Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
Data File : BG056301.D
Acq On : 16 Jan 2023 18:09
Operator : CG/JU
Sample : 01129-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Time: Jan 17 05:26:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	46221	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	164985	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	124448	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	338278	20.000	ng	0.00
76) Chrysene-d12	21.957	240	345953	20.000	ng	# 0.00
86) Perylene-d12	25.400	264	369245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	400559	154.734	ng	0.00
7) Phenol-d6	7.450	99	497148	125.053	ng	0.00
23) Nitrobenzene-d5	9.489	82	324397	100.575	ng	0.00
42) 2,4,6-Tribromophenol	16.404	330	255664	162.212	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	962639	106.816	ng	0.00
79) Terphenyl-d14	20.241	244	2043963	105.819	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.489	70	39360	16.282	ng	# 75
51) 2,6-Dinitrotoluene	14.930	165	17069	7.974	ng	# 31
57) 2,4-Dinitrotoluene	14.930	165	17069	5.702	ng	# 28
67) 4-Bromophenyl-phenylether	16.404	248	21009	4.877	ng	# 1
77) Benzidine	20.241	184	29879	2.465	ng	# 94

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

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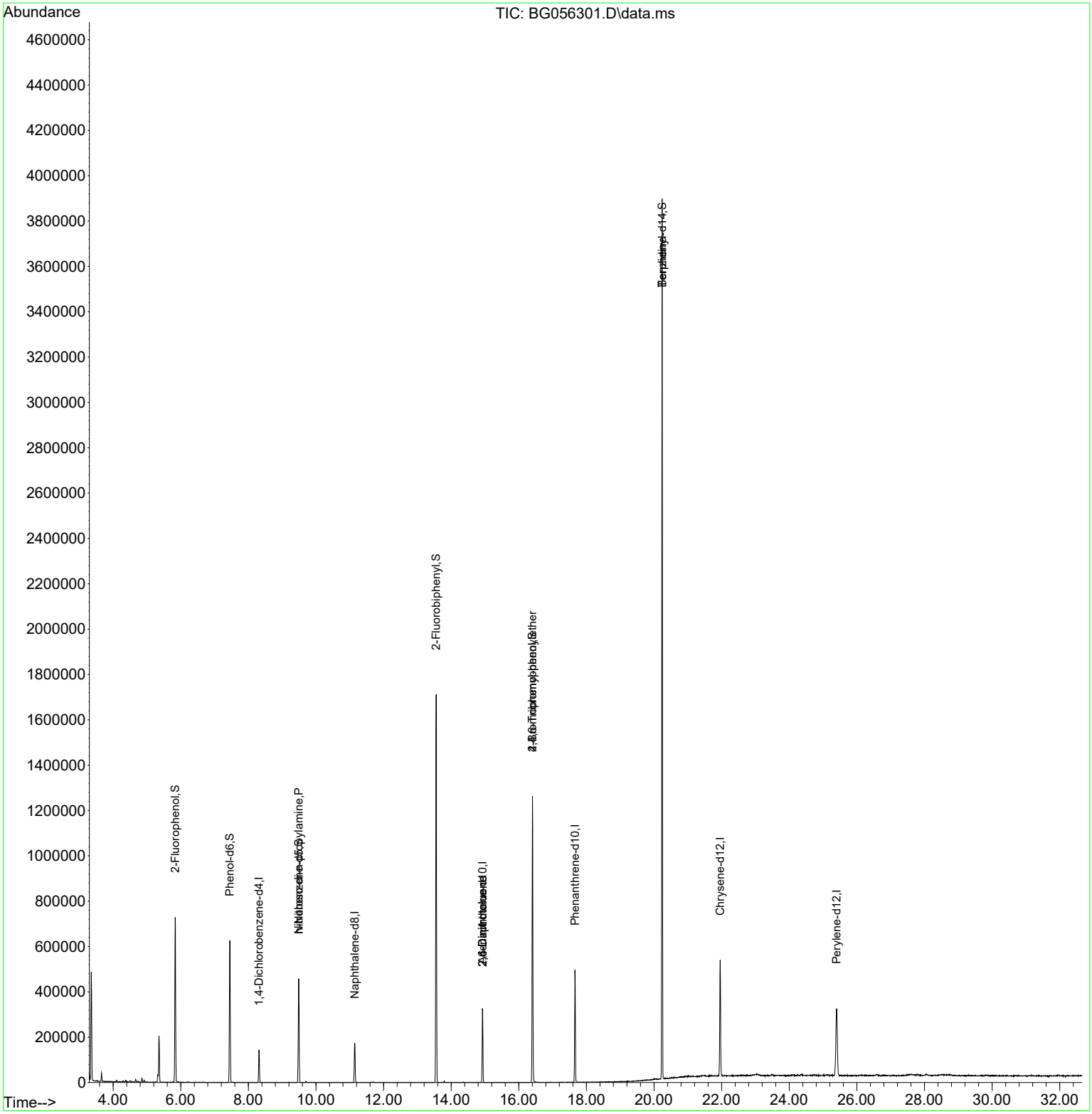
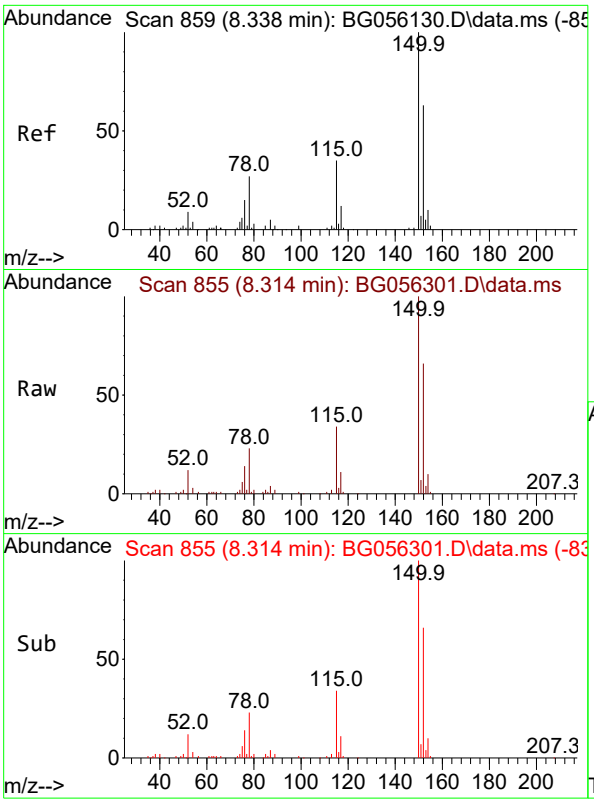


