Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056585.D
Acq On : 8 Feb 2023 17:14
Operator : CG/JU
Sample : 01418-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-20-020223

Quant Time: Feb 09 02:07:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	42144	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	158870	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	116945	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	261627	20.000	ng	0.00
76) Chrysene-d12	21.925	240	235058	20.000	ng	0.00
86) Perylene-d12	25.350	264	255131	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	326379	142.464	ng	0.00
7) Phenol-d6	7.424	99	401778	118.363	ng	0.00
23) Nitrobenzene-d5	9.451	82	263760	94.276	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	210188	135.194	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	843233	99.968	ng	0.00
79) Terphenyl-d14	20.209	244	1385708	103.541	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.424	77	601	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.445	70	32814	16.775	ng	# 73
51) 2,6-Dinitrotoluene	14.892	165	15352	7.441	ng	# 37
57) 2,4-Dinitrotoluene	14.892	165	15352	5.282	ng	# 36
67) 4-Bromophenyl-phenylether	16.378	248	16604	4.957	ng	# 1
77) Benzidine	20.209	184	19868	3.123	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
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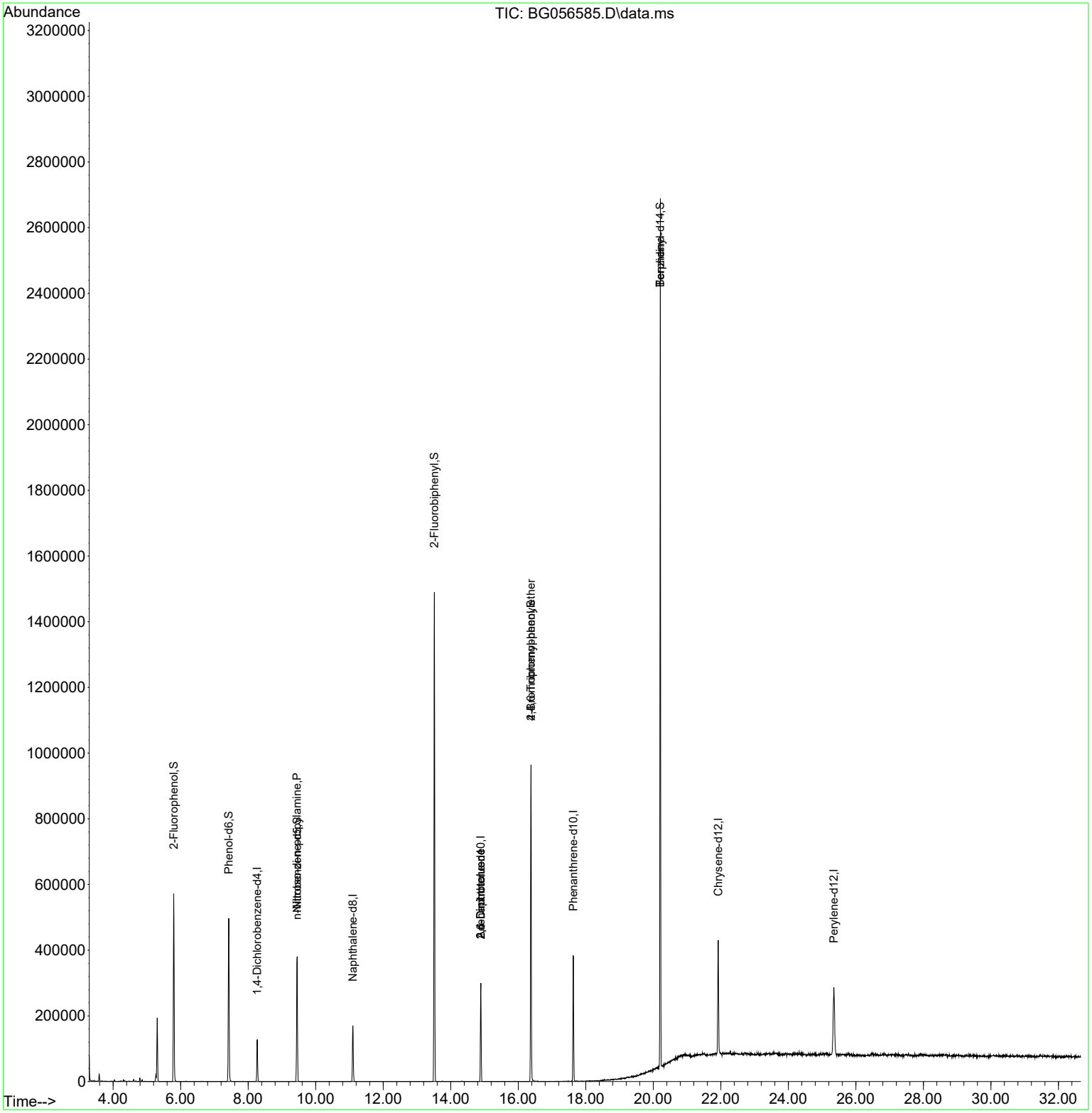
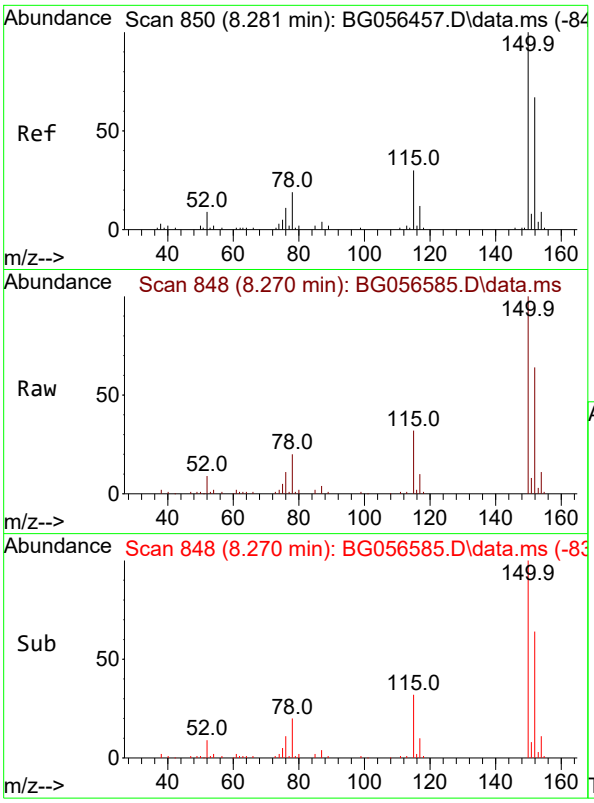


