

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056152.D
 Acq On : 29 Dec 2022 13:23
 Operator : CG/JU
 Sample : N6218-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26179RE

Quant Time: Dec 30 04:05:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

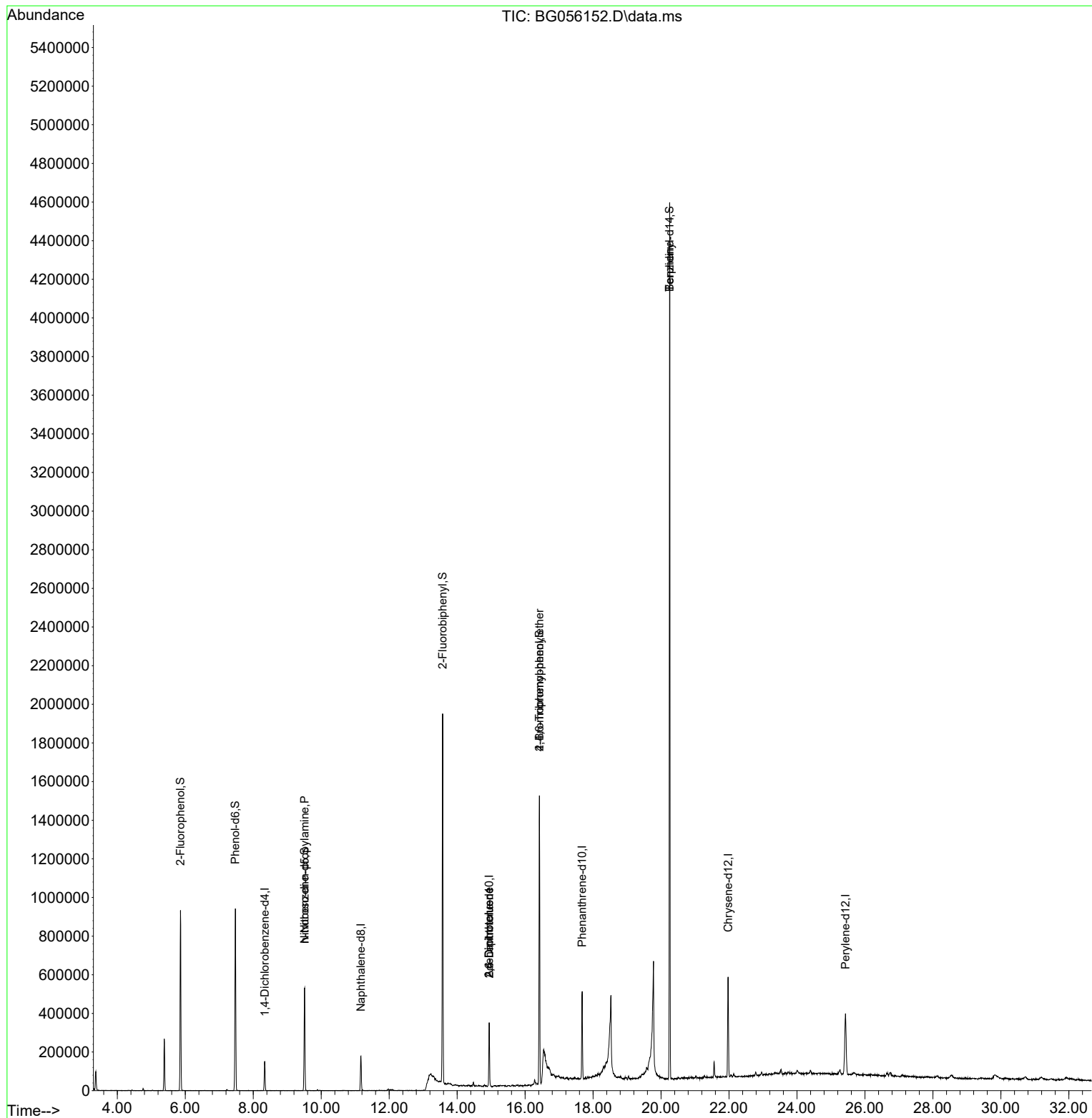
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	49869	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	169681	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	120344	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	322160	20.000	ng	0.00
76) Chrysene-d12	21.975	240	366083	20.000	ng	0.00
86) Perylene-d12	25.429	264	386178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	517297	185.212	ng	0.00
7) Phenol-d6	7.474	99	723099	168.584	ng	0.00
23) Nitrobenzene-d5	9.513	82	390266	117.649	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	301436	197.775	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	1056814	121.265	ng	0.00
79) Terphenyl-d14	20.253	244	2406086	117.717	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.513	70	48648	18.652	ng	# 73
51) 2,6-Dinitrotoluene	14.942	165	16240	7.845	ng	# 31
57) 2,4-Dinitrotoluene	14.942	165	16240	5.610	ng	# 28
67) 4-Bromophenyl-phenylether	16.422	248	24978	6.089	ng	# 1
77) Benzidine	20.253	184	37024	2.886	ng	# 80

