Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055164.D
Acq On : 13 Oct 2022 15:08
Operator : CG/JU
Sample : N5082-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Quant Time: Oct 14 01:25:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	33027	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	144923	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	102127	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	229914	20.000	ng	0.00
76) Chrysene-d12	21.924	240	217001	20.000	ng	0.00
86) Perylene-d12	25.344	264	229705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	248617	147.277	ng	0.00
7) Phenol-d6	7.435	99	337853	135.296	ng	0.00
23) Nitrobenzene-d5	9.474	82	219311	81.150	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	180740	123.166	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	549401	87.878	ng	0.00
79) Terphenyl-d14	20.220	244	877331	81.426	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	2836	3.970	ng	# 1
19) n-Nitroso-di-n-propyla...	9.474	70	30350	15.060	ng	# 78
51) 2,6-Dinitrotoluene	14.909	165	14112	8.353	ng	# 24
57) 2,4-Dinitrotoluene	14.909	165	14112	5.703	ng	# 25
67) 4-Bromophenyl-phenylether	16.384	248	11397	4.547	ng	# 1
77) Benzidine	20.214	184	12672	2.604	ng	# 89

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

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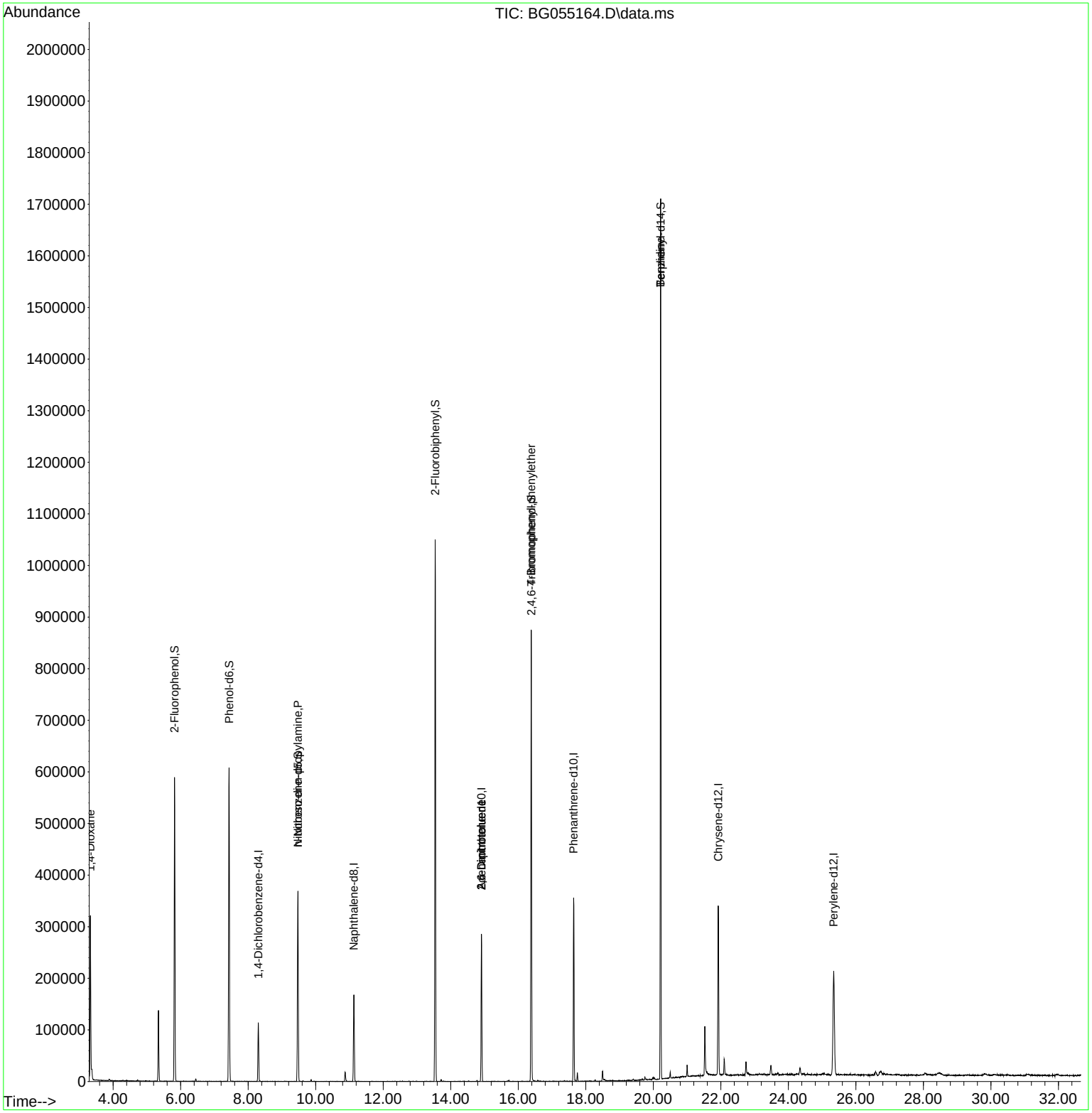
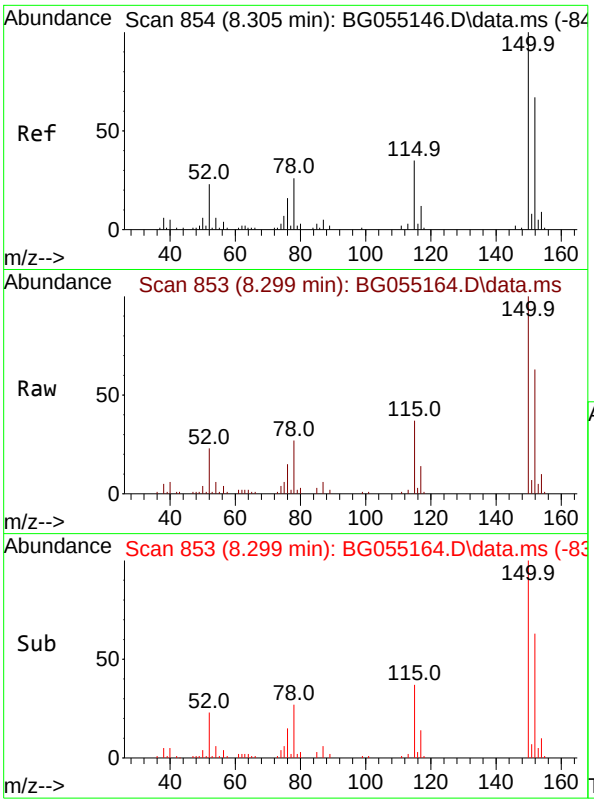


