Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055118.D
Acq On : 10 Oct 2022 18:46
Operator : CG/JU
Sample : N5047-01DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Quant Time: Oct 11 04:05:37 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	8.332	152	45344	20.000	ng		0.00
21) Naphthalene-d8	11.159	136	187348	20.000	ng		-0.01
39) Acenaphthene-d10	14.936	164	125541	20.000	ng		0.00
64) Phenanthrene-d10	17.669	188	282788	20.000	ng		0.00
76) Chrysene-d12	21.963	240	274747	20.000	ng		0.00
86) Perylene-d12	25.418	264	296337	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.847	112	109537	53.656	ng		0.00
7) Phenol-d6	7.457	99	145125	47.445	ng		0.00
23) Nitrobenzene-d5	9.496	82	88493	28.225	ng		-0.01
42) 2,4,6-Tribromophenol	16.411	330	70545	57.752	ng		0.00
45) 2-Fluorobiphenyl	13.562	172	194836	24.228	ng		-0.01
79) Terphenyl-d14	20.242	244	309256	22.751	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.496	70	11998	4.049	ng	#	77
48) 2-Nitroaniline	13.562	65	251	4.199	ng	#	17
51) 2,6-Dinitrotoluene	14.936	165	16579	12.309	ng	#	15
52) Acenaphthene	14.995	154	14821	2.078	ng		93
53) 3-Nitroaniline	15.318	138	226	3.038	ng	#	1
56) 4-Nitrophenol	15.324	139	6500	8.820	ng	#	1
57) 2,4-Dinitrotoluene	14.936	165	16579	10.040	ng	#	17
58) Fluorene	15.970	166	25360	2.785	ng		94
71) Phenanthrene	17.710	178	271774	18.296	ng		99
72) Anthracene	17.804	178	77718	5.379	ng		99
75) Fluoranthene	19.701	202	573932	30.971	ng		99
78) Pyrene	20.060	202	546451	29.911	ng		99
80) Butylbenzylphthalate	20.882	149	138	4.860	ng	#	61
81) Benzo(a)anthracene	21.940	228	270500	15.498	ng		99
83) Chrysene	22.010	228	228809	13.602	ng		97
84) Bis(2-ethylhexyl)phtha...	21.828	149	1528	4.264	ng	#	76
85) Di-n-octyl phthalate	23.139	149	687	4.384	ng	#	41
87) Indeno(1,2,3-cd)pyrene	29.372	276	179412	8.389	ng	#	96
88) Benzo(b)fluoranthene	24.314	252	332640	19.051	ng		100
89) Benzo(k)fluoranthene	24.314	252	332640	18.911	ng		99
90) Benzo(a)pyrene	25.248	252	257989	17.240	ng		99
91) Dibenzo(a,h)anthracene	29.443	278	48582	2.797	ng	#	91
92) Benzo(g,h,i)perylene	30.624	276	174009	9.978	ng		98

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

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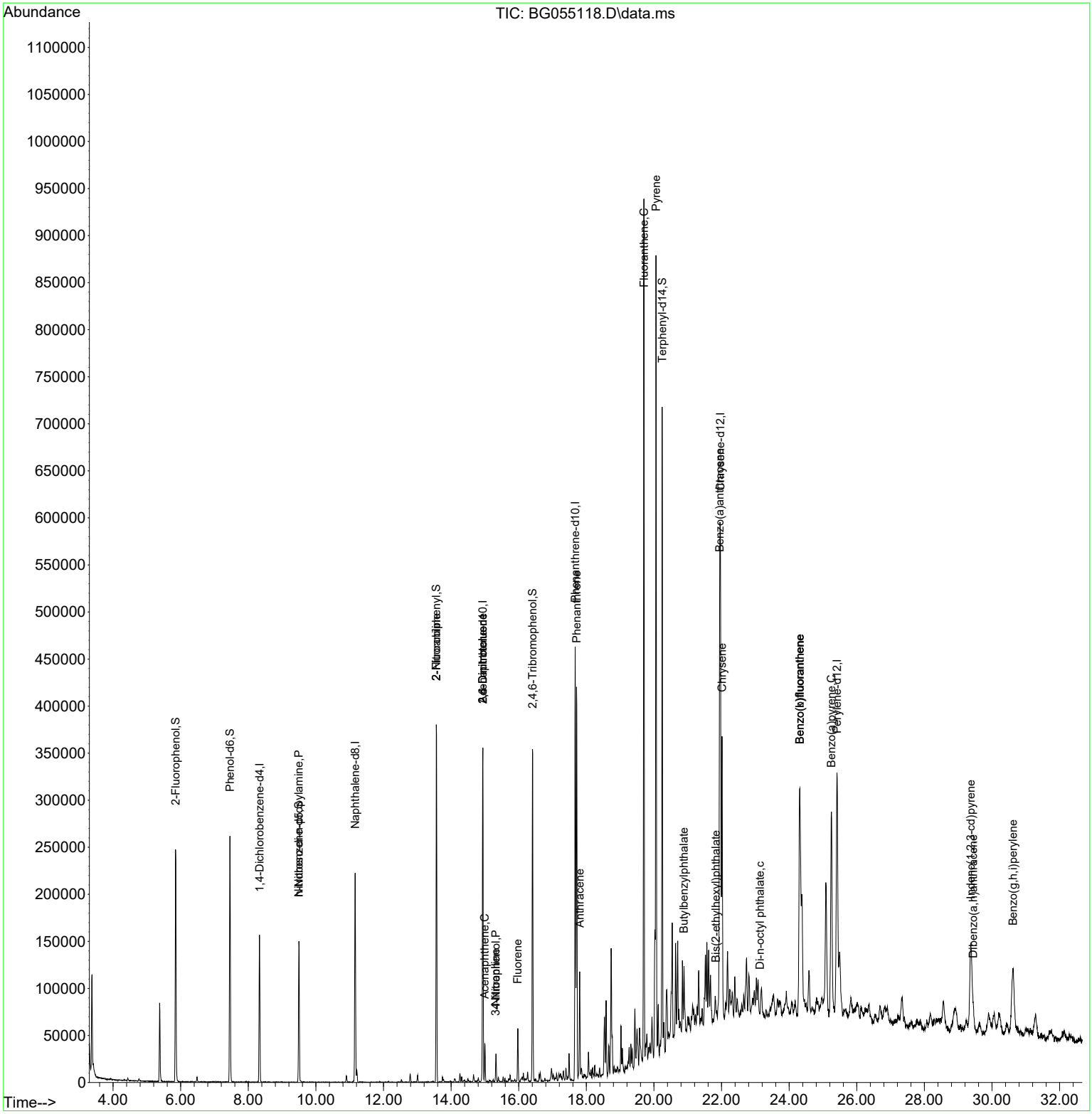
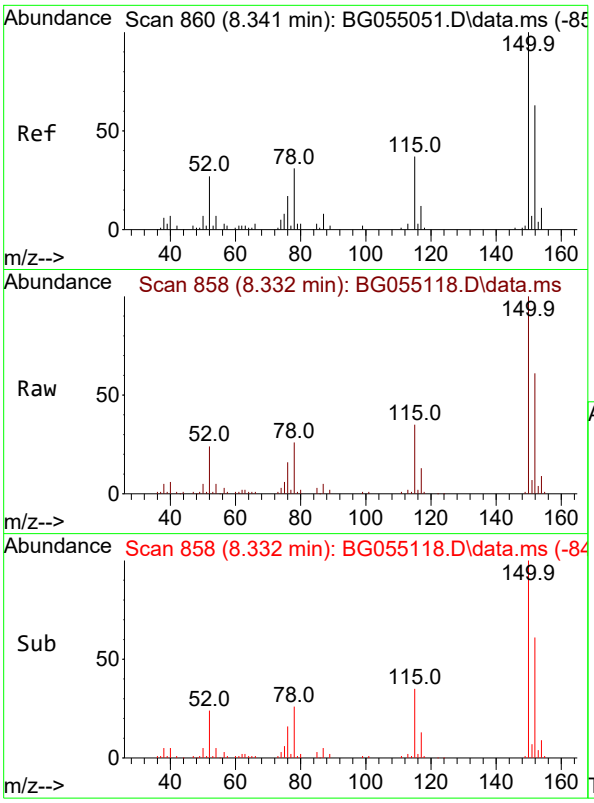
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration



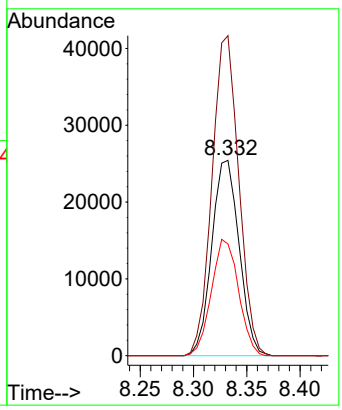


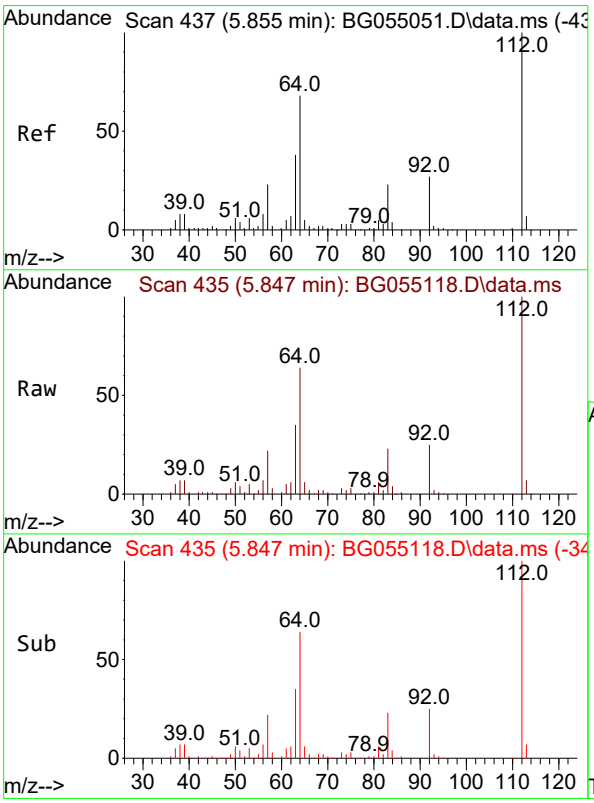
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.332 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:152 Resp: 45344