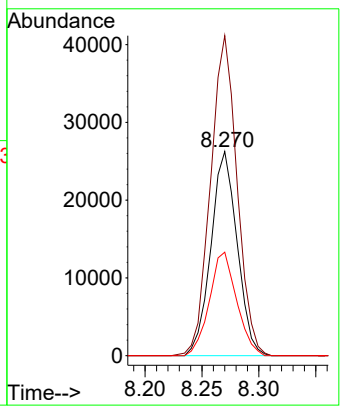


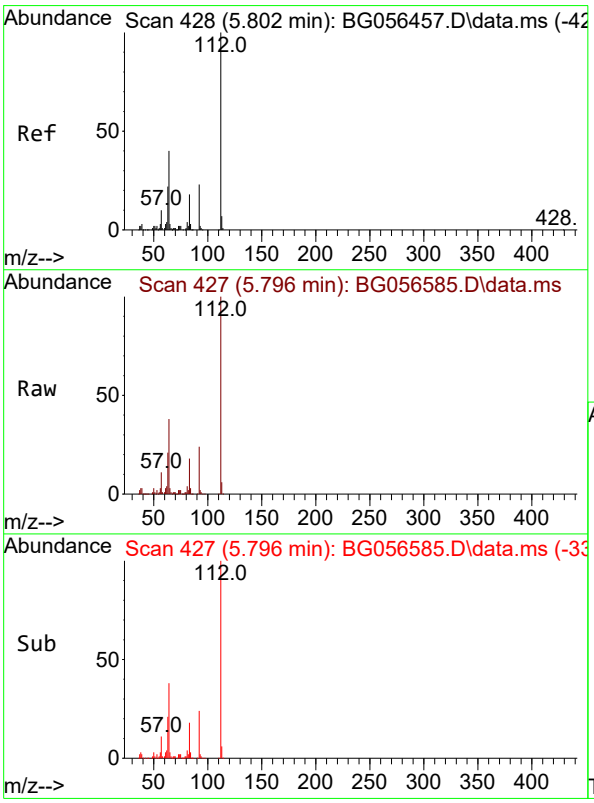
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:152 Resp: 42144

Ion	Ratio	Lower	Upper
152	100		
150	156.7	120.2	180.4
115	50.7	36.3	54.5

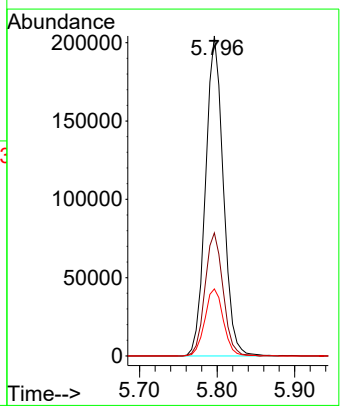


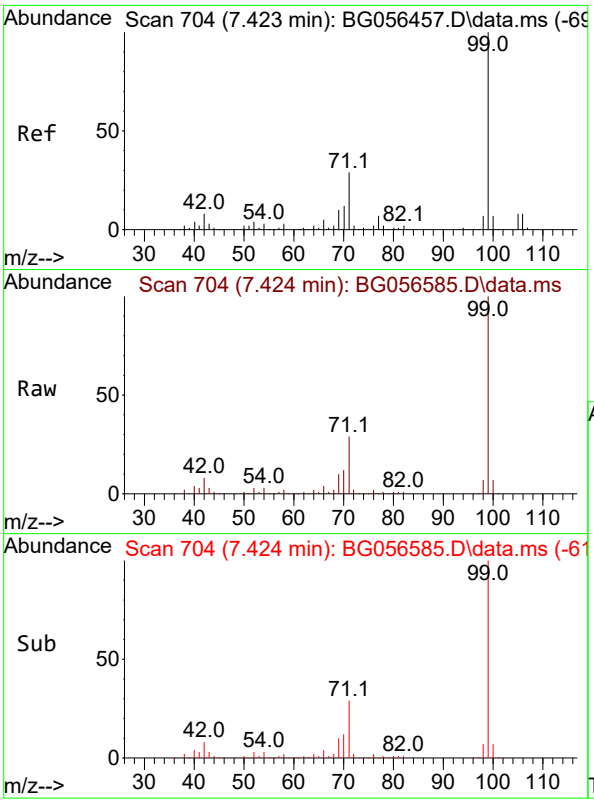


#5
2-Fluorophenol
Concen: 142.464 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:112 Resp: 326379

