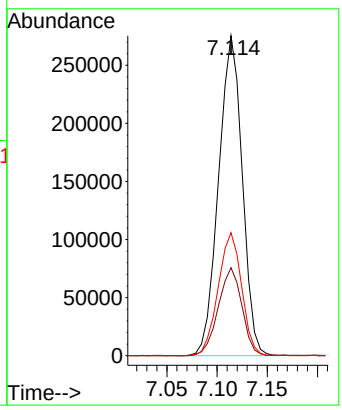


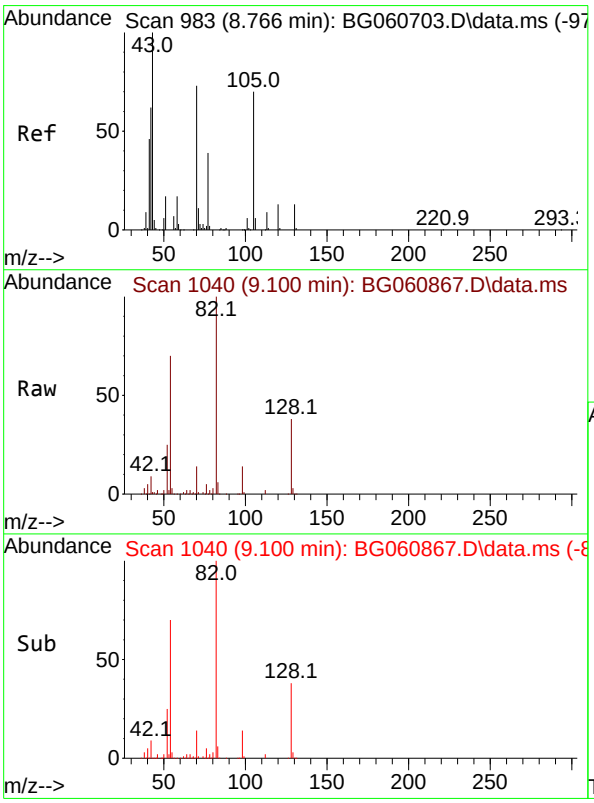
#7
Phenol-d6
Concen: 73.938 ng
RT: 7.114 min Scan# 7
Delta R.T. -0.002 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 451113

Ion	Ratio	Lower	Upper
99	100		
42	27.5	19.4	29.2
71	38.4	28.2	42.2

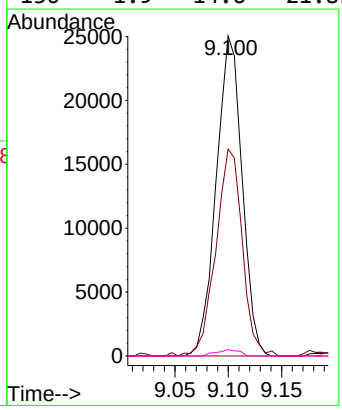


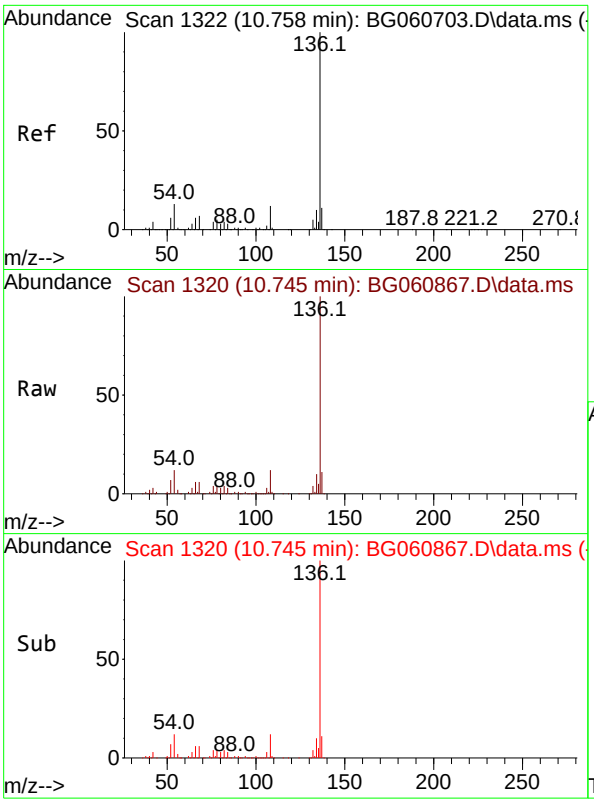


#19
n-Nitroso-di-n-propylamine
Concen: 9.060 ng
RT: 9.100 min Scan# 1040
Delta R.T. 0.334 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion: 70 Resp: 42155

Ion	Ratio	Lower	Upper
70	100		
42	64.7	68.4	102.6#
101	0.0	6.1	9.1#
130	1.9	14.6	21.8#



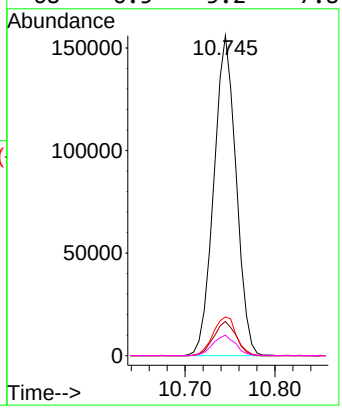


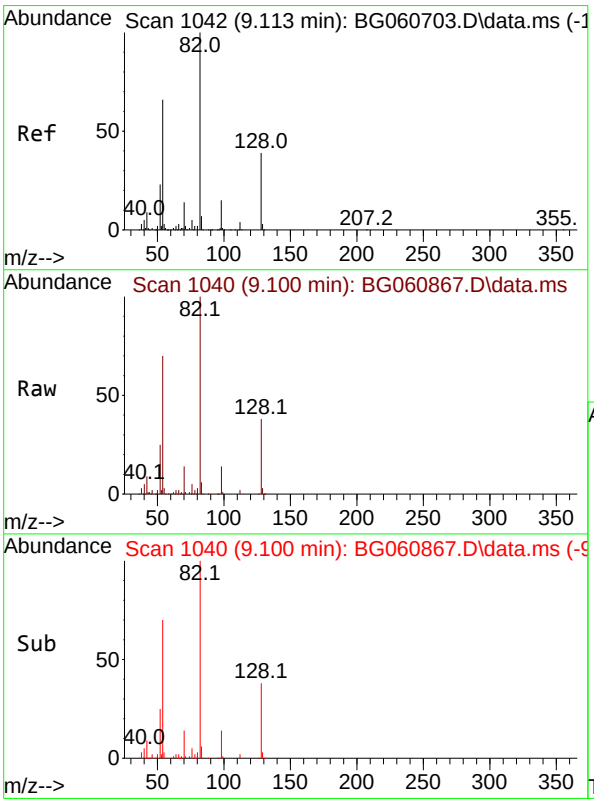
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 268548

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	12.1	10.2	15.2
68	6.5	5.2	7.8

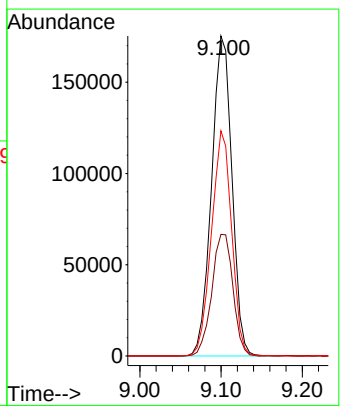


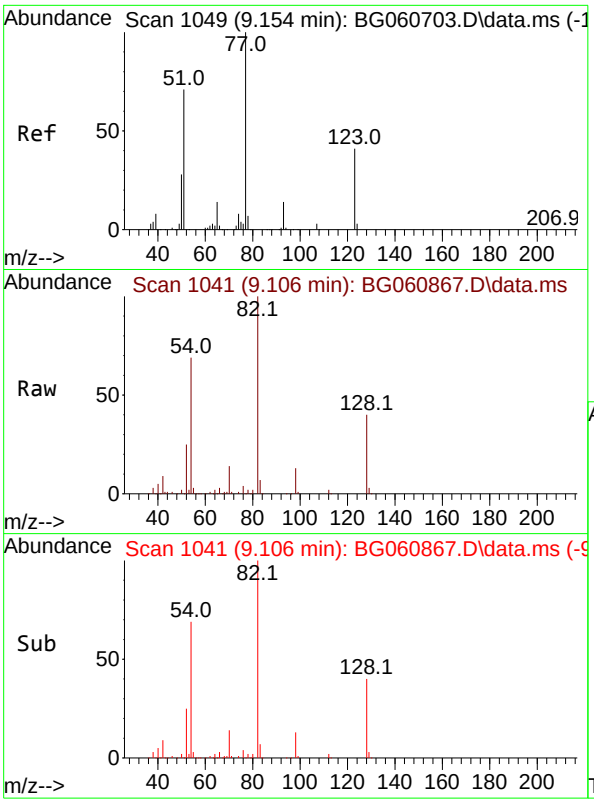


#23
Nitrobenzene-d5
Concen: 64.876 ng
RT: 9.100 min Scan# 1040
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion: 82 Resp: 305323

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.2	46.8
54	70.3	53.2	79.8



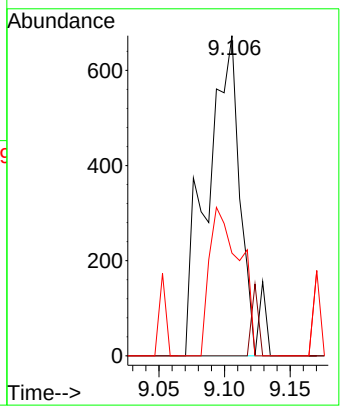


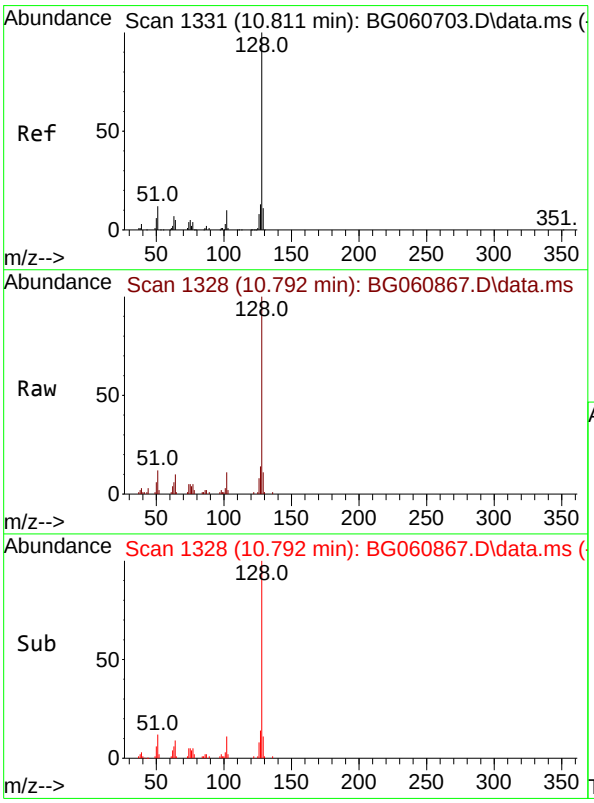
#24
Nitrobenzene
Concen: 2.989 ng
RT: 9.106 min Scan# 1(
Delta R.T. -0.048 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 77 Resp: 1205

