Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058900.D
Acq On : 30 Aug 2023 17:49
Operator : MA/JU
Sample : PB155191BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Quant Time: Aug 31 01:40:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 01:27:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.759	152	12004	20.000	ng	0.00
21) Naphthalene-d8	10.561	136	55789	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	47764	20.000	ng	0.00
64) Phenanthrene-d10	17.160	188	130025	20.000	ng	0.00
76) Chrysene-d12	21.396	240	106034	20.000	ng	-0.01
86) Perylene-d12	24.433	264	127560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.326	112	115972	155.472	ng	0.00
7) Phenol-d6	6.936	99	164777	157.447	ng	0.00
23) Nitrobenzene-d5	8.922	82	100144	86.302	ng	0.00
42) 2,4,6-Tribromophenol	15.908	330	122724	163.866	ng	0.00
45) 2-Fluorobiphenyl	13.029	172	275557	83.910	ng	0.00
79) Terphenyl-d14	19.786	244	602099	101.960	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.922	70	13850	20.473	ng	# 76
51) 2,6-Dinitrotoluene	14.410	165	5698	7.334	ng	# 22
57) 2,4-Dinitrotoluene	14.410	165	5698	5.258	ng	# 19
67) 4-Bromophenyl-phenylether	15.908	248	7441	5.215	ng	# 1
77) Benzidine	19.786	184	9101	4.789	ng	# 95

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

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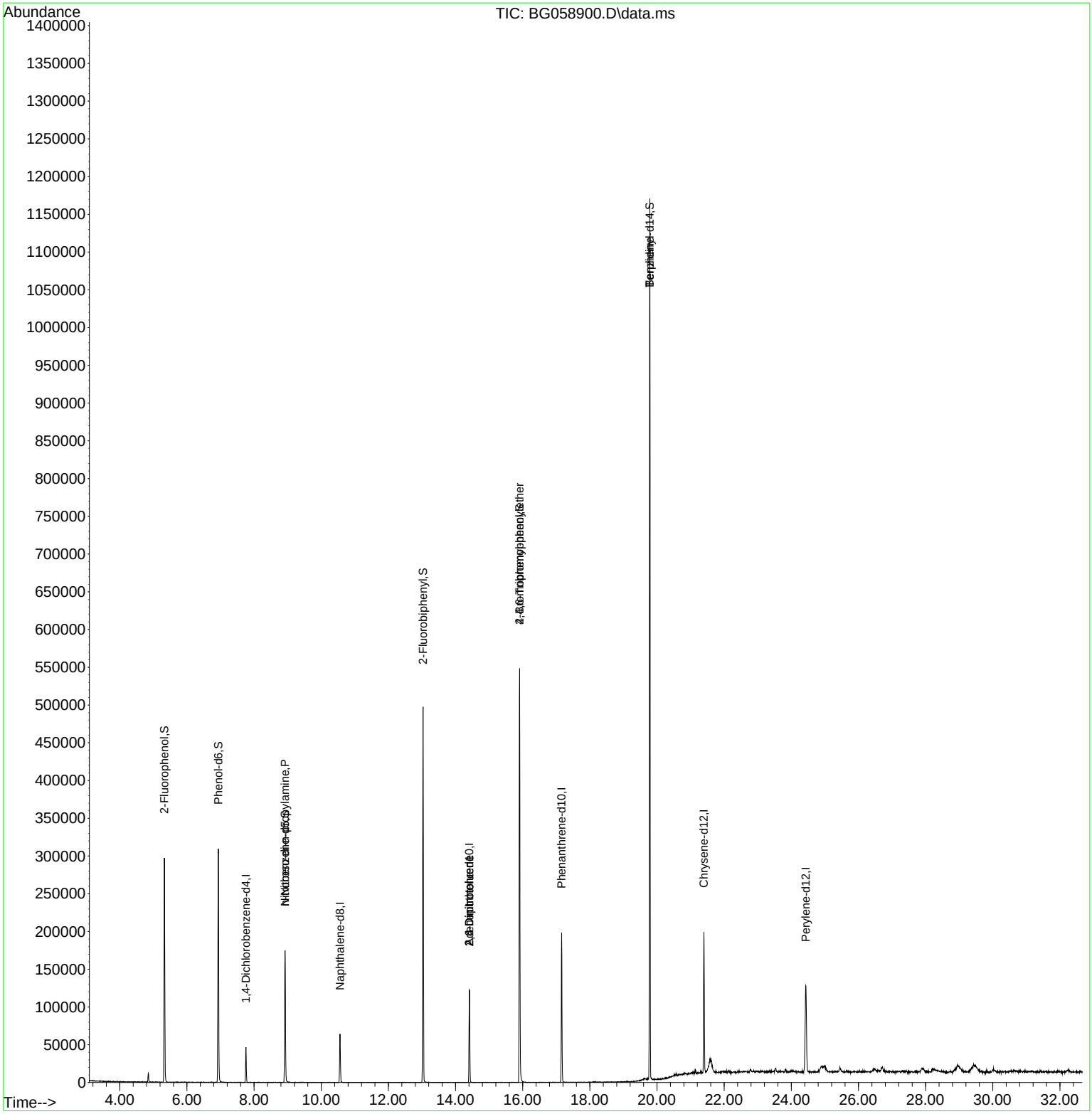
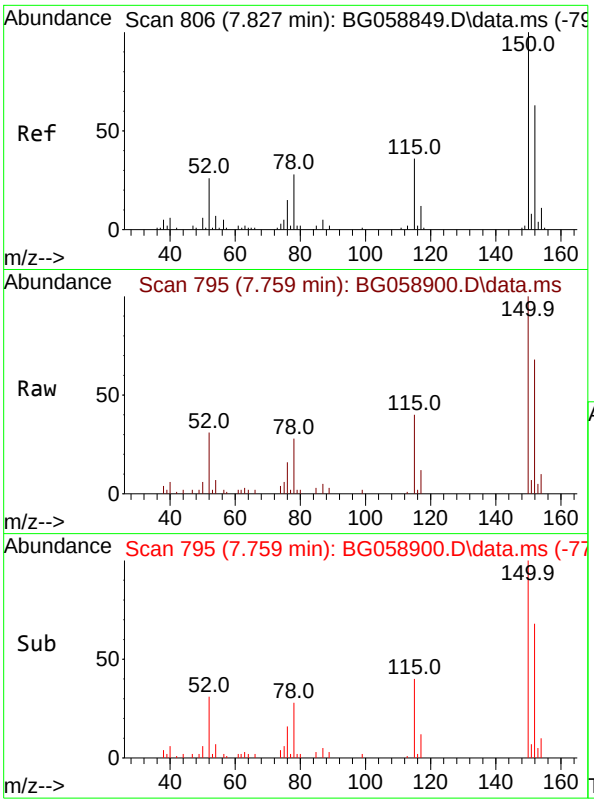