Ion	Ratio	Lower	Upper
112	100		
64	38.5	31.9	47.9
63	21.0	17.4	26.0



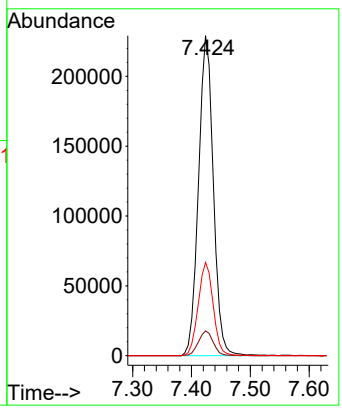


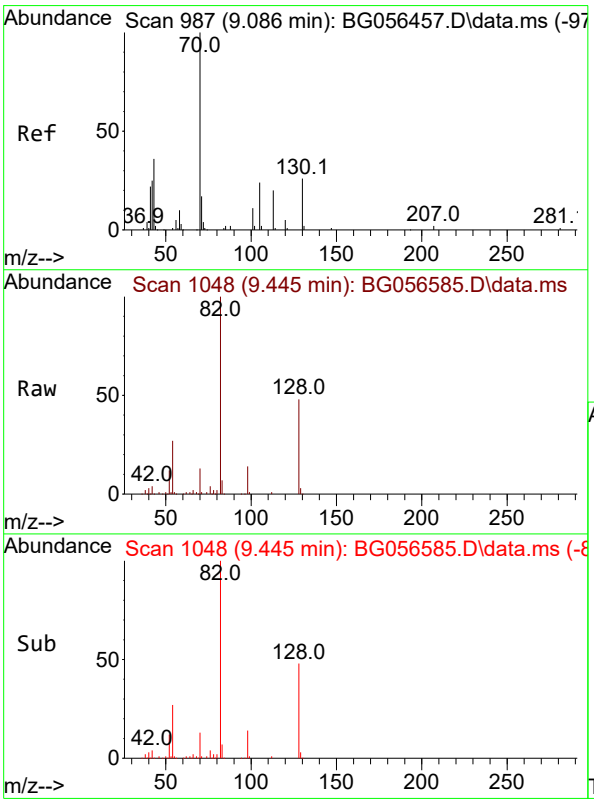
#7
Phenol-d6
Concen: 118.363 ng
RT: 7.424 min Scan# 7
Delta R.T. 0.006 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion: 99 Resp: 401778

Ion	Ratio	Lower	Upper
99	100		
42	7.8	6.6	10.0
71	29.1	23.4	35.0

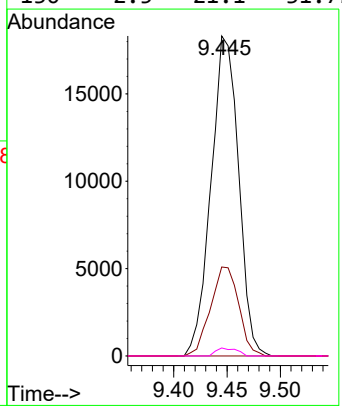


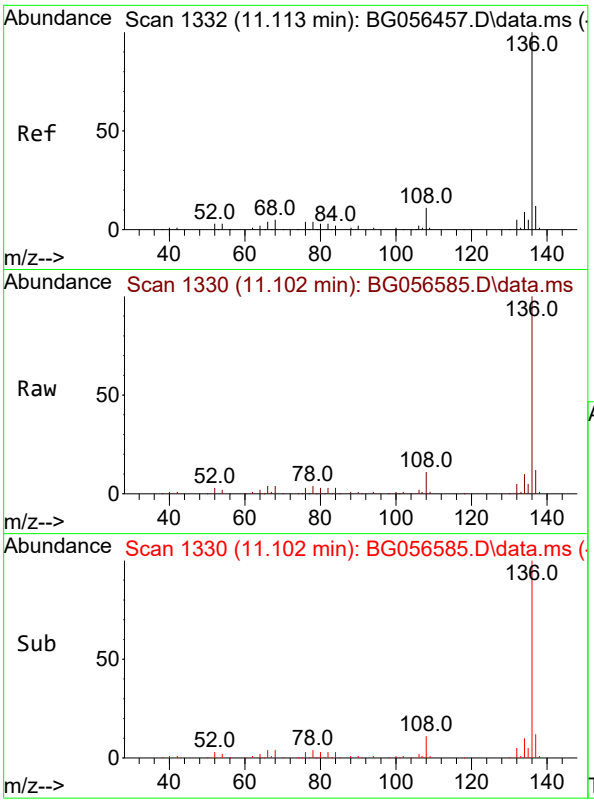


#19
n-Nitroso-di-n-propylamine
Concen: 16.775 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.371 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion: 70 Resp: 32814

Ion	Ratio	Lower	Upper
70	100		
42	27.8	20.2	30.4
101	0.0	9.1	13.7#
130	2.5	21.1	31.7#



