Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058595.D
Acq On : 3 Aug 2023 16:21
Operator : MA/JU
Sample : 03860-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 03 16:57:12 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	7.813	152	47757	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	201601	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	141098	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	317803	20.000	ng	0.00
76) Chrysene-d12	21.445	240	278097	20.000	ng	0.00
86) Perylene-d12	24.517	264	344873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	297471	95.205	ng	0.00
7) Phenol-d6	6.985	99	417797	96.096	ng	0.00
23) Nitrobenzene-d5	8.977	82	249227	60.731	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	194952	84.296	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	590666	62.734	ng	0.00
79) Terphenyl-d14	19.823	244	971936	65.724	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.977	70	31541	11.231	ng	# 77
51) 2,6-Dinitrotoluene	14.459	165	18484	7.950	ng	# 23
56) 4-Nitrophenol	14.870	139	59	3.358	ng	# 3
57) 2,4-Dinitrotoluene	14.459	165	18484	5.734	ng	# 24
67) 4-Bromophenyl-phenylether	15.951	248	11723	3.252	ng	# 1
77) Benzidine	19.823	184	11732	2.782	ng	# 88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
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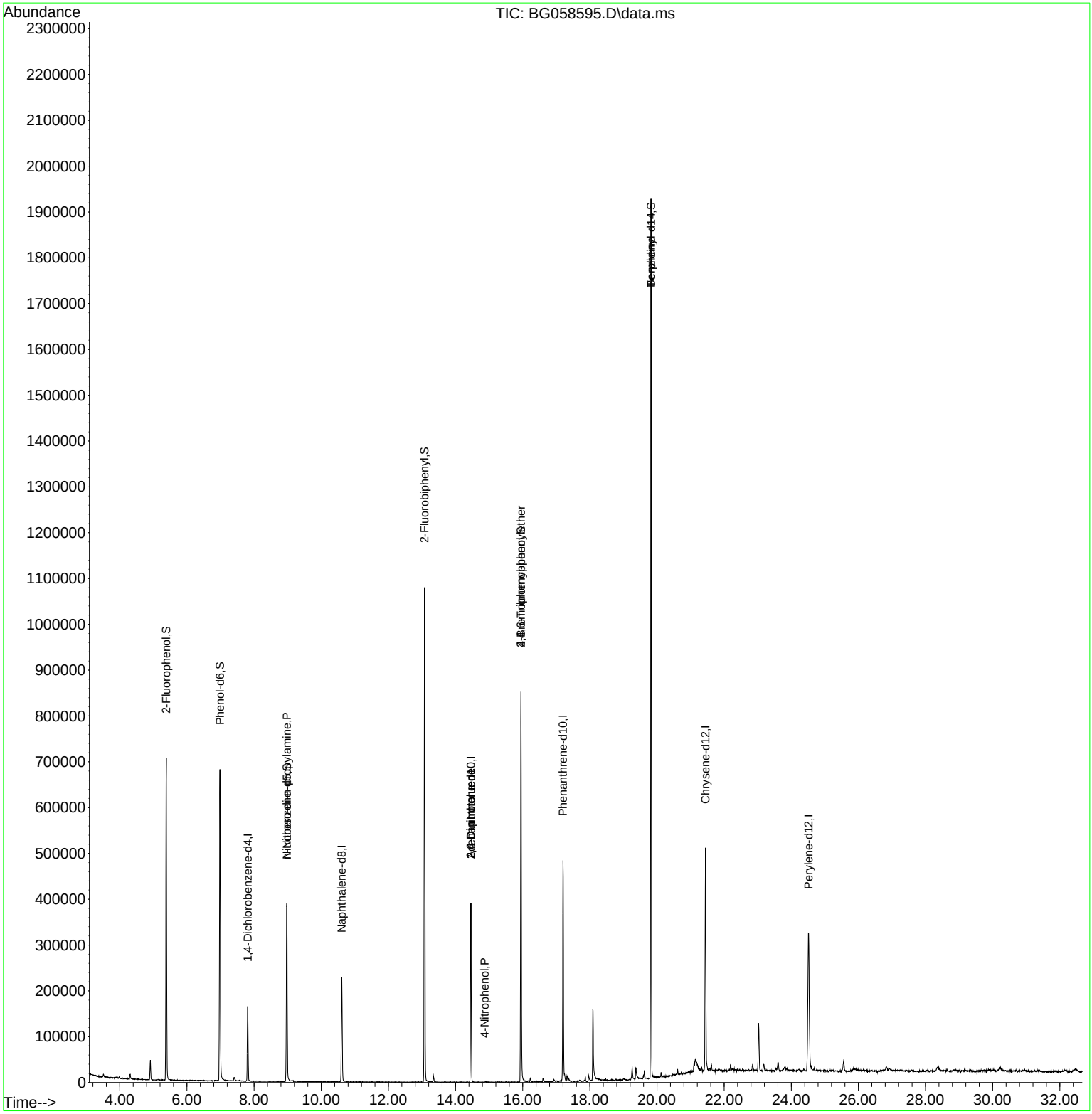
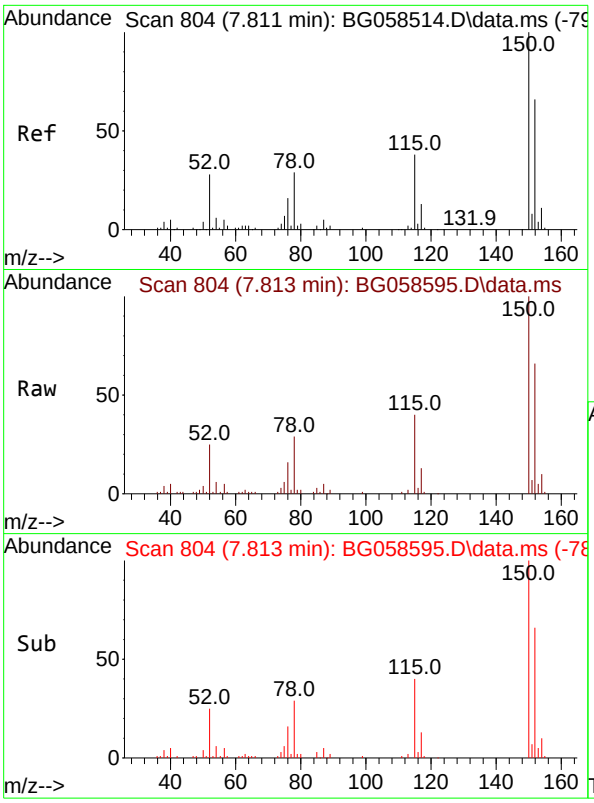
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration