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.7	49.1#
65	32.1	11.3	16.9#

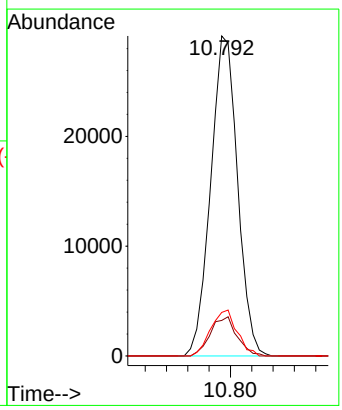


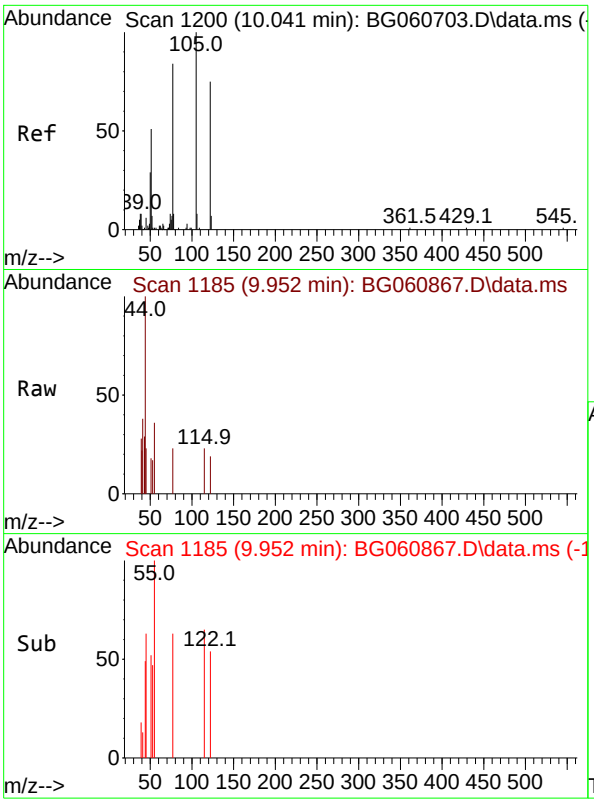


#31
Naphthalene
Concen: 3.506 ng
RT: 10.792 min Scan# 1328
Delta R.T. -0.019 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:128 Resp: 50926

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.6	10.5	15.7



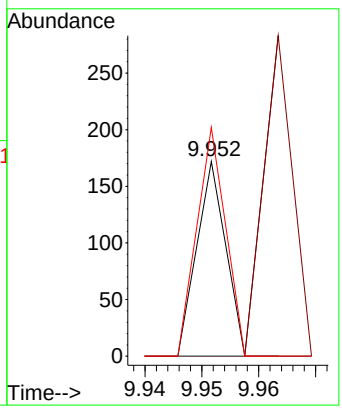


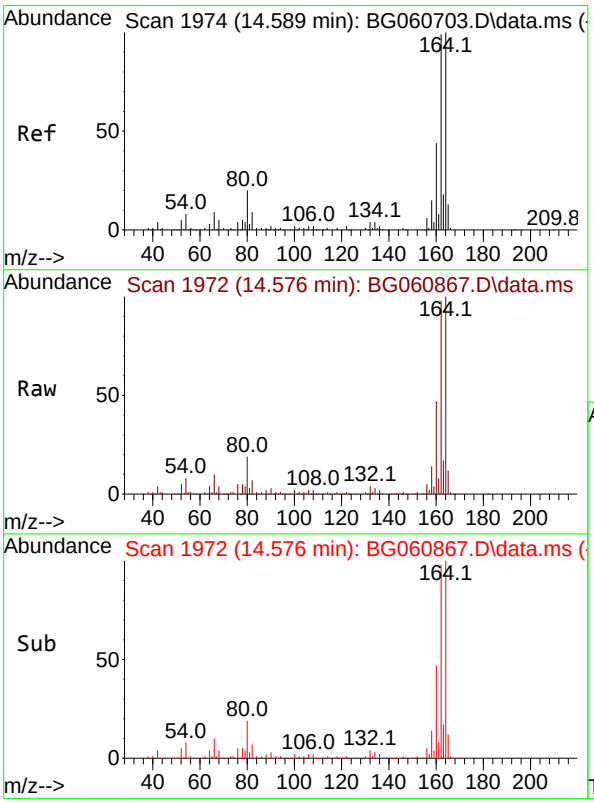
#32
Benzoic acid
Concen: 6.854 ng
RT: 9.952 min Scan# 11
Delta R.T. -0.089 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:122 Resp: 61

Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.5	144.5#
77	117.4	85.3	125.3

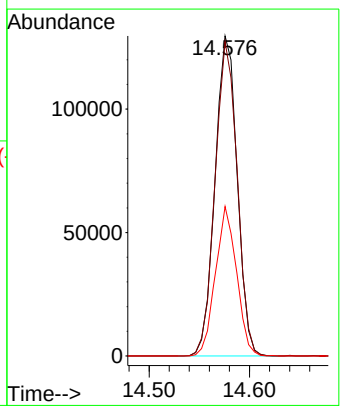


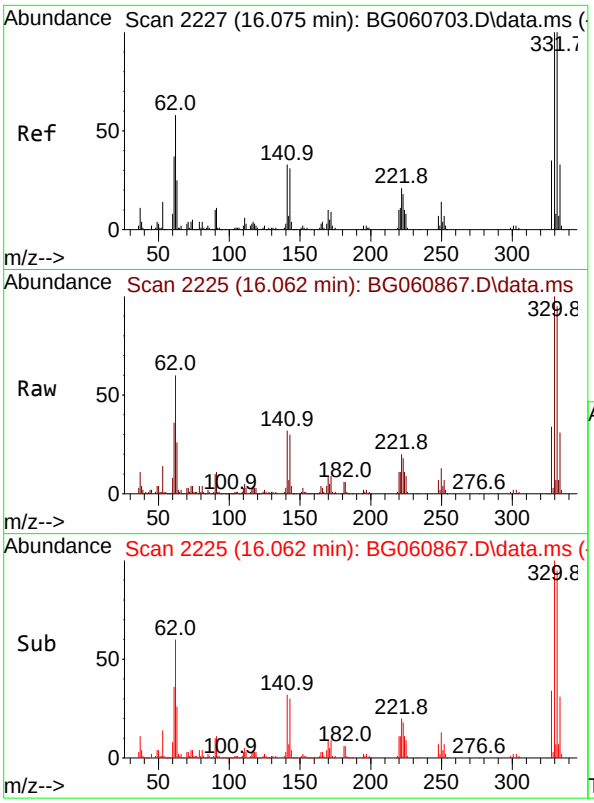


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1972
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:164 Resp: 198490

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.5	119.3
160	46.7	35.4	53.0



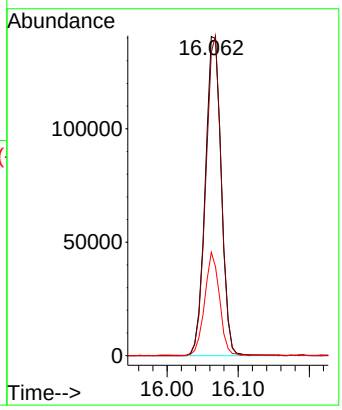


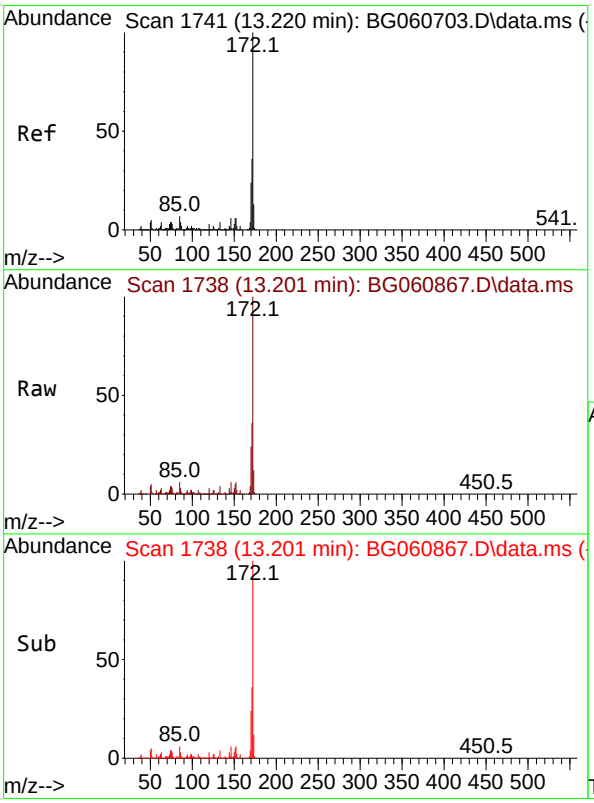
#42
2,4,6-Tribromophenol
Concen: 98.042 ng
RT: 16.062 min Scan# 2
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:330 Resp: 220907

