Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055958.D
Acq On : 14 Dec 2022 13:42
Operator : CG/JU
Sample : PB149581BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Quant Time: Dec 15 00:49:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.368	152	4568	20.000	ng	0.00
21) Naphthalene-d8	11.206	136	17785	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	17121	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	57234	20.000	ng	0.00
76) Chrysene-d12	22.016	240	71521	20.000	ng	0.00
86) Perylene-d12	25.512	264	85235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	33331	171.119	ng	0.00
7) Phenol-d6	7.492	99	41153	164.272	ng	0.00
23) Nitrobenzene-d5	9.537	82	24904	97.855	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	57823	140.062	ng	0.00
45) 2-Fluorobiphenyl	13.609	172	113708	93.145	ng	0.00
79) Terphenyl-d14	20.289	244	411740	101.747	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.543	70	3731	20.778	ng	# 69
51) 2,6-Dinitrotoluene	14.978	165	2191	9.565	ng	# 25
57) 2,4-Dinitrotoluene	14.978	165	2191	6.337	ng	# 35
67) 4-Bromophenyl-phenylether	16.452	248	3059	3.647	ng	# 1
77) Benzidine	20.289	184	6080	4.841	ng	# 81

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
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Misc :
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Quant Time: Dec 15 00:49:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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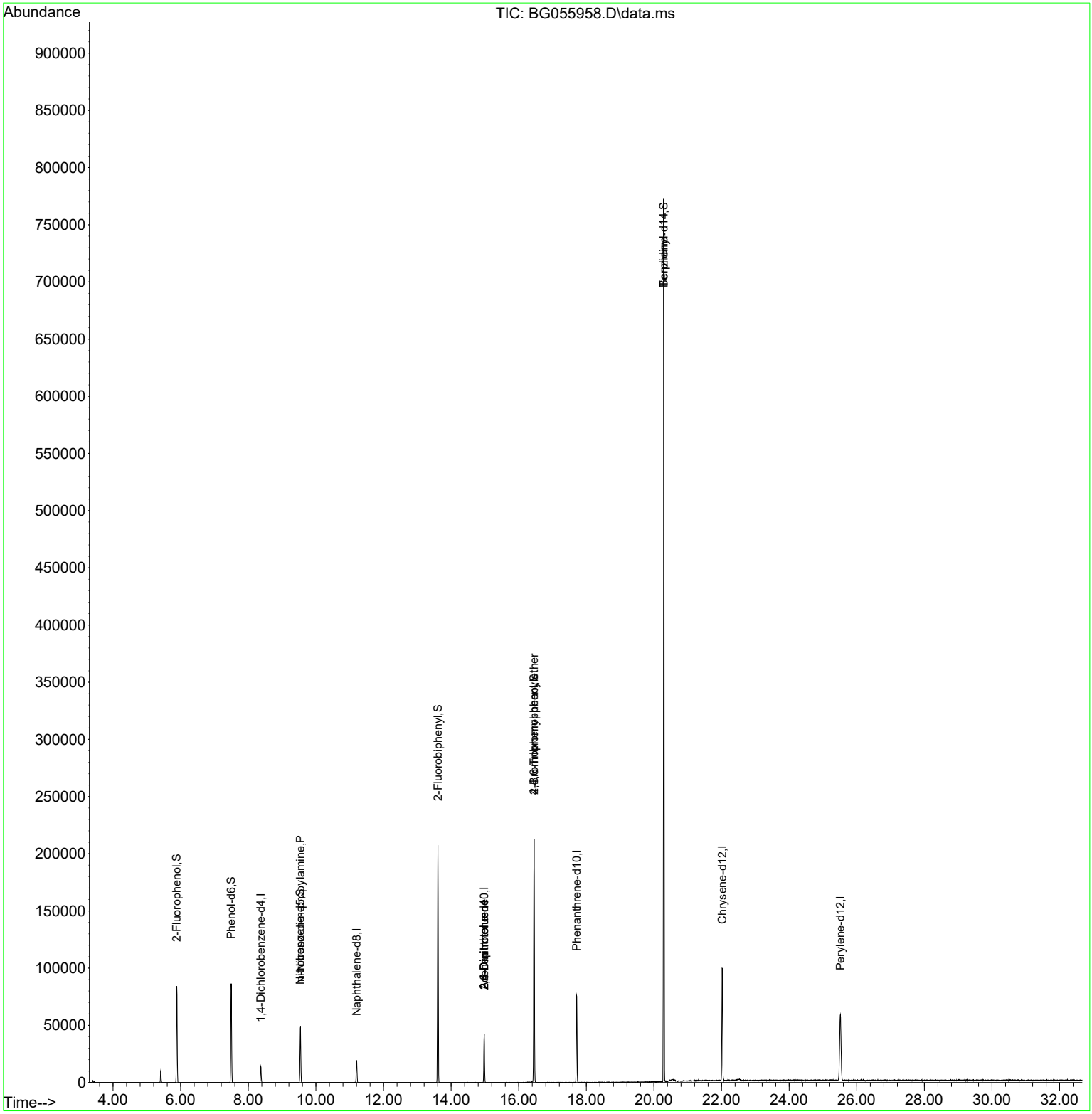
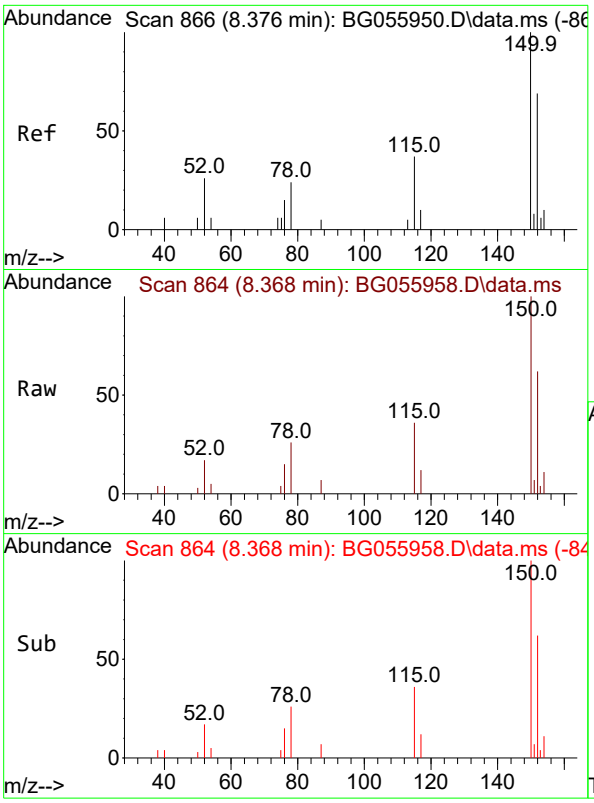