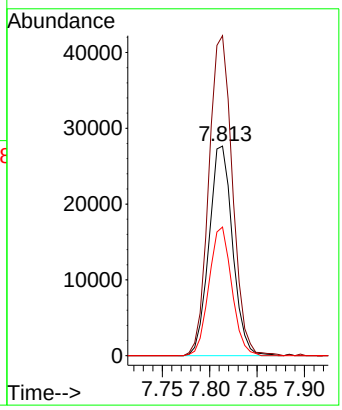


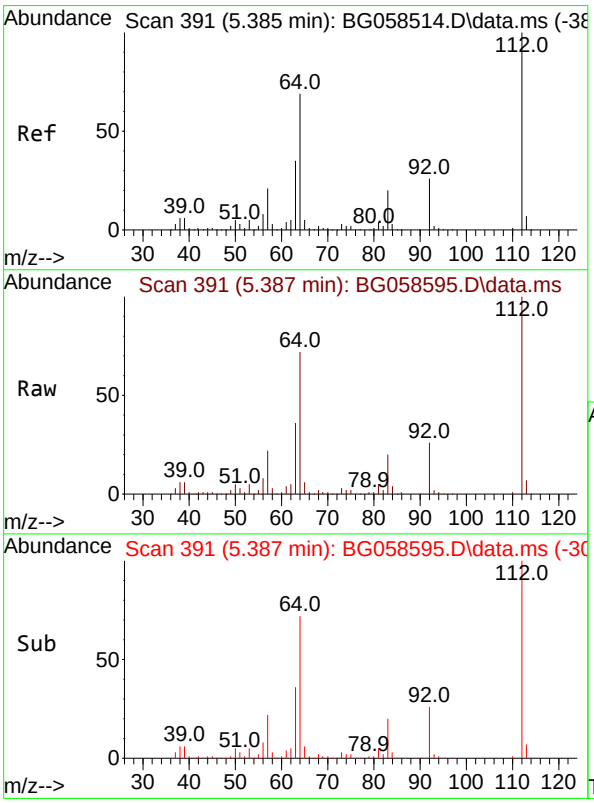
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 8(
Delta R.T. 0.002 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47757

Ion	Ratio	Lower	Upper
152	100		
150	152.6	120.5	180.7
115	61.4	45.9	68.9

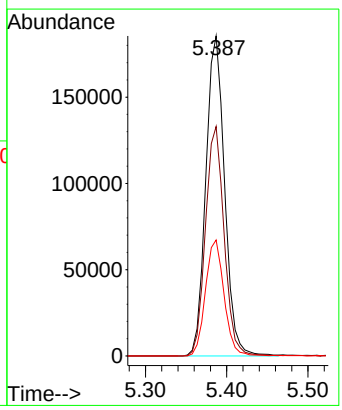


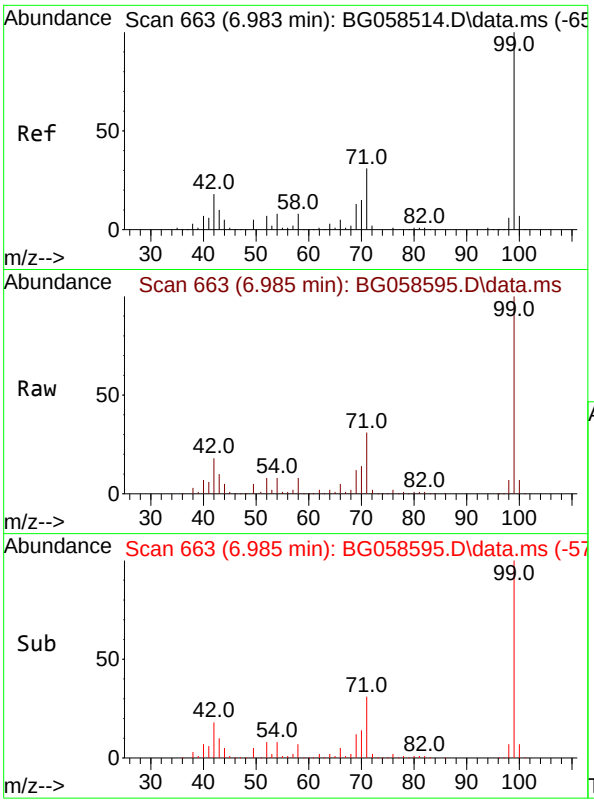


#5
2-Fluorophenol
Concen: 95.205 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion:112 Resp: 297471