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	30.1	27.0	40.6

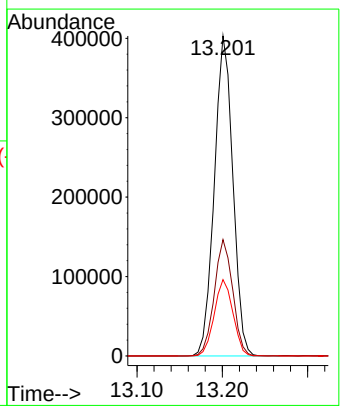


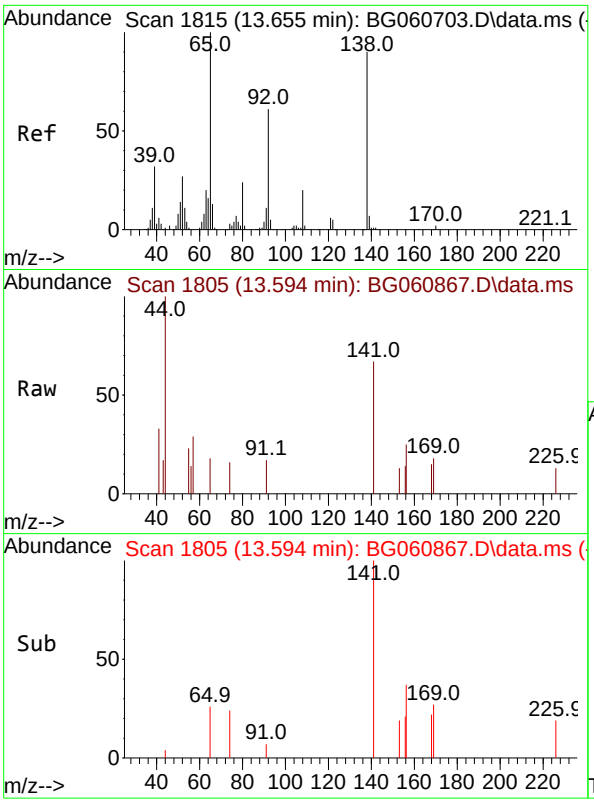


#45
2-Fluorobiphenyl
Concen: 45.104 ng
RT: 13.201 min Scan# 1738
Delta R.T. -0.019 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:172 Resp: 610006

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	23.9	19.4	29.0



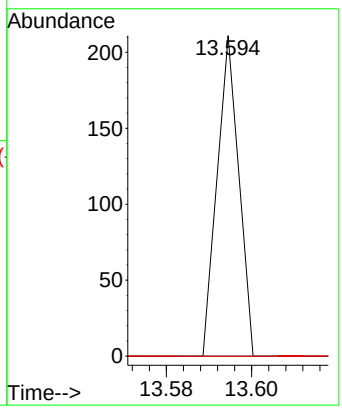


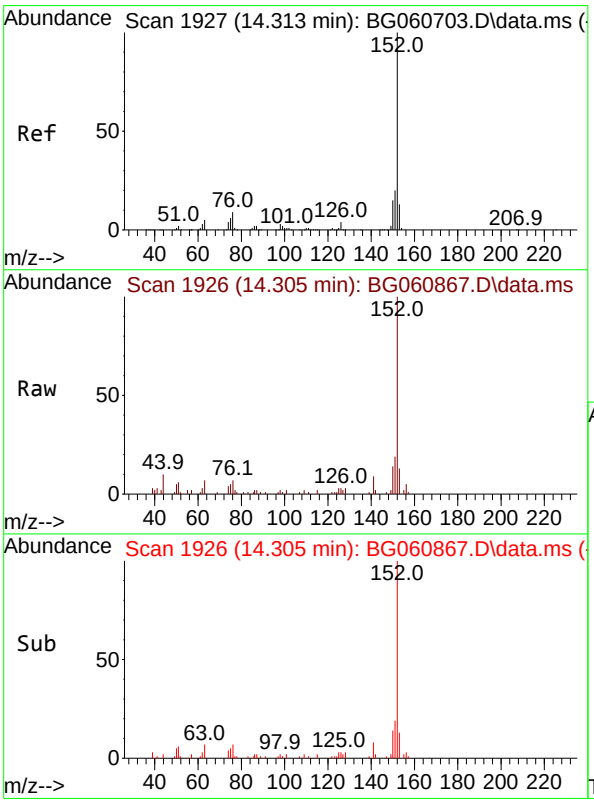
#48
2-Nitroaniline
Concen: 2.813 ng
RT: 13.594 min Scan# 1
Delta R.T. -0.061 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 65 Resp: 74

Ion	Ratio	Lower	Upper
65	100		
92	0.0	48.6	72.8#
138	0.0	72.2	108.4#

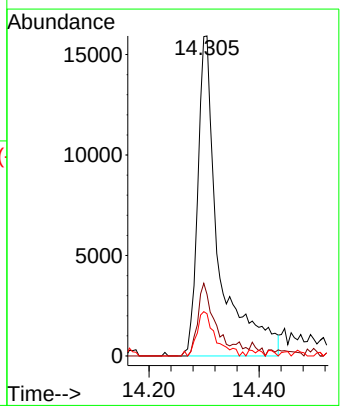


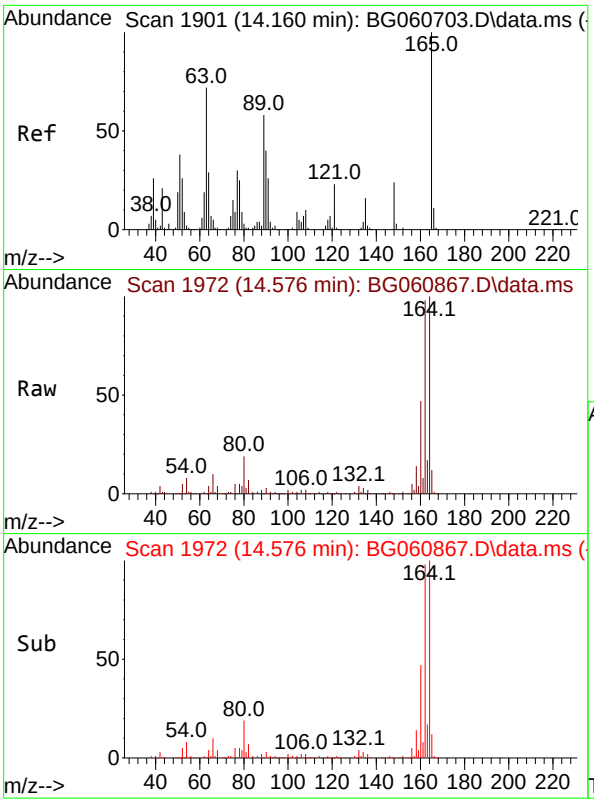


#49
Acenaphthylene
Concen: 2.370 ng
RT: 14.305 min Scan# 1926
Delta R.T. -0.008 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:152 Resp: 42420

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.4	24.6
153	13.2	10.5	15.7



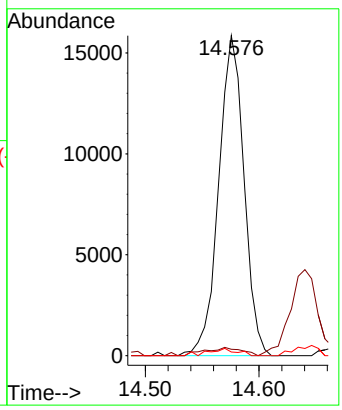


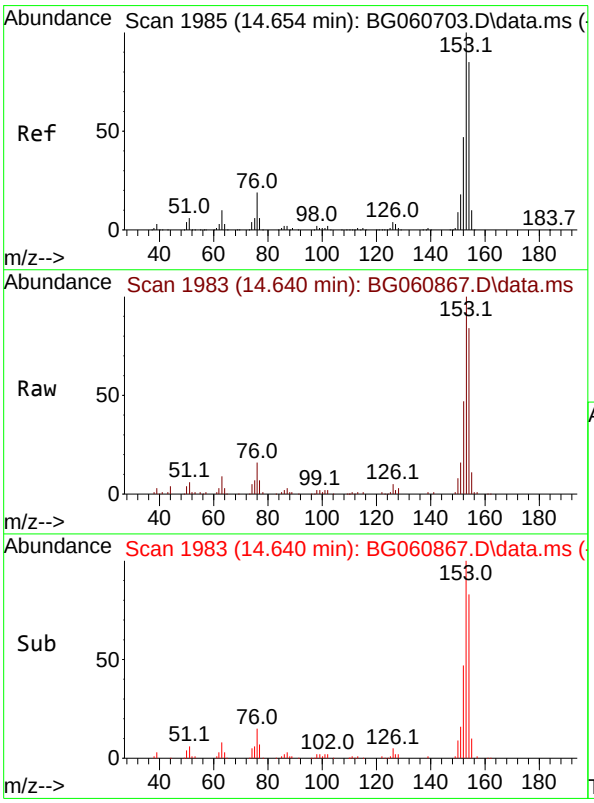
#51
2,6-Dinitrotoluene
Concen: 11.594 ng
RT: 14.576 min Scan# 1
Delta R.T. 0.416 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:165 Resp: 24539

Ion	Ratio	Lower	Upper
165	100		
63	2.0	58.2	87.4#
89	1.1	46.1	69.1#

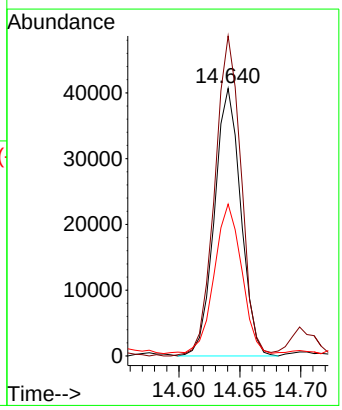


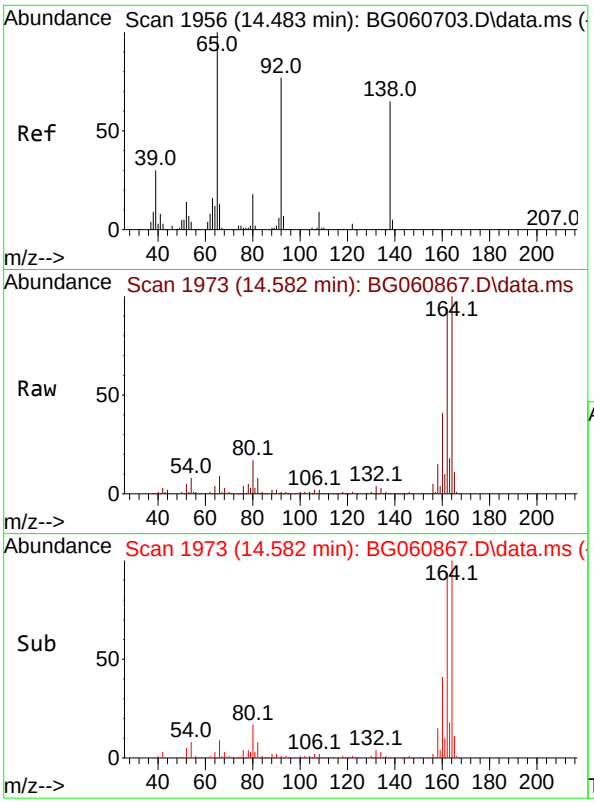


#52
Acenaphthene
Concen: 5.461 ng
RT: 14.640 min Scan# 1983
Delta R.T. -0.014 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:154 Resp: 61365

