Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055112.D
Acq On : 10 Oct 2022 14:35
Operator : CG/JU
Sample : N5018-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Quant Time: Oct 11 04:03:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	31783	20.000	ng	0.00
21) Naphthalene-d8	11.162	136	129391	20.000	ng	0.00
39) Acenaphthene-d10	14.934	164	89872	20.000	ng	0.00
64) Phenanthrene-d10	17.672	188	222103	20.000	ng	0.00
76) Chrysene-d12	21.967	240	221545	20.000	ng	0.00
86) Perylene-d12	25.410	264	243129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	235118	164.311	ng	0.00
7) Phenol-d6	7.460	99	306502	142.959	ng	0.00
23) Nitrobenzene-d5	9.499	82	195989	90.510	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	179744	189.436	ng	0.00
45) 2-Fluorobiphenyl	13.565	172	462072	80.264	ng	0.00
79) Terphenyl-d14	20.245	244	888913	81.097	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	3352	4.140	ng	# 1
19) n-Nitroso-di-n-propyla...	9.499	70	27455	13.220	ng	# 77
48) 2-Nitroaniline	13.571	65	883	4.660	ng	# 1
51) 2,6-Dinitrotoluene	14.934	165	11810	12.266	ng	# 13
56) 4-Nitrophenol	15.327	139	441	5.287	ng	# 1
57) 2,4-Dinitrotoluene	14.934	165	11810	10.008	ng	# 15
67) 4-Bromophenyl-phenylether	16.408	248	11058	4.708	ng	# 1
71) Phenanthrene	17.713	178	102294	8.768	ng	97
72) Anthracene	17.801	178	24284	2.140	ng	97
75) Fluoranthene	19.699	202	387398	26.617	ng	99
77) Benzidine	20.245	184	13697	3.589	ng	# 91
78) Pyrene	20.057	202	304252	20.653	ng	99
80) Butylbenzylphthalate	20.933	149	1190	5.070	ng	93
81) Benzo(a)anthracene	21.943	228	194696	13.834	ng	98
83) Chrysene	22.014	228	178219	13.139	ng	96
84) Bis(2-ethylhexyl)phtha...	21.826	149	3750	4.598	ng	# 86
85) Di-n-octyl phthalate	23.118	149	1259	4.440	ng	# 58
88) Benzo(b)fluoranthene	24.311	252	229890	16.048	ng	99
89) Benzo(k)fluoranthene	24.311	252	229890	15.929	ng	99
90) Benzo(a)pyrene	25.245	252	156173	12.720	ng	97
91) Dibenzo(a,h)anthracene	29.417	278	31736	2.227	ng	# 93
92) Benzo(g,h,i)perylene	30.609	276	96365	6.735	ng	98

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

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Misc :
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Quant Time: Oct 11 04:03:28 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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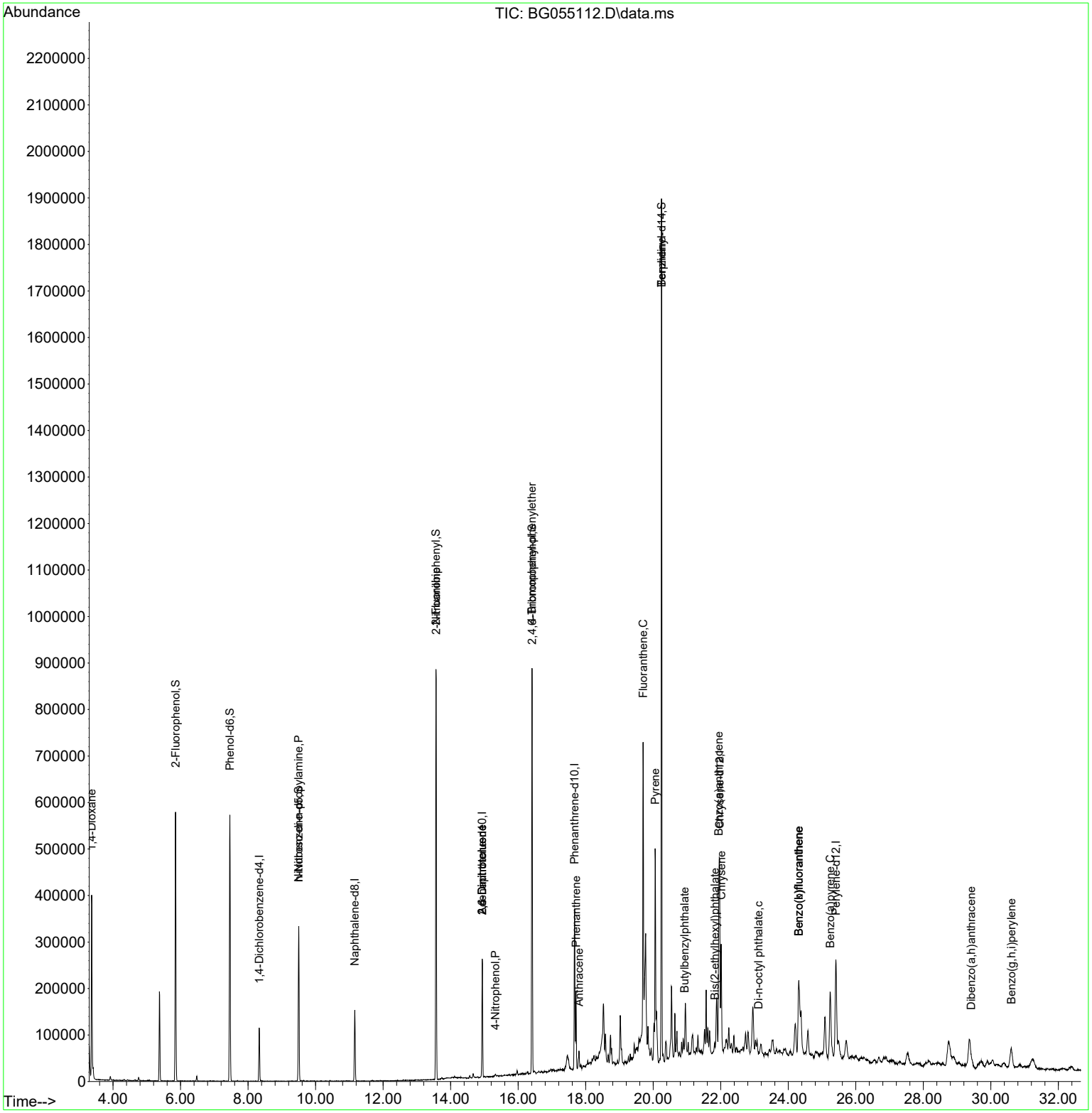
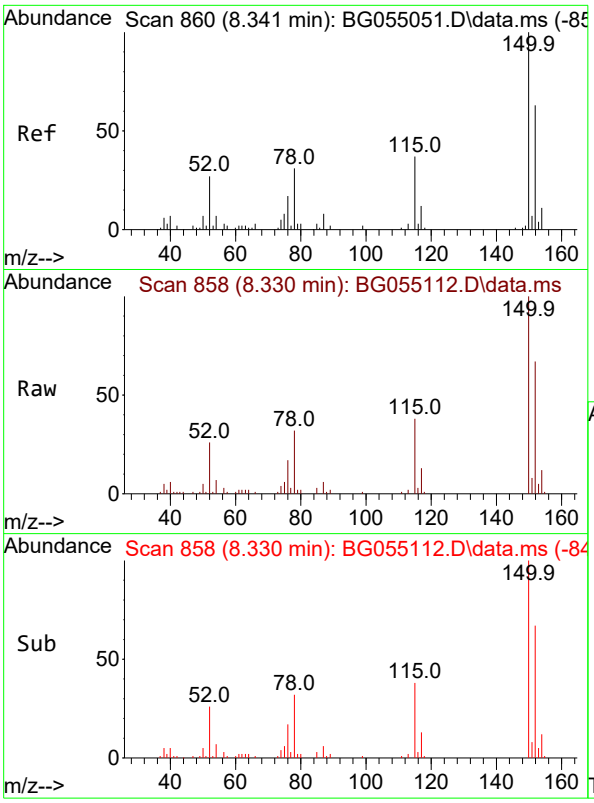


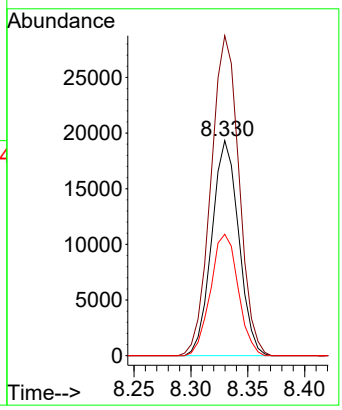


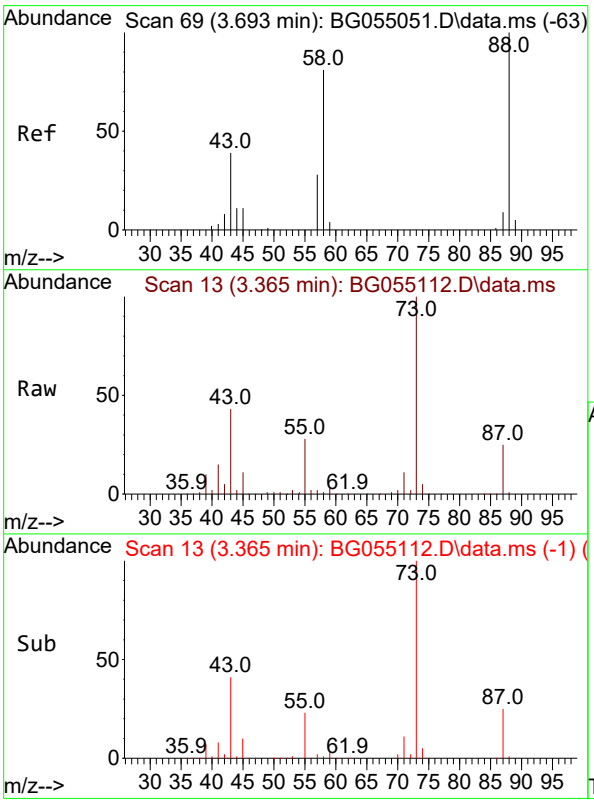
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.330 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:152 Resp: 31783

