

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057090.D
 Acq On : 13 Apr 2023 20:45
 Operator : CG/JU
 Sample : 02262-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-1-040723

Quant Time: Apr 14 01:24:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

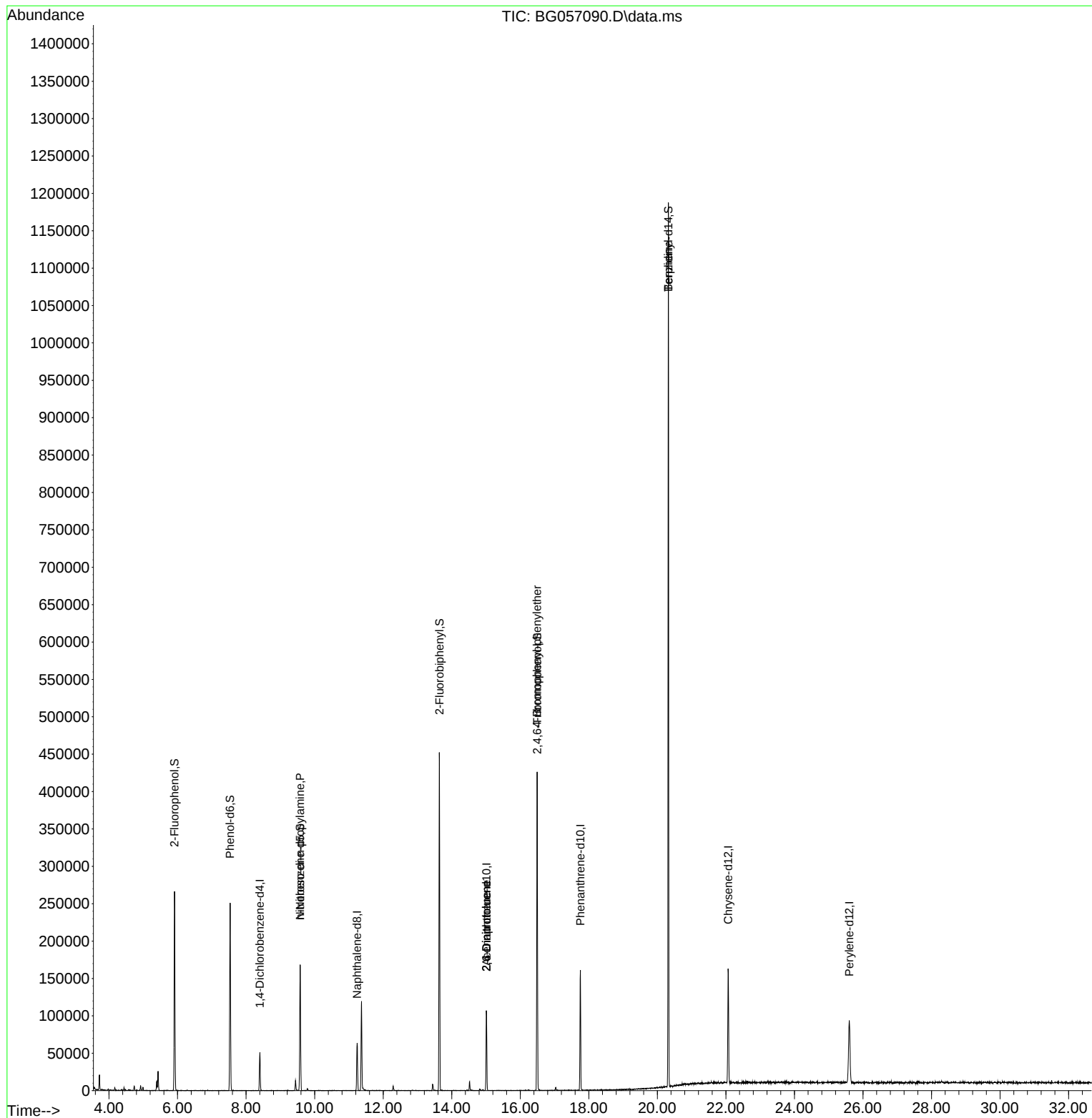
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	14062	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	54967	20.000	ng	0.00
39) Acenaphthene-d10	15.011	164	38642	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	102268	20.000	ng	0.00
76) Chrysene-d12	22.066	240	98696	20.000	ng	#-0.01
86) Perylene-d12	25.602	264	102232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	109891	125.071	ng	0.00
7) Phenol-d6	7.533	99	141416	107.614	ng	0.00
23) Nitrobenzene-d5	9.577	82	104596	77.862	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	85195	138.008	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	227587	79.864	ng	0.00
79) Terphenyl-d14	20.321	244	540623	92.691	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.577	70	14494	15.420	ng	# 78
51) 2,6-Dinitrotoluene	15.017	165	5045	7.669	ng	# 21
57) 2,4-Dinitrotoluene	15.017	165	5045	5.438	ng	# 22
67) 4-Bromophenyl-phenylether	16.491	248	5449	4.306	ng	# 1
77) Benzidine	20.321	184	9311	3.451	ng	# 92

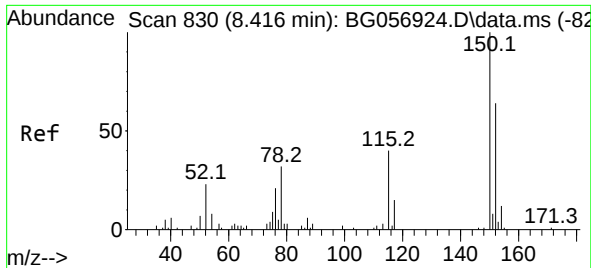
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
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Quant Time: Apr 14 01:24:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