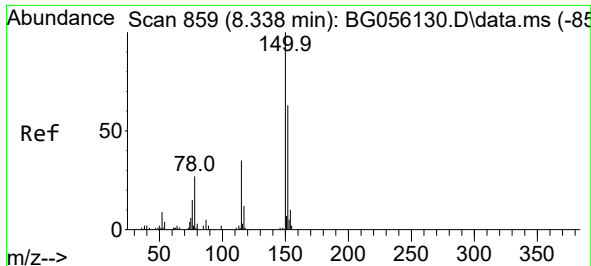
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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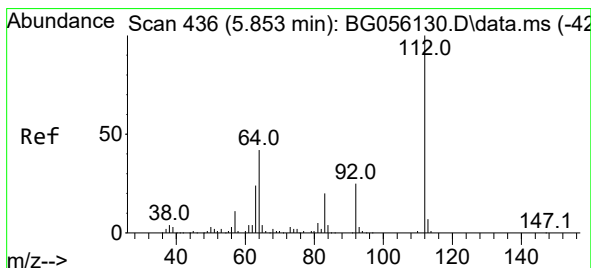
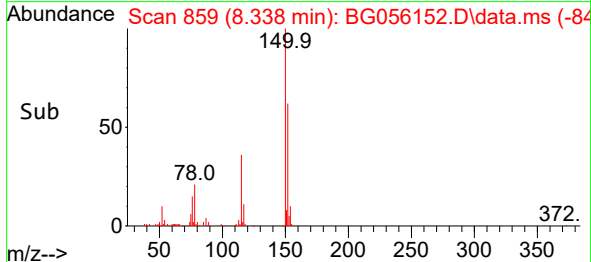
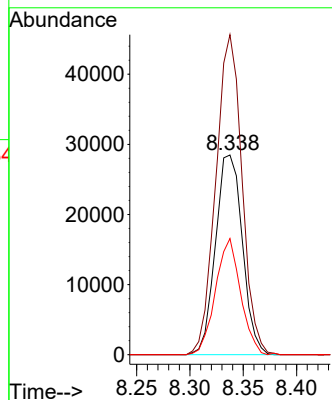
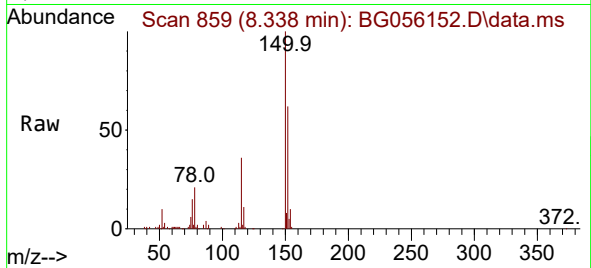




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG056152.D
 Acq: 29 Dec 2022 13:23

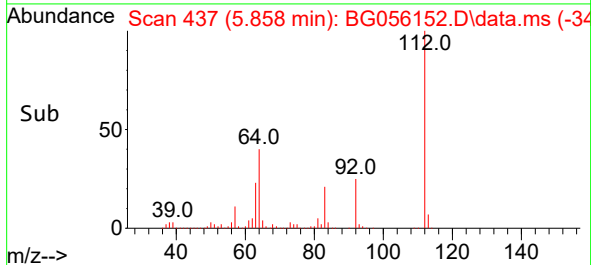
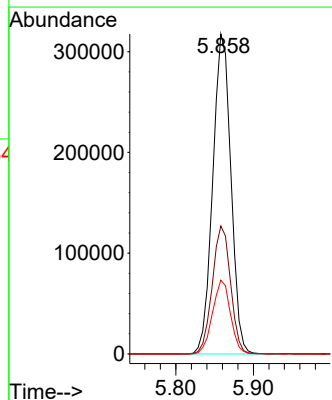
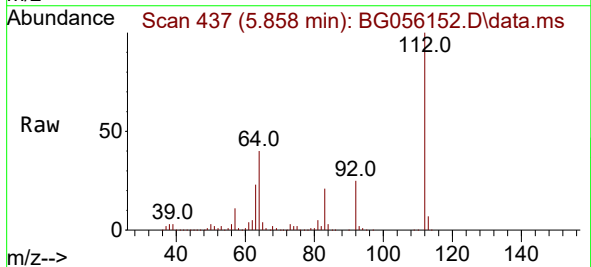
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-26179RE

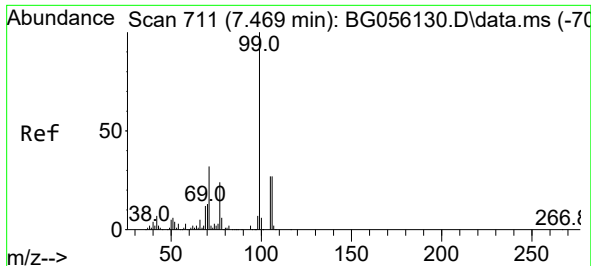
Tgt Ion:152 Resp: 49869
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.9 191.9
 115 58.2 44.2 66.2



#5
 2-Fluorophenol
 Concen: 185.212 ng
 RT: 5.858 min Scan# 437
 Delta R.T. 0.005 min
 Lab File: BG056152.D
 Acq: 29 Dec 2022 13:23

Tgt Ion:112 Resp: 517297
 Ion Ratio Lower Upper
 112 100
 64 40.0 33.3 49.9
 63 23.0 19.0 28.4

