Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058534.D
Acq On : 29 Jul 2023 1:55
Operator : MA/JU
Sample : 03632-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 29 02:59:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	58968	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	251588	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	169602	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	371821	20.000	ng	0.00
76) Chrysene-d12	21.445	240	322249	20.000	ng	0.00
86) Perylene-d12	24.512	264	401005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	219830	56.980	ng	0.00
7) Phenol-d6	7.009	99	181124	33.739	ng	0.03
23) Nitrobenzene-d5	8.978	82	439697	85.856	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	274017	98.571	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	965917	85.348	ng	0.00
79) Terphenyl-d14	19.830	244	1556536	90.834	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.584	42	5338	2.472	ng	# 1
19) n-Nitroso-di-n-propyla...	8.978	70	56216	16.212	ng	# 77
48) 2-Nitroaniline	13.390	65	161407	46.564	ng	# 18
51) 2,6-Dinitrotoluene	14.465	165	21595	7.727	ng	# 24
57) 2,4-Dinitrotoluene	14.465	165	21595	5.573	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	16779	3.979	ng	# 1
77) Benzidine	19.830	184	19530	3.997	ng	# 96

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

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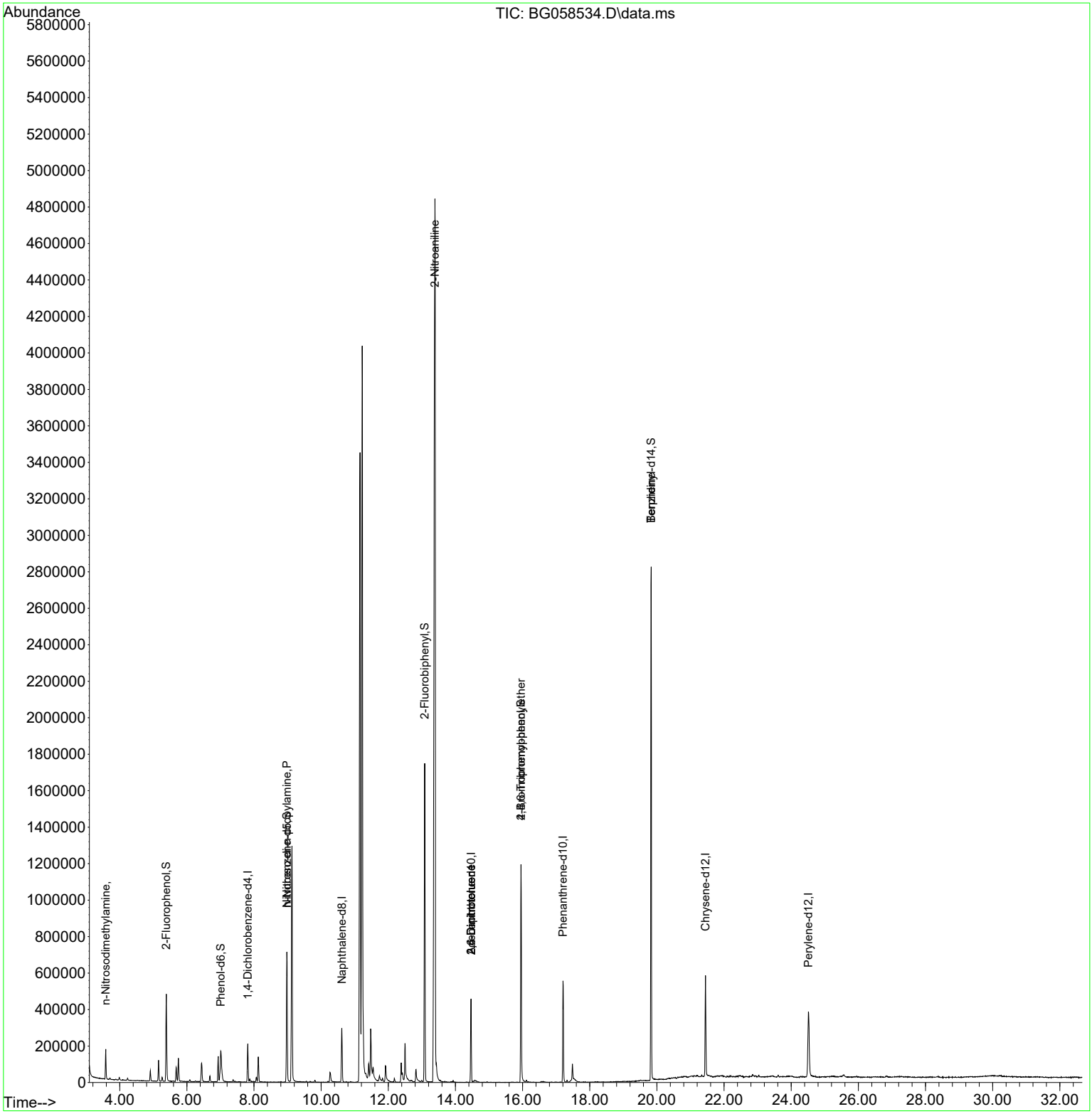
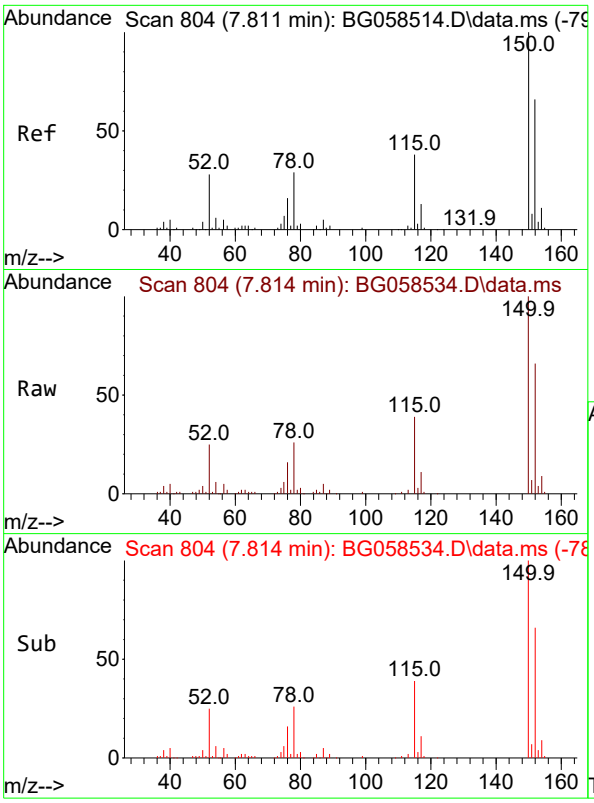


