Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060497.D
Acq On : 31 Jan 2024 00:05
Operator : MA/JU
Sample : P1285-03 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Quant Time: Jan 31 01:27:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.926	152	192600	20.000	ng		0.00
21) Naphthalene-d8	10.729	136	782233	20.000	ng		0.00
39) Acenaphthene-d10	14.560	164	568642	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	1334478	20.000	ng		0.00
76) Chrysene-d12	21.575	240	1217761	20.000	ng		0.00
86) Perylene-d12	24.736	264	1417769	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.500	112	199838	17.066	ng		0.00
7) Phenol-d6	7.092	99	305548	17.622	ng		0.00
23) Nitrobenzene-d5	9.084	82	197168	11.902	ng		0.00
42) 2,4,6-Tribromophenol	16.052	330	145062	17.339	ng		0.00
45) 2-Fluorobiphenyl	13.179	172	561692	13.733	ng		0.00
79) Terphenyl-d14	19.924	244	868276	10.427	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	10.012	122	55	10.207	ng	#	1
51) 2,6-Dinitrotoluene	14.560	165	82321	8.878	ng	#	33
54) 2,4-Dinitrophenol	14.807	184	64	8.597	ng	#	1
57) 2,4-Dinitrotoluene	14.560	165	82358	6.477	ng	#	26
58) Fluorene	15.611	166	87688	2.012	ng		95
71) Phenanthrene	17.357	178	1728302	26.794	ng		93
72) Anthracene	17.445	178	424344	6.589	ng		93
73) Carbazole	17.715	167	172862	2.847	ng		94
75) Fluoranthene	19.372	202	3105960	40.091	ng		91
78) Pyrene	19.730	202	2848194	36.625	ng	#	90
81) Benzo(a)anthracene	21.557	228	1429153	18.957	ng		93
83) Chrysene	21.622	228	1343016	18.113	ng		92
87) Indeno(1,2,3-cd)pyrene	28.332	276	686877	6.968	ng	#	67
88) Benzo(b)fluoranthene	23.731	252	1584427	18.917	ng		96
89) Benzo(k)fluoranthene	23.731	252	1584427	19.170	ng		97
90) Benzo(a)pyrene	24.589	252	1239873	16.387	ng		99
92) Benzo(g,h,i)perylene	29.454	276	706485	8.562	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
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CHESTNUT-ST-TP-2

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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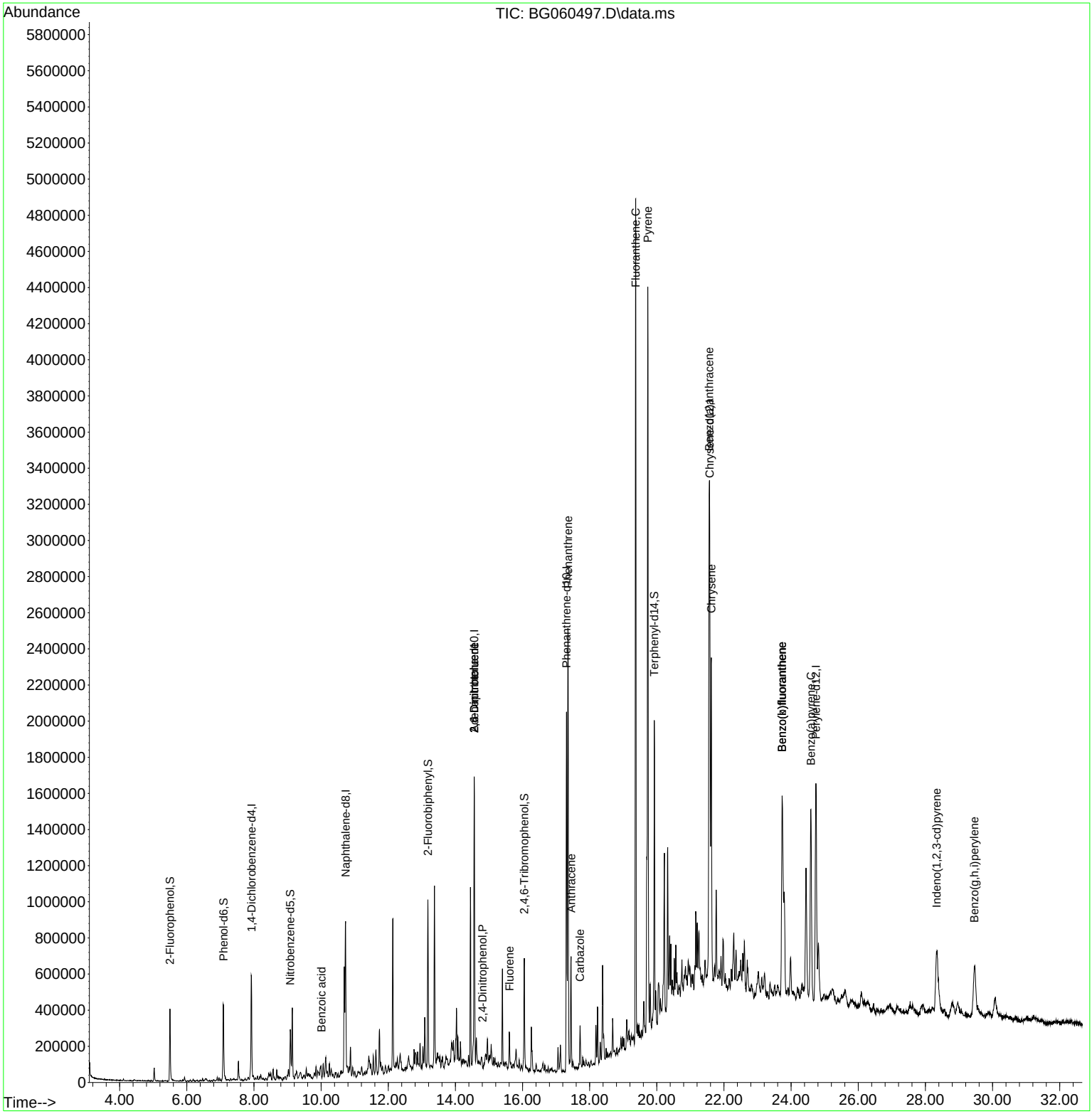
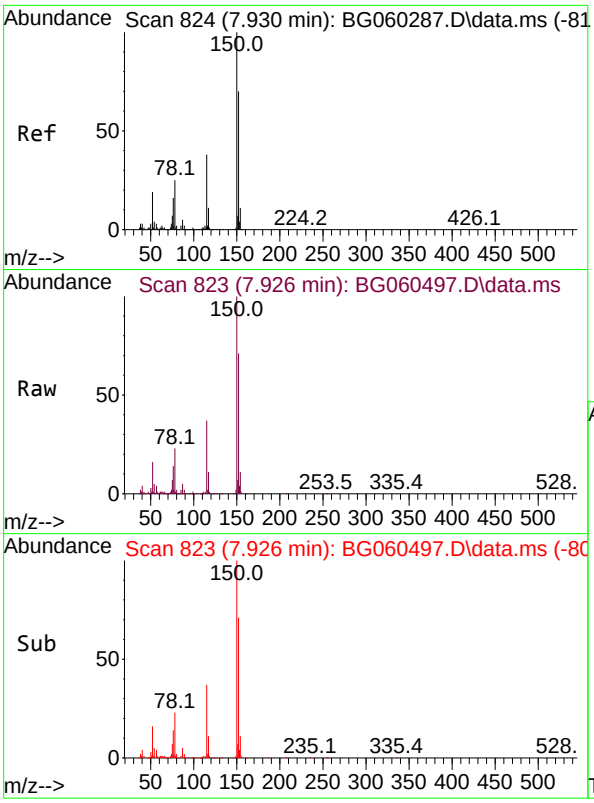


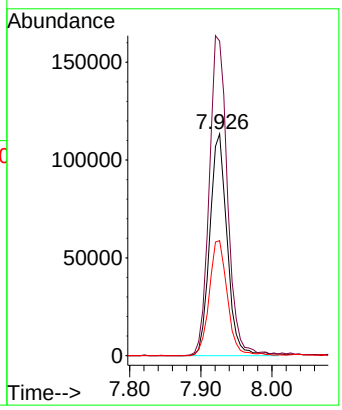


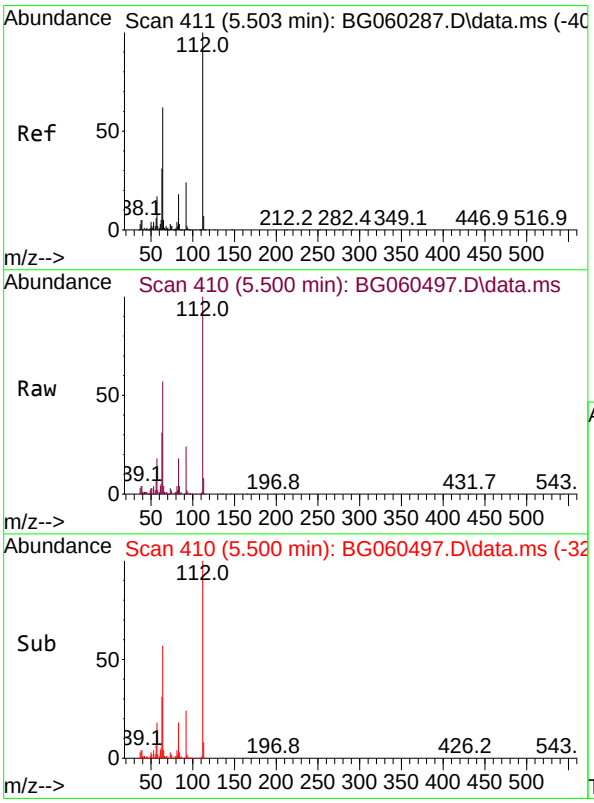
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:152 Resp: 192600