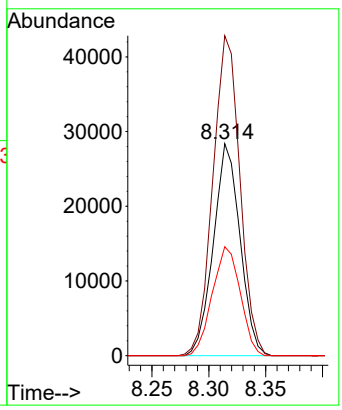


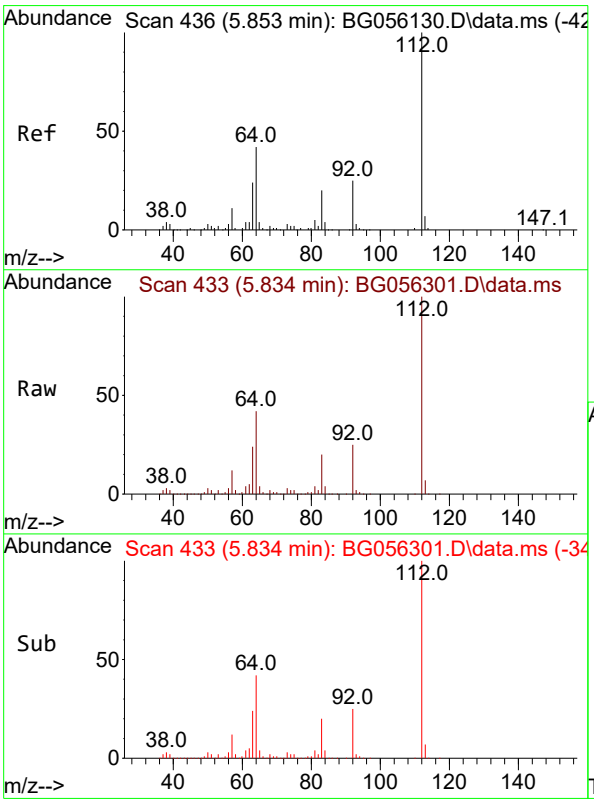
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.314 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:152 Resp: 46221

Ion	Ratio	Lower	Upper
152	100		
150	150.9	127.9	191.9
115	51.4	44.2	66.2

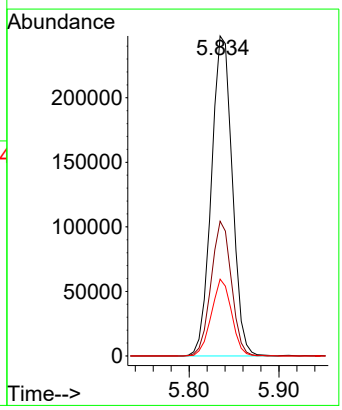


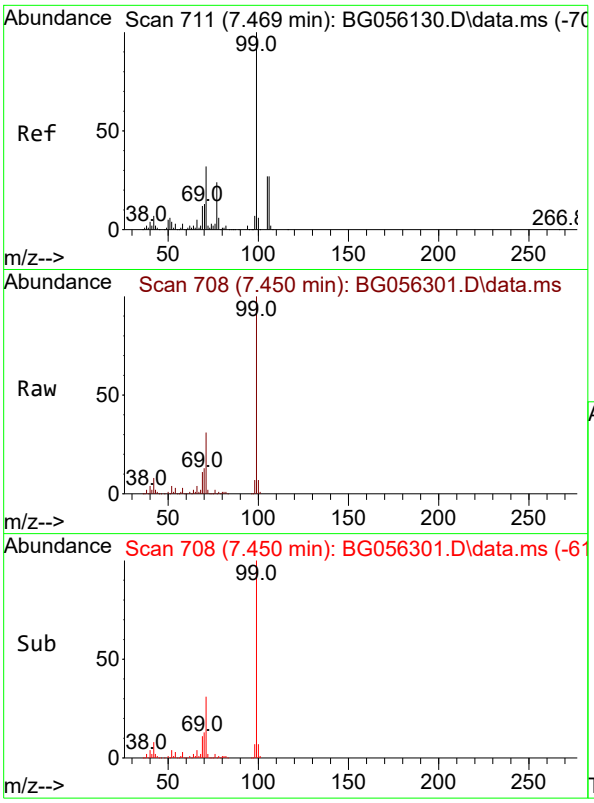


#5
2-Fluorophenol
Concen: 154.734 ng
RT: 5.834 min Scan# 433
Delta R.T. 0.009 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion:112 Resp: 400559