Ion	Ratio	Lower	Upper
152	100		
150	148.8	128.0	192.0
115	56.5	47.7	71.5

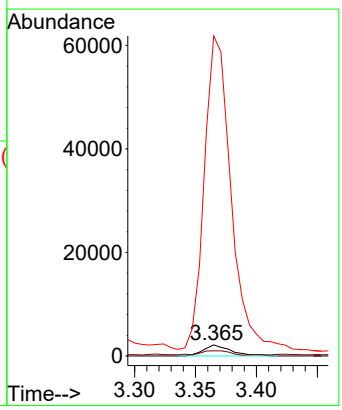


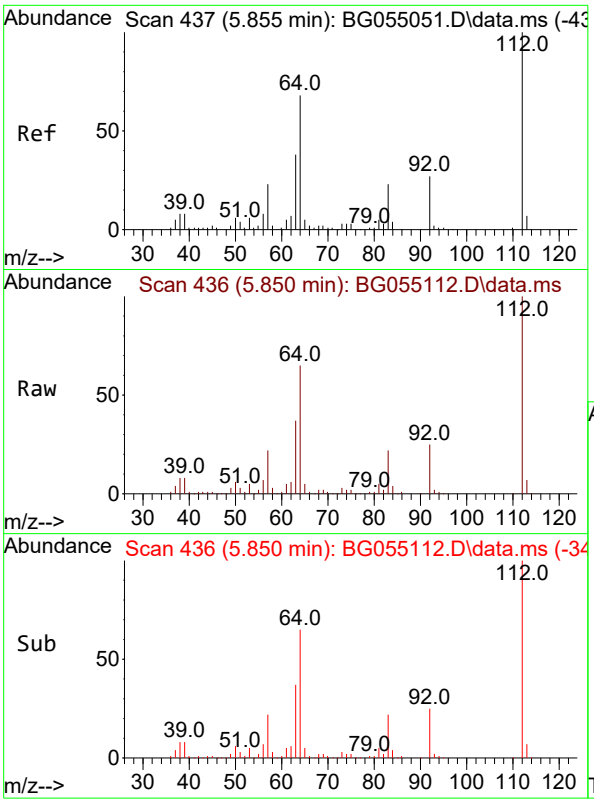


#2
1,4-Dioxane
Concen: 4.140 ng
RT: 3.365 min Scan# 13
Delta R.T. -0.319 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion: 88 Resp: 3352

Ion	Ratio	Lower	Upper
88	100		
58	37.6	62.6	94.0#
43	2883.9	29.0	43.6#



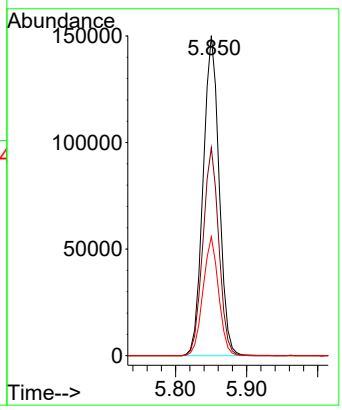


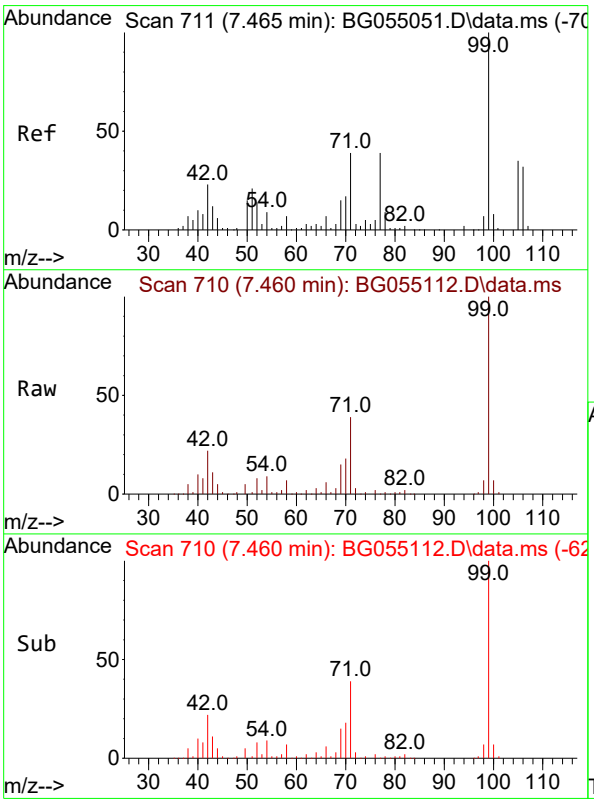
#5
2-Fluorophenol
Concen: 164.311 ng
RT: 5.850 min Scan# 4
Delta R.T. -0.002 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:112 Resp: 235118

Ion	Ratio	Lower	Upper
112	100		
64	65.0	54.5	81.7
63	37.2	30.5	45.7

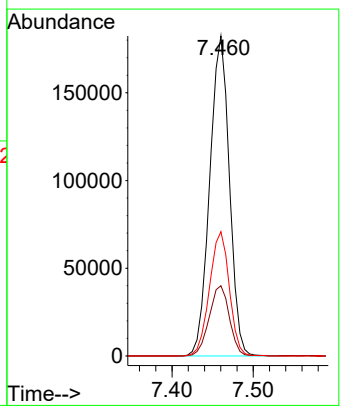


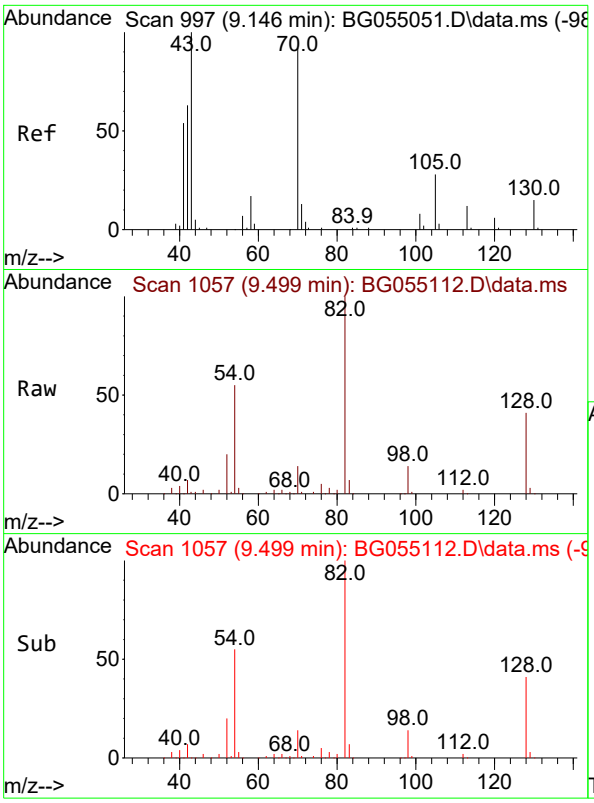


#7
Phenol-d6
Concen: 142.959 ng
RT: 7.460 min Scan# 710
Delta R.T. -0.002 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion: 99 Resp: 306502

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.6	28.0
71	38.9	31.2	46.8



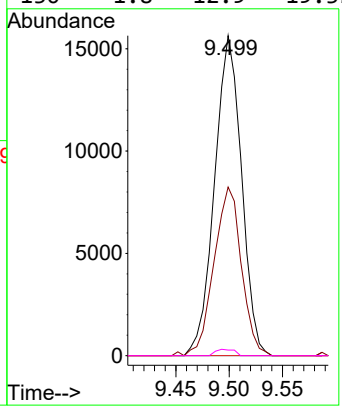


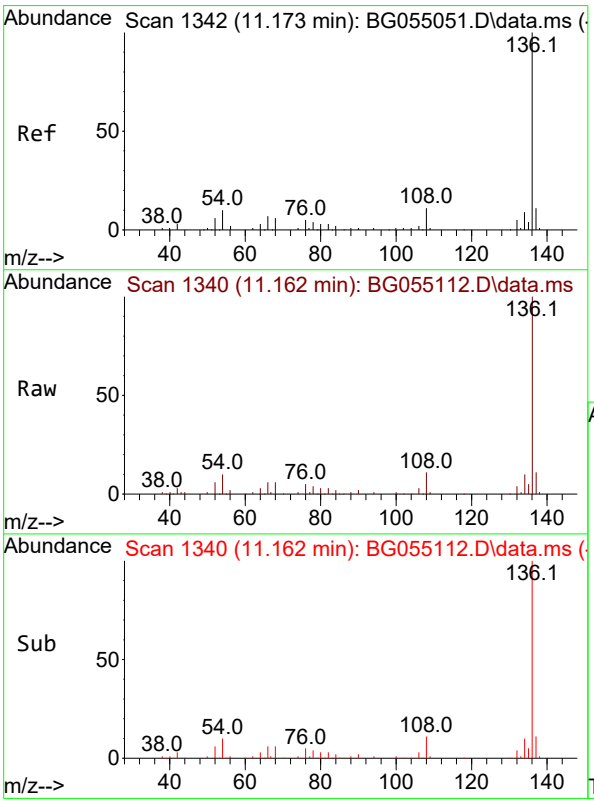
#19
n-Nitroso-di-n-propylamine
Concen: 13.220 ng
RT: 9.499 min Scan# 1
Delta R.T. 0.362 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion: 70 Resp: 27455

Ion	Ratio	Lower	Upper
70	100		
42	52.7	55.8	83.6#
101	0.0	7.1	10.7#
130	1.8	12.9	19.3#