Ion	Ratio	Lower	Upper
152	100		
150	163.8	128.0	192.0
115	57.2	47.7	71.5

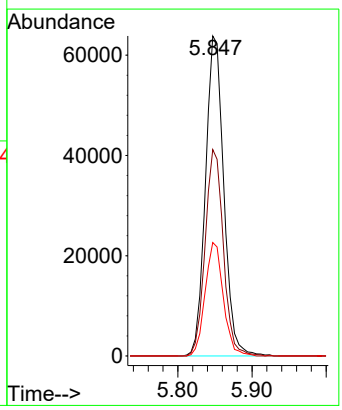


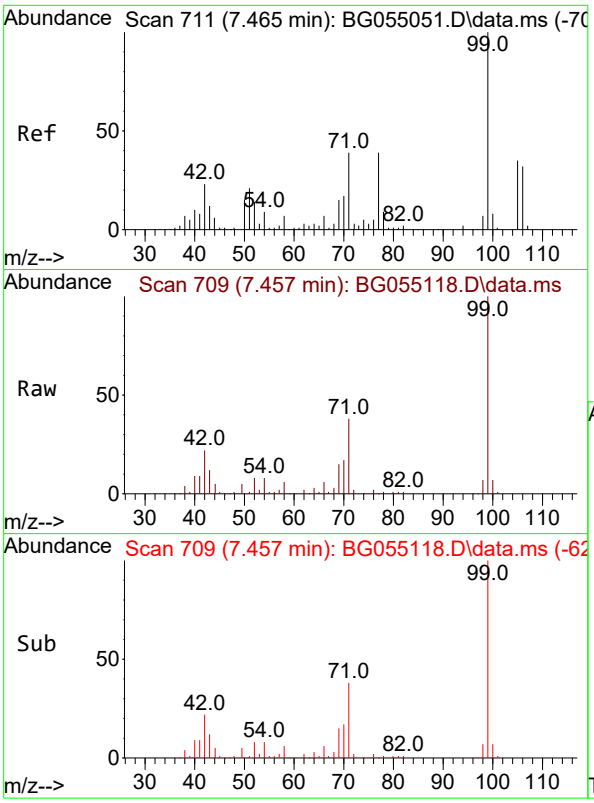


#5
2-Fluorophenol
Concen: 53.656 ng
RT: 5.847 min Scan# 435
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:112 Resp: 109537

Ion	Ratio	Lower	Upper
112	100		
64	64.5	54.5	81.7
63	35.5	30.5	45.7



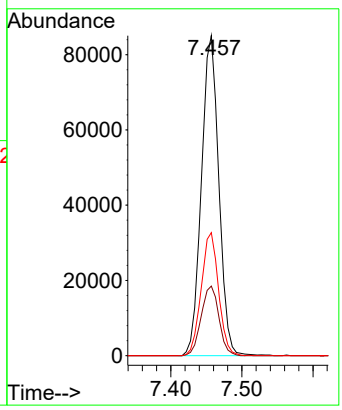


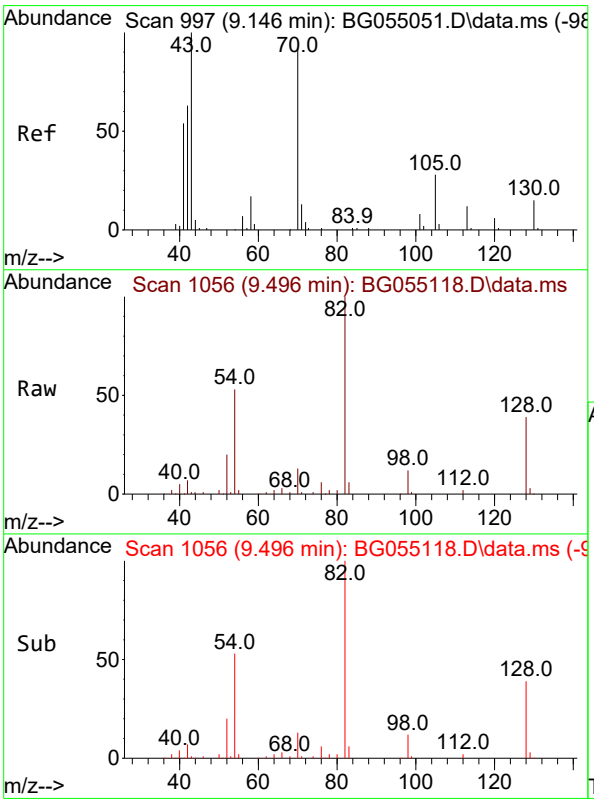
#7
Phenol-d6
Concen: 47.445 ng
RT: 7.457 min Scan# 7(
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion: 99 Resp: 145125

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.6	28.0
71	38.5	31.2	46.8

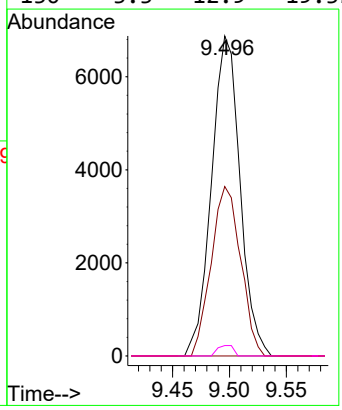


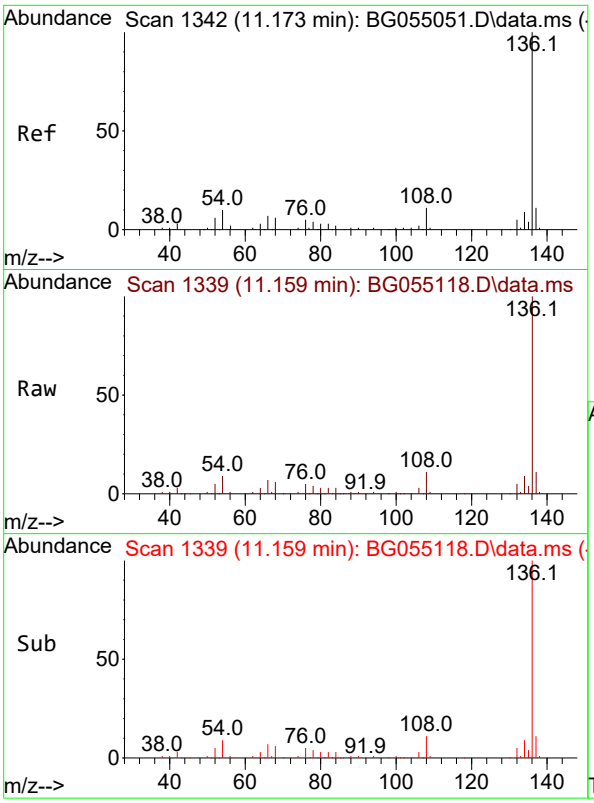


#19
n-Nitroso-di-n-propylamine
Concen: 4.049 ng
RT: 9.496 min Scan# 1056
Delta R.T. 0.359 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion: 70 Resp: 11998

Ion	Ratio	Lower	Upper
70	100		
42	52.9	55.8	83.6#
101	0.0	7.1	10.7#
130	3.3	12.9	19.3#



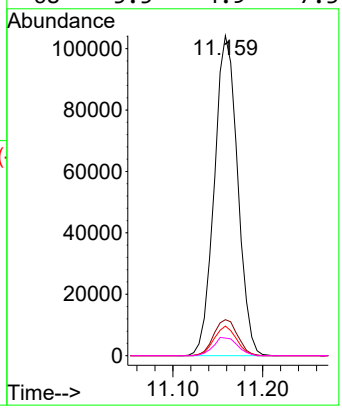


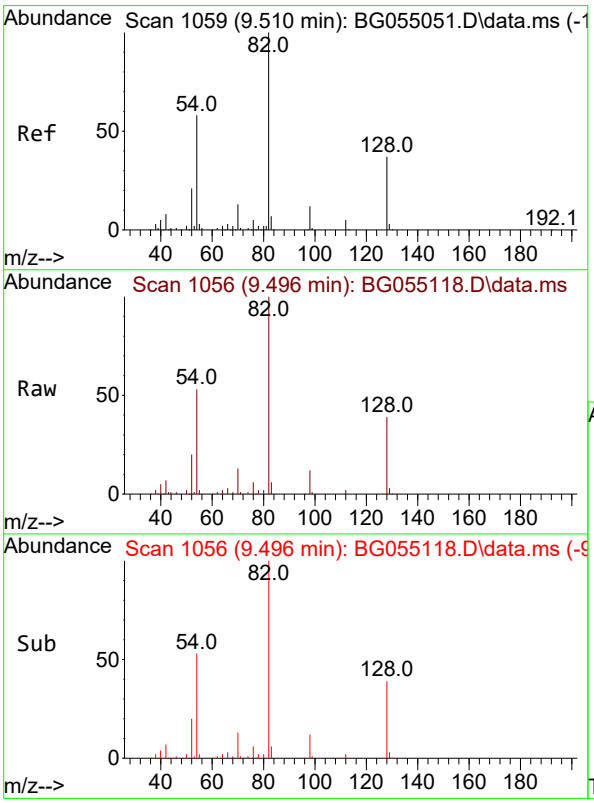
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.159 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:136 Resp: 187348

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.2	8.2	12.4
68	5.5	4.9	7.3

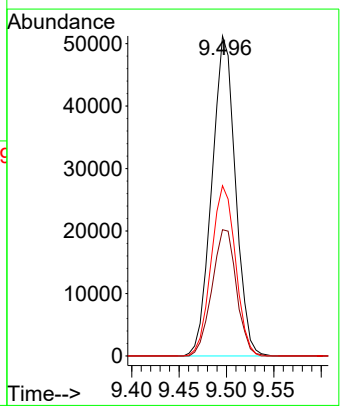


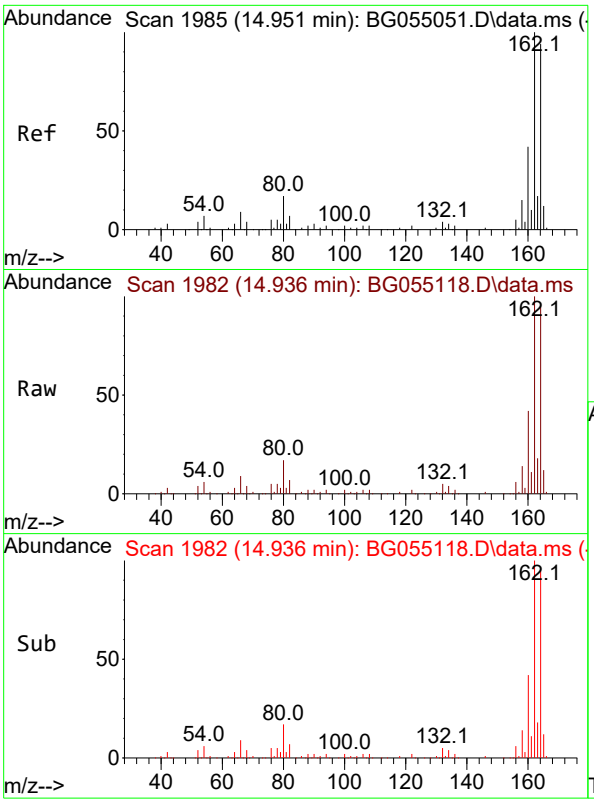


#23
Nitrobenzene-d5
Concen: 28.225 ng
RT: 9.496 min Scan# 1056
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion: 82 Resp: 88493

Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.5	44.3
54	53.2	46.7	70.1



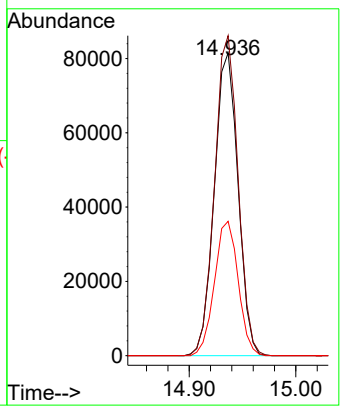


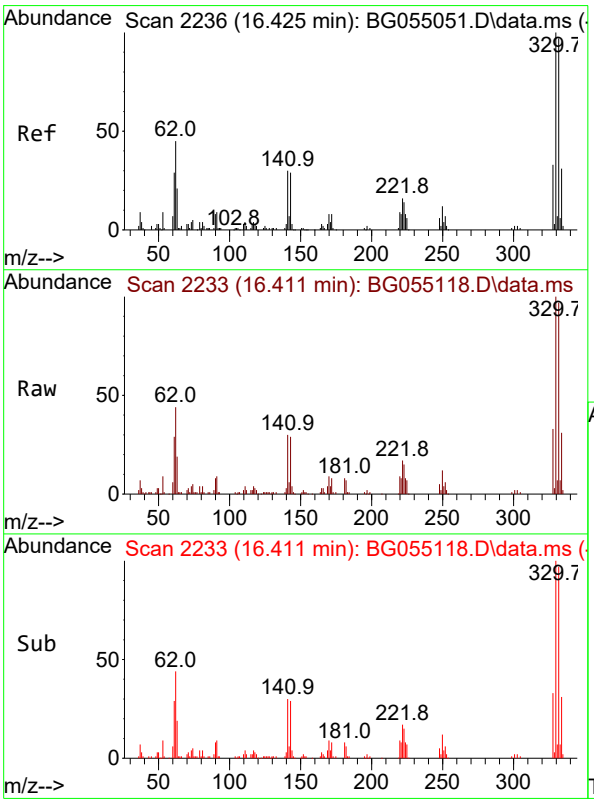
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.936 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:164 Resp: 125541

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.5	128.3
160	44.4	35.5	53.3

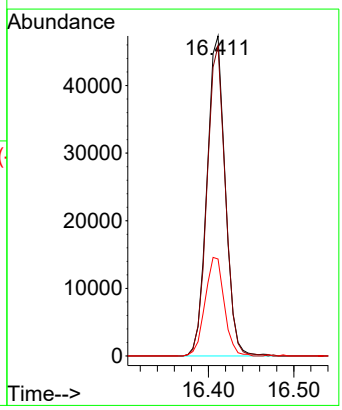


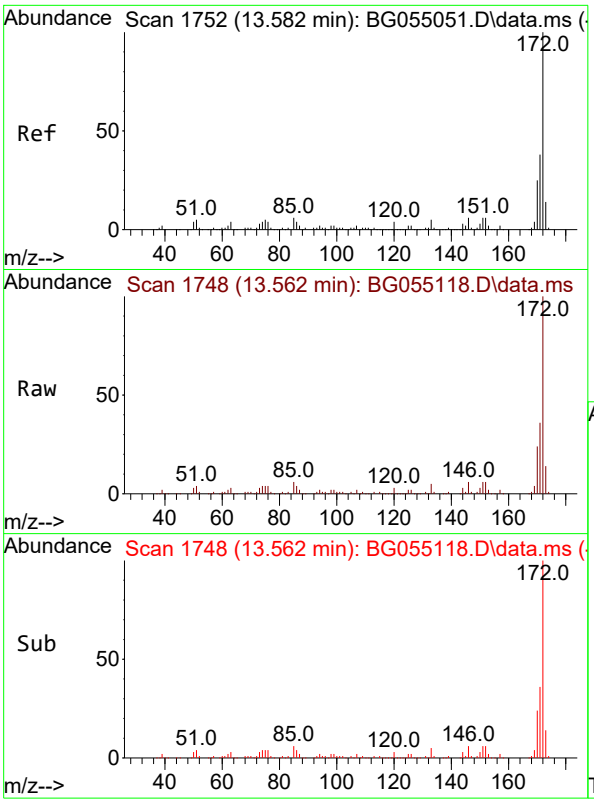


#42
2,4,6-Tribromophenol
Concen: 57.752 ng
RT: 16.411 min Scan# 2233
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:330 Resp: 70545

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	32.3	25.0	37.4



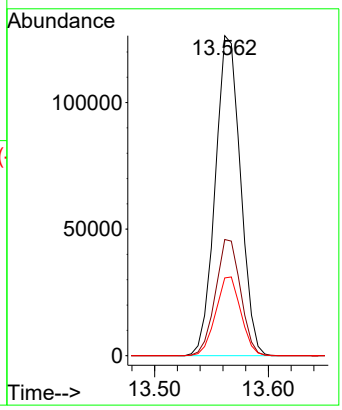


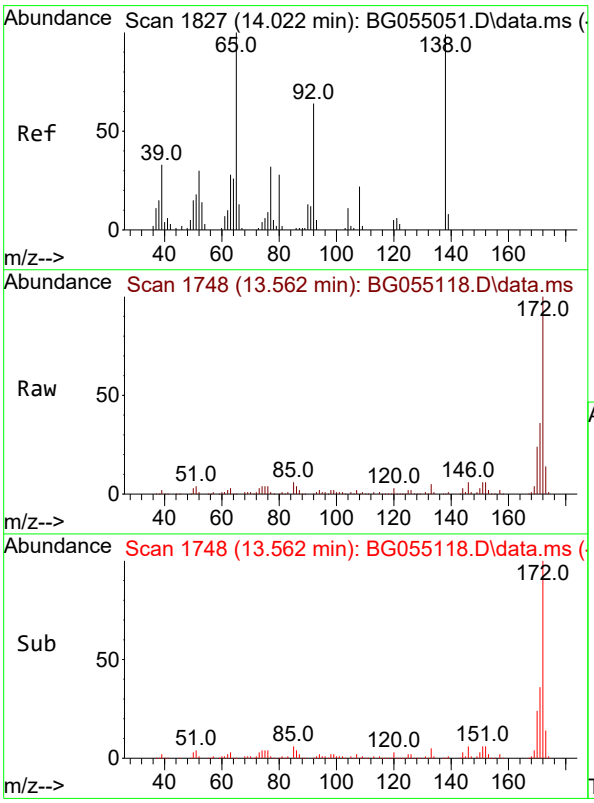
#45
2-Fluorobiphenyl
Concen: 24.228 ng
RT: 13.562 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:172 Resp: 194836

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.1	45.1
170	24.3	20.0	30.0

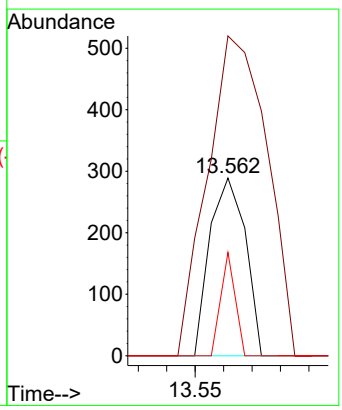


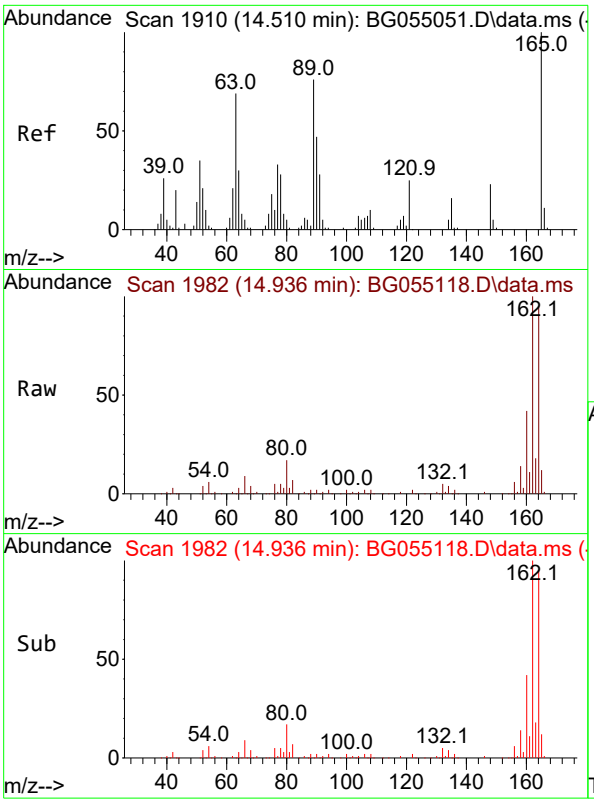


#48
2-Nitroaniline
Concen: 4.199 ng
RT: 13.562 min Scan# 1748
Delta R.T. -0.458 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion: 65 Resp: 251

Ion	Ratio	Lower	Upper
65	100		
92	179.9	50.9	76.3#
138	58.1	79.5	119.3#



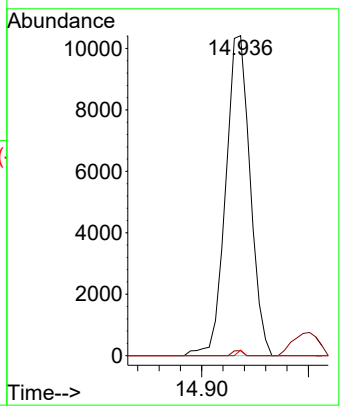


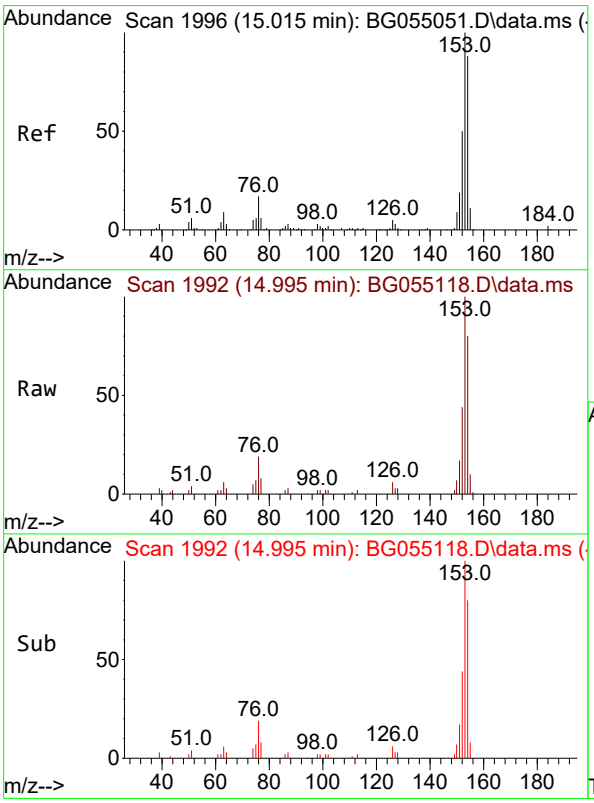
#51
2,6-Dinitrotoluene
Concen: 12.309 ng
RT: 14.936 min Scan# 1
Delta R.T. 0.429 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:165 Resp: 16579