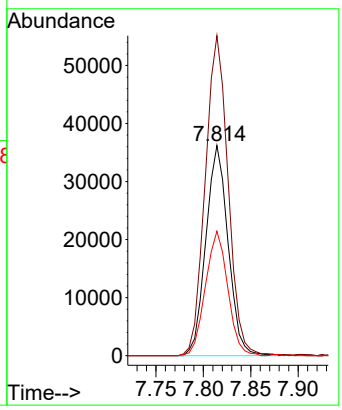


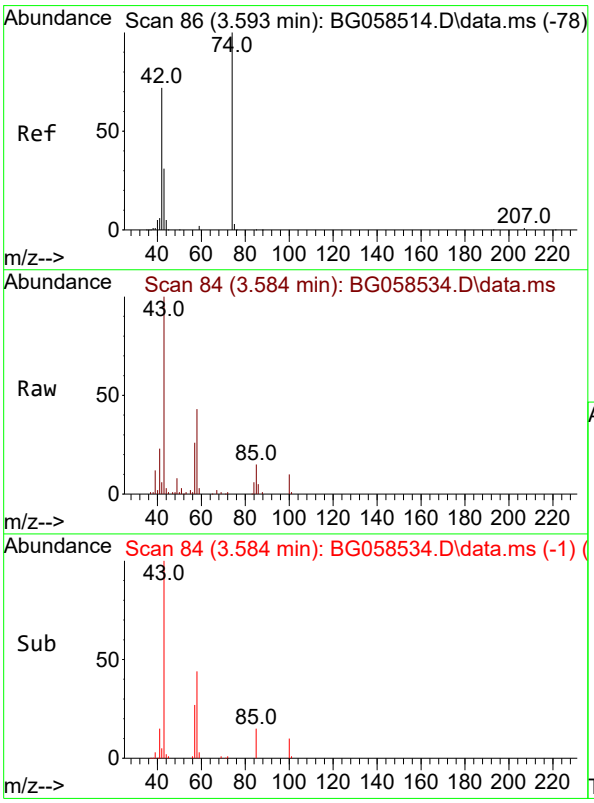
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 8(
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 58968

Ion	Ratio	Lower	Upper
152	100		
150	152.3	120.5	180.7
115	59.2	45.9	68.9

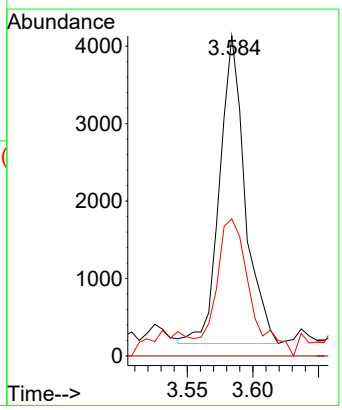


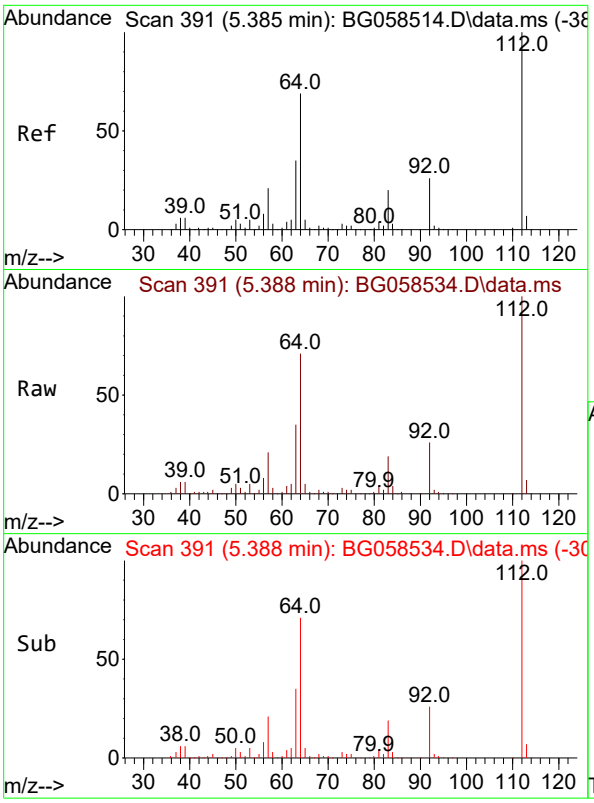


#4
n-Nitrosodimethylamine
Concen: 2.472 ng
RT: 3.584 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion: 42 Resp: 5338