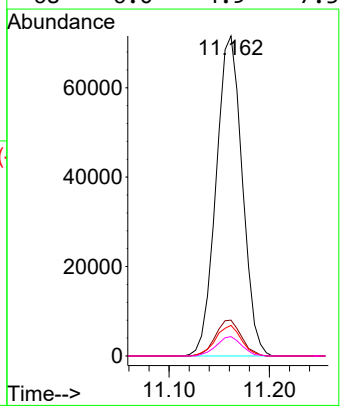


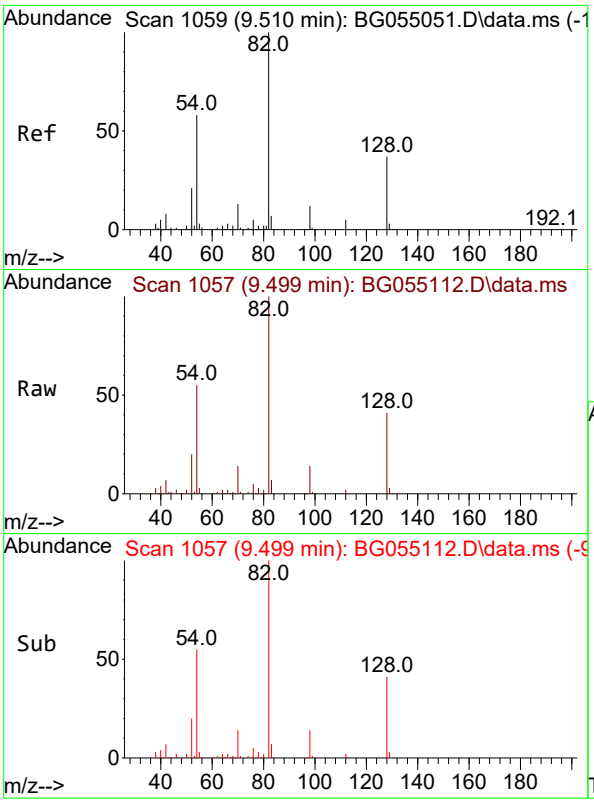


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.162 min Scan# 1340
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:136 Resp: 129391

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.5	8.2	12.4
68	6.0	4.9	7.3



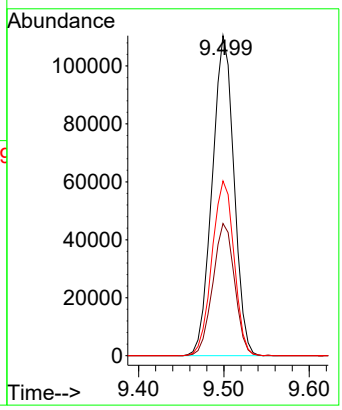


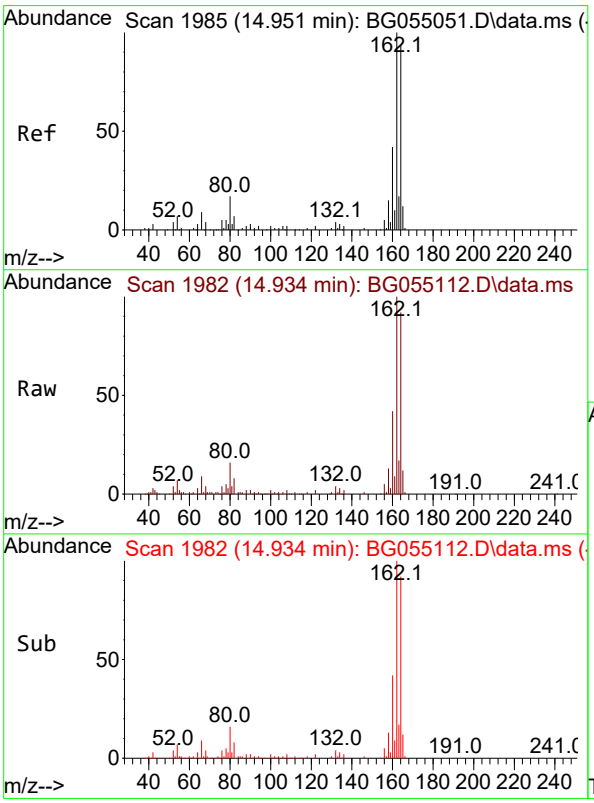
#23
Nitrobenzene-d5
Concen: 90.510 ng
RT: 9.499 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion: 82 Resp: 195989

Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.5	44.3
54	54.6	46.7	70.1

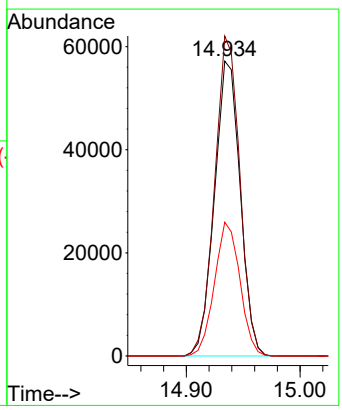


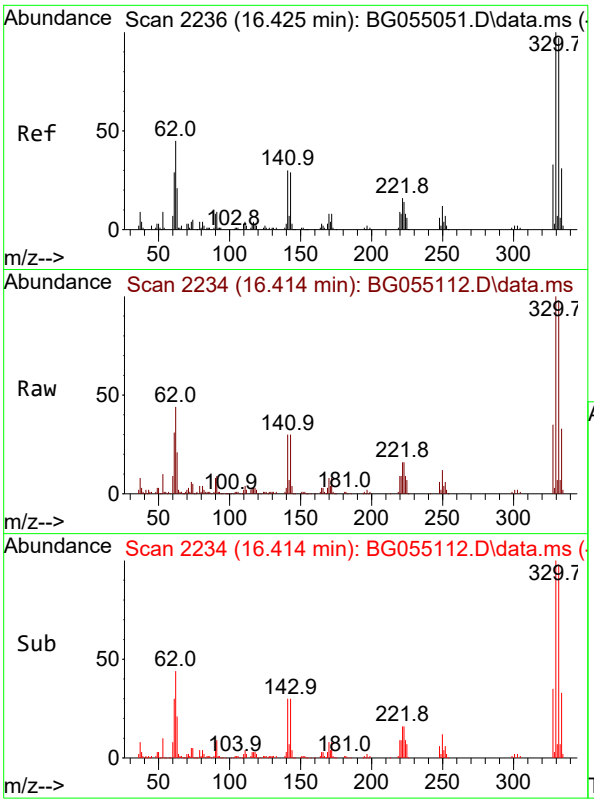


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.934 min Scan# 1982
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:164 Resp: 89872

Ion	Ratio	Lower	Upper
164	100		
162	108.5	85.5	128.3
160	45.3	35.5	53.3



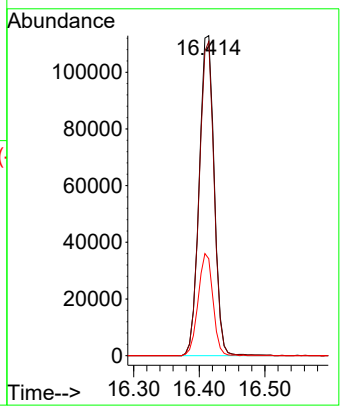


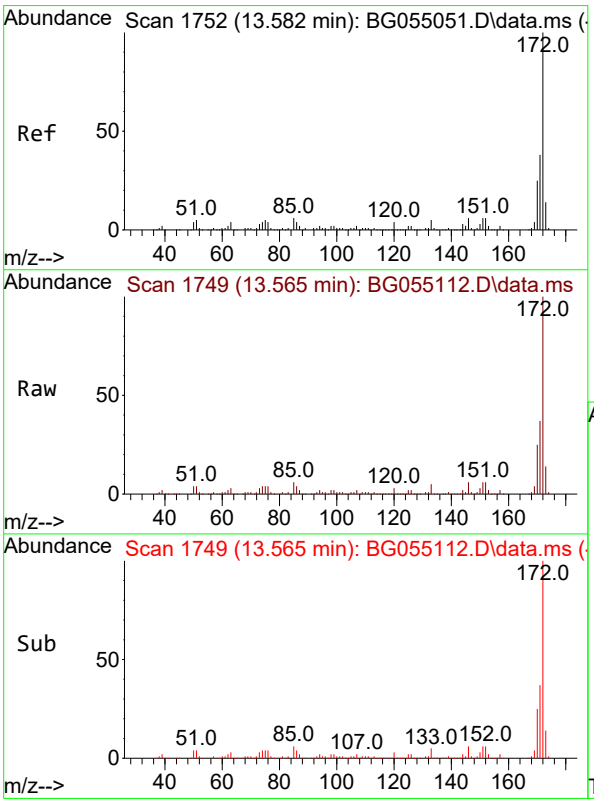
#42
2,4,6-Tribromophenol
Concen: 189.436 ng
RT: 16.414 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:330 Resp: 179744

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	31.4	25.0	37.4

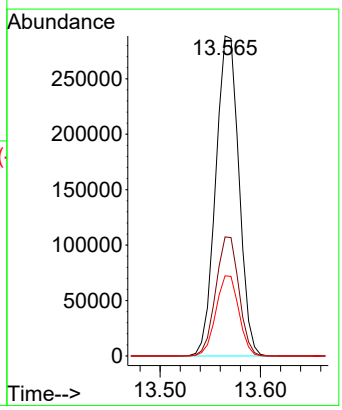


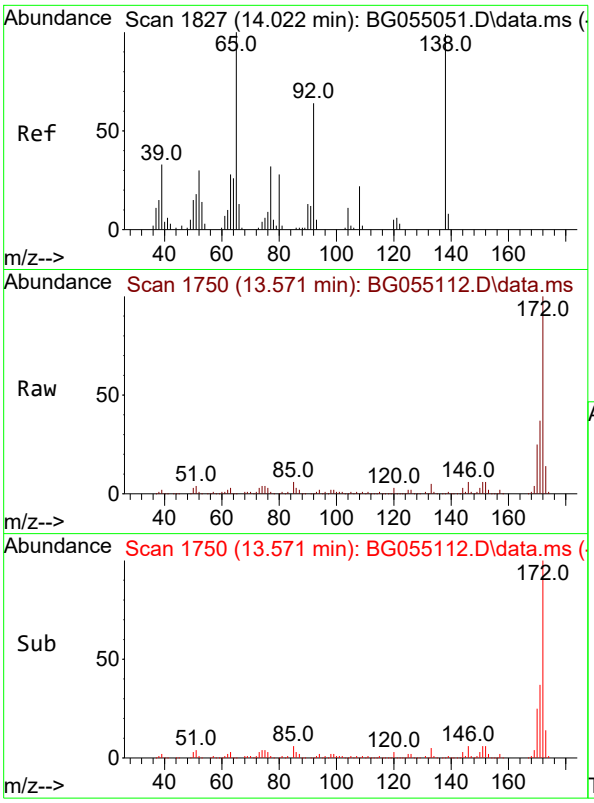


#45
2-Fluorobiphenyl
Concen: 80.264 ng
RT: 13.565 min Scan# 1749
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:172 Resp: 462072