Ion	Ratio	Lower	Upper
112	100		
64	42.1	33.3	49.9
63	24.0	19.0	28.4



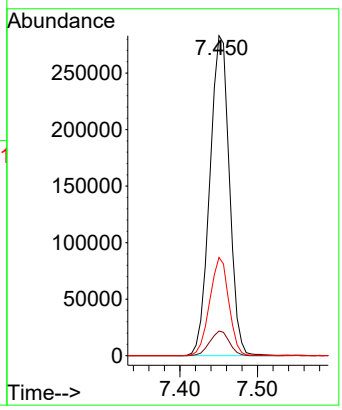


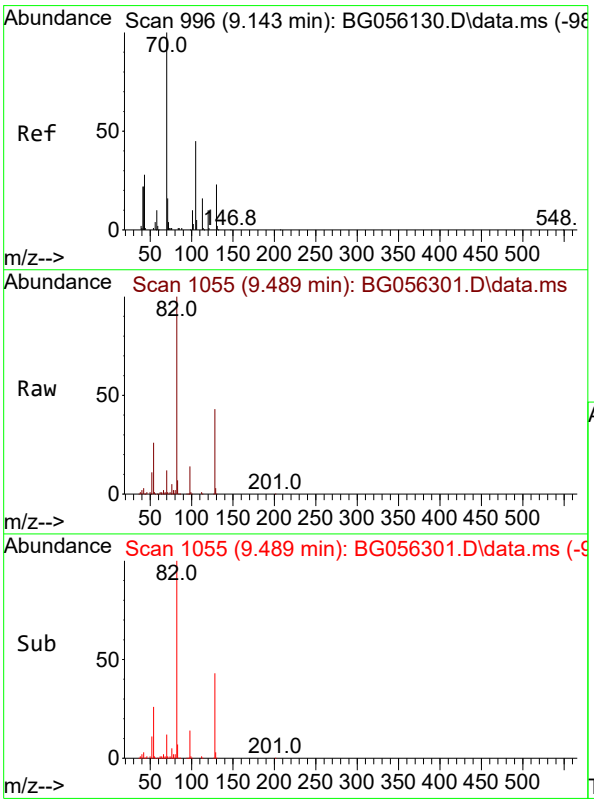
#7
Phenol-d6
Concen: 125.053 ng
RT: 7.450 min Scan# 7(
Delta R.T. 0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion: 99 Resp: 497148

Ion	Ratio	Lower	Upper
99	100		
42	7.7	5.9	8.9
71	30.7	25.4	38.2

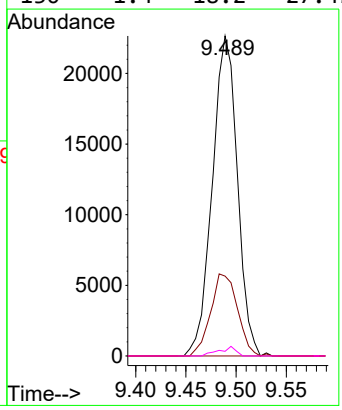


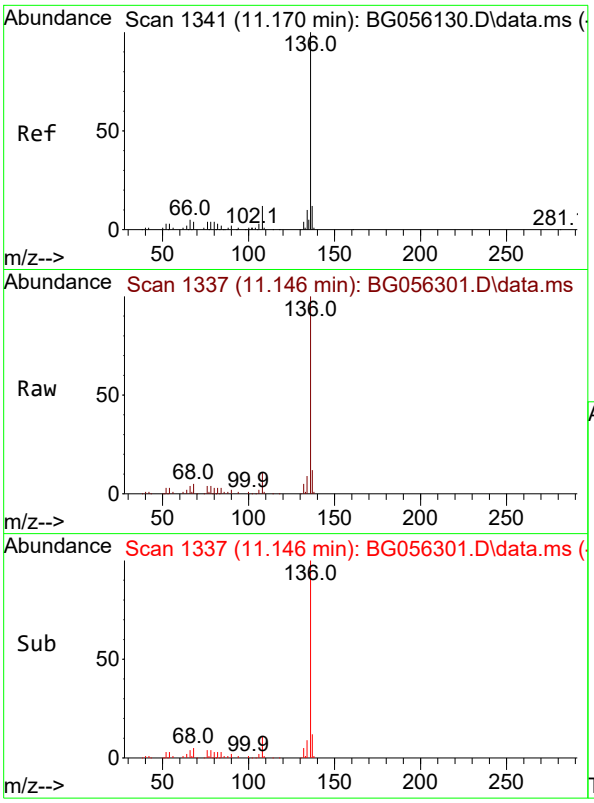


#19
n-Nitroso-di-n-propylamine
Concen: 16.282 ng
RT: 9.489 min Scan# 1055
Delta R.T. 0.373 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion: 70 Resp: 39360

Ion	Ratio	Lower	Upper
70	100		
42	24.9	18.2	27.2
101	0.0	8.3	12.5#
130	1.4	18.2	27.4#