Ion	Ratio	Lower	Upper
42	100		
74	0.0	111.5	167.3#
44	42.8	5.4	8.2#



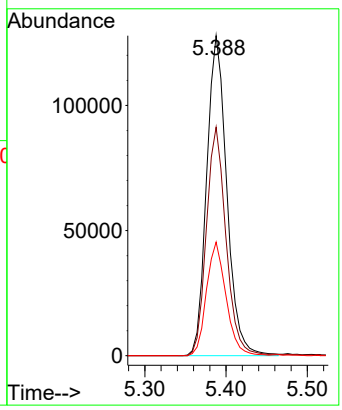


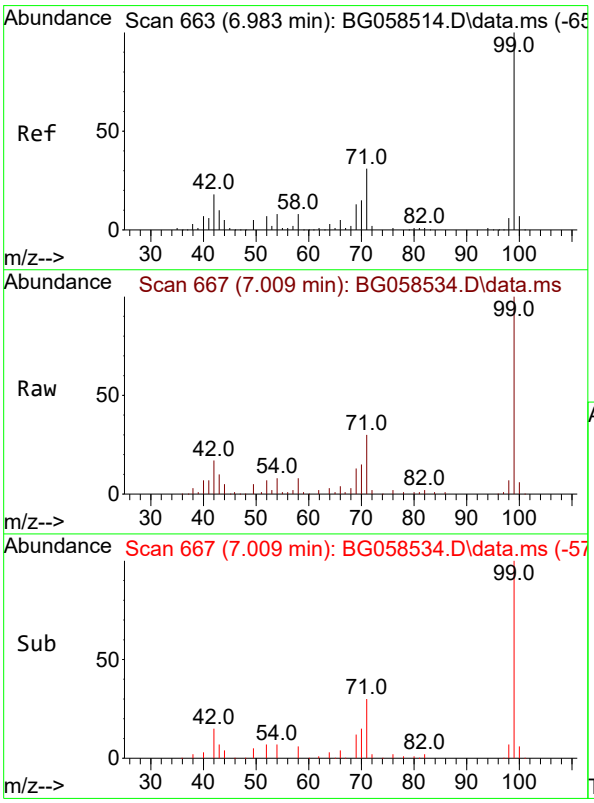
#5
2-Fluorophenol
Concen: 56.980 ng
RT: 5.388 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 219830

Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.3	82.9
63	35.5	28.3	42.5

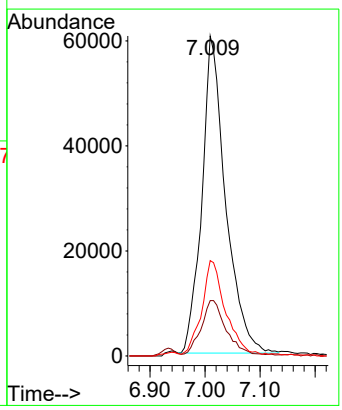


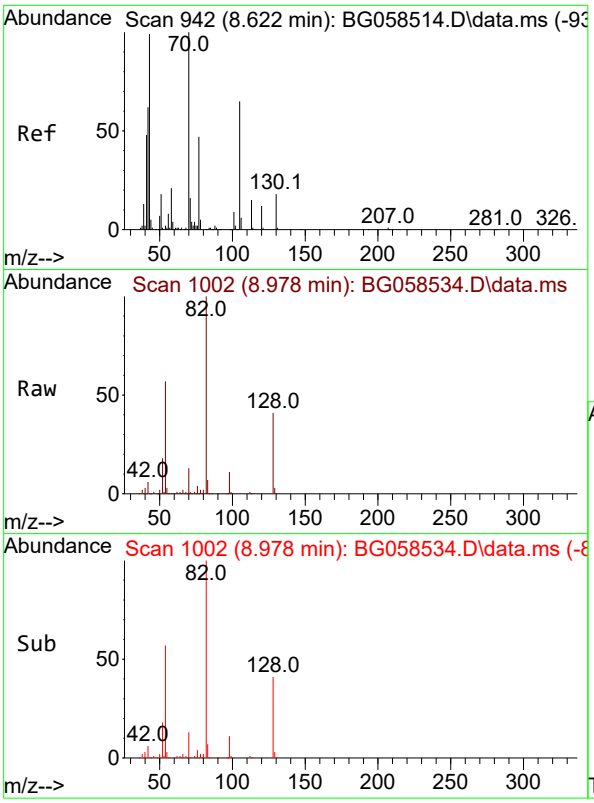


#7
Phenol-d6
Concen: 33.739 ng
RT: 7.009 min Scan# 667
Delta R.T. 0.027 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion: 99 Resp: 181124

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	29.8	25.0	37.4



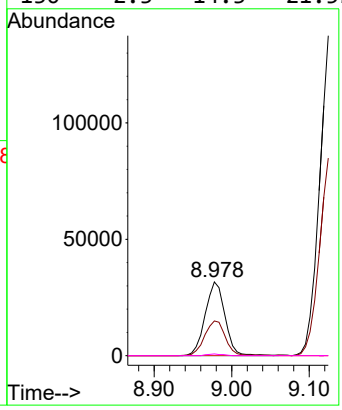


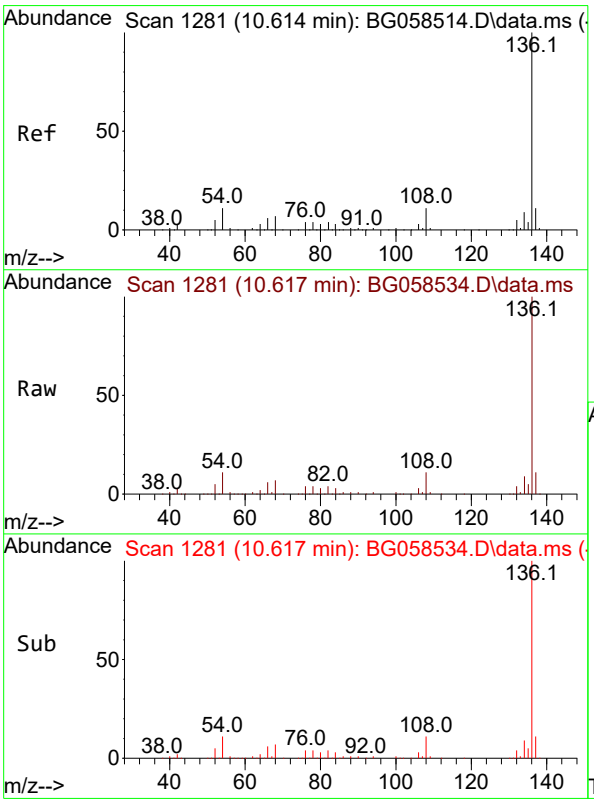
#19
n-Nitroso-di-n-propylamine
Concen: 16.212 ng
RT: 8.978 min Scan# 1
Delta R.T. 0.356 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 56216

