Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
Data File : BG055390.D
Acq On : 31 Oct 2022 22:42
Operator : CG/JU
Sample : N5371-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Quant Time: Nov 01 06:51:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	35603	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	141905	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	96614	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	214636	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	209865	20.000	ng	# 0.00
86) Perylene-d12	25.268	264	225189	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	246470	121.215	ng	0.00
7) Phenol-d6	7.406	99	290812	98.720	ng	0.00
23) Nitrobenzene-d5	9.433	82	220041	79.180	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	171399	163.194	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	527059	89.290	ng	-0.01
79) Terphenyl-d14	20.180	244	911676	90.257	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.433	70	28711	11.737	ng	# 79
31) Naphthalene	11.137	128	75771	10.009	ng	99
33) 4-Chloroaniline	11.137	127	10463	3.233	ng	# 36
51) 2,6-Dinitrotoluene	14.874	165	12453	8.068	ng	# 19
57) 2,4-Dinitrotoluene	14.874	165	12453	5.559	ng	# 18
67) 4-Bromophenyl-phenylether	16.349	248	10603	5.085	ng	# 1
77) Benzidine	20.180	184	13149	2.588	ng	# 92

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

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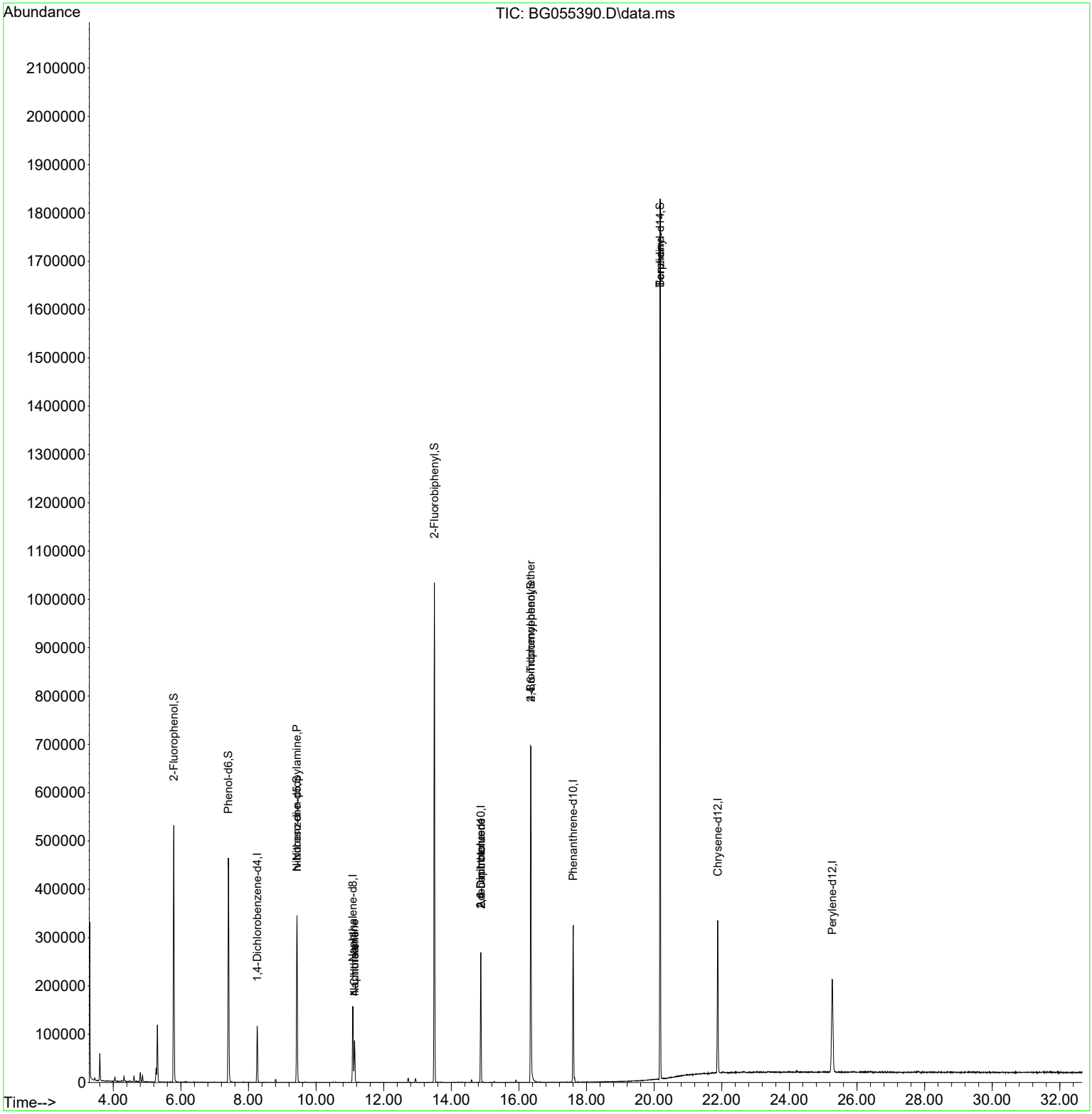
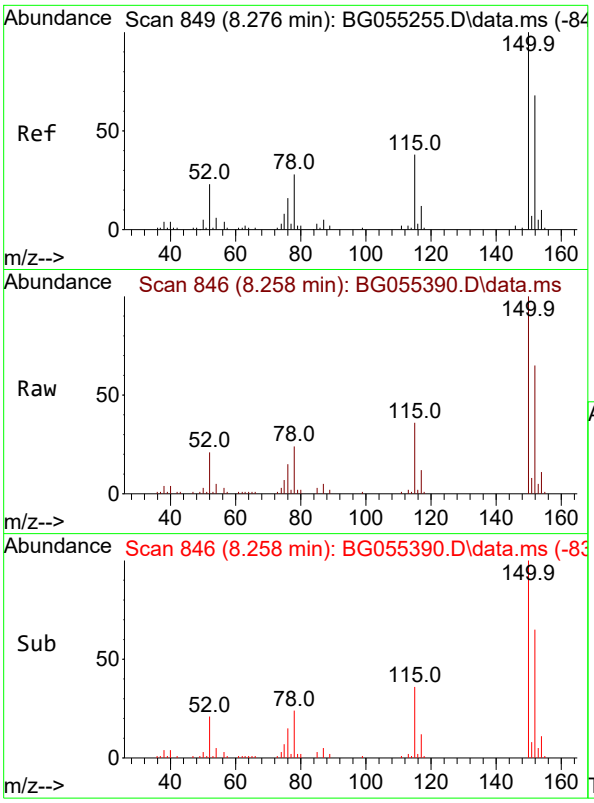