Ion	Ratio	Lower	Upper
112	100		
64	71.7	55.3	82.9
63	36.3	28.3	42.5



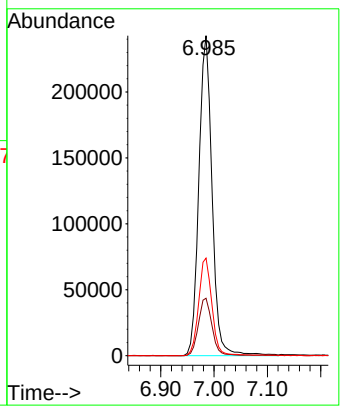


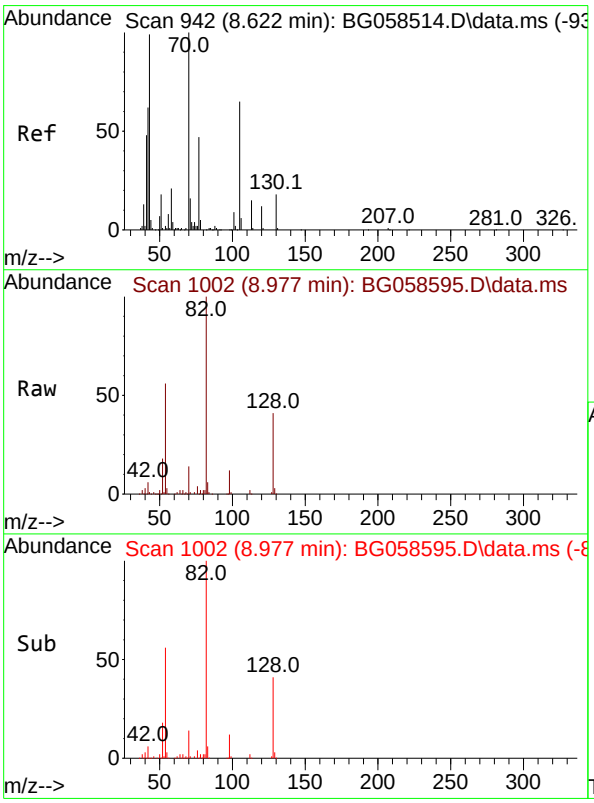
#7
Phenol-d6
Concen: 96.096 ng
RT: 6.985 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 417797

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	30.5	25.0	37.4

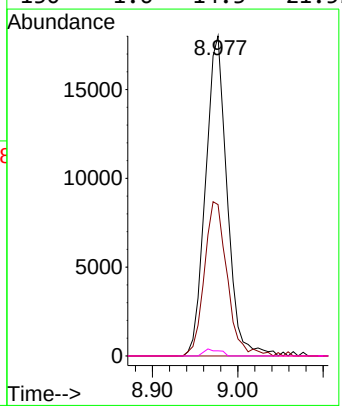


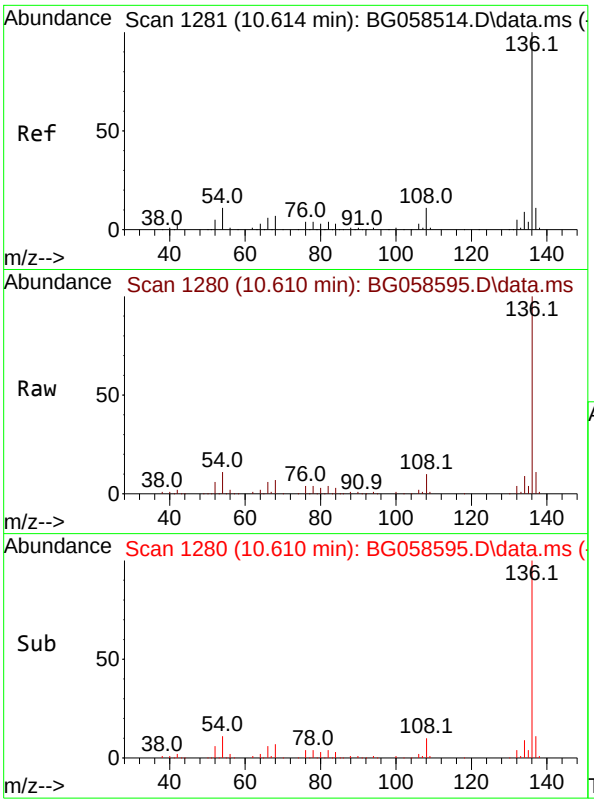


#19
n-Nitroso-di-n-propylamine
Concen: 11.231 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion: 70 Resp: 31541

Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.7	74.5#
101	0.0	7.0	10.4#
130	1.6	14.3	21.5#