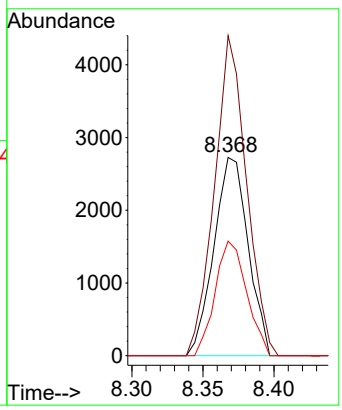


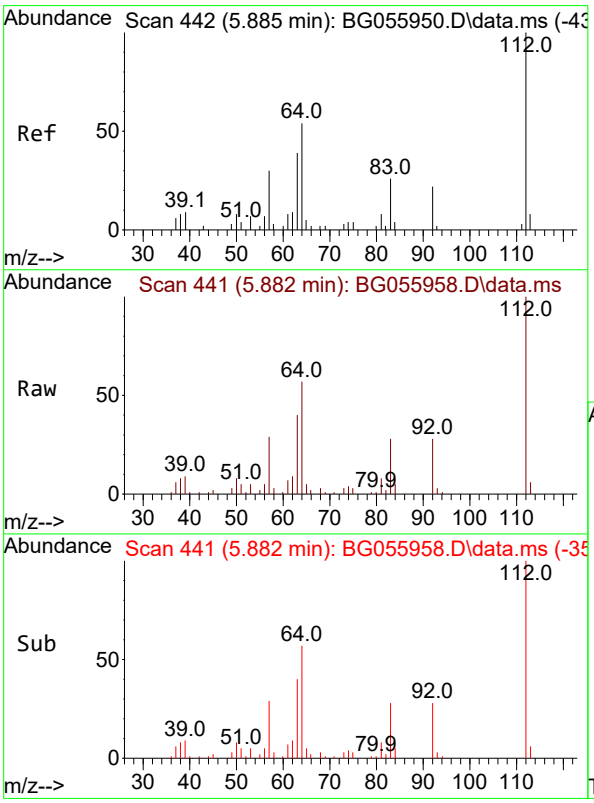
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.368 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:152 Resp: 4568

Ion	Ratio	Lower	Upper
152	100		
150	161.4	115.7	173.5
115	57.8	43.0	64.4

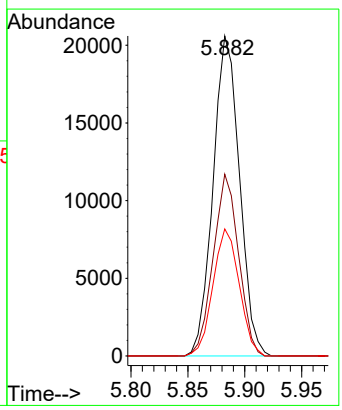


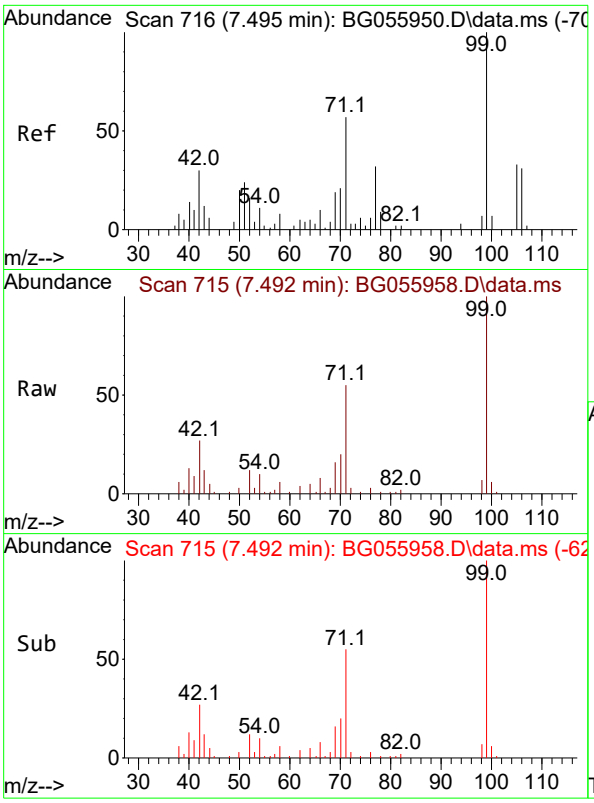


#5
2-Fluorophenol
Concen: 171.119 ng
RT: 5.882 min Scan# 441
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:112 Resp: 33331