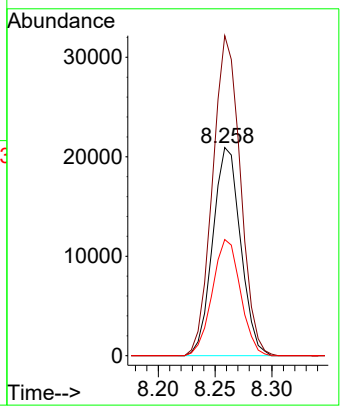


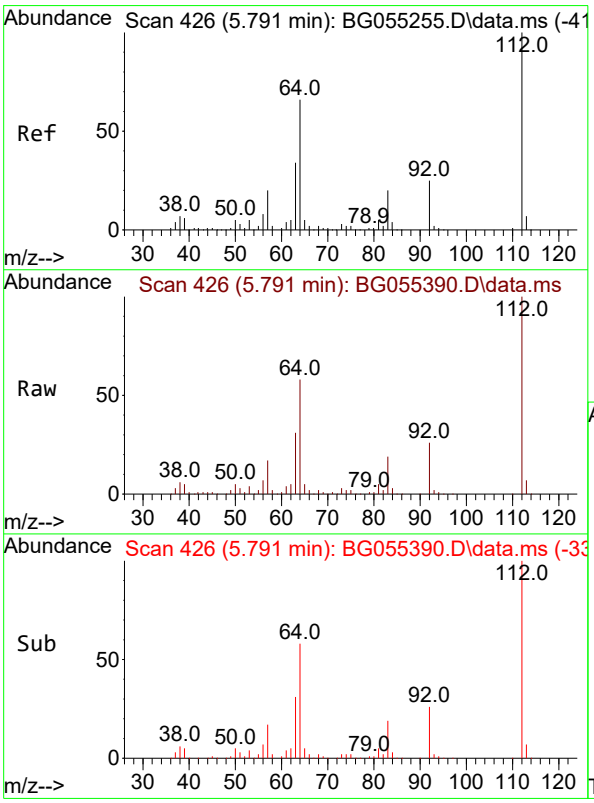
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:152 Resp: 35603

Ion	Ratio	Lower	Upper
152	100		
150	153.7	118.2	177.4
115	55.8	44.5	66.7

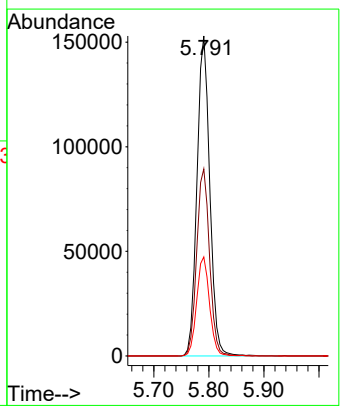


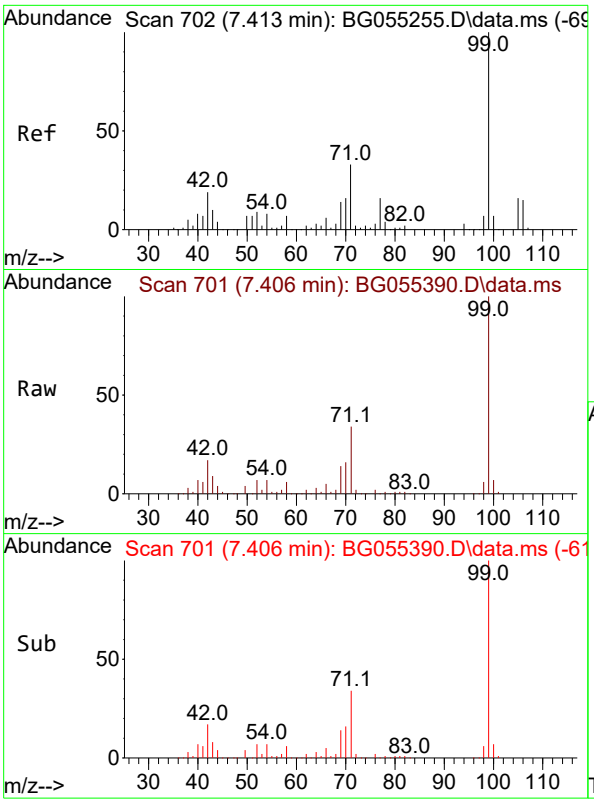


#5
2-Fluorophenol
Concen: 121.215 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:112 Resp: 246470

