Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056587.D
Acq On : 8 Feb 2023 18:37
Operator : CG/JU
Sample : 01445-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Quant Time: Feb 09 02:08:27 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	8.268	152	41259	20.000	ng	0.00
21) Naphthalene-d8	11.100	136	153298	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	114605	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	268453	20.000	ng	0.00
76) Chrysene-d12	21.922	240	245389	20.000	ng	0.00
86) Perylene-d12	25.348	264	268839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	325786	145.255	ng	0.00
7) Phenol-d6	7.428	99	417157	125.530	ng	0.01
23) Nitrobenzene-d5	9.449	82	252915	93.685	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	218136	143.171	ng	0.00
45) 2-Fluorobiphenyl	13.515	172	816916	98.826	ng	0.00
79) Terphenyl-d14	20.207	244	1419416	101.594	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.428	77	690	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.449	70	30826	16.096	ng	# 70
51) 2,6-Dinitrotoluene	14.889	165	14426	7.135	ng	# 37
57) 2,4-Dinitrotoluene	14.889	165	14426	5.065	ng	# 37
67) 4-Bromophenyl-phenylether	16.376	248	17286	5.030	ng	# 1
77) Benzidine	20.207	184	20181	3.039	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056587.D
Acq On : 8 Feb 2023 18:37
Operator : CG/JU
Sample : 01445-08
Misc :
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Instrument :
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ClientSampleId :
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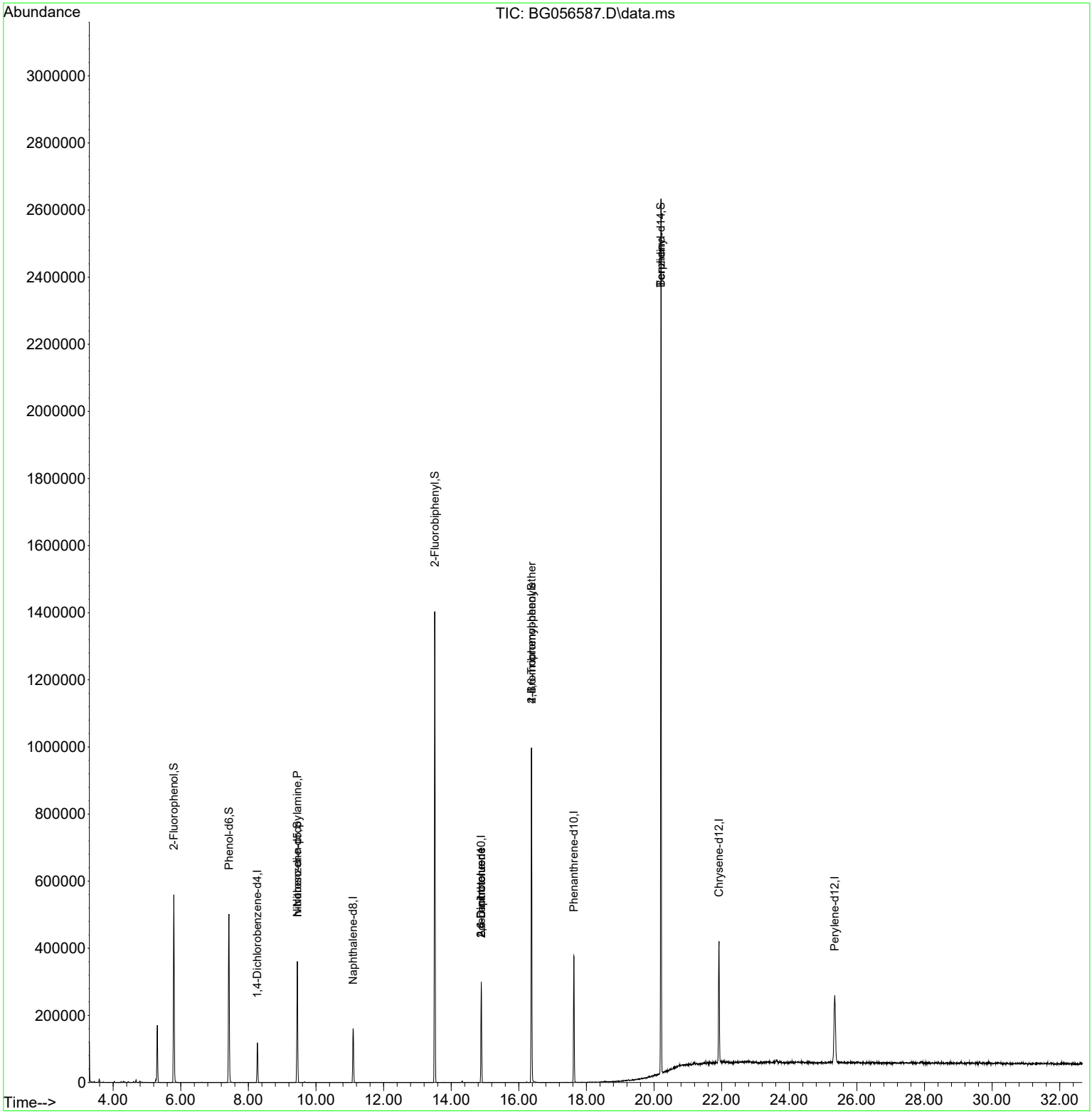
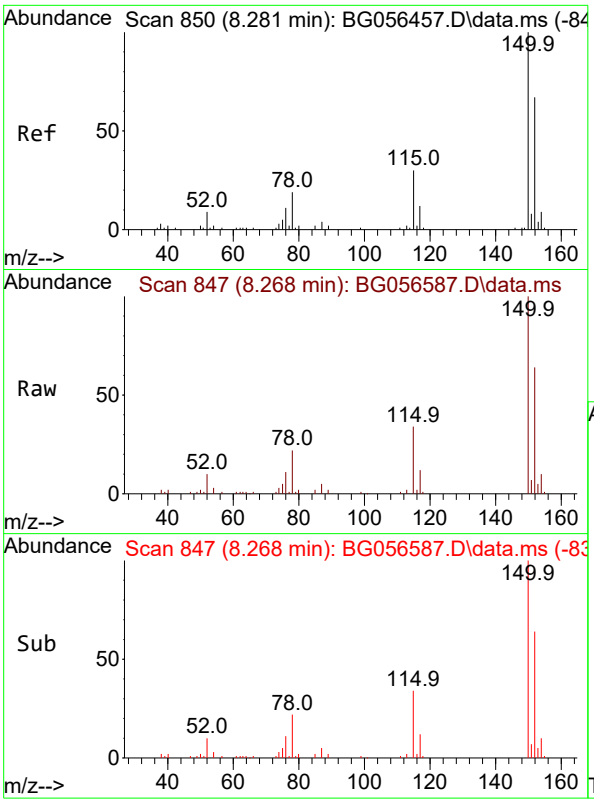
Quant Time: Feb 09 02:08:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration



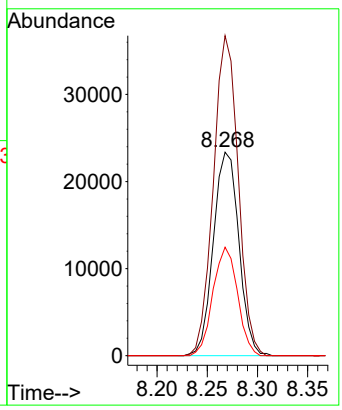


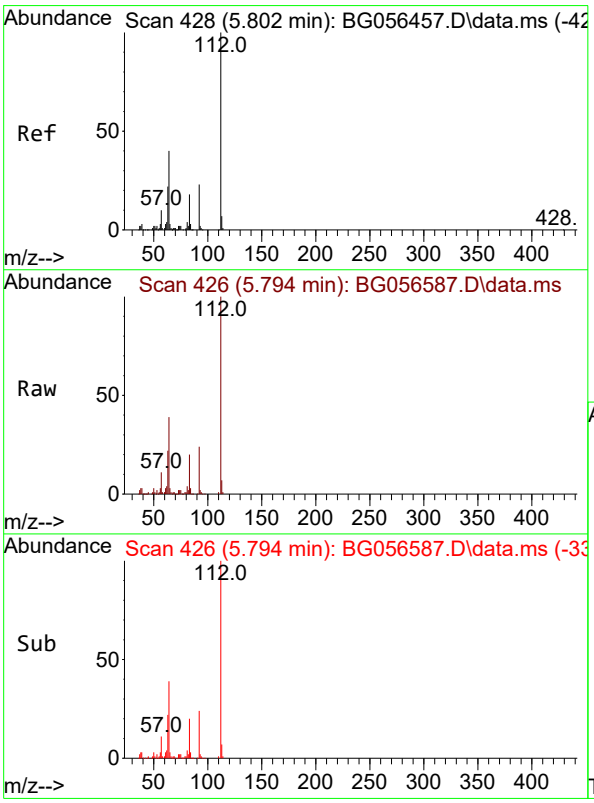
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.268 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:152 Resp: 41259

Ion	Ratio	Lower	Upper
152	100		
150	157.2	120.2	180.4
115	53.3	36.3	54.5

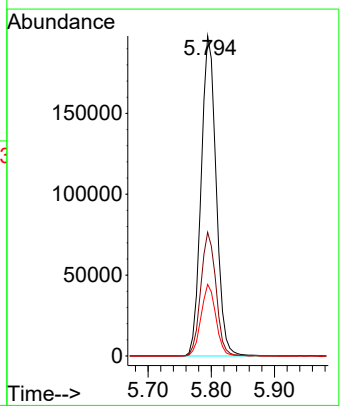


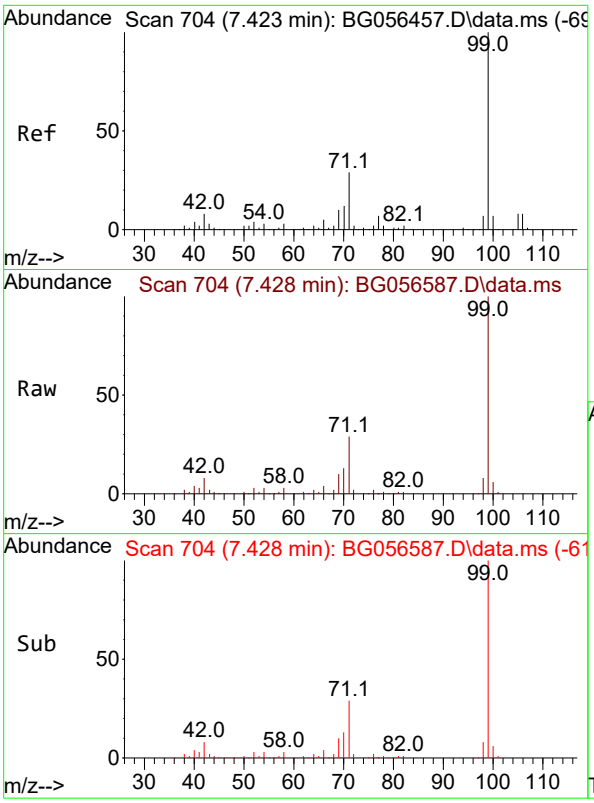


#5
2-Fluorophenol
Concen: 145.255 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.004 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:112 Resp: 325786