Ion	Ratio	Lower	Upper
152	100		
150	141.8	114.5	171.7
115	51.8	43.0	64.6

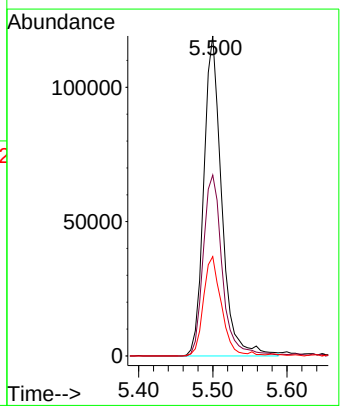


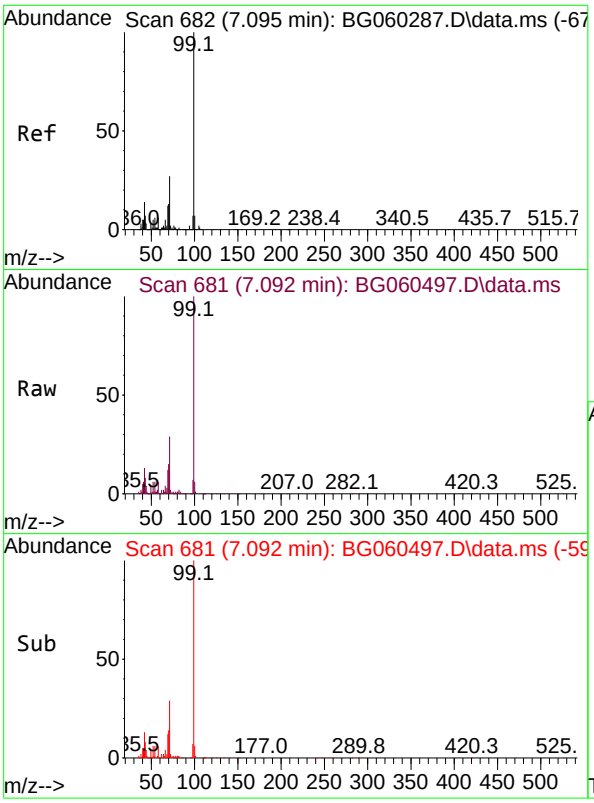


#5
2-Fluorophenol
Concen: 17.066 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:112 Resp: 199838

Ion	Ratio	Lower	Upper
112	100		
64	56.5	49.8	74.6
63	31.0	24.4	36.6



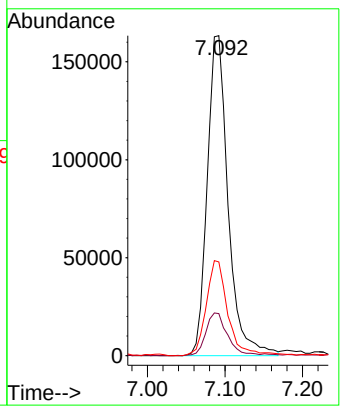


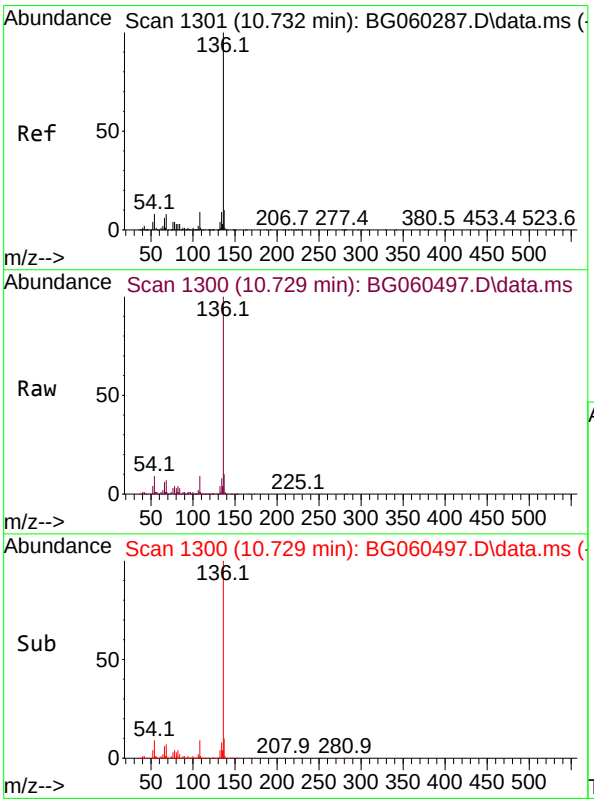
#7
Phenol-d6
Concen: 17.622 ng
RT: 7.092 min Scan# 68
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion: 99 Resp: 305548

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.9	16.3
71	29.3	21.5	32.3

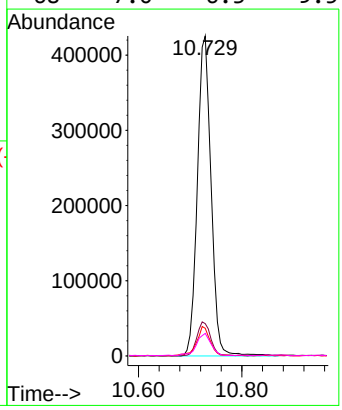


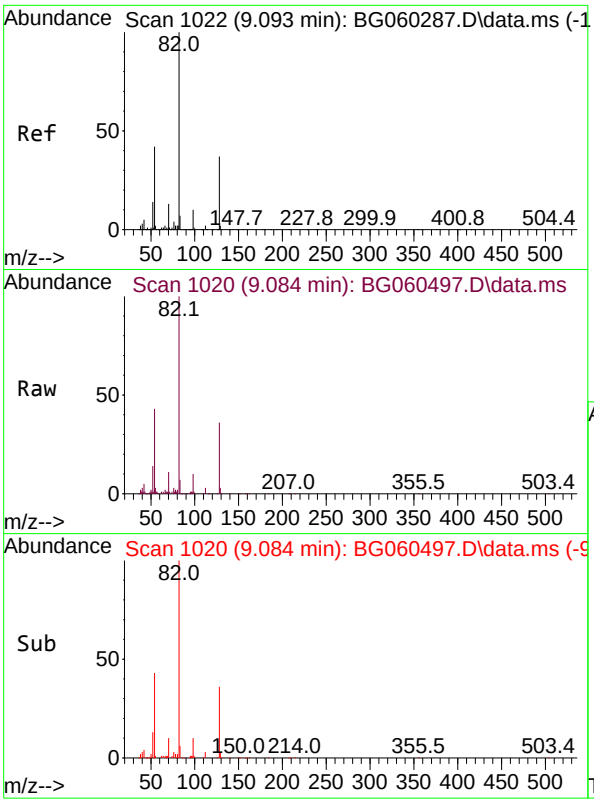


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:136 Resp: 782233

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.2	12.4
54	8.7	6.2	9.2
68	7.0	6.3	9.5



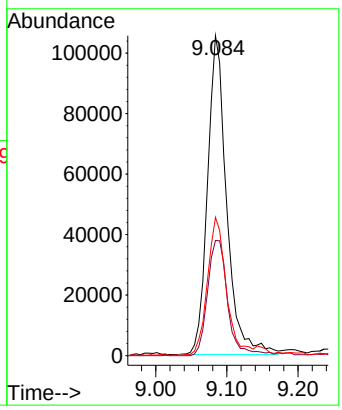


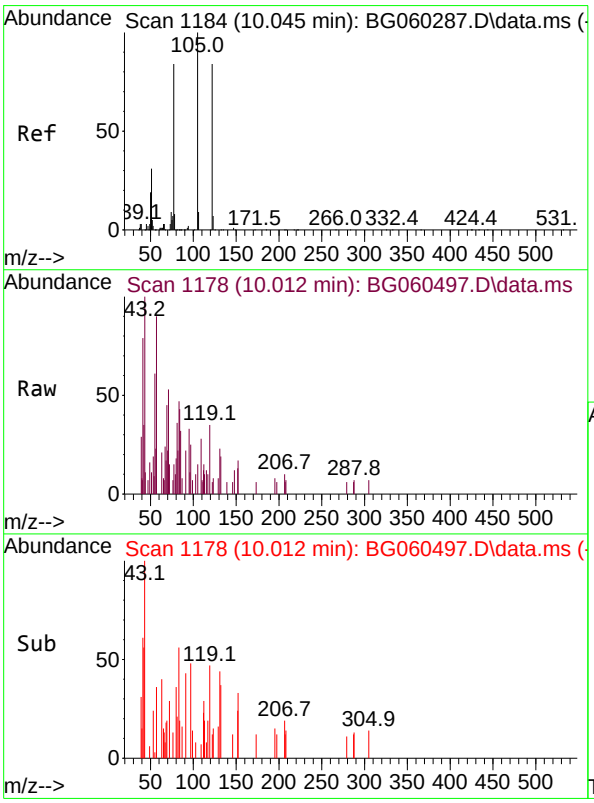
#23
Nitrobenzene-d5
Concen: 11.902 ng
RT: 9.084 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion: 82 Resp: 197168

Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.6	44.4
54	43.2	33.6	50.4

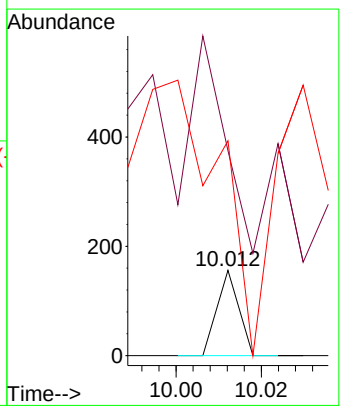


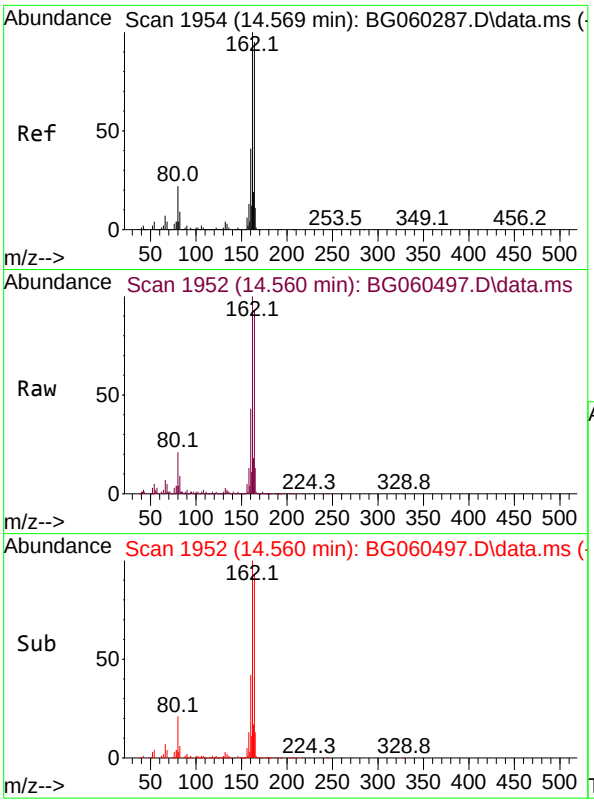


#32
Benzoic acid
Concen: 10.207 ng
RT: 10.012 min Scan# 1178
Delta R.T. -0.033 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	240.4	96.0	136.0#
77	251.9	80.1	120.1#



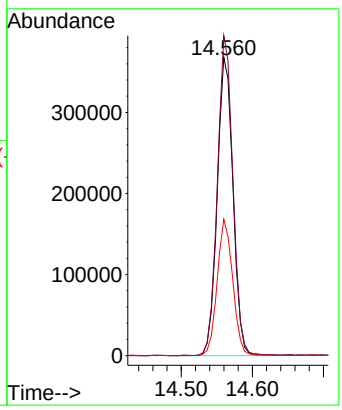


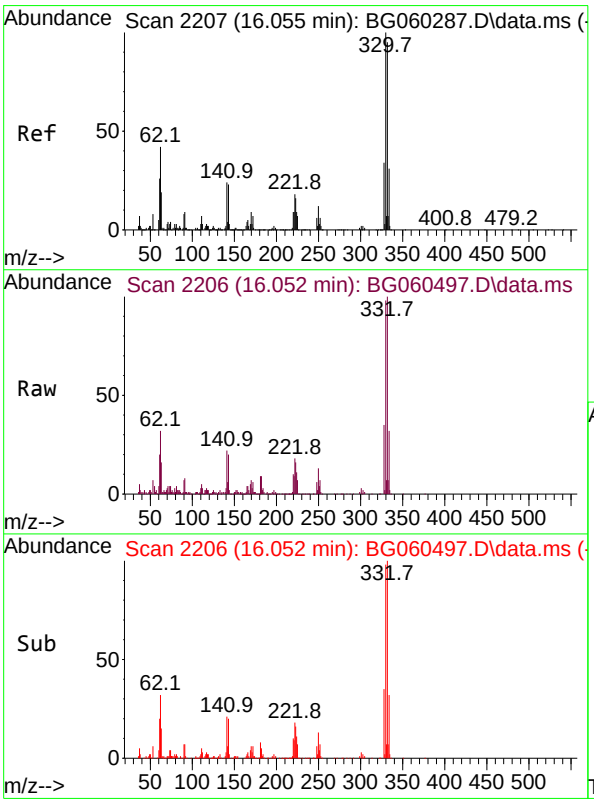
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 19
Delta R.T. -0.009 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:164 Resp: 568642

Ion	Ratio	Lower	Upper
164	100		
162	107.3	84.4	126.6
160	45.7	34.6	52.0

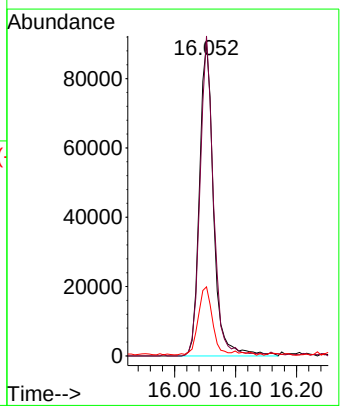


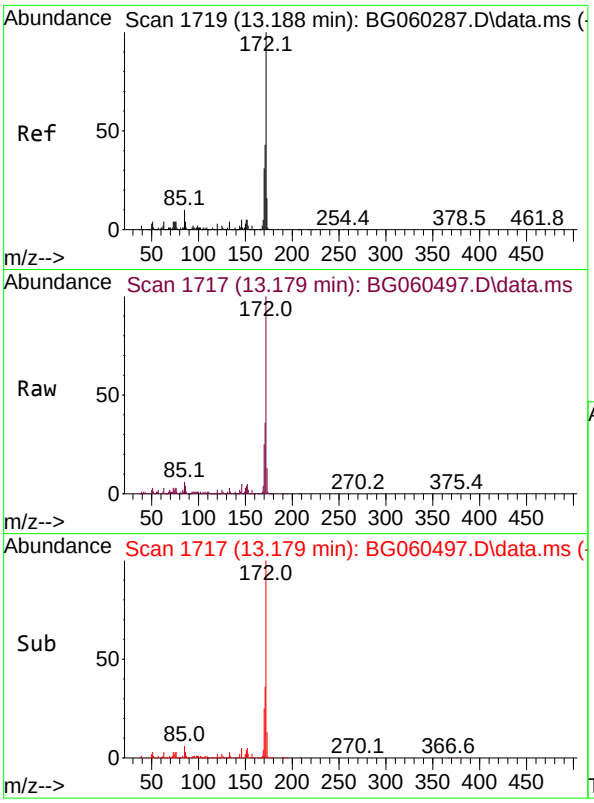


#42
2,4,6-Tribromophenol
Concen: 17.339 ng
RT: 16.052 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:330 Resp: 145062

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.7	115.1
141	21.8	18.6	28.0



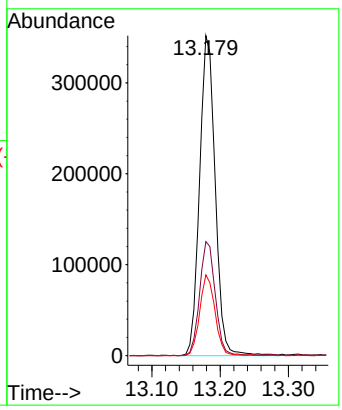


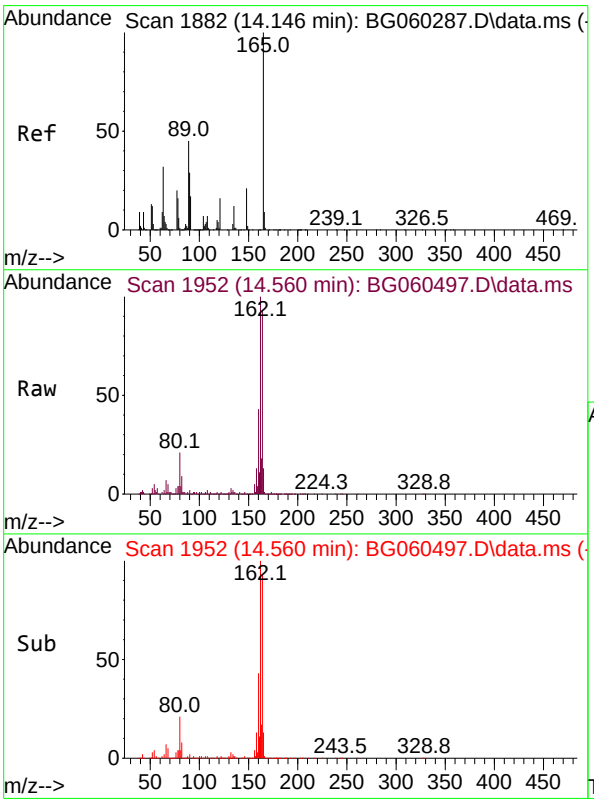
#45
2-Fluorobiphenyl
Concen: 13.733 ng
RT: 13.179 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:172 Resp: 561692