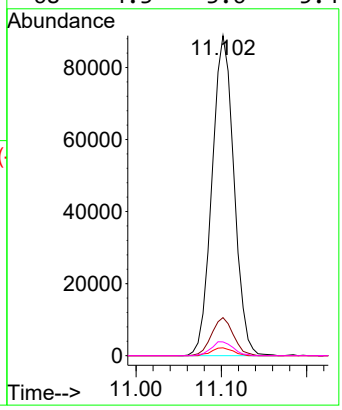


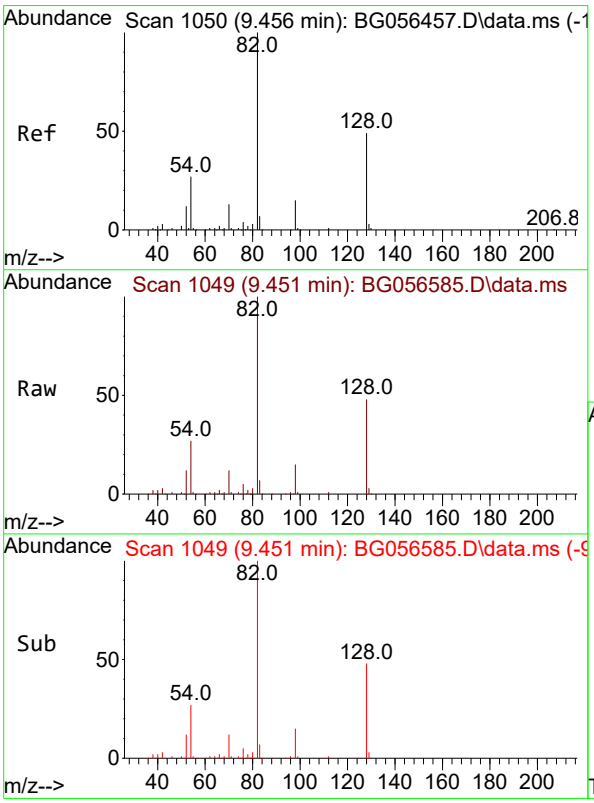
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:136 Resp: 158870

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	2.5	2.2	3.4
68	4.3	3.6	5.4

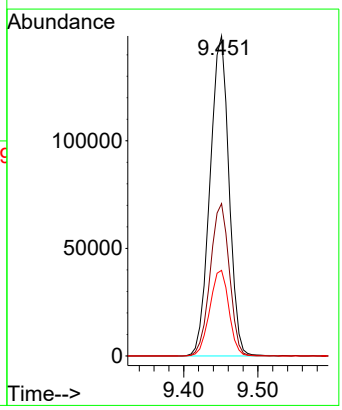


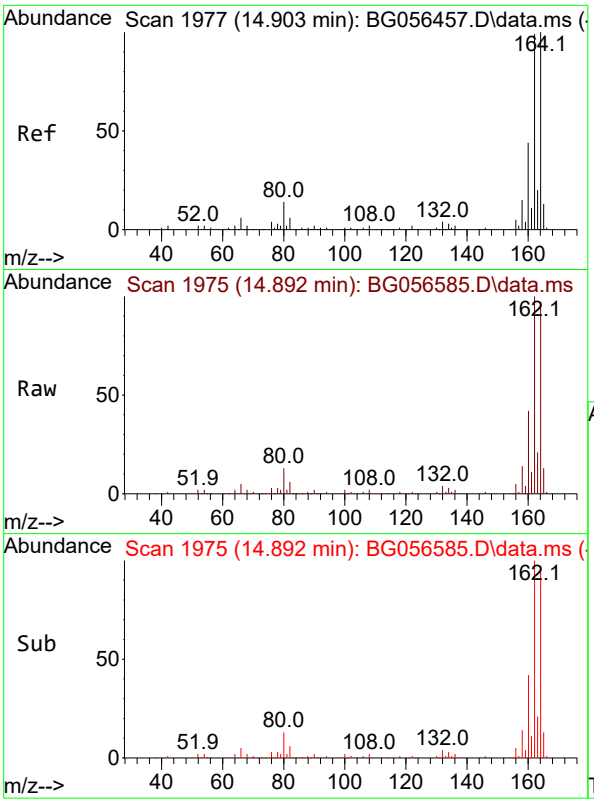


#23
Nitrobenzene-d5
Concen: 94.276 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion: 82 Resp: 263760

Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.4	59.2
54	26.7	21.4	32.2



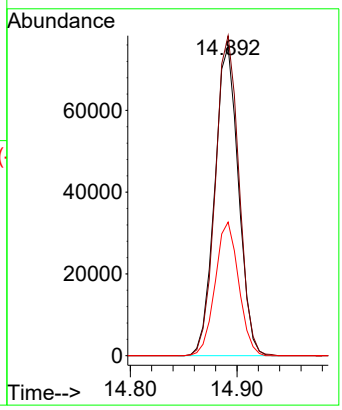


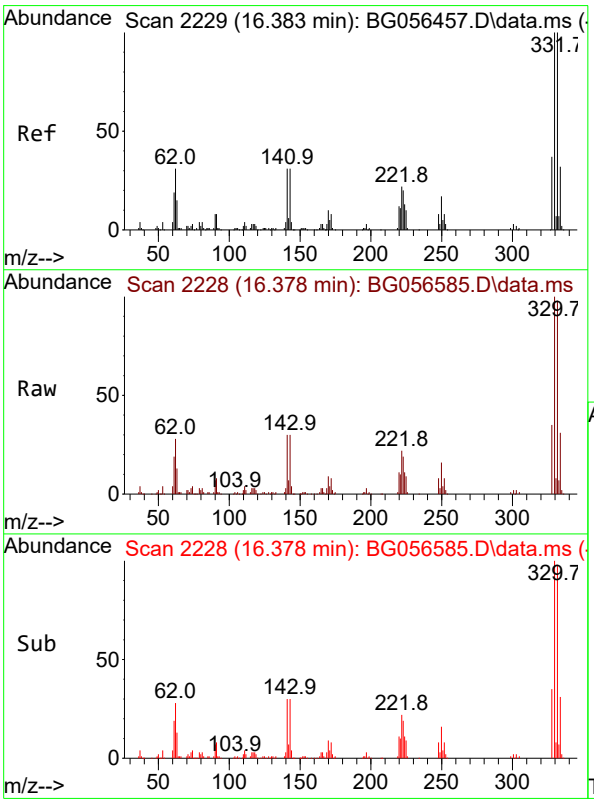
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:164 Resp: 116945

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.6	119.4
160	43.2	34.9	52.3

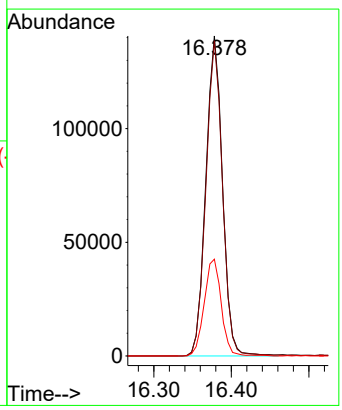


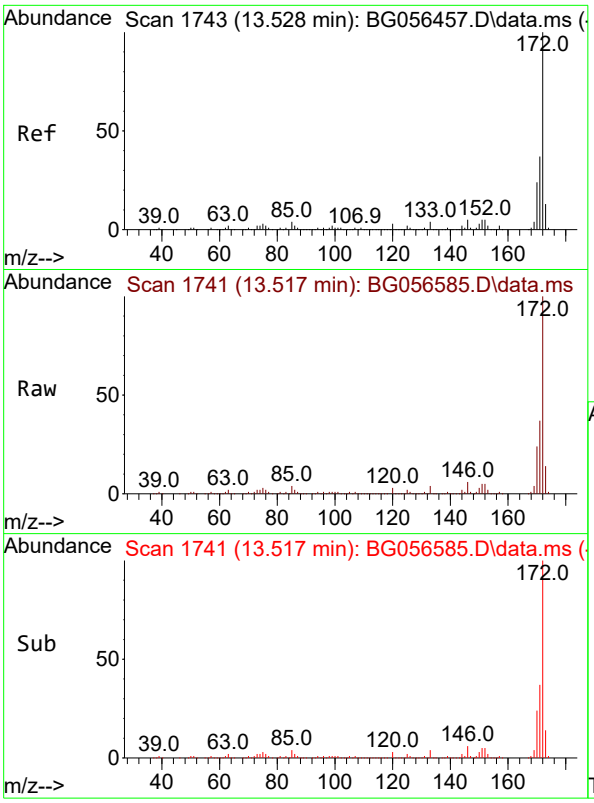


#42
2,4,6-Tribromophenol
Concen: 135.194 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:330 Resp: 210188

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.6
141	30.9	24.2	36.4



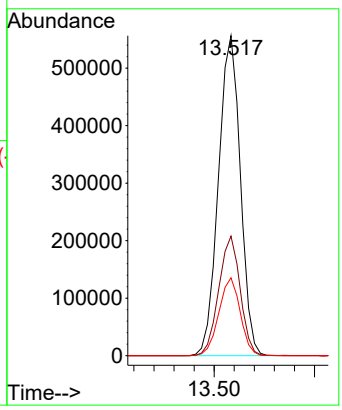


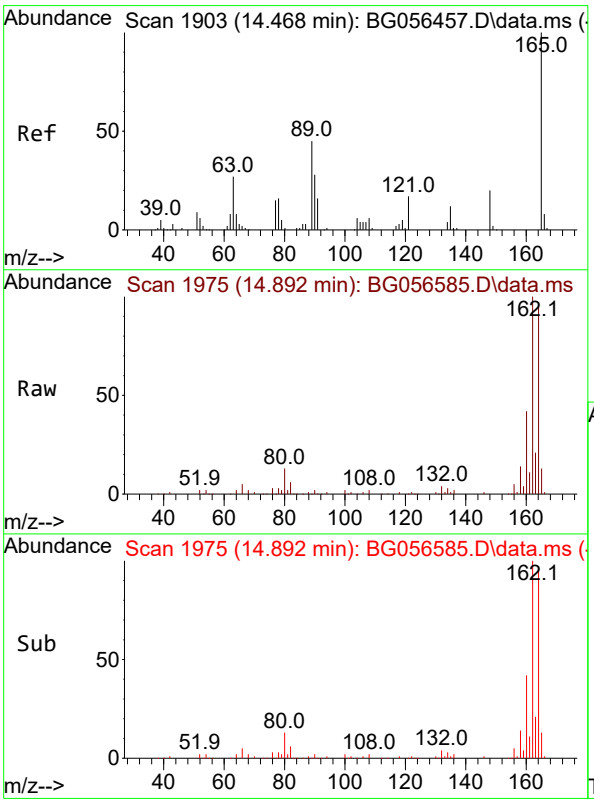
#45
2-Fluorobiphenyl
Concen: 99.968 ng
RT: 13.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:172 Resp: 843233