Ion	Ratio	Lower	Upper
112	100		
64	38.6	31.9	47.9
63	22.4	17.4	26.0



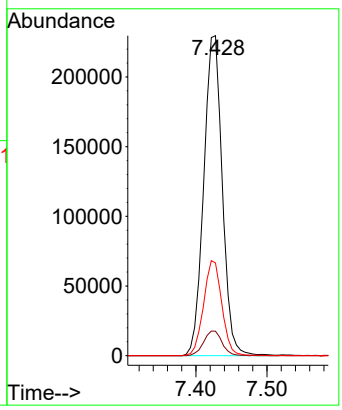


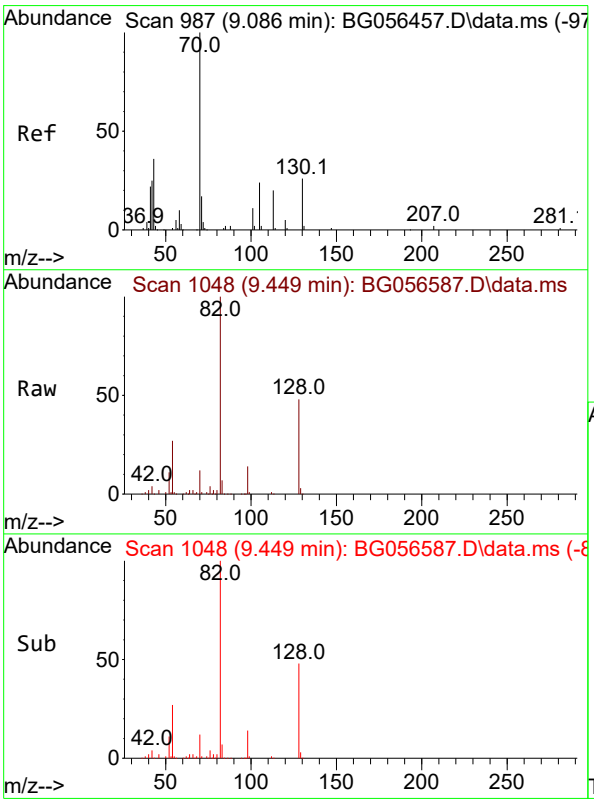
#7
Phenol-d6
Concen: 125.530 ng
RT: 7.428 min Scan# 7
Delta R.T. 0.010 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion: 99 Resp: 417157

Ion	Ratio	Lower	Upper
99	100		
42	7.7	6.6	10.0
71	29.0	23.4	35.0

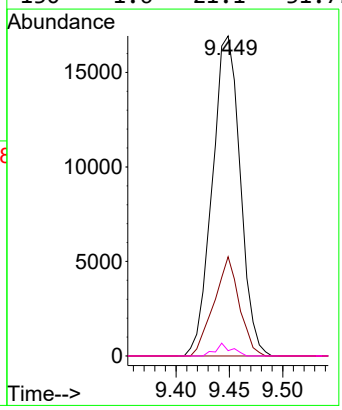


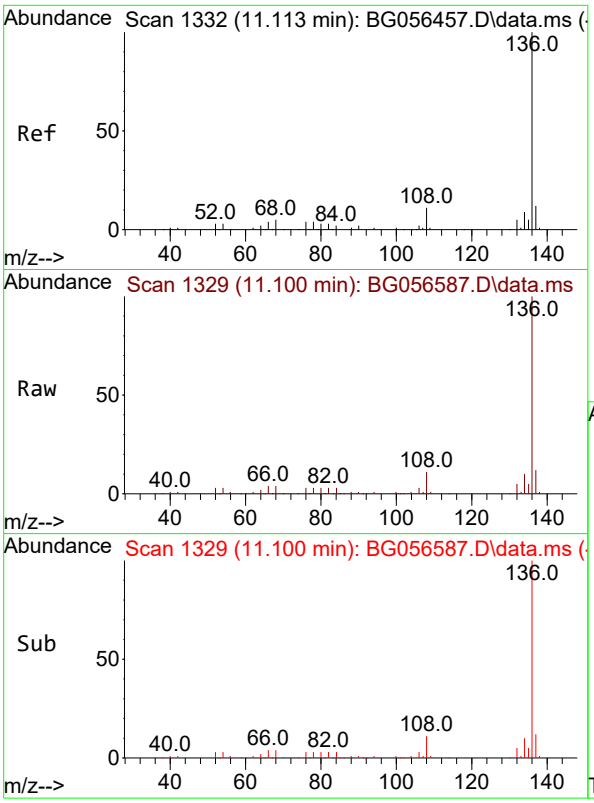


#19
n-Nitroso-di-n-propylamine
Concen: 16.096 ng
RT: 9.449 min Scan# 1048
Delta R.T. 0.374 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion: 70 Resp: 30826

Ion	Ratio	Lower	Upper
70	100		
42	31.0	20.2	30.4#
101	0.0	9.1	13.7#
130	1.6	21.1	31.7#