Ion	Ratio	Lower	Upper
112	100		
64	56.8	43.0	64.4
63	39.7	31.4	47.2



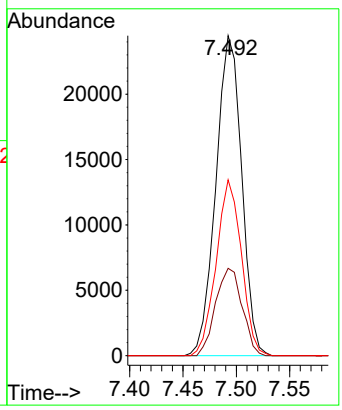


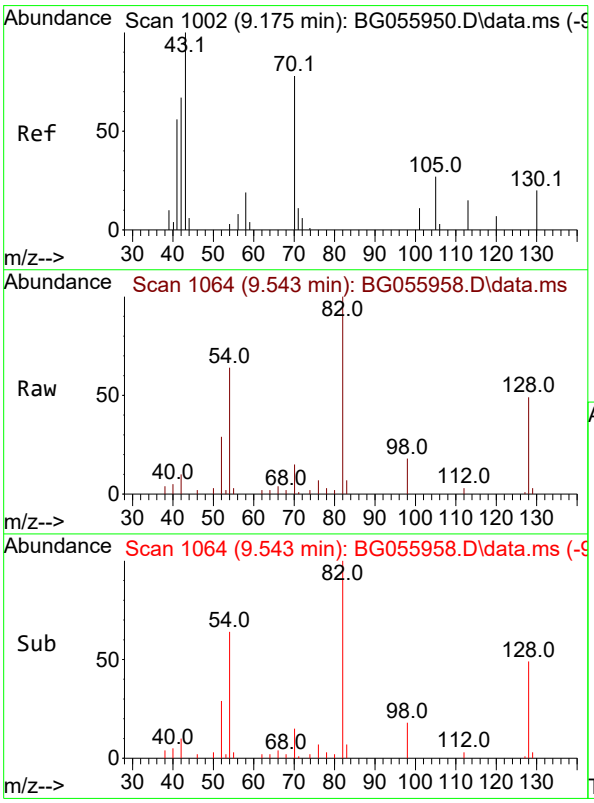
#7
Phenol-d6
Concen: 164.272 ng
RT: 7.492 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion: 99 Resp: 41153

Ion	Ratio	Lower	Upper
99	100		
42	27.3	24.3	36.5
71	55.0	45.6	68.4

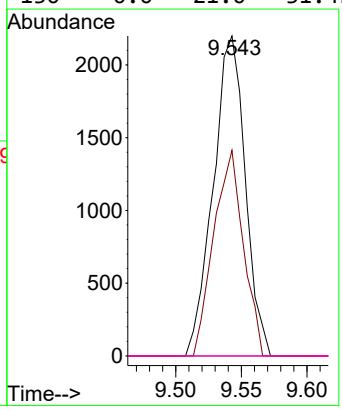


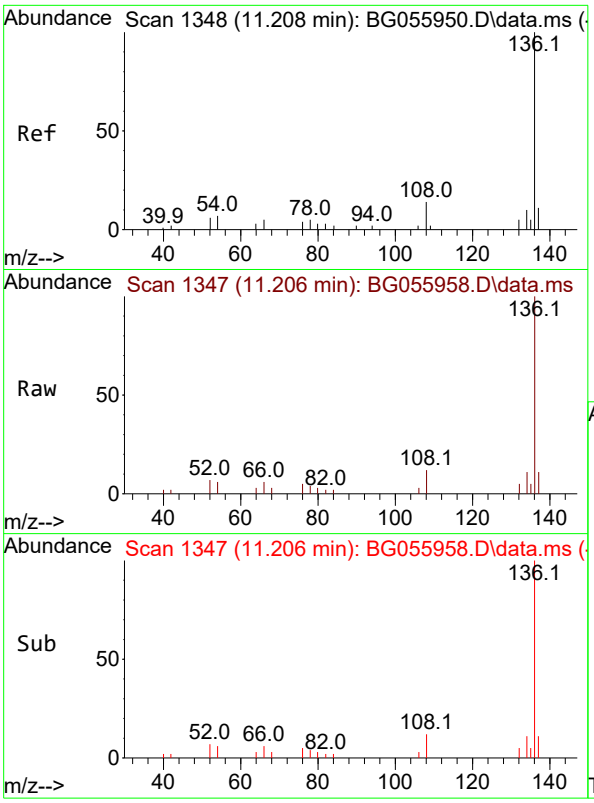


#19
n-Nitroso-di-n-propylamine
Concen: 20.778 ng
RT: 9.543 min Scan# 1064
Delta R.T. 0.367 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion: 70 Resp: 3731

Ion	Ratio	Lower	Upper
70	100		
42	64.3	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#



