

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056443.D
 Acq On : 26 Jan 2023 15:05
 Operator : CG/JU
 Sample : 01289-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCK

Quant Time: Jan 27 00:58:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

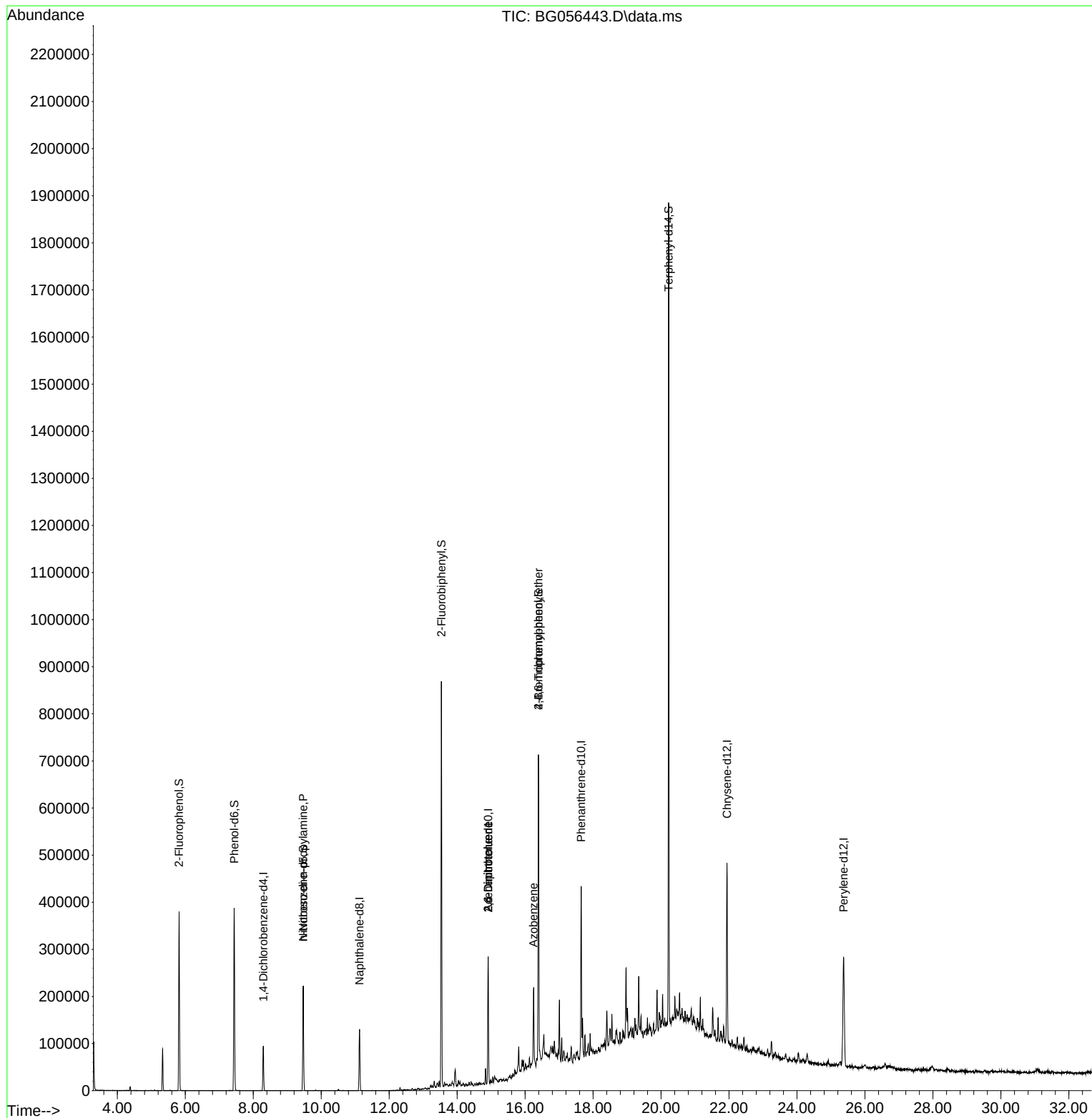
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	32630	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	127330	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	97921	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	244561	20.000	ng	0.00
76) Chrysene-d12	21.937	240	257239	20.000	ng	# 0.00
86) Perylene-d12	25.368	264	283017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	214416	117.327	ng	0.00
7) Phenol-d6	7.436	99	300926	107.224	ng	0.00
23) Nitrobenzene-d5	9.469	82	155945	62.647	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	142786	115.136	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	490154	69.122	ng	0.00
79) Terphenyl-d14	20.221	244	950130	66.154	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.469	70	19752	11.574	ng	# 73
51) 2,6-Dinitrotoluene	14.910	165	13025	7.733	ng	# 31
57) 2,4-Dinitrotoluene	14.910	165	13025	5.529	ng	# 28
63) Azobenzene	16.243	77	42654	7.456	ng	# 1
67) 4-Bromophenyl-phenylether	16.390	248	11628	3.734	ng	# 1