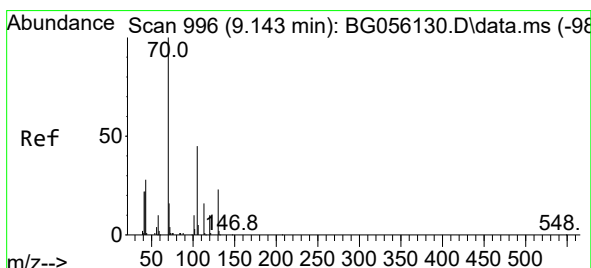
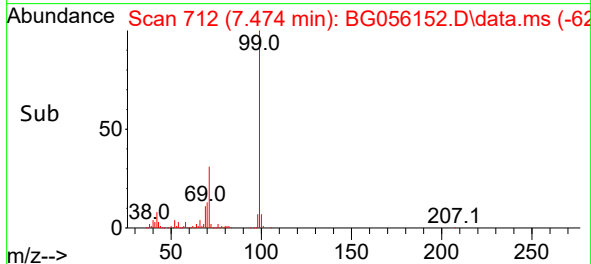
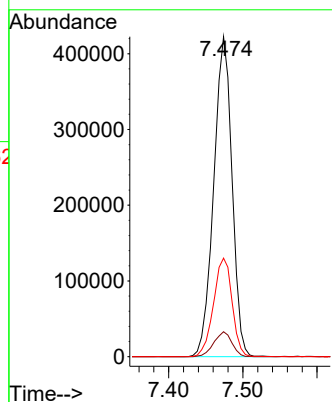
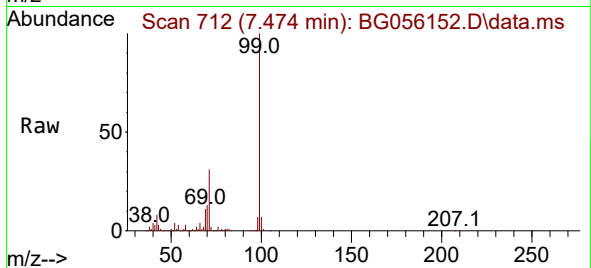




#7
Phenol-d6
Concen: 168.584 ng
RT: 7.474 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

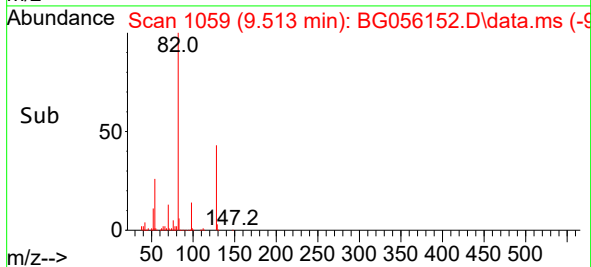
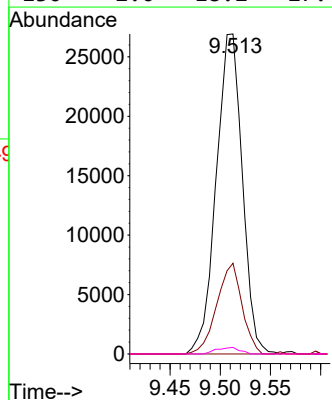
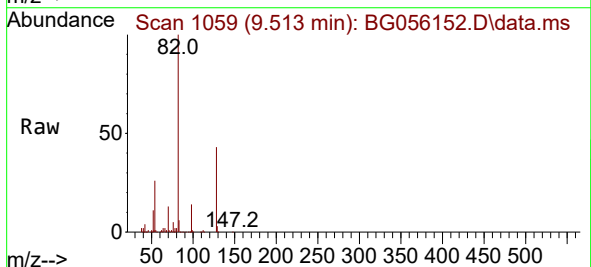
Instrument :
BNA_G
ClientSampleId :
CHRT-26179RE

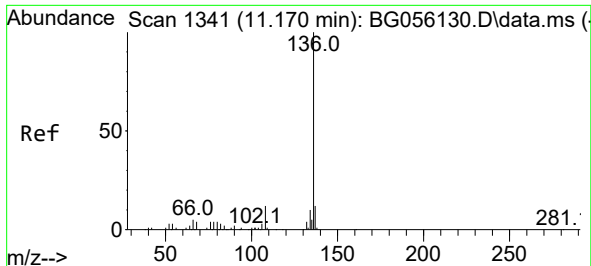
Tgt Ion: 99 Resp: 723099
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.652 ng
RT: 9.513 min Scan# 1059
Delta R.T. 0.370 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

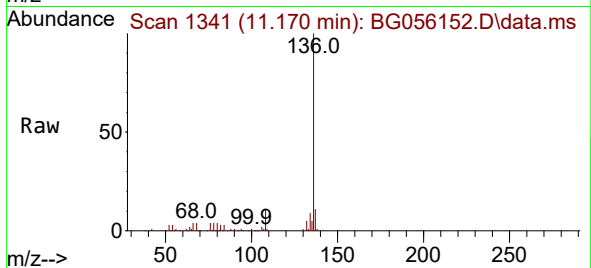
Tgt Ion: 70 Resp: 48648
Ion Ratio Lower Upper
70 100
42 28.3 18.2 27.2#
101 0.0 8.3 12.5#
130 2.0 18.2 27.4#



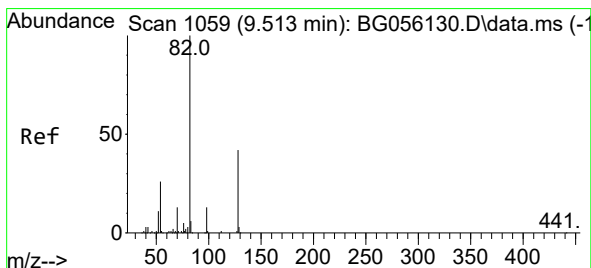
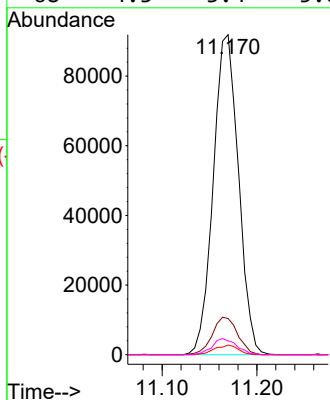
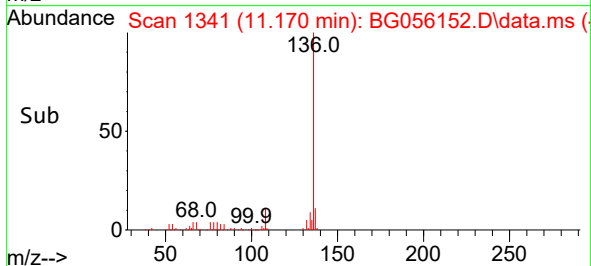


