

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057583.D
 Acq On : 26 May 2023 13:17
 Operator : CG/JU
 Sample : 02913-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-70A

Quant Time: May 26 15:05:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

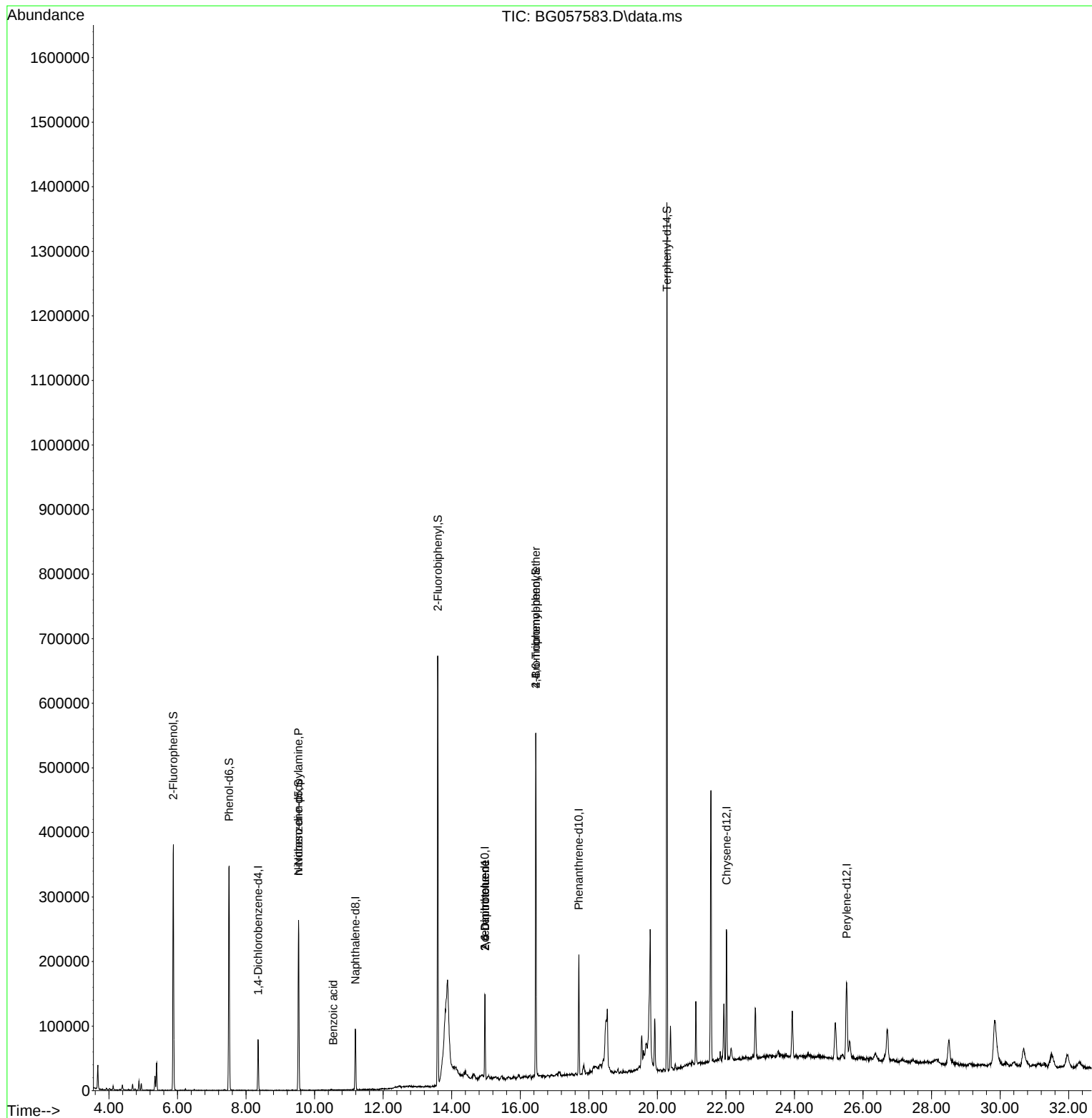
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.351	152	21971	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	80664	20.000	ng	0.00
39) Acenaphthene-d10	14.966	164	48757	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	120681	20.000	ng	0.00
76) Chrysene-d12	22.015	240	127929	20.000	ng	0.00
86) Perylene-d12	25.522	264	142769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	173555	135.126	ng	0.00
7) Phenol-d6	7.505	99	219717	112.652	ng	0.00
23) Nitrobenzene-d5	9.532	82	169989	88.448	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	109111	157.718	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	355616	98.231	ng	0.00
79) Terphenyl-d14	20.276	244	699403	89.219	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.499	77	386	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.532	70	23631	15.889	ng	# 77
32) Benzoic acid	10.542	122	57	4.785	ng	# 1
51) 2,6-Dinitrotoluene	14.971	165	6360	7.775	ng	# 17
57) 2,4-Dinitrotoluene	14.971	165	6360	5.440	ng	# 20
67) 4-Bromophenyl-phenylether	16.452	248	7382	5.011	ng	# 1