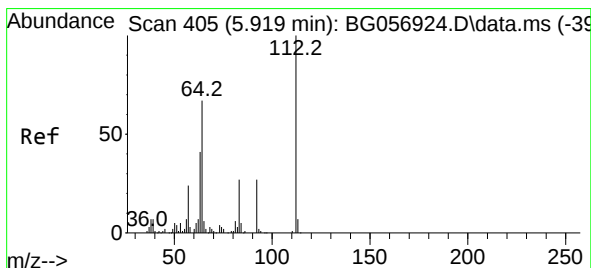
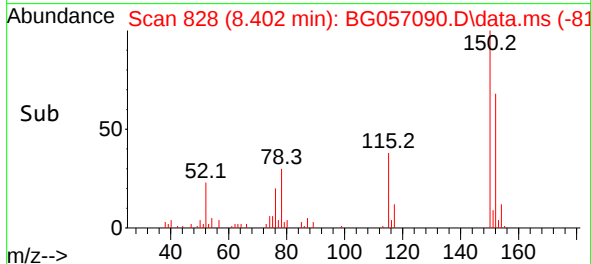
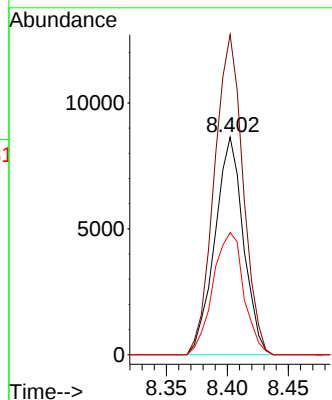
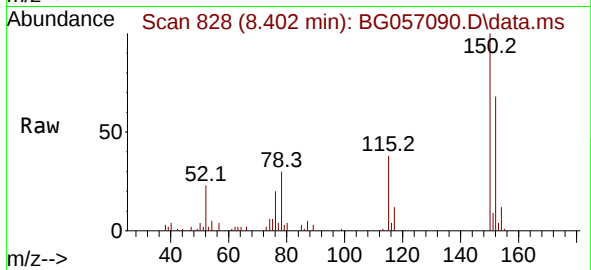




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.402 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG057090.D
 Acq: 13 Apr 2023 20:45

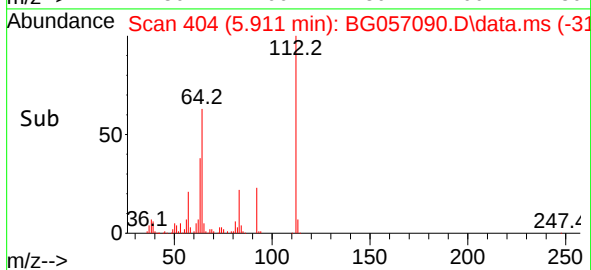
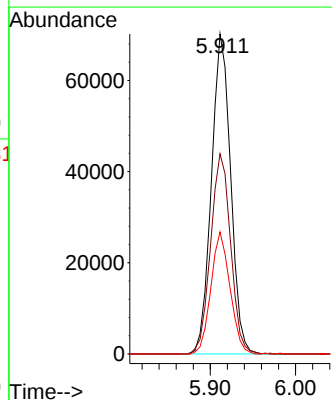
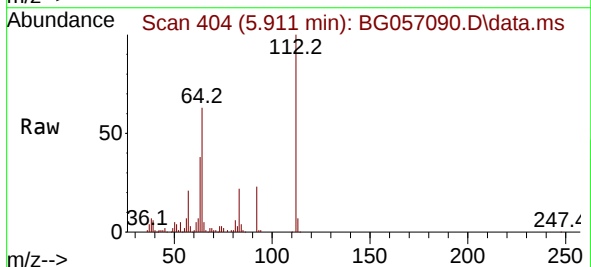
Instrument :
 BNA_G
 ClientSampleId :
 JPP-1-040723

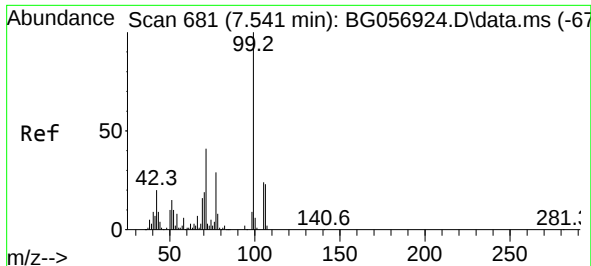
Tgt Ion:152 Resp: 14062
 Ion Ratio Lower Upper
 152 100
 150 147.1 124.1 186.1
 115 56.2 49.1 73.7



#5
 2-Fluorophenol
 Concen: 125.071 ng
 RT: 5.911 min Scan# 404
 Delta R.T. -0.003 min
 Lab File: BG057090.D
 Acq: 13 Apr 2023 20:45

Tgt Ion:112 Resp: 109891
 Ion Ratio Lower Upper
 112 100
 64 62.5 53.2 79.8
 63 38.1 32.6 48.8