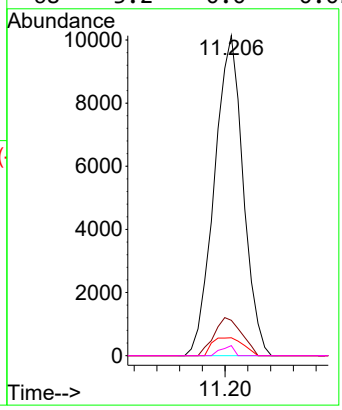


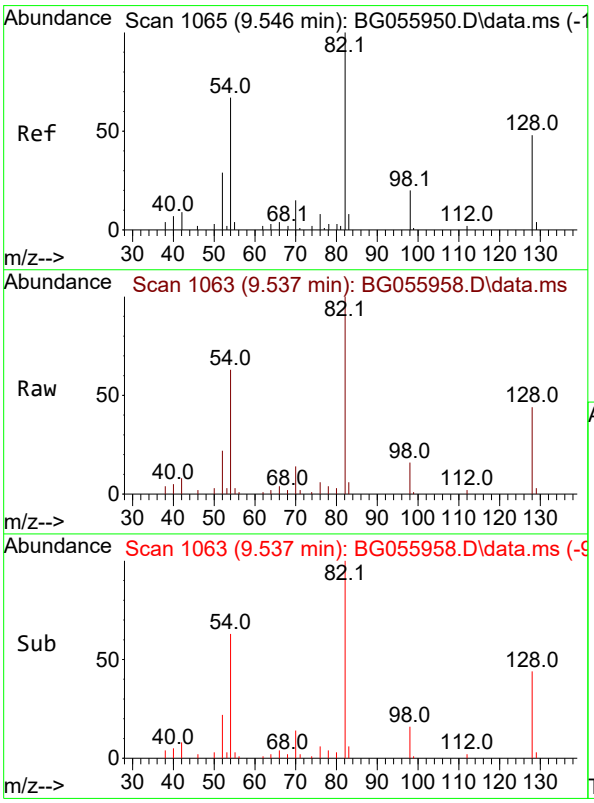
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.206 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:136 Resp: 17785

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	5.6	5.6	8.4#
68	3.2	0.0	0.0#

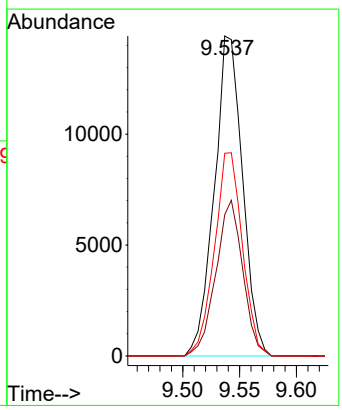


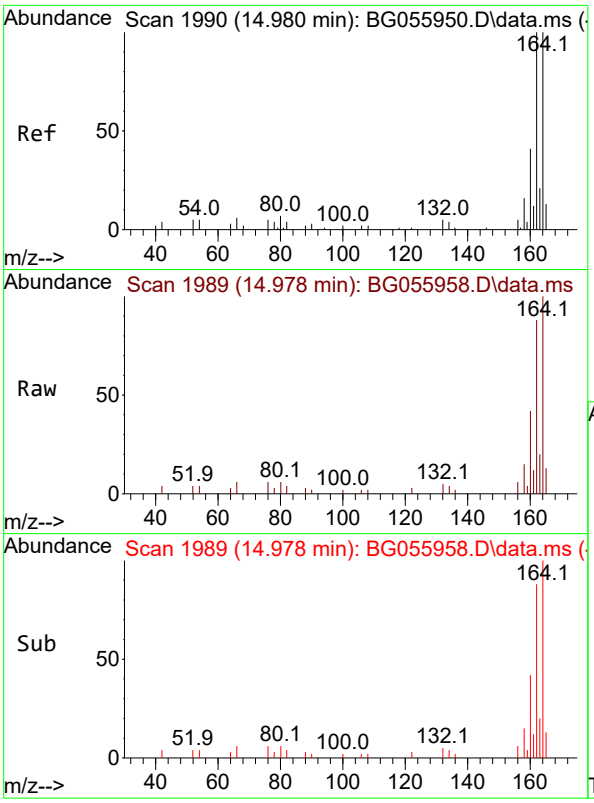


#23
Nitrobenzene-d5
Concen: 97.855 ng
RT: 9.537 min Scan# 1063
Delta R.T. -0.009 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion: 82 Resp: 24904