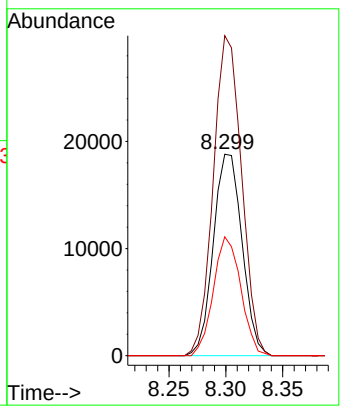


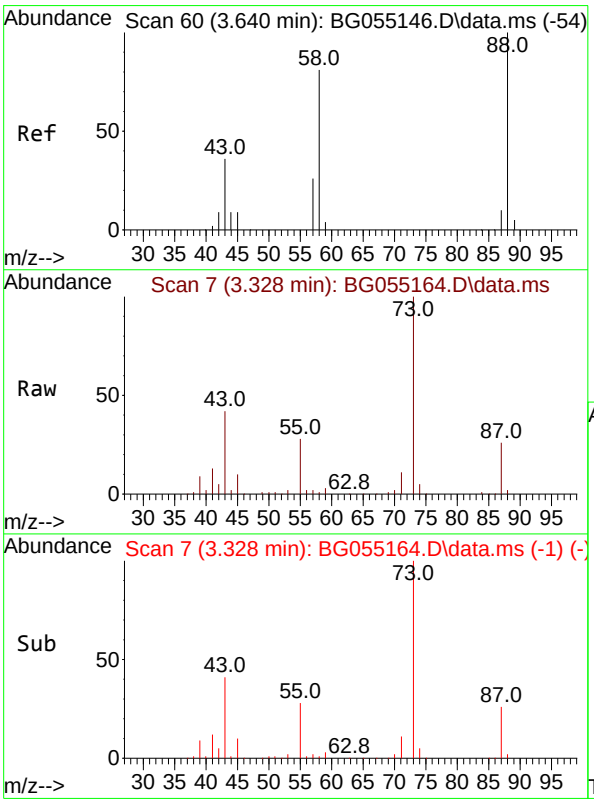
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.299 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion:152 Resp: 33027

Ion	Ratio	Lower	Upper
152	100		
150	158.8	119.7	179.5
115	59.0	42.4	63.6

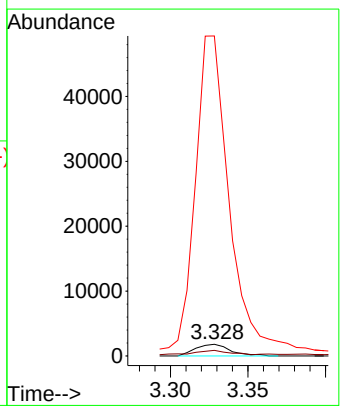


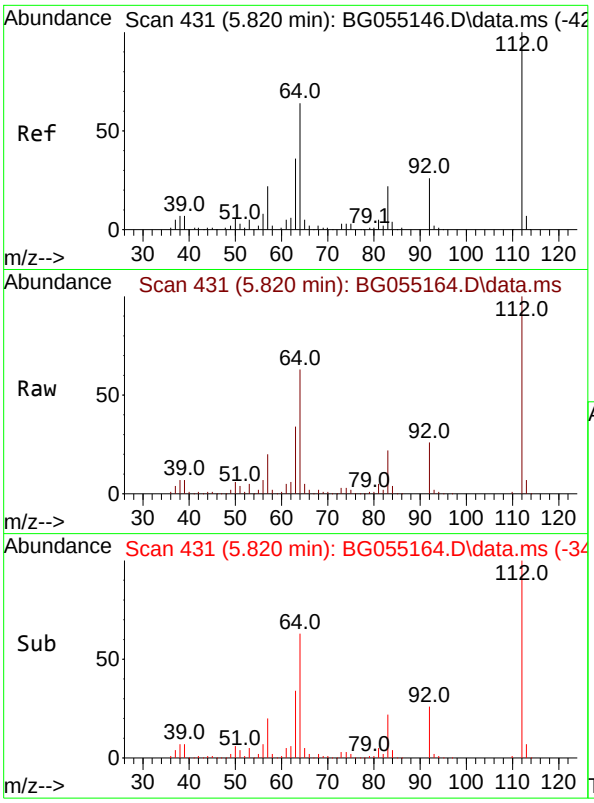


#2
1,4-Dioxane
Concen: 3.970 ng
RT: 3.328 min Scan# 7
Delta R.T. -0.312 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion: 88 Resp: 2836