Ion	Ratio	Lower	Upper
172	100		
171	35.6	34.6	51.8
170	25.2	24.4	36.6

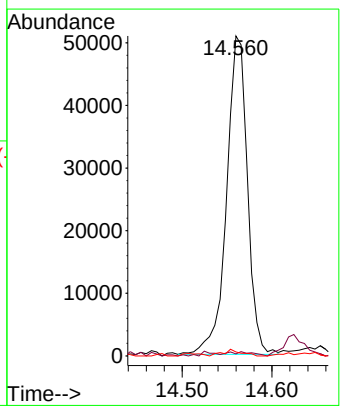


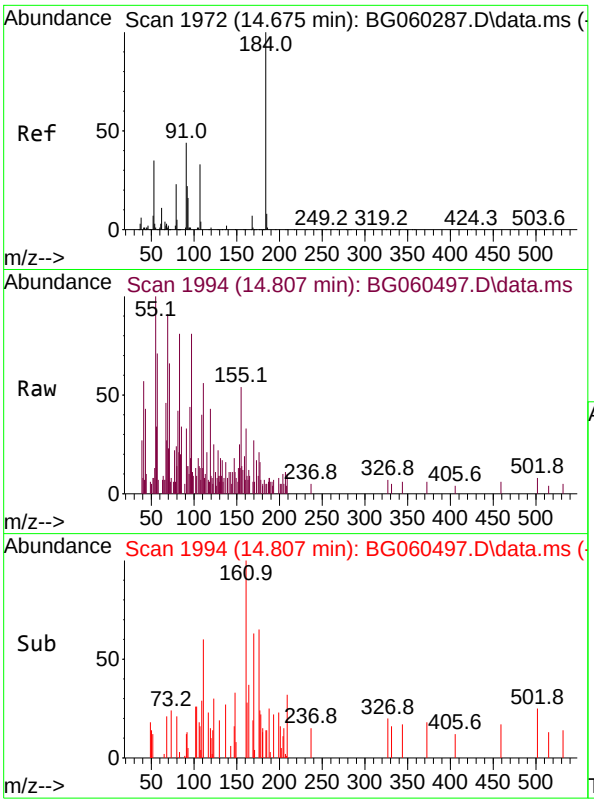


#51
2,6-Dinitrotoluene
Concen: 8.878 ng
RT: 14.560 min Scan# 1952
Delta R.T. 0.414 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:165 Resp: 82321

Ion	Ratio	Lower	Upper
165	100		
63	0.6	35.0	52.4#
89	1.2	36.2	54.2#



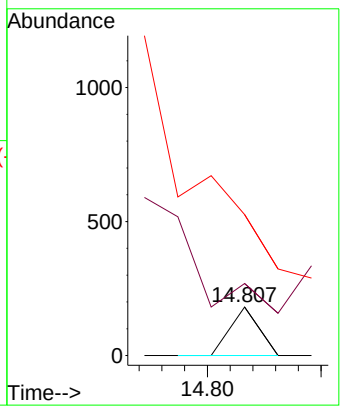


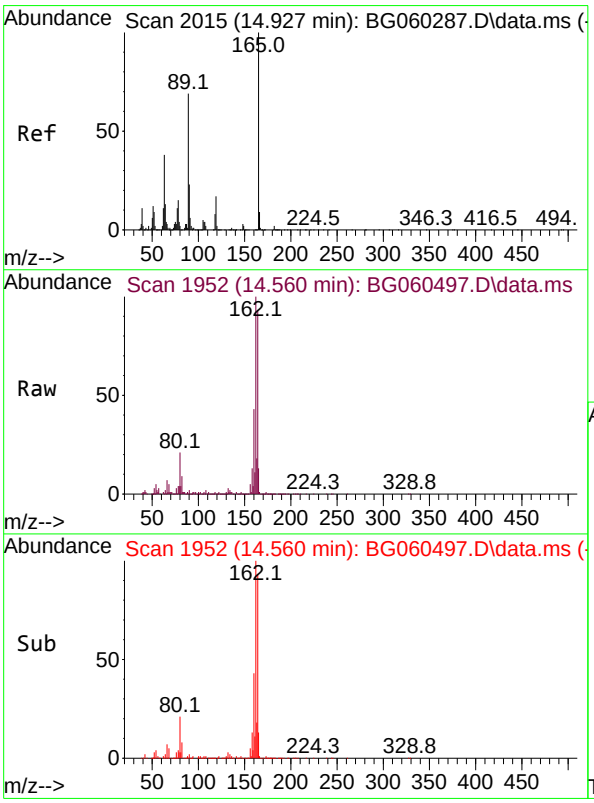
#54
2,4-Dinitrophenol
Concen: 8.597 ng
RT: 14.807 min Scan# 19
Delta R.T. 0.132 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	148.6	41.0	61.4#
154	290.6	39.2	58.8#

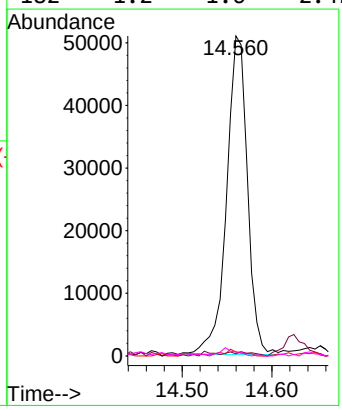


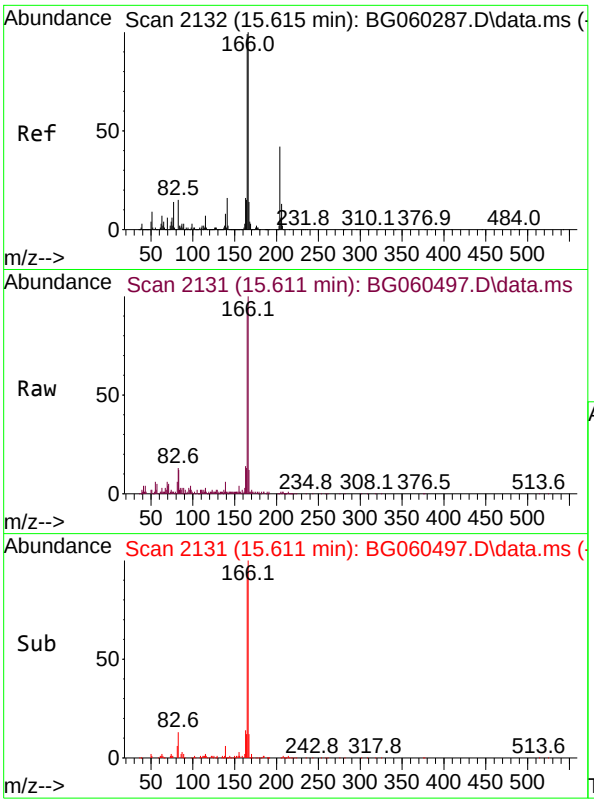


#57
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.367 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:165 Resp: 82358

Ion	Ratio	Lower	Upper
165	100		
63	0.6	30.4	45.6#
89	1.2	55.4	83.0#
182	1.2	1.6	2.4#



