

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056335.D
 Acq On : 18 Jan 2023 19:28
 Operator : CG/JU
 Sample : 01175-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YARD-1

Quant Time: Jan 19 00:33:57 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 19 00:31:30 2023
 Response via : Initial Calibration

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

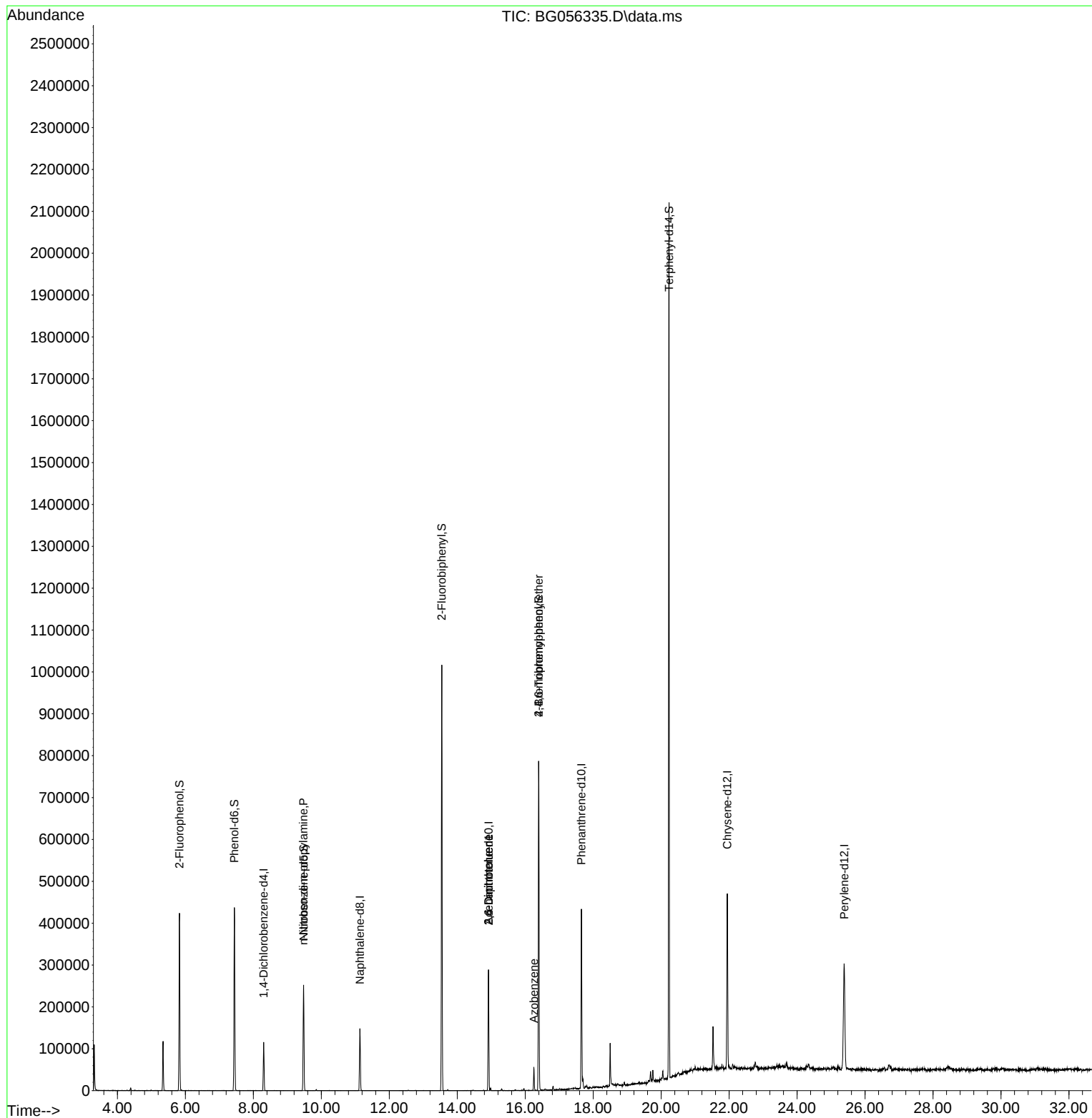
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	37998	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	137829	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	113072	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	297792	20.000	ng	0.00
76) Chrysene-d12	21.948	240	287250	20.000	ng	# 0.00
86) Perylene-d12	25.385	264	310638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	234427	110.155	ng	0.00
7) Phenol-d6	7.442	99	332633	101.778	ng	0.00
23) Nitrobenzene-d5	9.480	82	182372	67.683	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	164305	114.735	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	575639	70.300	ng	0.00
79) Terphenyl-d14	20.233	244	1172915	73.133	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.475	70	21784	10.961	ng	# 74
51) 2,6-Dinitrotoluene	14.921	165	15306	7.869	ng	# 31
57) 2,4-Dinitrotoluene	14.921	165	15306	5.627	ng	# 28
63) Azobenzene	16.255	77	14363	2.174	ng	# 1
67) 4-Bromophenyl-phenylether	16.396	248	13540	3.571	ng	# 1