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.1	45.1
170	25.1	20.0	30.0



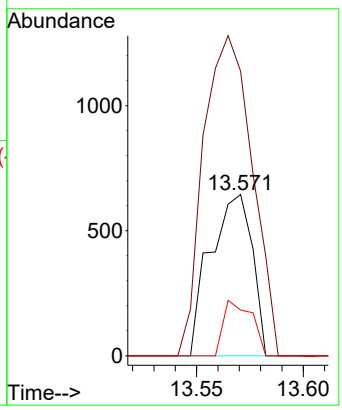


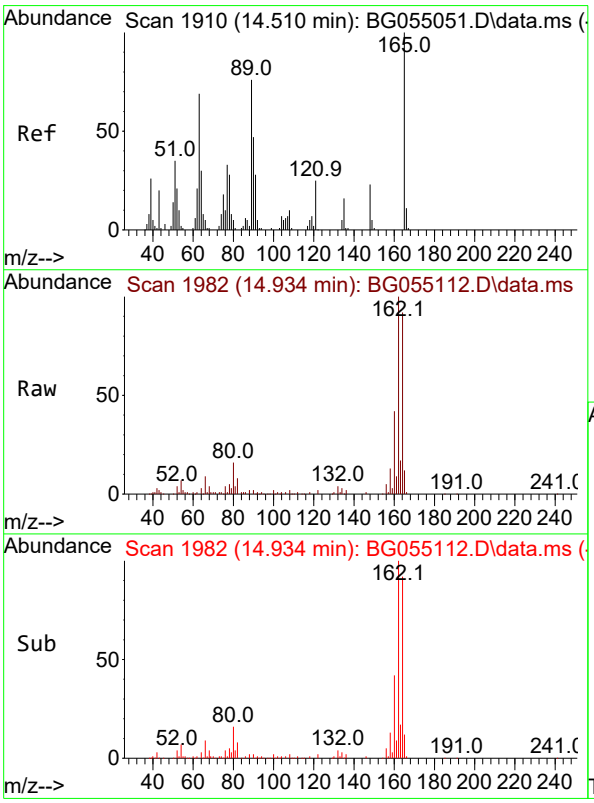
#48
2-Nitroaniline
Concen: 4.660 ng
RT: 13.571 min Scan# 1
Delta R.T. -0.449 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion: 65 Resp: 883

Ion	Ratio	Lower	Upper
65	100		
92	176.4	50.9	76.3#
138	28.4	79.5	119.3#

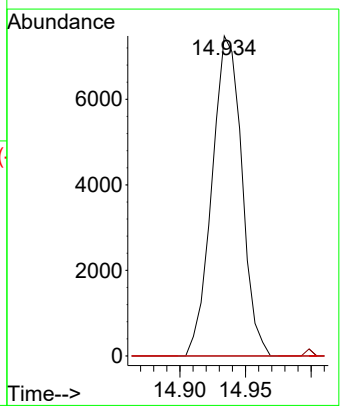


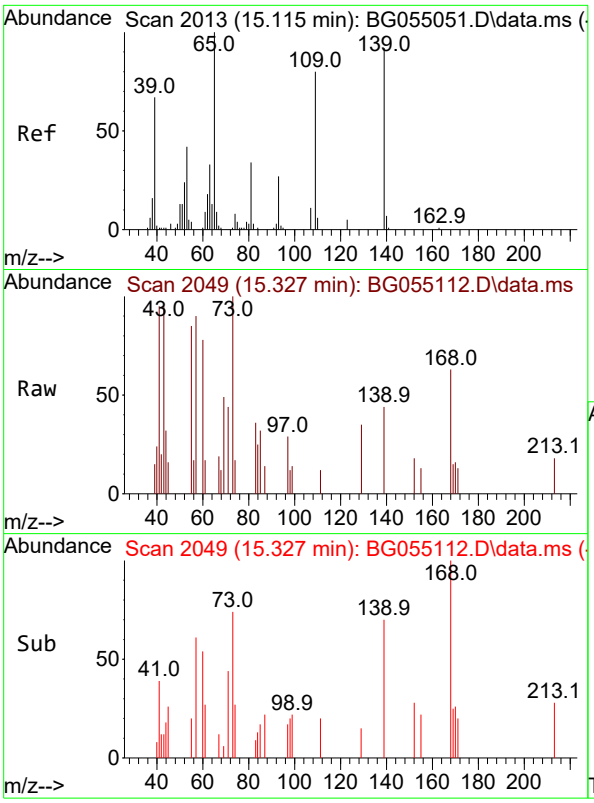


#51
2,6-Dinitrotoluene
Concen: 12.266 ng
RT: 14.934 min Scan# 1982
Delta R.T. 0.427 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:165 Resp: 11810

Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.2	84.4#
89	0.0	60.4	90.6#



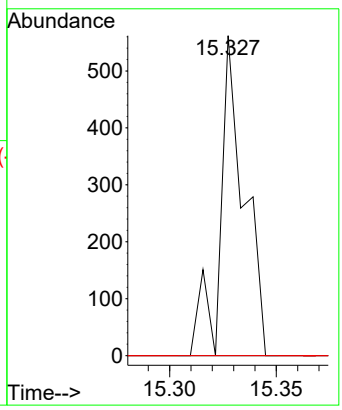


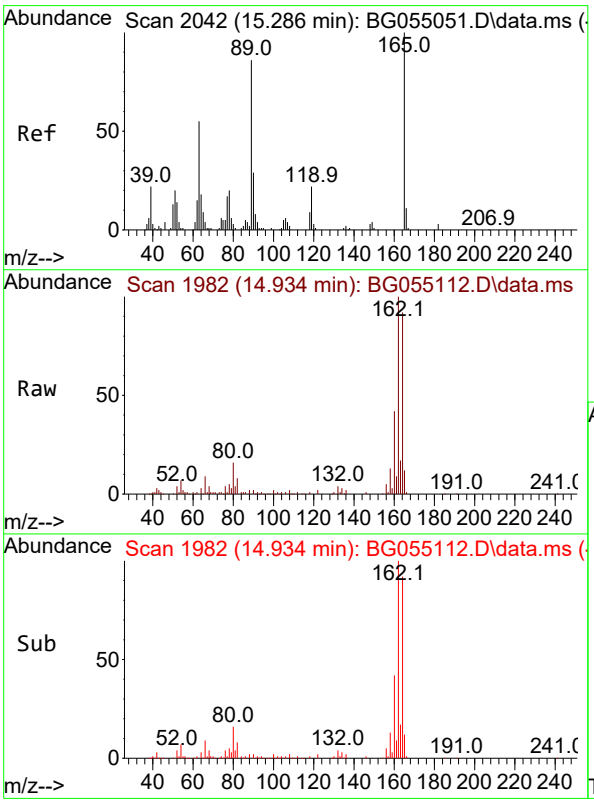
#56
4-Nitrophenol
Concen: 5.287 ng
RT: 15.327 min Scan# 2
Delta R.T. 0.215 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:139 Resp: 441

Ion	Ratio	Lower	Upper
139	100		
109	0.0	66.6	106.6#
65	0.0	88.5	128.5#

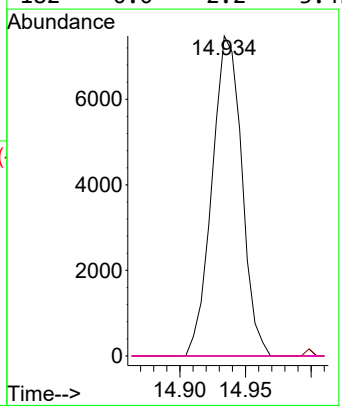


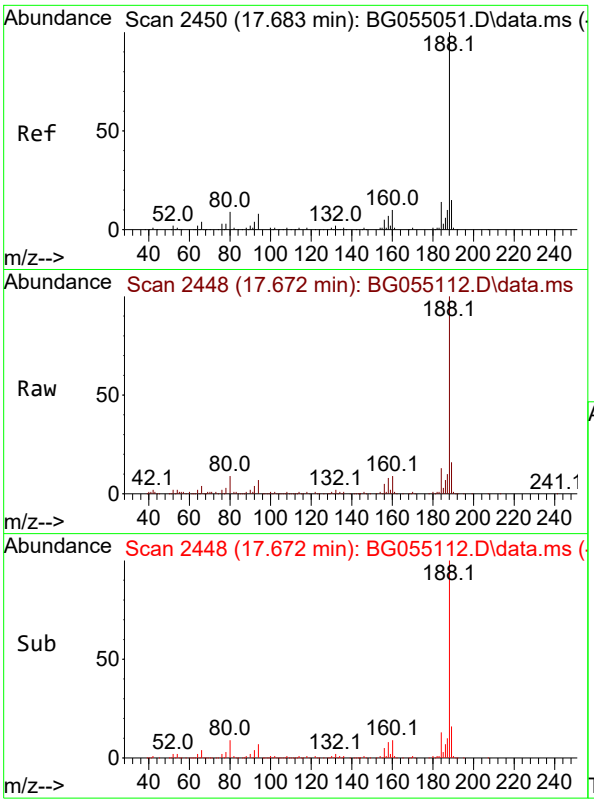


#57
2,4-Dinitrotoluene
Concen: 10.008 ng
RT: 14.934 min Scan# 1982
Delta R.T. -0.349 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:165 Resp: 11810

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.2	66.2#
89	0.0	69.0	103.6#
182	0.0	2.2	3.4#



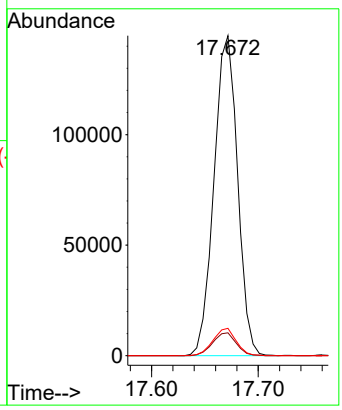


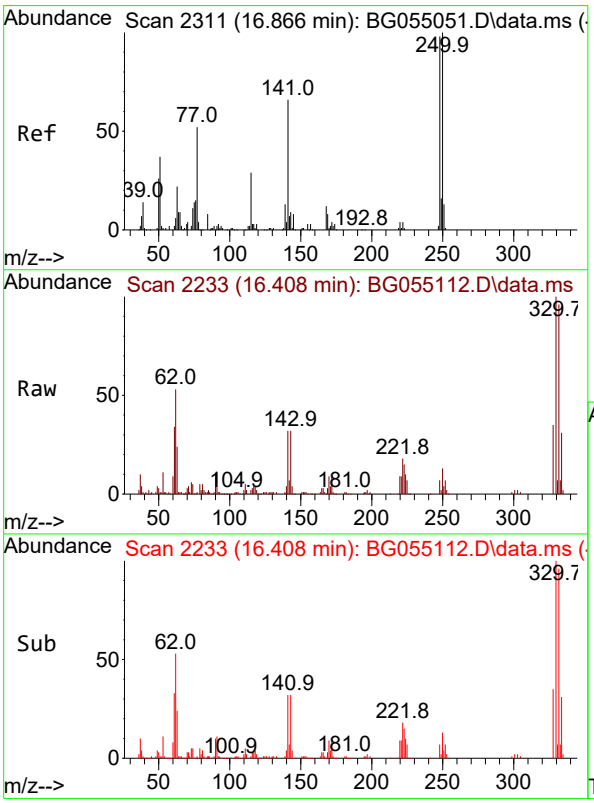
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.672 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:188 Resp: 222103