Ion	Ratio	Lower	Upper
154	100		
153	119.6	93.9	140.9
152	56.7	44.1	66.1



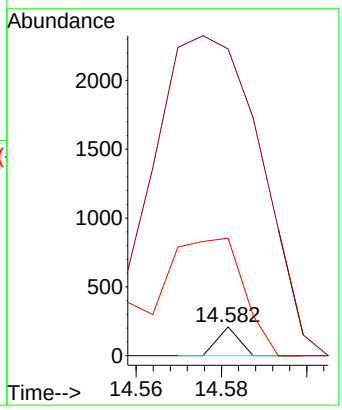


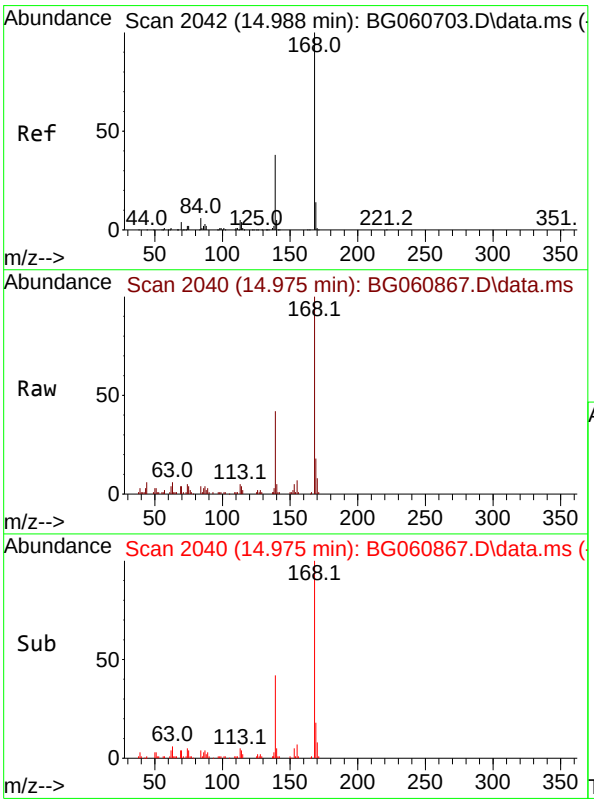
#53
3-Nitroaniline
Concen: 2.874 ng
RT: 14.582 min Scan# 1
Delta R.T. 0.099 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:138 Resp: 74

Ion	Ratio	Lower	Upper
138	100		
108	1066.5	11.3	16.9#
92	408.1	94.1	141.1#

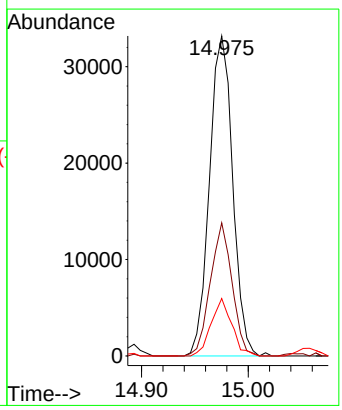


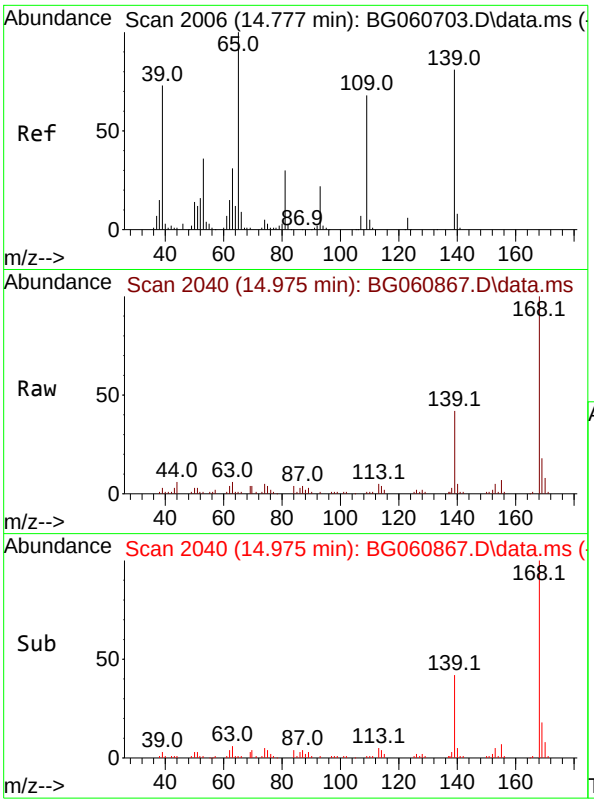


#55
Dibenzofuran
Concen: 2.831 ng
RT: 14.975 min Scan# 2040
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:168 Resp: 50174

Ion	Ratio	Lower	Upper
168	100		
139	41.6	30.1	45.1
169	17.9	11.0	16.4#



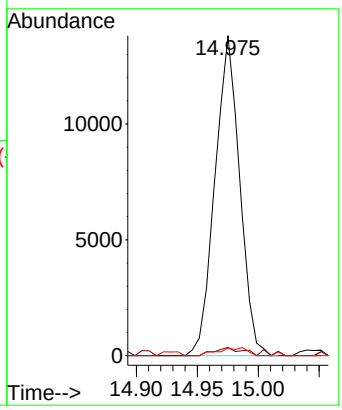


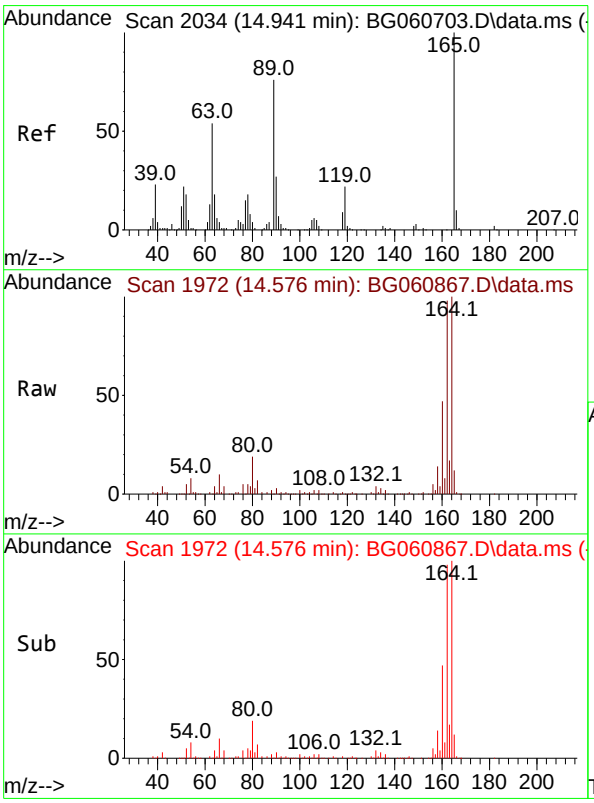
#56
4-Nitrophenol
Concen: 8.507 ng
RT: 14.975 min Scan# 2
Delta R.T. 0.198 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:139 Resp: 19512

Ion	Ratio	Lower	Upper
139	100		
109	2.6	64.0	104.0#
65	2.4	104.3	144.3#

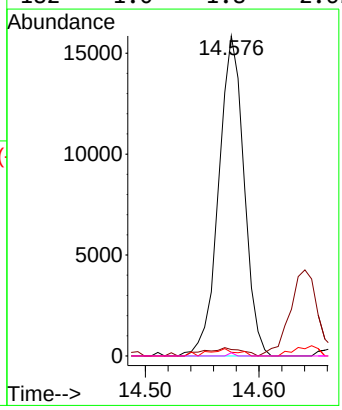


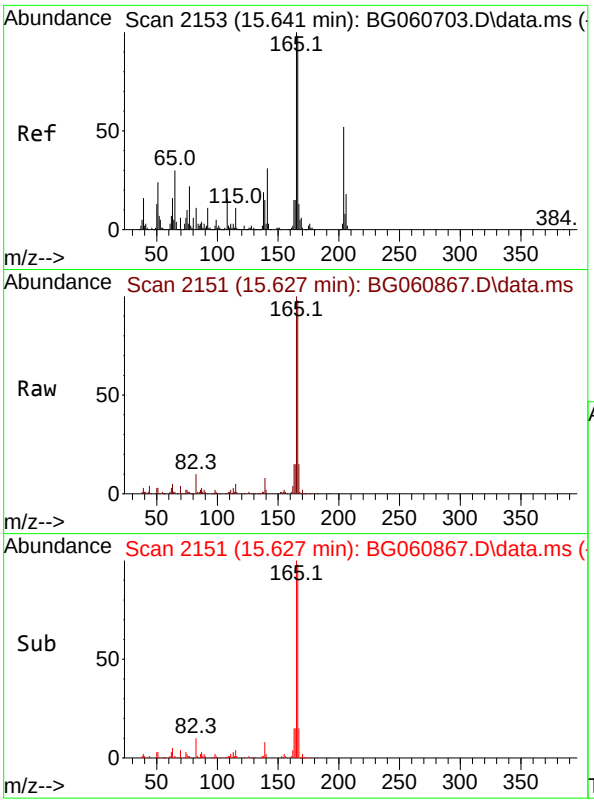


#57
2,4-Dinitrotoluene
Concen: 9.774 ng
RT: 14.576 min Scan# 1972
Delta R.T. -0.365 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:165 Resp: 24539

Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.0#
89	1.1	61.0	91.6#
182	1.0	1.8	2.6#