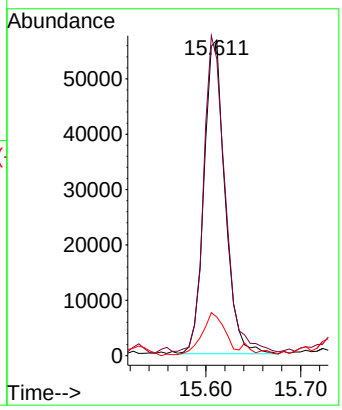


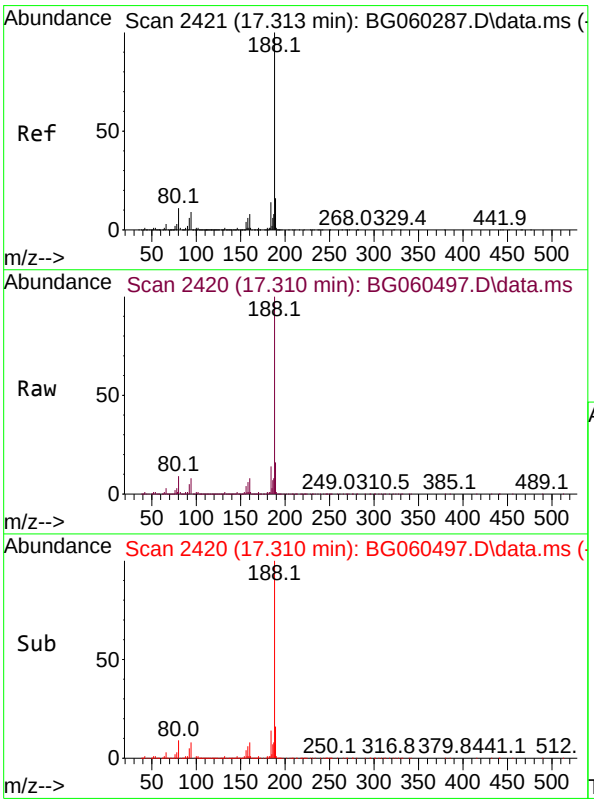
#58
Fluorene
Concen: 2.012 ng
RT: 15.611 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:166 Resp: 87688

Ion	Ratio	Lower	Upper
166	100		
165	94.1	79.0	118.6
167	12.2	11.4	17.0

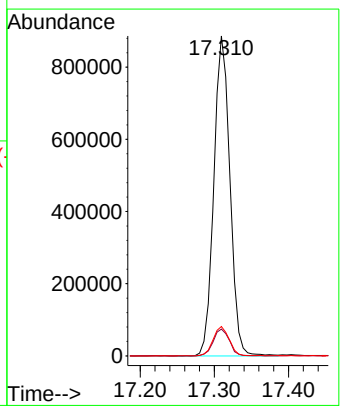


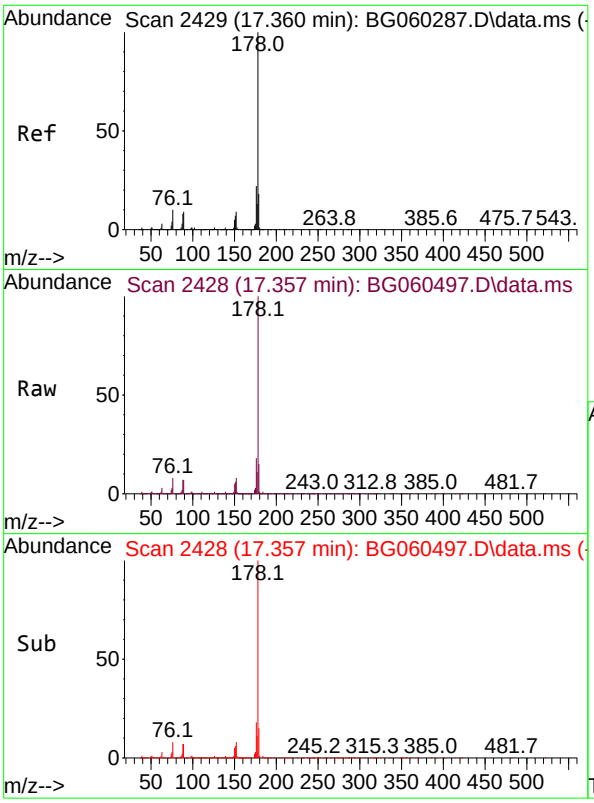


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:188 Resp: 1334478

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.2	8.5	12.7



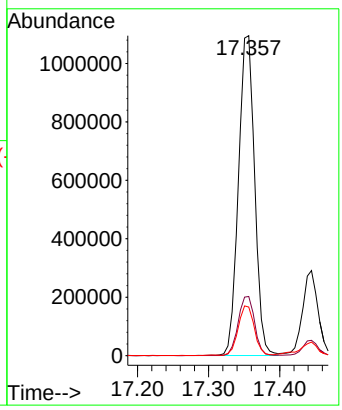


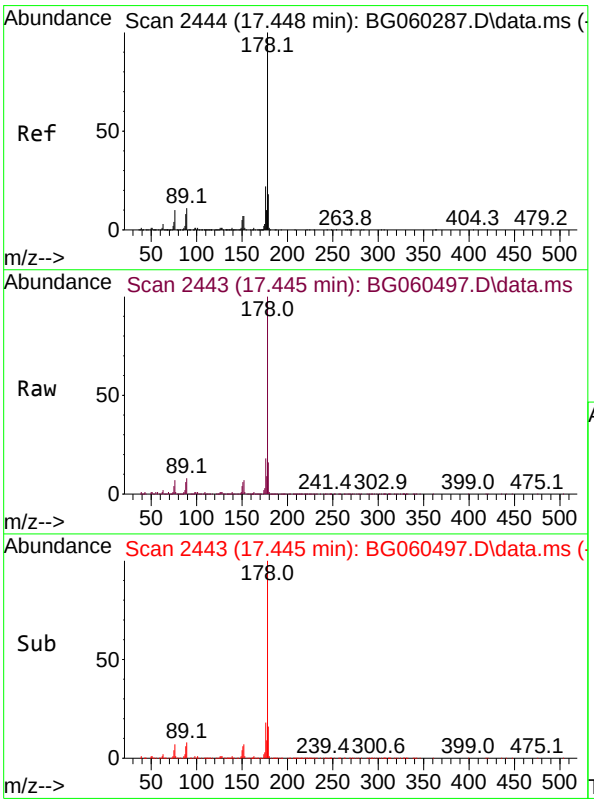
#71
Phenanthrene
Concen: 26.794 ng
RT: 17.357 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:178 Resp: 1728302

Ion	Ratio	Lower	Upper
178	100		
176	18.5	17.4	26.2
179	15.2	14.7	22.1

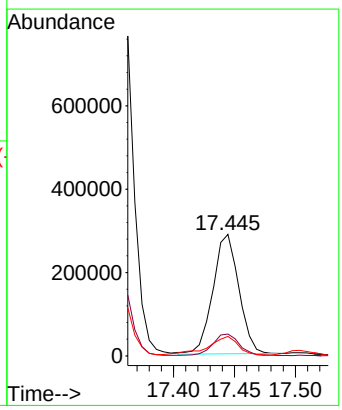


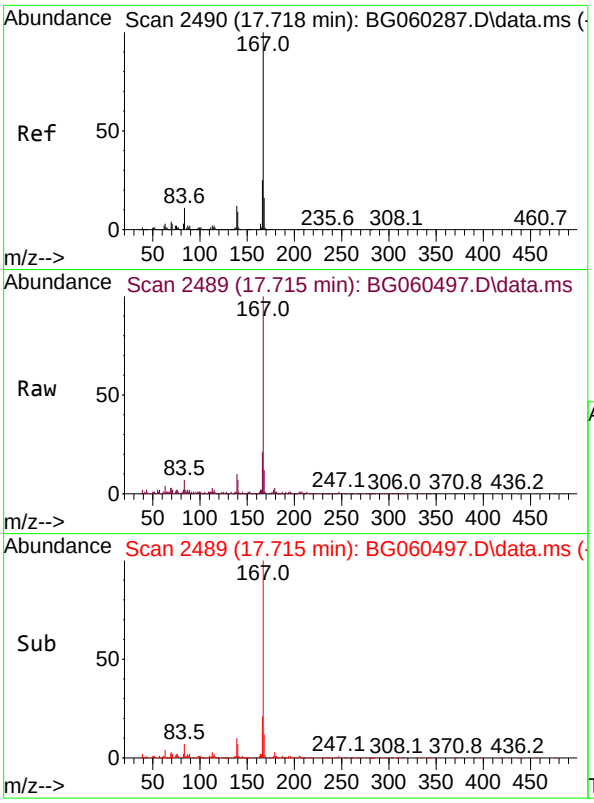


#72
Anthracene
Concen: 6.589 ng
RT: 17.445 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:178 Resp: 424344