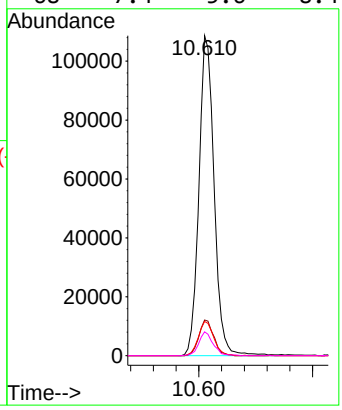


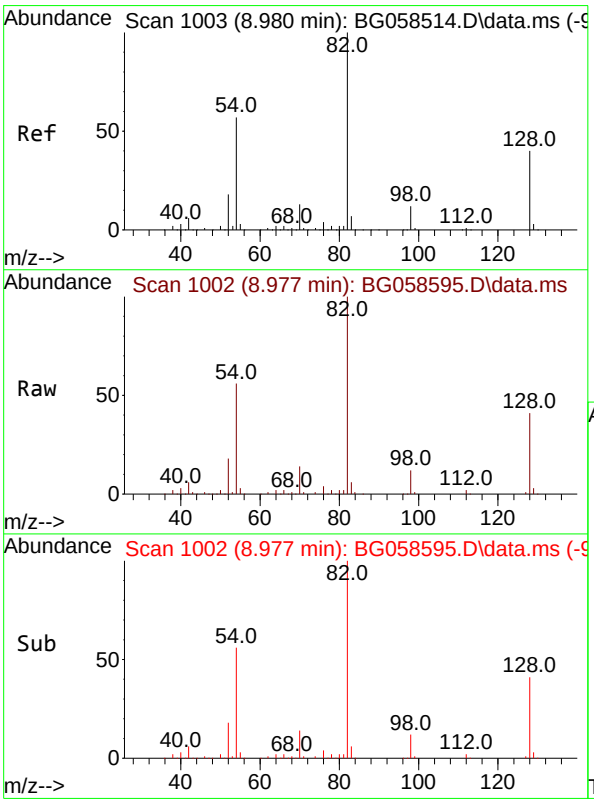
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 201601

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.7	8.9	13.3
68	7.4	5.6	8.4

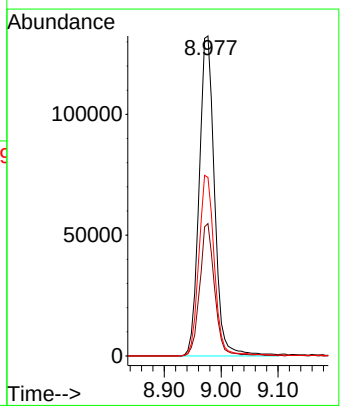


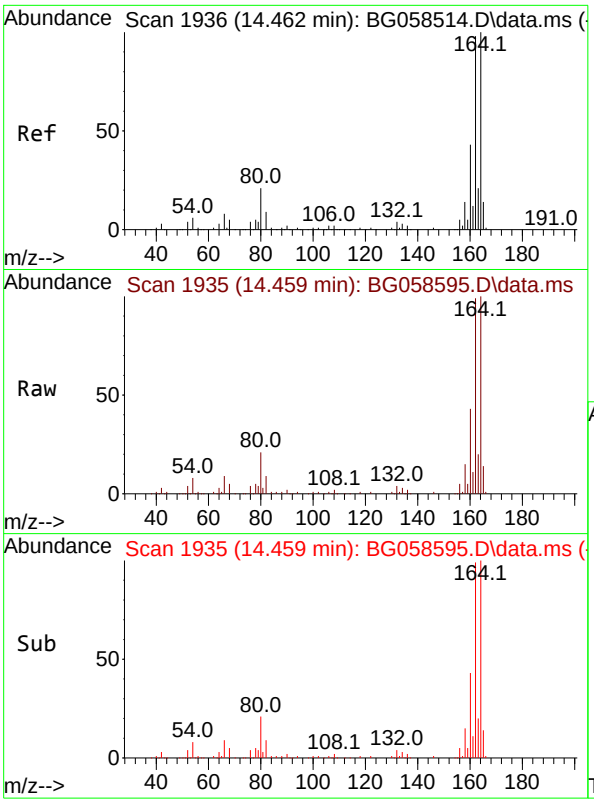


#23
Nitrobenzene-d5
Concen: 60.731 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion: 82 Resp: 249227

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.2
54	55.8	46.0	69.0



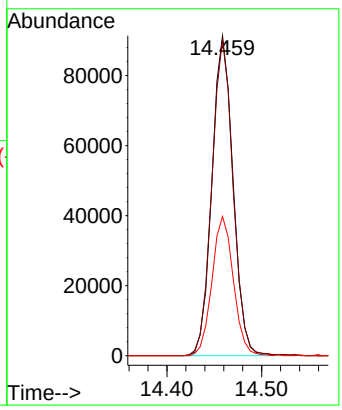


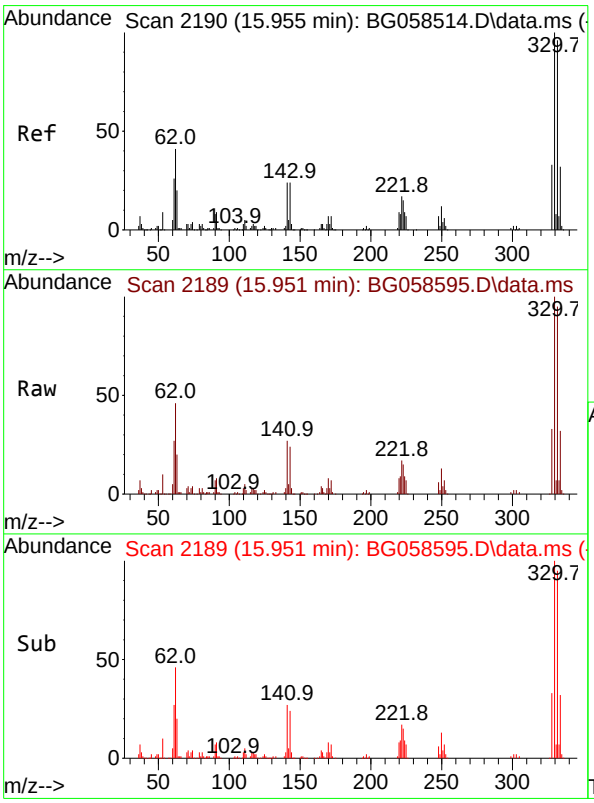
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 141098