Ion	Ratio	Lower	Upper
82	100		
128	44.2	38.4	57.6
54	63.3	53.3	79.9



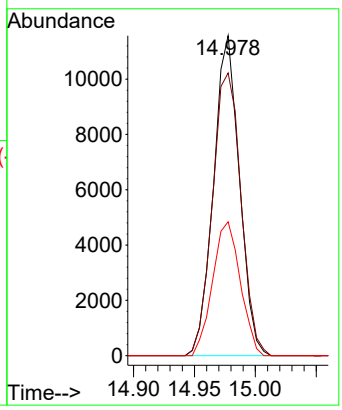


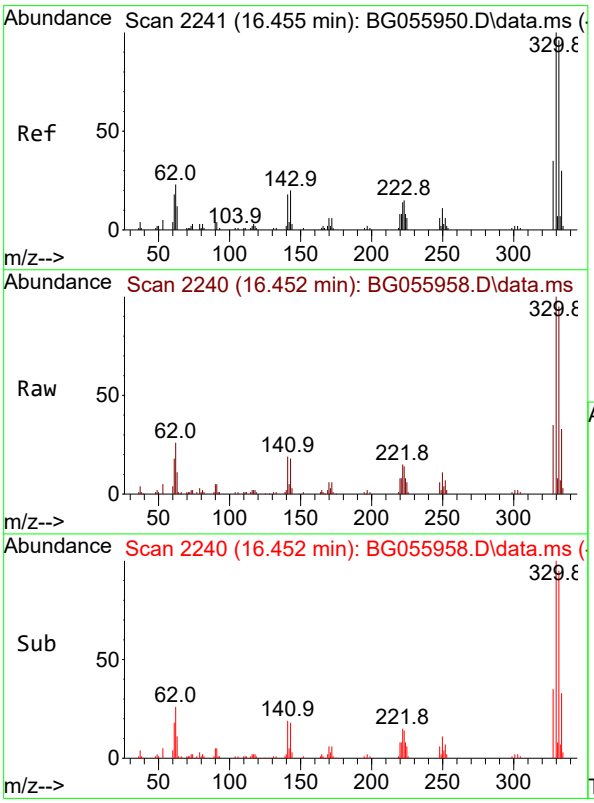
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:164 Resp: 17121

Ion	Ratio	Lower	Upper
164	100		
162	88.4	79.8	119.8
160	41.8	33.0	49.4

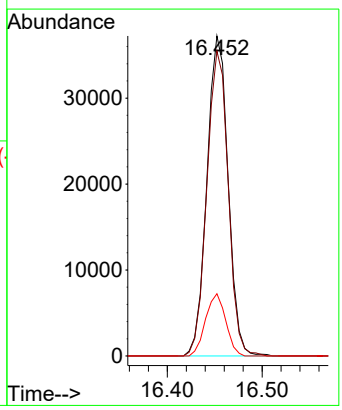


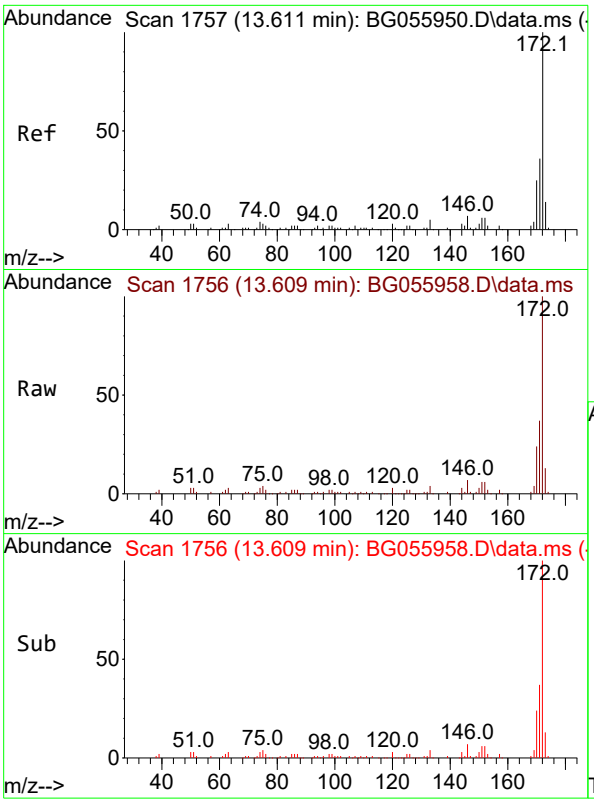


#42
2,4,6-Tribromophenol
Concen: 140.062 ng
RT: 16.452 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:330 Resp: 57823

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	18.5	15.0	22.4



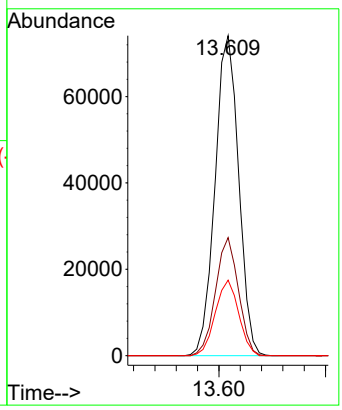


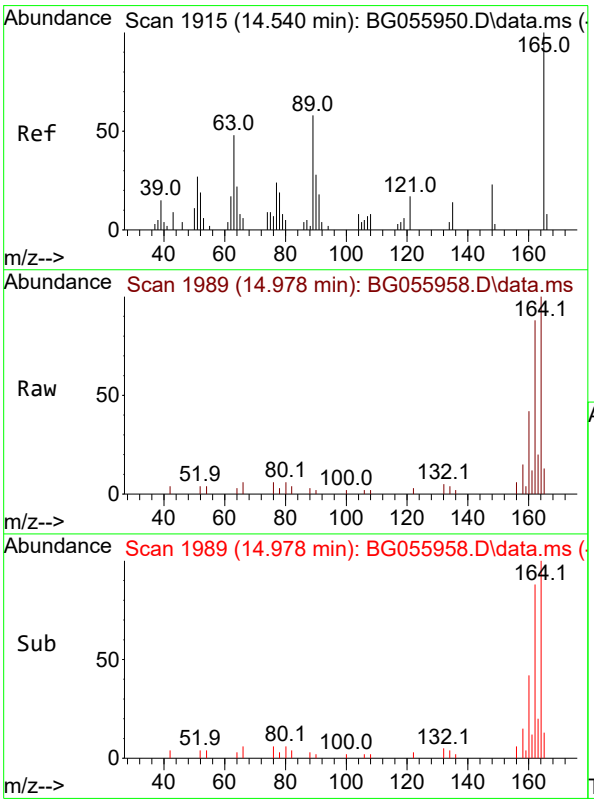
#45
2-Fluorobiphenyl
Concen: 93.145 ng
RT: 13.609 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:172 Resp: 113708