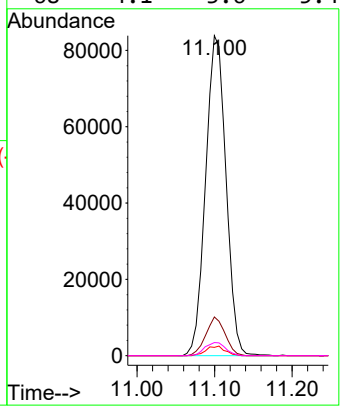


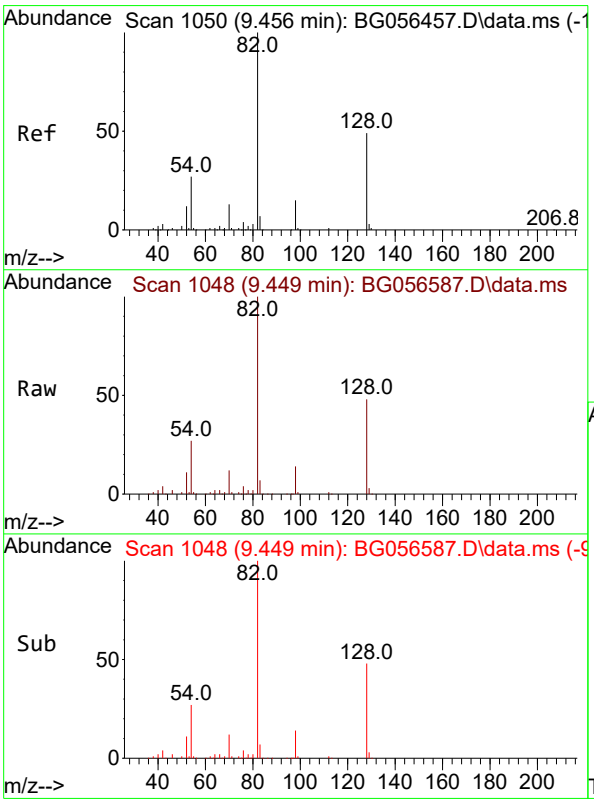
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:136 Resp: 153298

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	2.6	2.2	3.4
68	4.1	3.6	5.4

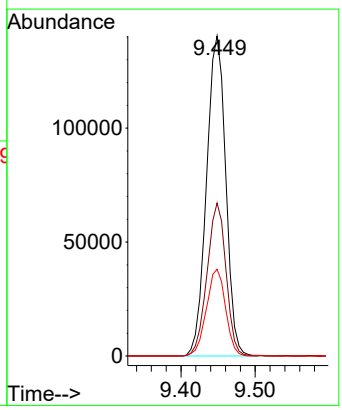


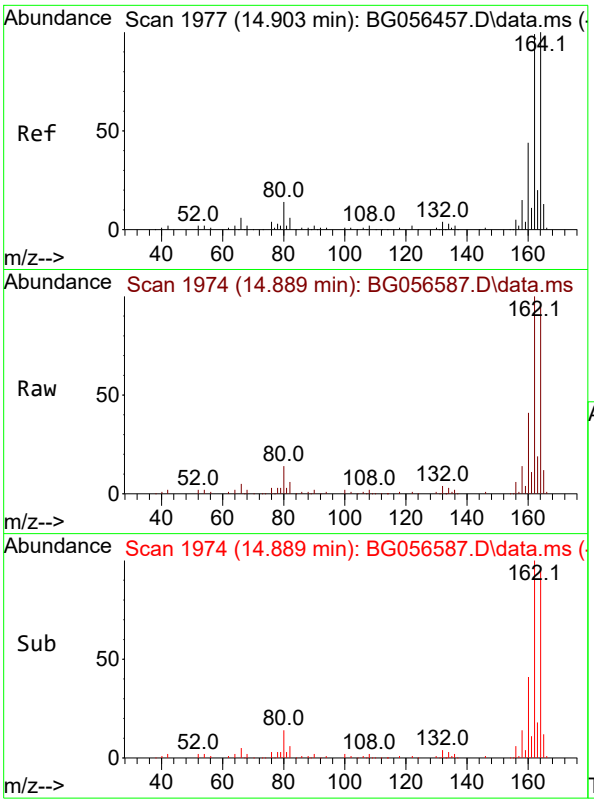


#23
Nitrobenzene-d5
Concen: 93.685 ng
RT: 9.449 min Scan# 1048
Delta R.T. 0.004 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion: 82 Resp: 252915

Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.4	59.2
54	27.1	21.4	32.2



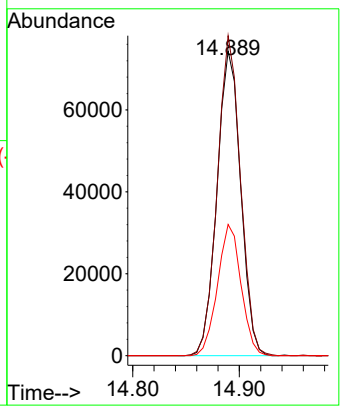


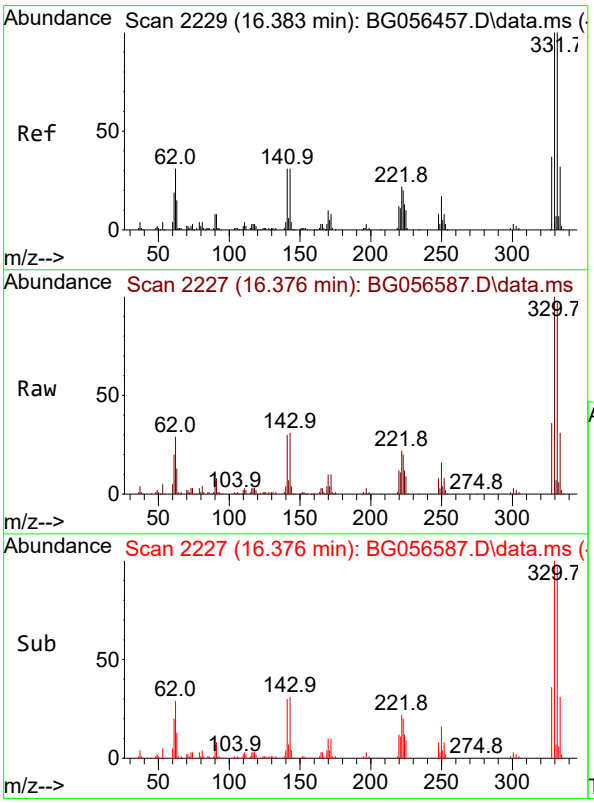
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.889 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:164 Resp: 114605

Ion	Ratio	Lower	Upper
164	100		
162	105.0	79.6	119.4
160	43.1	34.9	52.3

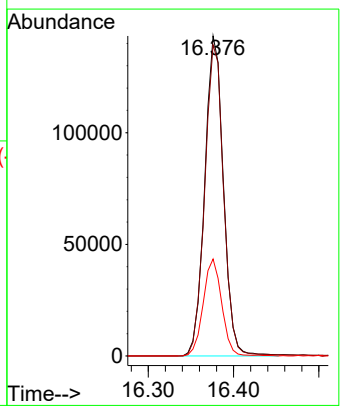


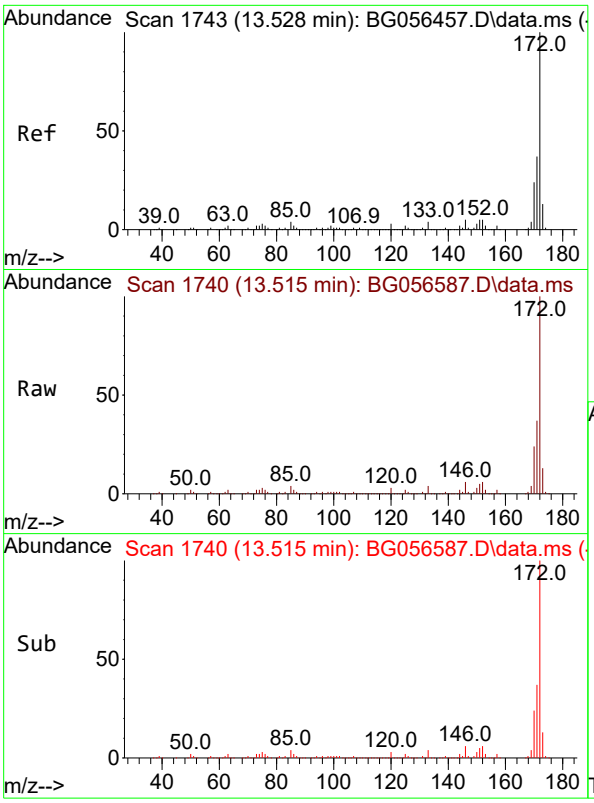


#42
2,4,6-Tribromophenol
Concen: 143.171 ng
RT: 16.376 min Scan# 2227
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:330 Resp: 218136

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.6
141	30.1	24.2	36.4



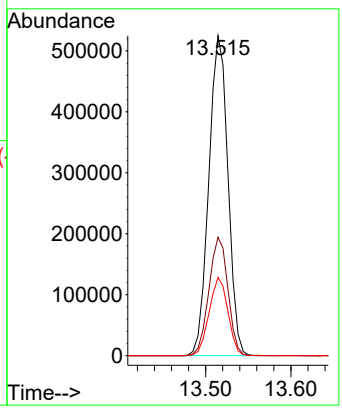


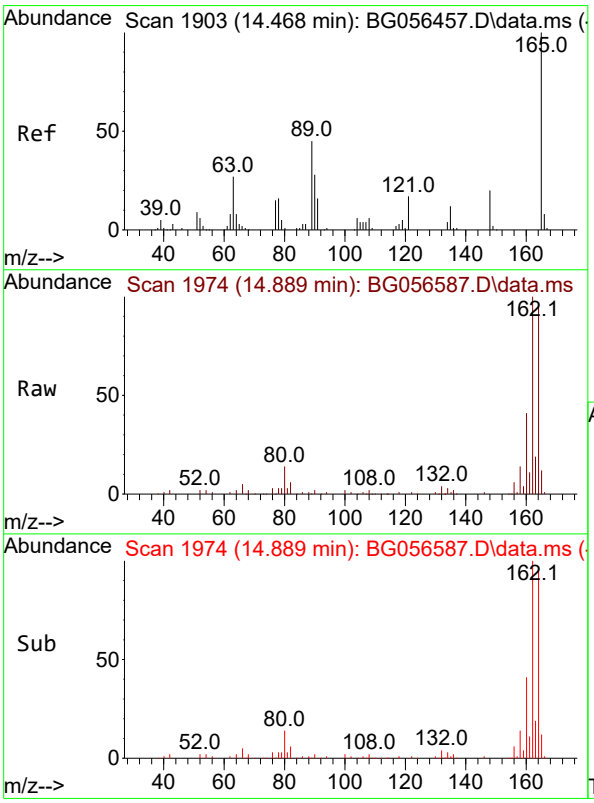
#45
2-Fluorobiphenyl
Concen: 98.826 ng
RT: 13.515 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:172 Resp: 816916