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.3	117.5
160	43.5	34.1	51.1

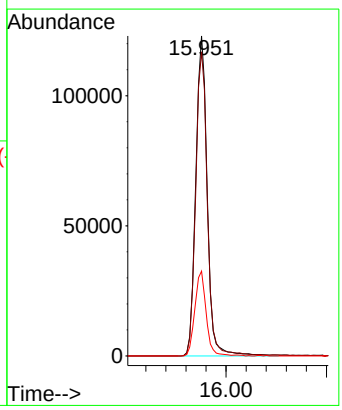


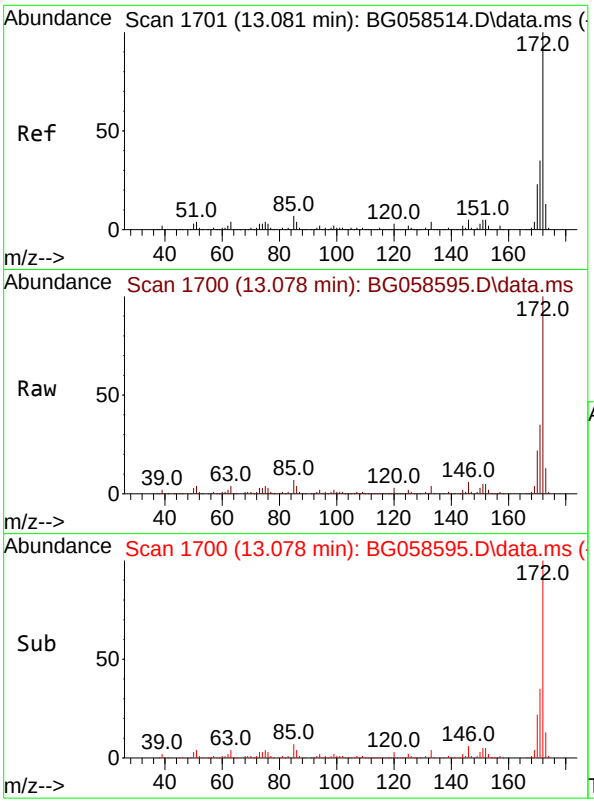


#42
2,4,6-Tribromophenol
Concen: 84.296 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion:330 Resp: 194952

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	26.0	20.7	31.1



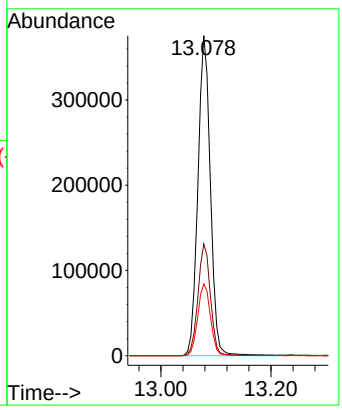


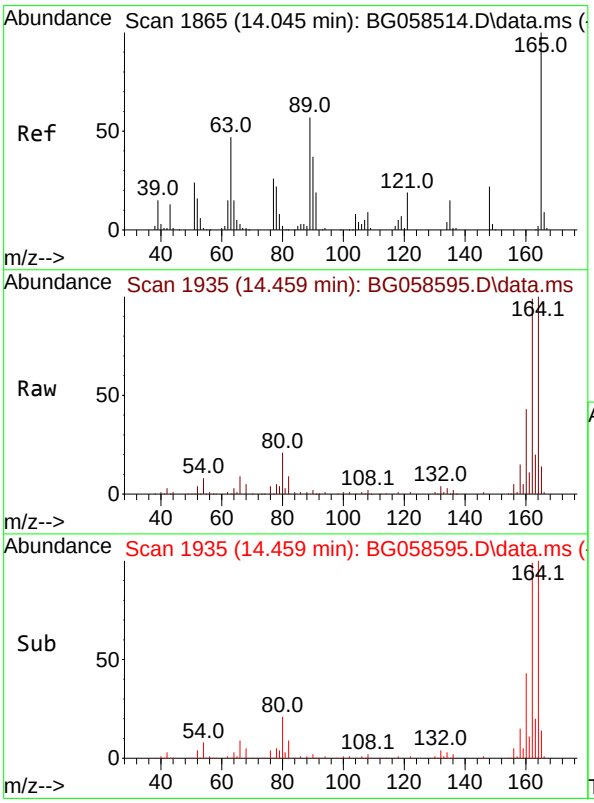
#45
2-Fluorobiphenyl
Concen: 62.734 ng
RT: 13.078 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 590666