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.2
80	8.5	7.2	10.8

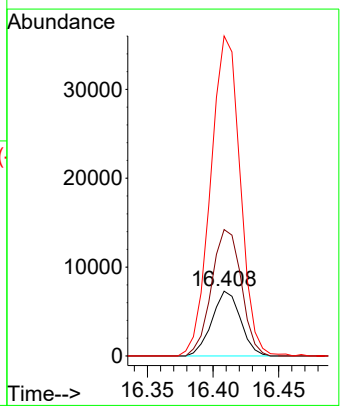


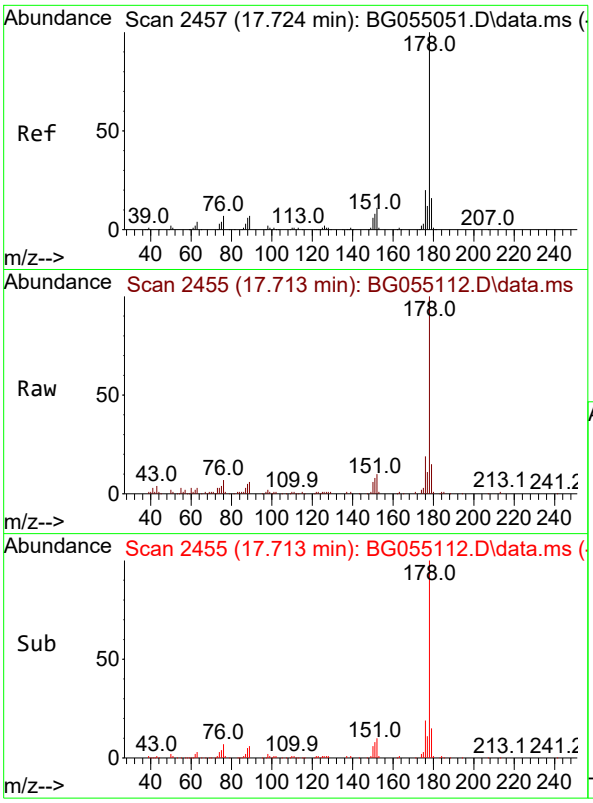


#67
4-Bromophenyl-phenylether
Concen: 4.708 ng
RT: 16.408 min Scan# 2233
Delta R.T. -0.449 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:248 Resp: 11058

Ion	Ratio	Lower	Upper
248	100		
250	194.9	81.7	122.5#
141	493.4	53.7	80.5#



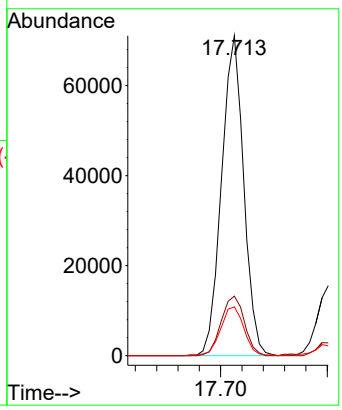


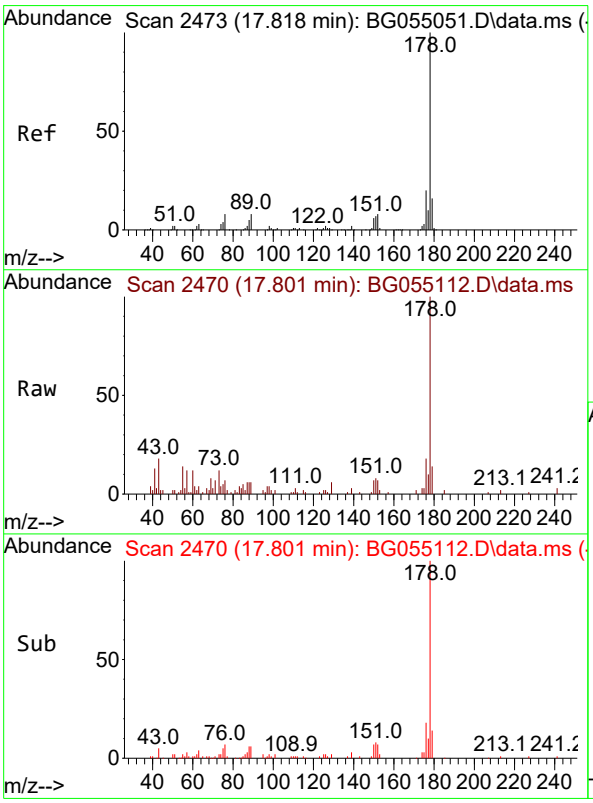
#71
Phenanthrene
Concen: 8.768 ng
RT: 17.713 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:178 Resp: 102294

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.3	13.2	19.8

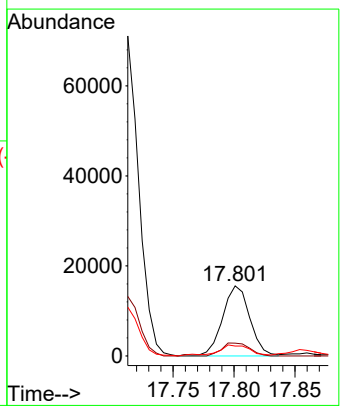


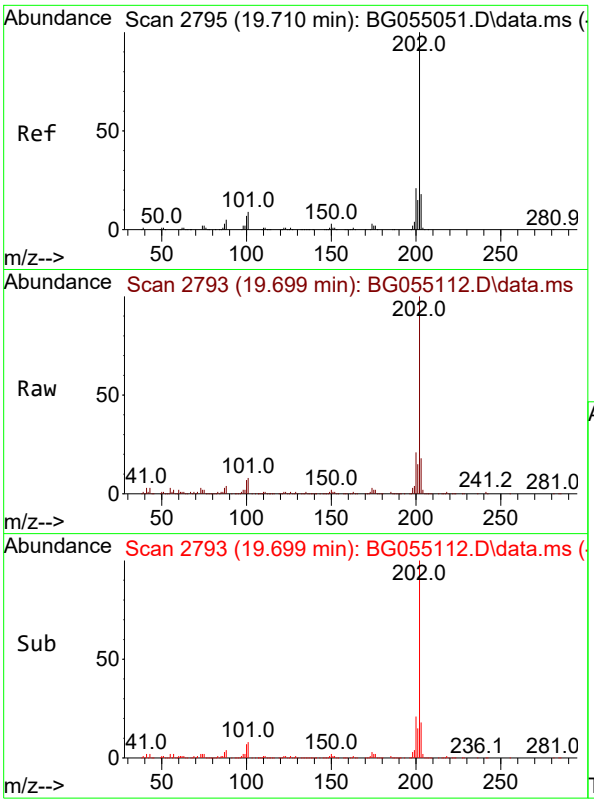


#72
Anthracene
Concen: 2.140 ng
RT: 17.801 min Scan# 2470
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:178 Resp: 24284

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	14.1	12.5	18.7



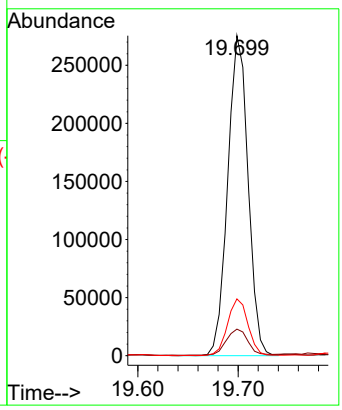


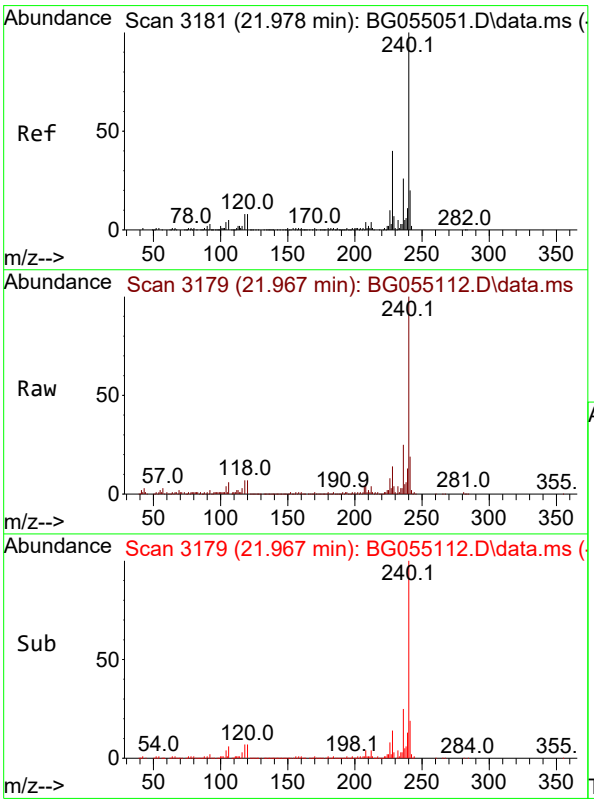
#75
Fluoranthene
Concen: 26.617 ng
RT: 19.699 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:202 Resp: 387398