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.5	19.2	28.8

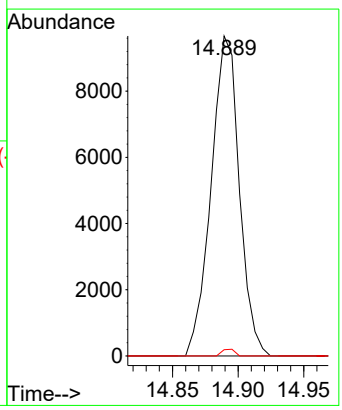


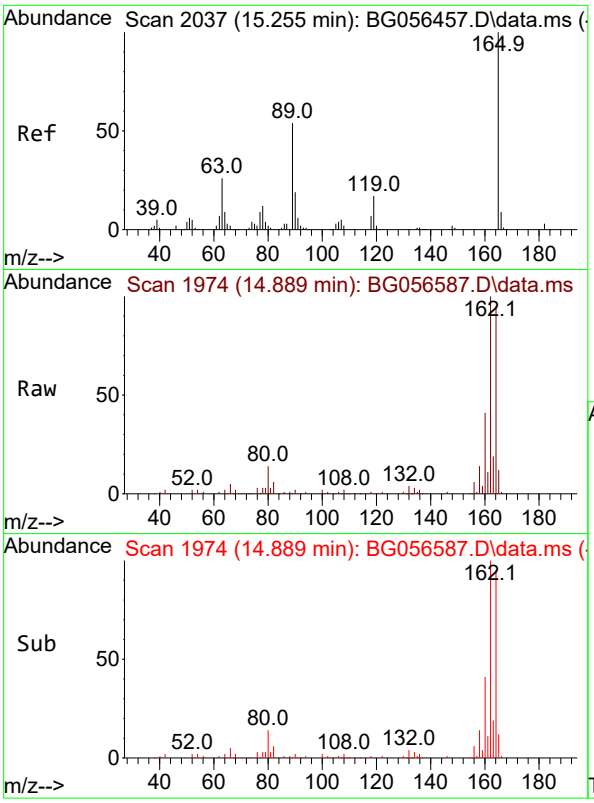


#51
2,6-Dinitrotoluene
Concen: 7.135 ng
RT: 14.889 min Scan# 1974
Delta R.T. 0.427 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:165 Resp: 14426

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.9	40.3#
89	2.0	35.6	53.4#



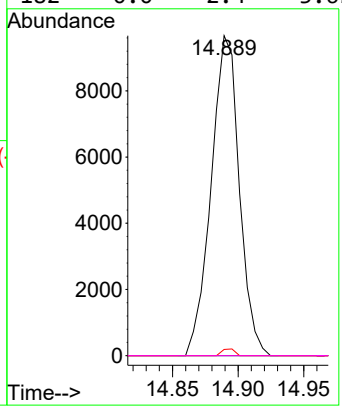


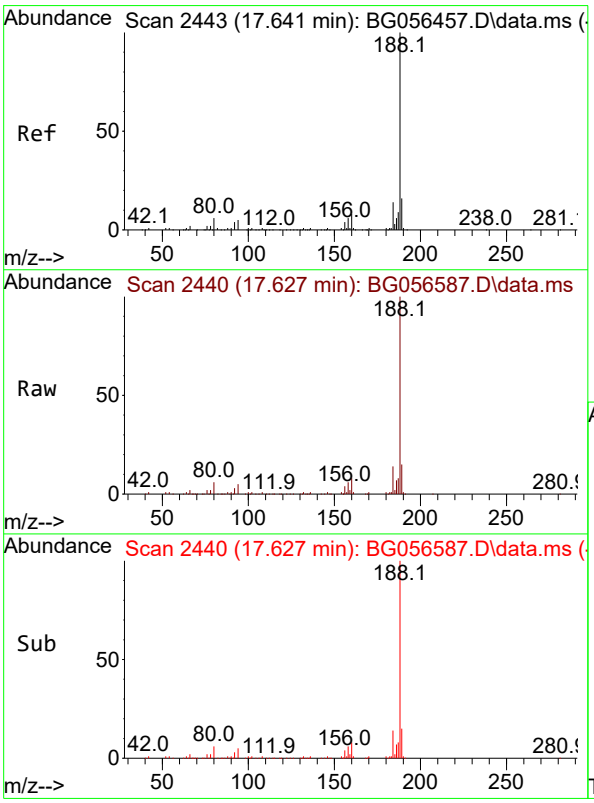
#57
2,4-Dinitrotoluene
Concen: 5.065 ng
RT: 14.889 min Scan# 1
Delta R.T. -0.360 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:165 Resp: 14426

Ion	Ratio	Lower	Upper
165	100		
63	0.0	20.6	31.0#
89	2.0	43.1	64.7#
182	0.0	2.4	3.6#