Ion	Ratio	Lower	Upper
112	100		
64	58.5	52.6	78.8
63	31.0	27.1	40.7



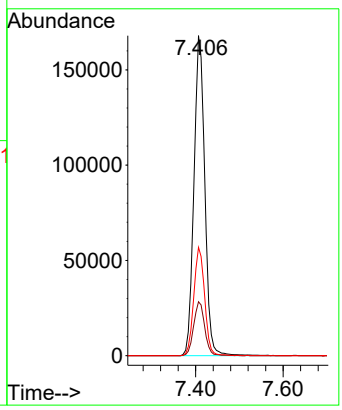


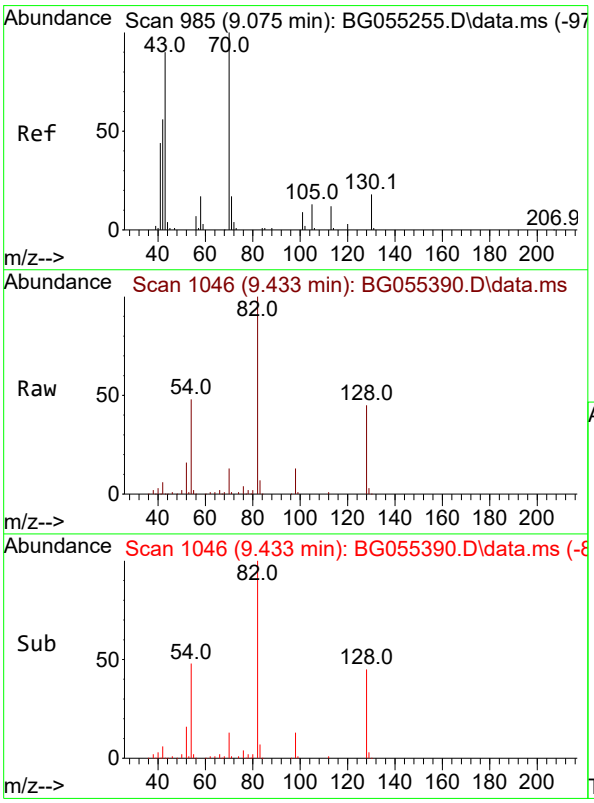
#7
Phenol-d6
Concen: 98.720 ng
RT: 7.406 min Scan# 7(
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion: 99 Resp: 290812

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.2	22.8
71	33.8	26.2	39.4

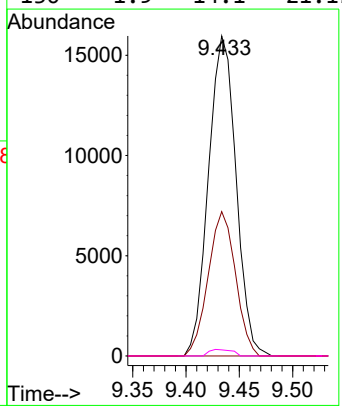


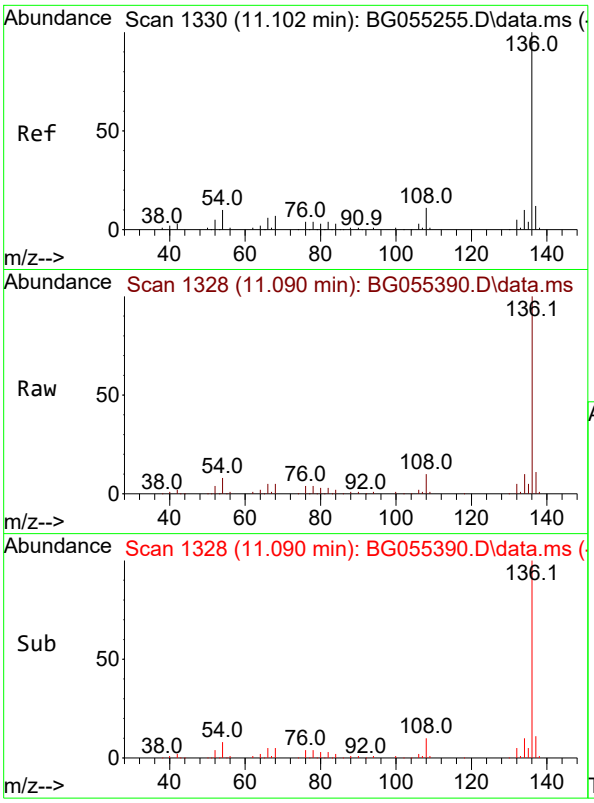


#19
n-Nitroso-di-n-propylamine
Concen: 11.737 ng
RT: 9.433 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion: 70 Resp: 28711

Ion	Ratio	Lower	Upper
70	100		
42	45.1	45.8	68.6#
101	0.0	7.4	11.0#
130	1.9	14.1	21.1#



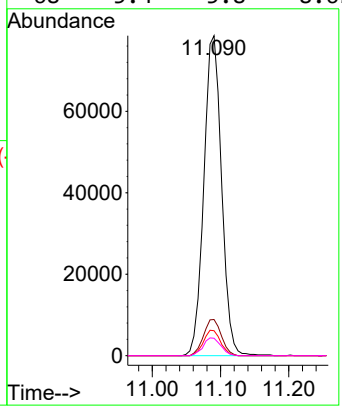


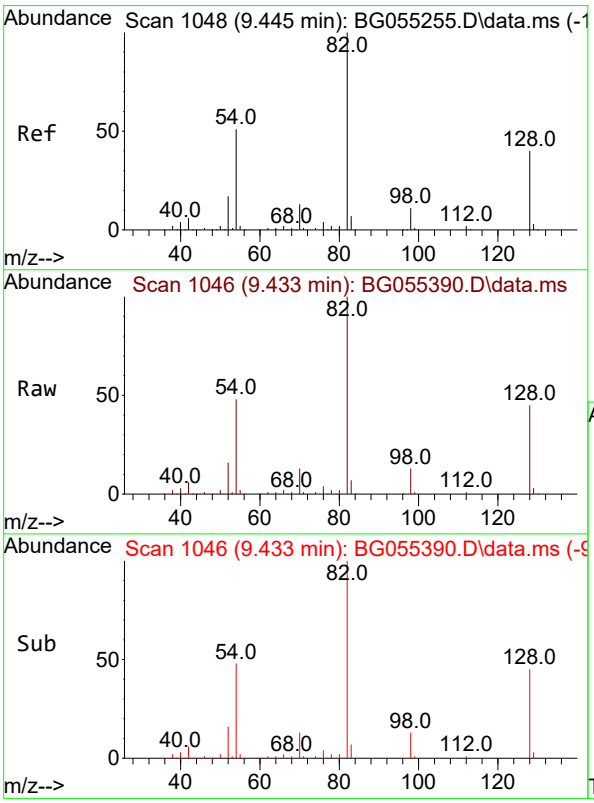
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:136 Resp: 141905