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.9
203	17.8	0.0	37.7

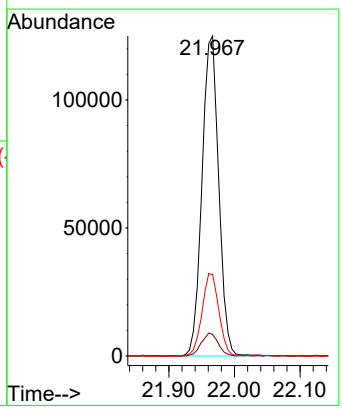


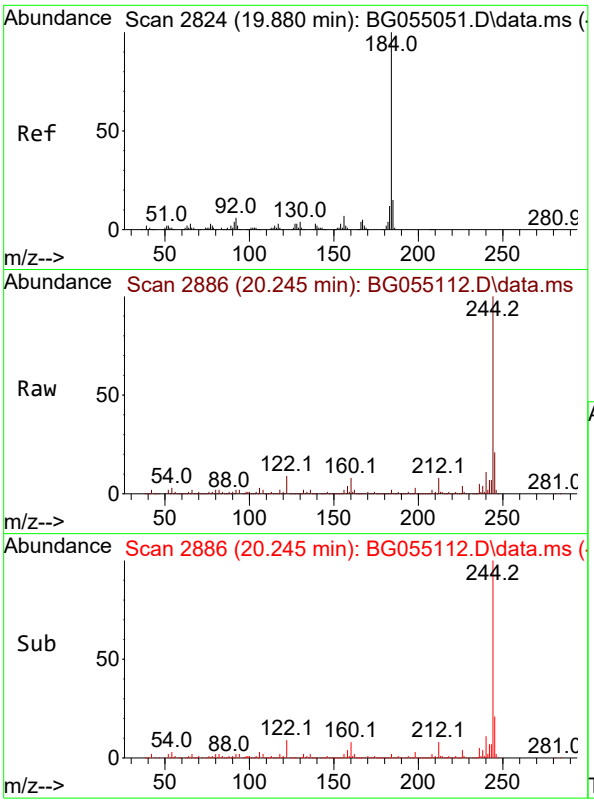


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.967 min Scan# 3179
Delta R.T. -0.002 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:240 Resp: 221545

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.2	9.4
236	25.5	20.6	30.8



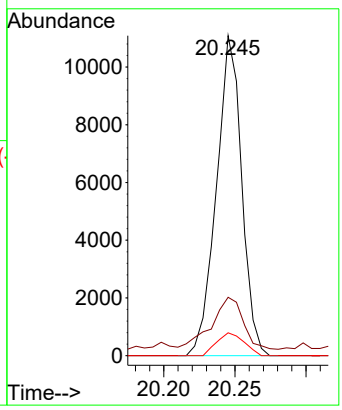


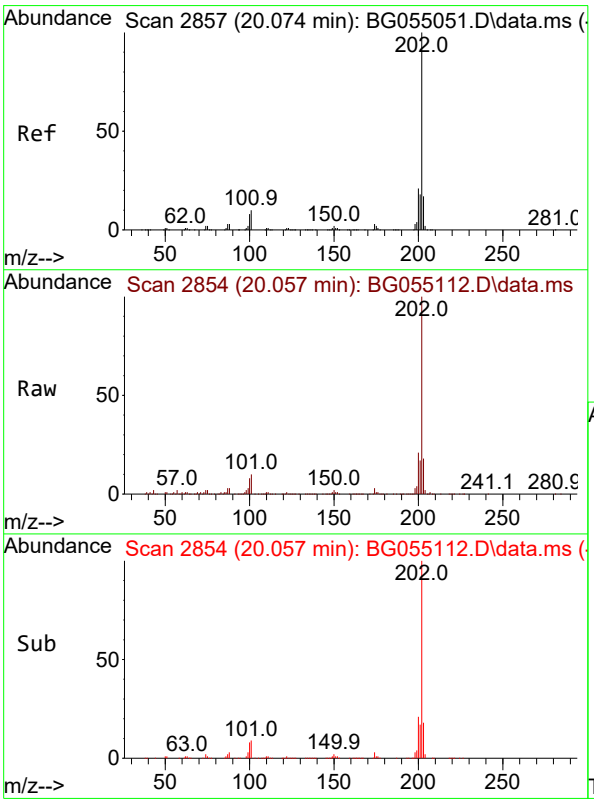
#77
Benzidine
Concen: 3.589 ng
RT: 20.245 min Scan# 2
Delta R.T. 0.374 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:184 Resp: 13697

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.2	18.4
183	7.1	9.4	14.0#

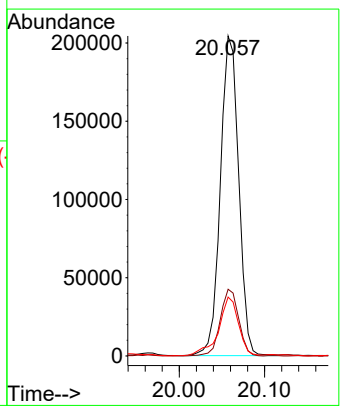


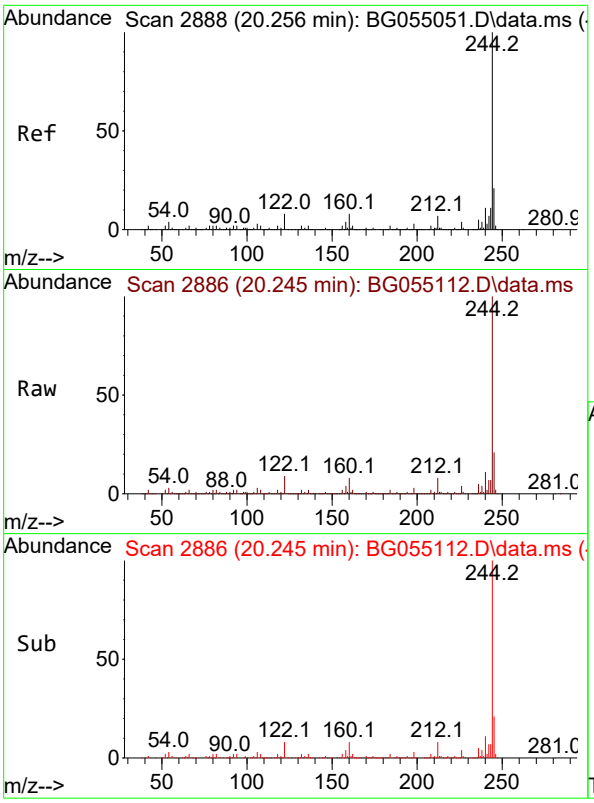


#78
Pyrene
Concen: 20.653 ng
RT: 20.057 min Scan# 2854
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:202 Resp: 304252

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.4	14.0	21.0



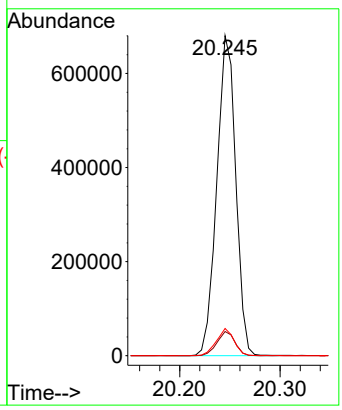


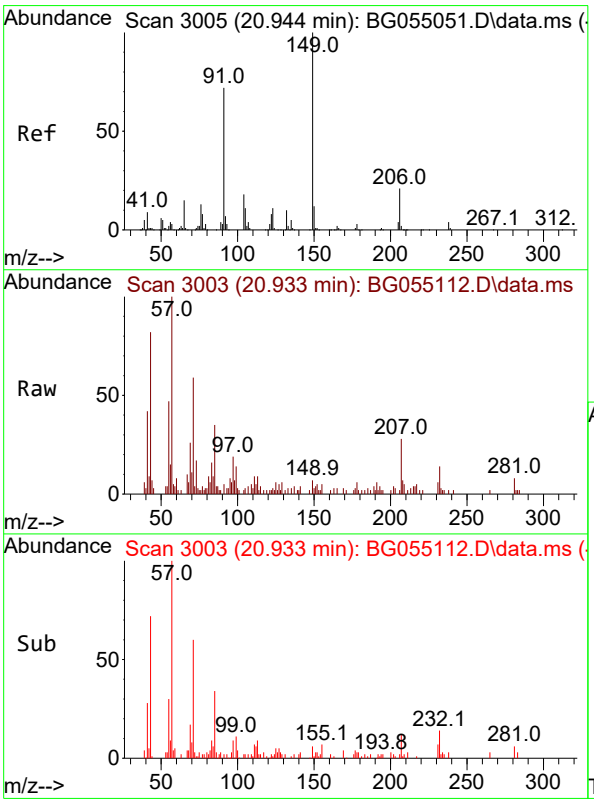
#79
Terphenyl-d14
Concen: 81.097 ng
RT: 20.245 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:244 Resp: 888913

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.5	6.6	10.0

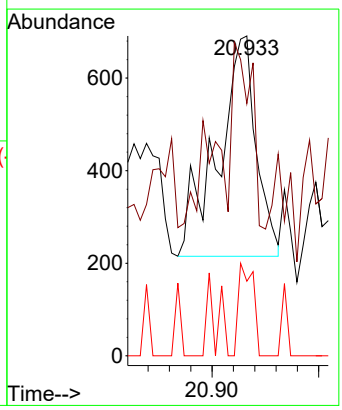


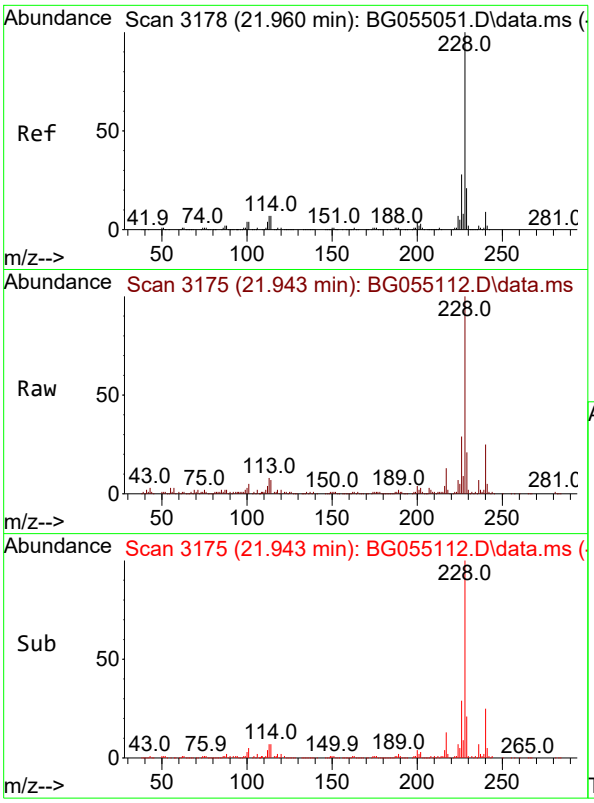


#80
Butylbenzylphthalate
Concen: 5.070 ng
RT: 20.933 min Scan# 3003
Delta R.T. -0.002 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:149 Resp: 1190