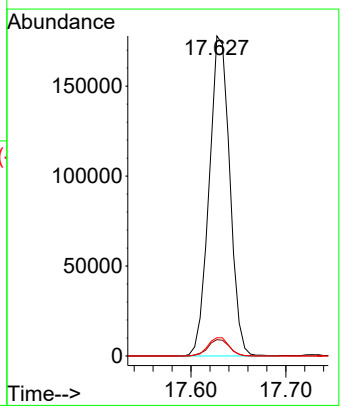


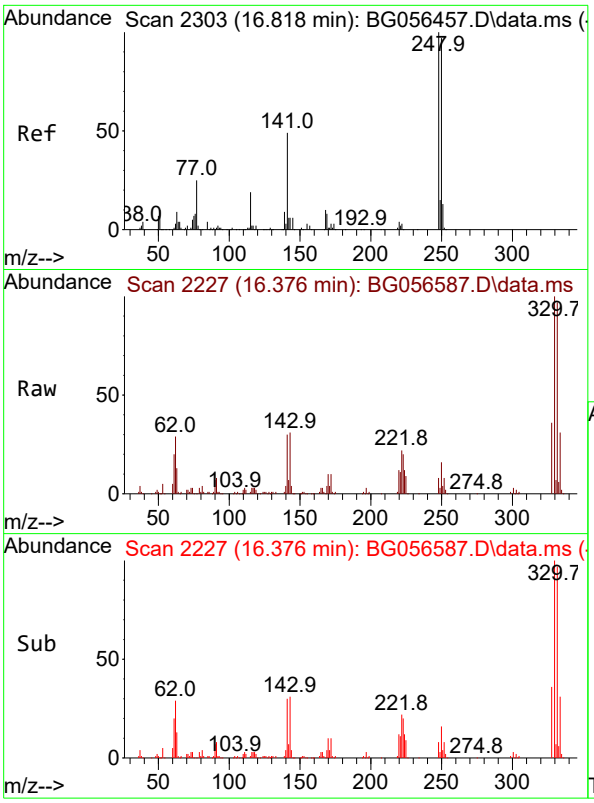


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2440
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:188 Resp: 268453

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.1	6.1
80	5.7	5.0	7.4



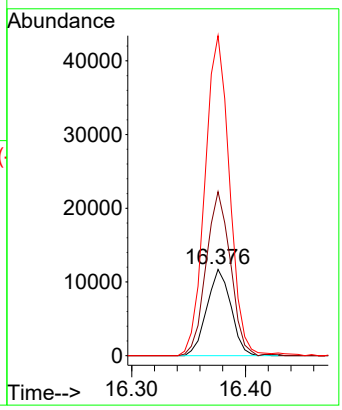


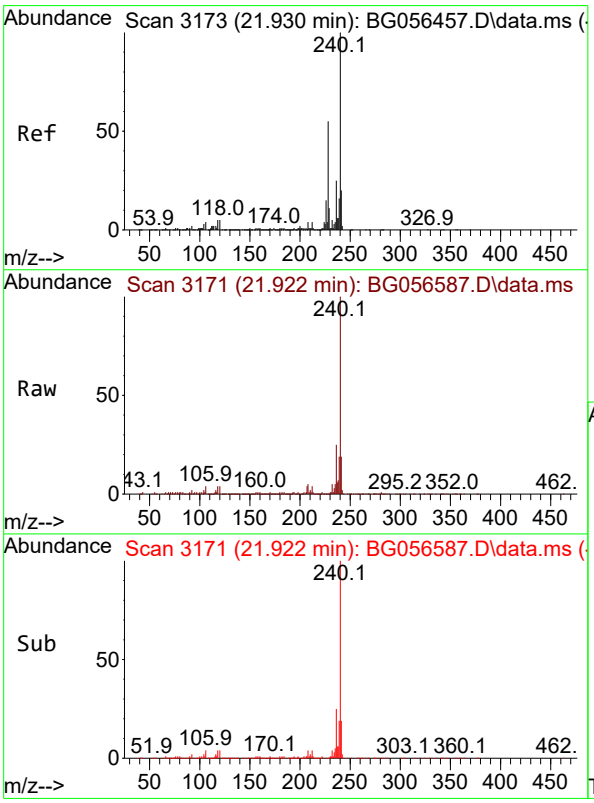
#67
4-Bromophenyl-phenylether
Concen: 5.030 ng
RT: 16.376 min Scan# 2
Delta R.T. -0.431 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:248 Resp: 17286