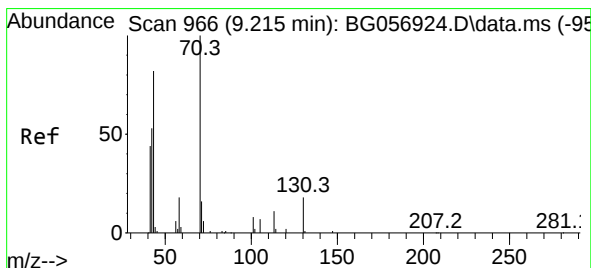
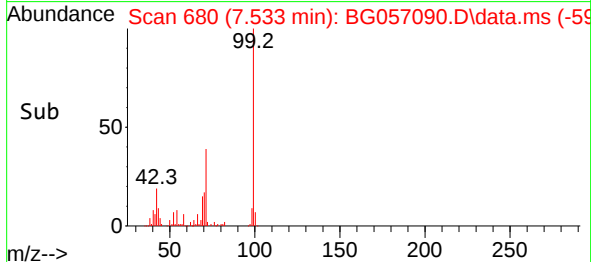
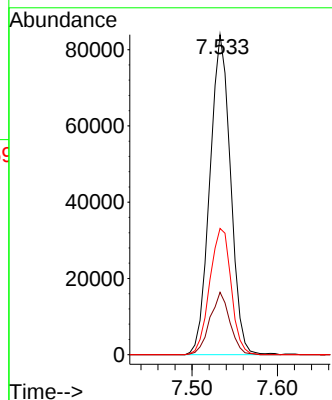
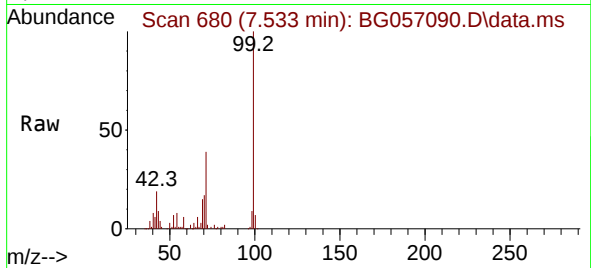




#7
Phenol-d6
Concen: 107.614 ng
RT: 7.533 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

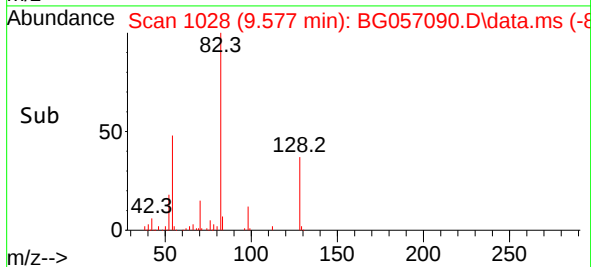
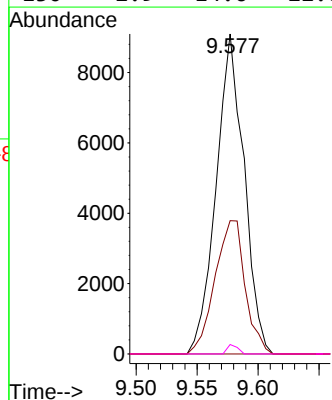
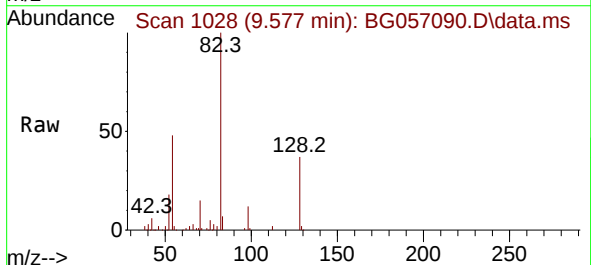
Instrument :
BNA_G
ClientSampleId :
JPP-1-040723

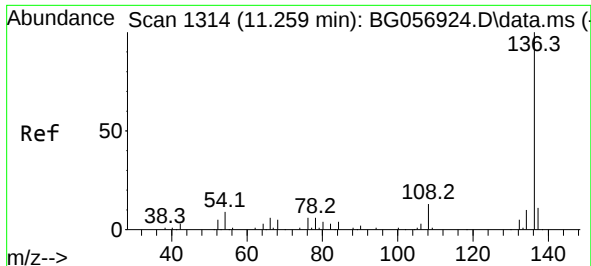
Tgt Ion: 99 Resp: 141416
Ion Ratio Lower Upper
99 100
42 19.5 15.7 23.5
71 39.5 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.420 ng
RT: 9.577 min Scan# 1028
Delta R.T. 0.367 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

Tgt Ion: 70 Resp: 14494
Ion Ratio Lower Upper
70 100
42 41.6 43.4 65.0#
101 0.0 6.2 9.2#
130 2.9 14.6 22.0#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