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.8	7.8	11.8#
68	5.4	5.8	8.6#

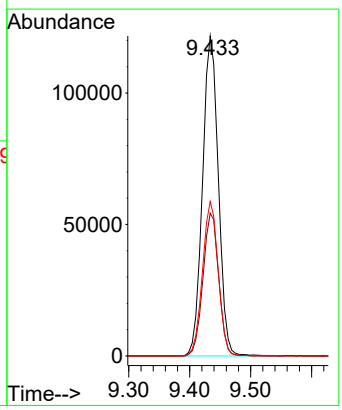


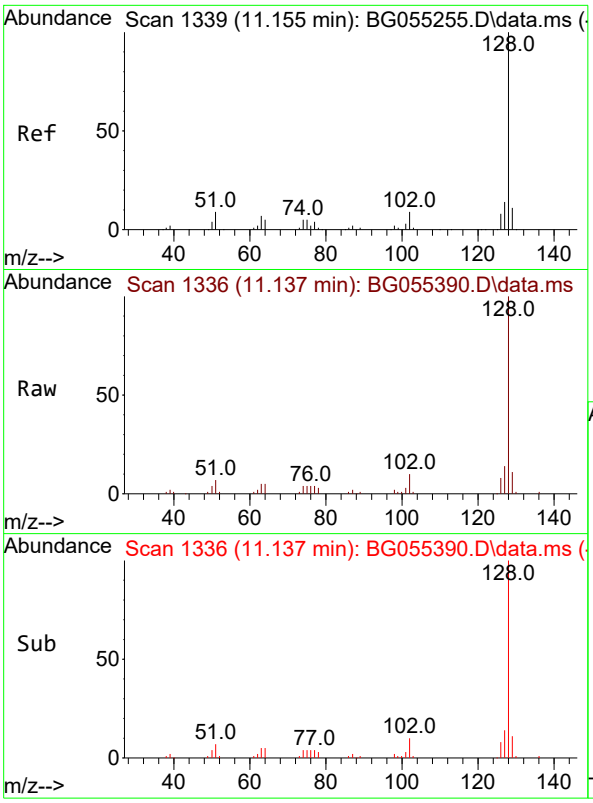


#23
Nitrobenzene-d5
Concen: 79.180 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion: 82 Resp: 220041

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.0	48.0
54	48.2	40.9	61.3



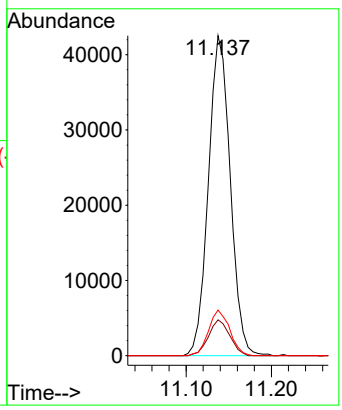


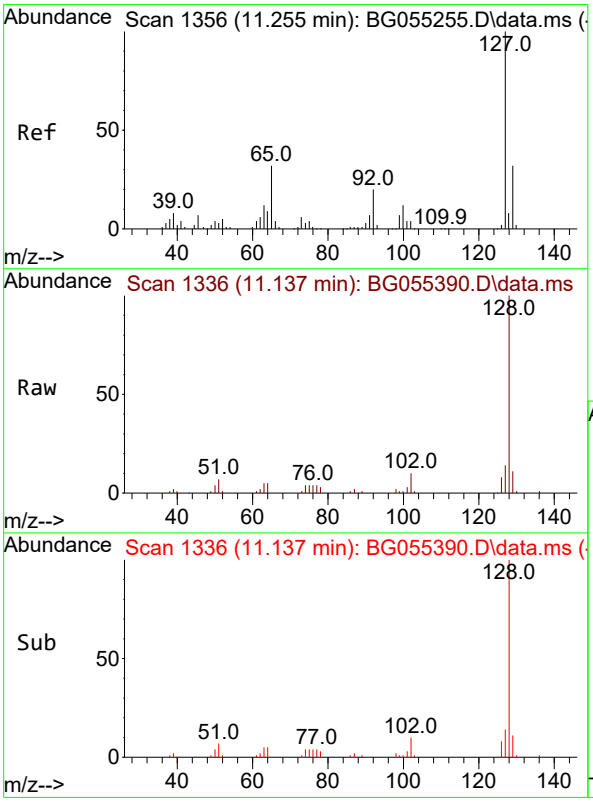
#31
Naphthalene
Concen: 10.009 ng
RT: 11.137 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:128 Resp: 75771