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	23.6	19.9	29.9

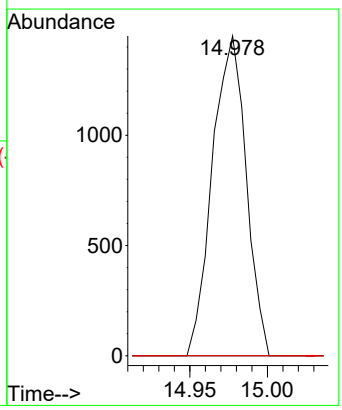


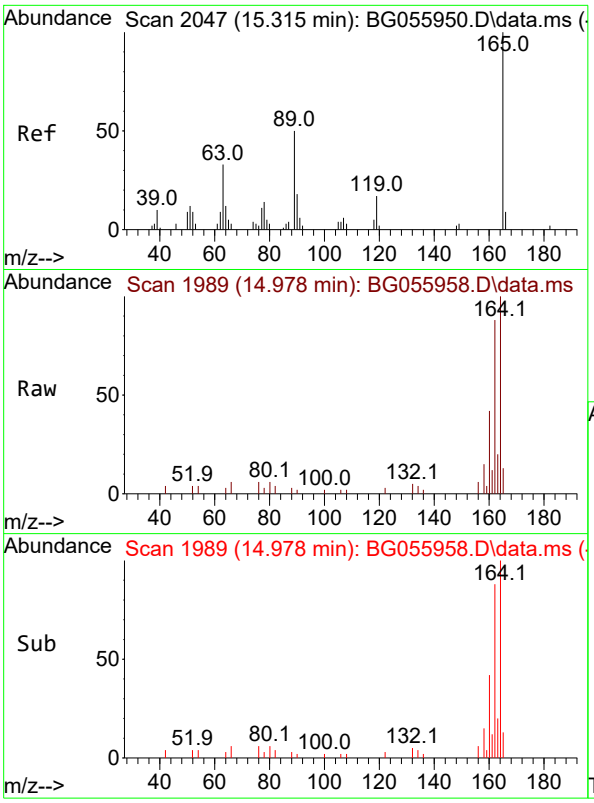


#51
2,6-Dinitrotoluene
Concen: 9.565 ng
RT: 14.978 min Scan# 1989
Delta R.T. 0.438 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:165 Resp: 2191

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	46.3	69.5#



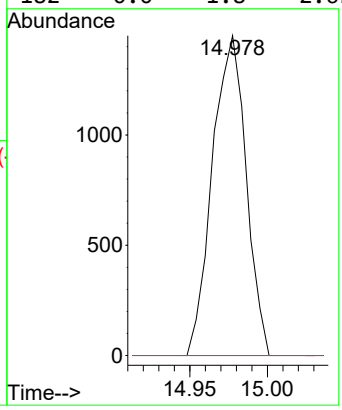


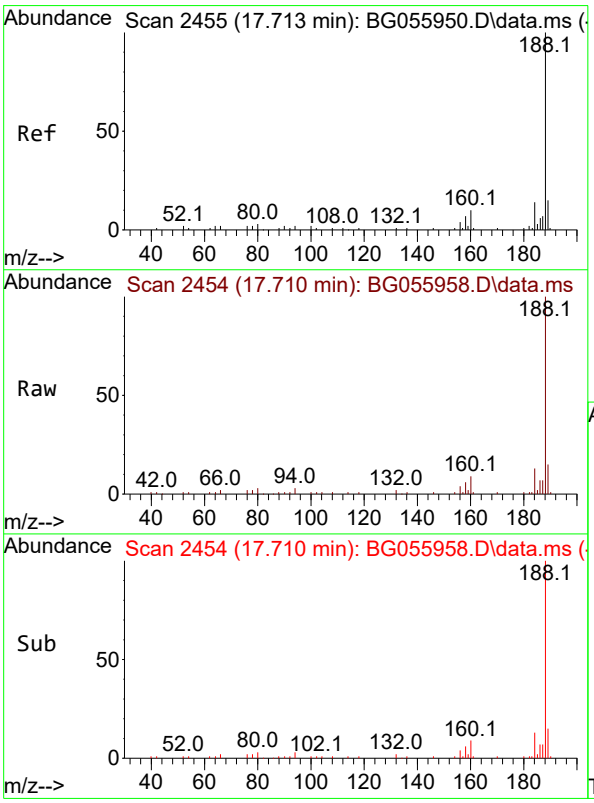
#57
2,4-Dinitrotoluene
Concen: 6.337 ng
RT: 14.978 min Scan# 1
Delta R.T. -0.338 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:165 Resp: 2191

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.6	39.8#
89	0.0	40.1	60.1#
182	0.0	1.8	2.6#