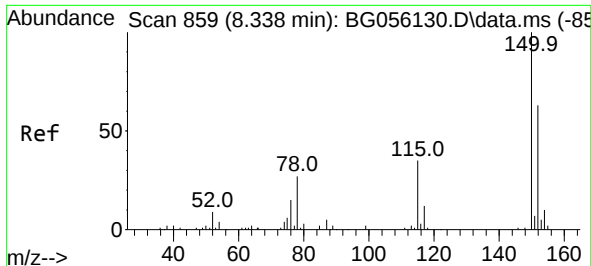
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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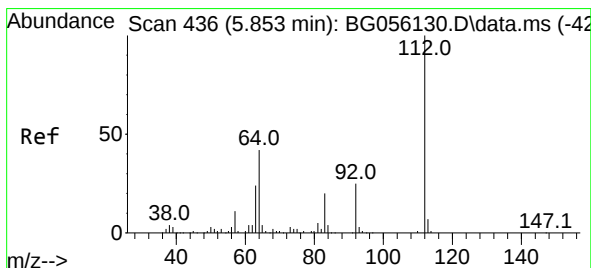
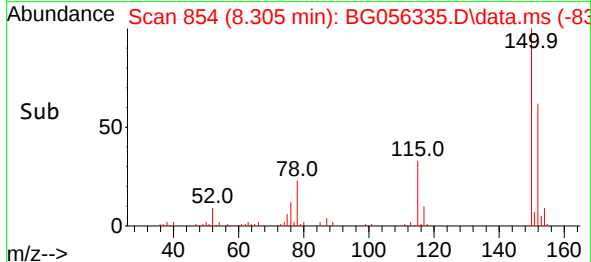
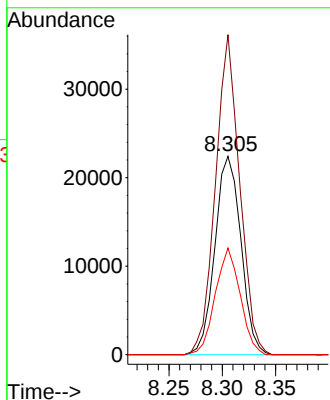
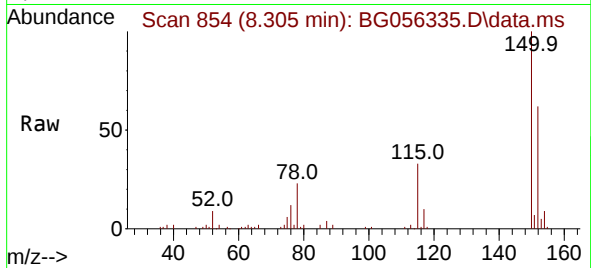




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

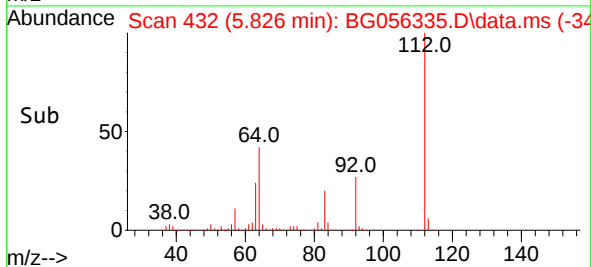
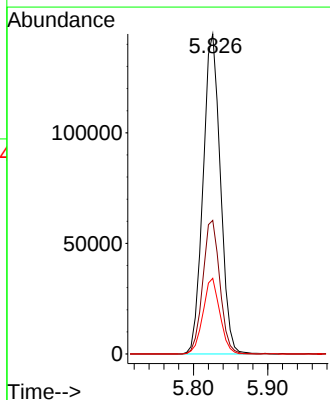
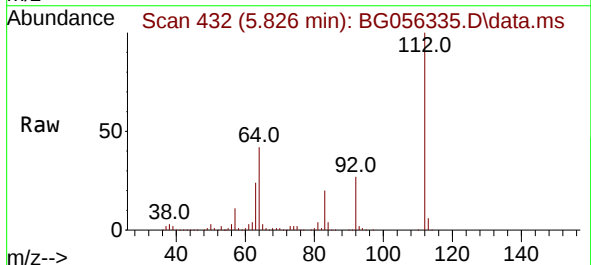
Instrument :
BNA_G
ClientSampleId :
YARD-1

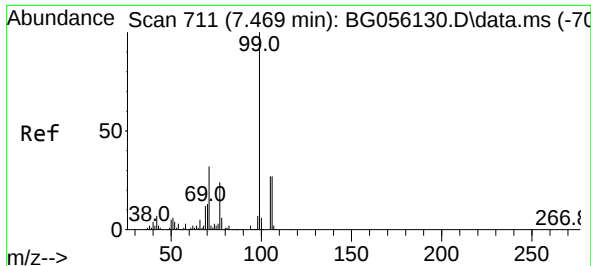
Tgt Ion:152 Resp: 37998
Ion Ratio Lower Upper
152 100
150 161.3 127.9 191.9
115 53.8 44.2 66.2



#5
2-Fluorophenol
Concen: 110.155 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion:112 Resp: 234427
Ion Ratio Lower Upper
112 100
64 41.7 33.3 49.9
63 23.7 19.0 28.4