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

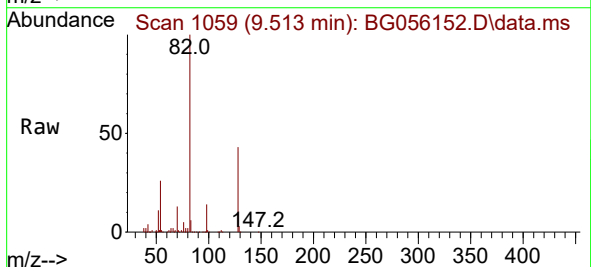
Instrument :
BNA_G
ClientSampleId :
CHRT-26179RE



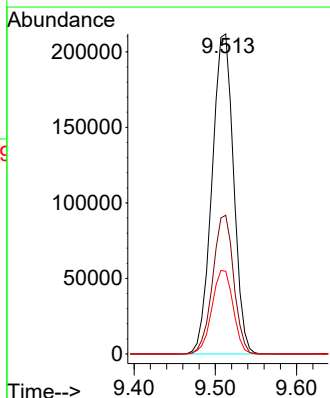
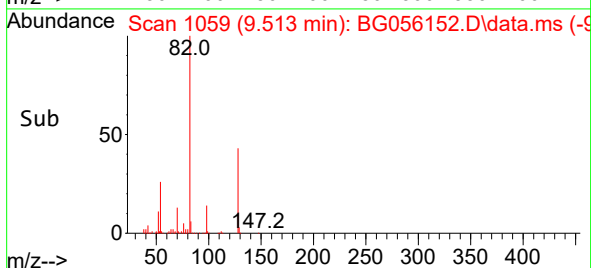
Tgt Ion:	136	Resp:	169681
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.0
54	3.0	2.2	3.2
68	4.3	3.4	5.0

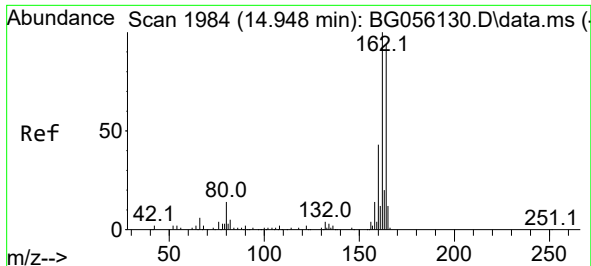


#23
Nitrobenzene-d5
Concen: 117.649 ng
RT: 9.513 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23



Tgt Ion:	82	Resp:	390266
Ion Ratio	Lower	Upper	
82	100		
128	43.4	33.4	50.2
54	25.8	20.3	30.5

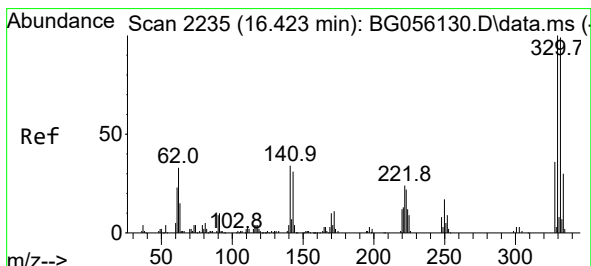
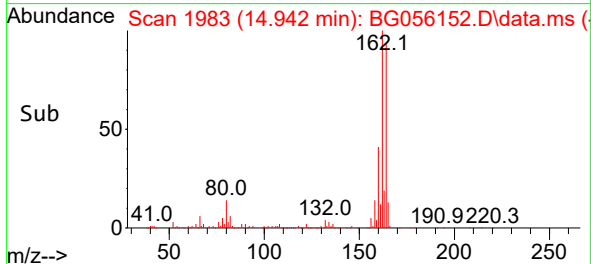
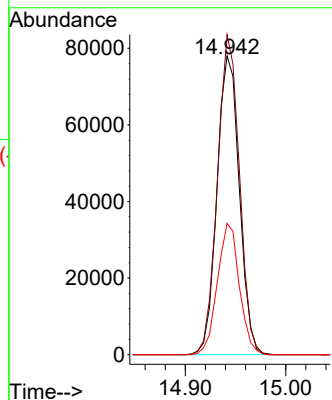
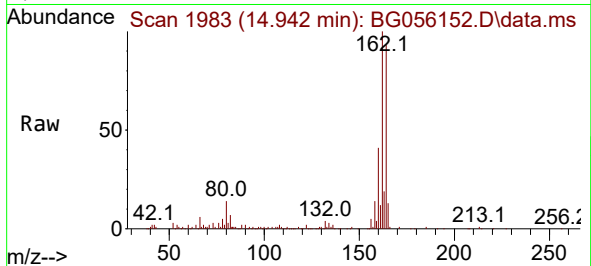