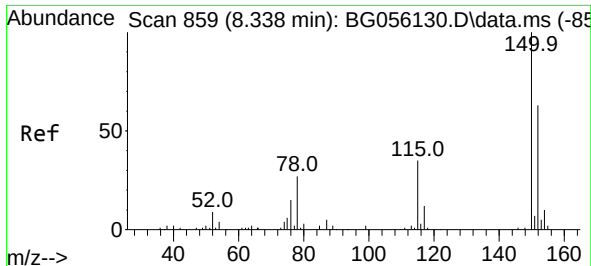
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
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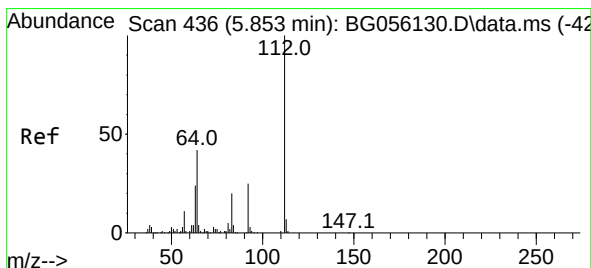
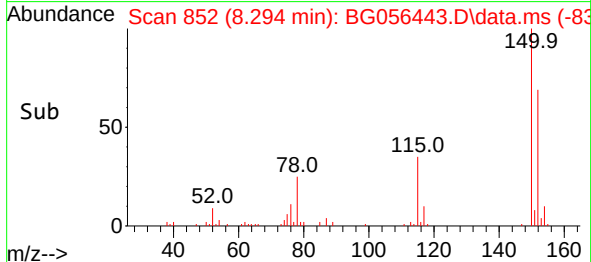
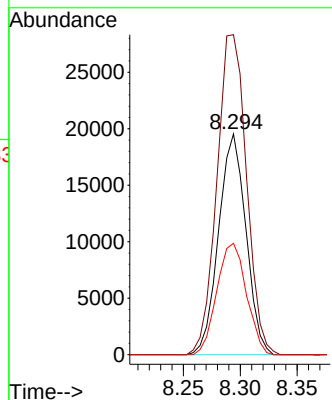
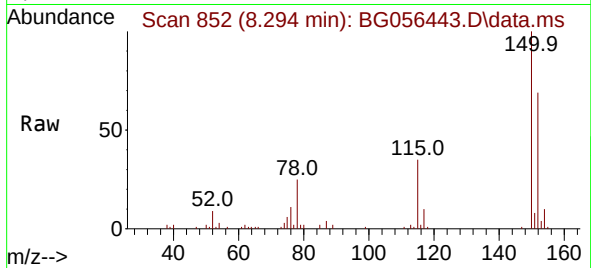




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

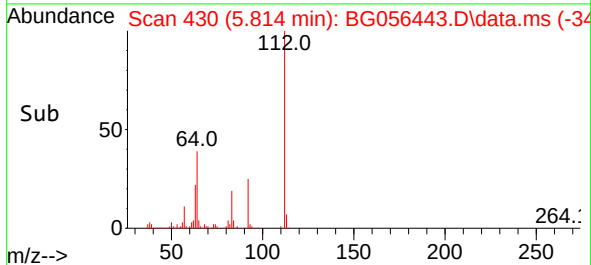
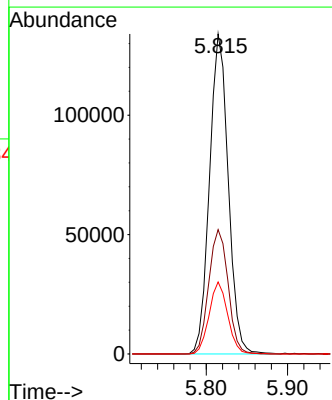
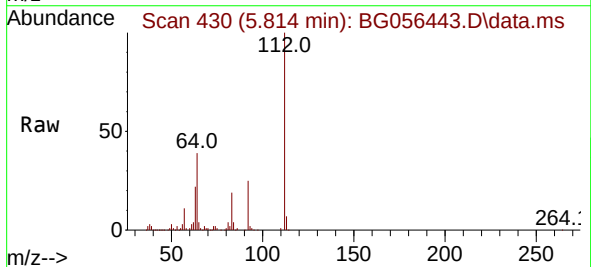
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

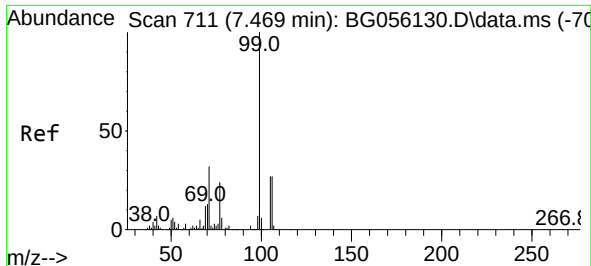
Tgt Ion:152 Resp: 32630
Ion Ratio Lower Upper
152 100
150 144.9 127.9 191.9
115 50.5 44.2 66.2



#5
2-Fluorophenol
Concen: 117.327 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.001 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion:112 Resp: 214416
Ion Ratio Lower Upper
112 100
64 38.8 33.3 49.9
63 22.5 19.0 28.4