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	22.5	18.4	27.6

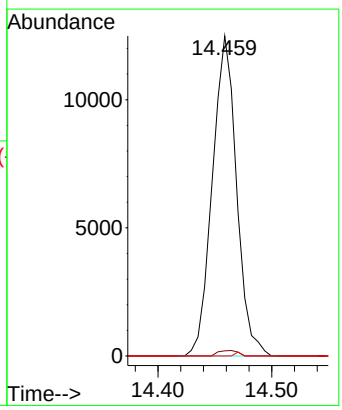


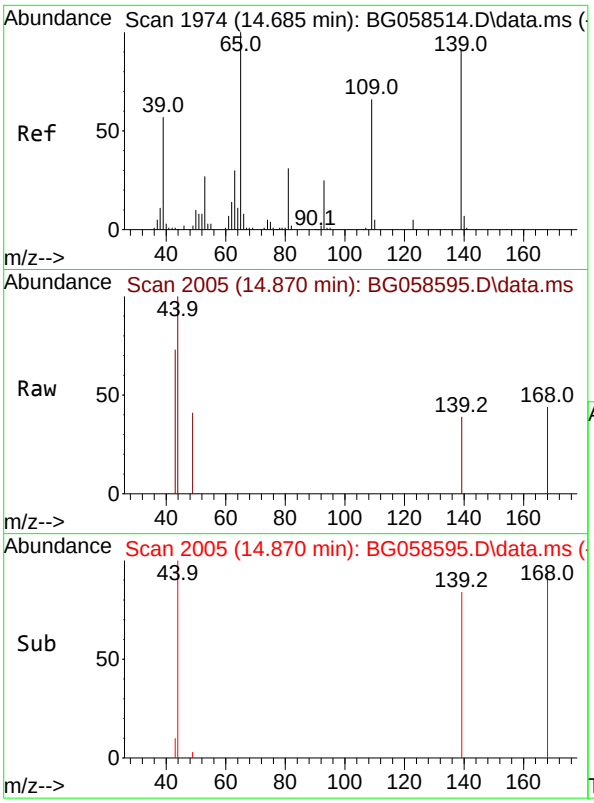


#51
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion:165 Resp: 18484

Ion	Ratio	Lower	Upper
165	100		
63	1.6	46.4	69.6#
89	0.0	45.3	67.9#



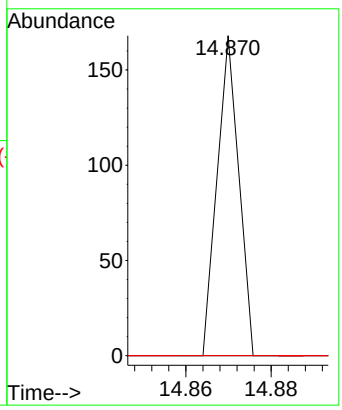


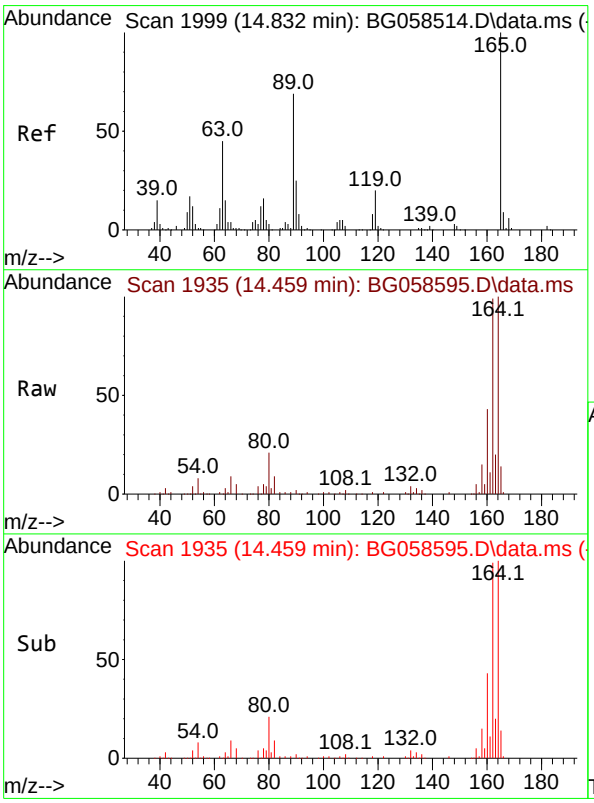
#56
4-Nitrophenol
Concen: 3.358 ng
RT: 14.870 min Scan# 2
Delta R.T. 0.185 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 59

Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.5	92.5#
65	0.0	90.5	130.5#

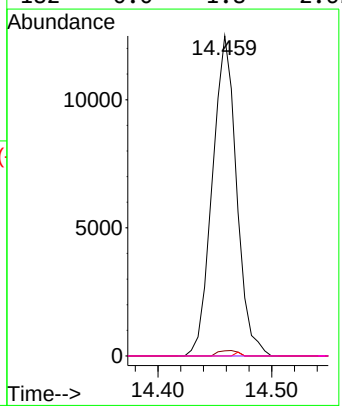


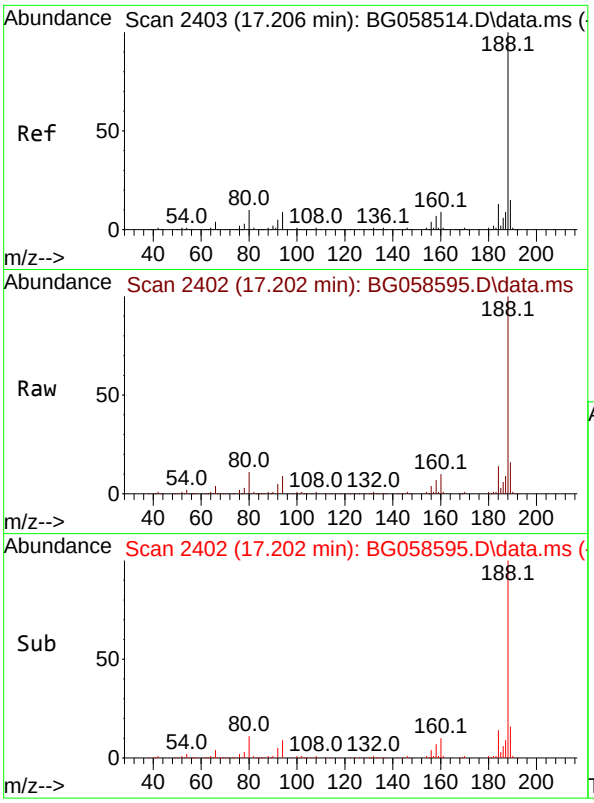


#57
2,4-Dinitrotoluene
Concen: 5.734 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.373 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion:165 Resp: 18484

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.6	54.8#
89	0.0	55.4	83.0#
182	0.0	1.8	2.6#