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.2	11.1	16.7

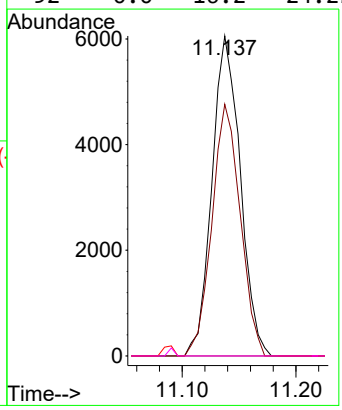


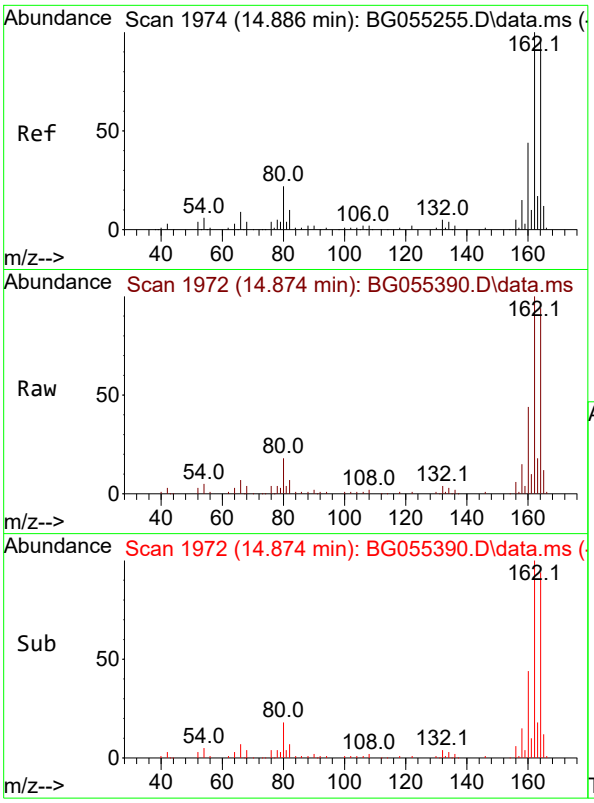


#33
4-Chloroaniline
Concen: 3.233 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.112 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:127 Resp: 10463

Ion	Ratio	Lower	Upper
127	100		
129	78.6	25.4	38.0#
65	0.0	25.5	38.3#
92	0.0	16.2	24.2#



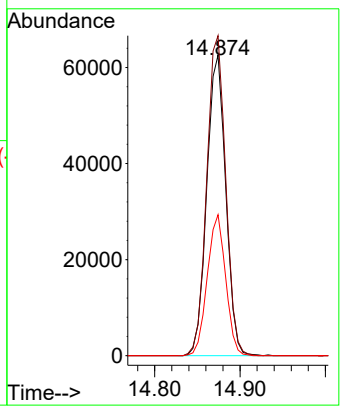


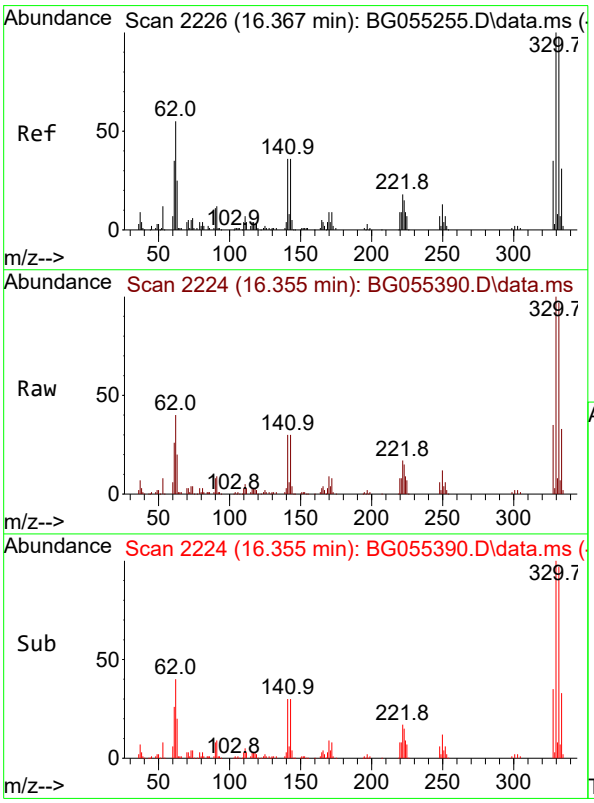
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:164 Resp: 96614

Ion	Ratio	Lower	Upper
164	100		
162	106.4	84.0	126.0
160	46.9	36.7	55.1

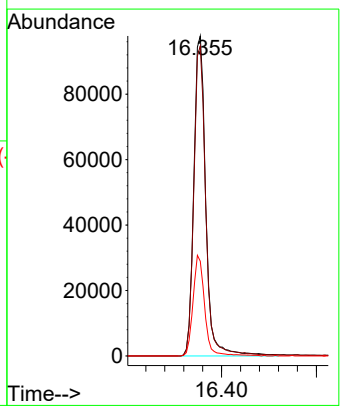


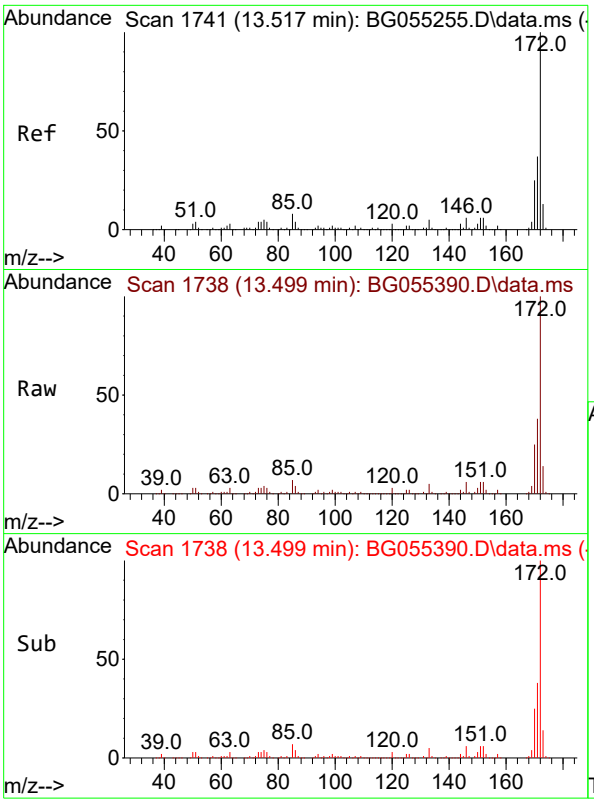


#42
2,4,6-Tribromophenol
Concen: 163.194 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:330 Resp: 171399