Ion	Ratio	Lower	Upper
88	100		
58	32.0	61.0	91.4#
43	2598.3	26.5	39.7#



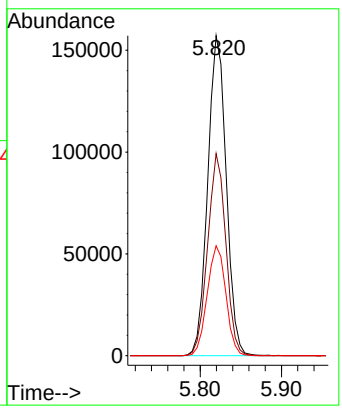


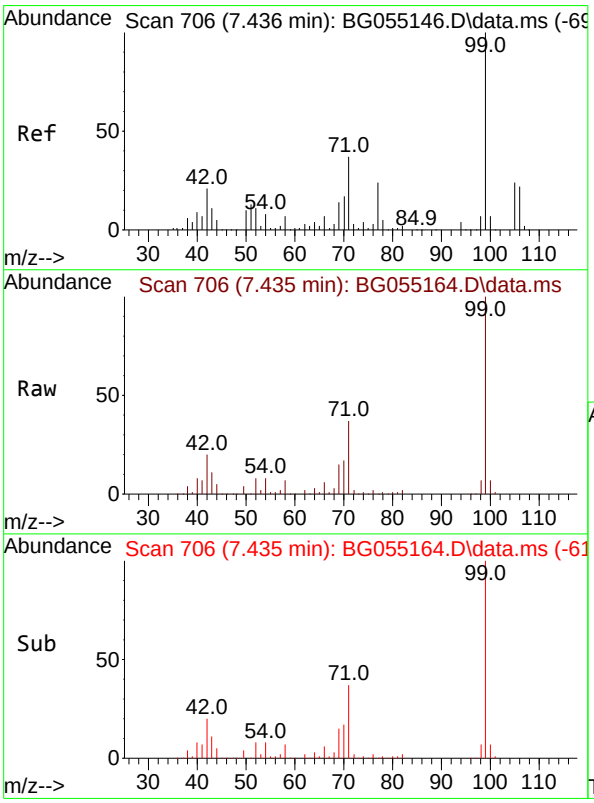
#5
2-Fluorophenol
Concen: 147.277 ng
RT: 5.820 min Scan# 4
Delta R.T. -0.000 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion:112 Resp: 248617

Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.9	76.3
63	34.4	29.0	43.6

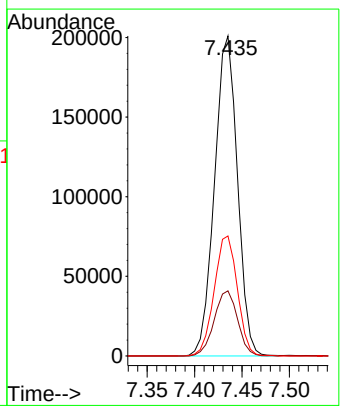


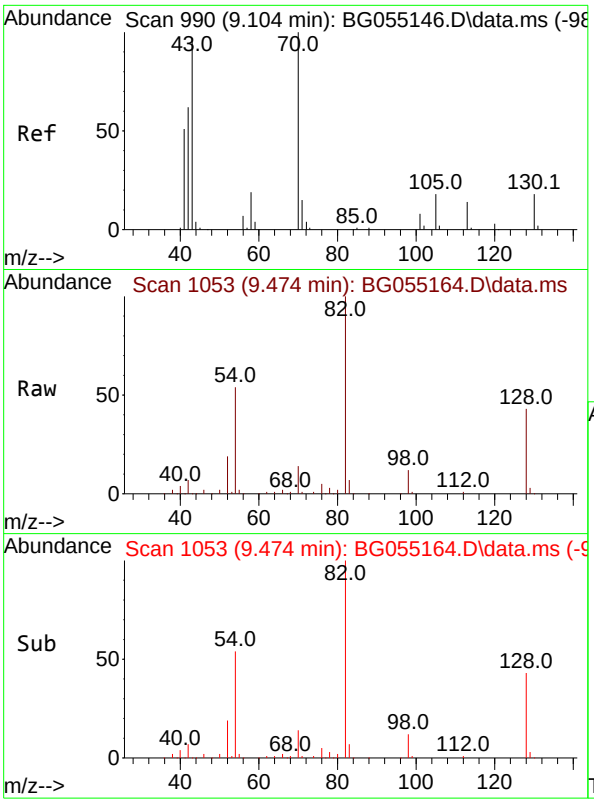


#7
Phenol-d6
Concen: 135.296 ng
RT: 7.435 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion: 99 Resp: 337853