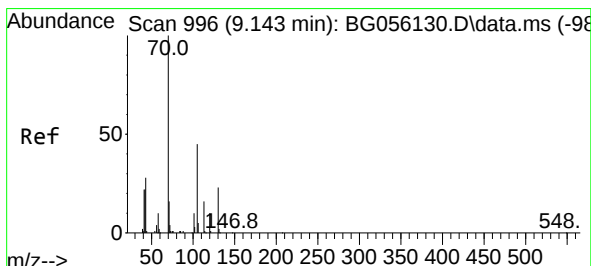
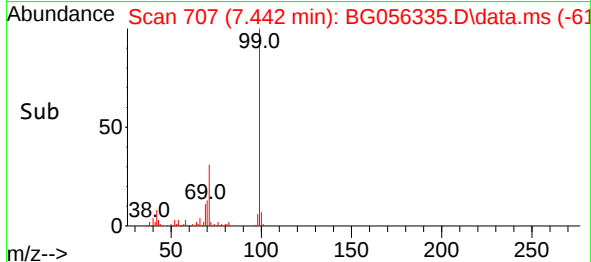
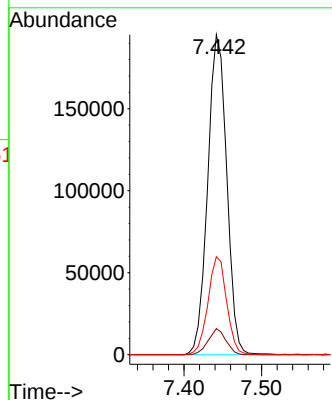
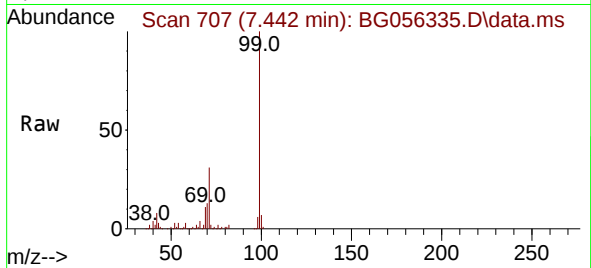




#7
Phenol-d6
Concen: 101.778 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

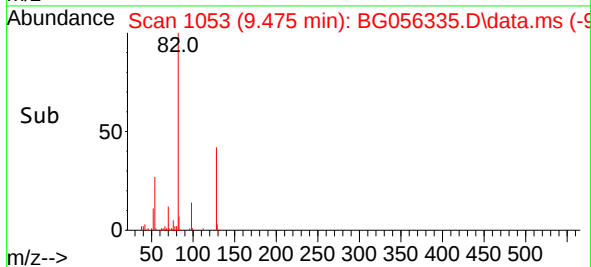
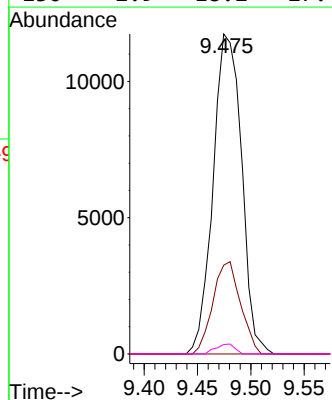
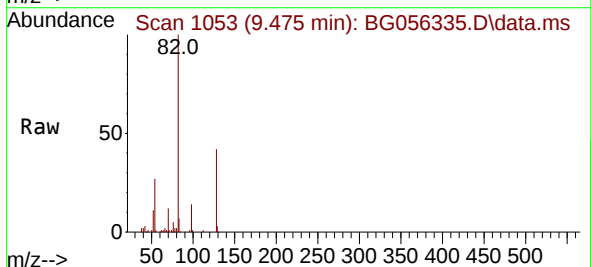
Instrument :
BNA_G
ClientSampleId :
YARD-1

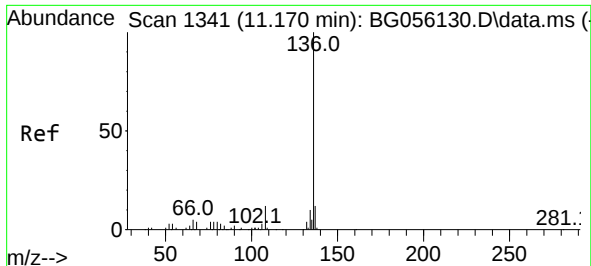
Tgt Ion: 99 Resp: 332633
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 30.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.961 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion: 70 Resp: 21784
Ion Ratio Lower Upper
70 100
42 27.8 18.2 27.2#
101 0.0 8.3 12.5#
130 2.9 18.2 27.4#

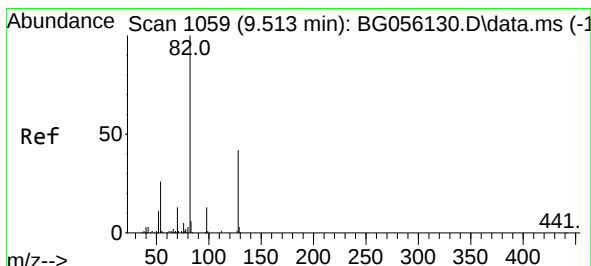
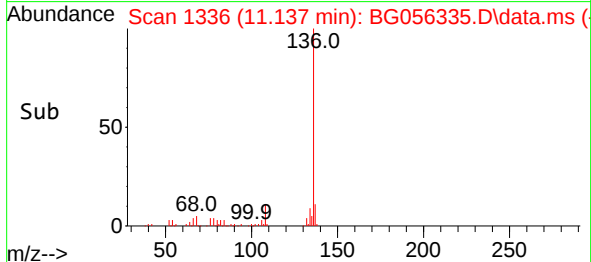
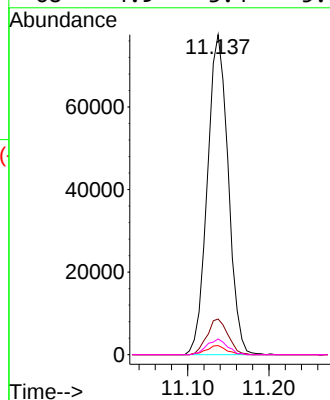
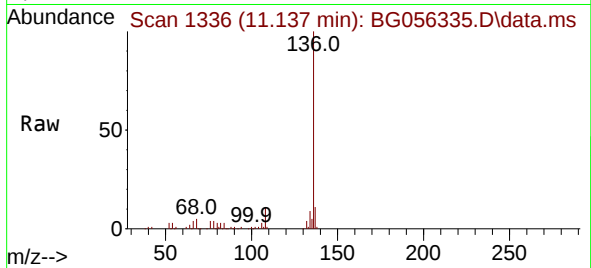