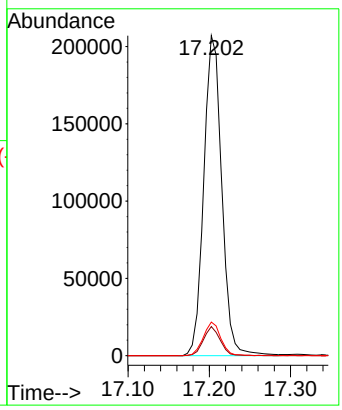


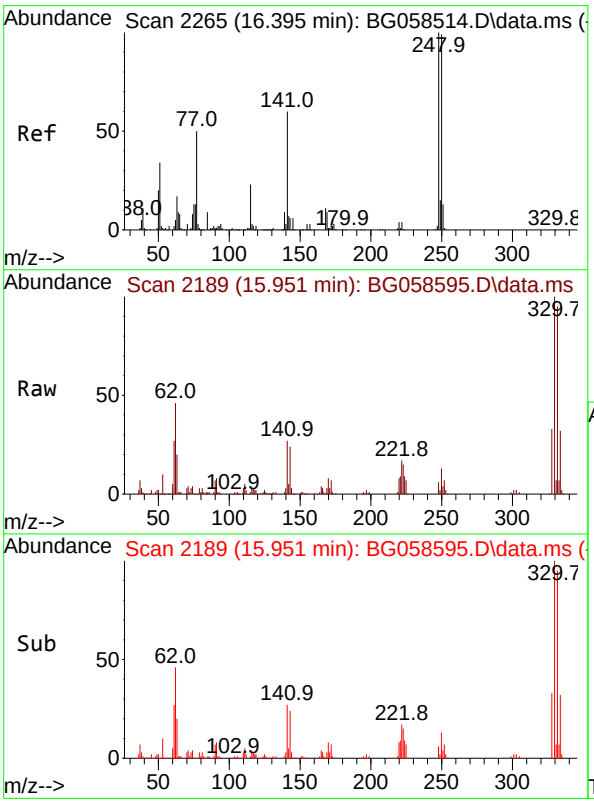
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 317803

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	10.5	8.1	12.1

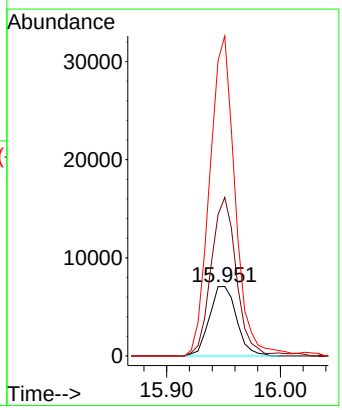


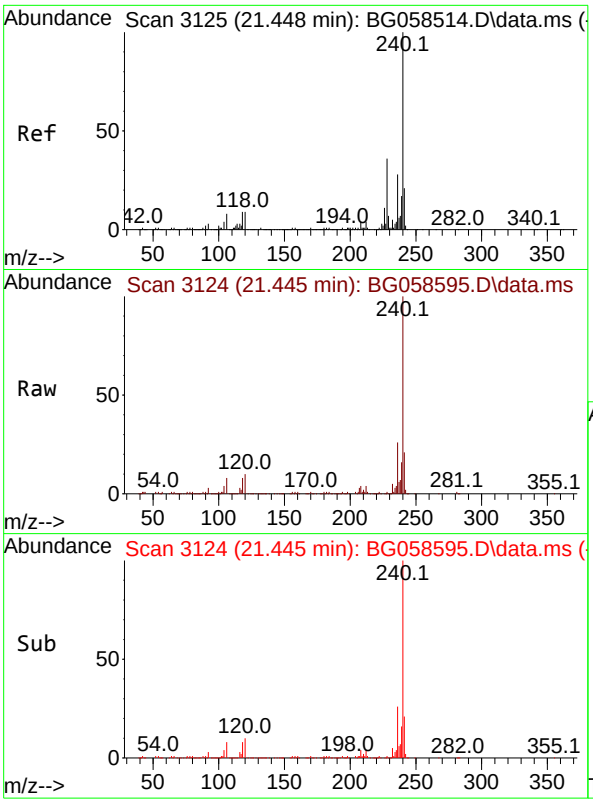


#67
4-Bromophenyl-phenylether
Concen: 3.252 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.444 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion:248 Resp: 11723

Ion	Ratio	Lower	Upper
248	100		
250	228.4	79.5	119.3#
141	461.0	48.2	72.2#



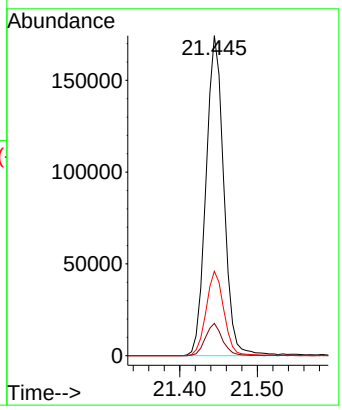


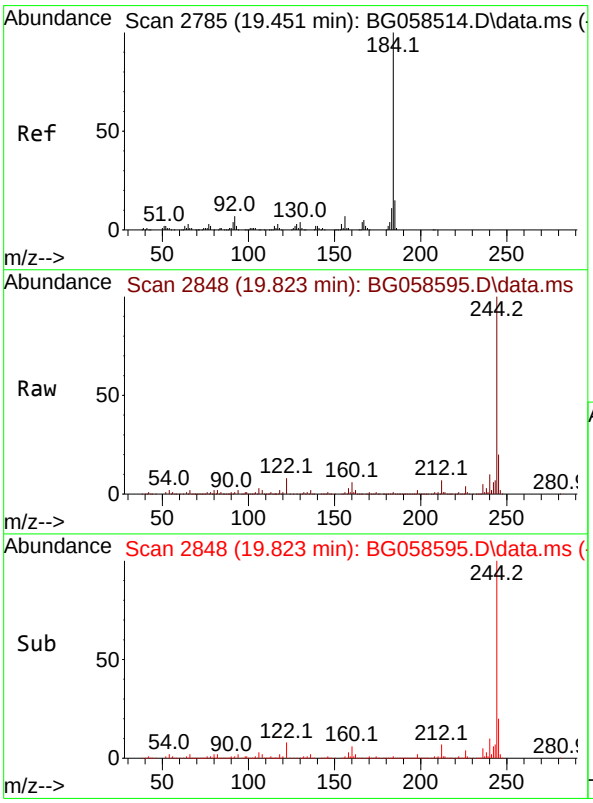
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 278097