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	25.0
71	37.5	29.6	44.4



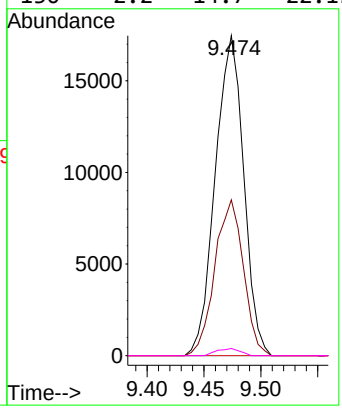


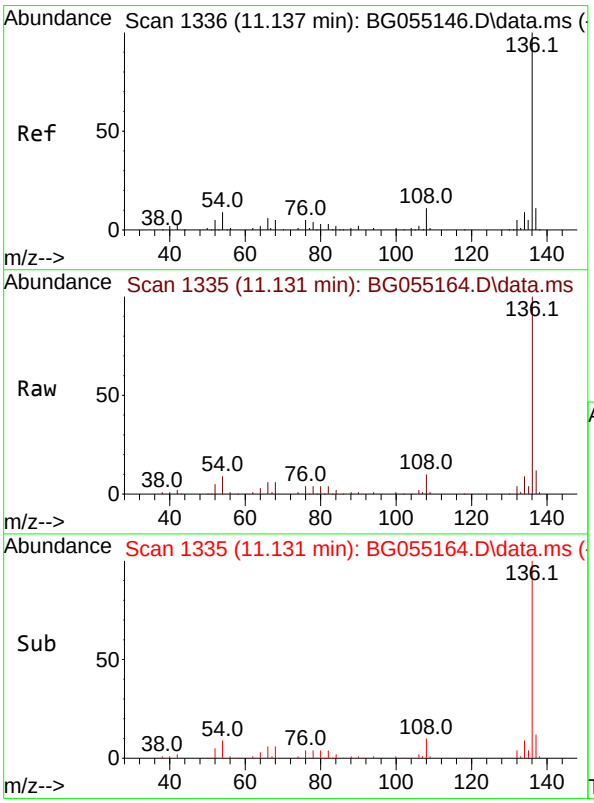
#19
n-Nitroso-di-n-propylamine
Concen: 15.060 ng
RT: 9.474 min Scan# 1
Delta R.T. 0.370 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion: 70 Resp: 30350

Ion	Ratio	Lower	Upper
70	100		
42	48.7	50.1	75.1#
101	0.0	6.6	10.0#
130	2.2	14.7	22.1#

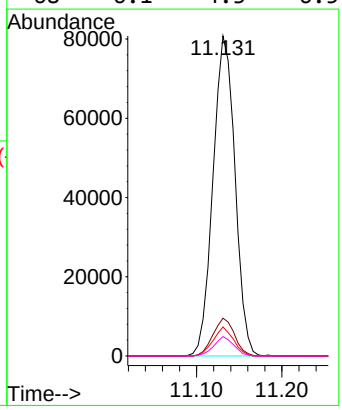


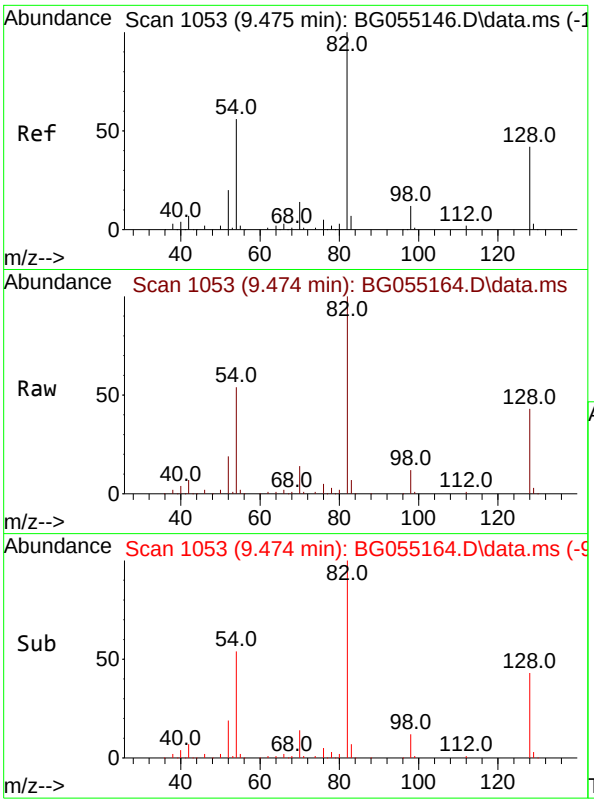


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion:136 Resp: 144923

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	9.1	7.0	10.6
68	6.1	4.3	6.5



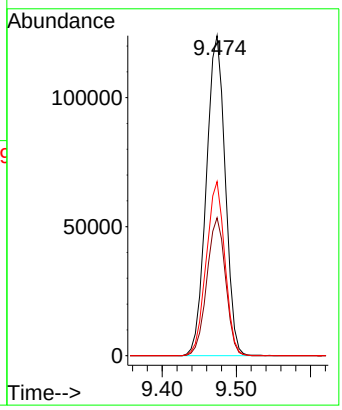


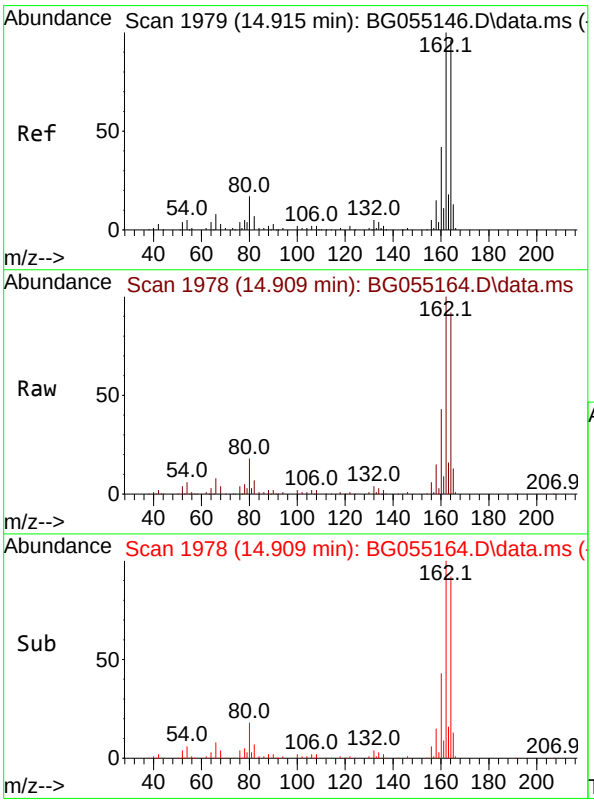
#23
Nitrobenzene-d5
Concen: 81.150 ng
RT: 9.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion: 82 Resp: 219311