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

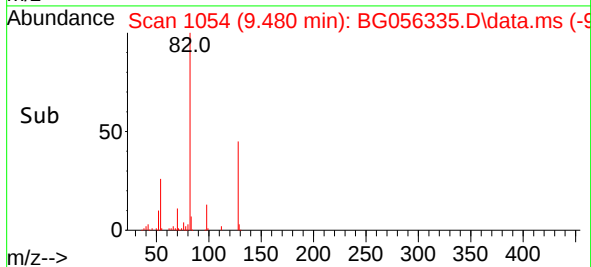
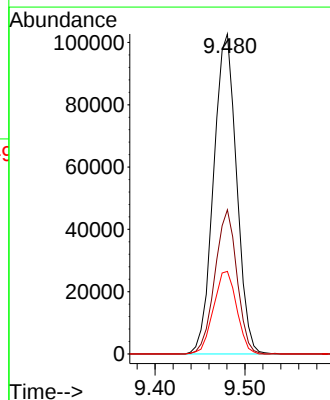
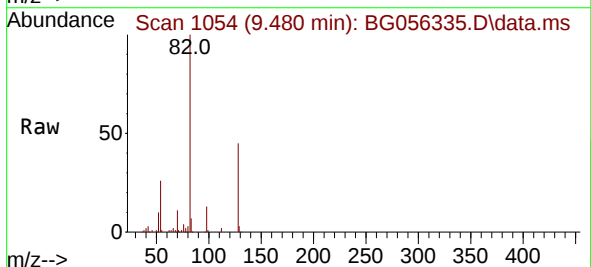
Instrument :
BNA_G
ClientSampleId :
YARD-1

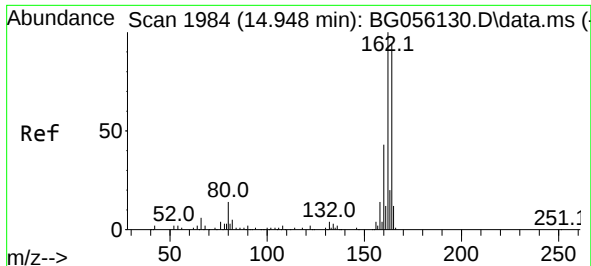
Tgt Ion:	136	Resp:	137829
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	2.9	2.2	3.2
68	4.9	3.4	5.0



#23
Nitrobenzene-d5
Concen: 67.683 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion:	82	Resp:	182372
Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.4	50.2
54	25.8	20.3	30.5

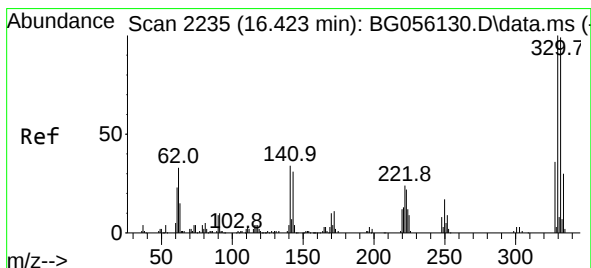
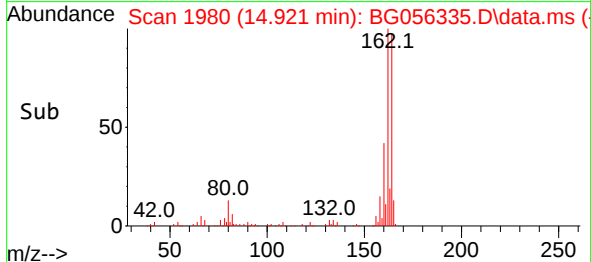
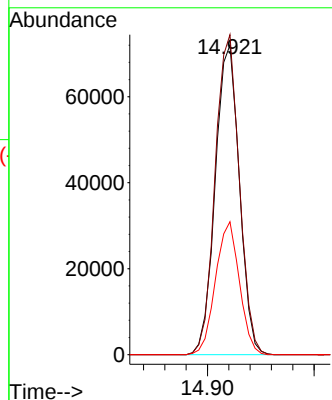
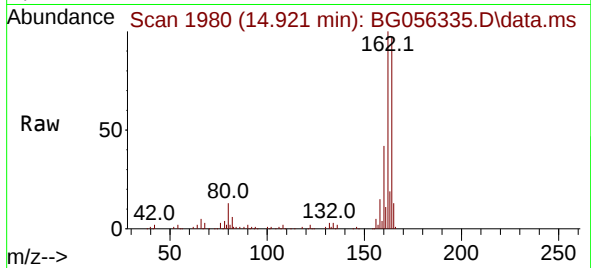