Ion	Ratio	Lower	Upper
165	100		
63	1.5	56.2	84.4#
89	1.7	60.4	90.6#

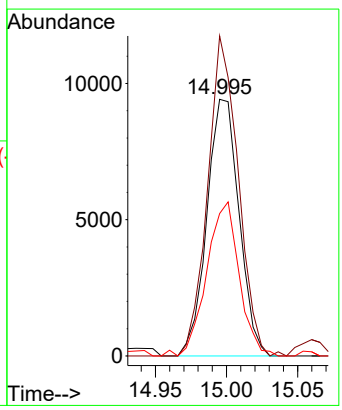


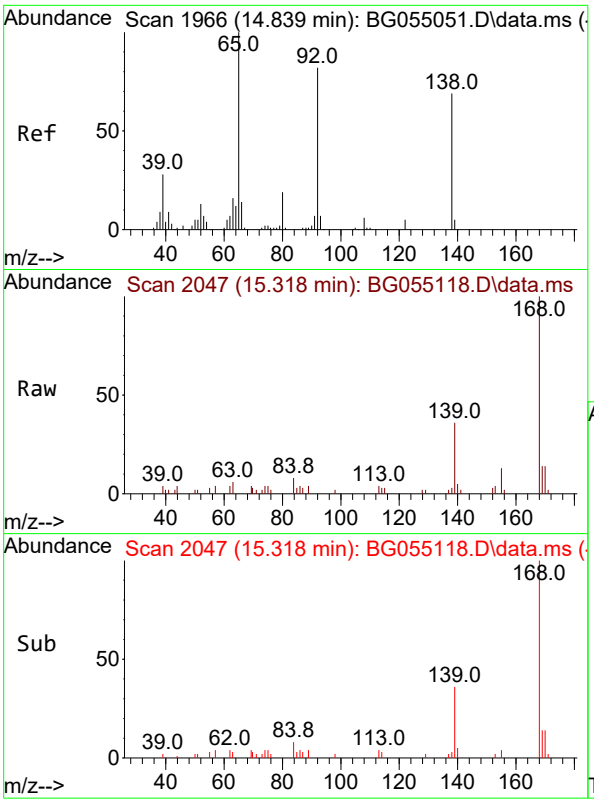


#52
Acenaphthene
Concen: 2.078 ng
RT: 14.995 min Scan# 1992
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:154 Resp: 14821

Ion	Ratio	Lower	Upper
154	100		
153	124.6	91.4	137.0
152	55.5	45.3	67.9



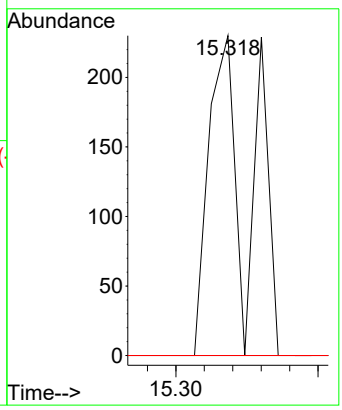


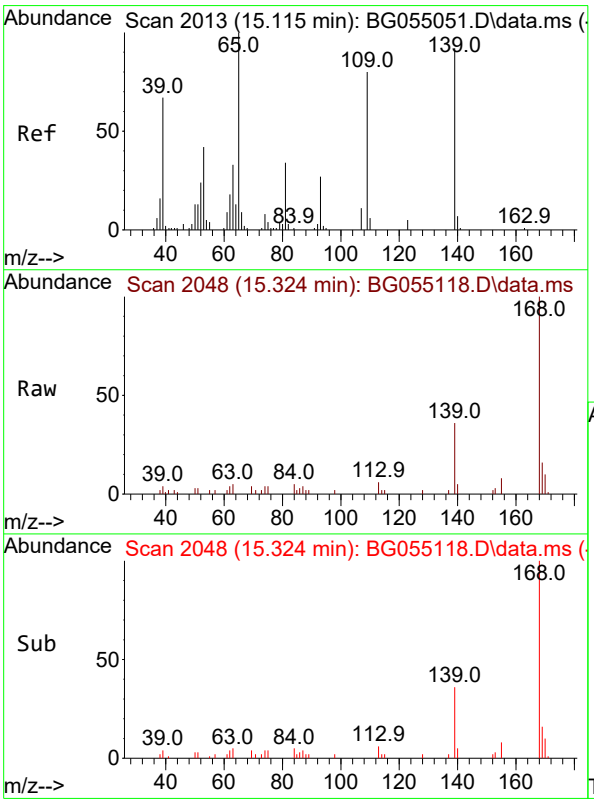
#53
3-Nitroaniline
Concen: 3.038 ng
RT: 15.318 min Scan# 2
Delta R.T. 0.482 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:138 Resp: 226

Ion	Ratio	Lower	Upper
138	100		
108	0.0	6.9	10.3#
92	0.0	94.2	141.4#

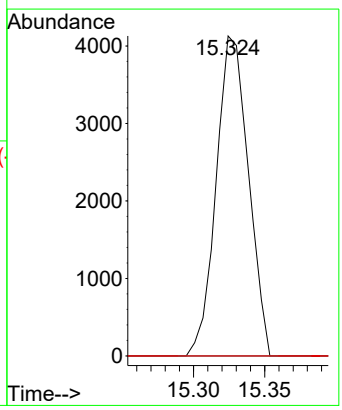


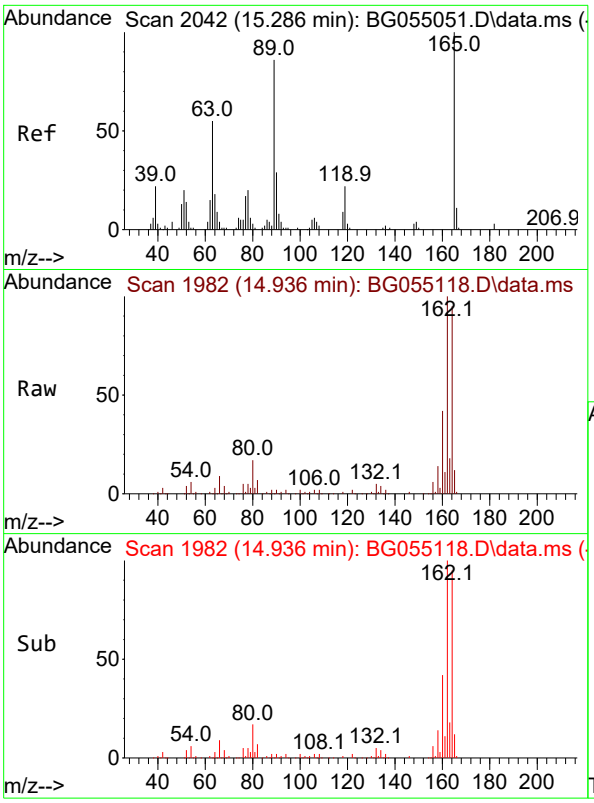


#56
4-Nitrophenol
Concen: 8.820 ng
RT: 15.324 min Scan# 2048
Delta R.T. 0.212 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:139 Resp: 6500

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



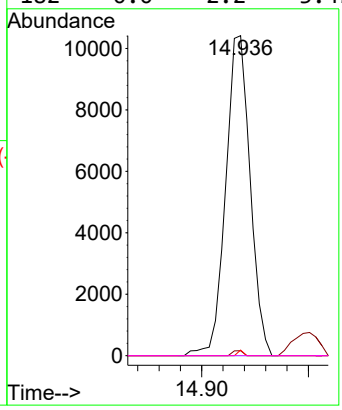


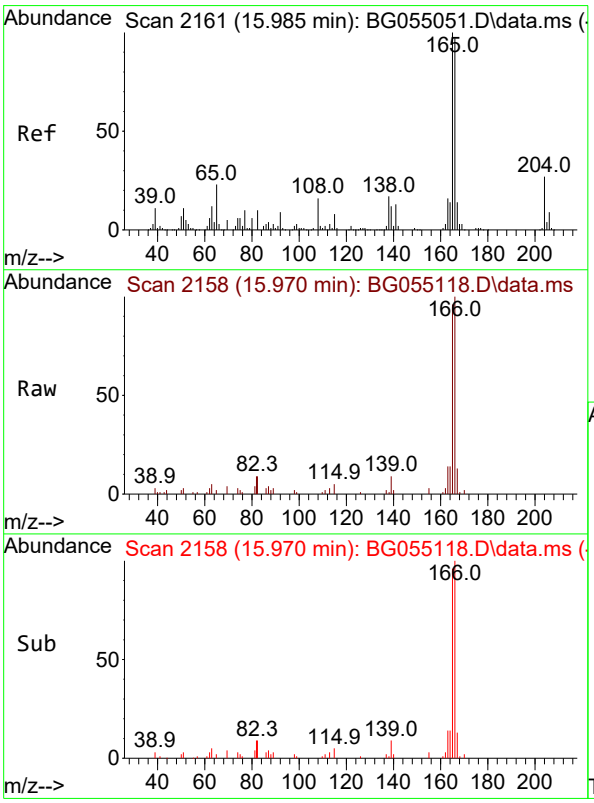
#57
2,4-Dinitrotoluene
Concen: 10.040 ng
RT: 14.936 min Scan# 1
Delta R.T. -0.346 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:165 Resp: 16579

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.2	66.2#
89	1.7	69.0	103.6#
182	0.0	2.2	3.4#