Ion	Ratio	Lower	Upper
70	100		
42	47.1	49.7	74.5#
101	0.0	7.0	10.4#
130	2.3	14.3	21.5#

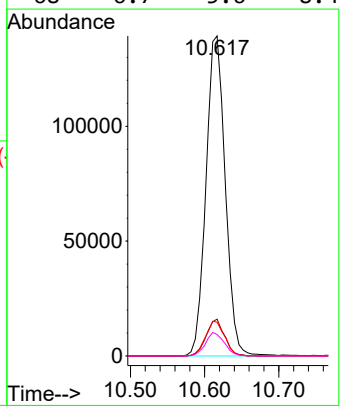


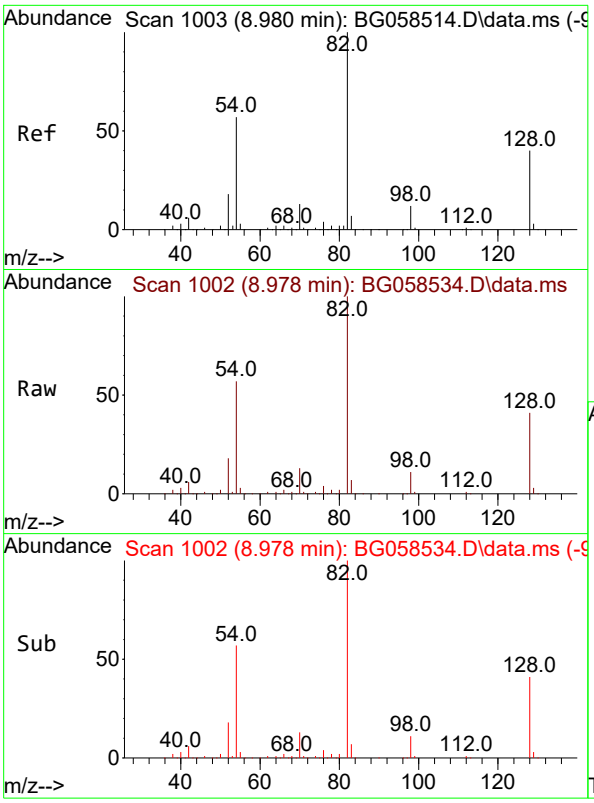


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:136 Resp: 251588

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	10.6	8.9	13.3
68	6.7	5.6	8.4



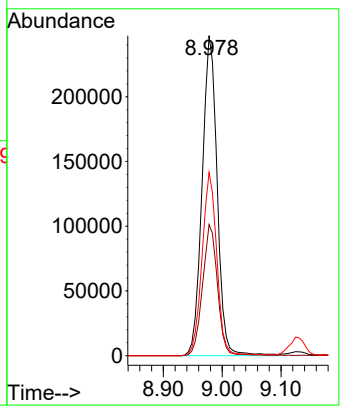


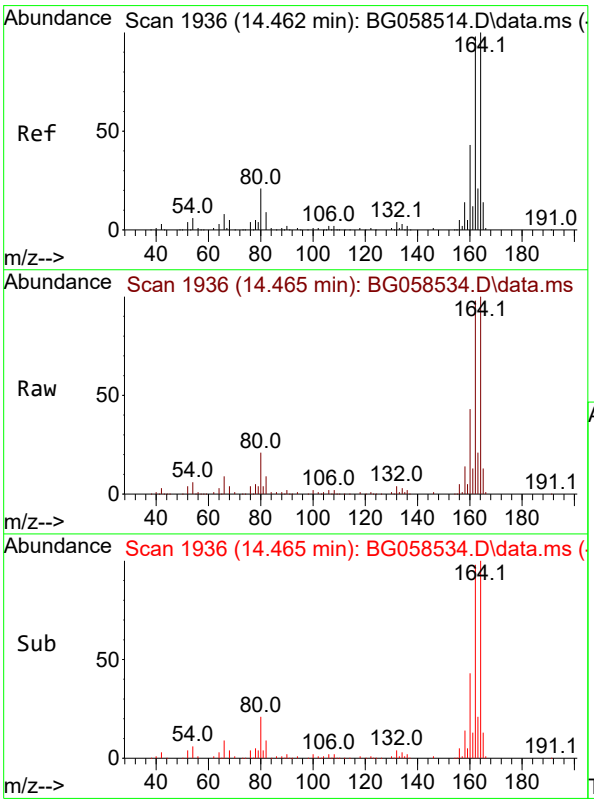
#23
Nitrobenzene-d5
Concen: 85.856 ng
RT: 8.978 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 439697