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

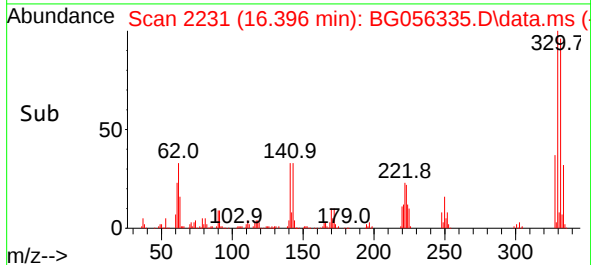
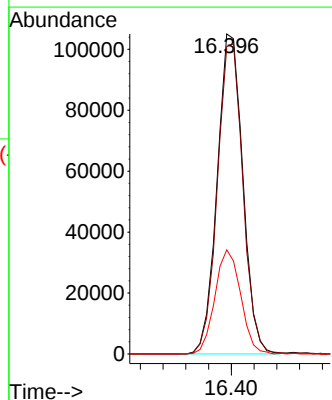
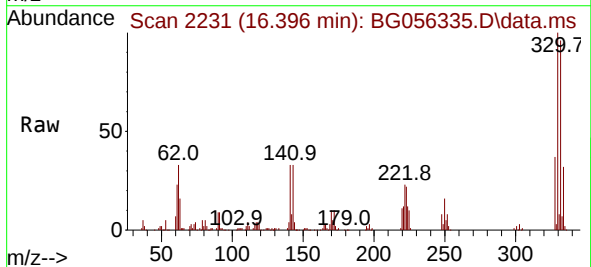
Instrument :
BNA_G
ClientSampleId :
YARD-1

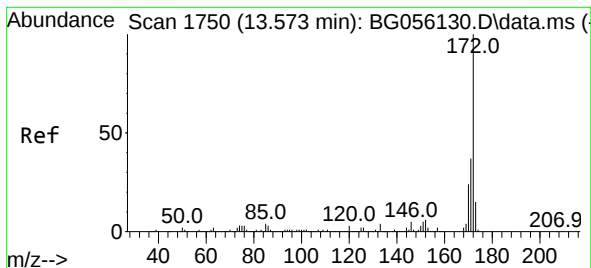
Tgt Ion:164 Resp: 113072
Ion Ratio Lower Upper
164 100
162 103.3 84.7 127.1
160 42.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 114.735 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion:330 Resp: 164305
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.7 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 70.300 ng

RT: 13.546 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056335.D

Acq: 18 Jan 2023 19:28

Instrument :

BNA_G

ClientSampleId :

YARD-1

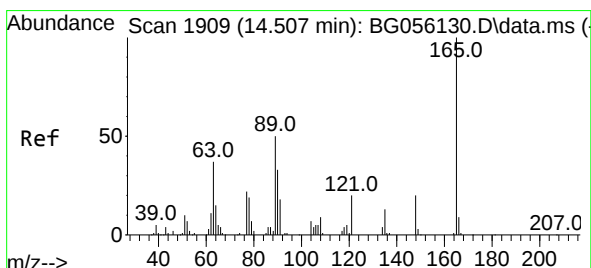
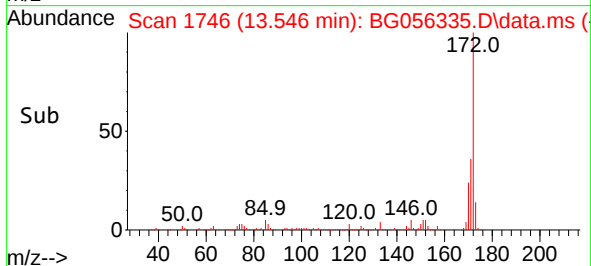
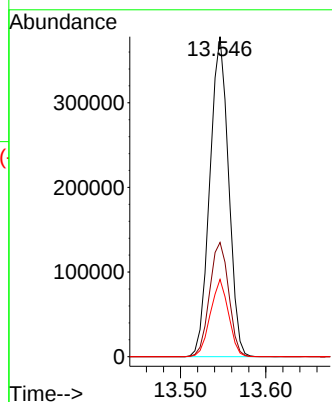
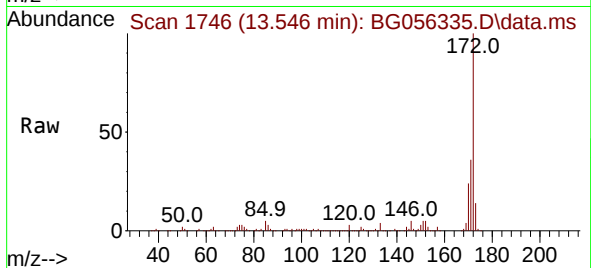
Tgt Ion:172 Resp: 575639

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 24.2 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.869 ng