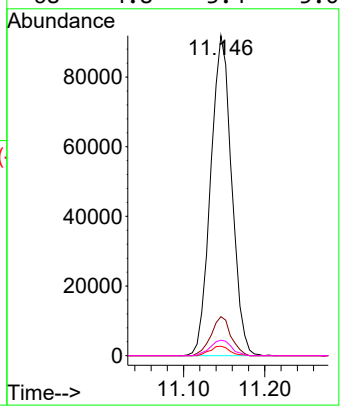


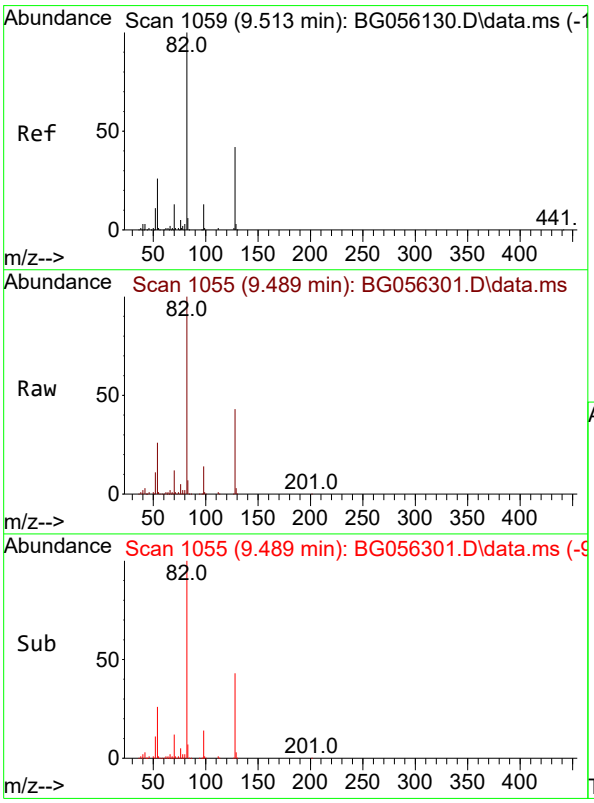
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.146 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:136 Resp: 164985

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.0
54	3.0	2.2	3.2
68	4.8	3.4	5.0

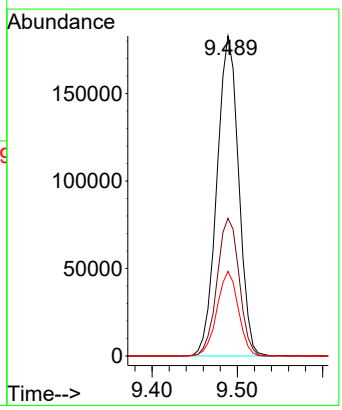


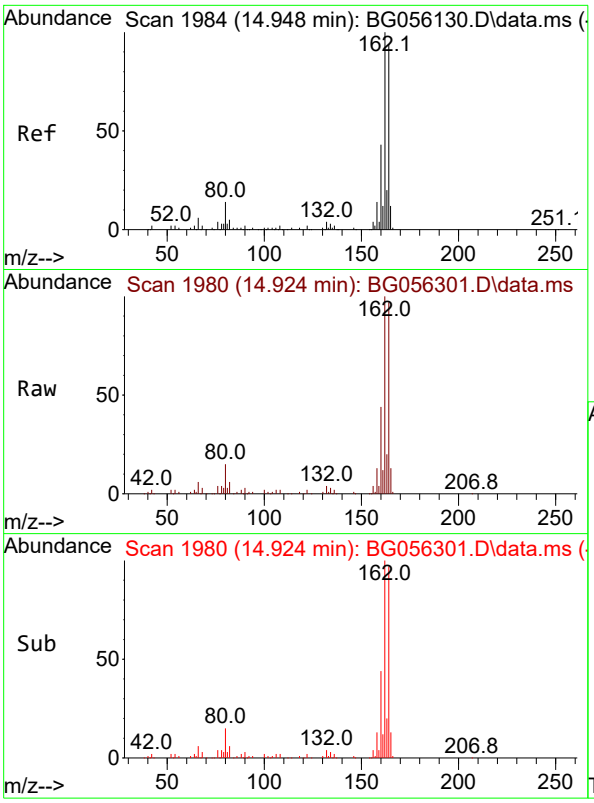


#23
Nitrobenzene-d5
Concen: 100.575 ng
RT: 9.489 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion: 82 Resp: 324397