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

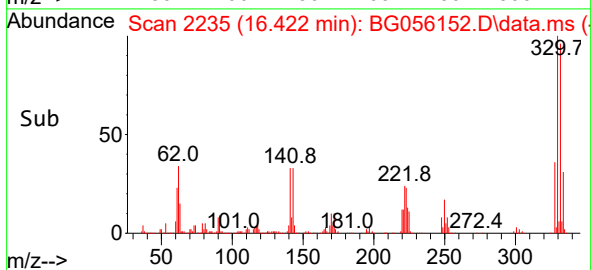
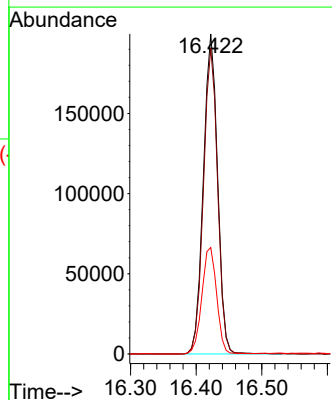
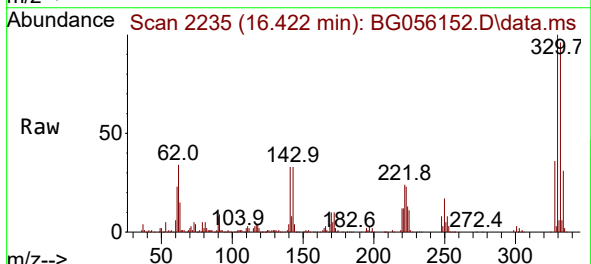
Instrument :
BNA_G
ClientSampleId :
CHRT-26179RE

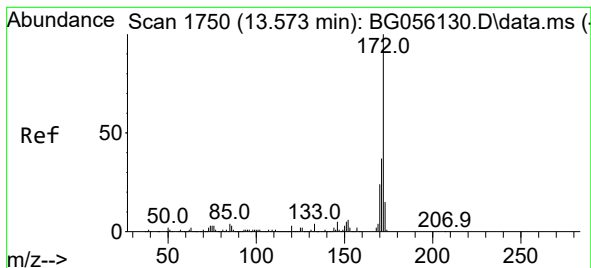
Tgt Ion:164 Resp: 120344
Ion Ratio Lower Upper
164 100
162 107.1 84.7 127.1
160 43.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 197.775 ng
RT: 16.422 min Scan# 2235
Delta R.T. -0.001 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

Tgt Ion:330 Resp: 301436
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 34.5 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 121.265 ng

RT: 13.573 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056152.D

Acq: 29 Dec 2022 13:23

Instrument :

BNA_G

ClientSampleId :

CHRT-26179RE

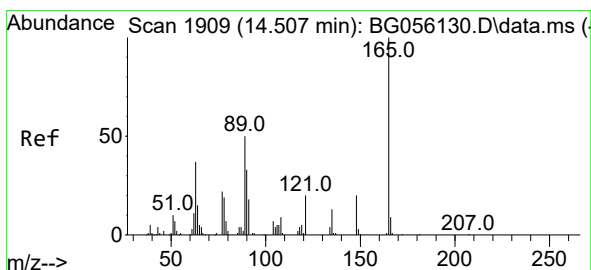
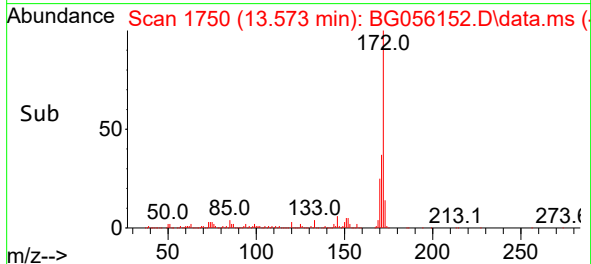
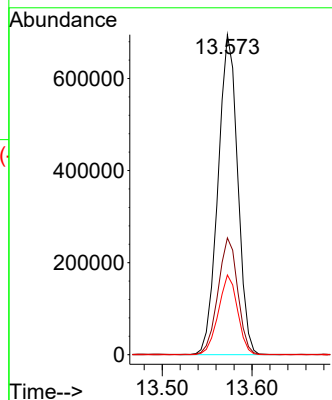
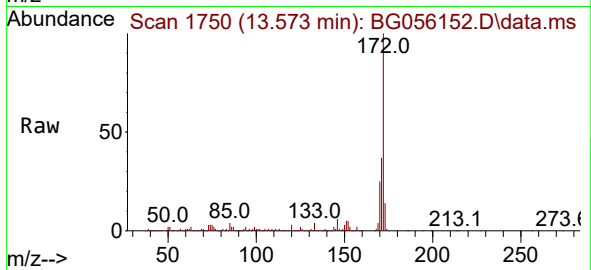
Tgt Ion:172 Resp: 1056814

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 24.9 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.845 ng