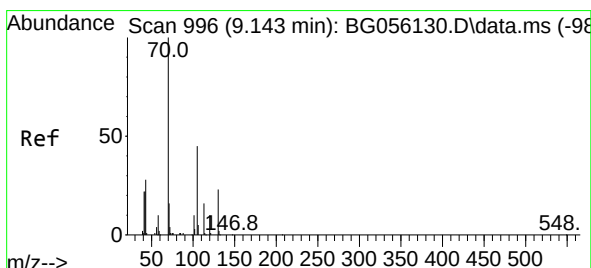
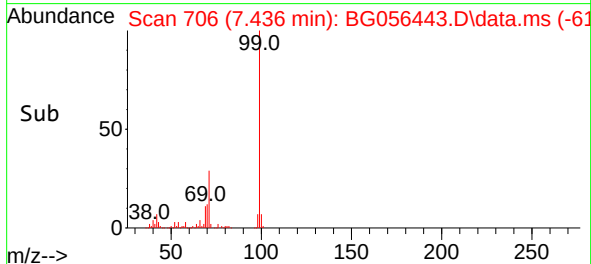
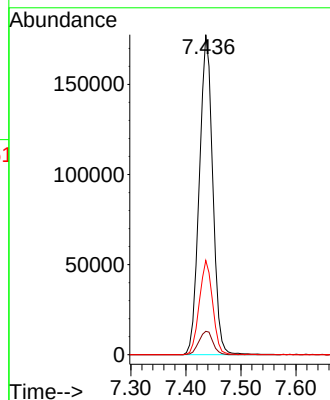
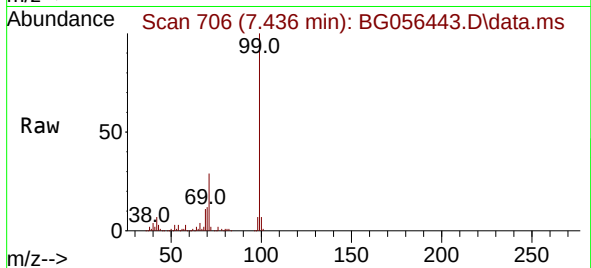




#7
Phenol-d6
Concen: 107.224 ng
RT: 7.436 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

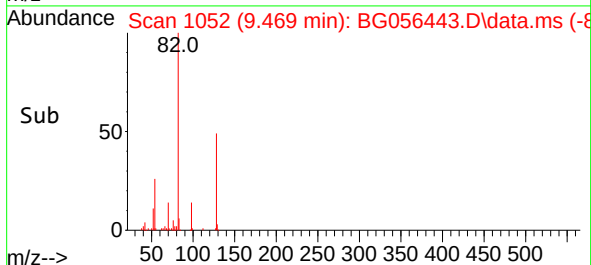
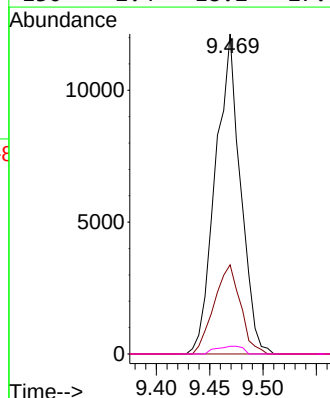
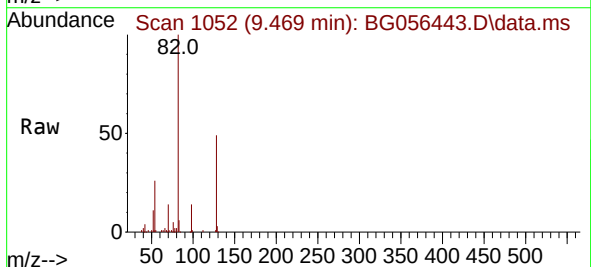
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

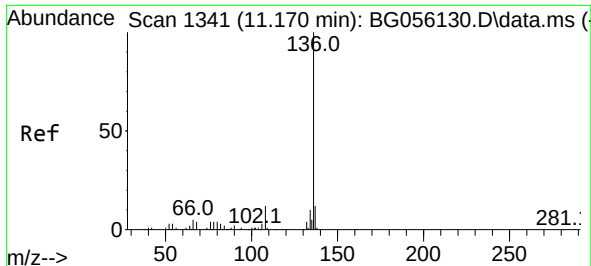
Tgt Ion: 99 Resp: 300926
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.574 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.371 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion: 70 Resp: 19752
Ion Ratio Lower Upper
70 100
42 27.8 18.2 27.2#
101 0.0 8.3 12.5#
130 2.4 18.2 27.4#



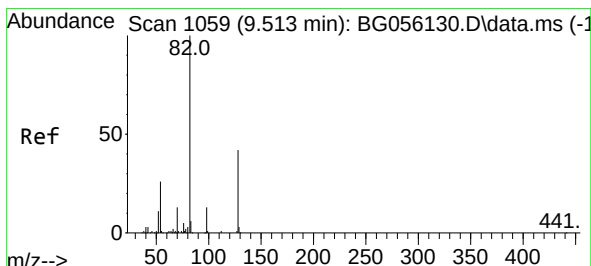
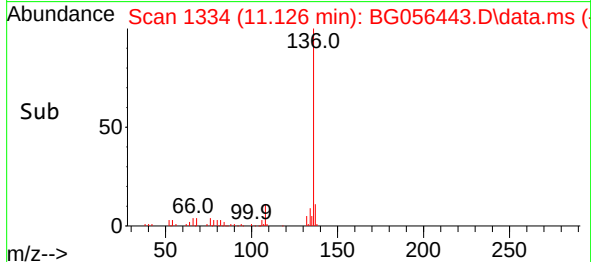
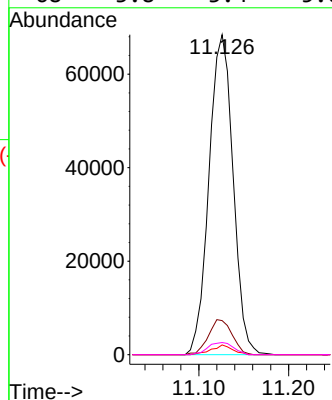
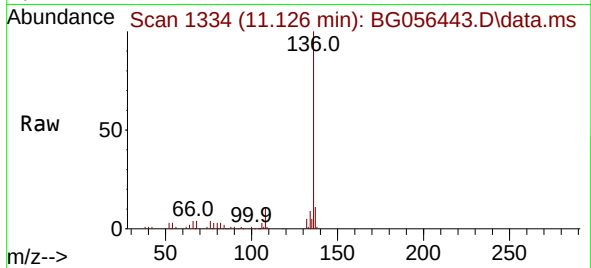