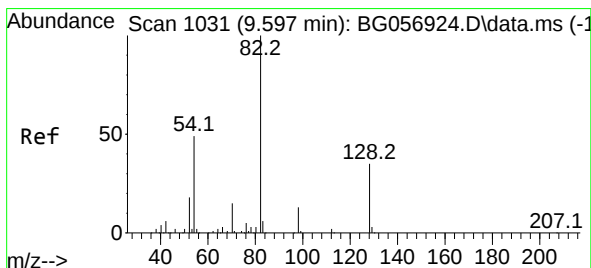
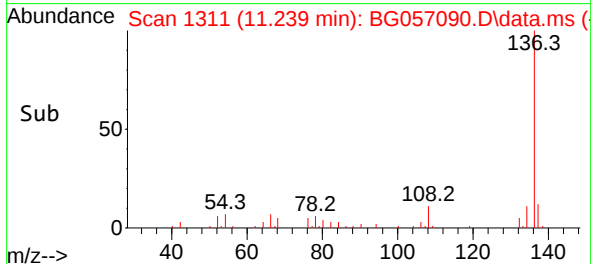
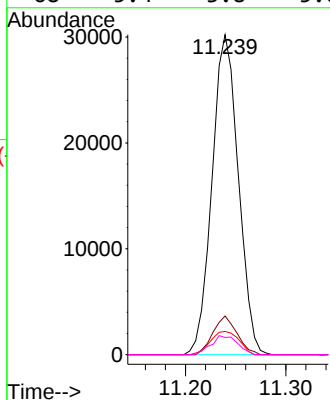
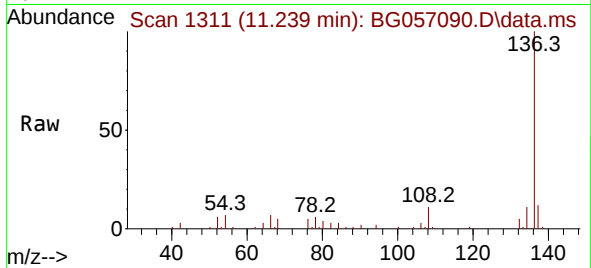
Instrument :

BNA_G

ClientSampleId :

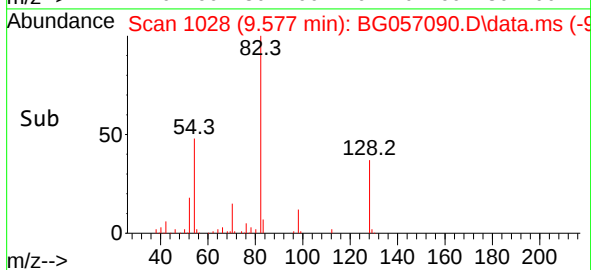
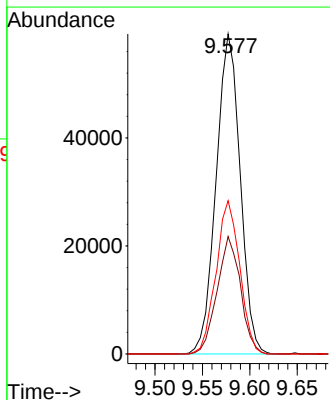
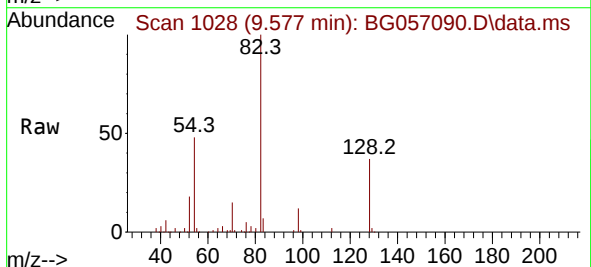
JPP-1-040723

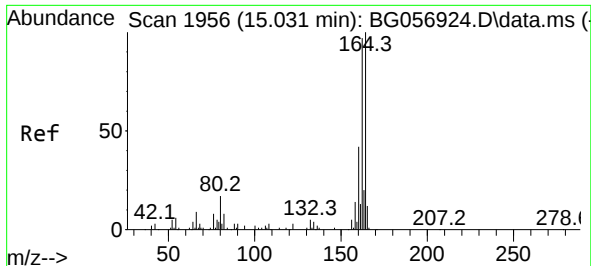
Tgt Ion:136	Resp:	54967
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.6 13.0
54	7.2	6.9 10.3
68	5.4	3.8 5.6



#23
Nitrobenzene-d5
Concen: 77.862 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.009 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

Tgt Ion: 82	Resp:	104596
Ion Ratio	Lower	Upper
82	100	
128	36.7	27.9 41.9
54	47.9	39.4 59.2

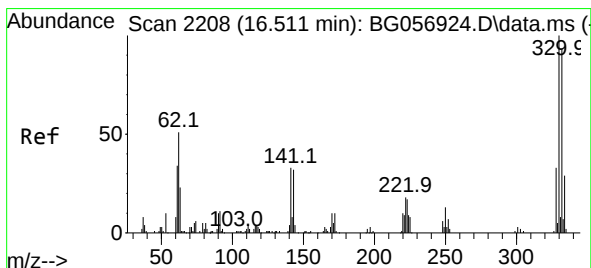
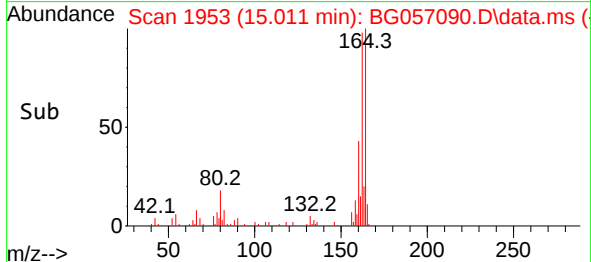
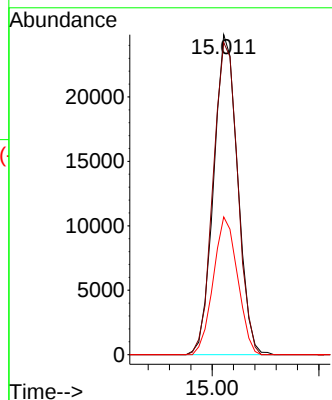
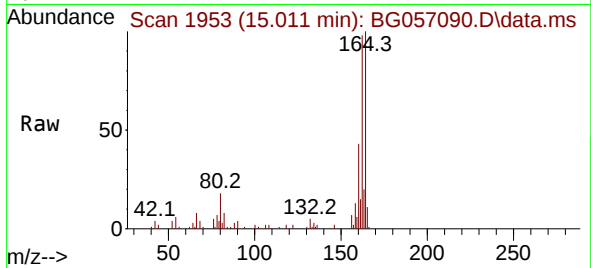