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.2	48.2
54	57.3	46.0	69.0

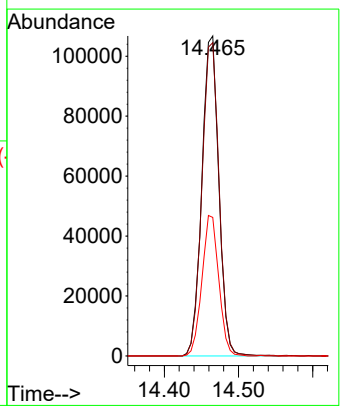


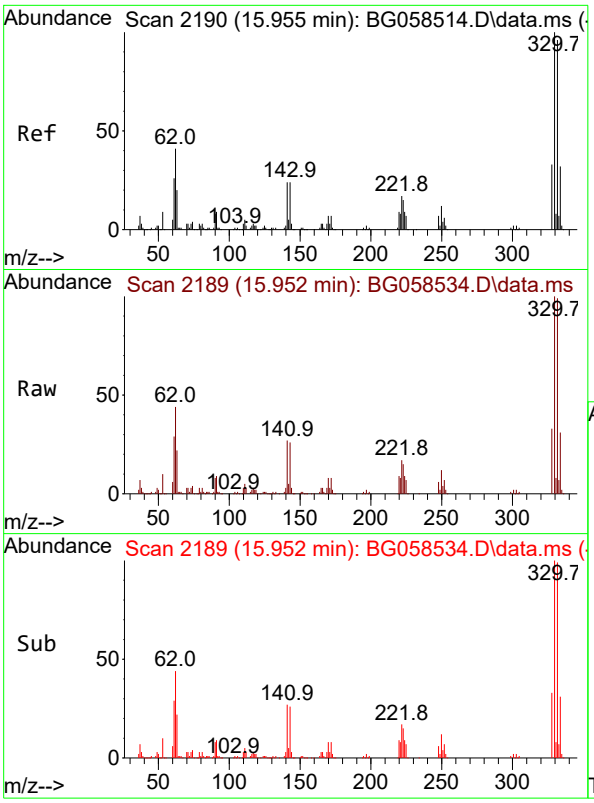


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:164 Resp: 169602

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.3	117.5
160	43.3	34.1	51.1



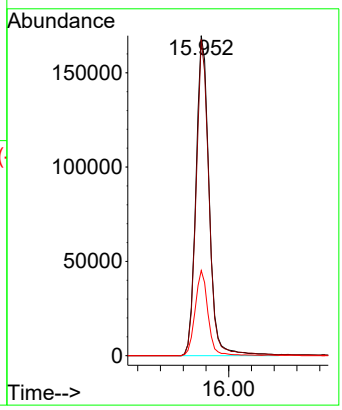


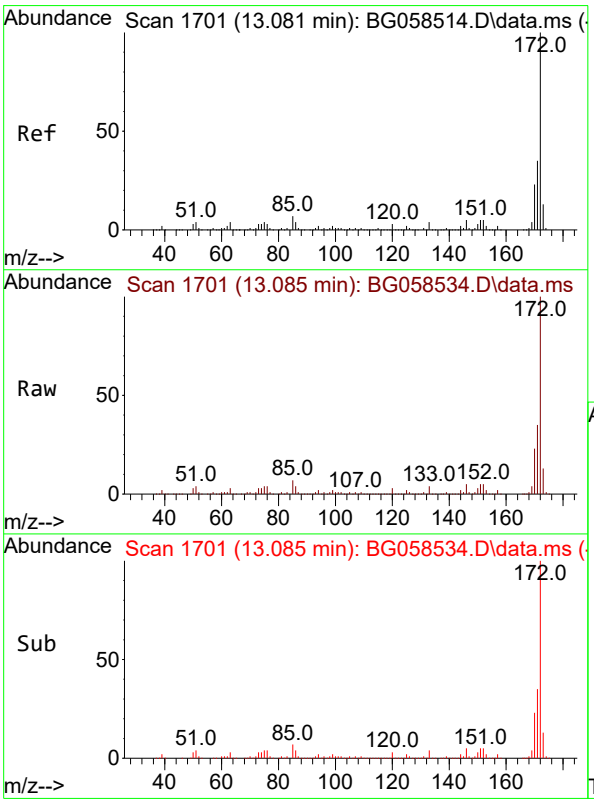
#42
2,4,6-Tribromophenol
Concen: 98.571 ng
RT: 15.952 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 274017

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	26.0	20.7	31.1

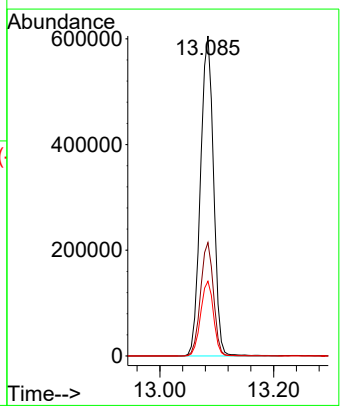


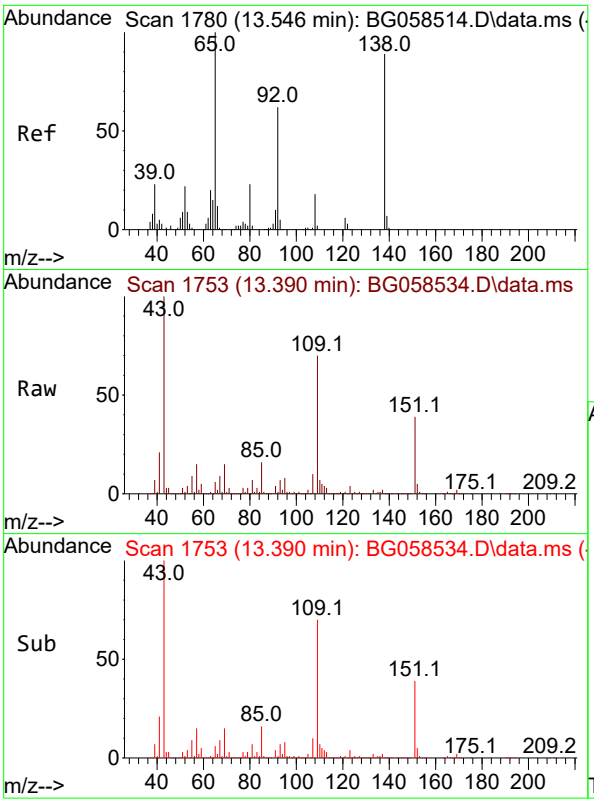


#45
2-Fluorobiphenyl
Concen: 85.348 ng
RT: 13.085 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:172 Resp: 965917