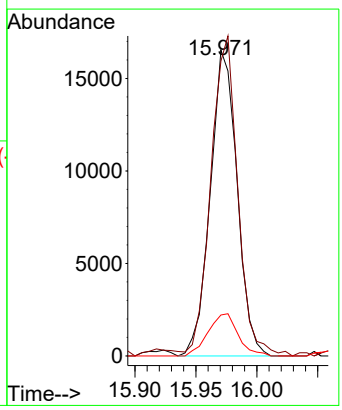


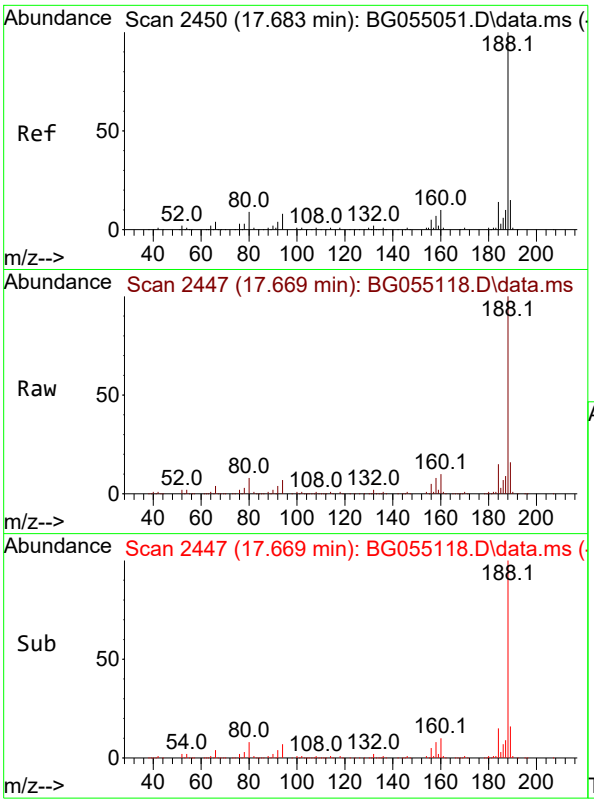


#58
Fluorene
Concen: 2.785 ng
RT: 15.970 min Scan# 2158
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:166 Resp: 25360

Ion	Ratio	Lower	Upper
166	100		
165	96.4	82.6	123.8
167	13.4	11.8	17.8



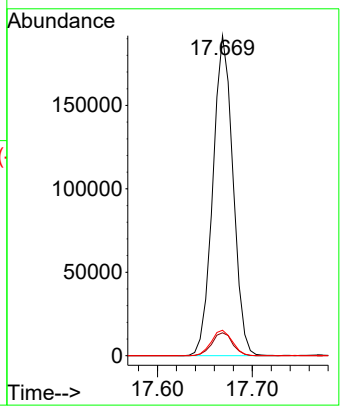


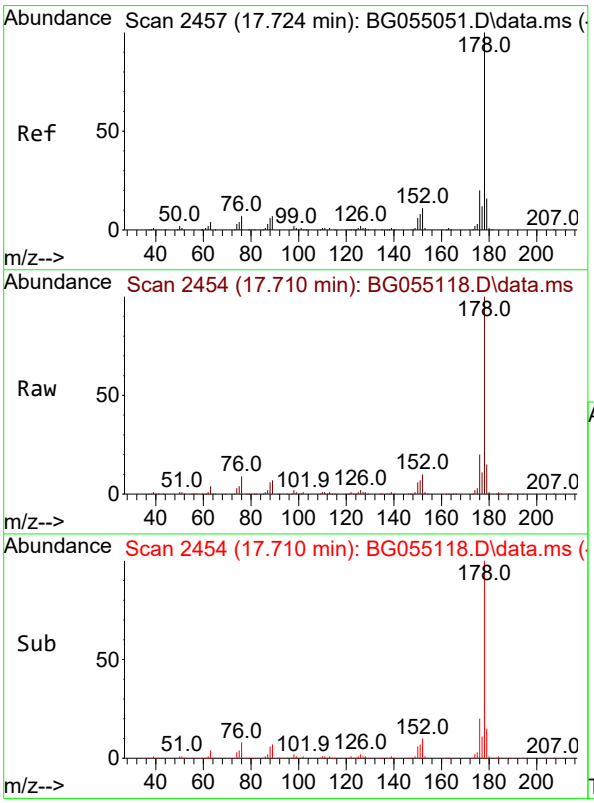
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.669 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:188 Resp: 282788

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.2
80	8.0	7.2	10.8

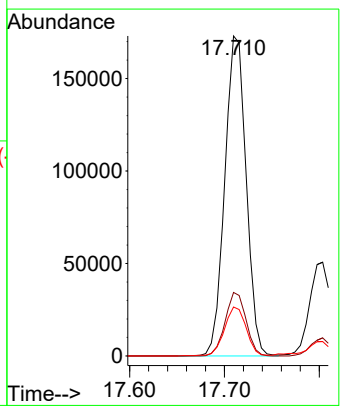


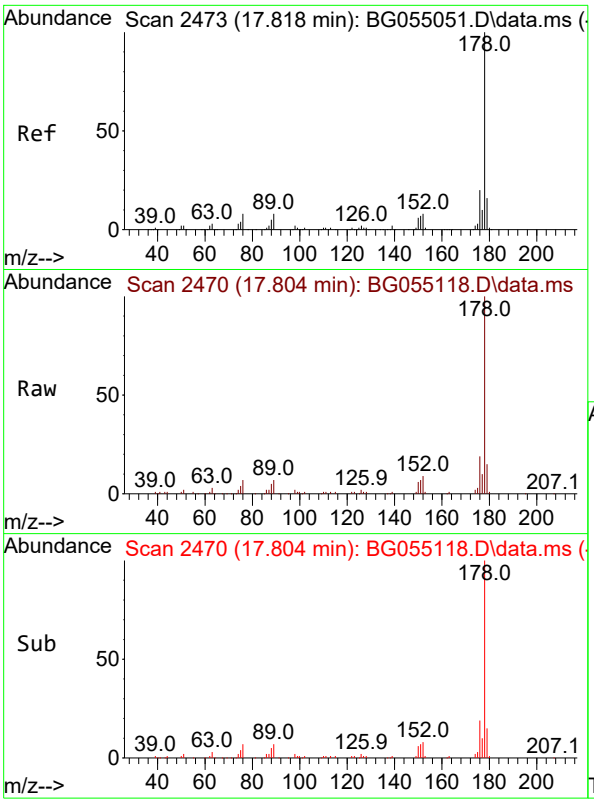


#71
Phenanthrene
Concen: 18.296 ng
RT: 17.710 min Scan# 2454
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:178 Resp: 271774

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.3	13.2	19.8



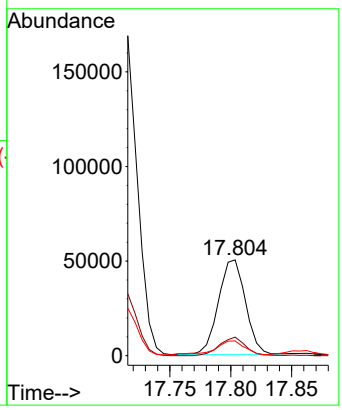


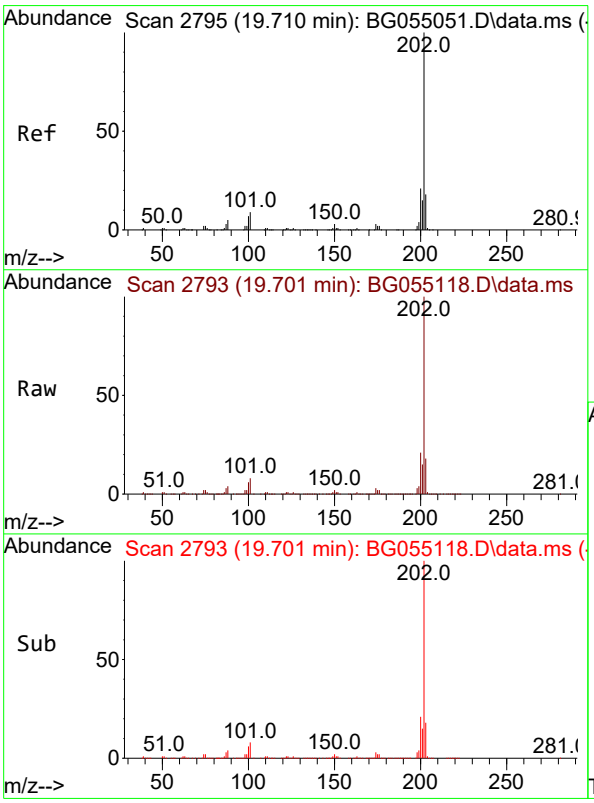
#72
Anthracene
Concen: 5.379 ng
RT: 17.804 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:178 Resp: 77718

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.3	12.5	18.7

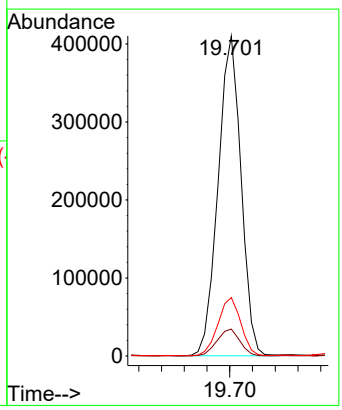


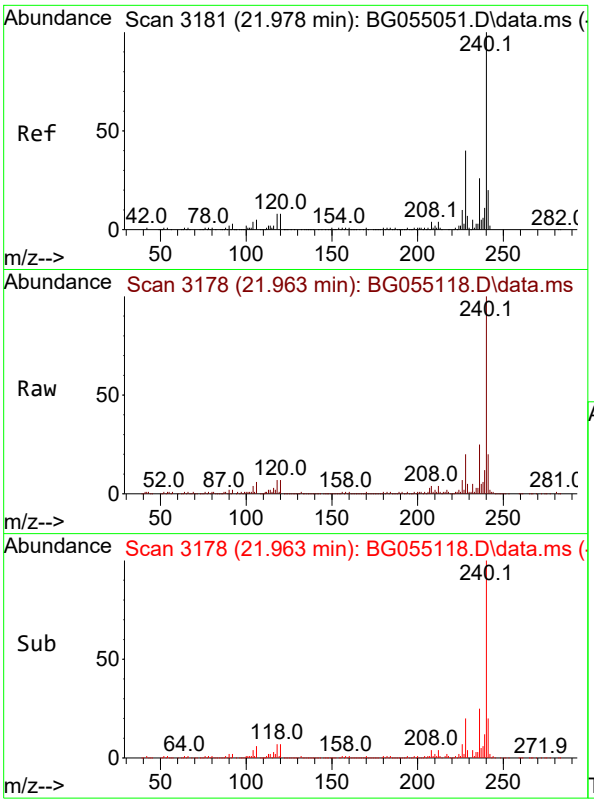


#75
Fluoranthene
Concen: 30.971 ng
RT: 19.701 min Scan# 2793
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:202 Resp: 573932