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.2
54	26.5	20.3	30.5



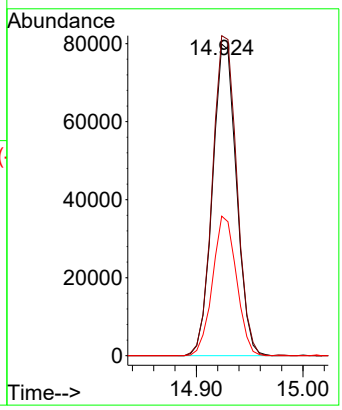


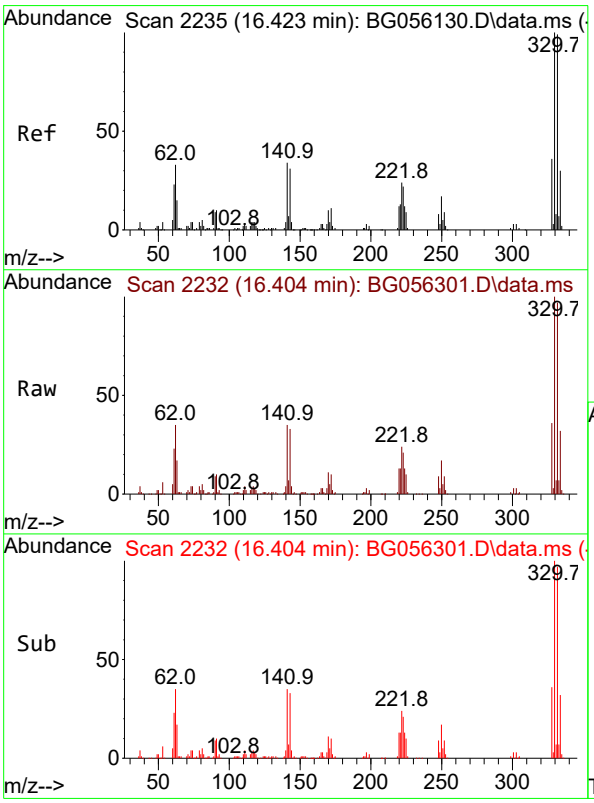
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:164 Resp: 124448

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.7	127.1
160	44.8	36.3	54.5

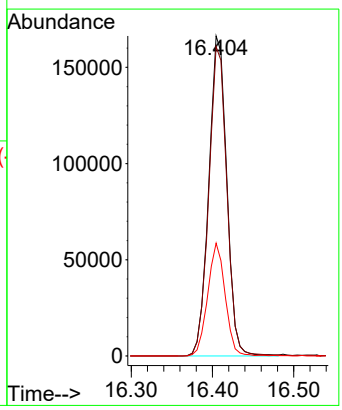


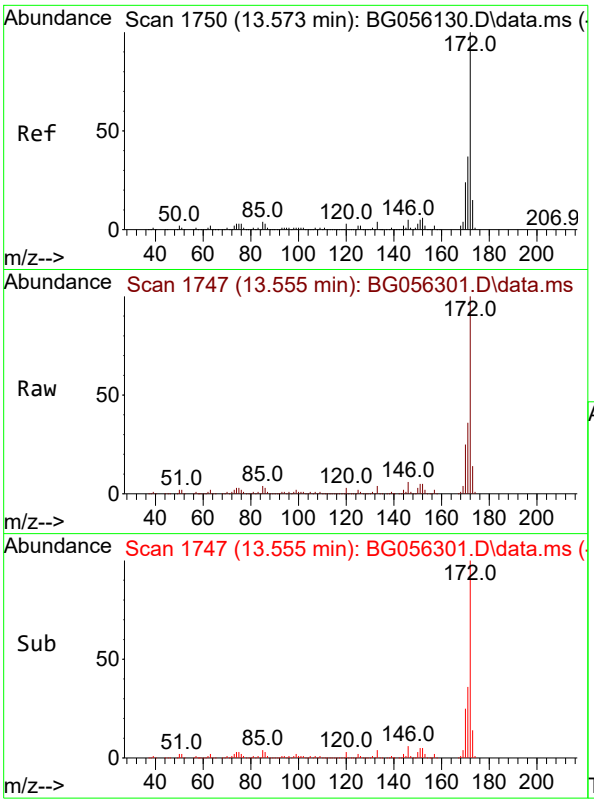


#42
2,4,6-Tribromophenol
Concen: 162.212 ng
RT: 16.404 min Scan# 2232
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion:330 Resp: 255664

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	34.2	27.9	41.9



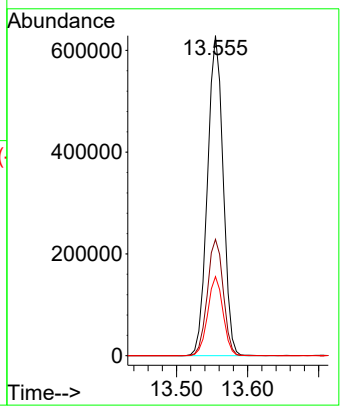


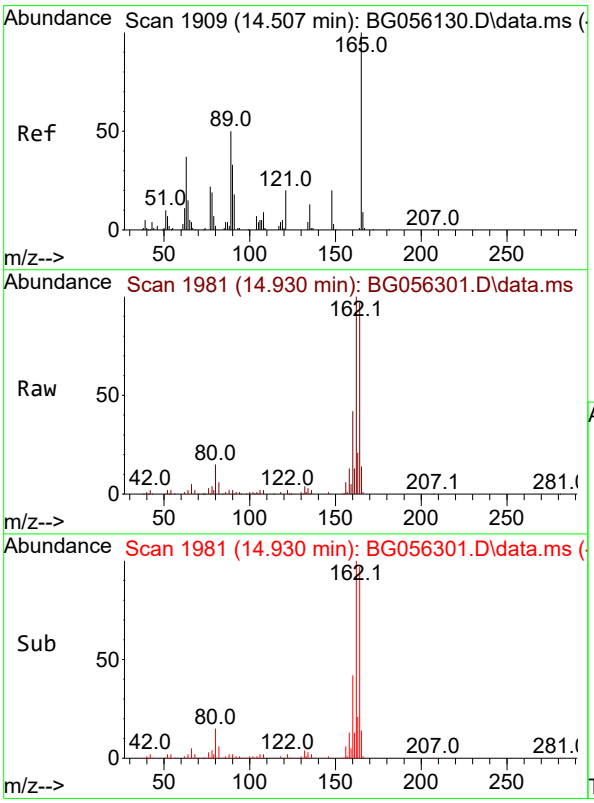
#45
2-Fluorobiphenyl
Concen: 106.816 ng
RT: 13.555 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:172 Resp: 962639