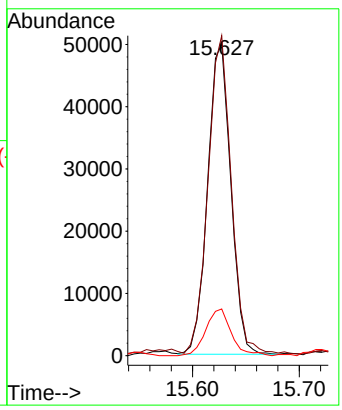


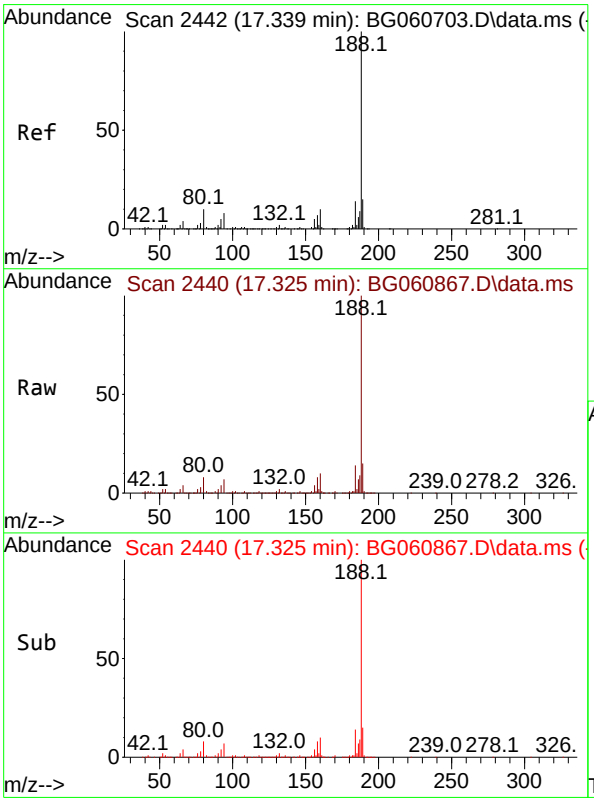
#58
Fluorene
Concen: 5.296 ng
RT: 15.627 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:166 Resp: 75346

Ion	Ratio	Lower	Upper
166	100		
165	102.5	81.8	122.8
167	15.0	10.9	16.3

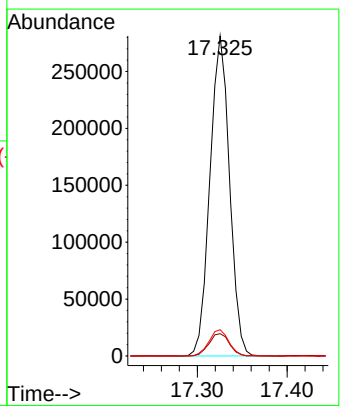


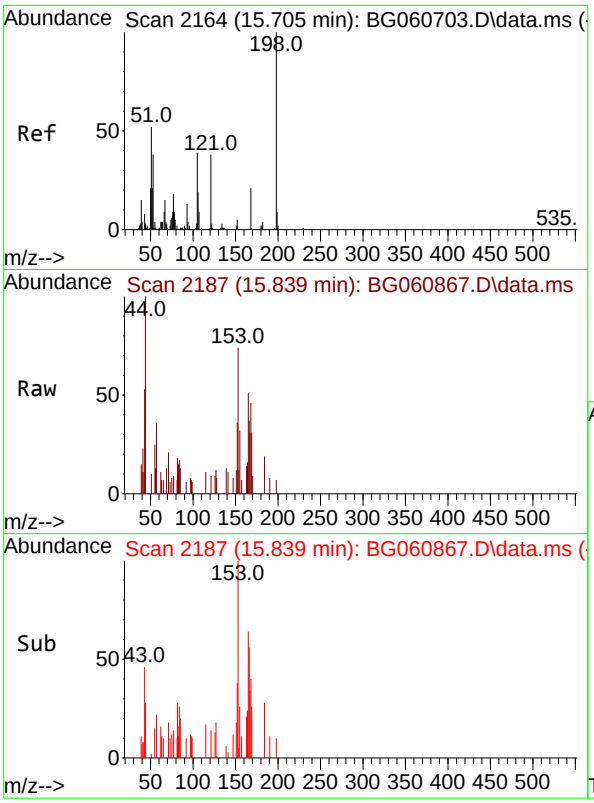


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2440
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:188 Resp: 426100

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.6	9.8
80	8.2	7.6	11.4



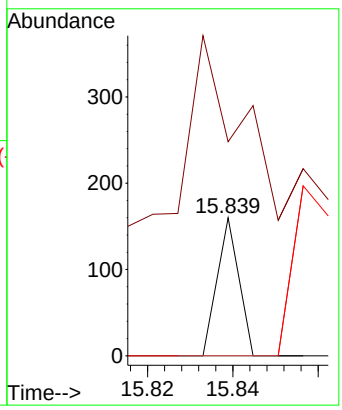


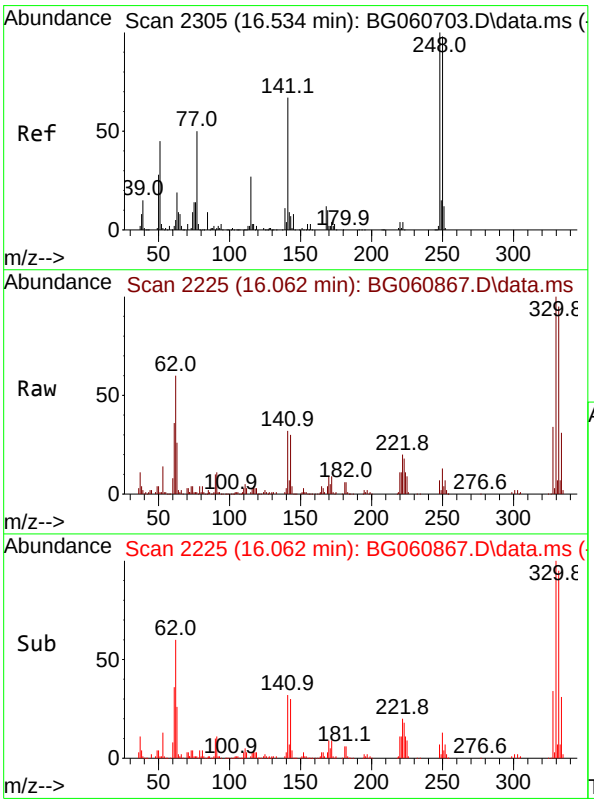
#65
4,6-Dinitro-2-methylphenol
Concen: 7.061 ng
RT: 15.839 min Scan# 2
Delta R.T. 0.134 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	155.0	36.7	76.7#
105	0.0	19.1	59.1#

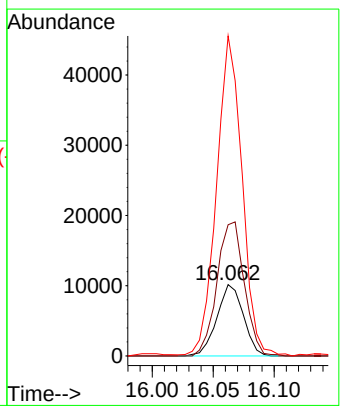


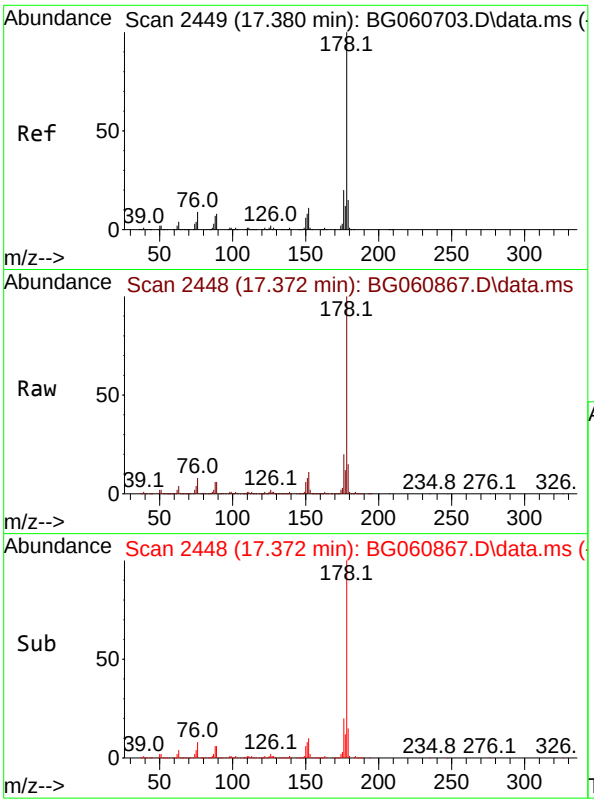


#67
4-Bromophenyl-phenylether
Concen: 3.553 ng
RT: 16.062 min Scan# 2225
Delta R.T. -0.472 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:248 Resp: 15365

Ion	Ratio	Lower	Upper
248	100		
250	183.7	78.3	117.5#
141	448.2	53.7	80.5#



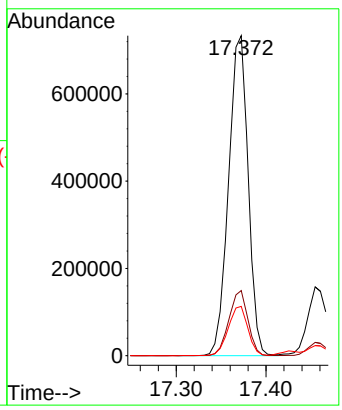


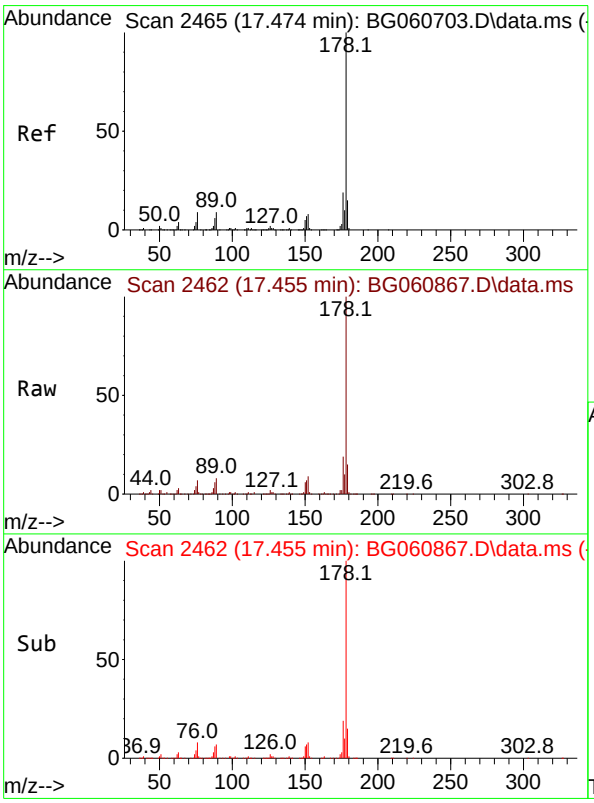
#71
Phenanthrene
Concen: 50.076 ng
RT: 17.372 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:178 Resp: 1109722