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	23.4	18.4	27.6



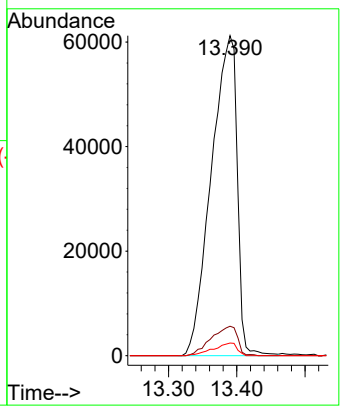


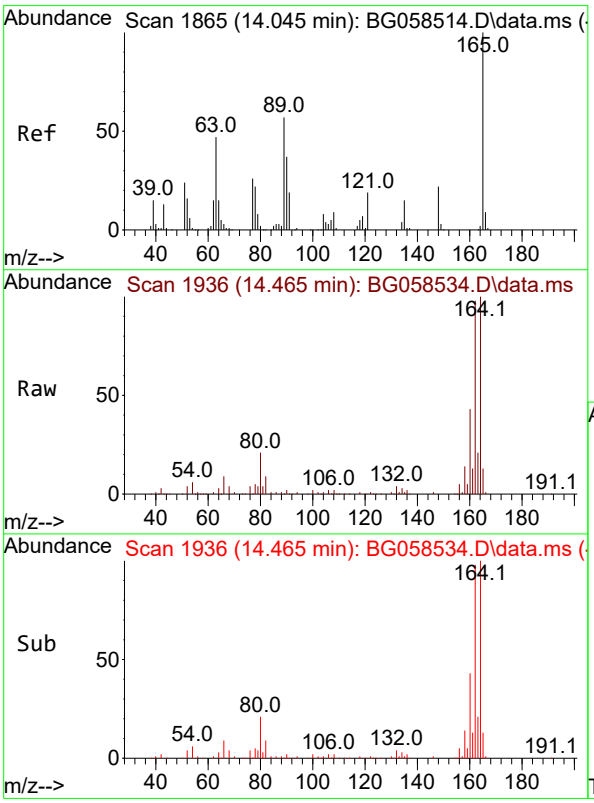
#48
2-Nitroaniline
Concen: 46.564 ng
RT: 13.390 min Scan# 1
Delta R.T. -0.156 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 161407

Ion	Ratio	Lower	Upper
65	100		
92	9.2	49.2	73.8#
138	3.9	71.5	107.3#

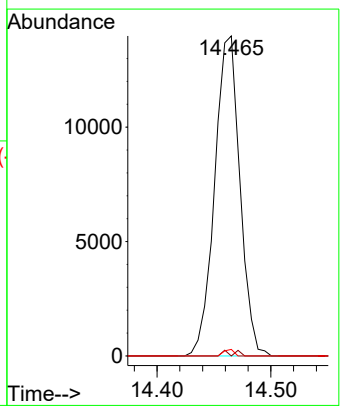


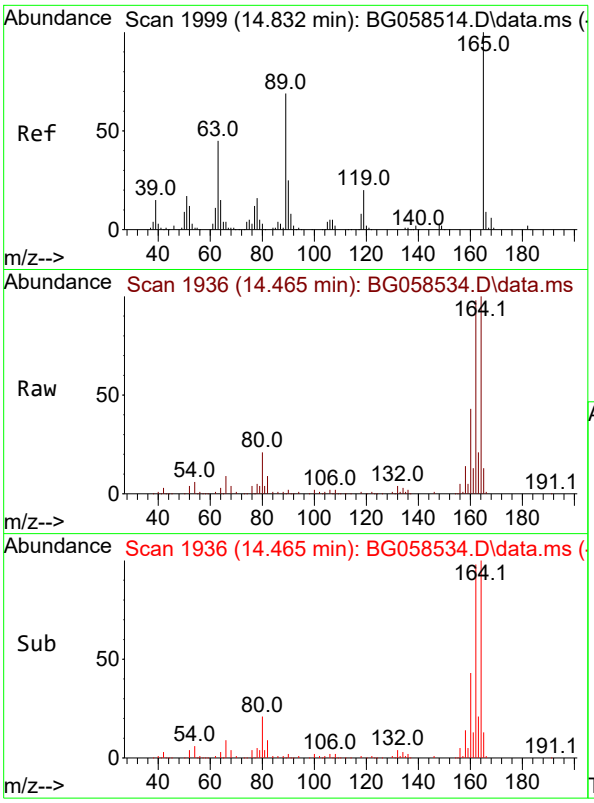


#51
2,6-Dinitrotoluene
Concen: 7.727 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:165 Resp: 21595

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.4	69.6#
89	2.0	45.3	67.9#



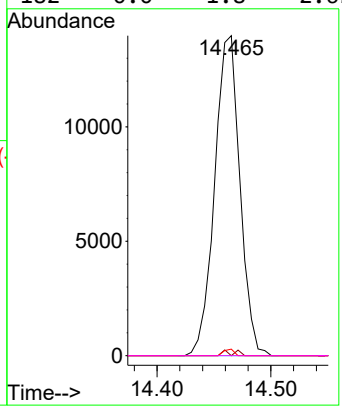


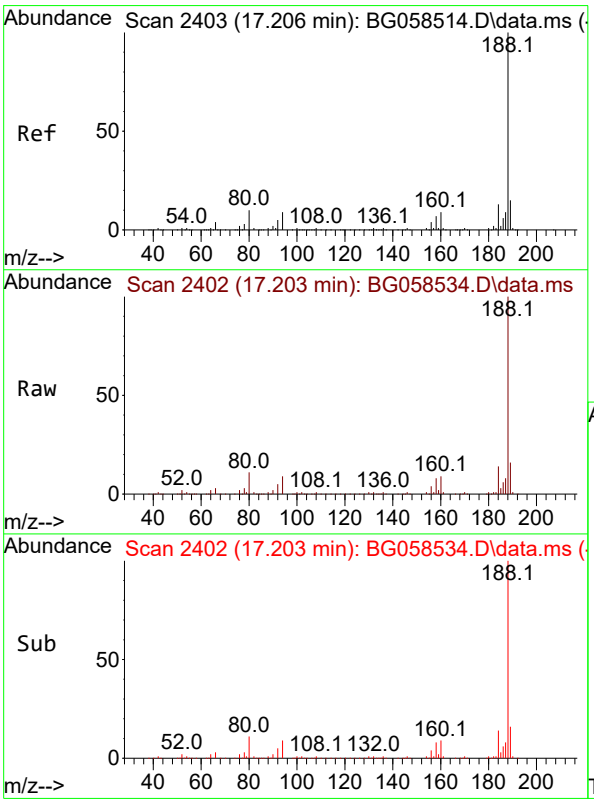
#57
2,4-Dinitrotoluene
Concen: 5.573 ng
RT: 14.465 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21595