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.9
203	18.3	0.0	37.7



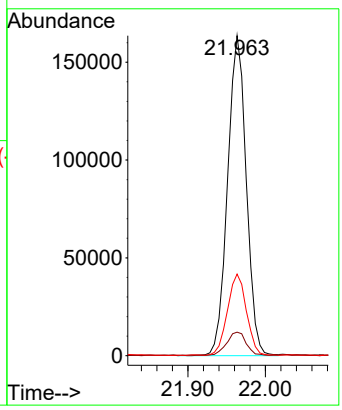


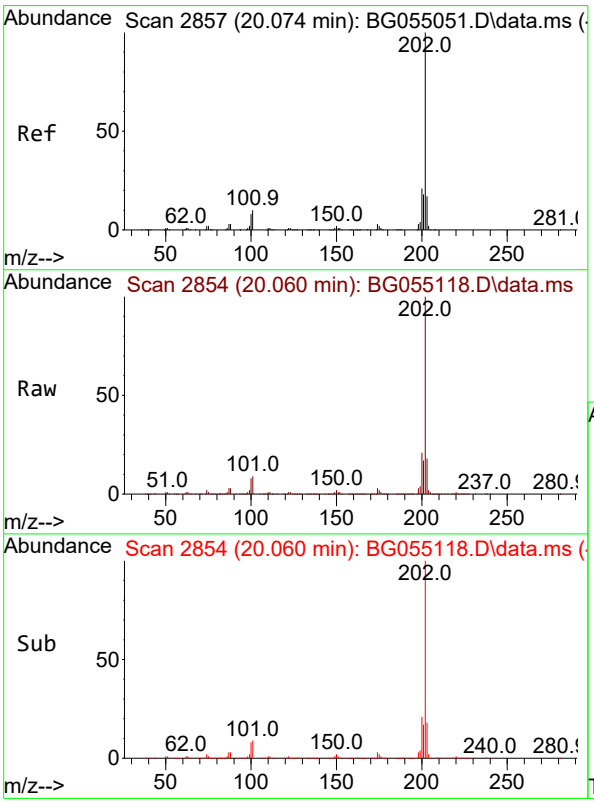
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.963 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:240 Resp: 274747

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.2	9.4
236	25.5	20.6	30.8

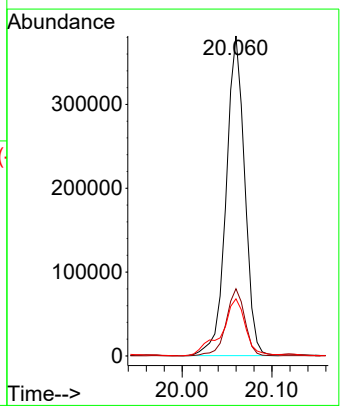


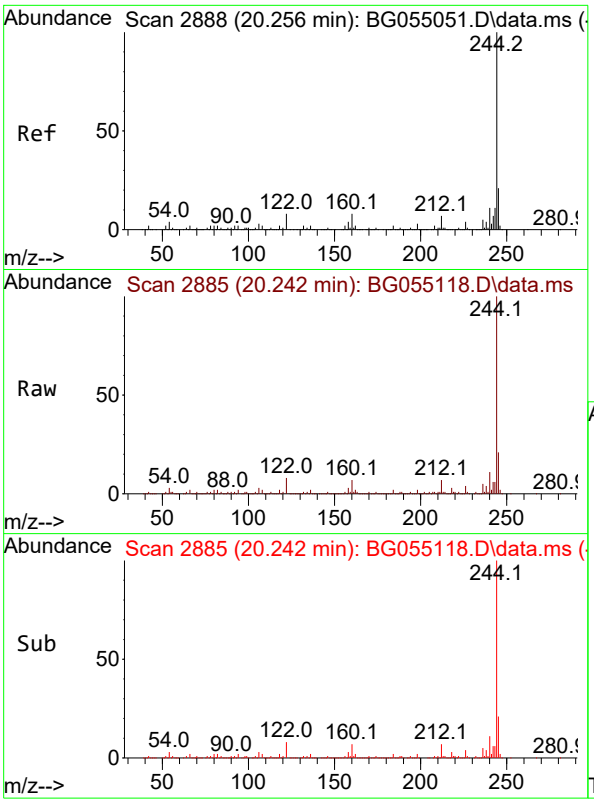


#78
Pyrene
Concen: 29.911 ng
RT: 20.060 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:202 Resp: 546451

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.8	14.0	21.0



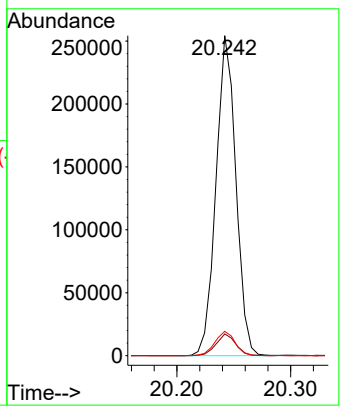


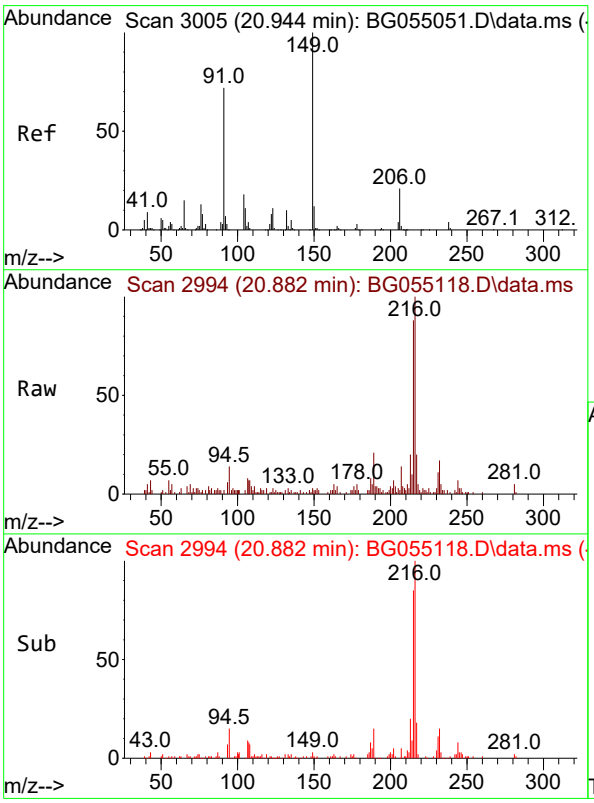
#79
Terphenyl-d14
Concen: 22.751 ng
RT: 20.242 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:244 Resp: 309256

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	7.6	6.6	10.0

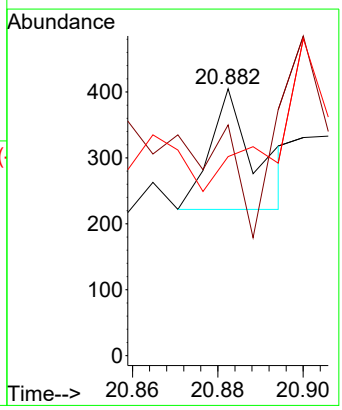


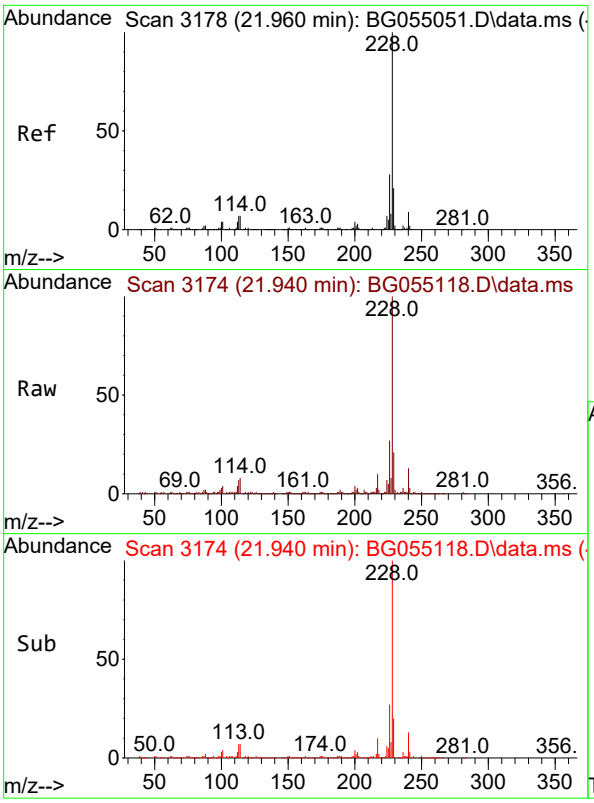


#80
Butylbenzylphthalate
Concen: 4.860 ng
RT: 20.882 min Scan# 2994
Delta R.T. -0.052 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:149 Resp: 138

Ion	Ratio	Lower	Upper
149	100		
91	86.4	57.8	86.8
206	74.6	16.9	25.3#



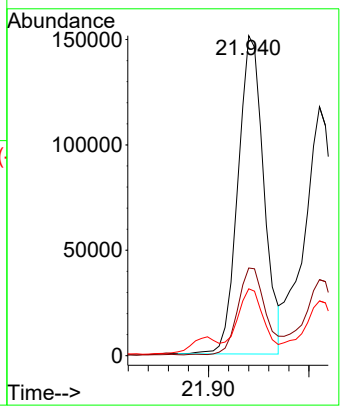


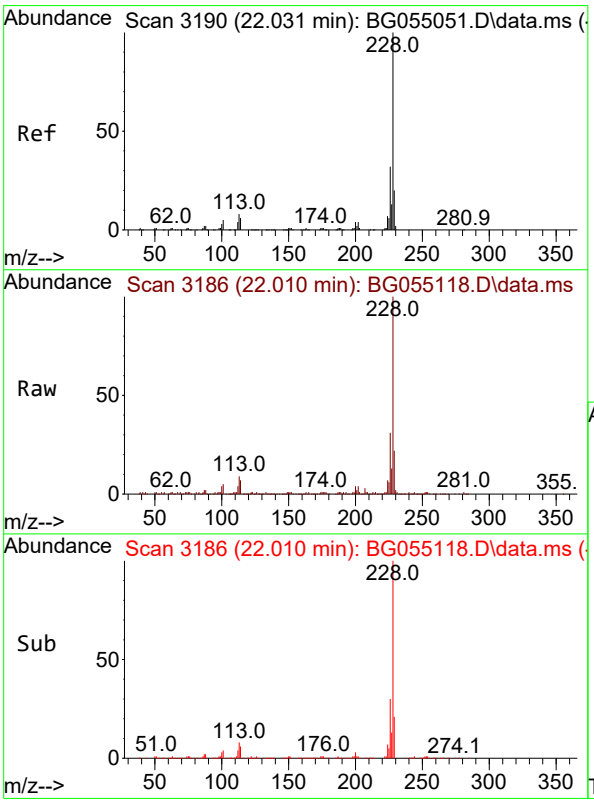
#81
Benzo(a)anthracene
Concen: 15.498 ng
RT: 21.940 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:228 Resp: 270500