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	30.6	29.8	44.8



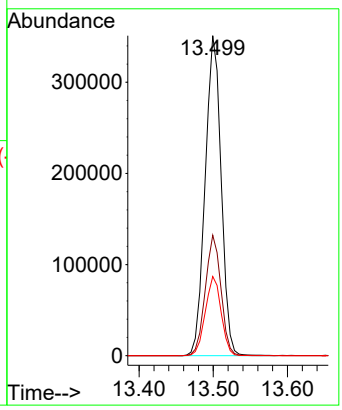


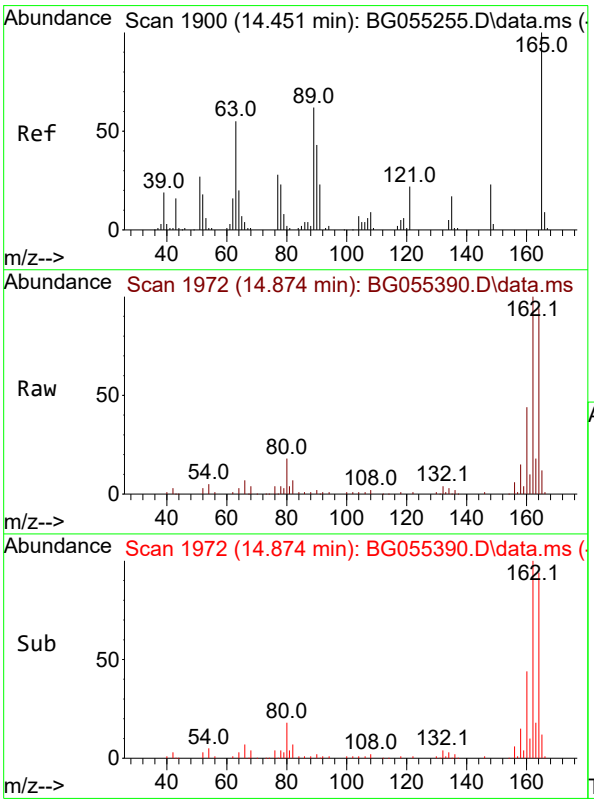
#45
2-Fluorobiphenyl
Concen: 89.290 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:172 Resp: 527059

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	24.7	20.2	30.2

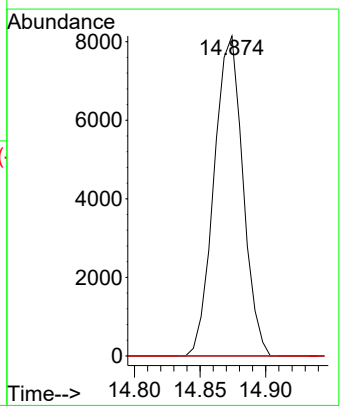


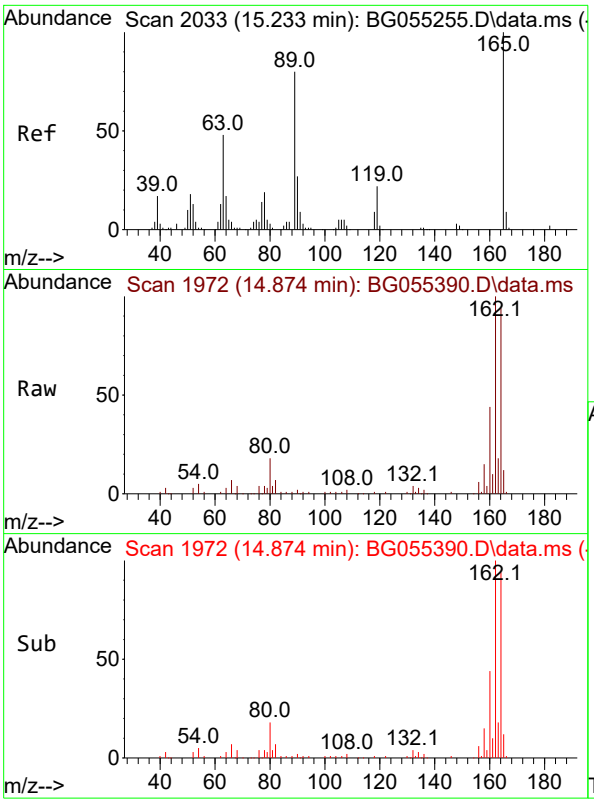


#51
2,6-Dinitrotoluene
Concen: 8.068 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.422 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:165 Resp: 12453

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.2	73.8#
89	0.0	49.9	74.9#



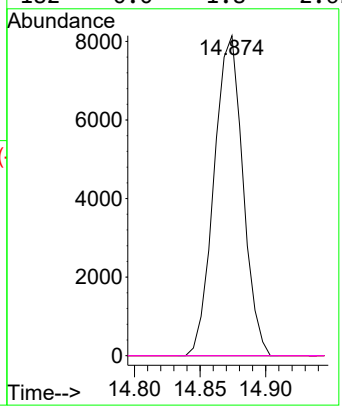


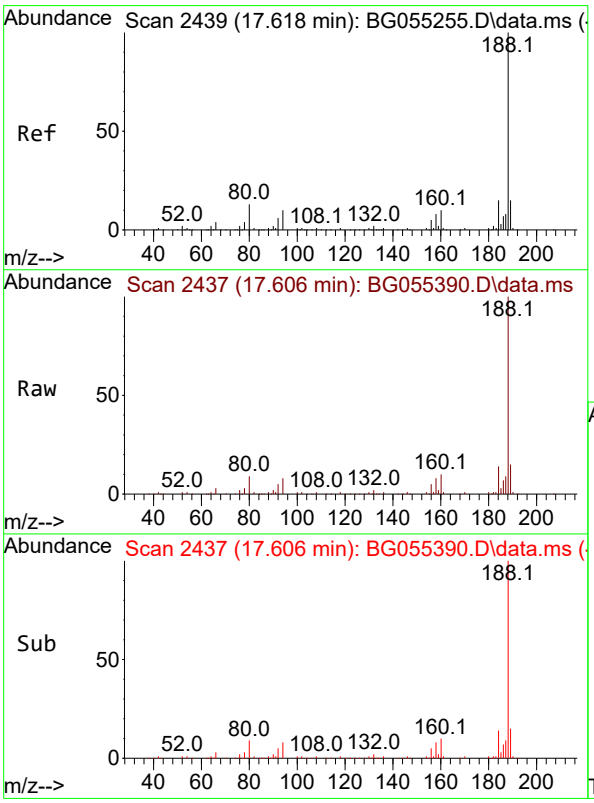
#57
2,4-Dinitrotoluene
Concen: 5.559 ng
RT: 14.874 min Scan# 1
Delta R.T. -0.359 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:165 Resp: 12453