Ion	Ratio	Lower	Upper
178	100		
176	18.0	17.8	26.6
179	16.0	14.1	21.1



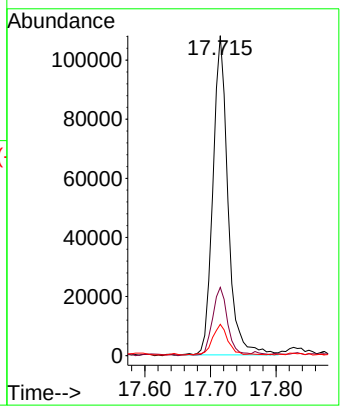


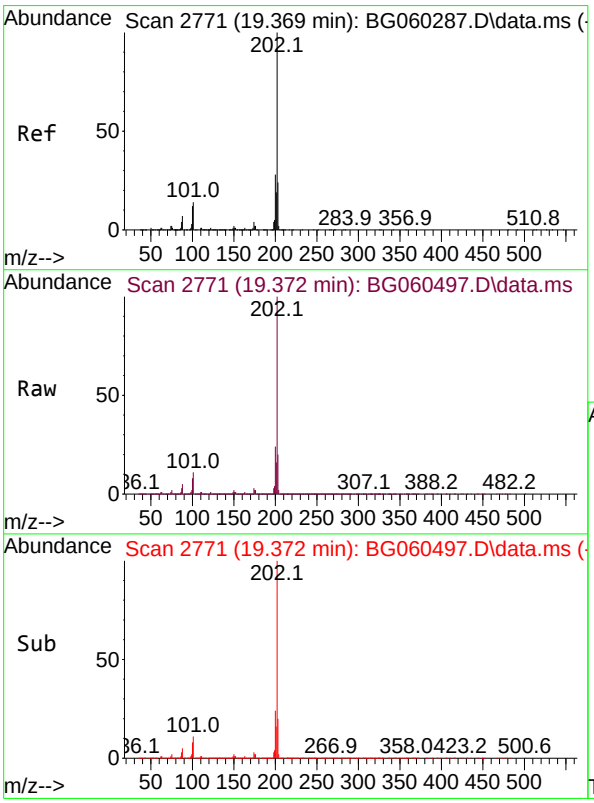
#73
Carbazole
Concen: 2.847 ng
RT: 17.715 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:167 Resp: 172862

Ion	Ratio	Lower	Upper
167	100		
166	21.3	19.8	29.8
139	9.8	9.3	13.9

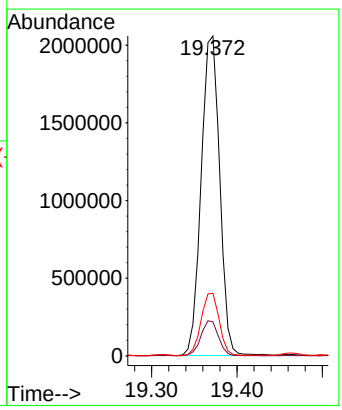


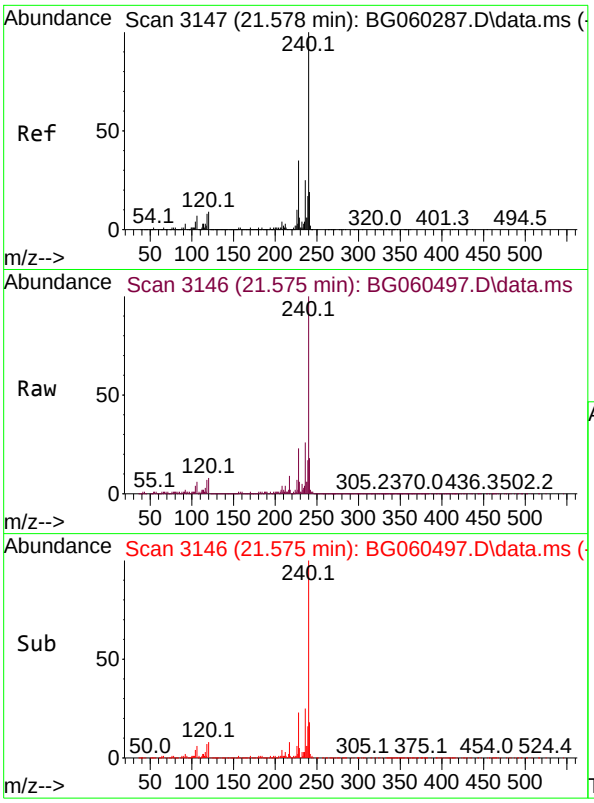


#75
Fluoranthene
Concen: 40.091 ng
RT: 19.372 min Scan# 2771
Delta R.T. 0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:202 Resp: 3105960

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.4
203	19.6	4.0	44.0



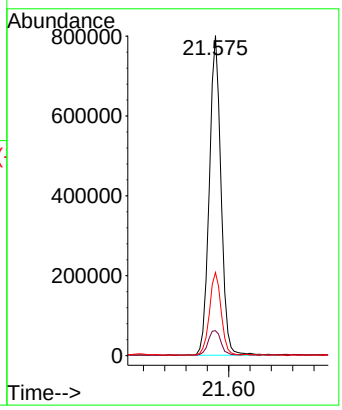


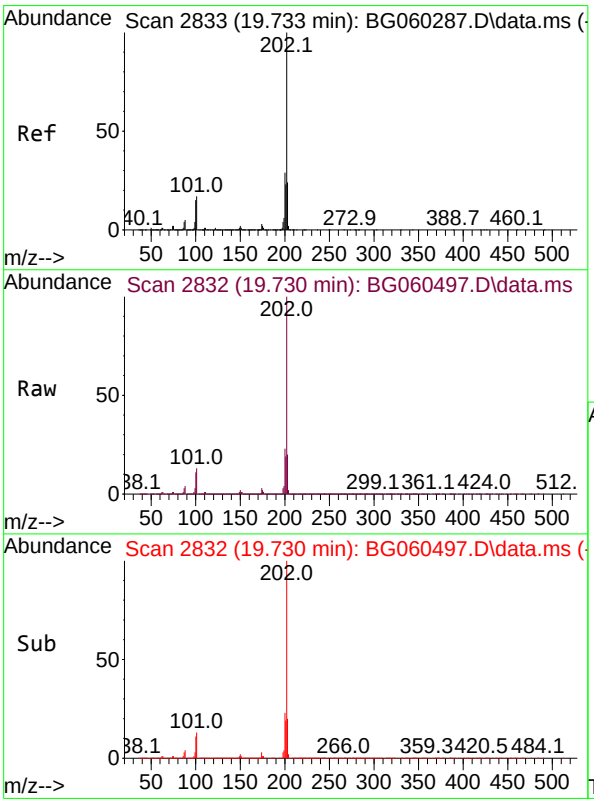
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:240 Resp: 1217761

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.3	10.9
236	26.0	20.3	30.5

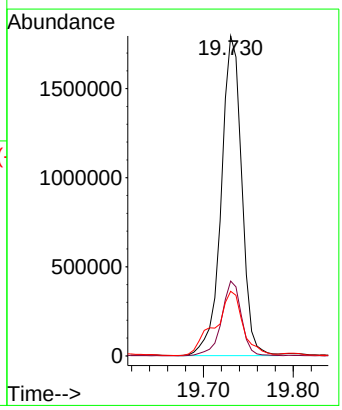


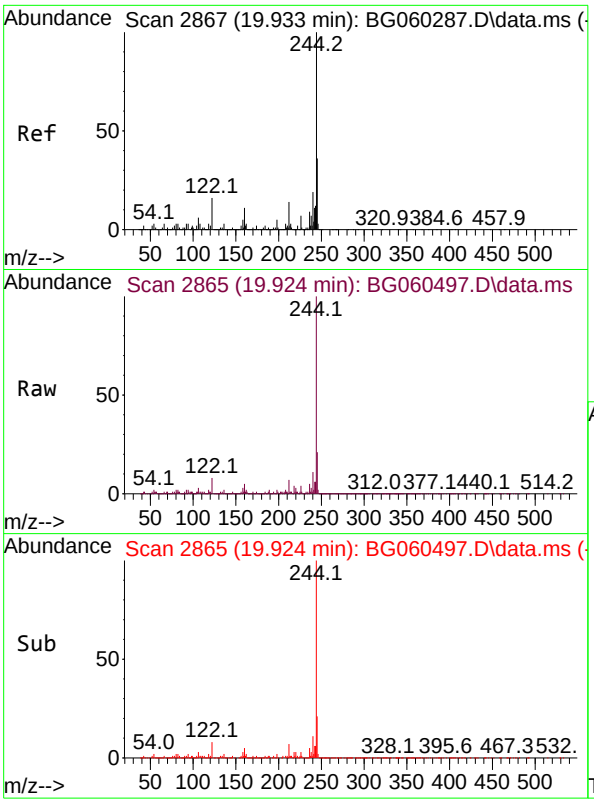


#78
Pyrene
Concen: 36.625 ng
RT: 19.730 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:202 Resp: 2848194