RT: 14.921 min Scan# 1980

Delta R.T. 0.434 min

Lab File: BG056335.D

Acq: 18 Jan 2023 19:28

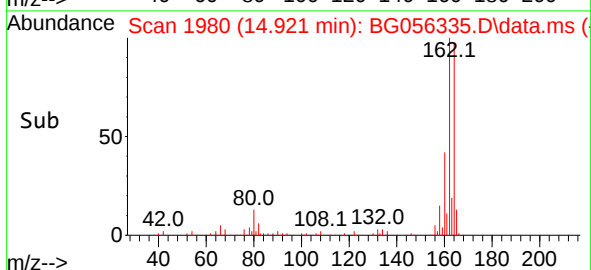
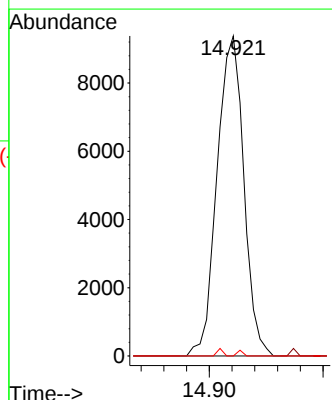
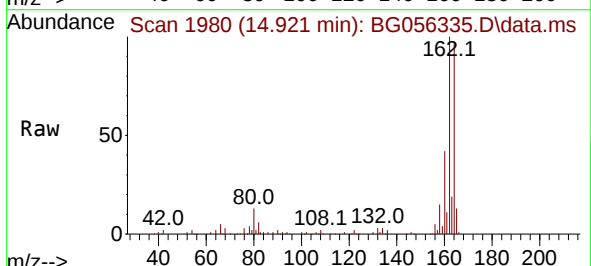
Tgt Ion:165 Resp: 15306

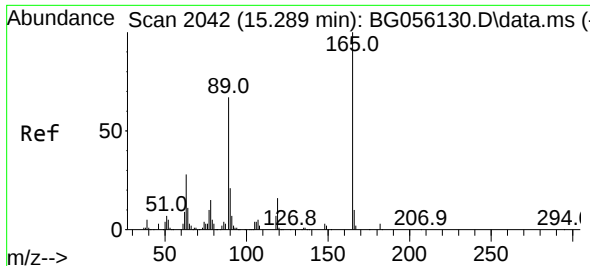
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 0.0 39.8 59.8#

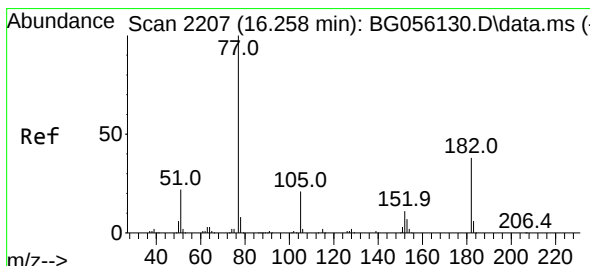
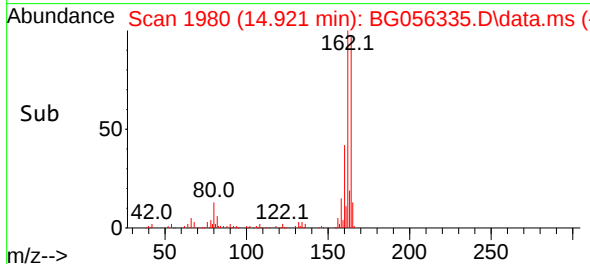
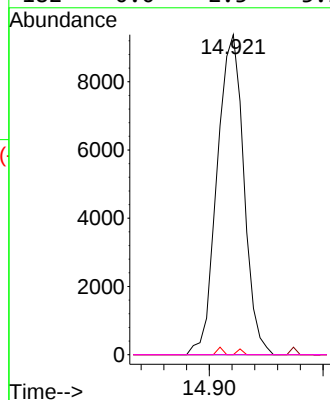
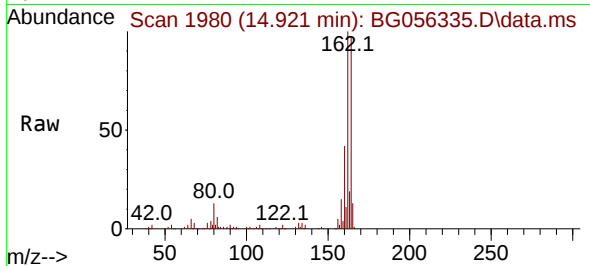




#57
2,4-Dinitrotoluene
Concen: 5.627 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.353 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