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.9	58.3#
89	0.0	64.2	96.4#
182	0.0	1.8	2.6#

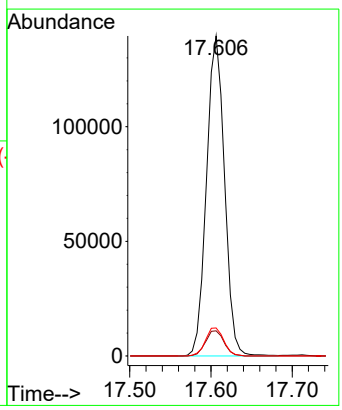


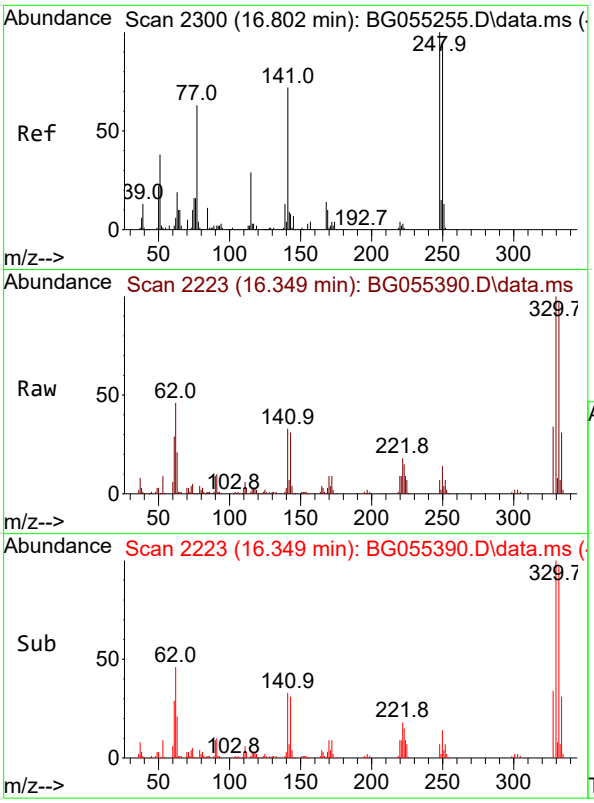


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:188 Resp: 214636

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.4#
80	8.8	10.1	15.1#



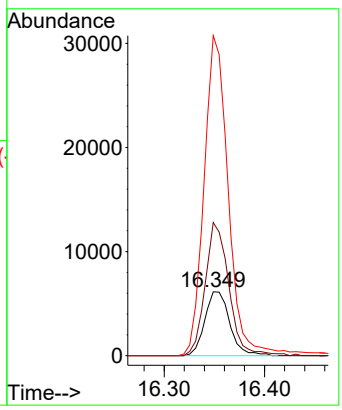


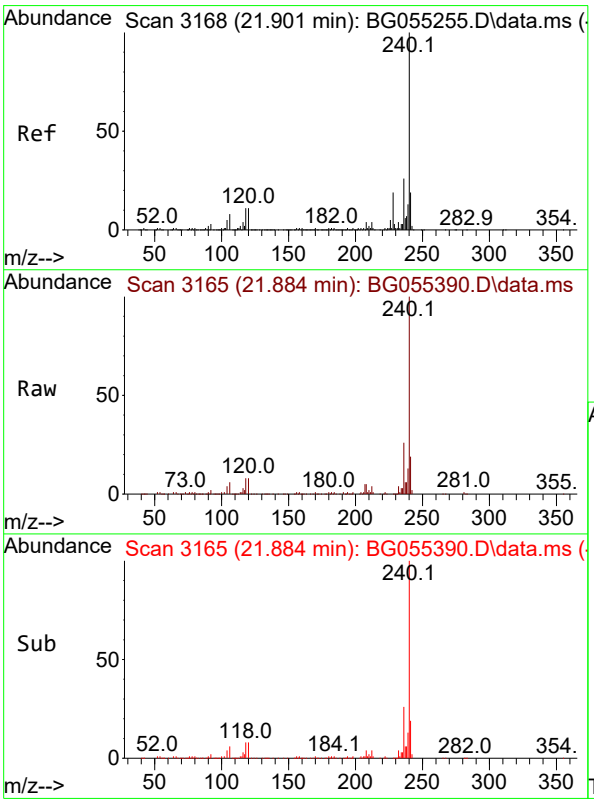
#67
4-Bromophenyl-phenylether
Concen: 5.085 ng
RT: 16.349 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:248 Resp: 10603