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.6	54.8#
89	2.0	55.4	83.0#
182	0.0	1.8	2.6#

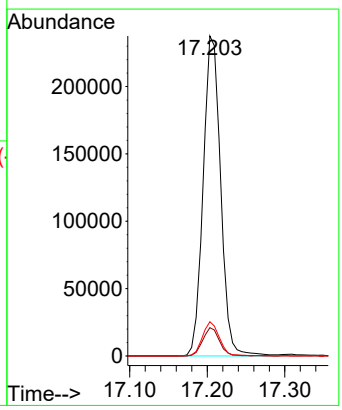


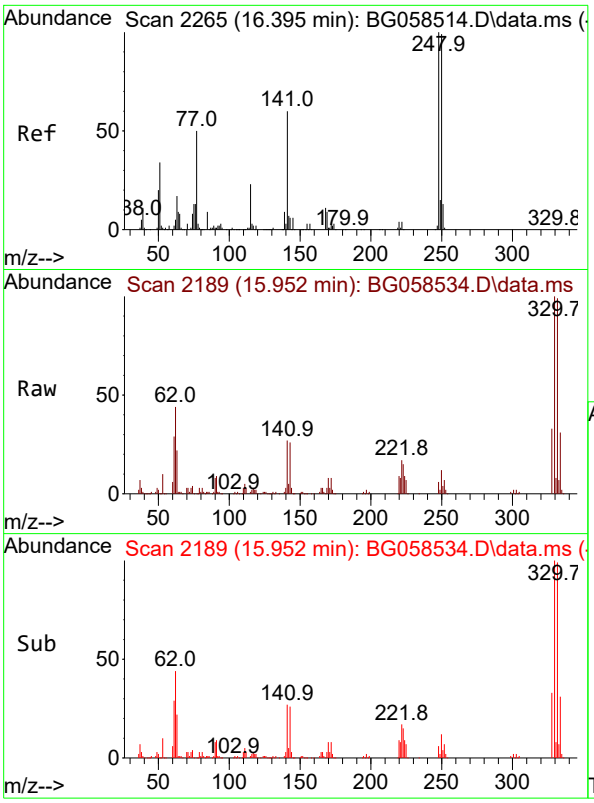


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:188 Resp: 371821

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	10.7	8.1	12.1



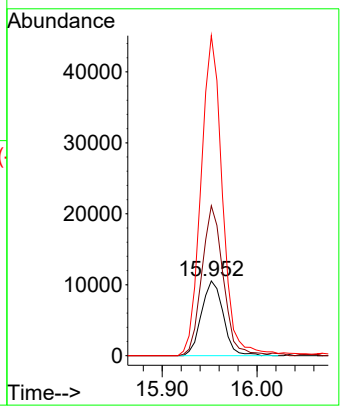


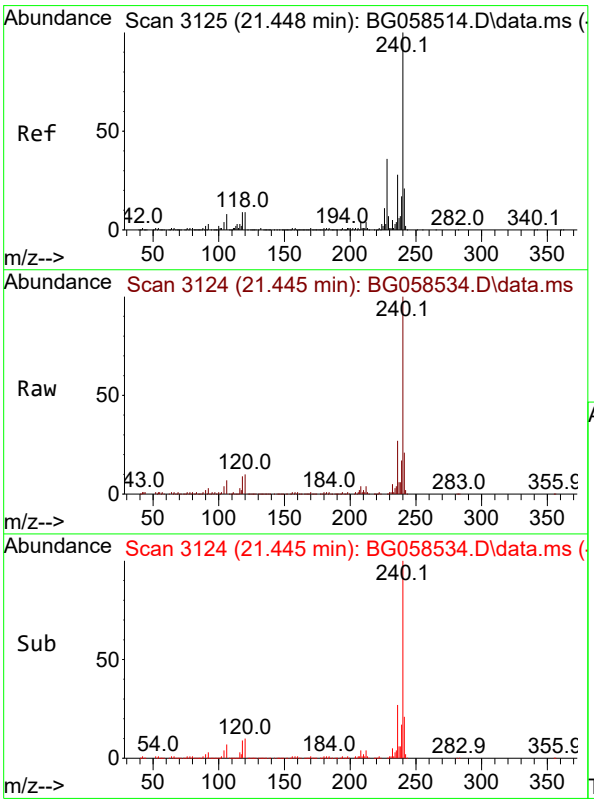
#67
4-Bromophenyl-phenylether
Concen: 3.979 ng
RT: 15.952 min Scan# 2
Delta R.T. -0.443 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16779