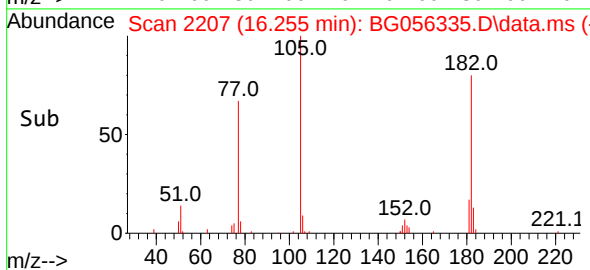
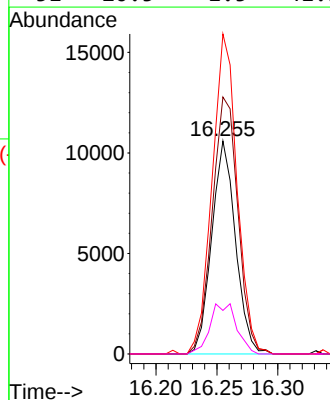
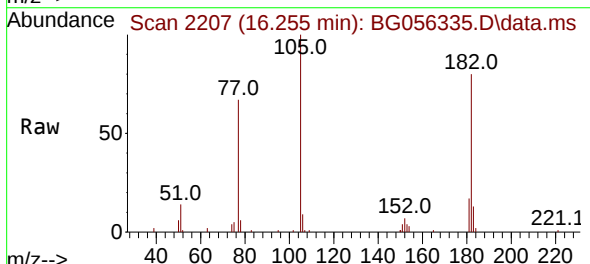
Instrument :
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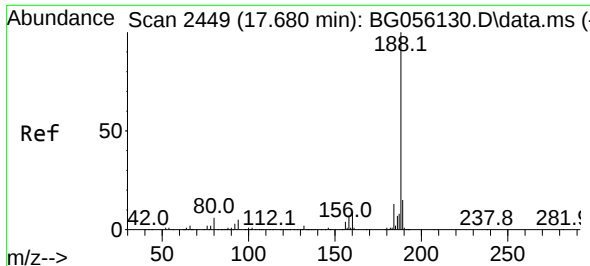
Tgt Ion:165 Resp: 15306
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 2.174 ng
RT: 16.255 min Scan# 2207
Delta R.T. 0.017 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion: 77 Resp: 14363
Ion Ratio Lower Upper
77 100
182 120.7 18.5 58.5#
105 150.3 1.4 41.4#
51 20.5 1.5 41.5

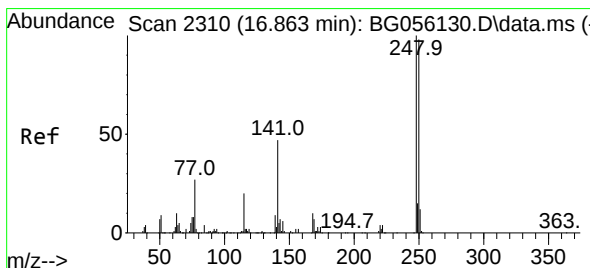
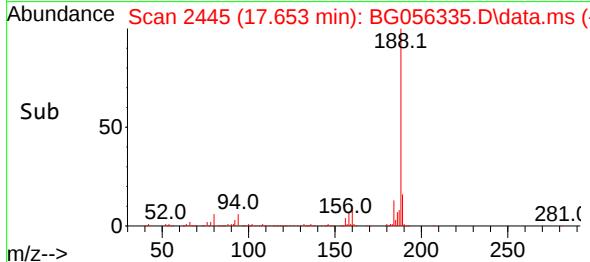
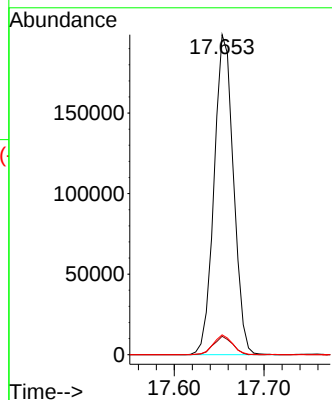
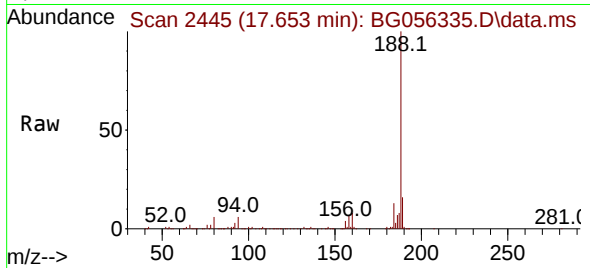




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

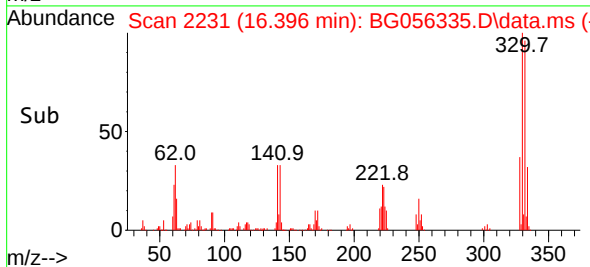
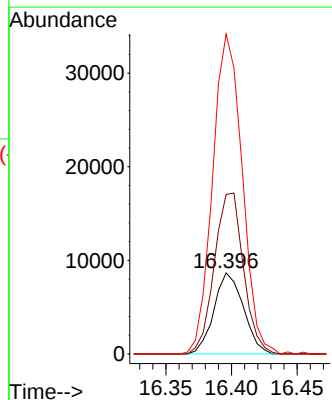
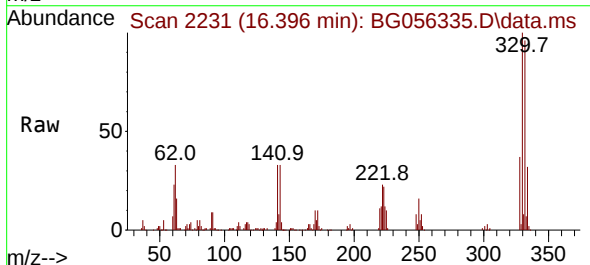
Instrument :
BNA_G
ClientSampleId :
YARD-1