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	20.9	16.7	25.1

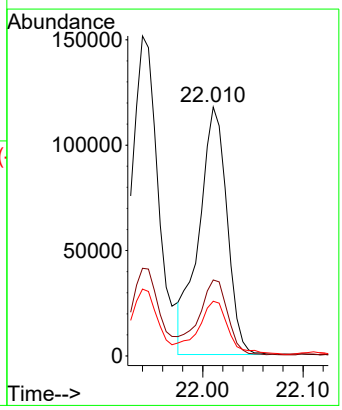


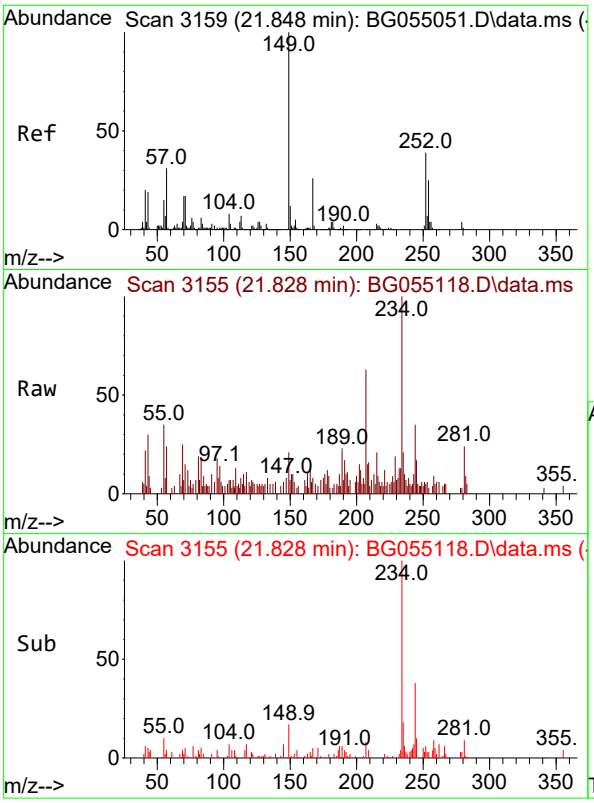


#83
Chrysene
Concen: 13.602 ng
RT: 22.010 min Scan# 3186
Delta R.T. -0.011 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:228 Resp: 228809

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	22.0	16.1	24.1



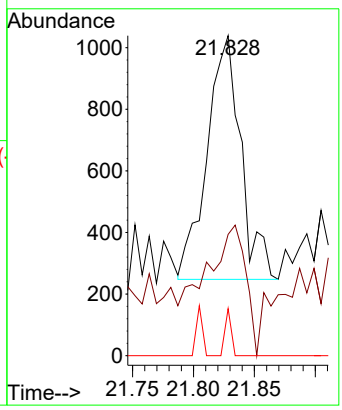


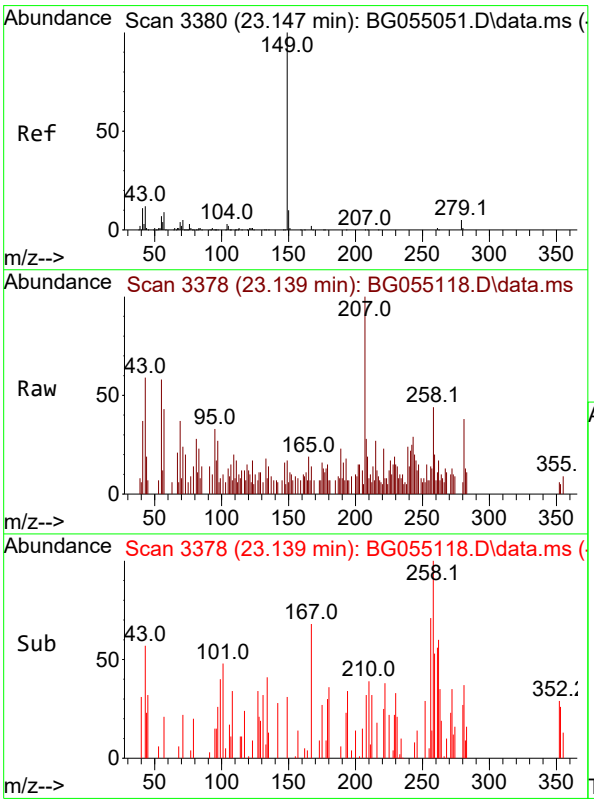
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.264 ng
RT: 21.828 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:149 Resp: 1528

Ion	Ratio	Lower	Upper
149	100		
167	37.9	21.0	31.4#
279	14.7	3.4	5.2#

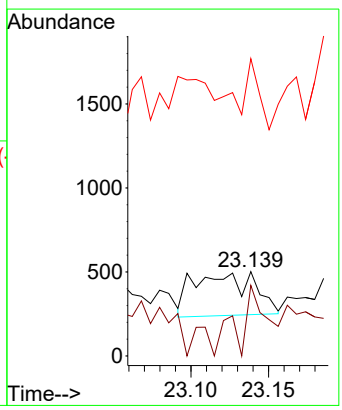


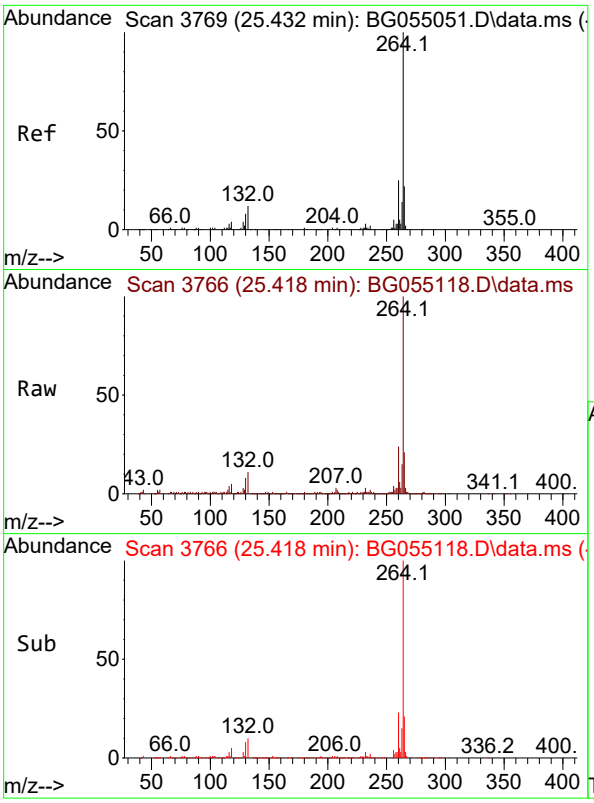


#85
Di-n-octyl phthalate
Concen: 4.384 ng
RT: 23.139 min Scan# 3378
Delta R.T. 0.012 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:149 Resp: 687

Ion	Ratio	Lower	Upper
149	100		
167	54.9	1.3	1.9#
43	32.2	10.2	15.4#



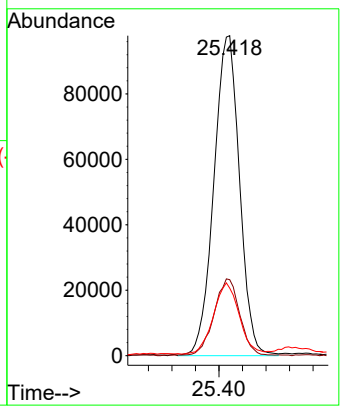


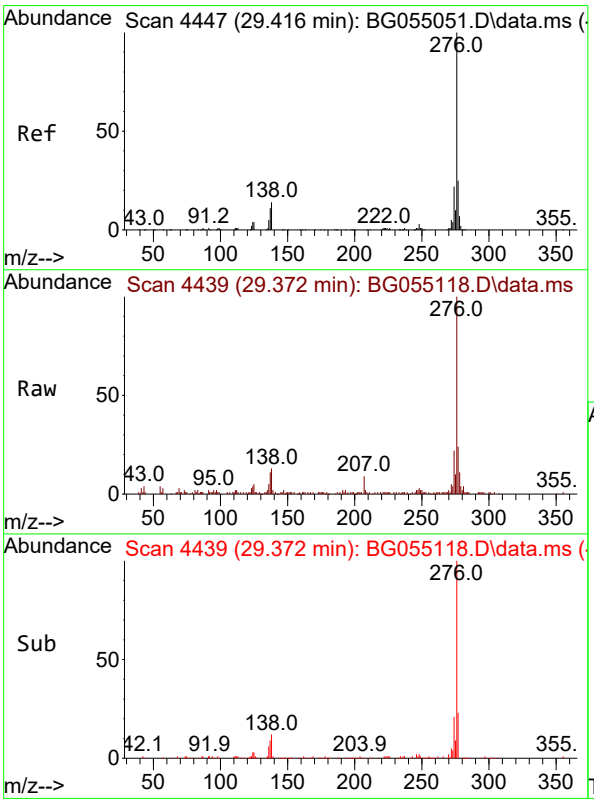
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.418 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:264 Resp: 296337