Ion	Ratio	Lower	Upper
149	100		
91	78.9	57.8	86.8
206	23.3	16.9	25.3



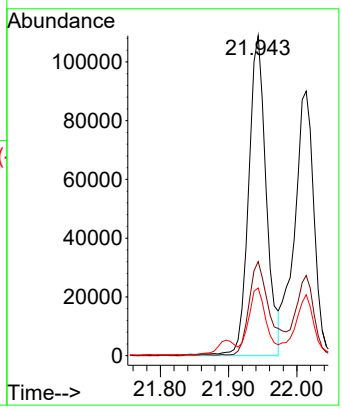


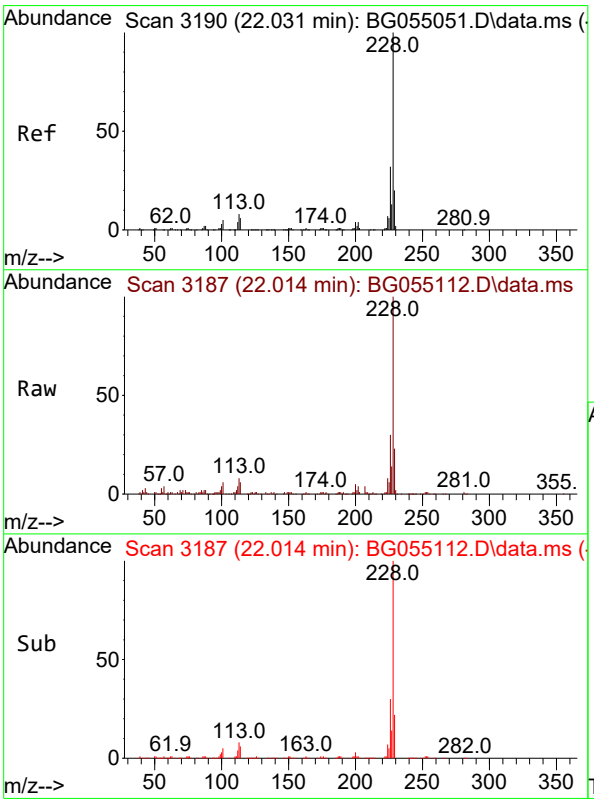
#81
Benzo(a)anthracene
Concen: 13.834 ng
RT: 21.943 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:228 Resp: 194696

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.4	33.6
229	21.2	16.7	25.1

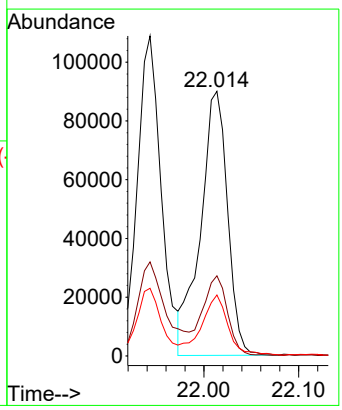


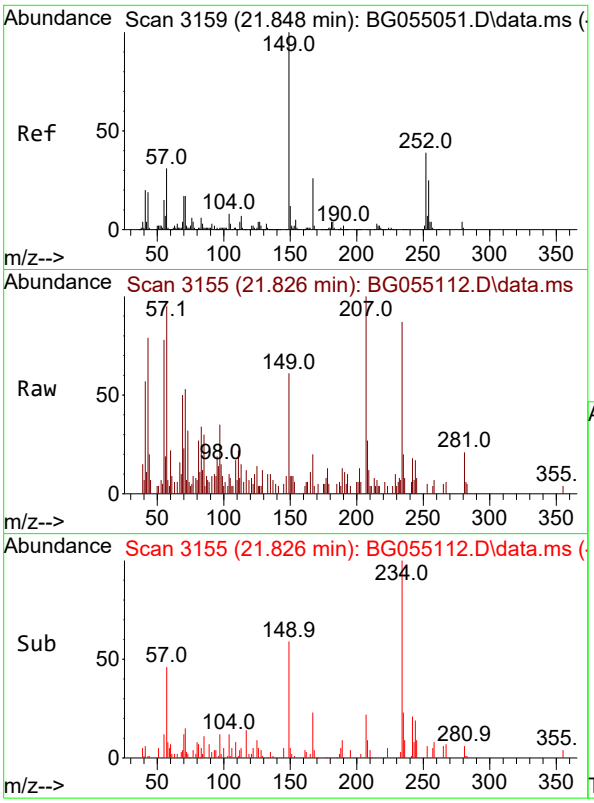


#83
Chrysene
Concen: 13.139 ng
RT: 22.014 min Scan# 3187
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:228 Resp: 178219

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	23.0	16.1	24.1



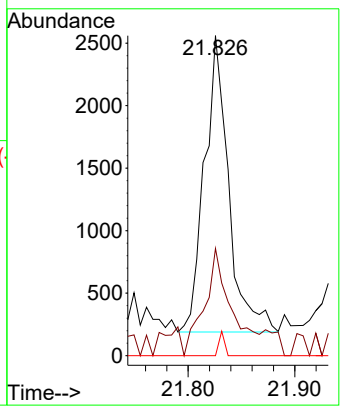


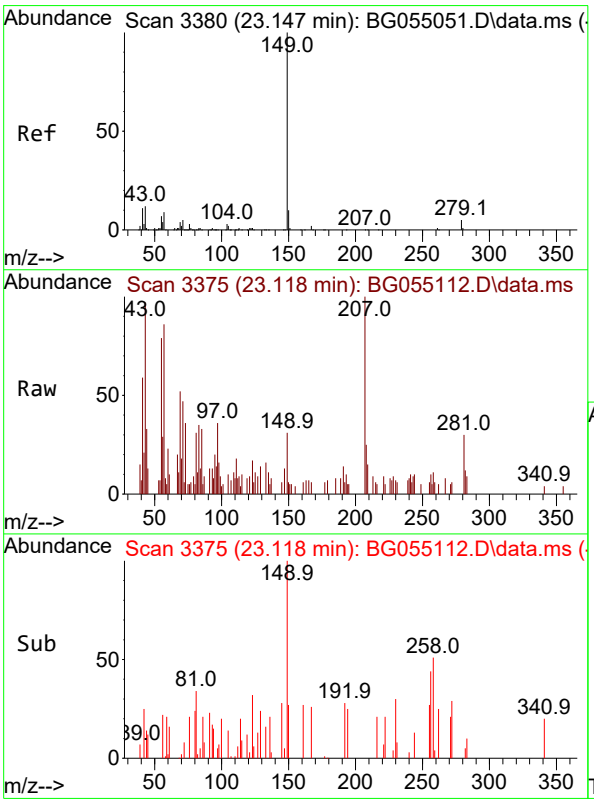
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.598 ng
RT: 21.826 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:149 Resp: 3750

Ion	Ratio	Lower	Upper
149	100		
167	33.5	21.0	31.4#
279	0.0	3.4	5.2#

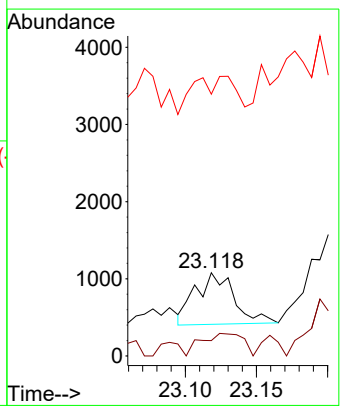


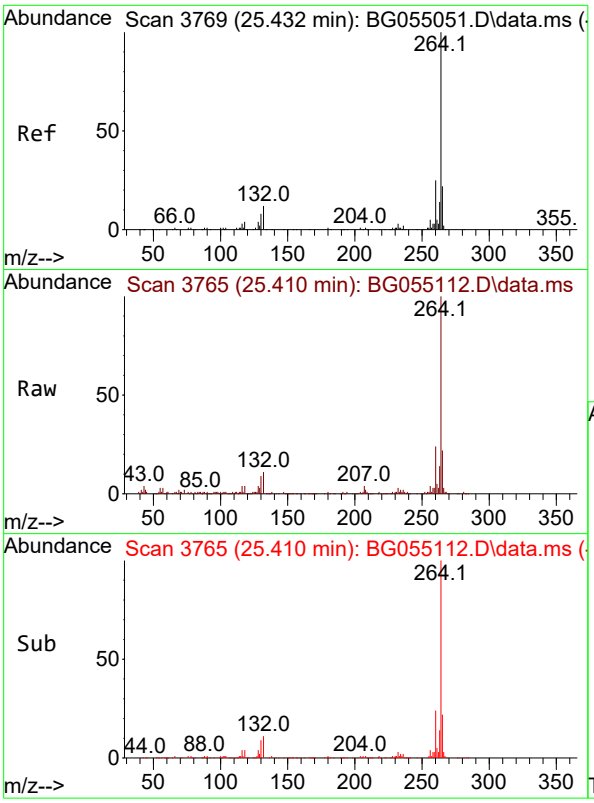


#85
Di-n-octyl phthalate
Concen: 4.440 ng
RT: 23.118 min Scan# 3375
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:149 Resp: 1259

Ion	Ratio	Lower	Upper
149	100		
167	47.3	1.3	1.9#
43	0.0	10.2	15.4#



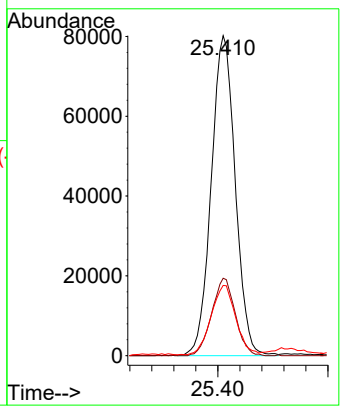


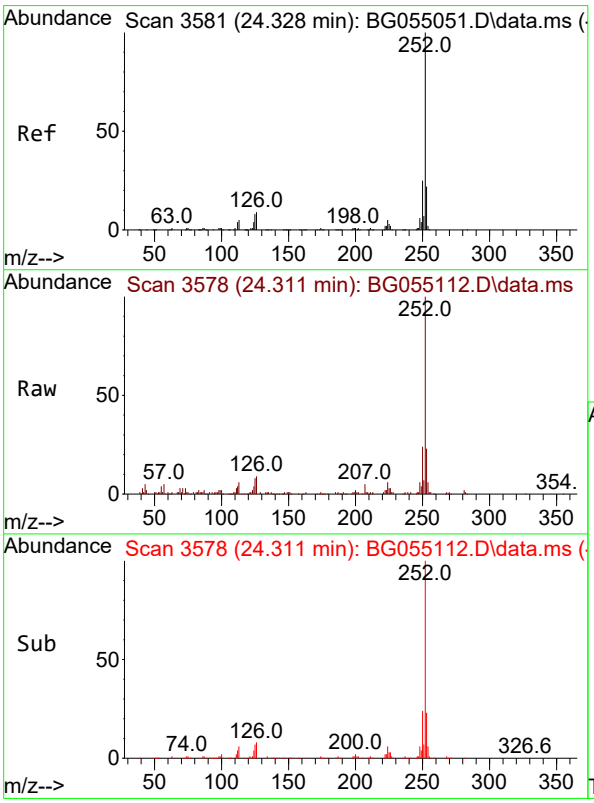
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.410 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:264 Resp: 243129