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

Tgt Ion:136 Resp: 127330

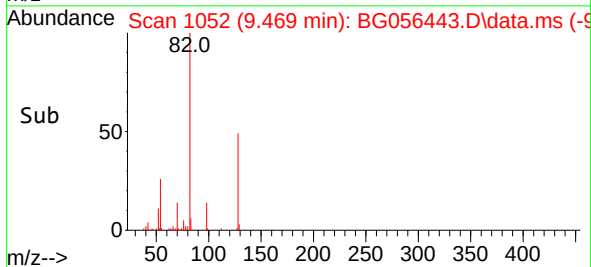
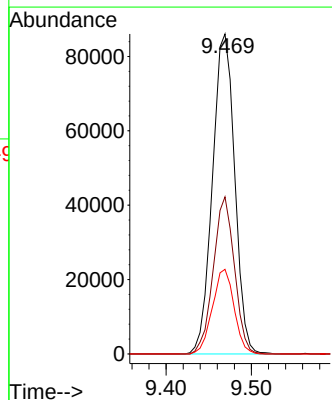
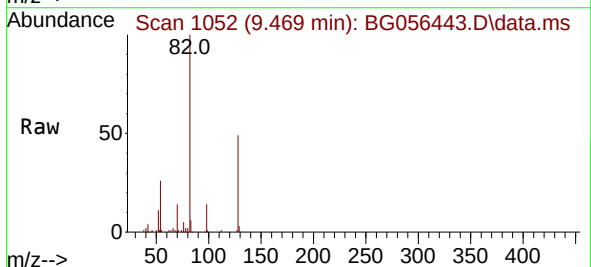
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.0
54	3.0	2.2	3.2
68	3.8	3.4	5.0

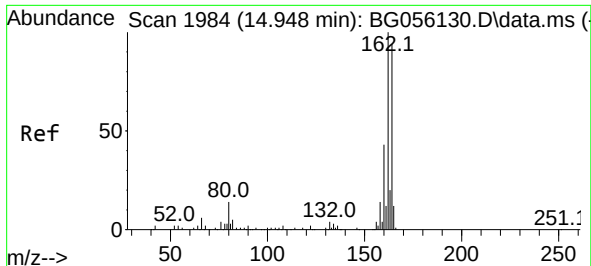


#23
Nitrobenzene-d5
Concen: 62.647 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion: 82 Resp: 155945

Ion	Ratio	Lower	Upper
82	100		
128	49.1	33.4	50.2
54	26.4	20.3	30.5

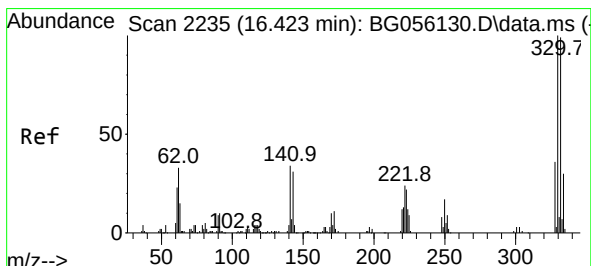
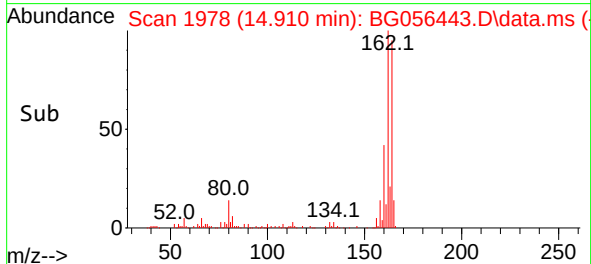
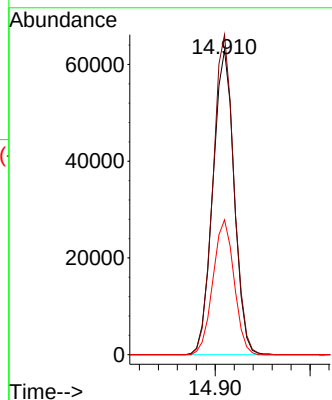
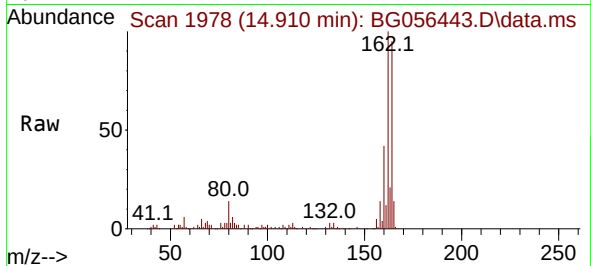