RT: 14.942 min Scan# 1983

Delta R.T. 0.434 min

Lab File: BG056152.D

Acq: 29 Dec 2022 13:23

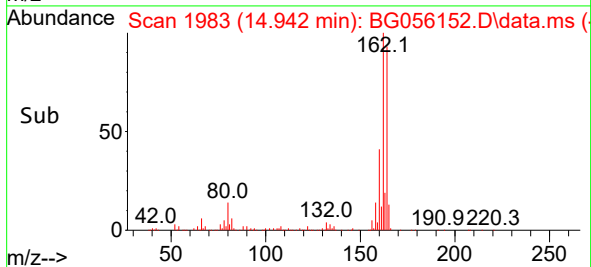
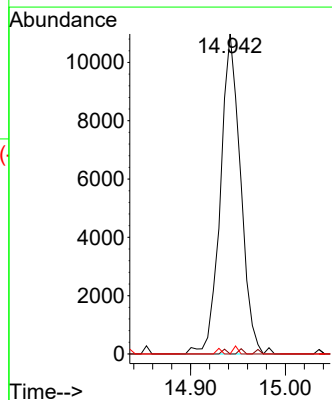
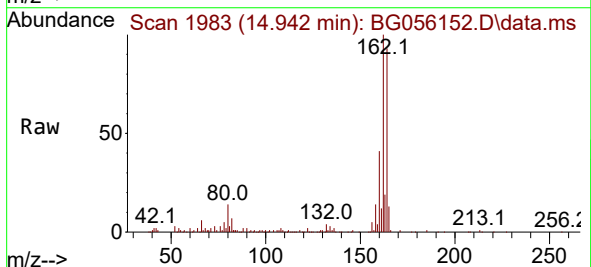
Tgt Ion:165 Resp: 16240

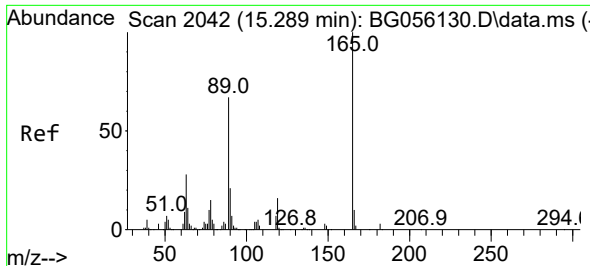
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 0.0 39.8 59.8#

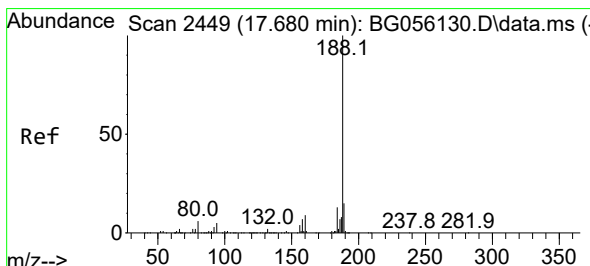
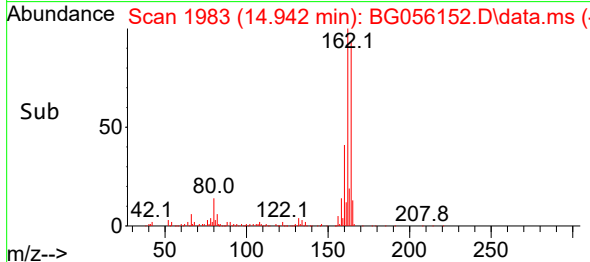
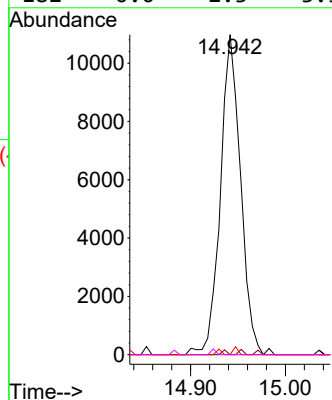
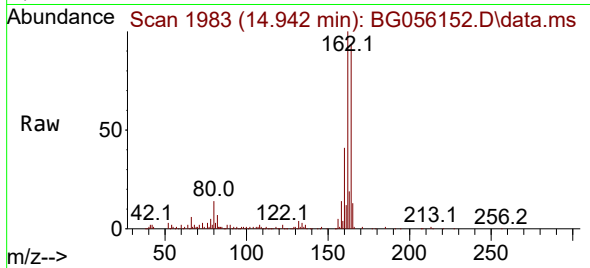




#57
2,4-Dinitrotoluene
Concen: 5.610 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.347 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

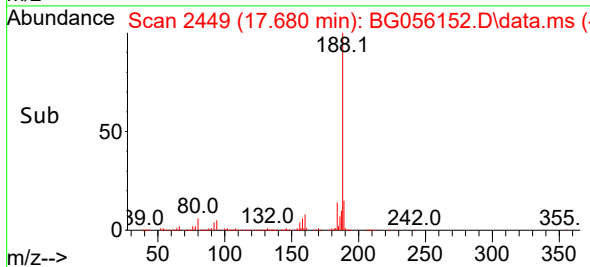
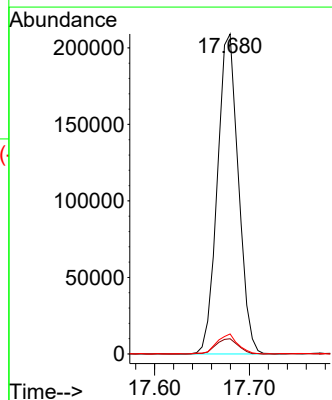
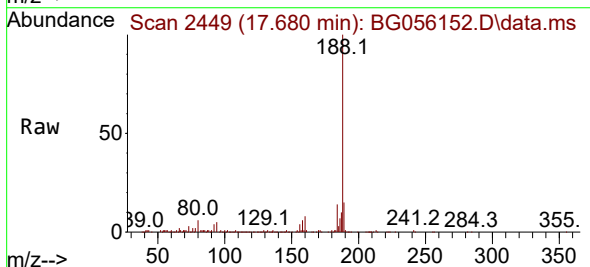
Instrument :
BNA_G
ClientSampleId :
CHRT-26179RE