Ion	Ratio	Lower	Upper
248	100		
250	208.5	76.0	114.0#
141	500.9	58.0	87.0#

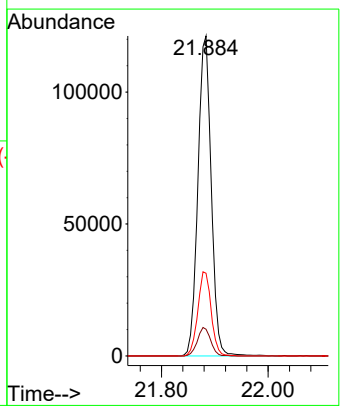


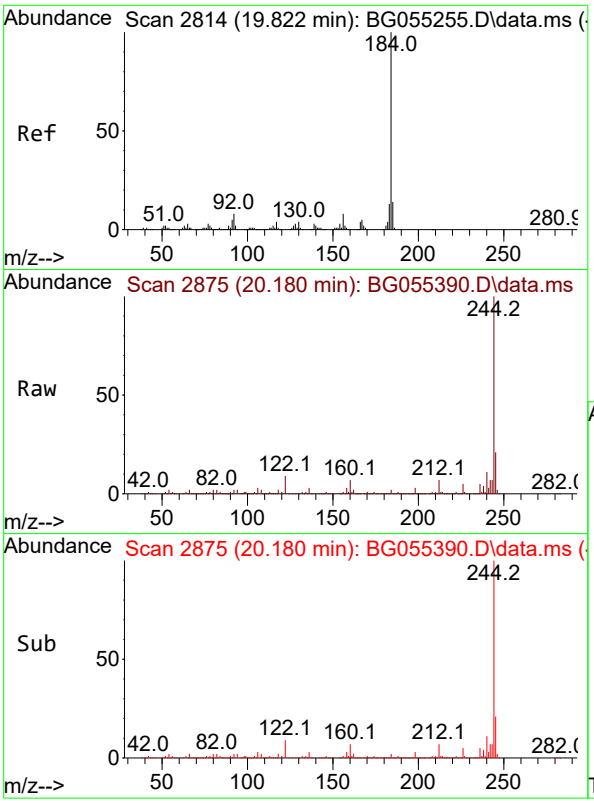


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:240 Resp: 209865

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.9	13.3#
236	25.9	21.0	31.4



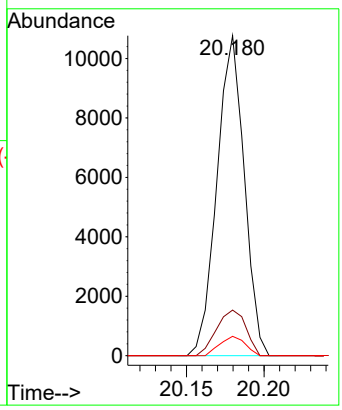


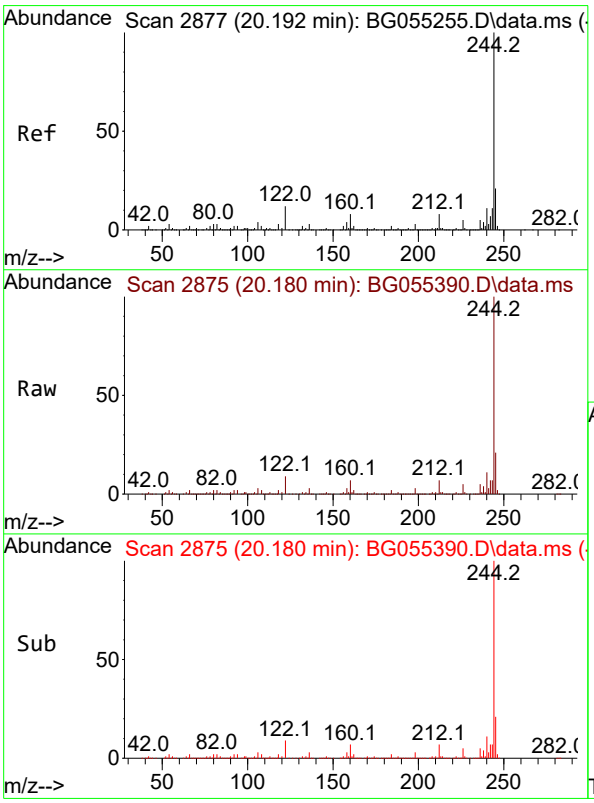
#77
Benzidine
Concen: 2.588 ng
RT: 20.180 min Scan# 2
Delta R.T. 0.364 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:184 Resp: 13149

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.0	16.6
183	6.1	10.0	15.0#

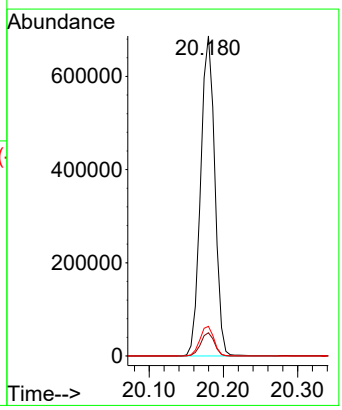


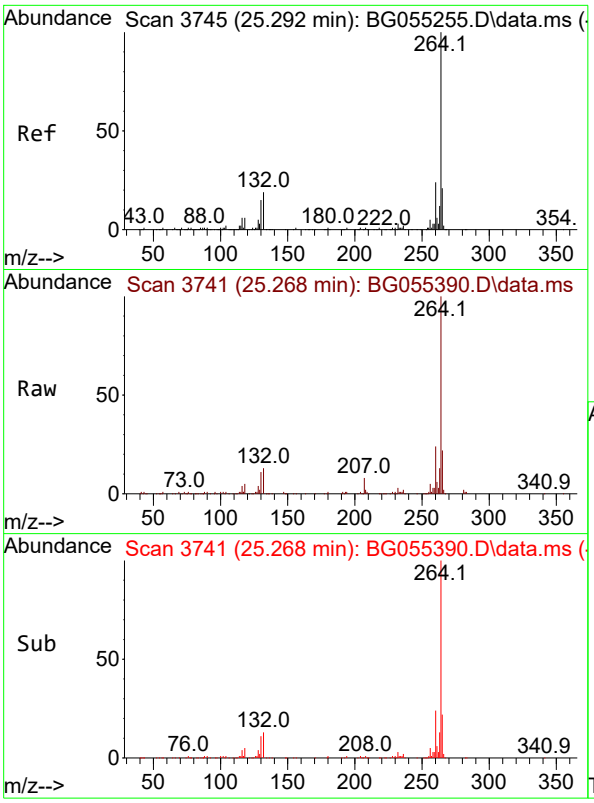


#79
Terphenyl-d14
Concen: 90.257 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Tgt Ion:244 Resp: 911676

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.2	9.6	14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.268 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG055390.D
Acq: 31 Oct 2022 22:42

Instrument :
BNA_G
ClientSampleId :
MH-2-WC

Tgt Ion:264 Resp: 225189

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.2	17.4	26.2