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	15.4	12.2	18.4

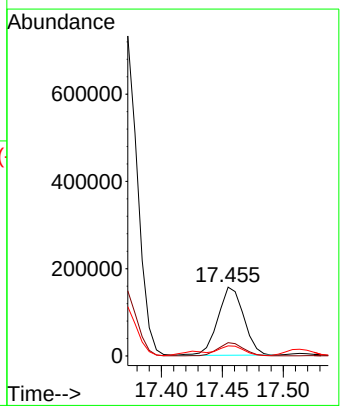


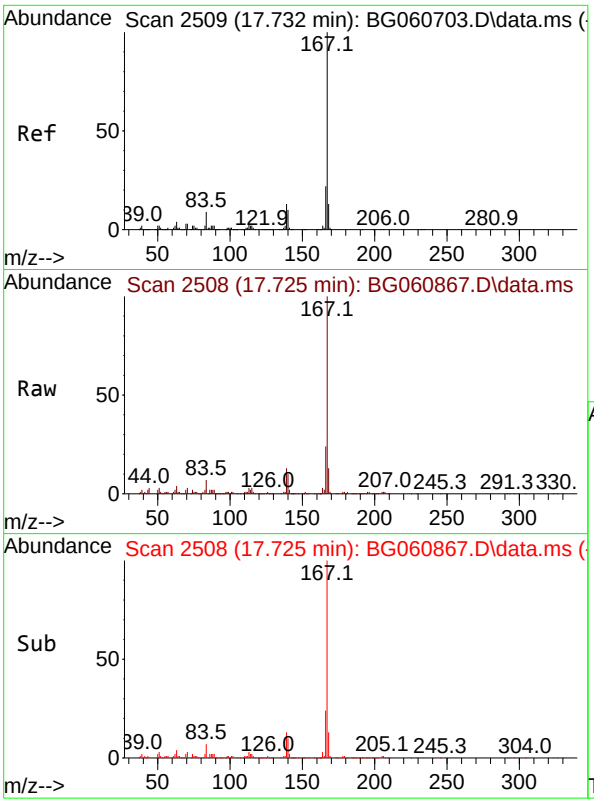


#72
Anthracene
Concen: 10.237 ng
RT: 17.455 min Scan# 2462
Delta R.T. -0.019 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:178 Resp: 230383

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	14.7	12.2	18.2



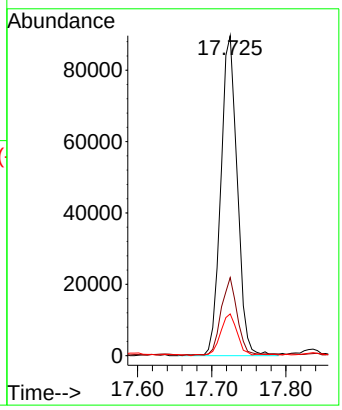


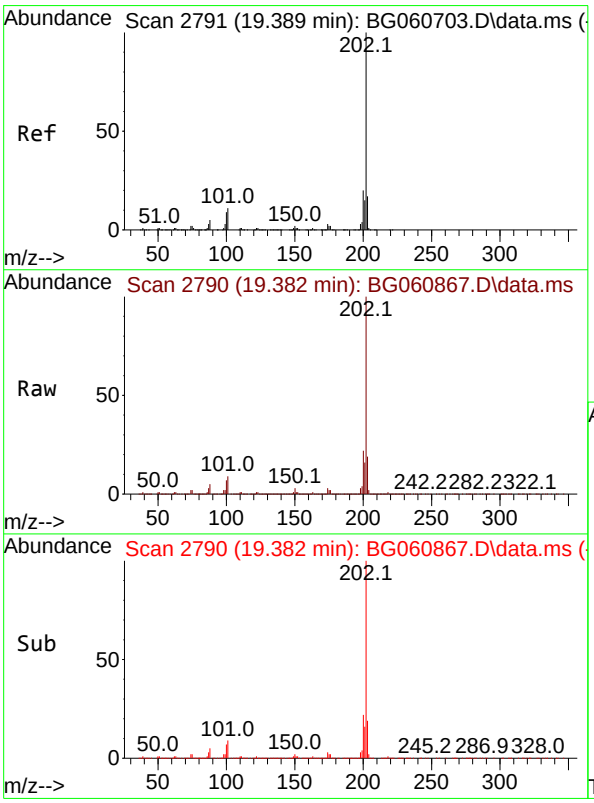
#73
Carbazole
Concen: 6.977 ng
RT: 17.725 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:167 Resp: 138434

Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.0	27.0
139	13.1	10.5	15.7

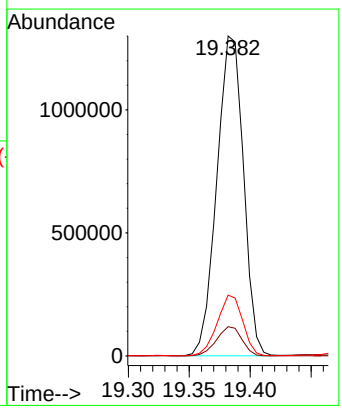


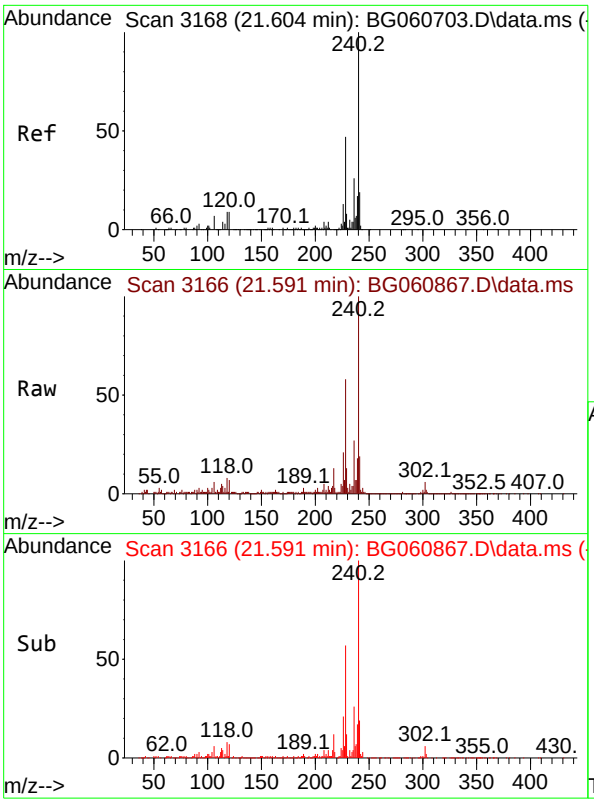


#75
Fluoranthene
Concen: 73.525 ng
RT: 19.382 min Scan# 2790
Delta R.T. -0.007 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:202 Resp: 1977141

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.8
203	19.0	0.0	37.4



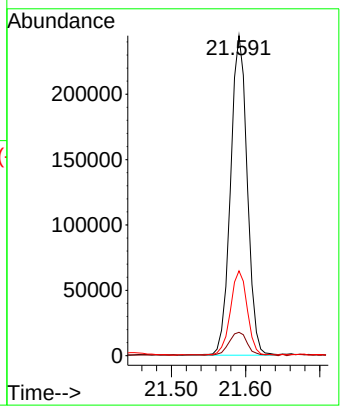


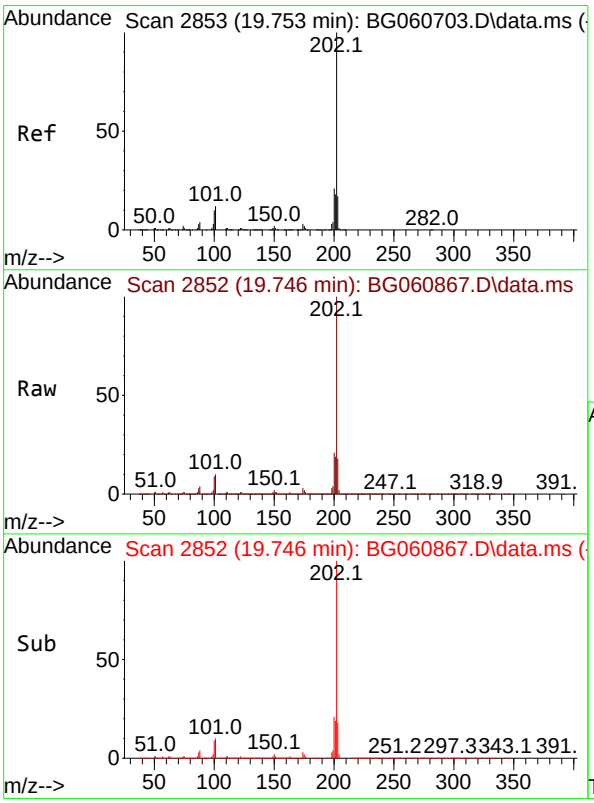
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:240 Resp: 381458

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.1	10.7
236	26.5	20.7	31.1

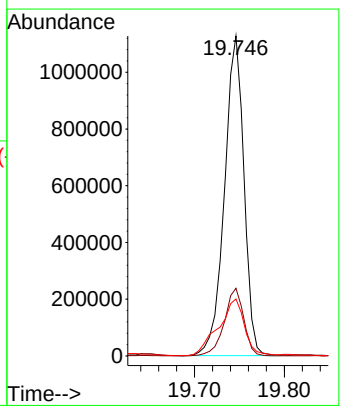


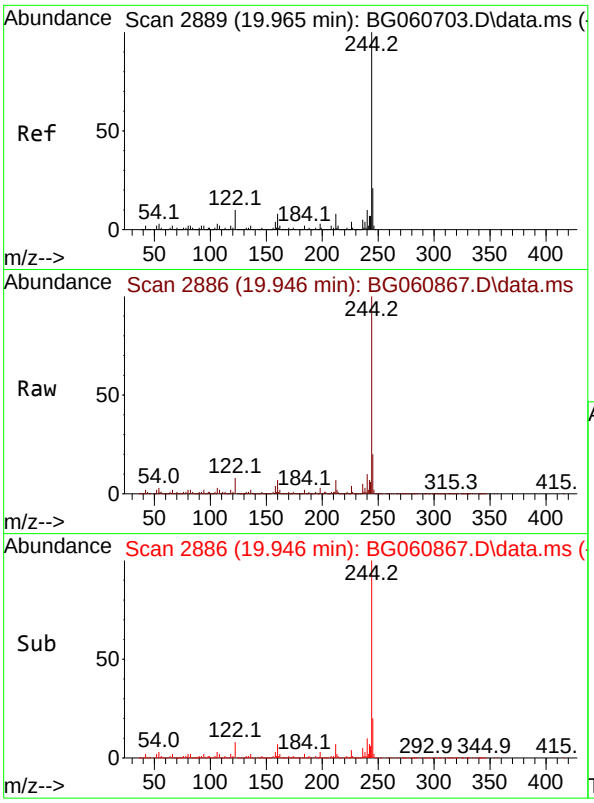


#78
Pyrene
Concen: 63.581 ng
RT: 19.746 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:202 Resp: 1696241