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.7	19.4	29.2

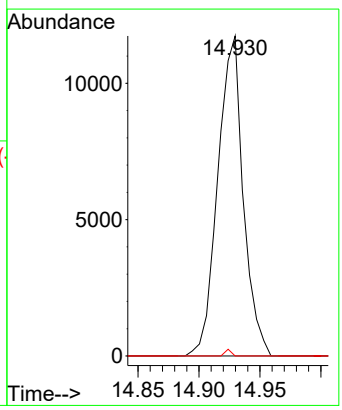


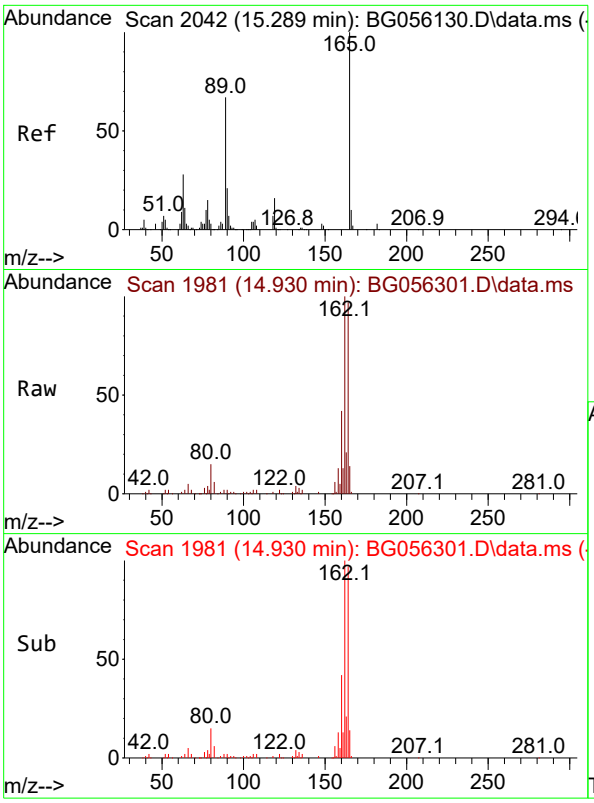


#51
2,6-Dinitrotoluene
Concen: 7.974 ng
RT: 14.930 min Scan# 1981
Delta R.T. 0.438 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion:165 Resp: 17069

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	0.0	39.8	59.8#



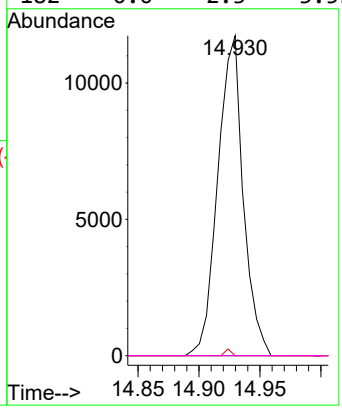


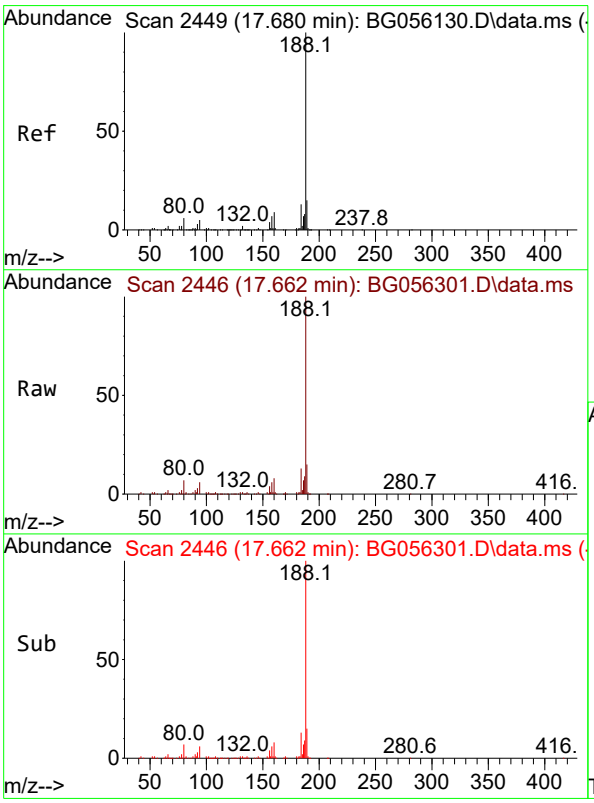
#57
2,4-Dinitrotoluene
Concen: 5.702 ng
RT: 14.930 min Scan# 1
Delta R.T. -0.344 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:165 Resp: 17069

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.6	34.0#
89	0.0	53.2	79.8#
182	0.0	2.3	3.5#