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.5	50.3
54	54.4	44.7	67.1

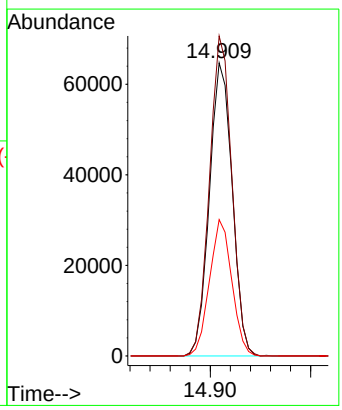


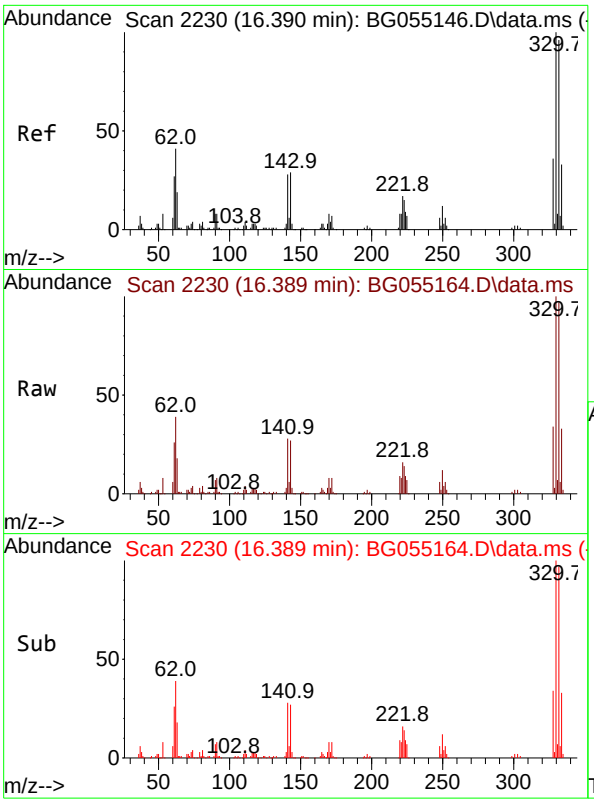


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion:164 Resp: 102127

Ion	Ratio	Lower	Upper
164	100		
162	109.2	83.3	124.9
160	46.5	35.3	52.9



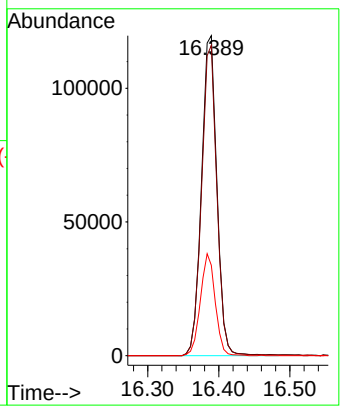


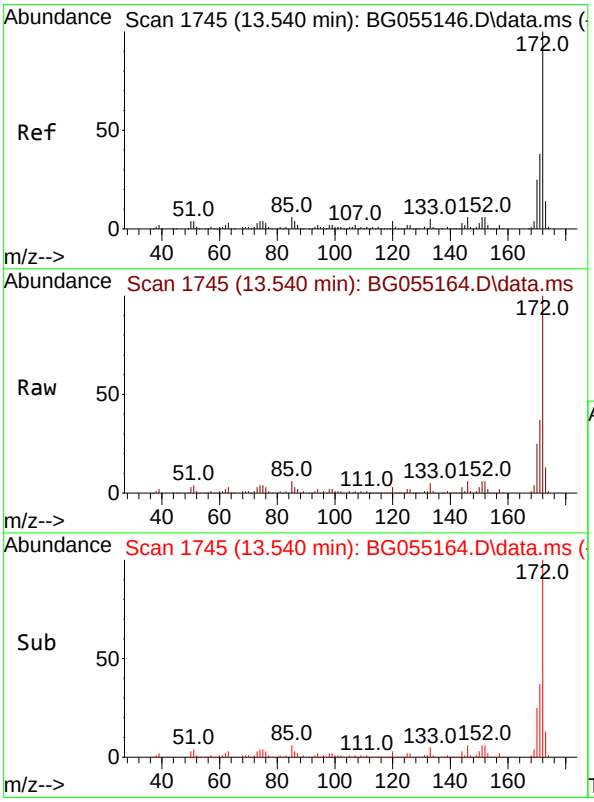
#42
2,4,6-Tribromophenol
Concen: 123.166 ng
RT: 16.389 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion:330 Resp: 180740

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.4
141	30.6	24.6	36.8

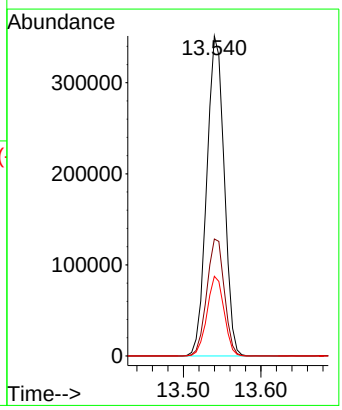


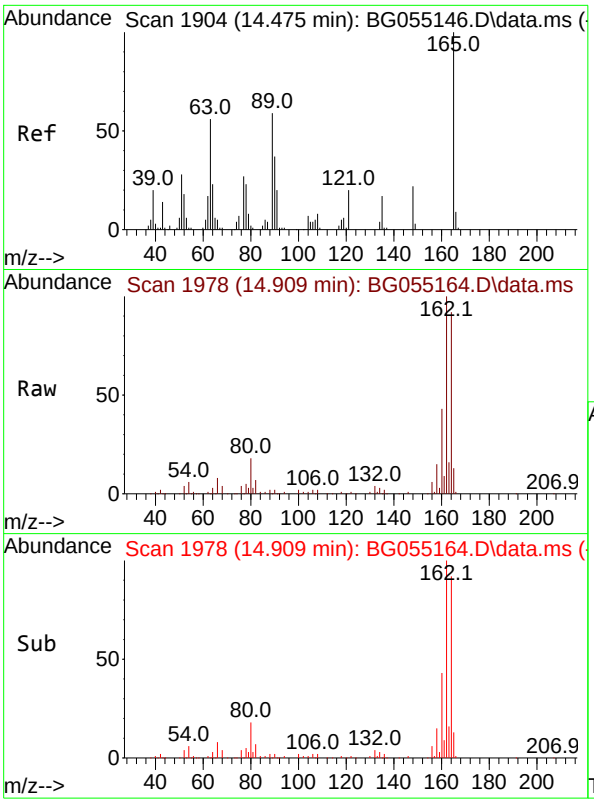


#45
2-Fluorobiphenyl
Concen: 87.878 ng
RT: 13.540 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion:172 Resp: 549401