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.011 min Scan# 1953
Delta R.T. -0.009 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

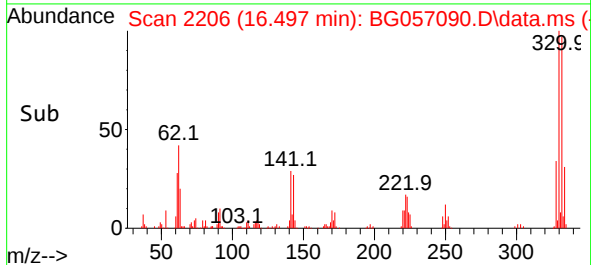
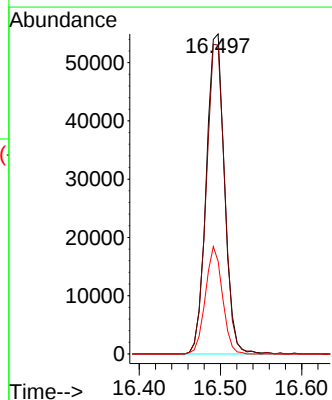
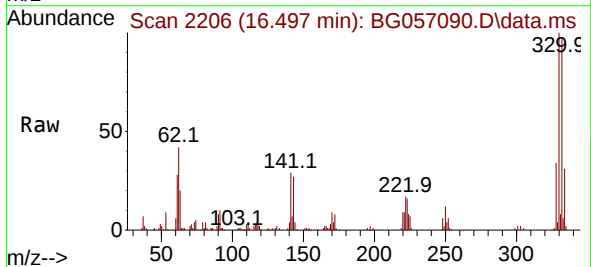
Instrument :
BNA_G
ClientSampleId :
JPP-1-040723

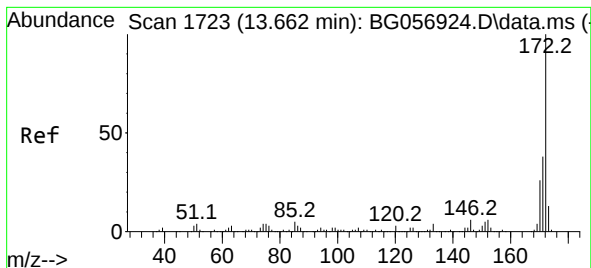
Tgt Ion:164 Resp: 38642
Ion Ratio Lower Upper
164 100
162 97.6 77.8 116.8
160 43.0 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 138.008 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

Tgt Ion:330 Resp: 85195
Ion Ratio Lower Upper
330 100
332 97.8 76.1 114.1
141 31.4 25.8 38.6

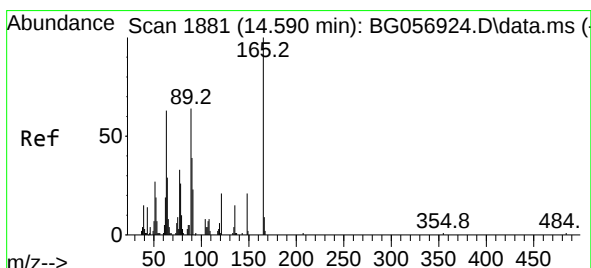
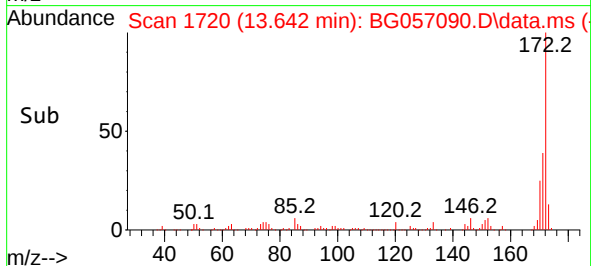
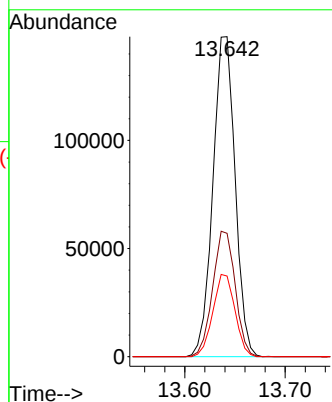
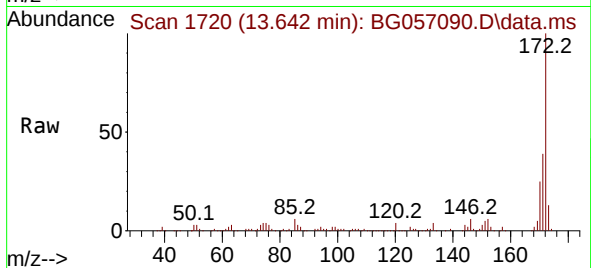




#45
2-Fluorobiphenyl
Concen: 79.864 ng
RT: 13.642 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