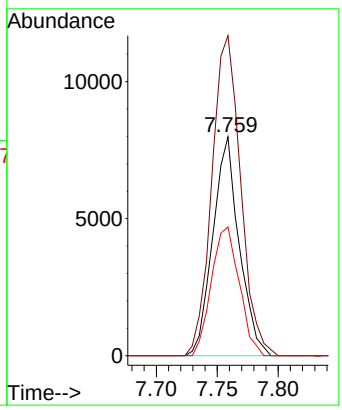


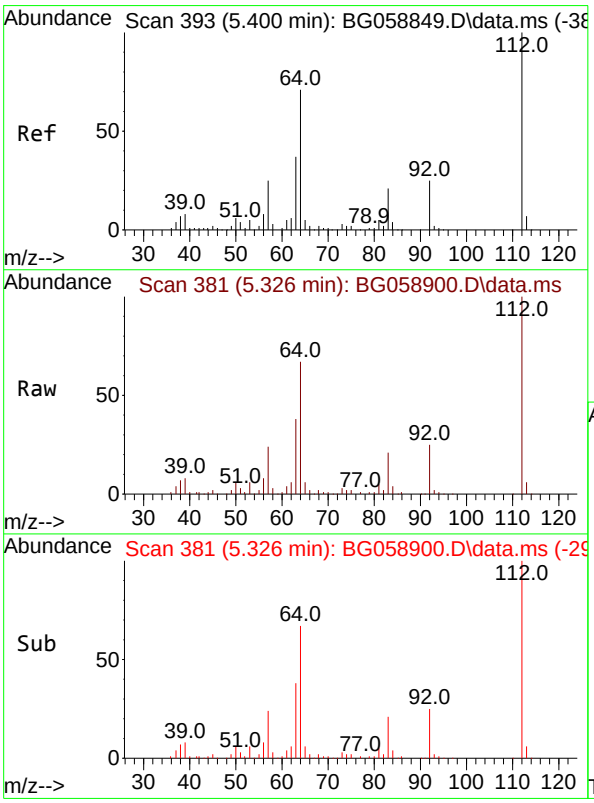
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.759 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:152 Resp: 12004

Ion	Ratio	Lower	Upper
152	100		
150	146.2	128.6	192.8
115	58.8	50.4	75.6

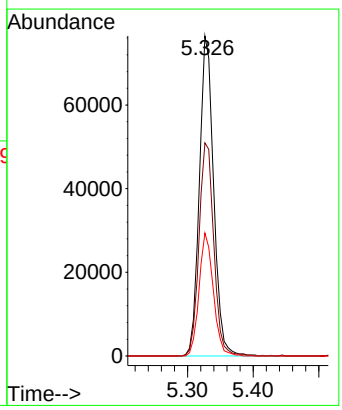


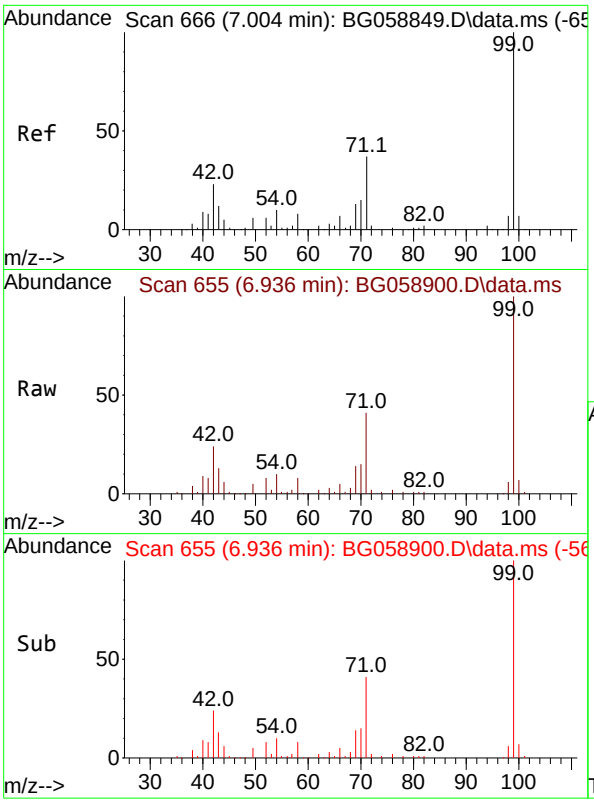


#5
2-Fluorophenol
Concen: 155.472 ng
RT: 5.326 min Scan# 381
Delta R.T. 0.000 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion:112 Resp: 115972