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.4	11.0
236	26.4	22.2	33.4

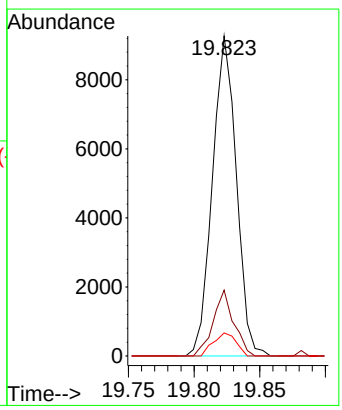


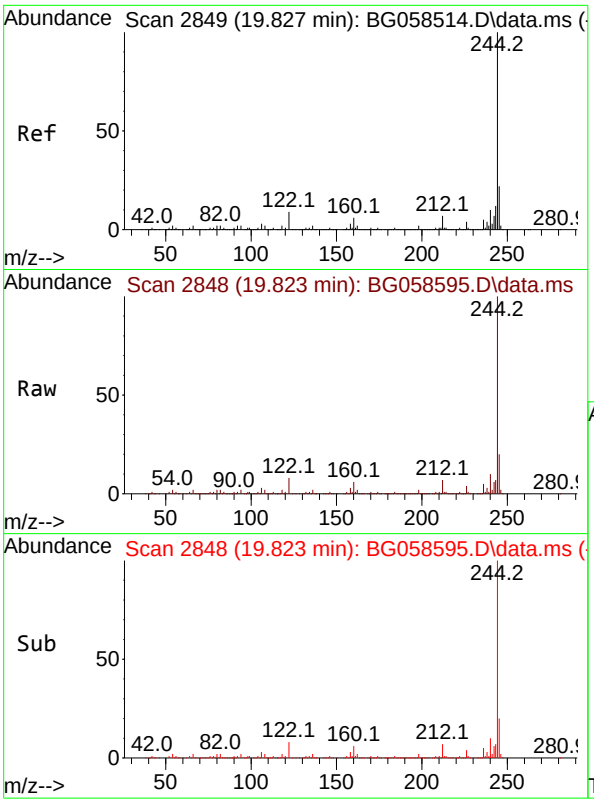


#77
Benzidine
Concen: 2.782 ng
RT: 19.823 min Scan# 2848
Delta R.T. 0.372 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion:184 Resp: 11732

Ion	Ratio	Lower	Upper
184	100		
185	20.6	11.9	17.9#
183	7.2	8.7	13.1#



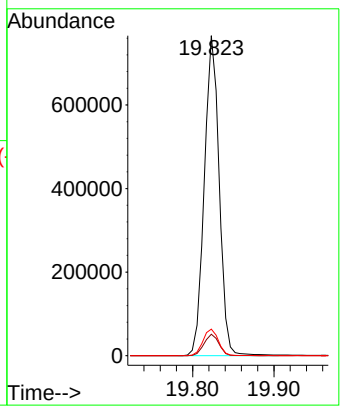


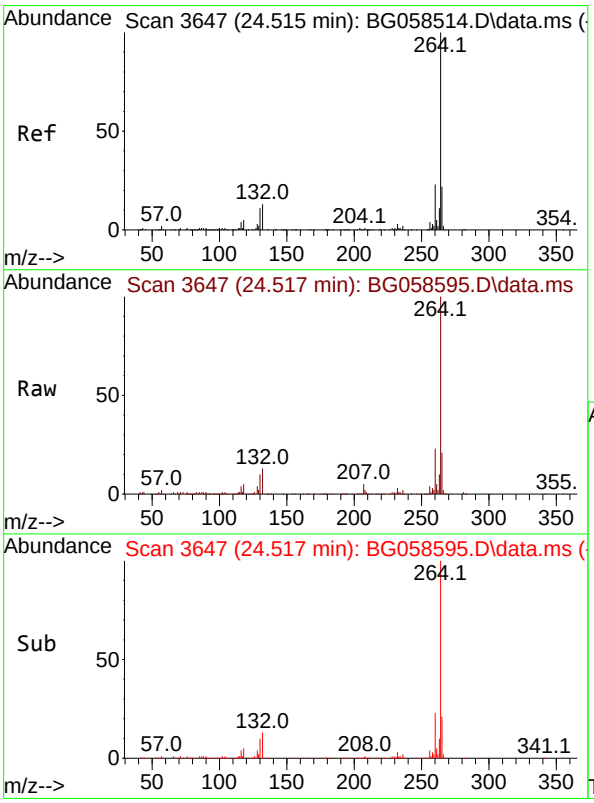
#79
Terphenyl-d14
Concen: 65.724 ng
RT: 19.823 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 971936

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	8.3	6.8	10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.517 min Scan# 3647
Delta R.T. 0.002 min
Lab File: BG058595.D
Acq: 3 Aug 2023 16:21

Tgt Ion:264 Resp: 344873

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.0	17.9	26.9