Ion	Ratio	Lower	Upper
248	100		
250	190.0	77.6	116.4#
141	370.7	39.0	58.4#

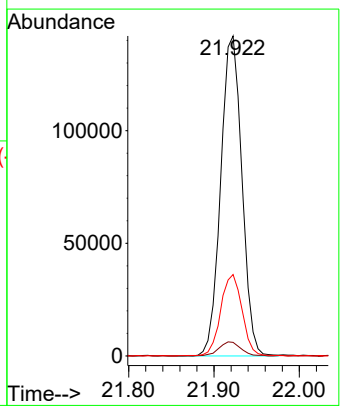


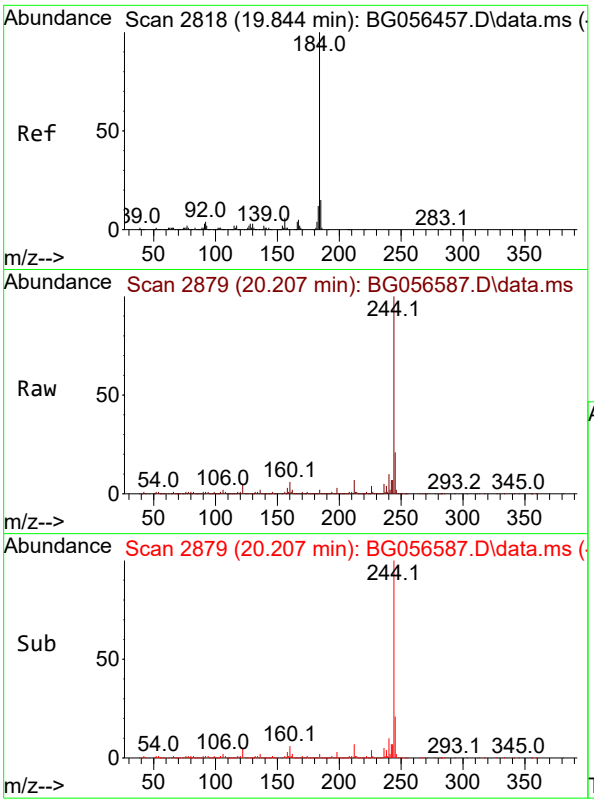


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:240 Resp: 245389

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.8	5.8
236	25.5	20.2	30.2



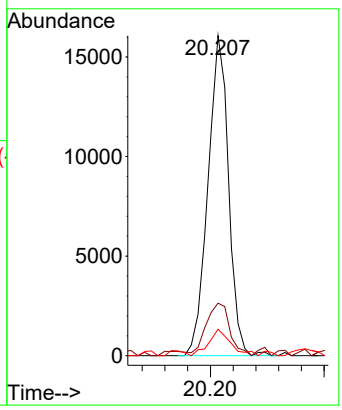


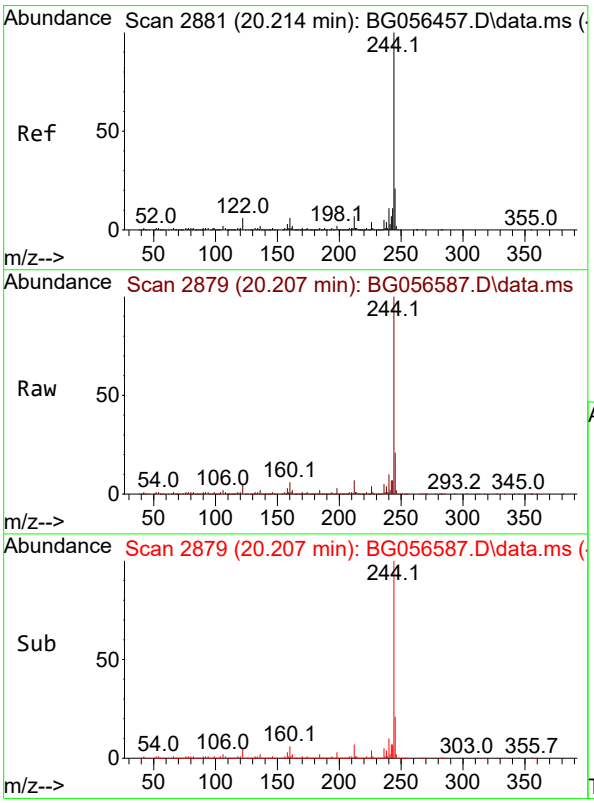
#77
Benzidine
Concen: 3.039 ng
RT: 20.207 min Scan# 2
Delta R.T. 0.374 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:184 Resp: 20181

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.3	18.5
183	8.3	9.8	14.8#

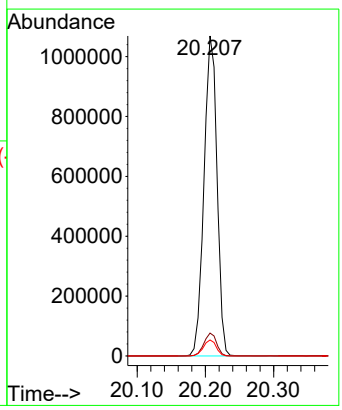


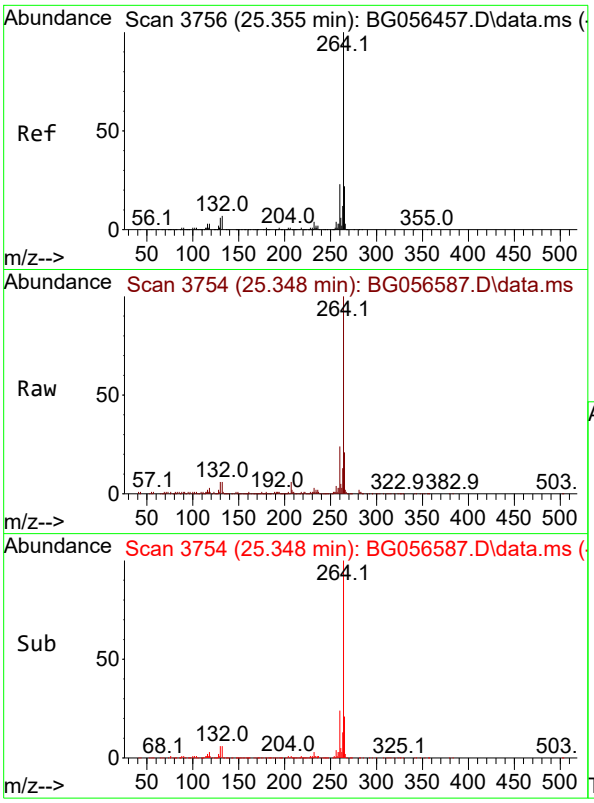


#79
Terphenyl-d14
Concen: 101.594 ng
RT: 20.207 min Scan# 2879
Delta R.T. -0.002 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Tgt Ion:244 Resp: 1419416

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	5.0	4.4	6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.348 min Scan# 3
Delta R.T. 0.010 min
Lab File: BG056587.D
Acq: 8 Feb 2023 18:37

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

Tgt Ion:264 Resp: 268839

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.2	18.1	27.1