Ion	Ratio	Lower	Upper
112	100		
64	66.6	60.6	90.8
63	38.4	31.0	46.4



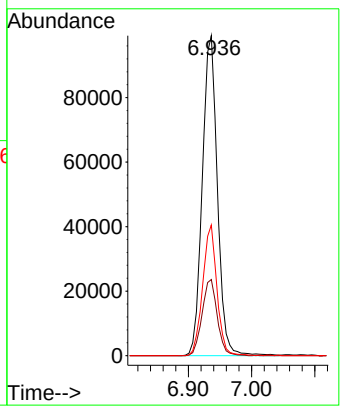


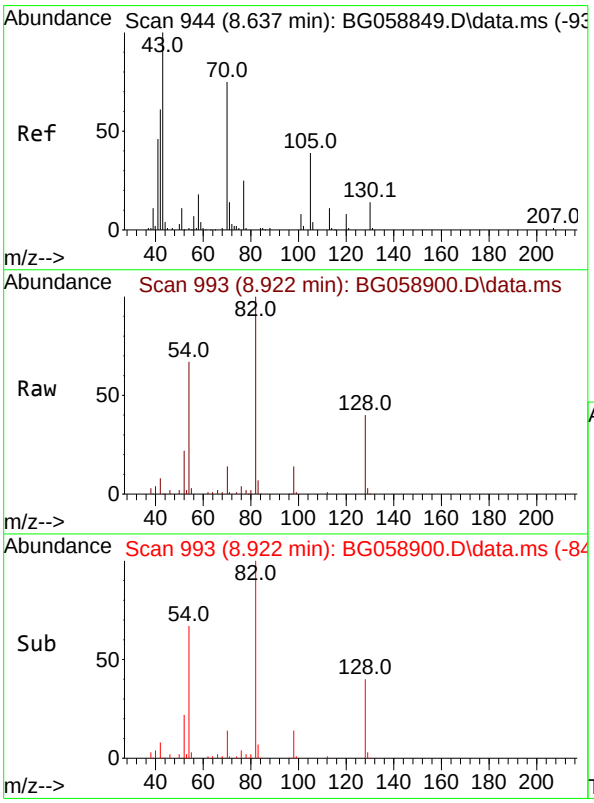
#7
Phenol-d6
Concen: 157.447 ng
RT: 6.936 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion: 99 Resp: 164777

Ion	Ratio	Lower	Upper
99	100		
42	23.8	16.5	24.7
71	40.8	28.4	42.6

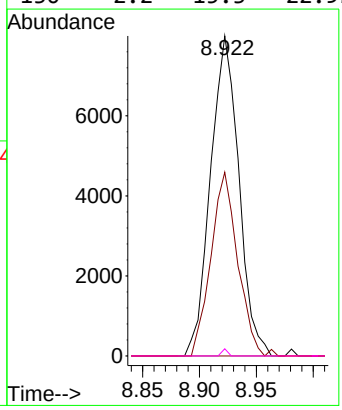


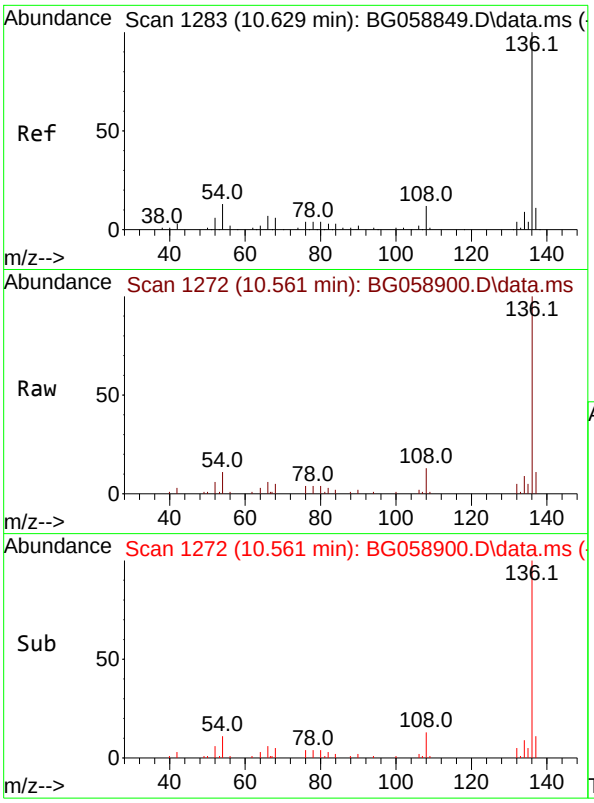


#19
n-Nitroso-di-n-propylamine
Concen: 20.473 ng
RT: 8.922 min Scan# 993
Delta R.T. 0.353 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion: 70 Resp: 13850

Ion	Ratio	Lower	Upper
70	100		
42	57.4	59.2	88.8#
101	0.0	8.2	12.2#
130	2.2	15.3	22.9#