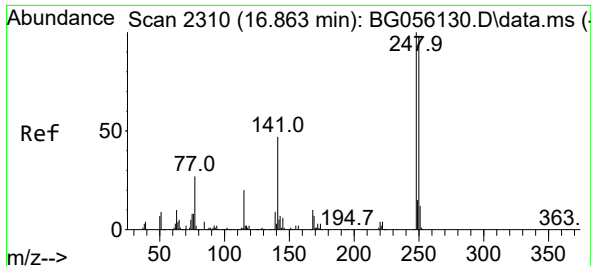
Tgt Ion:165 Resp: 16240
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

Tgt Ion:188 Resp: 322160
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 6.3 5.0 7.4

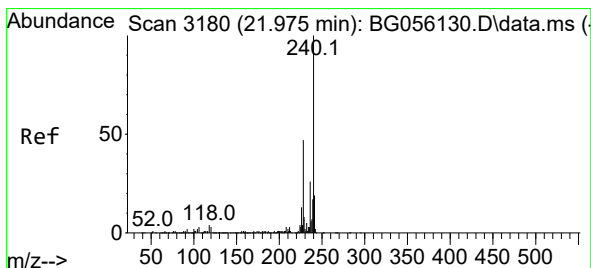
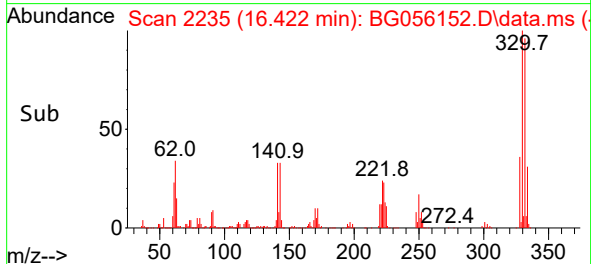
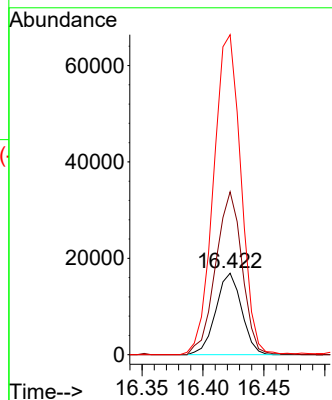
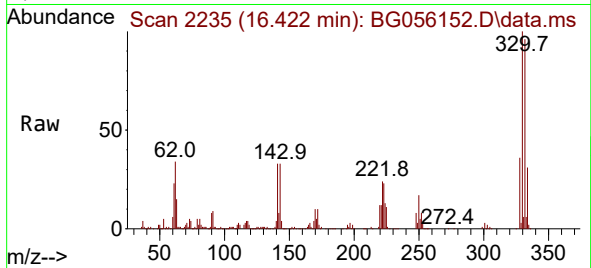




#67
4-Bromophenyl-phenylether
Concen: 6.089 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

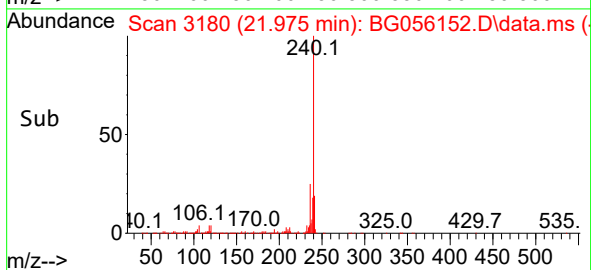
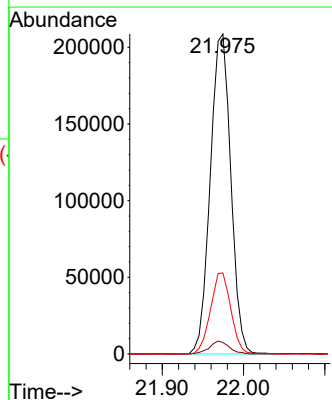
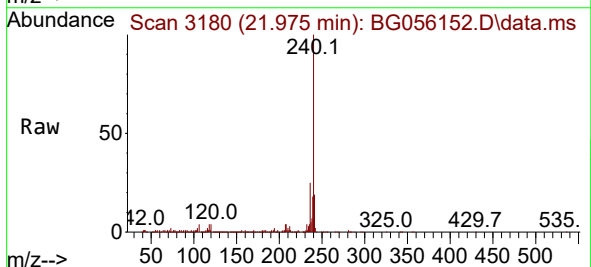
Instrument :
BNA_G
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CHRT-26179RE

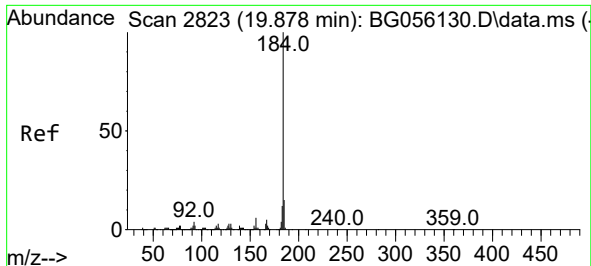
Tgt Ion:248 Resp: 24978
Ion Ratio Lower Upper
248 100
250 151.5 78.2 117.4#
141 297.5 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.975 min Scan# 3180
Delta R.T. -0.001 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

Tgt Ion:240 Resp: 366083
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 25.3 20.8 31.2