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.1	45.1
170	24.9	19.8	29.6



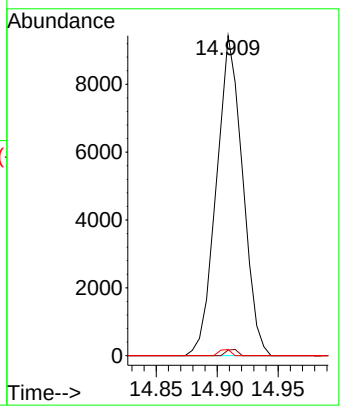


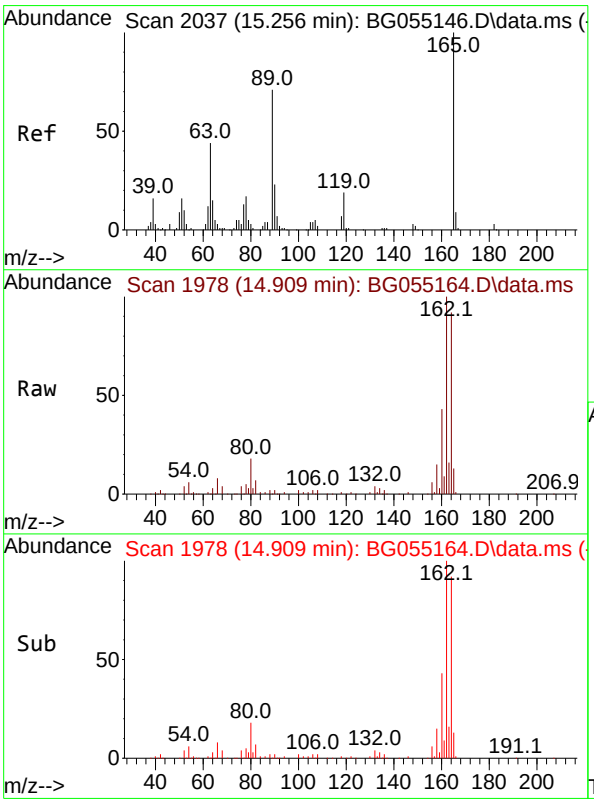
#51
2,6-Dinitrotoluene
Concen: 8.353 ng
RT: 14.909 min Scan# 1
Delta R.T. 0.434 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion:165 Resp: 14112

Ion	Ratio	Lower	Upper
165	100		
63	1.8	46.6	70.0#
89	1.9	47.6	71.4#

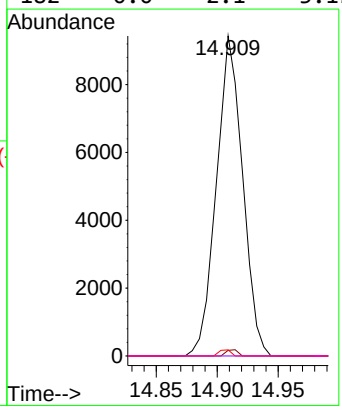


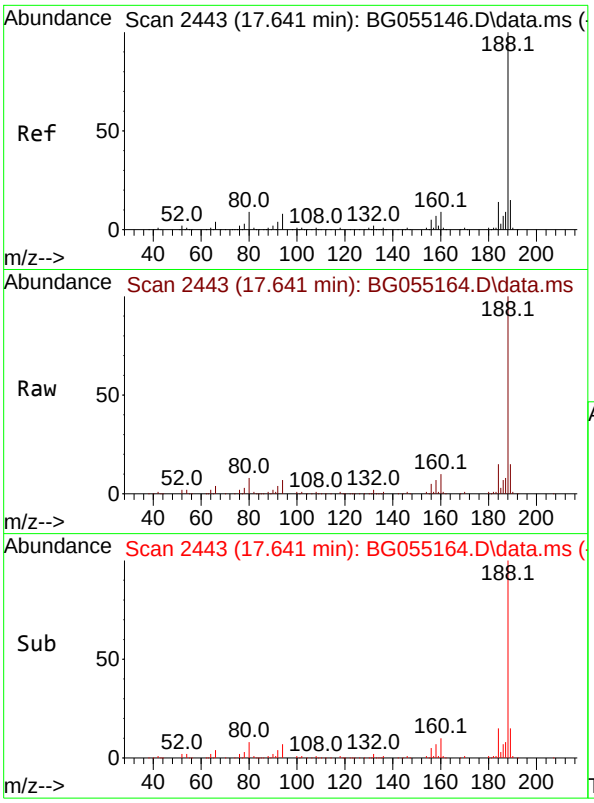


#57
2,4-Dinitrotoluene
Concen: 5.703 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.347 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion:165 Resp: 14112

Ion	Ratio	Lower	Upper
165	100		
63	1.8	35.6	53.4#
89	1.9	56.4	84.6#
182	0.0	2.1	3.1#