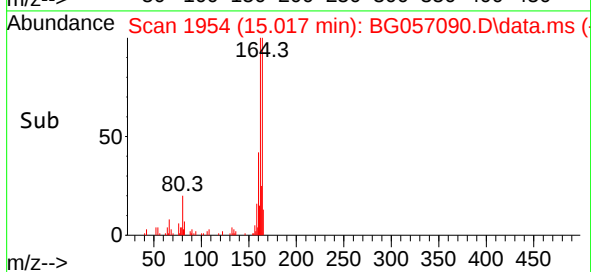
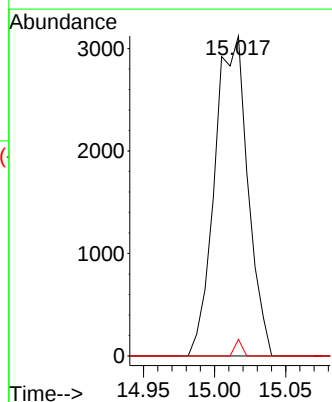
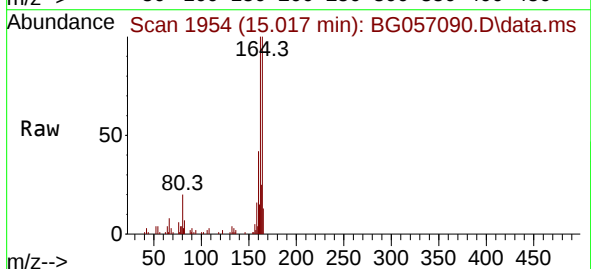
Instrument :
BNA_G
ClientSampleId :
JPP-1-040723

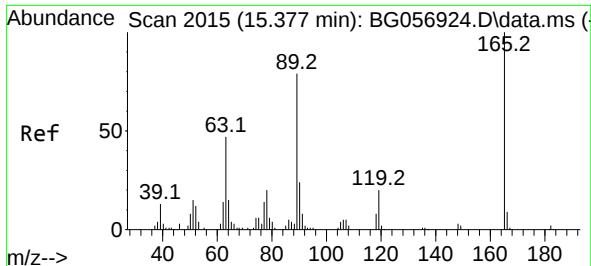
Tgt Ion:172 Resp: 227587
Ion Ratio Lower Upper
172 100
171 38.6 30.6 46.0
170 25.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.669 ng
RT: 15.017 min Scan# 1954
Delta R.T. 0.432 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

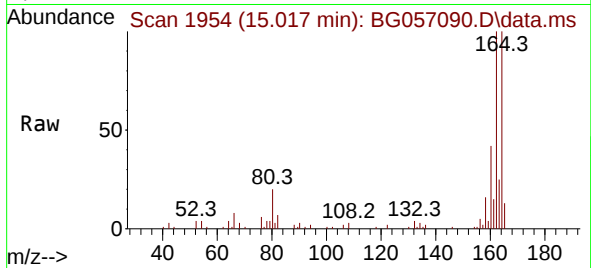
Tgt Ion:165 Resp: 5045
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 5.2 51.0 76.4#



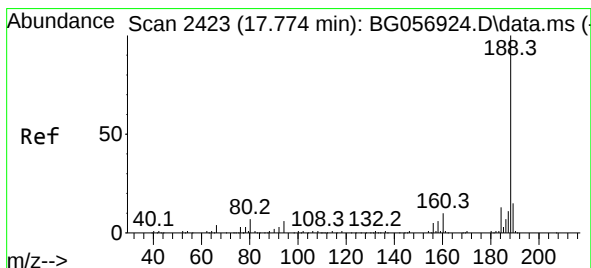
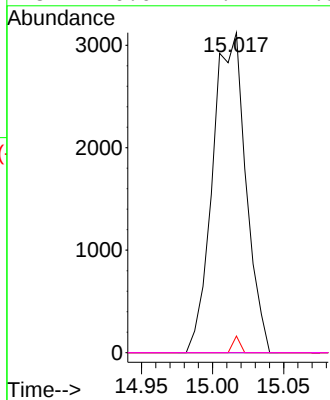
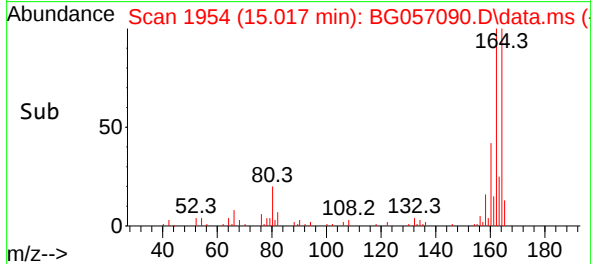


#57
2,4-Dinitrotoluene
Concen: 5.438 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.350 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

Instrument :
BNA_G
ClientSampleId :
JPP-1-040723

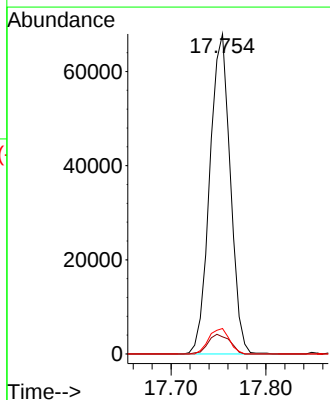
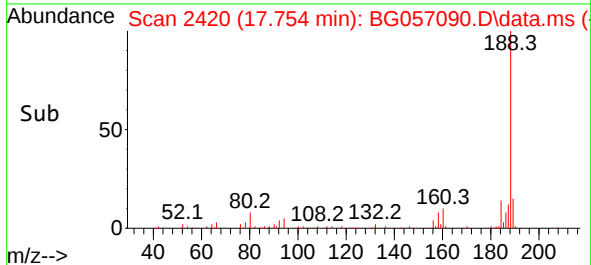
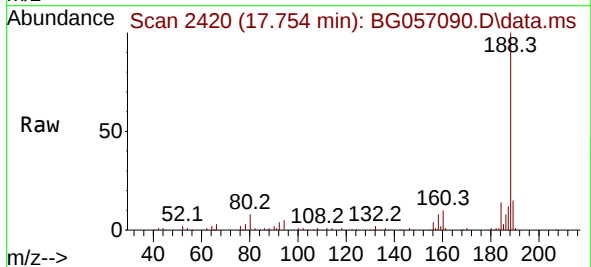