Ion	Ratio	Lower	Upper
248	100		
250	200.5	79.5	119.3#
141	427.8	48.2	72.2#

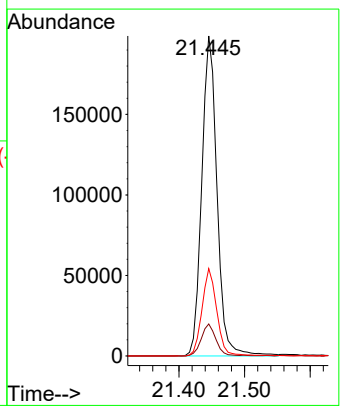


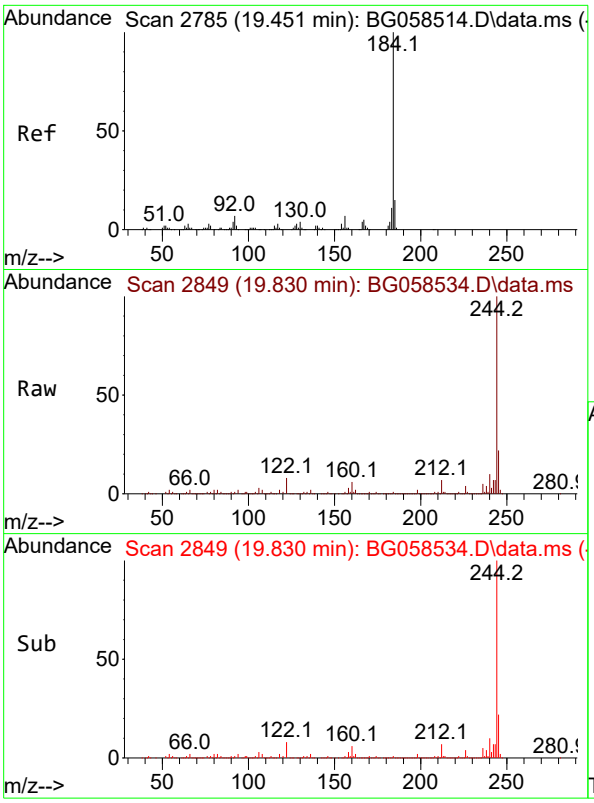


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:240 Resp: 322249

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.4	11.0
236	27.3	22.2	33.4



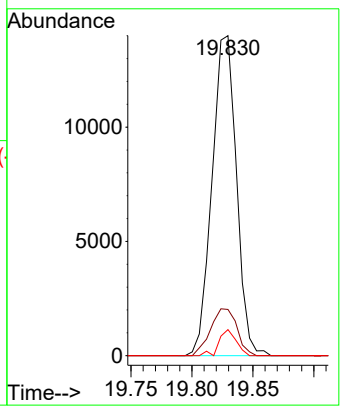


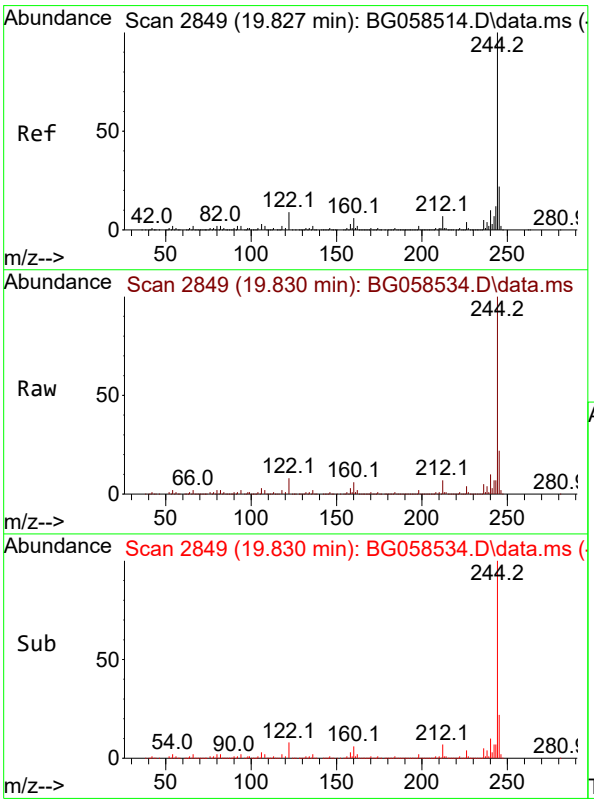
#77
Benzidine
Concen: 3.997 ng
RT: 19.830 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19530

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.9	17.9
183	8.2	8.7	13.1#

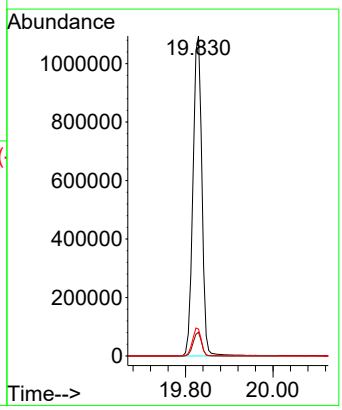


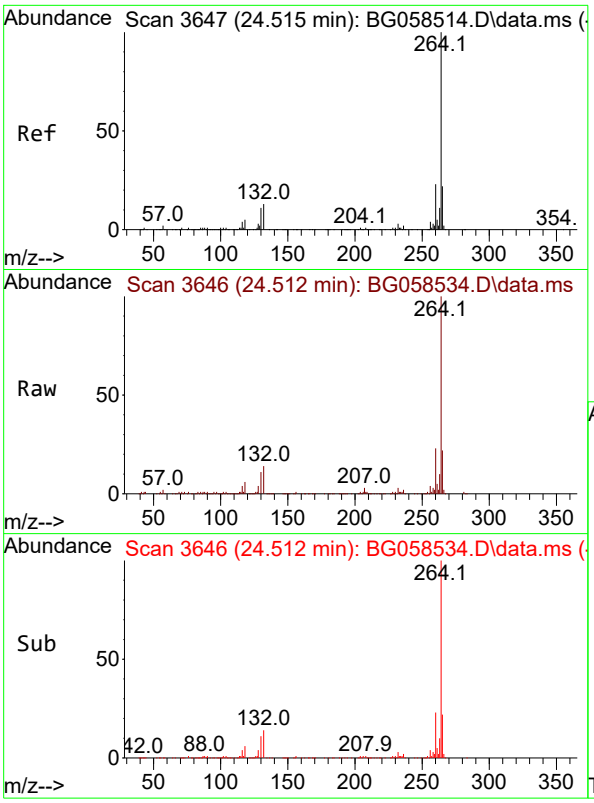


#79
Terphenyl-d14
Concen: 90.834 ng
RT: 19.830 min Scan# 2849
Delta R.T. 0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Tgt Ion:244 Resp: 1556536

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	8.4	6.8	10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG058534.D
Acq: 29 Jul 2023 1:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 401005

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.1	17.9	26.9