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	24.3	19.2	28.8

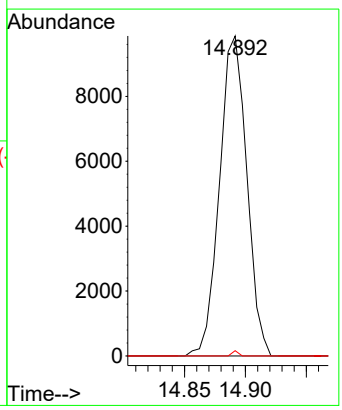


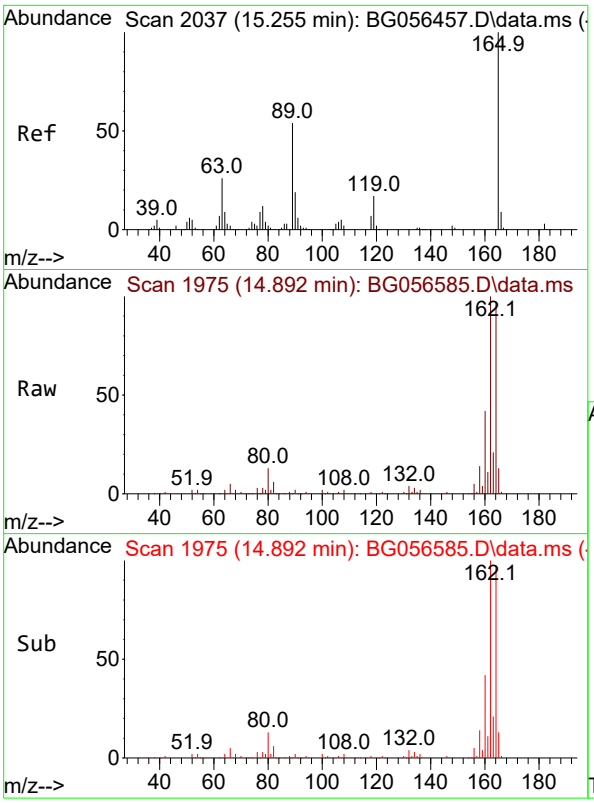


#51
2,6-Dinitrotoluene
Concen: 7.441 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.429 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:165 Resp: 15352

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.9	40.3#
89	1.7	35.6	53.4#



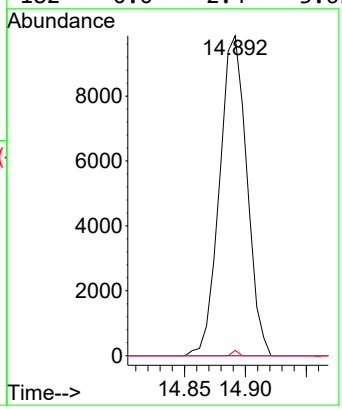


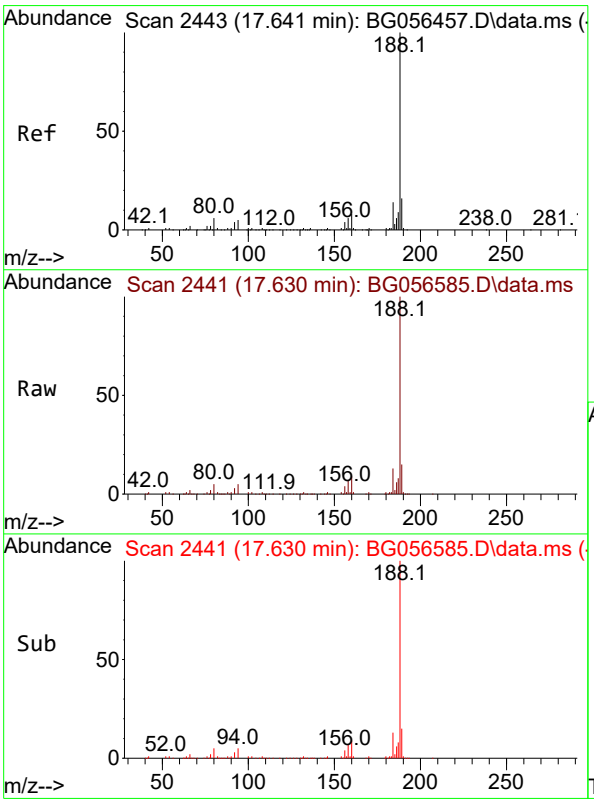
#57
2,4-Dinitrotoluene
Concen: 5.282 ng
RT: 14.892 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:165 Resp: 15352

Ion	Ratio	Lower	Upper
165	100		
63	0.0	20.6	31.0#
89	1.7	43.1	64.7#
182	0.0	2.4	3.6#