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.9	17.8	26.6

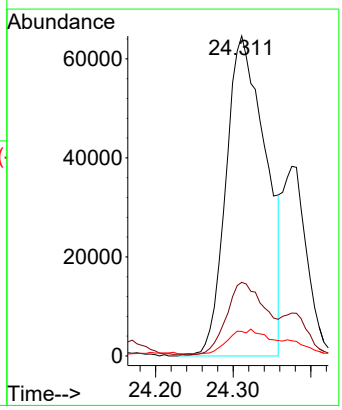


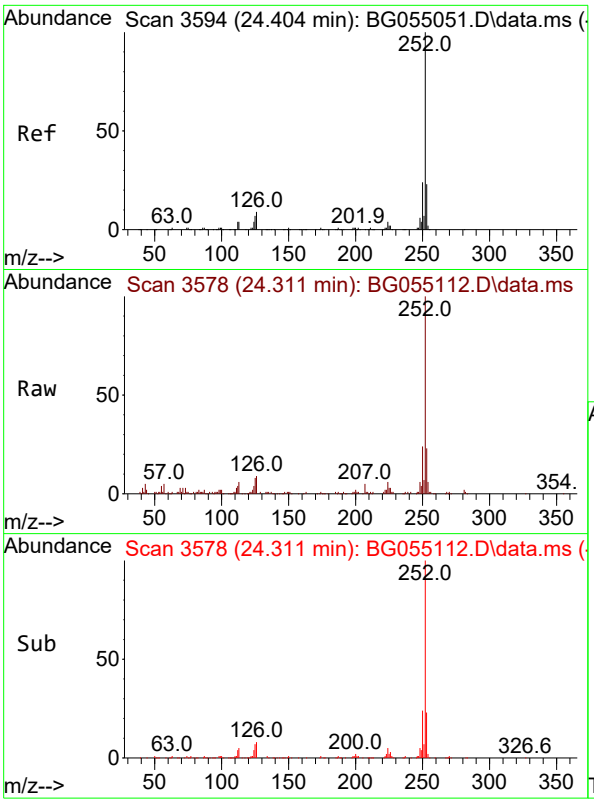


#88
Benzo(b)fluoranthene
Concen: 16.048 ng
RT: 24.311 min Scan# 3578
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:252 Resp: 229890

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	7.6	6.1	9.1



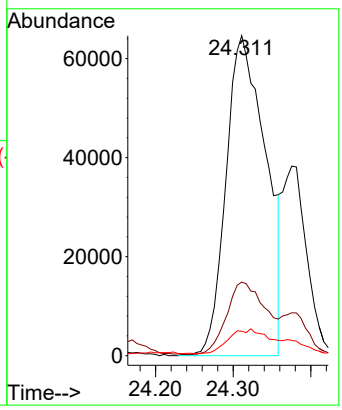


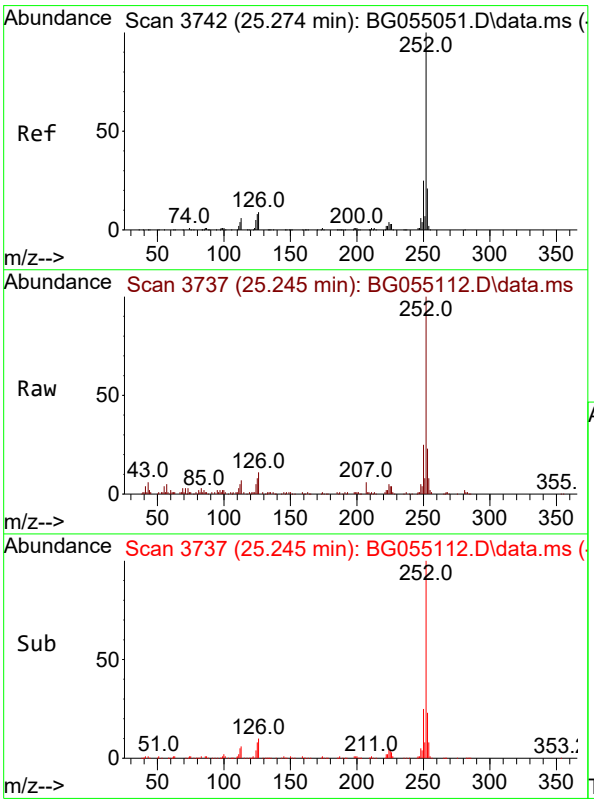
#89
Benzo(k)fluoranthene
Concen: 15.929 ng
RT: 24.311 min Scan# 3
Delta R.T. -0.079 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:252 Resp: 229890

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	7.6	5.8	8.6

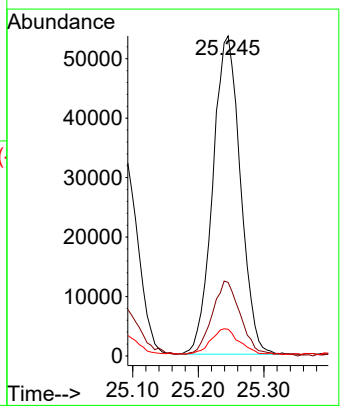


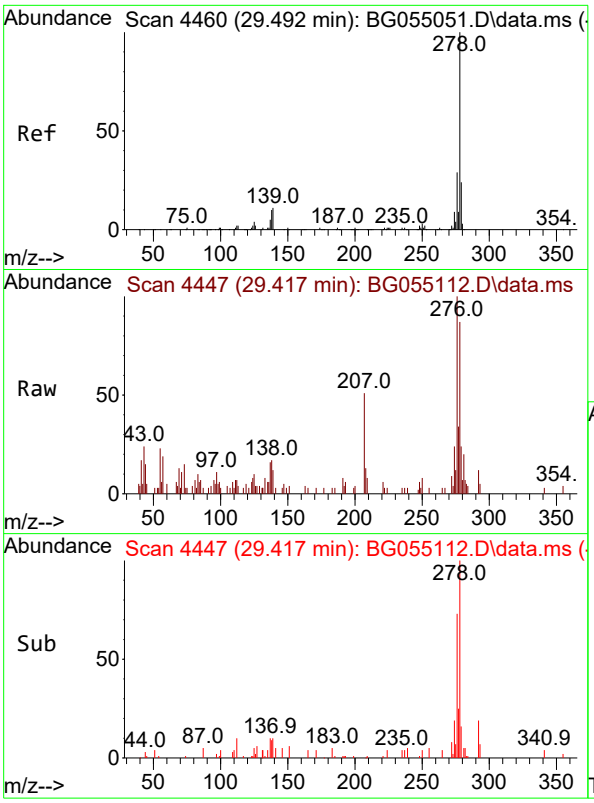


#90
Benzo(a)pyrene
Concen: 12.720 ng
RT: 25.245 min Scan# 3737
Delta R.T. -0.008 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:252 Resp: 156173

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.9	25.3
125	8.4	6.6	9.8



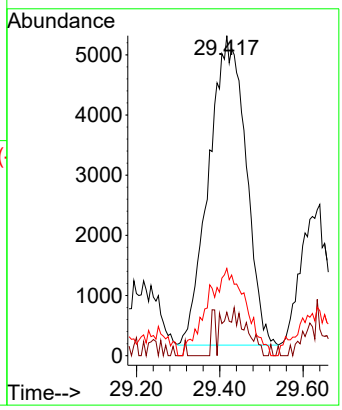


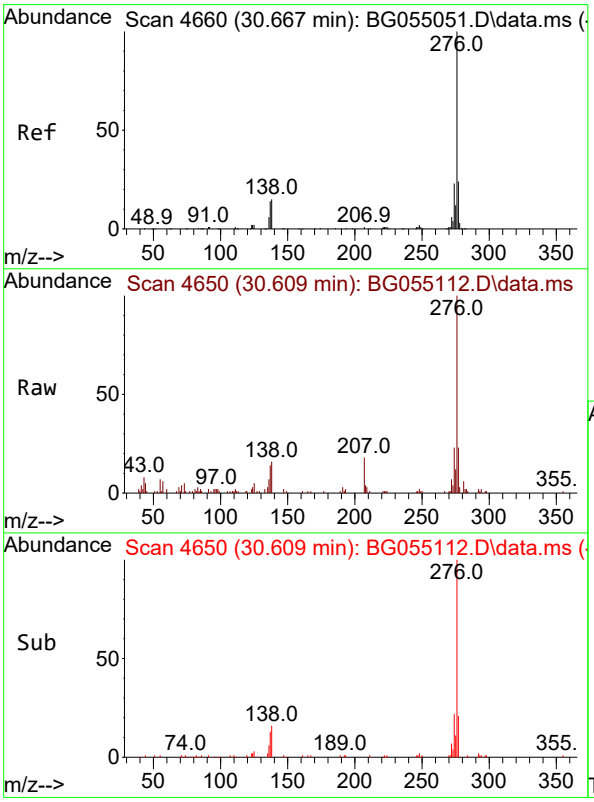
#91
Dibenzo(a,h)anthracene
Concen: 2.227 ng
RT: 29.417 min Scan# 4
Delta R.T. -0.049 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:278 Resp: 31736

Ion	Ratio	Lower	Upper
278	100		
139	13.6	8.5	12.7#
279	27.2	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 6.735 ng
RT: 30.609 min Scan# 4650
Delta R.T. -0.020 min
Lab File: BG055112.D
Acq: 10 Oct 2022 14:35

Tgt Ion:276 Resp: 96365

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	16.3	11.8	17.6