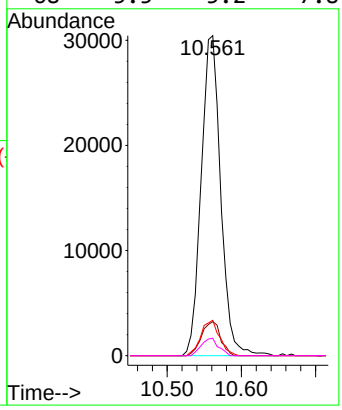


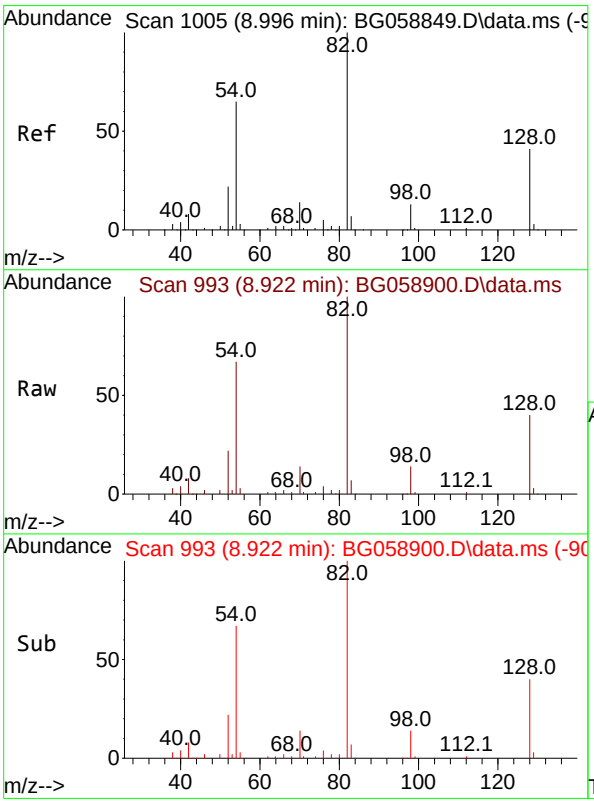
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:136 Resp: 55789

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.0	10.1	15.1
68	5.5	5.2	7.8

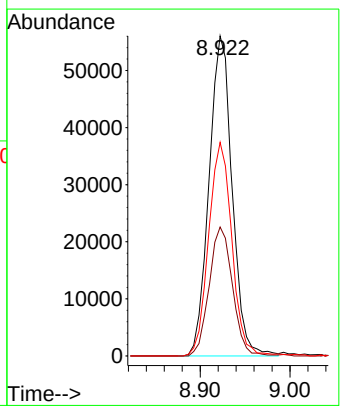


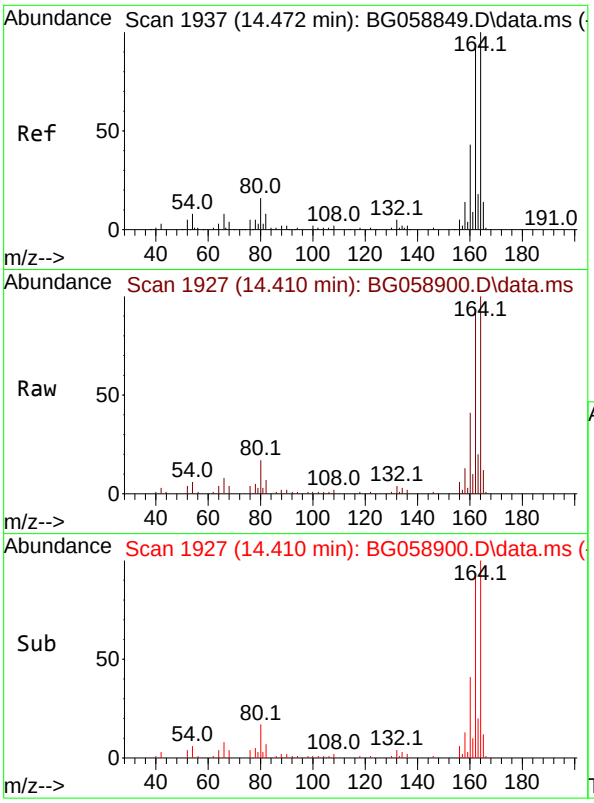


#23
Nitrobenzene-d5
Concen: 86.302 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.006 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion: 82 Resp: 100144