Ion	Ratio	Lower	Upper
202	100		
200	23.4	23.5	35.3#
203	20.2	19.6	29.4



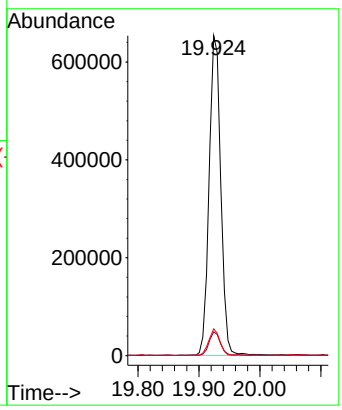


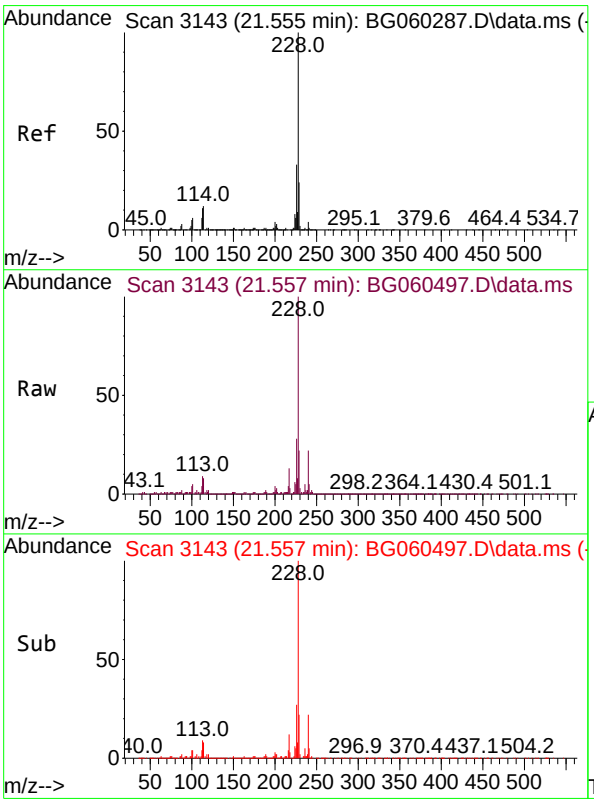
#79
Terphenyl-d14
Concen: 10.427 ng
RT: 19.924 min Scan# 28
Delta R.T. -0.009 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:244 Resp: 868276

Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.9	16.3#
122	8.4	12.6	18.8#

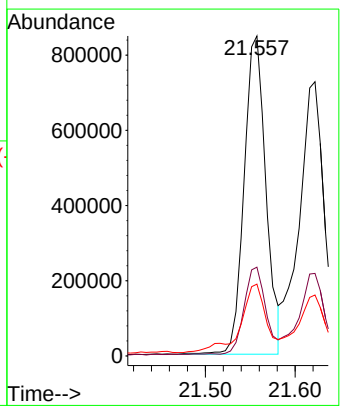


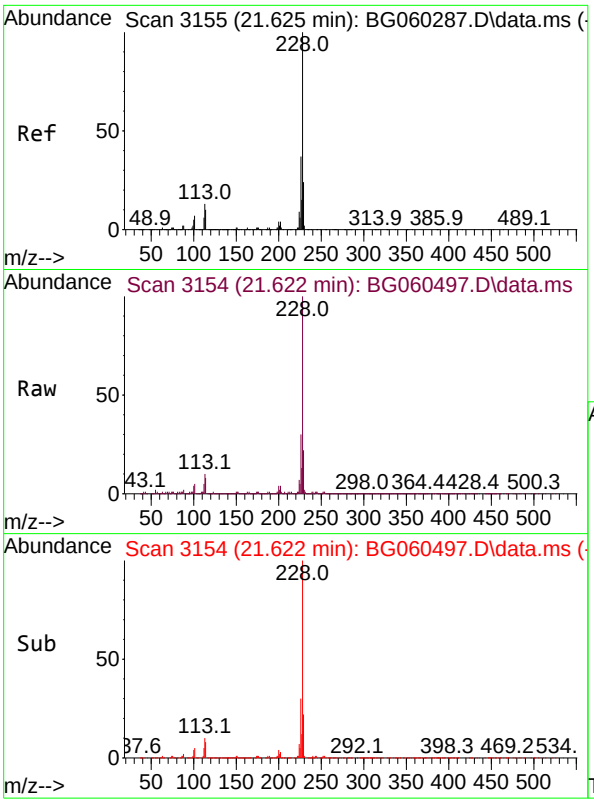


#81
Benzo(a)anthracene
Concen: 18.957 ng
RT: 21.557 min Scan# 3143
Delta R.T. 0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:228 Resp: 1429153

Ion	Ratio	Lower	Upper
228	100		
226	27.7	26.2	39.2
229	22.4	19.4	29.2



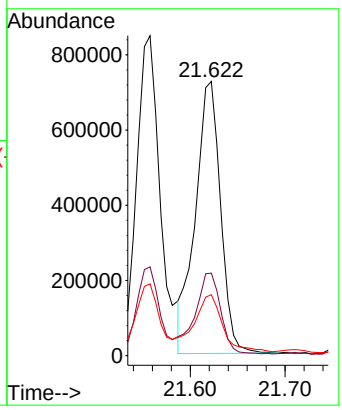


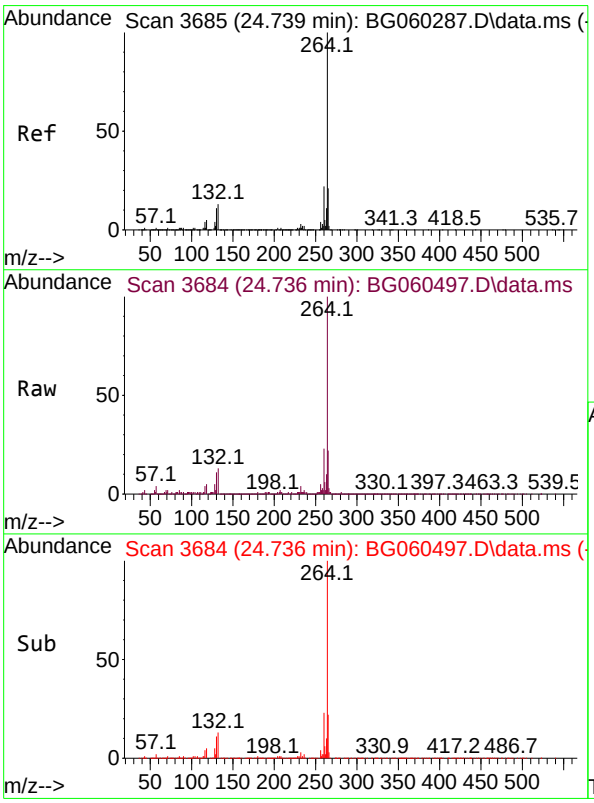
#83
Chrysene
Concen: 18.113 ng
RT: 21.622 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:228 Resp: 1343016

Ion	Ratio	Lower	Upper
228	100		
226	30.1	29.4	44.2
229	22.2	19.2	28.8

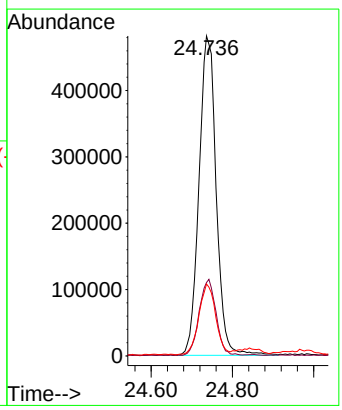


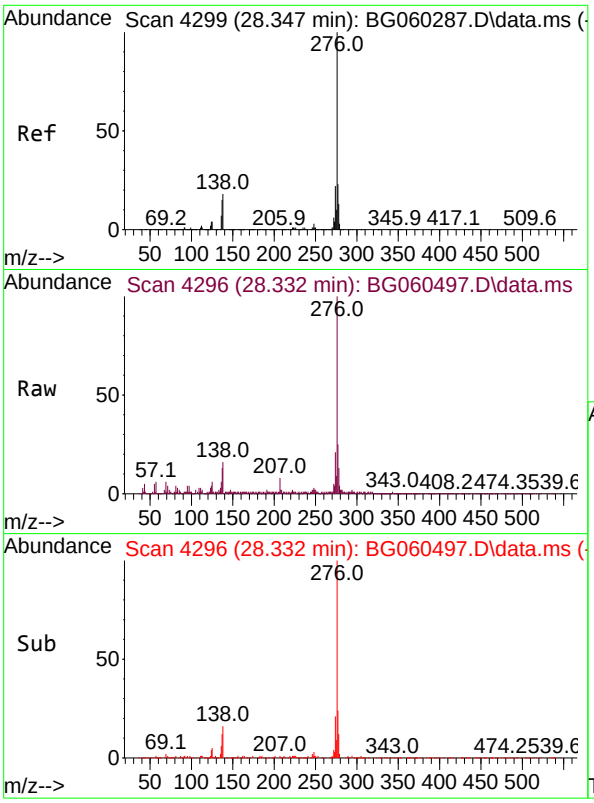


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 3684
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:264 Resp: 1417769