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

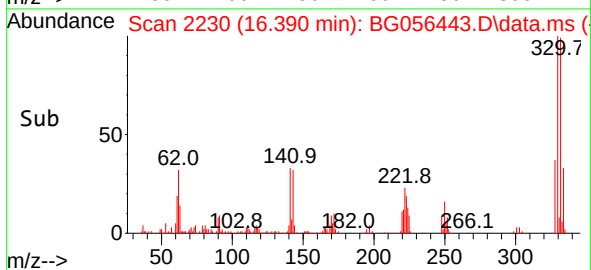
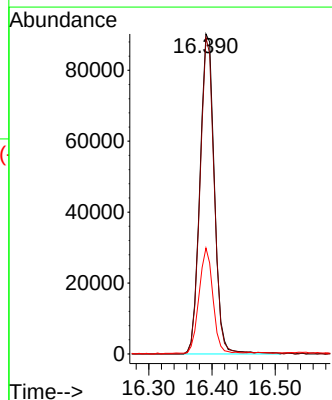
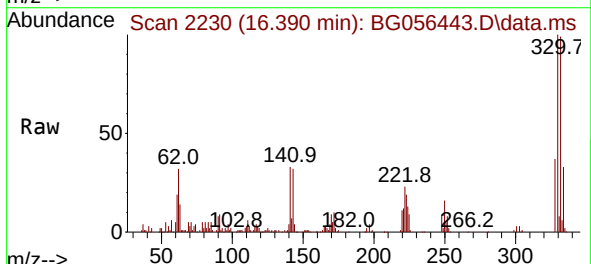
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

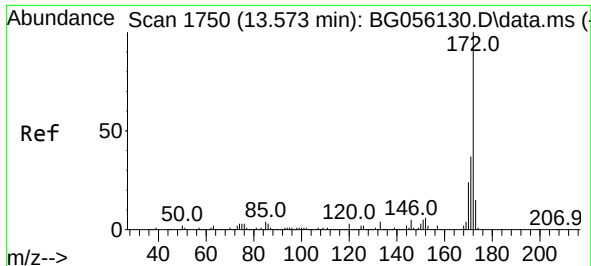
Tgt Ion:164 Resp: 97921
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 44.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 115.136 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion:330 Resp: 142786
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.5 27.9 41.9

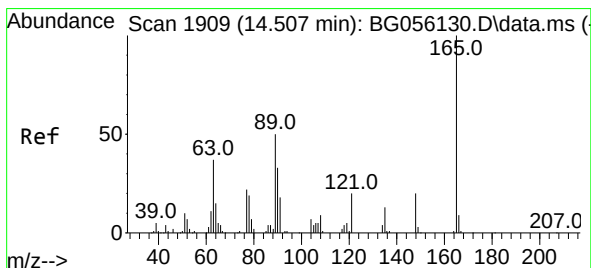
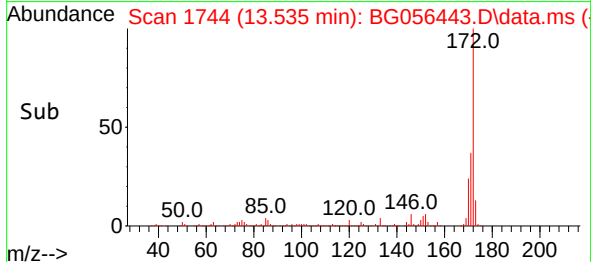
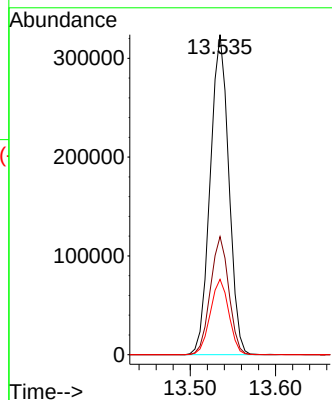
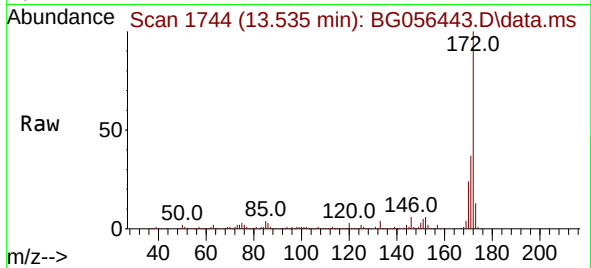




#45
2-Fluorobiphenyl
Concen: 69.122 ng
RT: 13.535 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