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.2	49.8
54	66.7	51.2	76.8



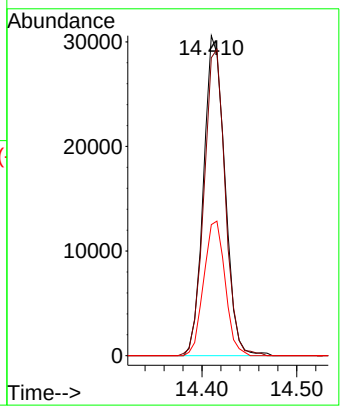


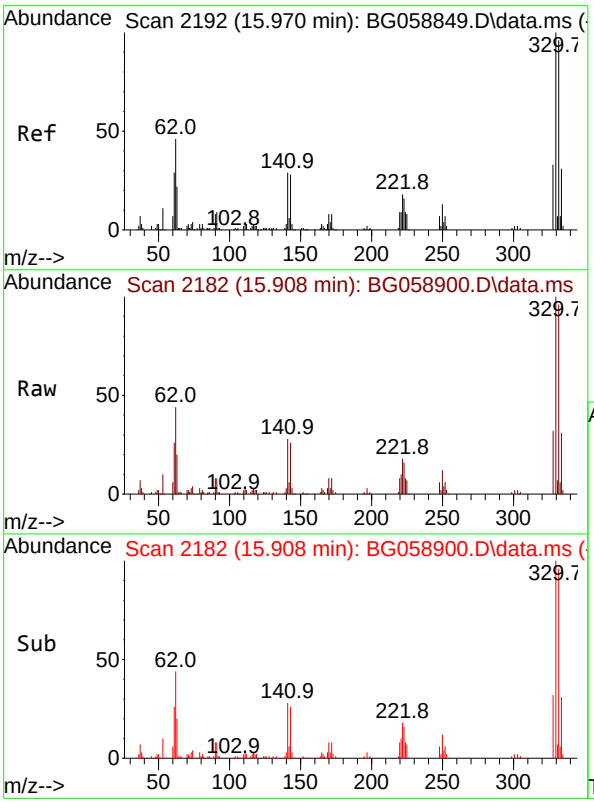
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:164 Resp: 47764

Ion	Ratio	Lower	Upper
164	100		
162	93.1	79.6	119.4
160	40.9	34.0	51.0

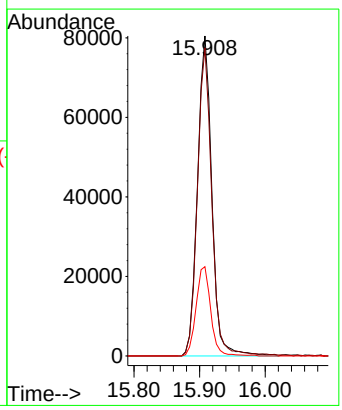


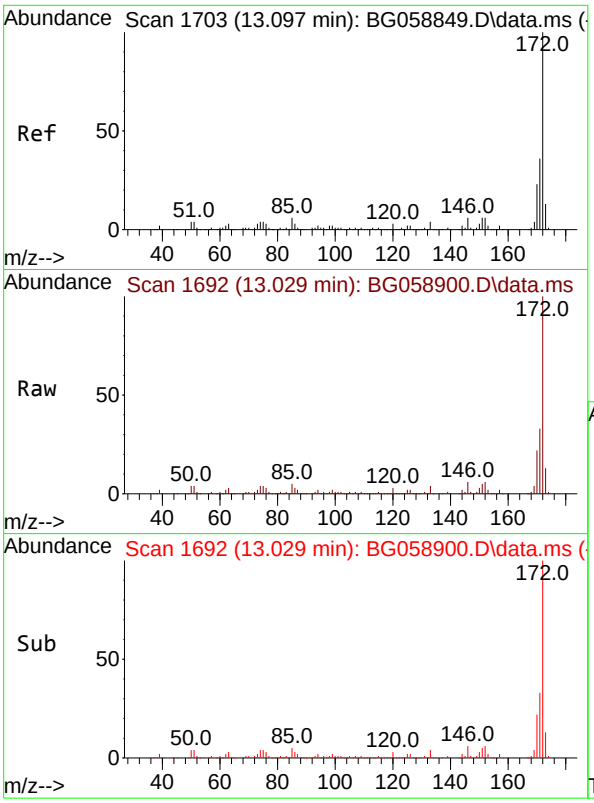


#42
2,4,6-Tribromophenol
Concen: 163.866 ng
RT: 15.908 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion:330 Resp: 122724

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.5	117.7
141	28.4	23.0	34.6



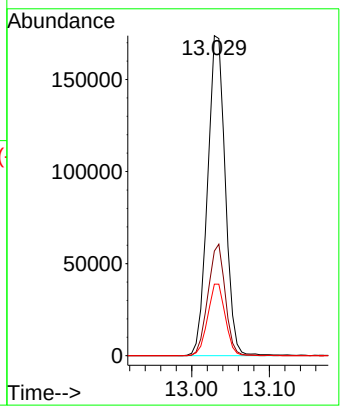


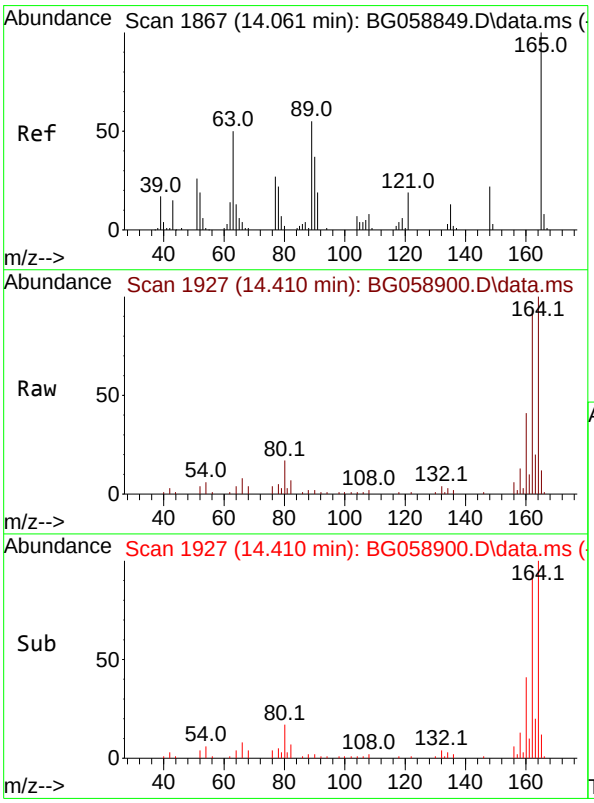
#45
2-Fluorobiphenyl
Concen: 83.910 ng
RT: 13.029 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:172 Resp: 275557

Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.1	42.1
170	22.4	18.6	27.8

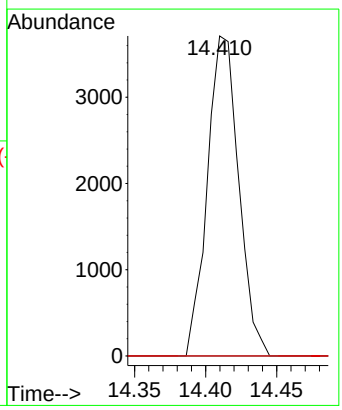


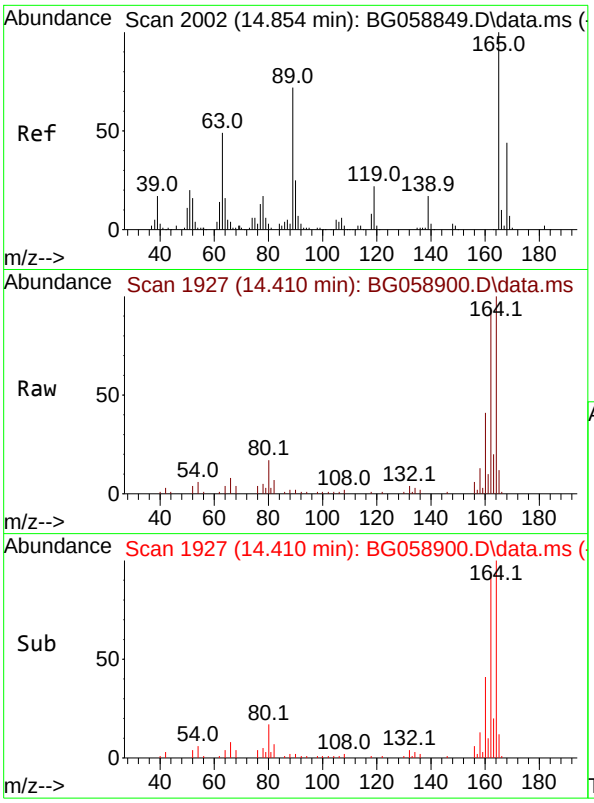


#51
2,6-Dinitrotoluene
Concen: 7.334 ng
RT: 14.410 min Scan# 1927
Delta R.T. 0.405 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion:165 Resp: 5698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.2	70.8#
89	0.0	45.0	67.4#



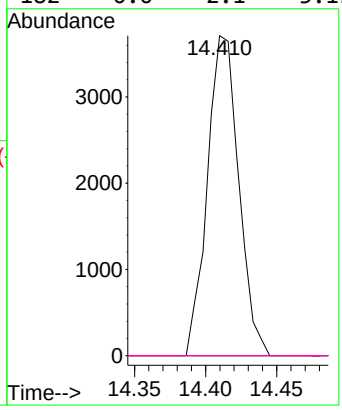


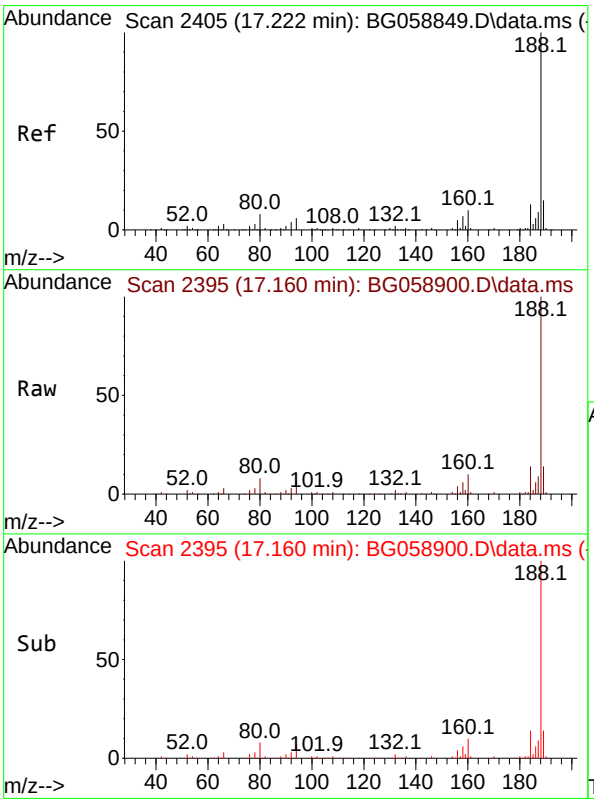
#57
2,4-Dinitrotoluene
Concen: 5.258 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.388 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:165 Resp: 5698