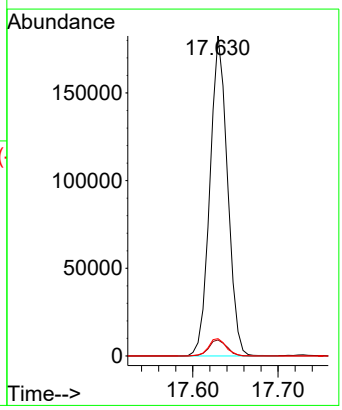


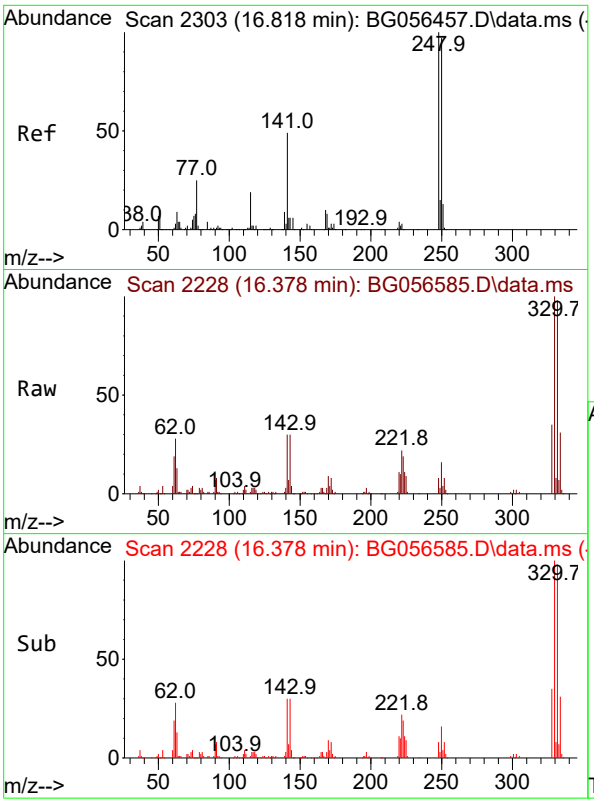


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:188 Resp: 261627

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.1	6.1
80	5.4	5.0	7.4



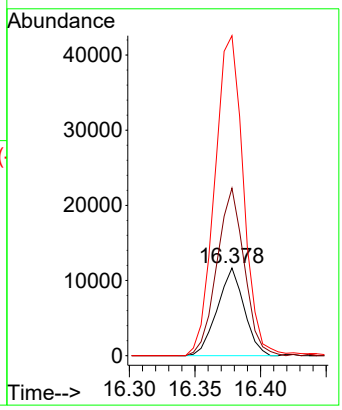


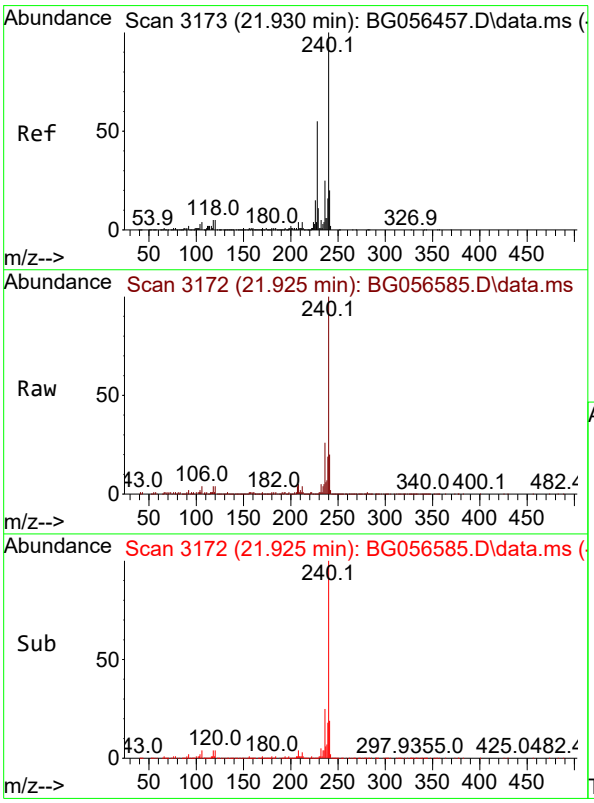
#67
4-Bromophenyl-phenylether
Concen: 4.957 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.428 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:248 Resp: 16604