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.8	14.0	21.0



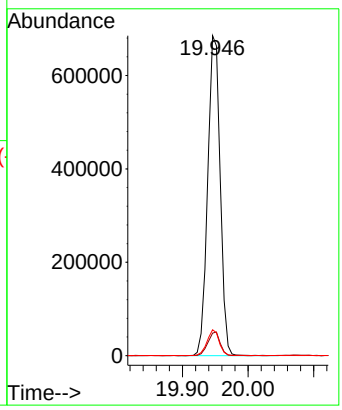


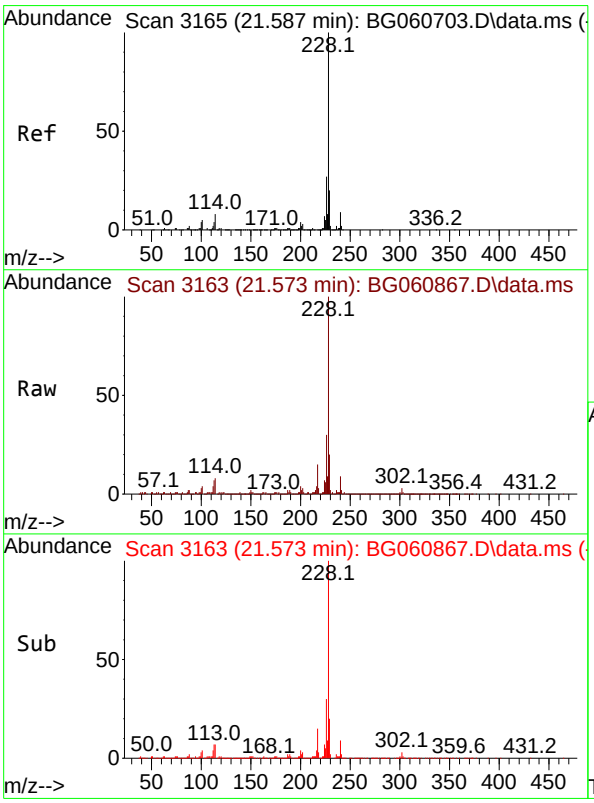
#79
Terphenyl-d14
Concen: 41.821 ng
RT: 19.946 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 905995

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.1	7.8	11.8

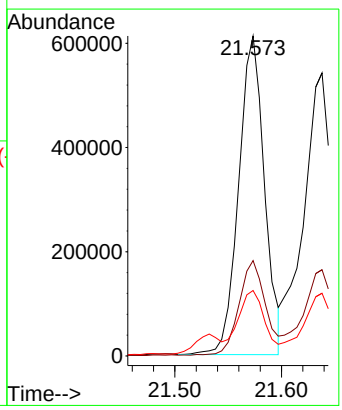


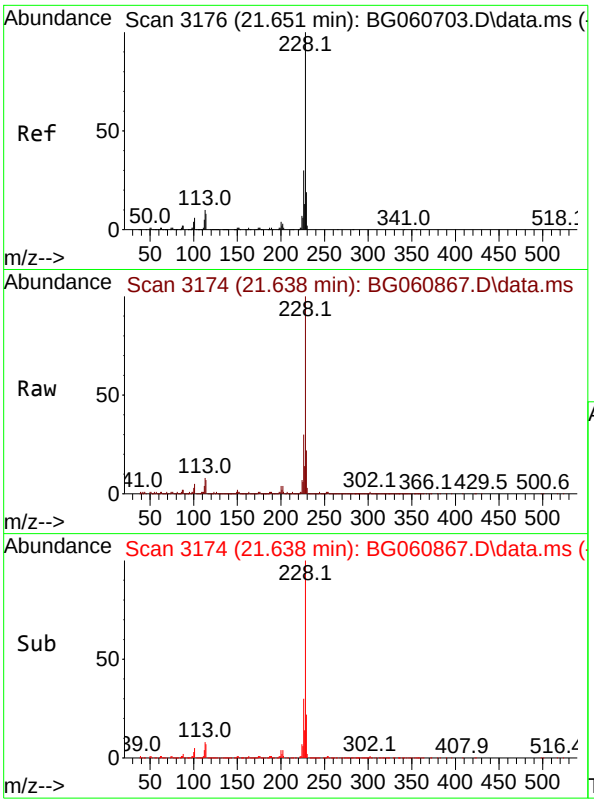


#81
Benzo(a)anthracene
Concen: 38.289 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:228 Resp: 1029530

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.7	32.5
229	20.4	15.8	23.8



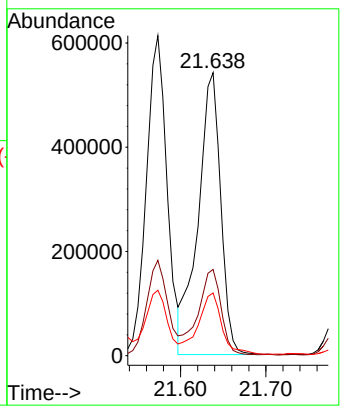


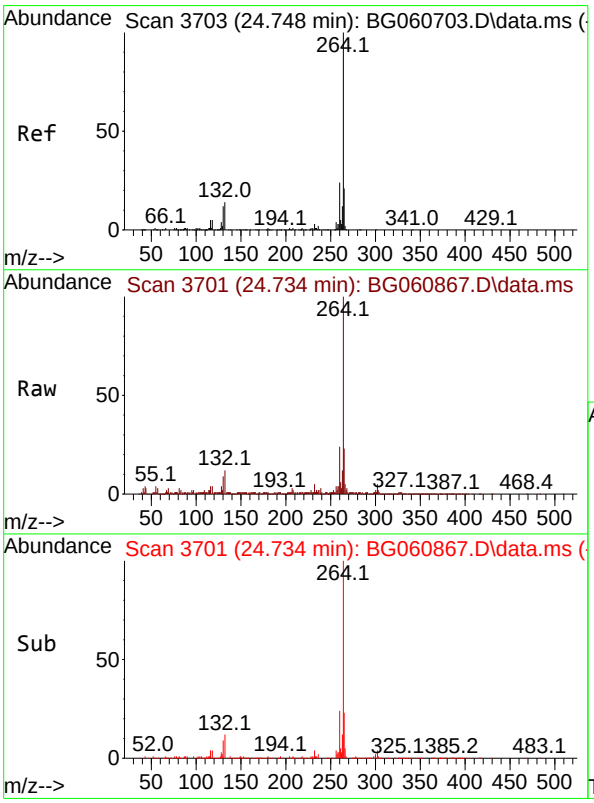
#83
Chrysene
Concen: 38.698 ng
RT: 21.638 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:228 Resp: 1002931

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	22.2	15.5	23.3

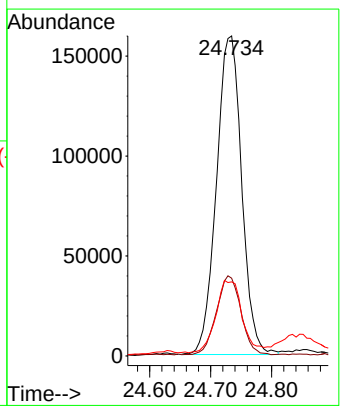


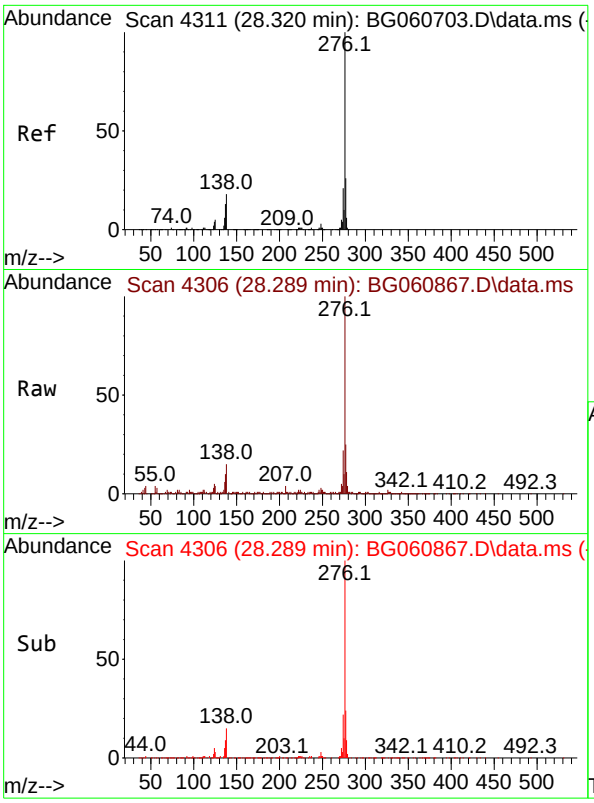


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.734 min Scan# 3701
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:264 Resp: 458458

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.1	16.9	25.3



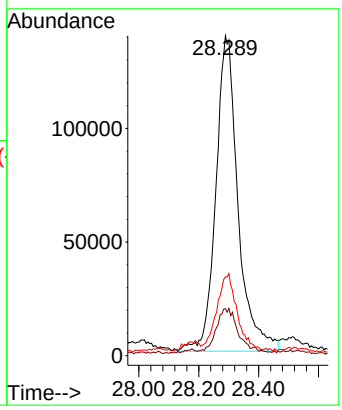


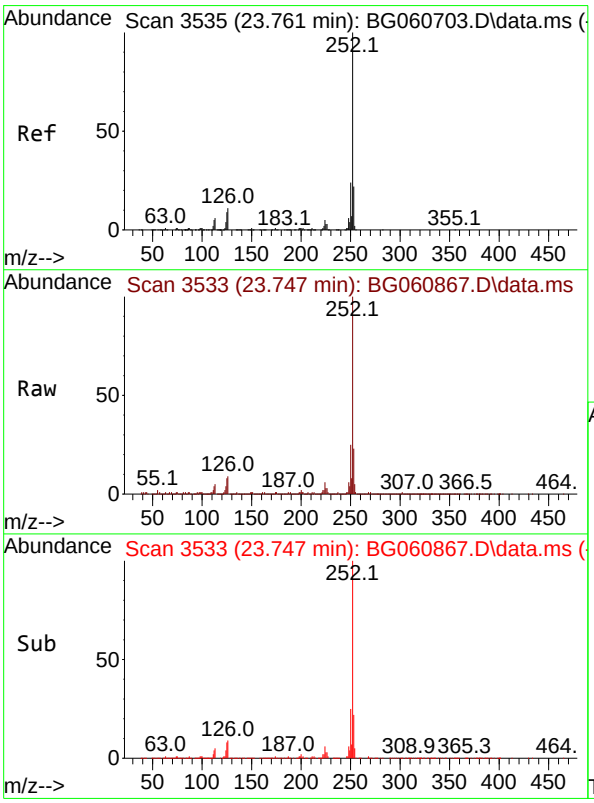
#87
Indeno(1,2,3-cd)pyrene
Concen: 22.180 ng
RT: 28.289 min Scan# 4
Delta R.T. -0.031 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:276 Resp: 716089