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#

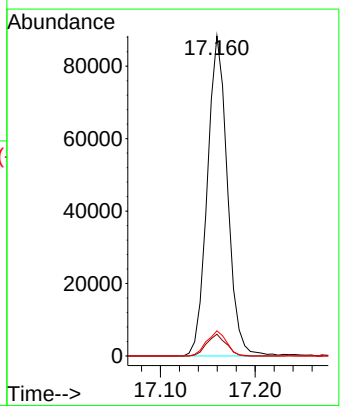


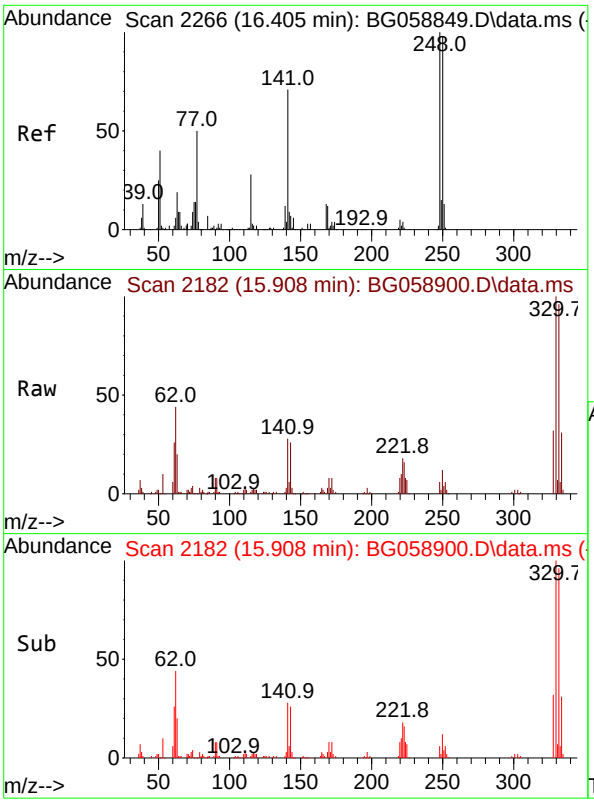


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion:188 Resp: 130025

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.1	9.1
80	7.8	6.9	10.3



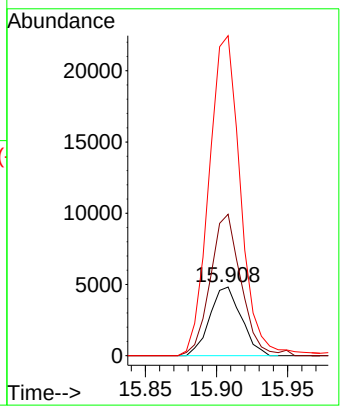


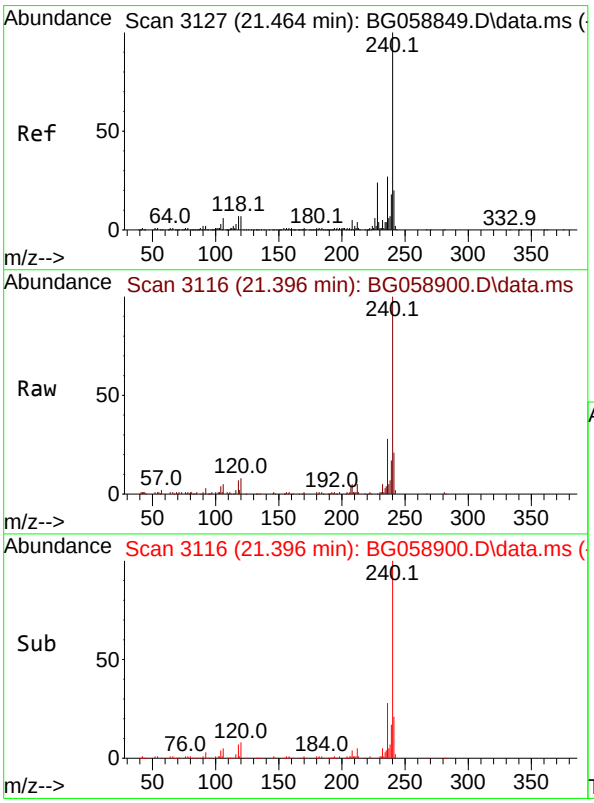
#67
4-Bromophenyl-phenylether
Concen: 5.215 ng
RT: 15.908 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:248 Resp: 7441

Ion	Ratio	Lower	Upper
248	100		
250	206.1	77.7	116.5#
141	466.1	53.6	80.4#

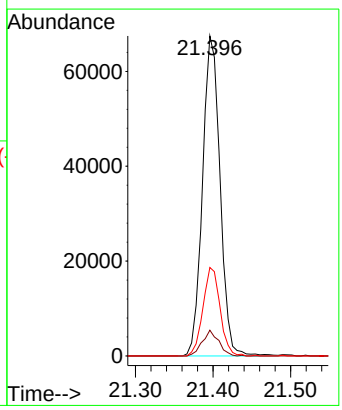


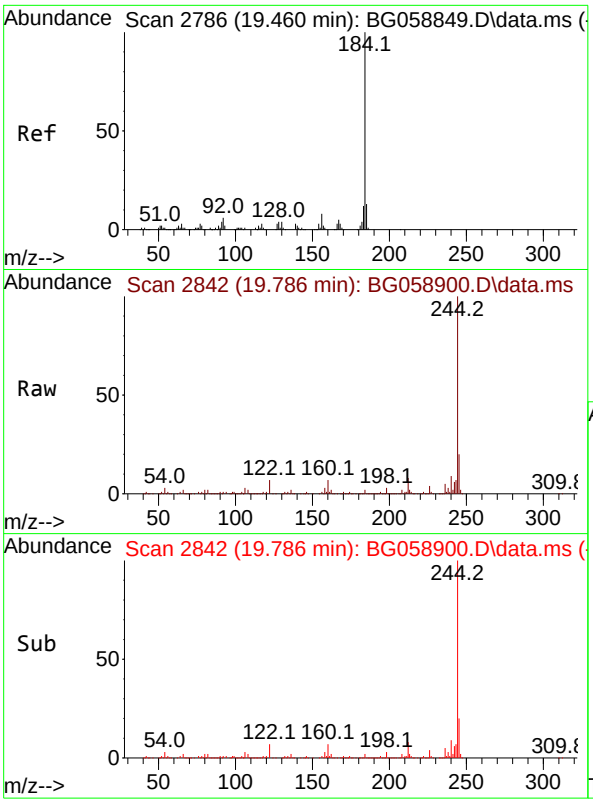


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.396 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion:240 Resp: 106034