Ion	Ratio	Lower	Upper
248	100		
250	190.9	77.6	116.4#
141	364.9	39.0	58.4#

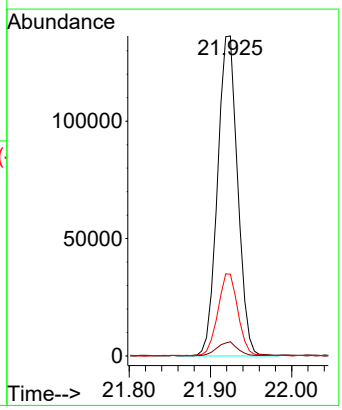


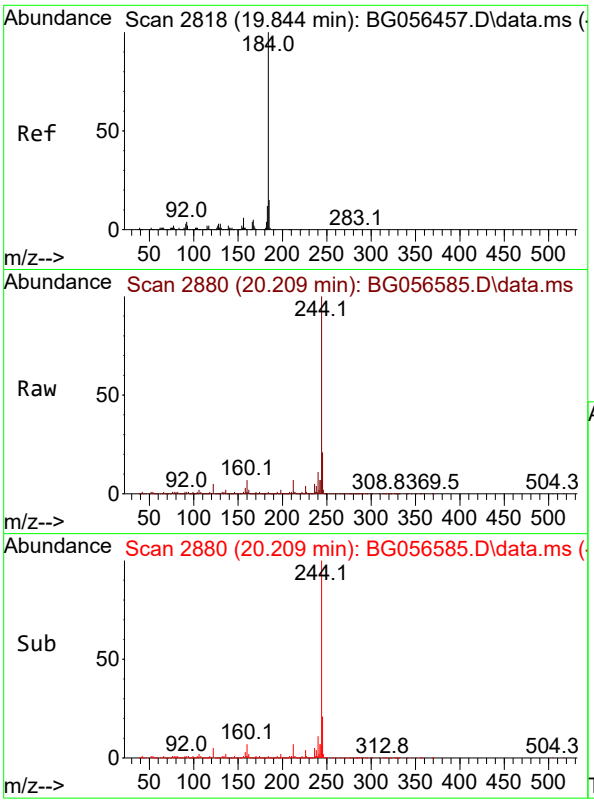


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:240 Resp: 235058

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.8	5.8
236	25.6	20.2	30.2



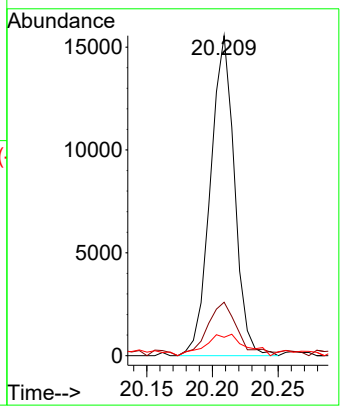


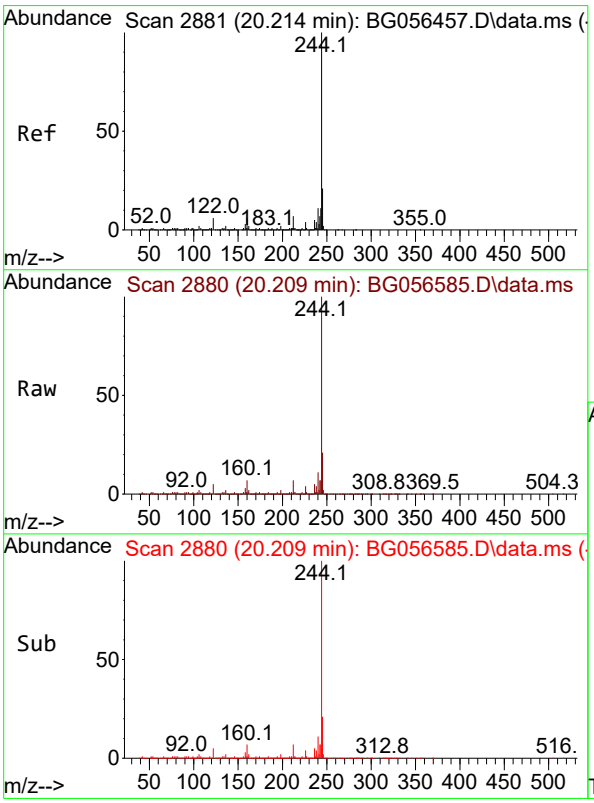
#77
Benzidine
Concen: 3.123 ng
RT: 20.209 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:184 Resp: 19868

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.3	18.5
183	5.7	9.8	14.8#

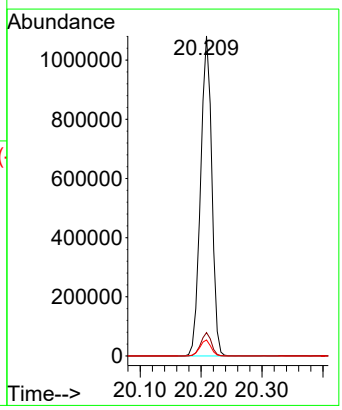


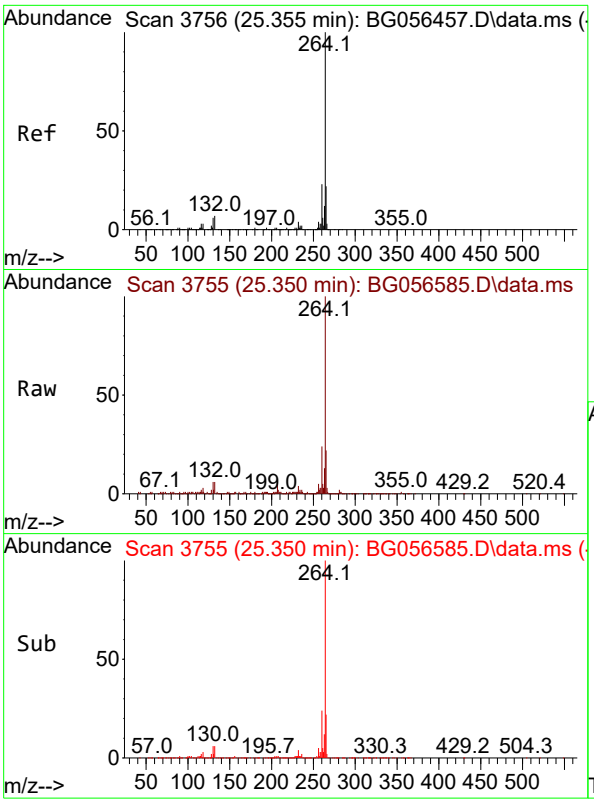


#79
Terphenyl-d14
Concen: 103.541 ng
RT: 20.209 min Scan# 2880
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:244 Resp: 1385708

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	5.0	4.4	6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

Tgt Ion:264 Resp: 255131

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.2	18.1	27.1