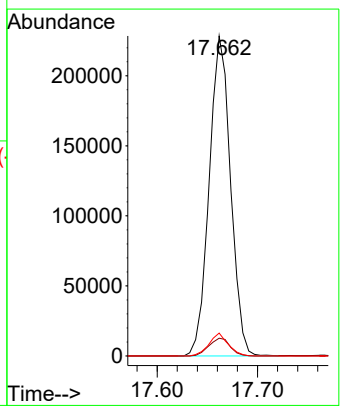


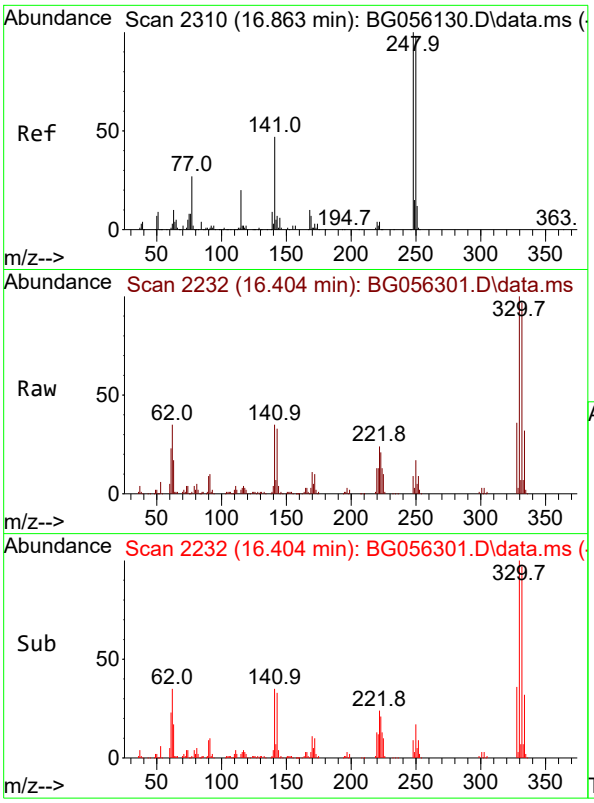


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.662 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion:188 Resp: 338278

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	7.2	5.0	7.4



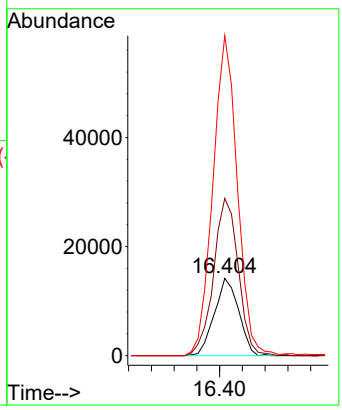


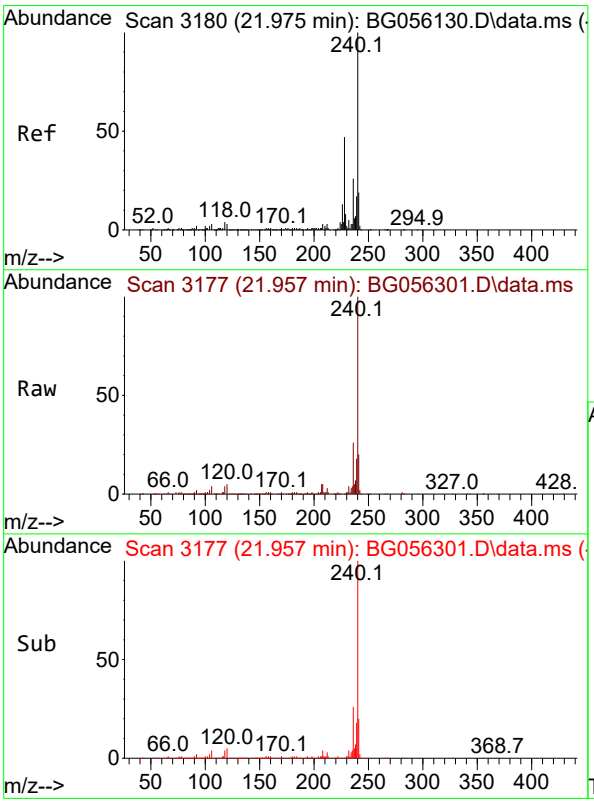
#67
4-Bromophenyl-phenylether
Concen: 4.877 ng
RT: 16.404 min Scan# 2
Delta R.T. -0.443 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:248 Resp: 21009

Ion	Ratio	Lower	Upper
248	100		
250	155.6	78.2	117.4#
141	316.5	37.6	56.4#

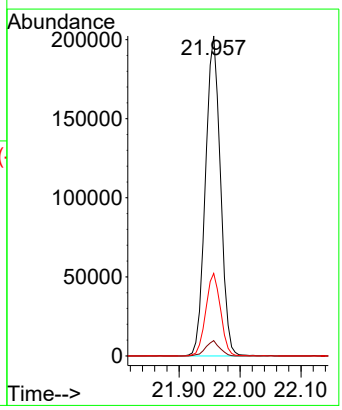


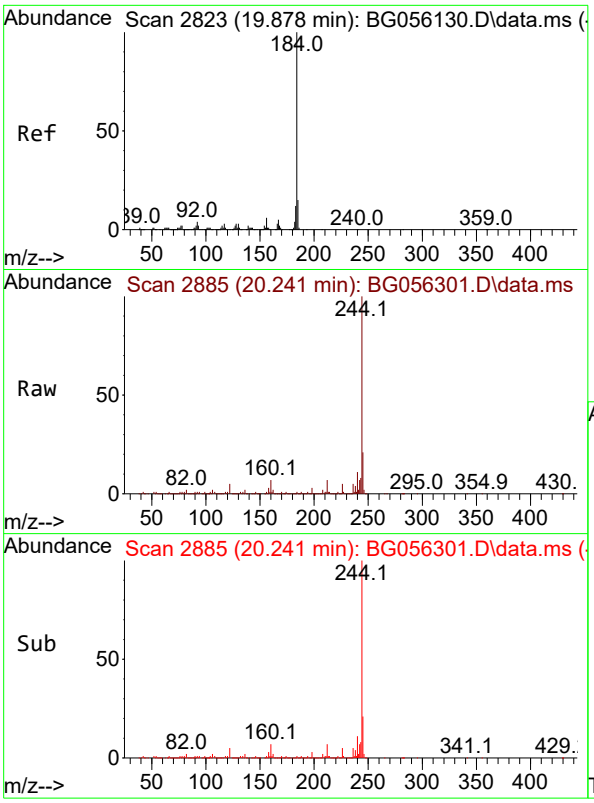


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.957 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion:240 Resp: 345953