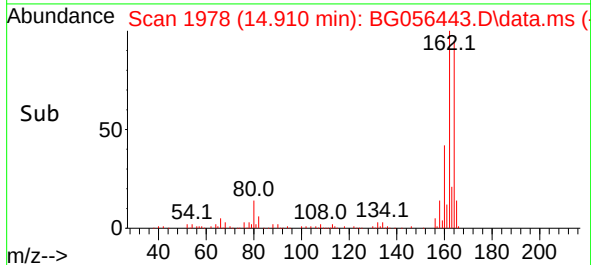
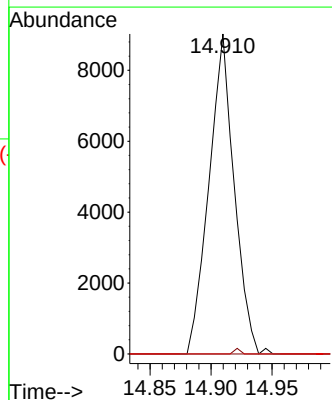
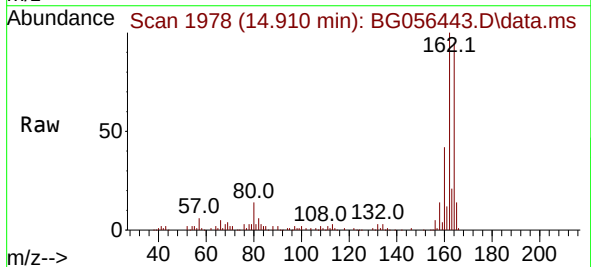
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ClientSampleId :
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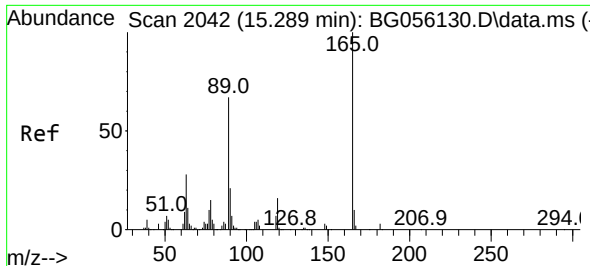
Tgt Ion:172 Resp: 490154
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.6 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.733 ng
RT: 14.910 min Scan# 1978
Delta R.T. 0.430 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion:165 Resp: 13025
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

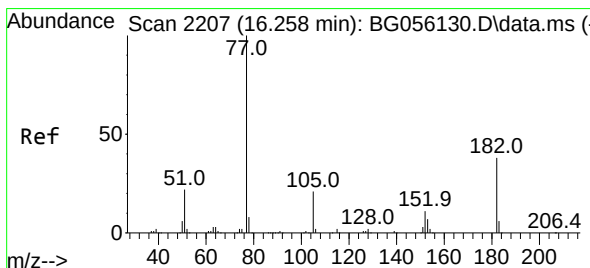
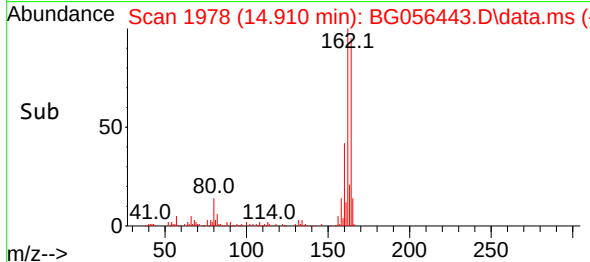
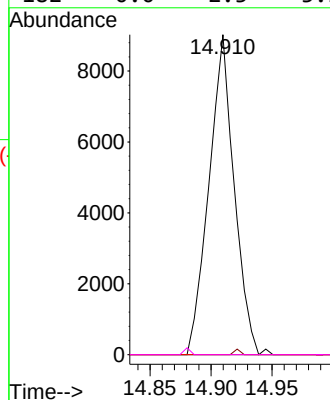
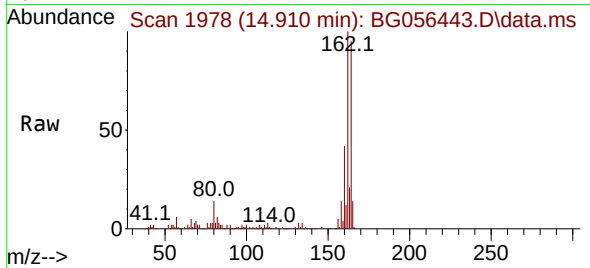




#57
2,4-Dinitrotoluene
Concen: 5.529 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.358 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

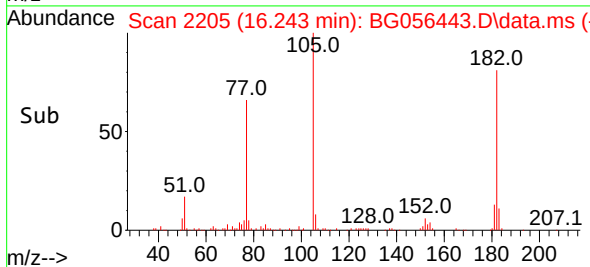
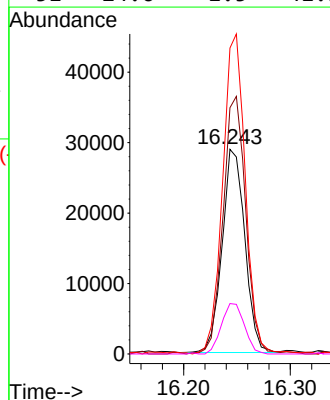
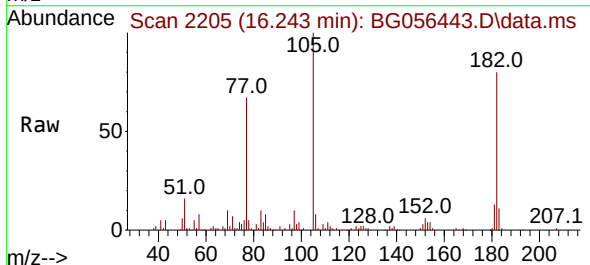
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