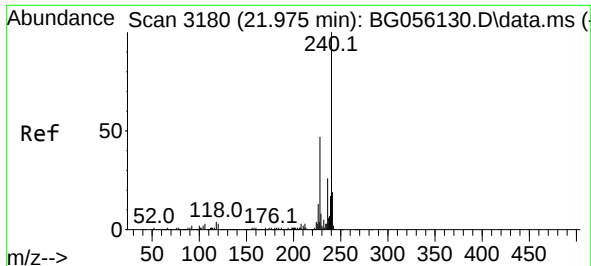
Tgt Ion:188 Resp: 297792
Ion Ratio Lower Upper
188 100
94 5.8 4.2 6.2
80 6.2 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.571 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.441 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion:248 Resp: 13540
Ion Ratio Lower Upper
248 100
250 196.4 78.2 117.4#
141 394.2 37.6 56.4#

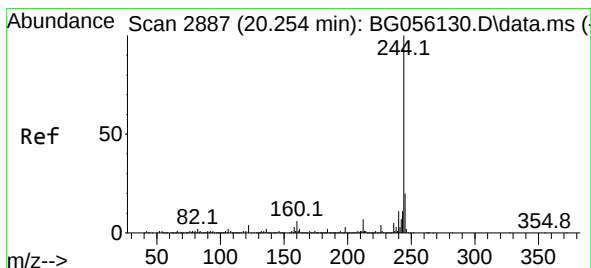
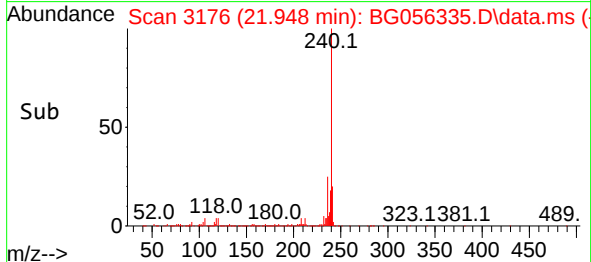
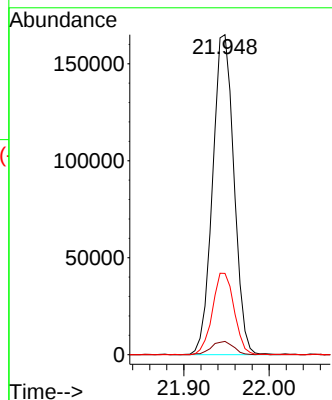
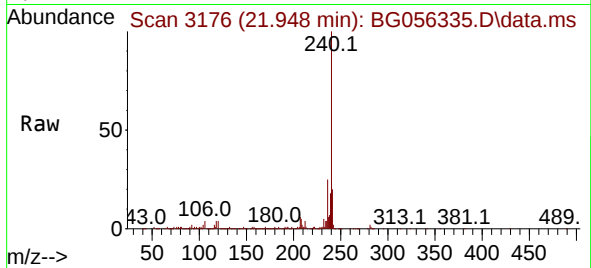




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

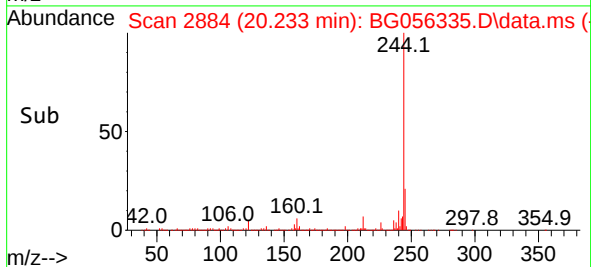
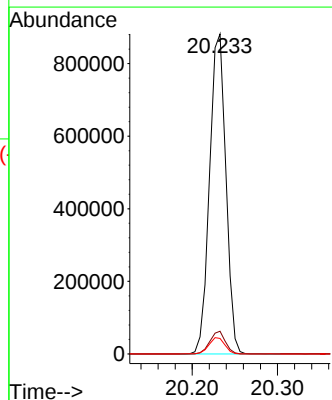
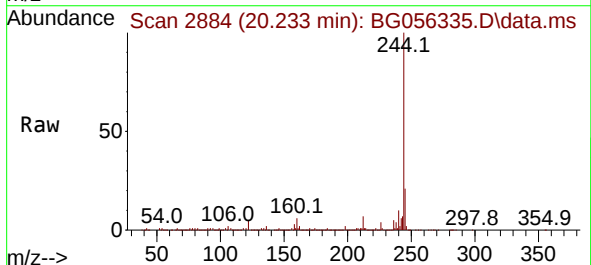
Instrument :
BNA_G
ClientSampleId :
YARD-1

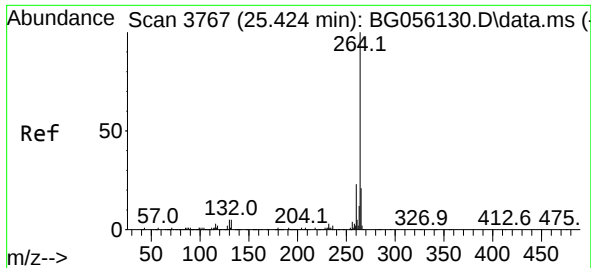
Tgt Ion:240 Resp: 287250
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 73.133 ng
RT: 20.233 min Scan# 2884
Delta R.T. -0.001 min
Lab File: BG056335.D
Acq: 18 Jan 2023 19:28

Tgt Ion:244 Resp: 1172915
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 4.8 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG056335.D
 Acq: 18 Jan 2023 19:28

Instrument :
 BNA_G
 ClientSampleId :
 YARD-1

Tgt Ion:264 Resp: 310638
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.4 16.7 25.1