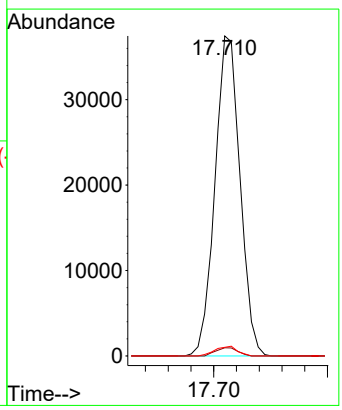


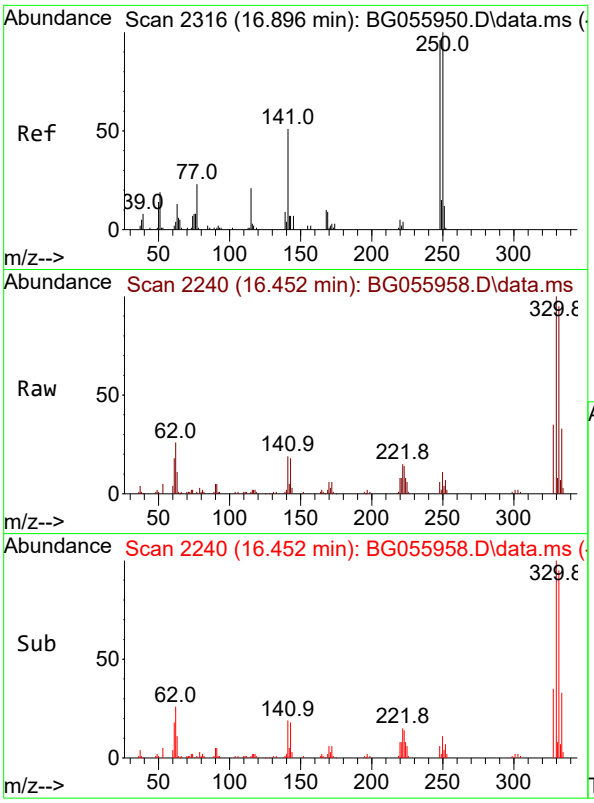


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.710 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:188 Resp: 57234

Ion	Ratio	Lower	Upper
188	100		
94	2.6	1.8	2.8
80	2.7	2.4	3.6



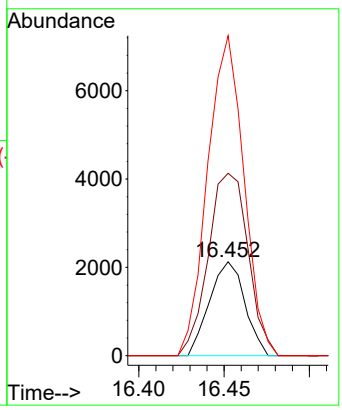


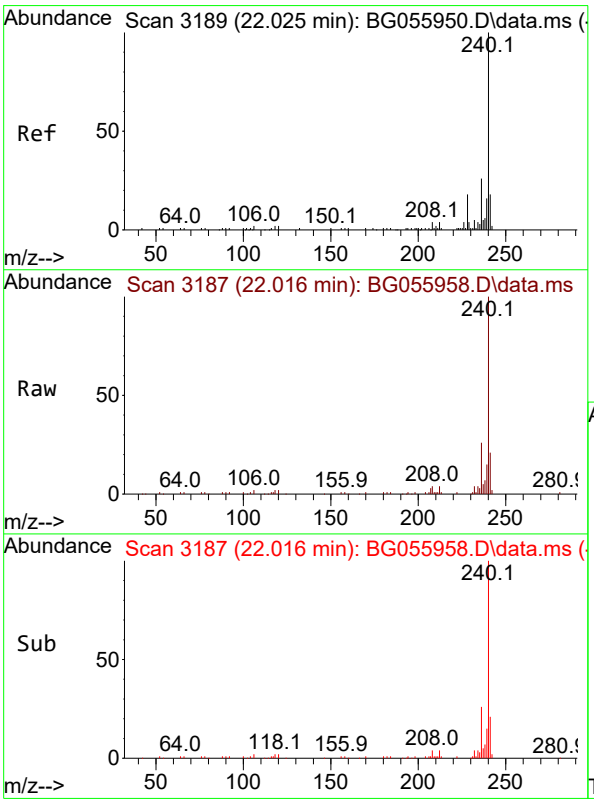
#67
4-Bromophenyl-phenylether
Concen: 3.647 ng
RT: 16.452 min Scan# 2
Delta R.T. -0.444 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:248 Resp: 3059

Ion	Ratio	Lower	Upper
248	100		
250	194.3	83.0	124.6#
141	340.7	42.6	64.0#

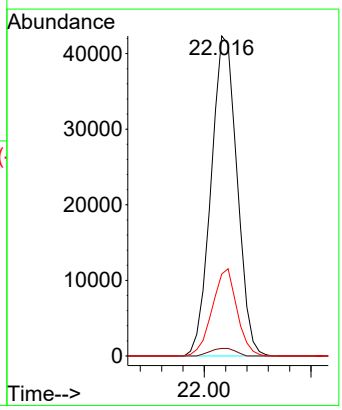


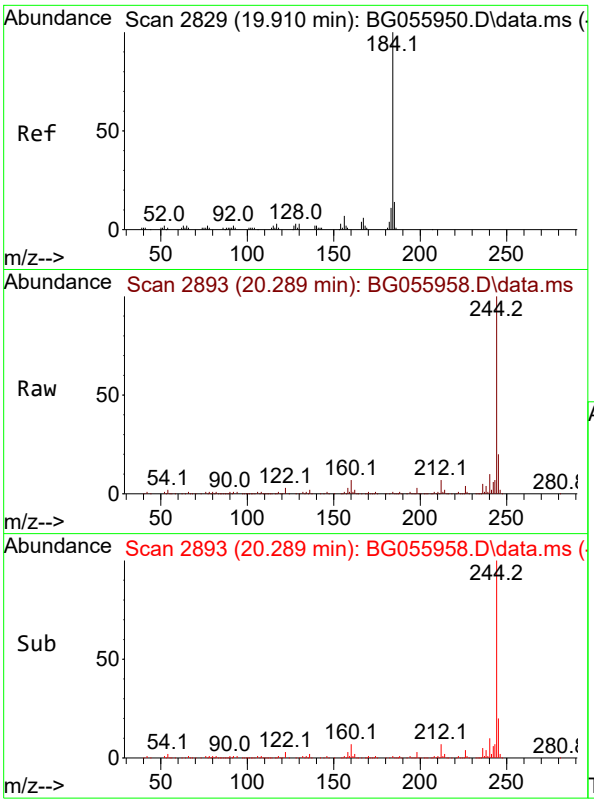


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3187
Delta R.T. -0.009 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:240 Resp: 71521