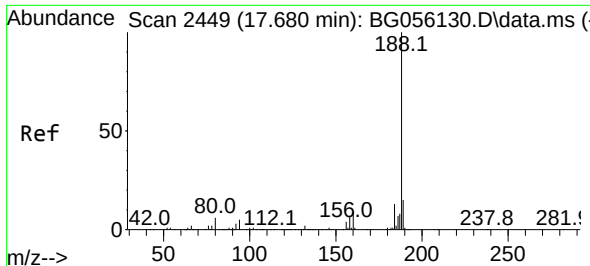
Tgt Ion:165	Resp:	13025
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.6
89	0.0	53.2
182	0.0	2.3



#63
Azobenzene
Concen: 7.456 ng
RT: 16.243 min Scan# 2205
Delta R.T. 0.013 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion: 77	Resp:	42654
Ion Ratio	Lower	Upper
77	100	
182	120.3	18.5
105	149.4	1.4
51	24.6	1.5

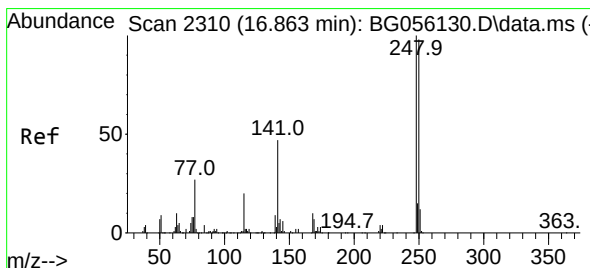
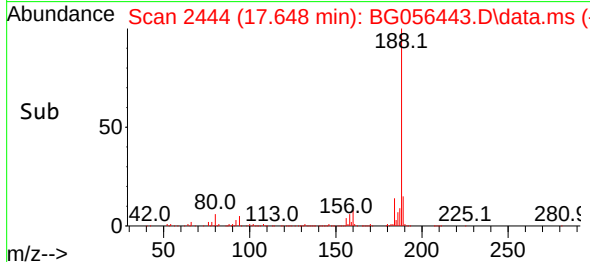
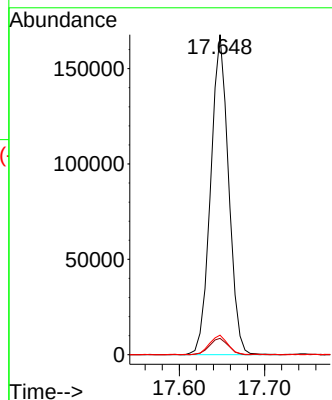
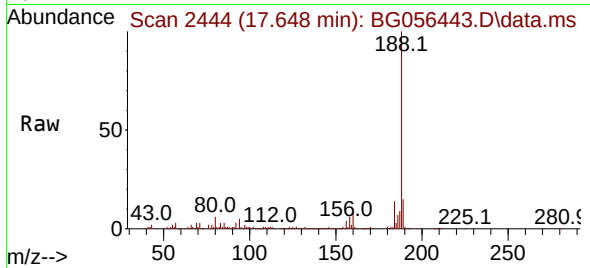




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

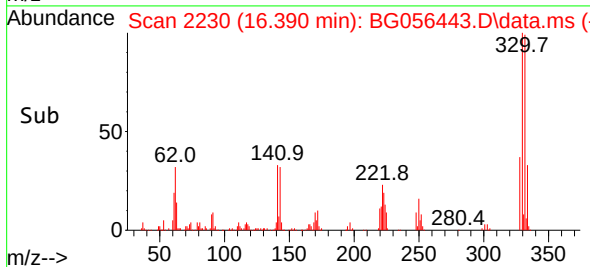
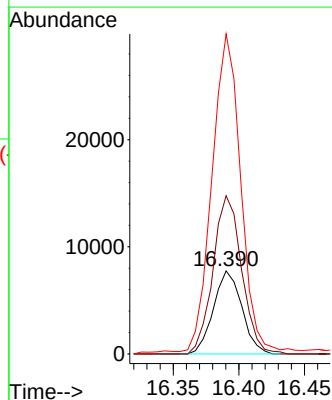
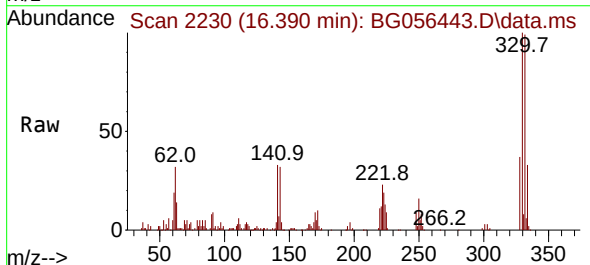
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

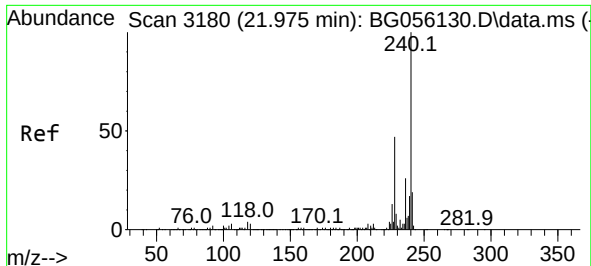
Tgt Ion:188 Resp: 244561
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 6.1 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.734 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.440 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion:248 Resp: 11628
Ion Ratio Lower Upper
248 100
250 190.5 78.2 117.4#
141 385.3 37.6 56.4#