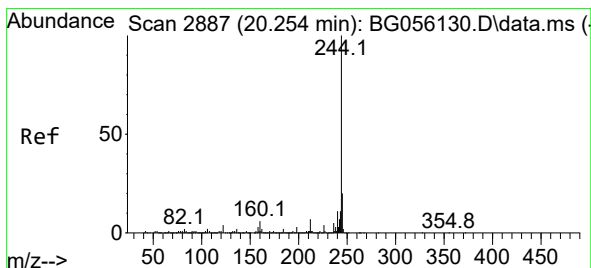
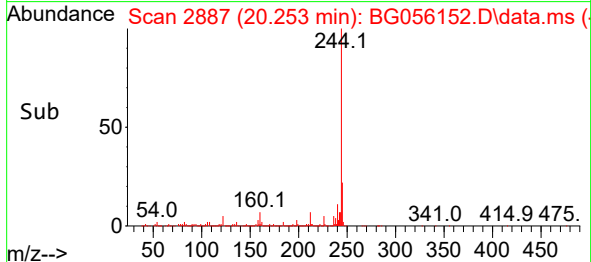
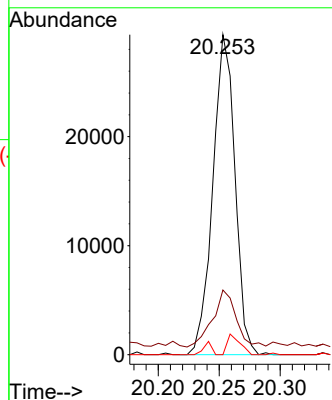
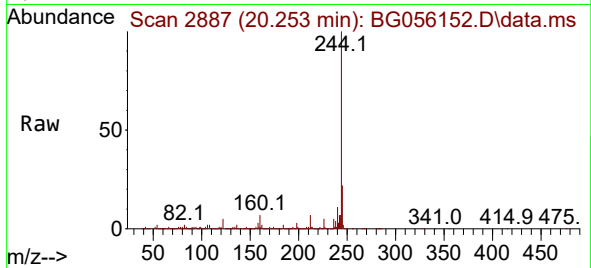




#77
Benzidine
Concen: 2.886 ng
RT: 20.253 min Scan# 2887
Delta R.T. 0.375 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

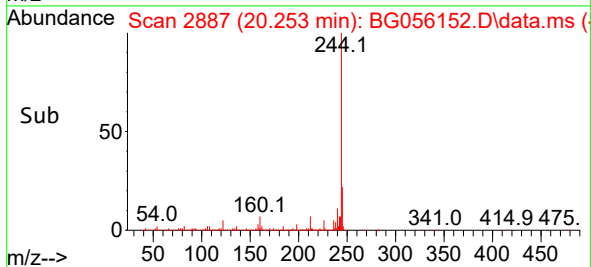
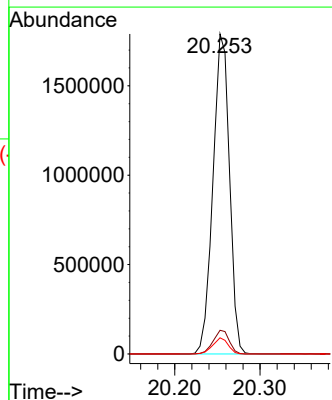
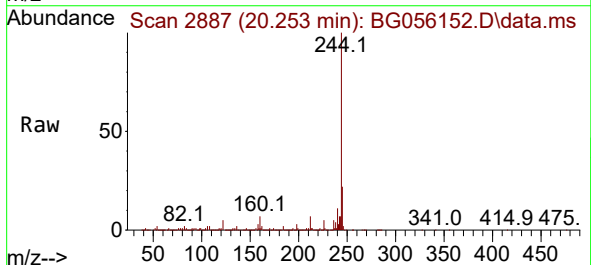
Instrument :
BNA_G
ClientSampleId :
CHRT-26179RE

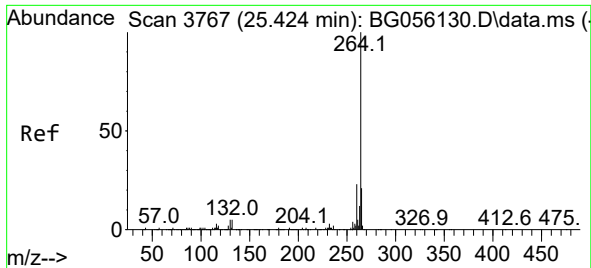
Tgt Ion:184 Resp: 37024
Ion Ratio Lower Upper
184 100
185 20.2 12.2 18.2#
183 0.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 117.717 ng
RT: 20.253 min Scan# 2887
Delta R.T. -0.001 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

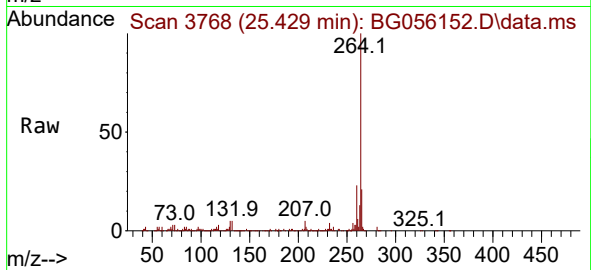
Tgt Ion:244 Resp: 2406086
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 5.1 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.429 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG056152.D
Acq: 29 Dec 2022 13:23

Instrument :
BNA_G
ClientSampleId :
CHRT-26179RE



Tgt Ion:264 Resp: 386178

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	20.8	16.7	25.1