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.2
236	27.6	20.5	30.7



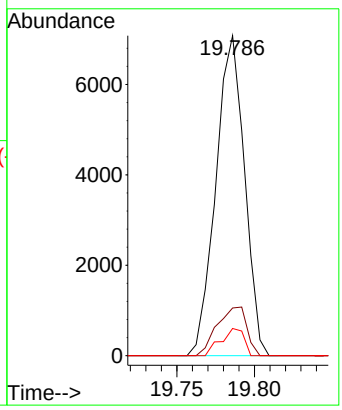


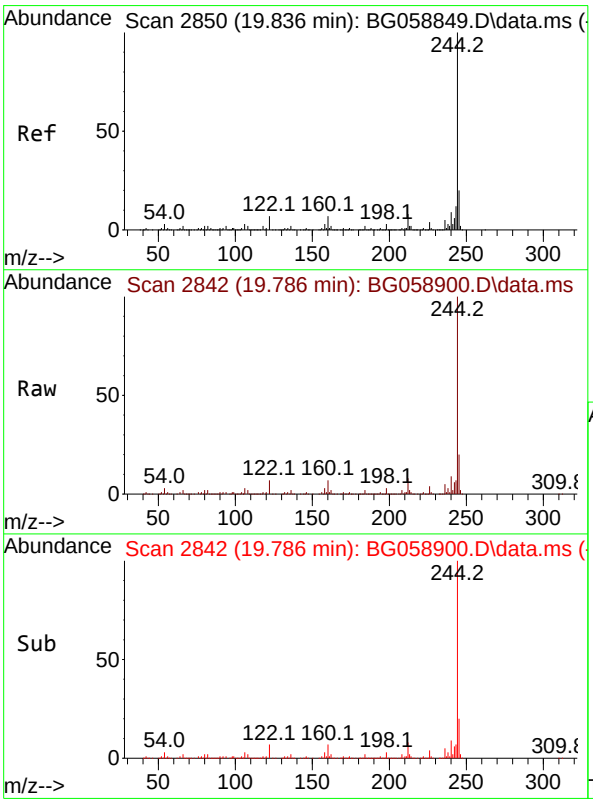
#77
Benzidine
Concen: 4.789 ng
RT: 19.786 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:184 Resp: 9101

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.9	17.9
183	8.5	10.0	15.0#

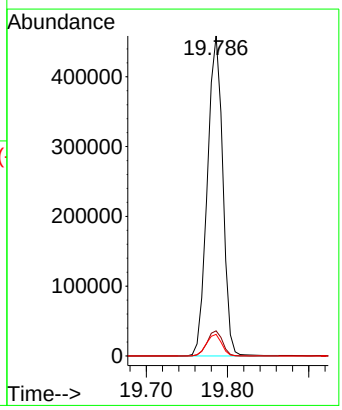


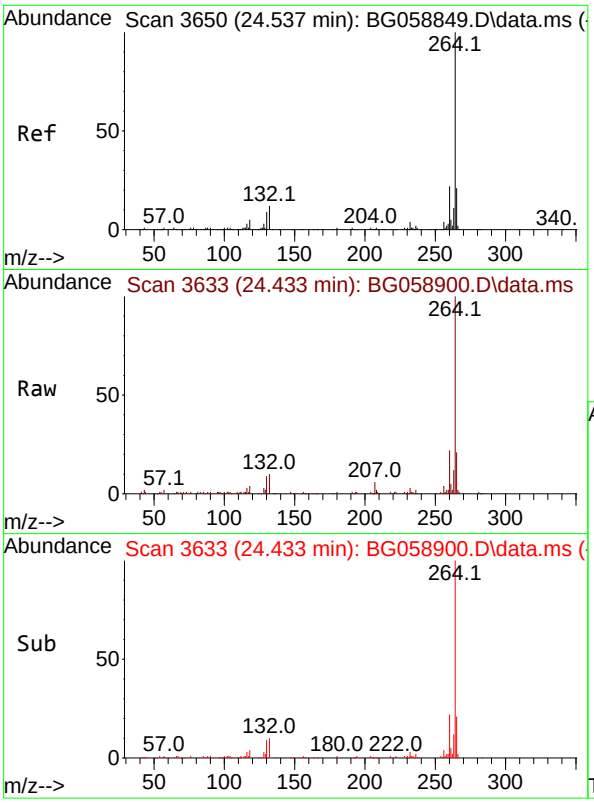


#79
Terphenyl-d14
Concen: 101.960 ng
RT: 19.786 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Tgt Ion:244 Resp: 602099

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	6.7	6.3	9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG058900.D
Acq: 30 Aug 2023 17:49

Instrument :
BNA_G
ClientSampleId :
PB155191BL

Tgt Ion:264 Resp: 127560

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.2	27.2
265	21.3	16.4	24.6