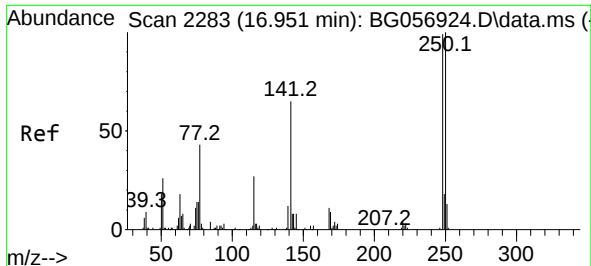
Tgt Ion:165 Resp: 5045
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 5.2 63.2 94.8#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

Tgt Ion:188 Resp: 102268
Ion Ratio Lower Upper
188 100
94 5.3 4.6 6.8
80 8.0 5.5 8.3

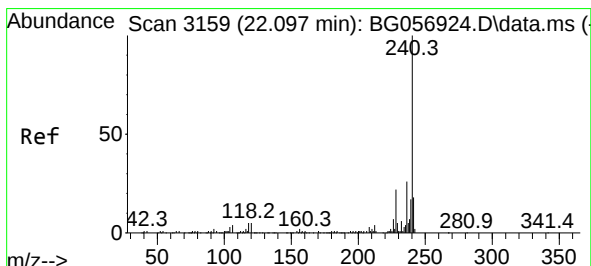
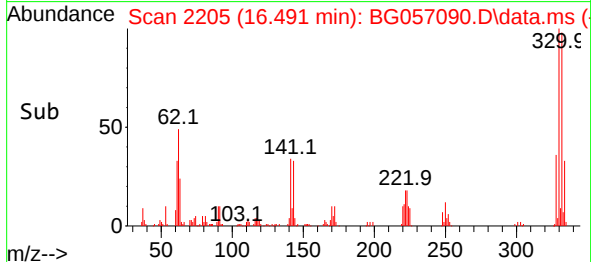
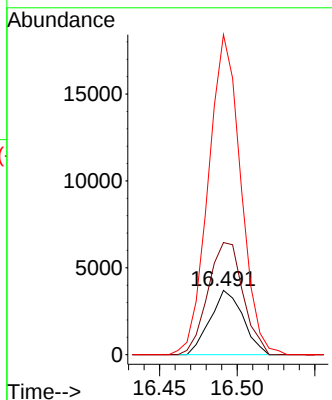
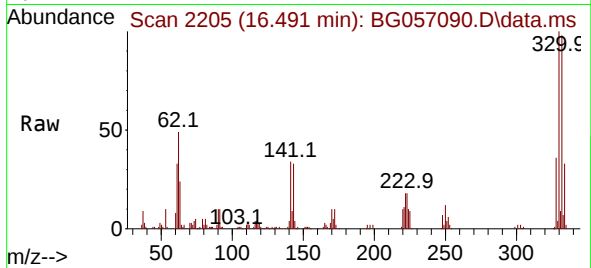




#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 16.491 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

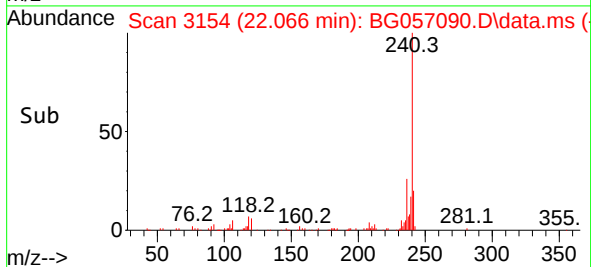
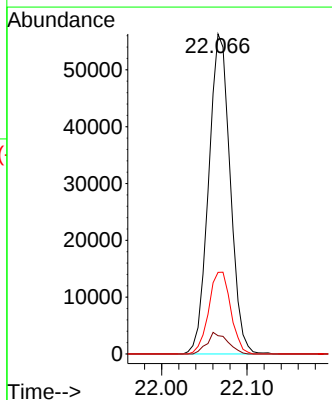
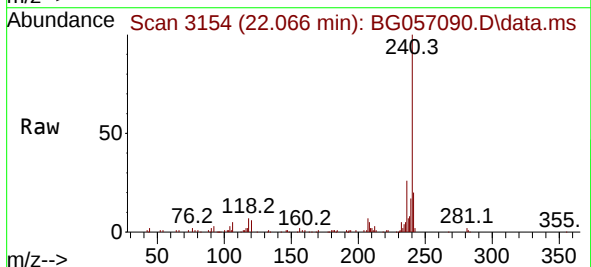
Instrument :
BNA_G
ClientSampleId :
JPP-1-040723

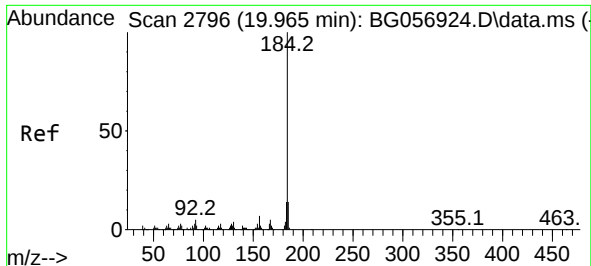
Tgt Ion:248 Resp: 5449
Ion Ratio Lower Upper
248 100
250 174.4 80.5 120.7#
141 497.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