Ion	Ratio	Lower	Upper
240	100		
120	4.8	2.6	4.0#
236	25.8	20.8	31.2



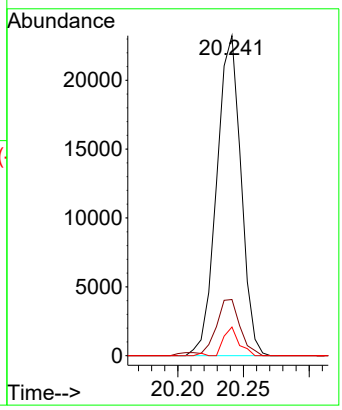


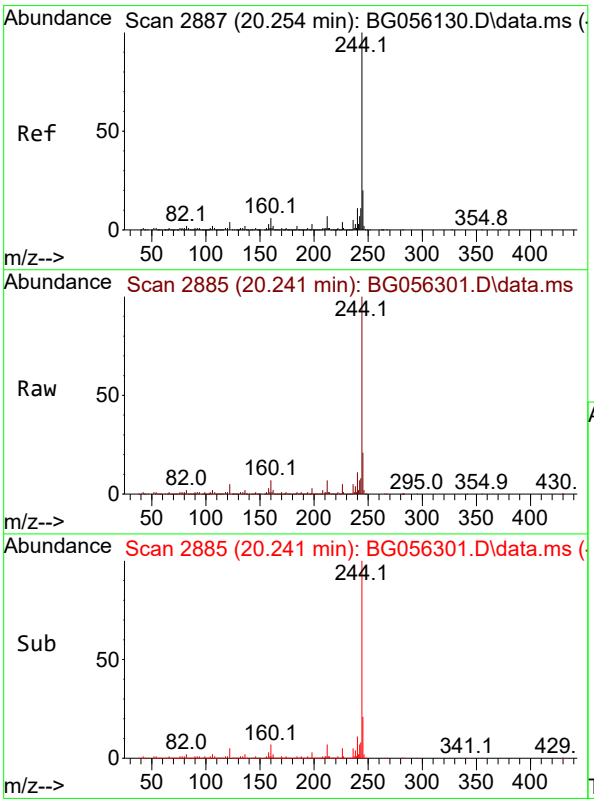
#77
Benzidine
Concen: 2.465 ng
RT: 20.241 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:184 Resp: 29879

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.2	18.2
183	9.0	9.4	14.0#

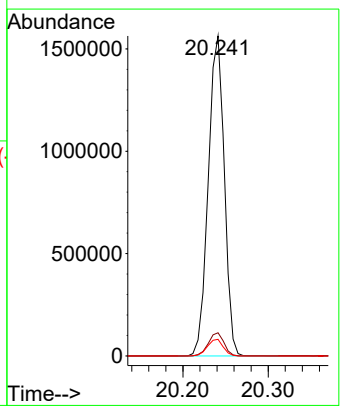


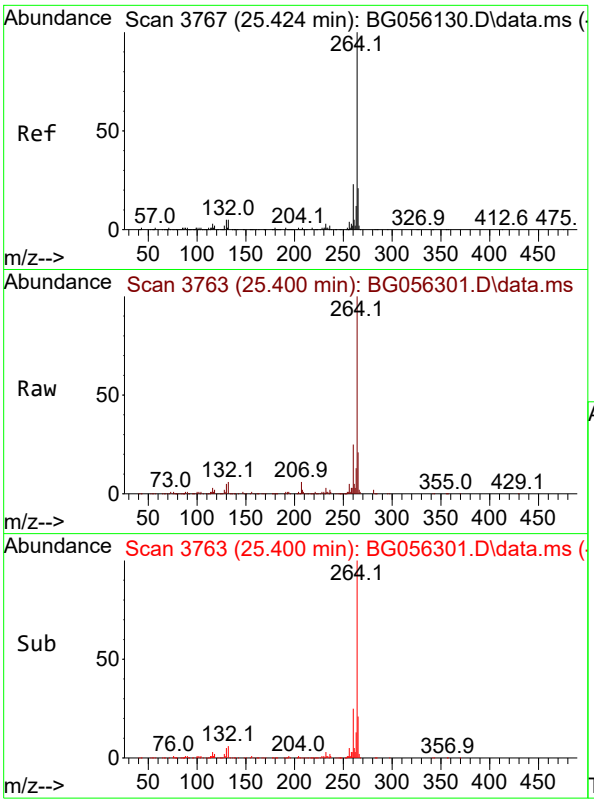


#79
Terphenyl-d14
Concen: 105.819 ng
RT: 20.241 min Scan# 2885
Delta R.T. 0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Tgt Ion:244 Resp: 2043963

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	5.2	3.5	5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.400 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG056301.D
Acq: 16 Jan 2023 18:09

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:264 Resp: 369245

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	21.5	16.7	25.1