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.1	17.8	26.6

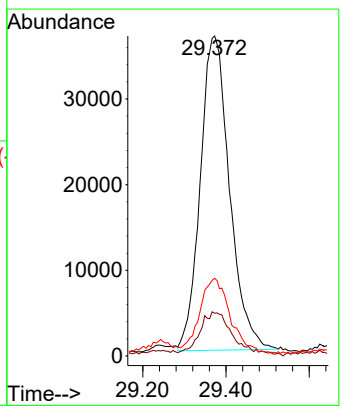


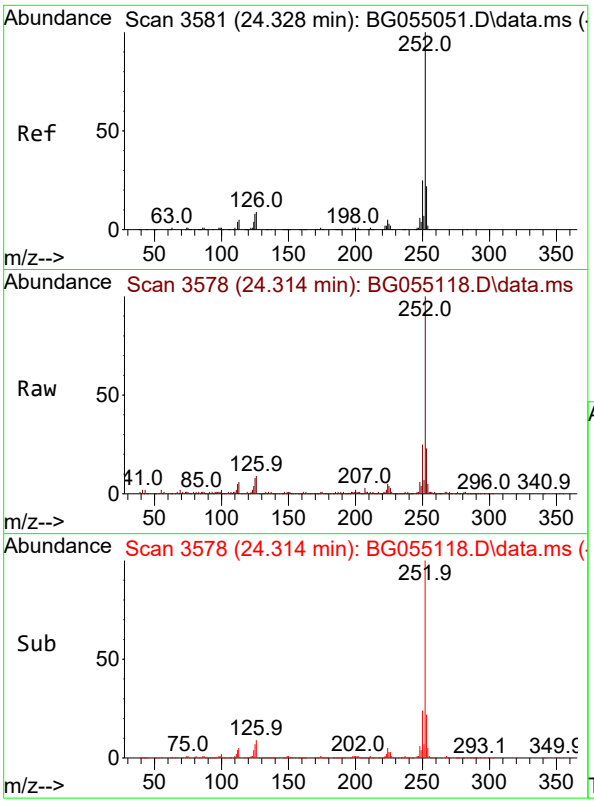


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.389 ng
RT: 29.372 min Scan# 4439
Delta R.T. -0.017 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:276 Resp: 179412

Ion	Ratio	Lower	Upper
276	100		
138	16.2	10.0	15.0#
277	24.6	20.0	30.0



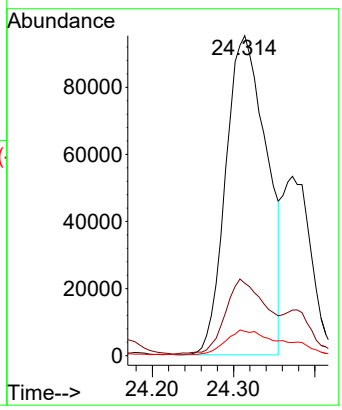


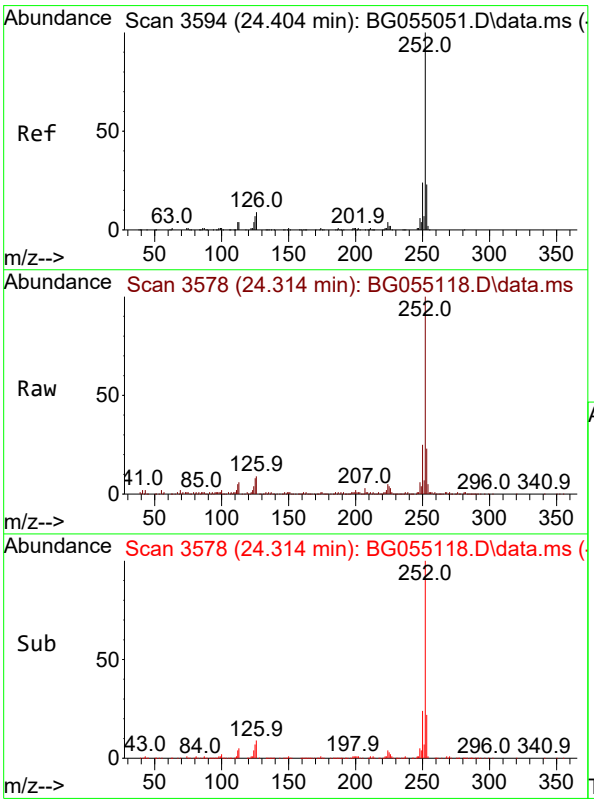
#88
Benzo(b)fluoranthene
Concen: 19.051 ng
RT: 24.314 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:252 Resp: 332640

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.6	6.1	9.1

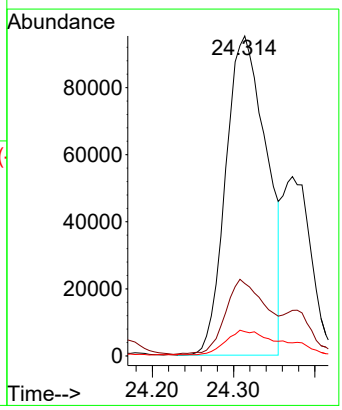


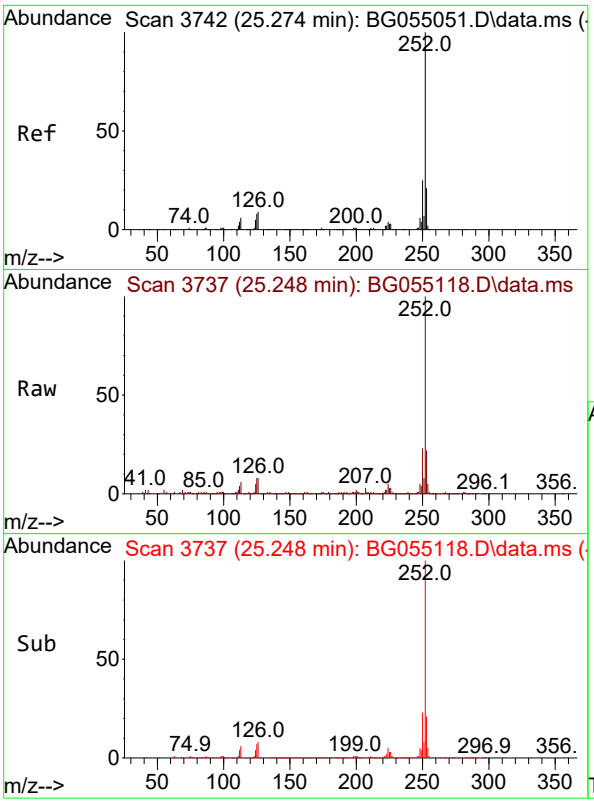


#89
Benzo(k)fluoranthene
Concen: 18.911 ng
RT: 24.314 min Scan# 3578
Delta R.T. -0.076 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:252 Resp: 332640

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.6	5.8	8.6



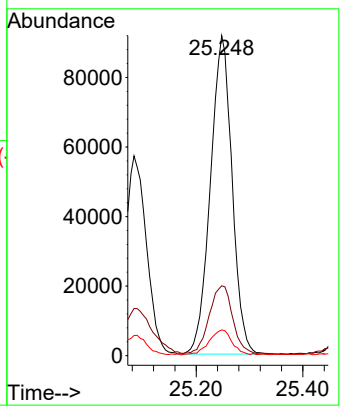


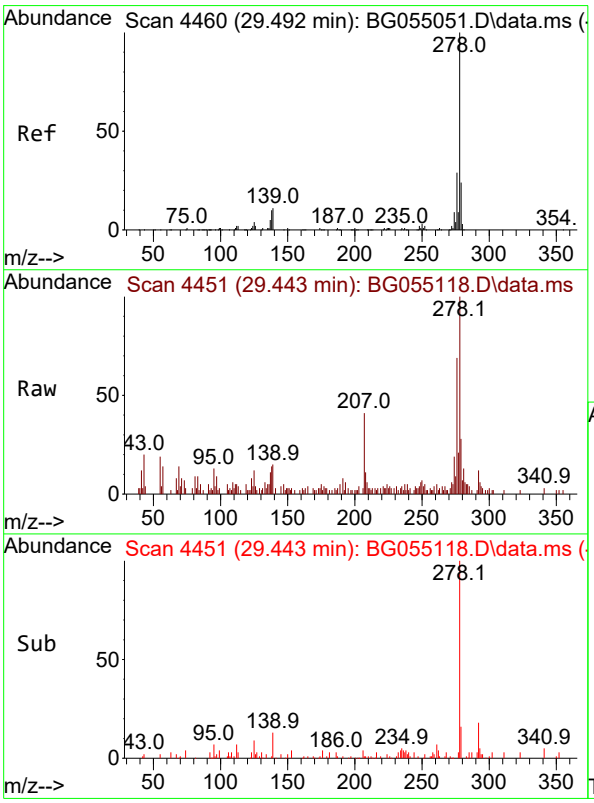
#90
Benzo(a)pyrene
Concen: 17.240 ng
RT: 25.248 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:252 Resp: 257989

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	8.1	6.6	9.8

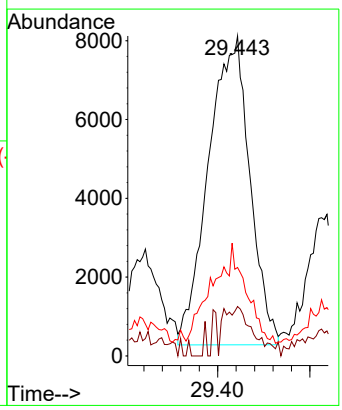


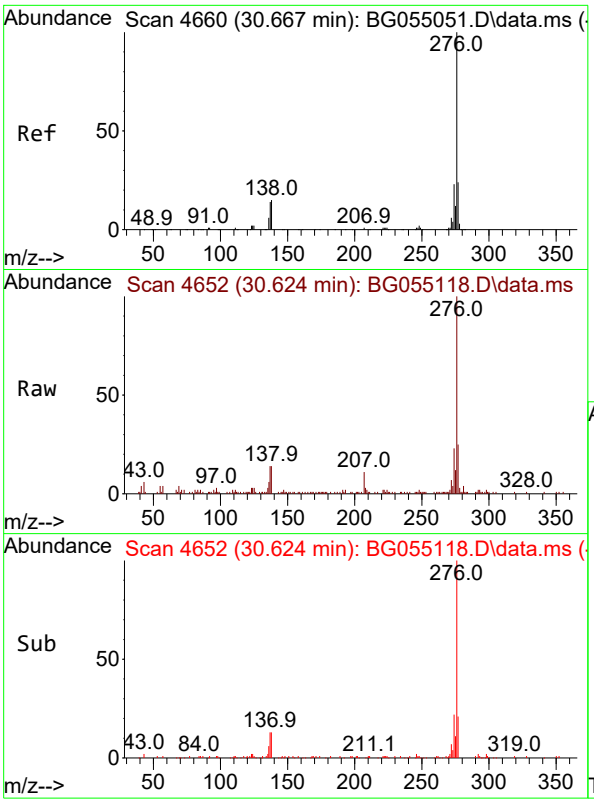


#91
Dibenzo(a,h)anthracene
Concen: 2.797 ng
RT: 29.443 min Scan# 4451
Delta R.T. -0.023 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Tgt Ion:278 Resp: 48582

Ion	Ratio	Lower	Upper
278	100		
139	15.5	8.5	12.7#
279	27.7	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 9.978 ng
RT: 30.624 min Scan# 4
Delta R.T. -0.005 min
Lab File: BG055118.D
Acq: 10 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
OR-3-100622DL

Tgt Ion:276 Resp: 174009

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	14.1	11.8	17.6