Ion	Ratio	Lower	Upper
276	100		
138	12.4	12.4	18.6
277	21.5	20.2	30.2

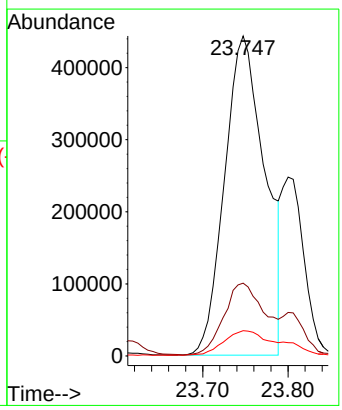


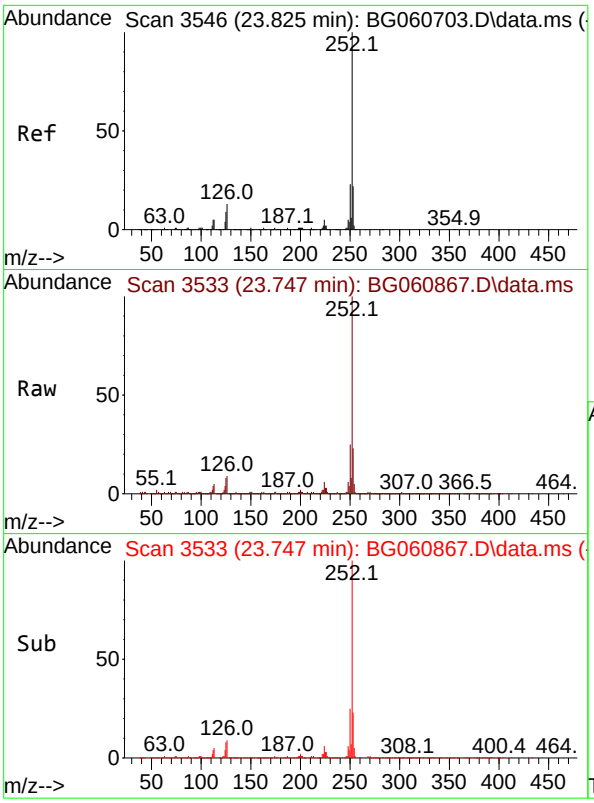


#88
Benzo(b)fluoranthene
Concen: 55.268 ng
RT: 23.747 min Scan# 3533
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:252 Resp: 1455664

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	7.9	7.1	10.7



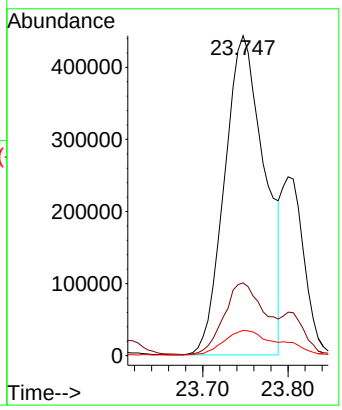


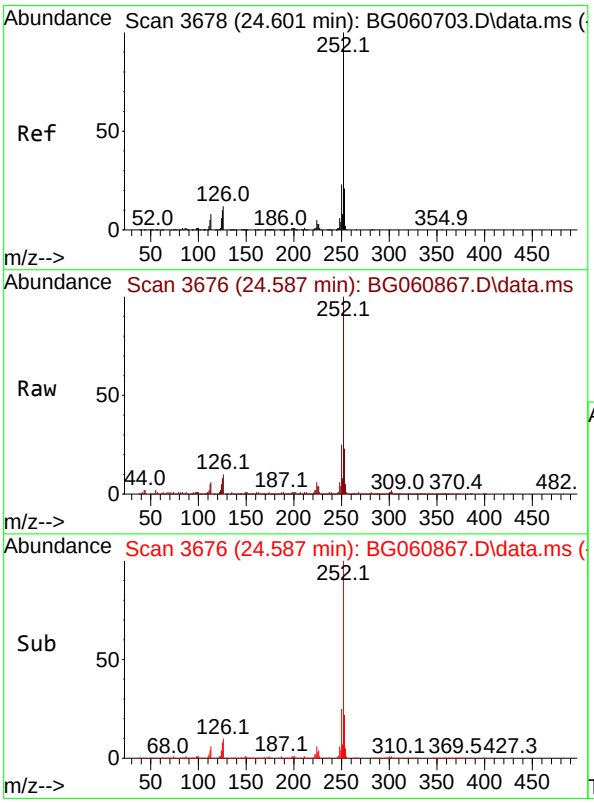
#89
Benzo(k)fluoranthene
Concen: 53.997 ng
RT: 23.747 min Scan# 3
Delta R.T. -0.078 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:252 Resp: 1455664

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	7.9	7.5	11.3

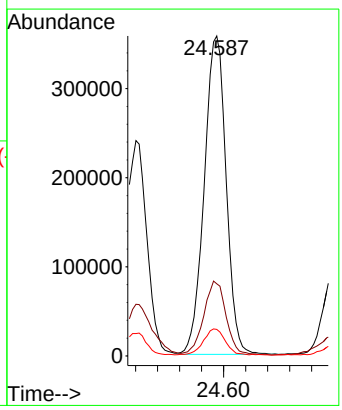


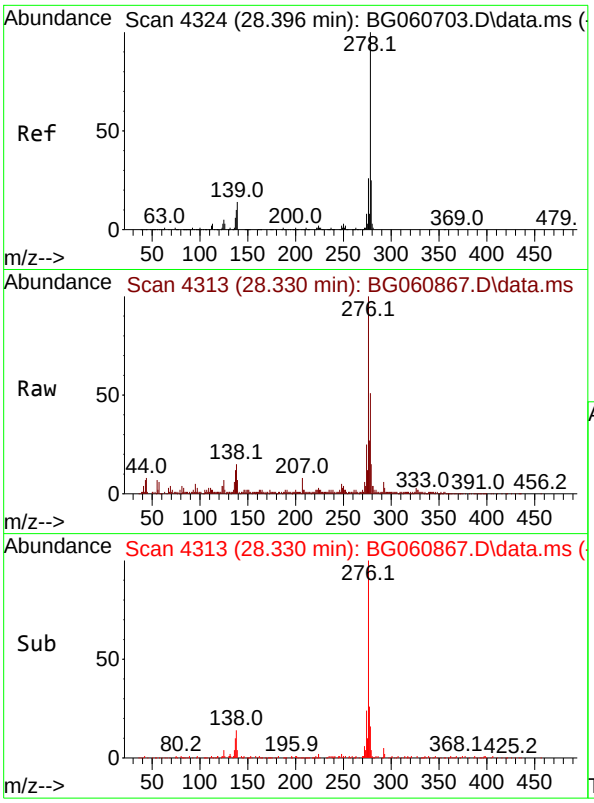


#90
Benzo(a)pyrene
Concen: 38.642 ng
RT: 24.587 min Scan# 3676
Delta R.T. -0.013 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:252 Resp: 989082

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.8	25.2
125	8.3	7.6	11.4



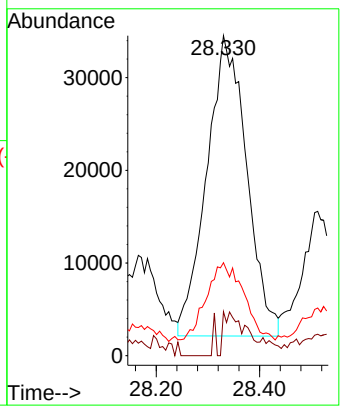


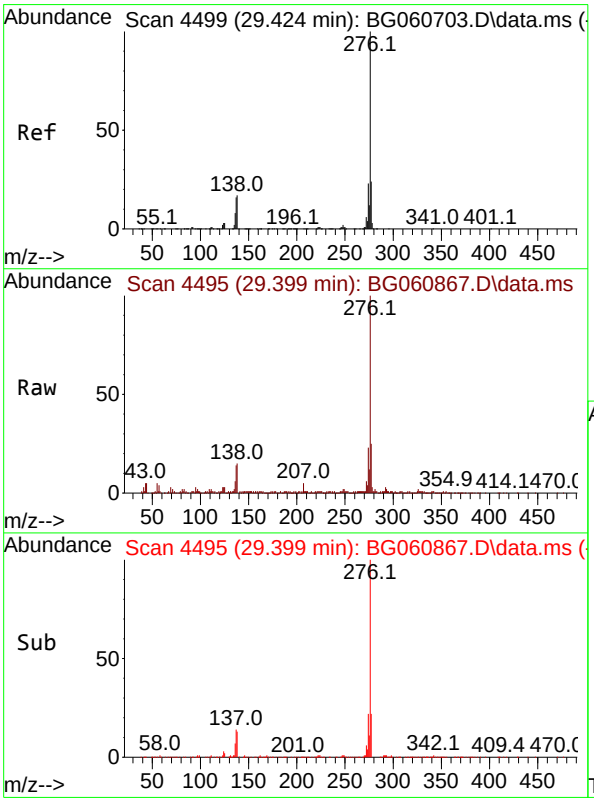
#91
Dibenzo(a,h)anthracene
Concen: 6.374 ng
RT: 28.330 min Scan# 4
Delta R.T. -0.066 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:278 Resp: 173466

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.1	16.7
279	29.1	19.8	29.6





#92
Benzo(g,h,i)perylene
Concen: 23.752 ng
RT: 29.399 min Scan# 4495
Delta R.T. -0.025 min
Lab File: BG060867.D
Acq: 11 Apr 2024 20:18

Tgt Ion:276 Resp: 628804

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	15.5	14.0	21.0