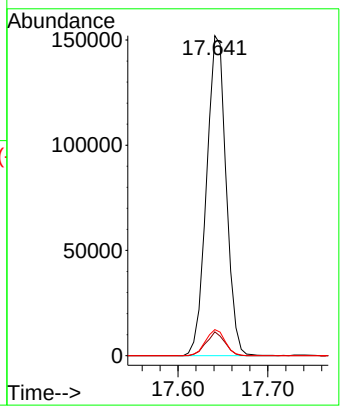


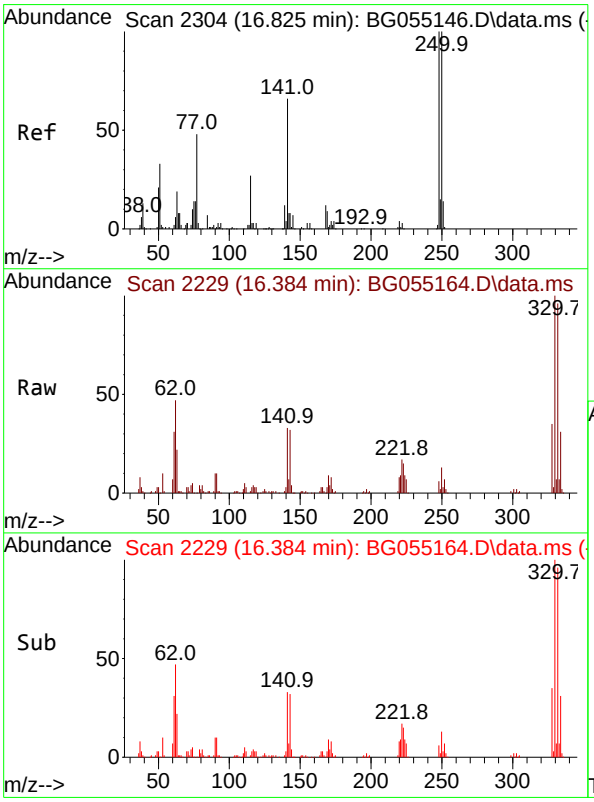
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.641 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion:188 Resp: 229914

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.2
80	8.2	7.0	10.6

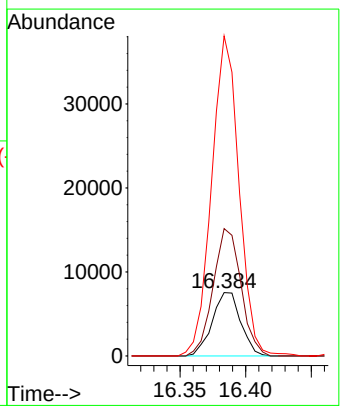


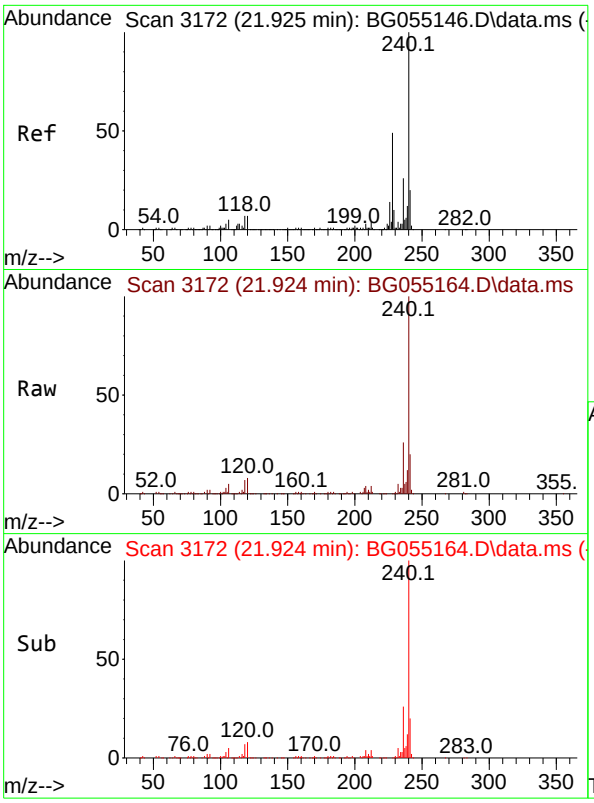


#67
4-Bromophenyl-phenylether
Concen: 4.547 ng
RT: 16.384 min Scan# 2229
Delta R.T. -0.441 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion:248 Resp: 11397