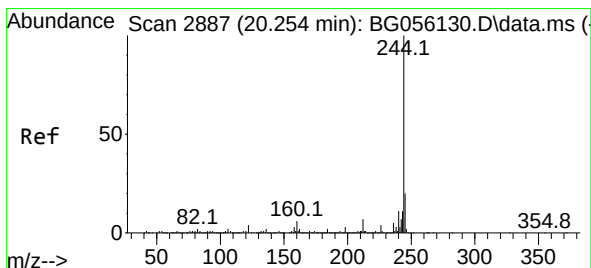
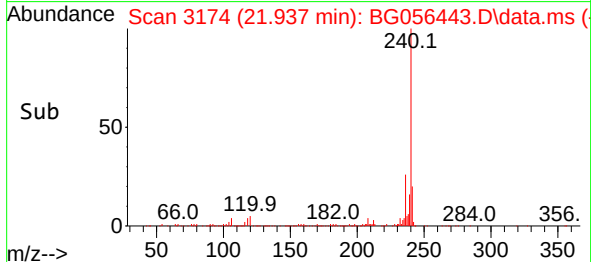
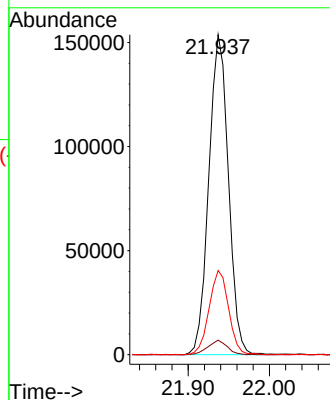
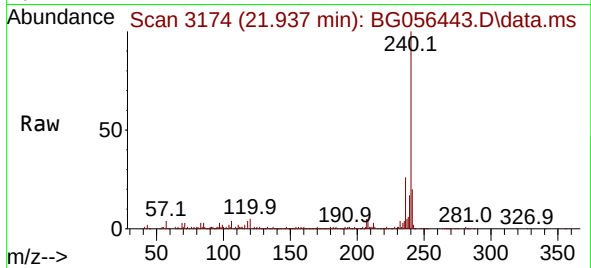




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3180
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

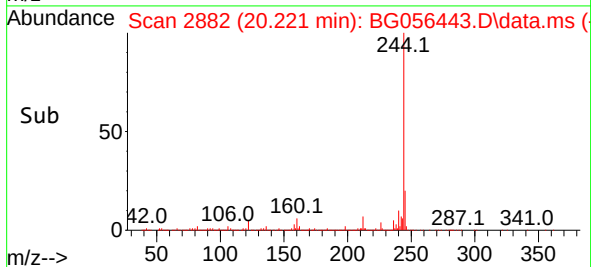
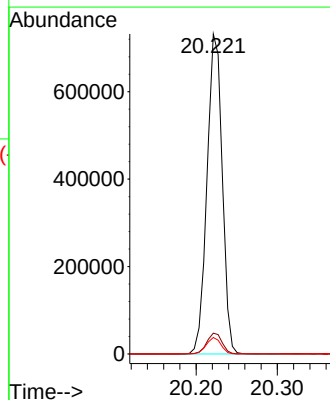
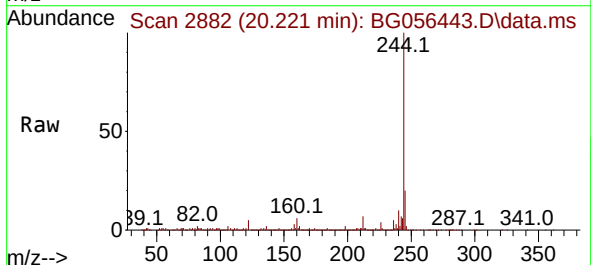
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCK

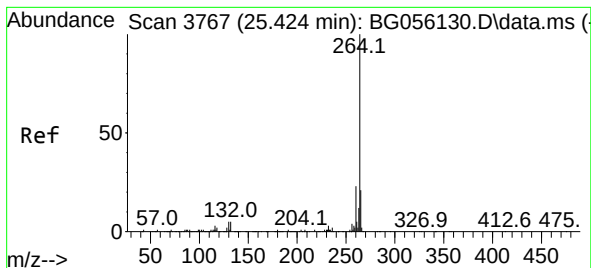
Tgt Ion:240 Resp: 257239
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 66.154 ng
RT: 20.221 min Scan# 2882
Delta R.T. -0.005 min
Lab File: BG056443.D
Acq: 26 Jan 2023 15:05

Tgt Ion:244 Resp: 950130
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 5.1 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.368 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056443.D

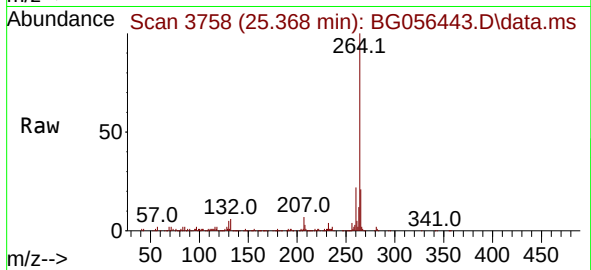
Acq: 26 Jan 2023 15:05

Instrument :

BNA_G

ClientSampleId :

VNJ209-STOCK



Tgt Ion:264 Resp: 283017

Ion Ratio Lower Upper

264 100

260 22.2 18.6 28.0

265 20.6 16.7 25.1