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.6
265	22.5	16.8	25.2



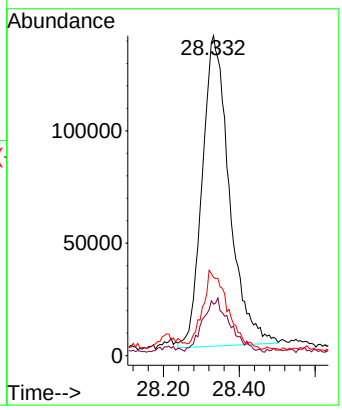


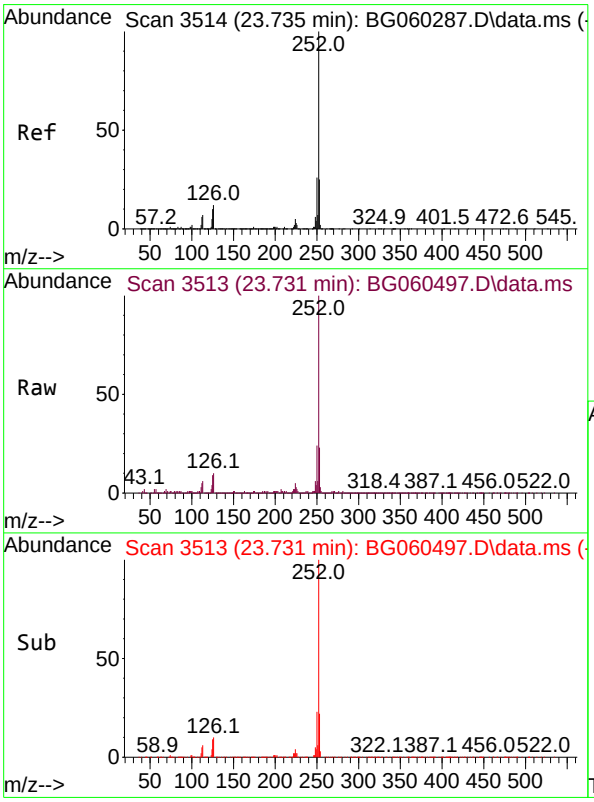
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.968 ng
RT: 28.332 min Scan# 4
Delta R.T. -0.015 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:276 Resp: 686877

Ion	Ratio	Lower	Upper
276	100		
138	17.5	12.5	18.7
277	0.0	20.5	30.7#

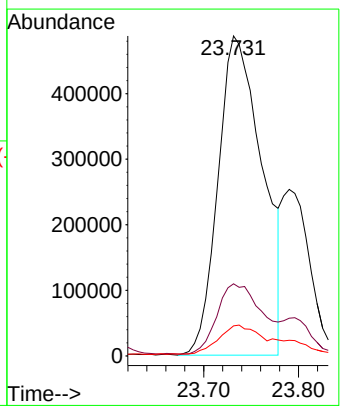


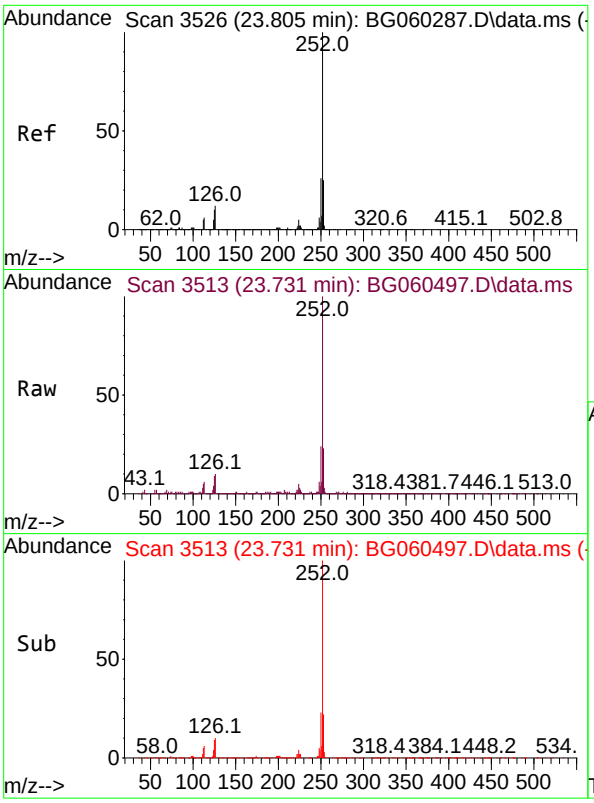


#88
Benzo(b)fluoranthene
Concen: 18.917 ng
RT: 23.731 min Scan# 3513
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:252 Resp: 1584427

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	9.4	8.1	12.1



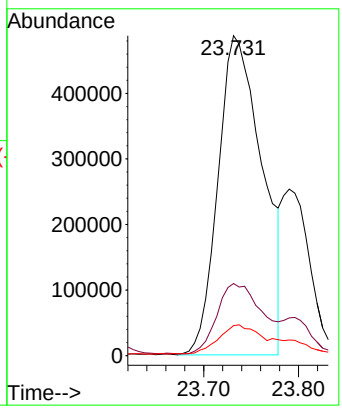


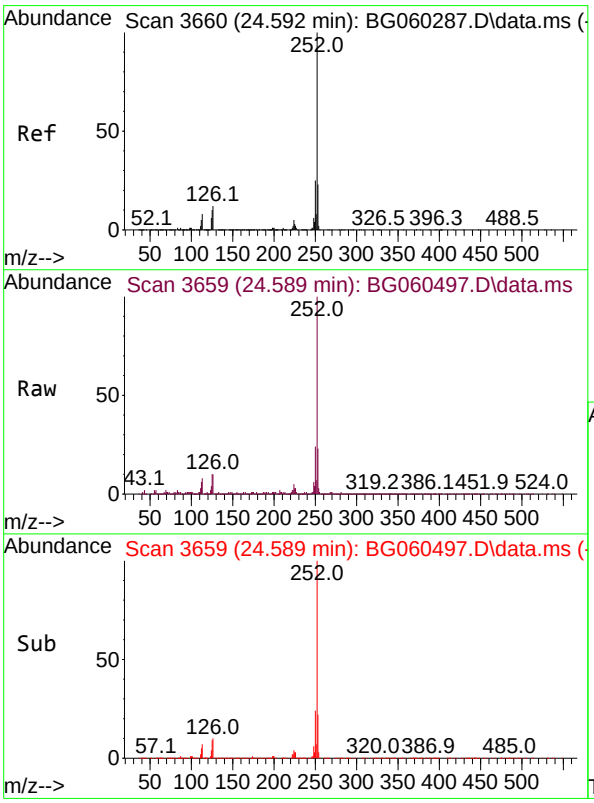
#89
Benzo(k)fluoranthene
Concen: 19.170 ng
RT: 23.731 min Scan# 3
Delta R.T. -0.074 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:252 Resp: 1584427

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.6	29.4
125	9.4	8.2	12.2

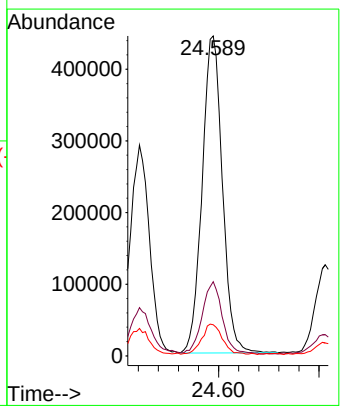


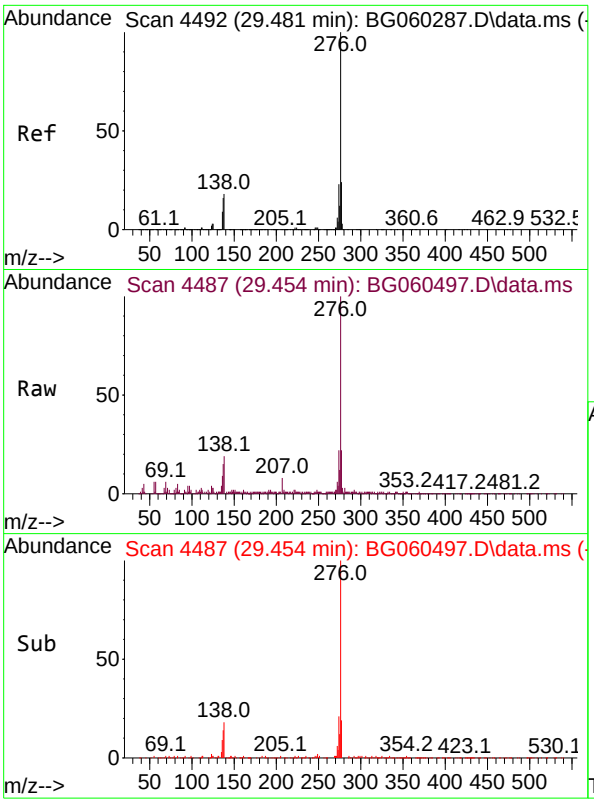


#90
Benzo(a)pyrene
Concen: 16.387 ng
RT: 24.589 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Tgt Ion:252 Resp: 1239873

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	9.7	8.1	12.1





#92
Benzo(g,h,i)perylene
Concen: 8.562 ng
RT: 29.454 min Scan# 44
Delta R.T. -0.027 min
Lab File: BG060497.D
Acq: 31 Jan 2024 00:05

Instrument :
BNA_G
ClientSampleId :
CHESTNUT-ST-TP-2

Tgt Ion:276 Resp: 706485

Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.4	29.0
138	19.0	14.2	21.4