Tgt Ion:240 Resp: 98696
Ion Ratio Lower Upper
240 100
120 5.7 3.8 5.6#
236 25.5 21.0 31.6

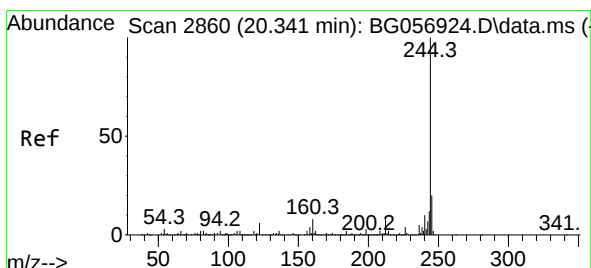
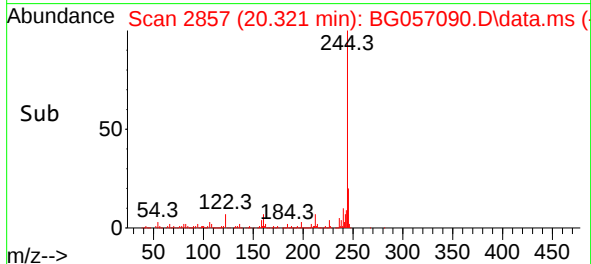
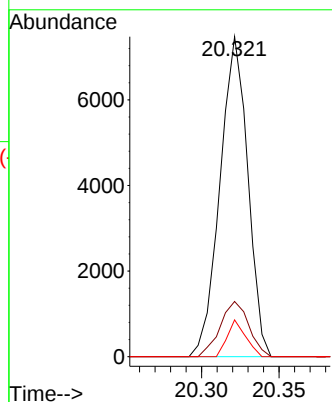
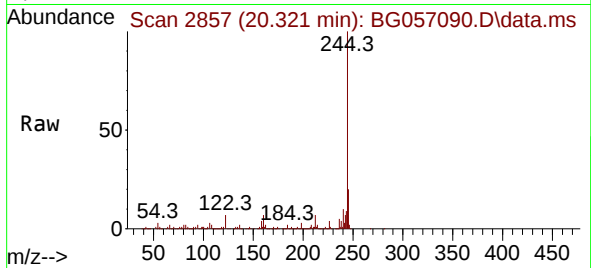




#77
Benzidine
Concen: 3.451 ng
RT: 20.321 min Scan# 2857
Delta R.T. 0.367 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

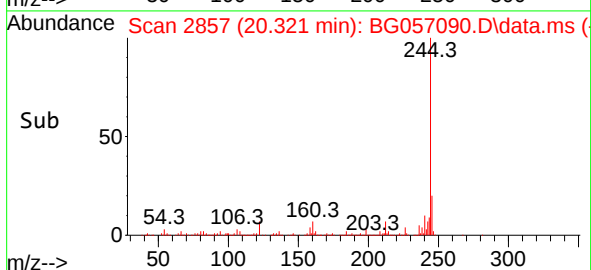
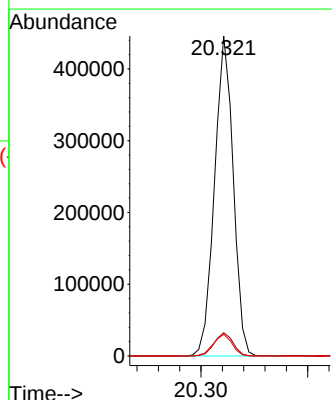
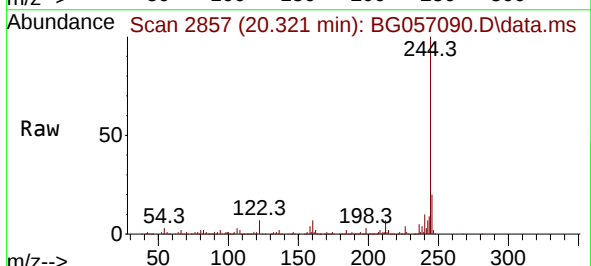
Instrument :
BNA_G
ClientSampleId :
JPP-1-040723

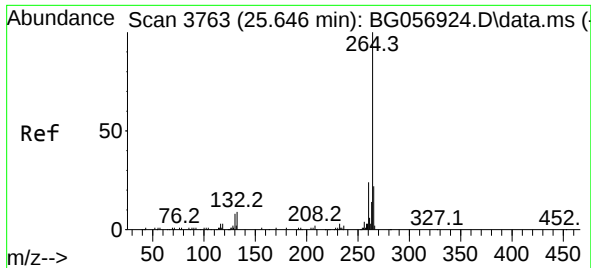
Tgt Ion:184 Resp: 9311
Ion Ratio Lower Upper
184 100
185 17.2 11.0 16.4#
183 11.5 11.4 17.0



#79
Terphenyl-d14
Concen: 92.691 ng
RT: 20.321 min Scan# 2857
Delta R.T. -0.003 min
Lab File: BG057090.D
Acq: 13 Apr 2023 20:45

Tgt Ion:244 Resp: 540623
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG057090.D
 Acq: 13 Apr 2023 20:45

Instrument :
 BNA_G
 ClientSampleId :
 JPP-1-040723

Tgt Ion:264 Resp: 102232
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.1 17.8 26.6