Ion	Ratio	Lower	Upper
240	100		
120	2.3	1.7	2.5
236	25.6	21.1	31.7



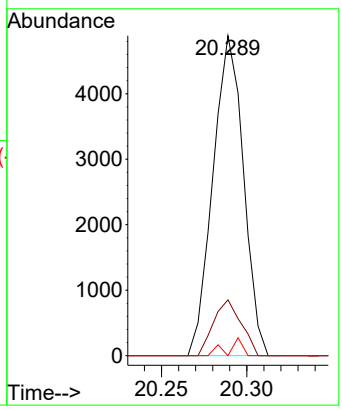


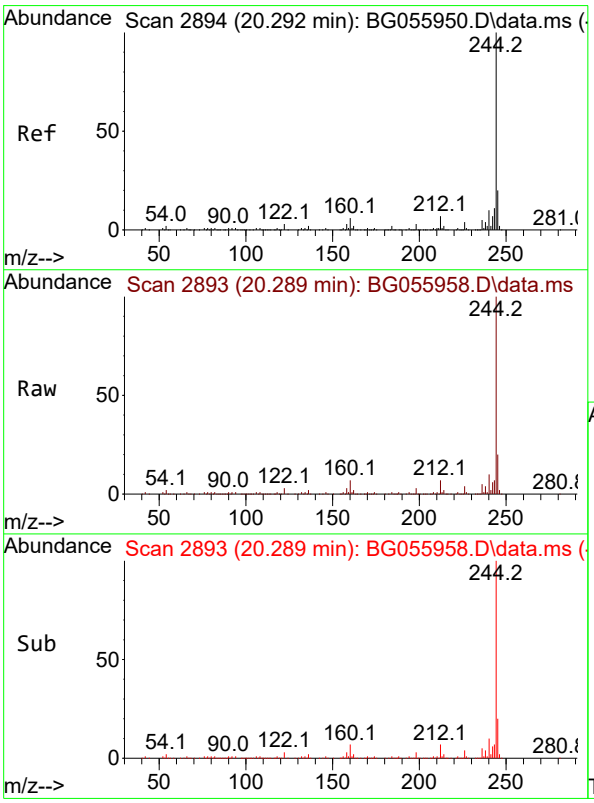
#77
Benzidine
Concen: 4.841 ng
RT: 20.289 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:184 Resp: 6080

Ion	Ratio	Lower	Upper
184	100		
185	17.4	10.9	16.3#
183	0.0	9.2	13.8#

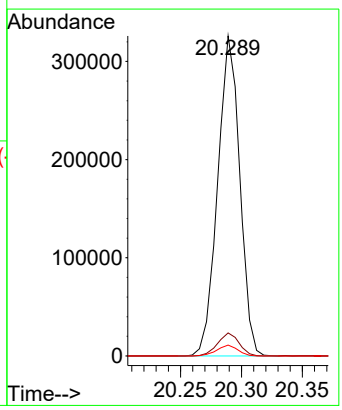


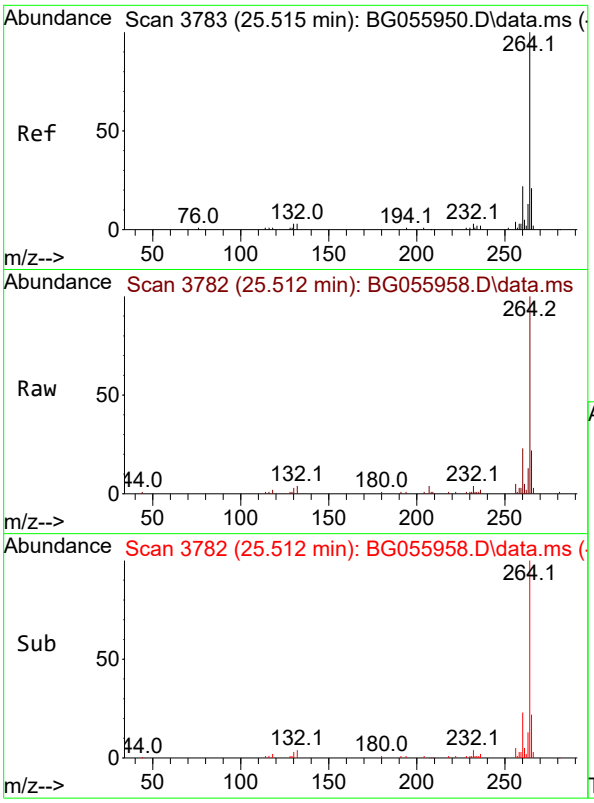


#79
Terphenyl-d14
Concen: 101.747 ng
RT: 20.289 min Scan# 2893
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:244 Resp: 411740

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	3.4	2.5	3.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.512 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB149581BL

Tgt Ion:264 Resp: 85235

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.8
265	22.0	16.6	25.0