Ion	Ratio	Lower	Upper
248	100		
250	201.2	80.1	120.1#
141	505.5	53.1	79.7#



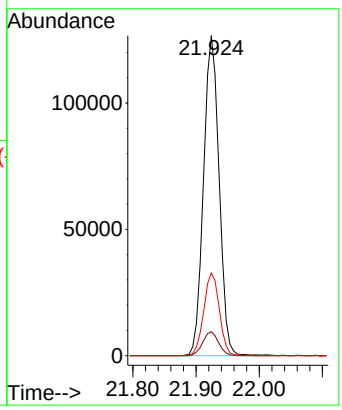


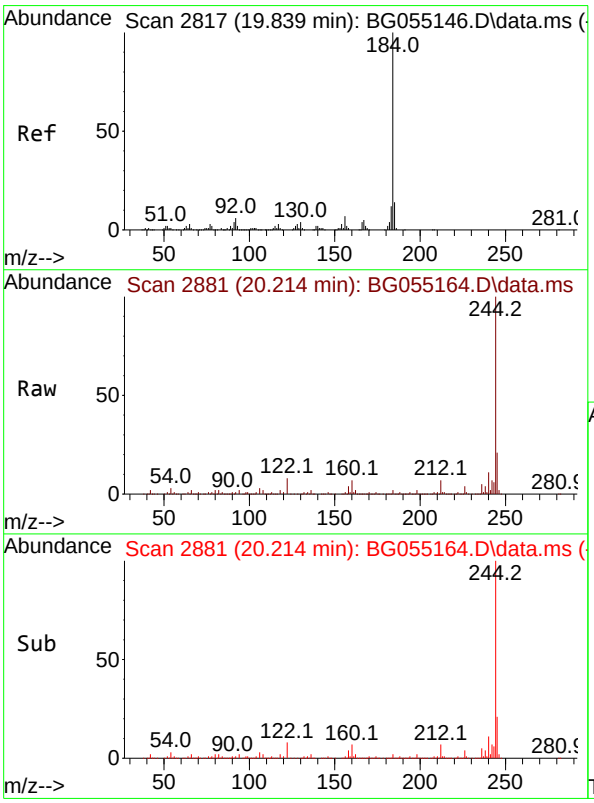
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion:240 Resp: 217001

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.4	8.0
236	25.9	20.6	31.0

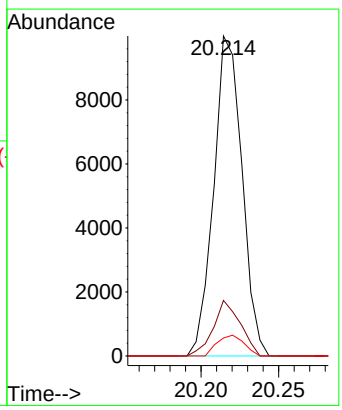


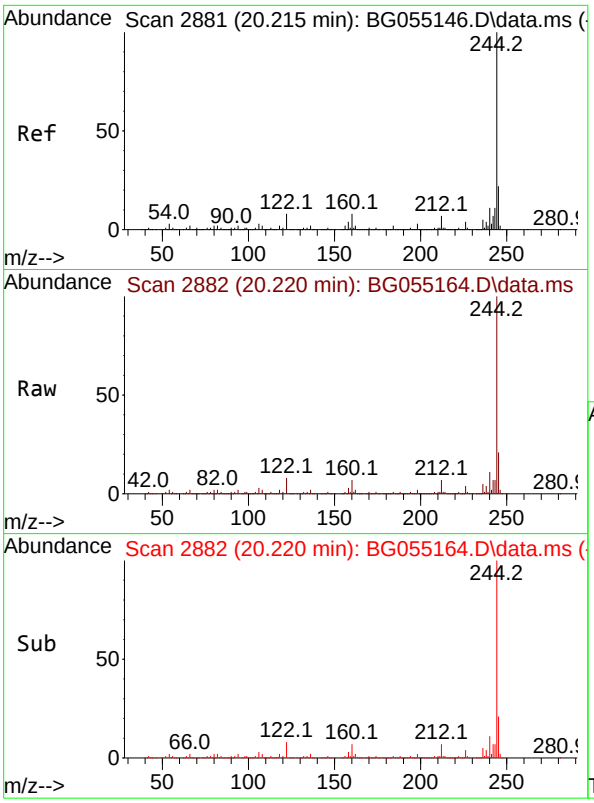


#77
Benzidine
Concen: 2.604 ng
RT: 20.214 min Scan# 2881
Delta R.T. 0.376 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion:184 Resp: 12672

Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.5	17.3#
183	5.6	9.4	14.2#



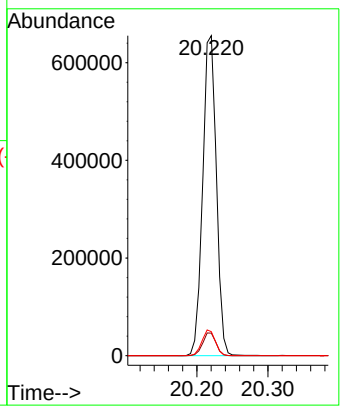


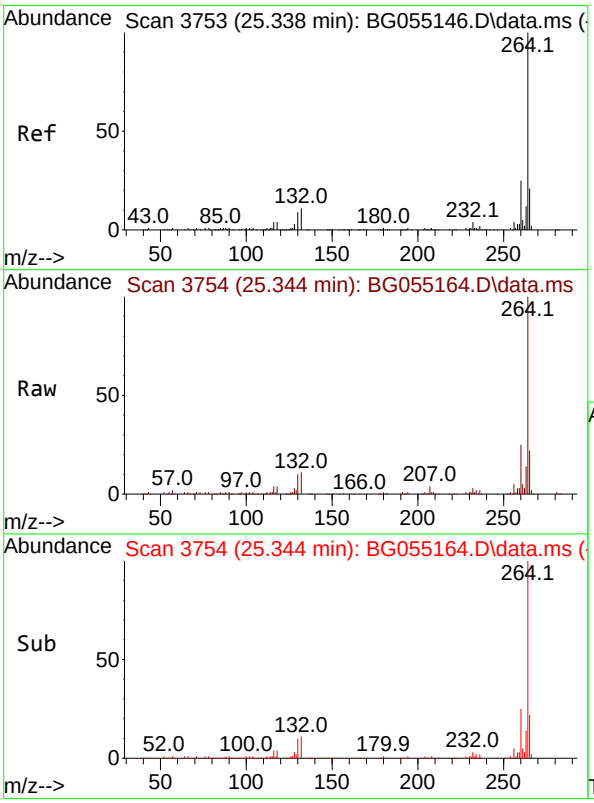
#79
Terphenyl-d14
Concen: 81.426 ng
RT: 20.220 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-2-FLORENCE-VOC-2

Tgt Ion:244 Resp: 877331

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	7.5	6.6	10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 3754
Delta R.T. 0.005 min
Lab File: BG055164.D
Acq: 13 Oct 2022 15:08

Tgt Ion:264 Resp: 229705

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.9	16.8	25.2