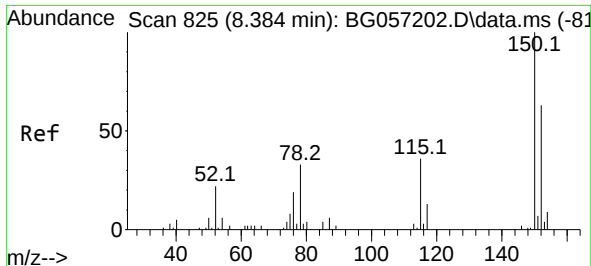
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
Data File : BG057583.D
Acq On : 26 May 2023 13:17
Operator : CG/JU
Sample : 02913-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-70A

Quant Time: May 26 15:05:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

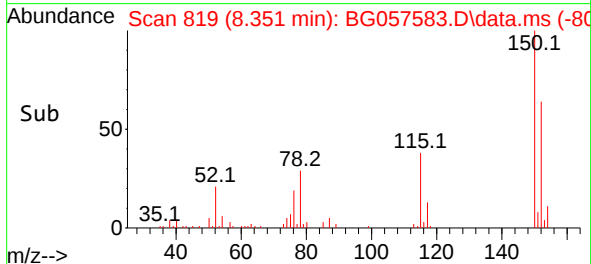
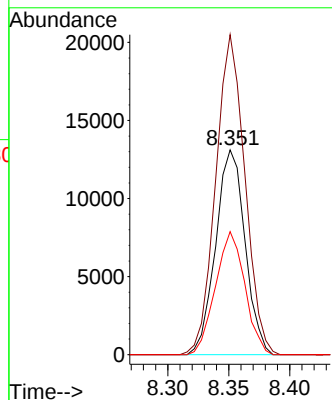
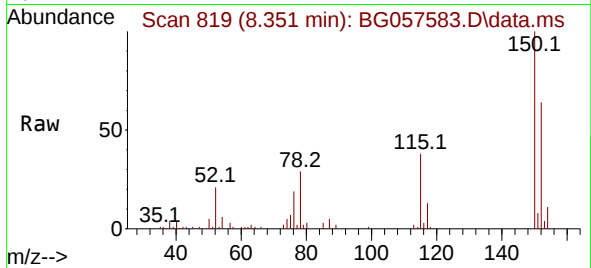




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.351 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

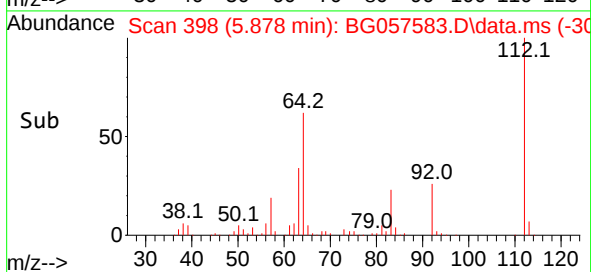
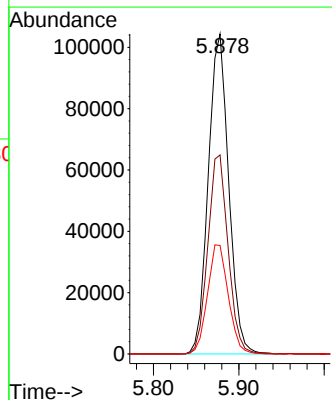
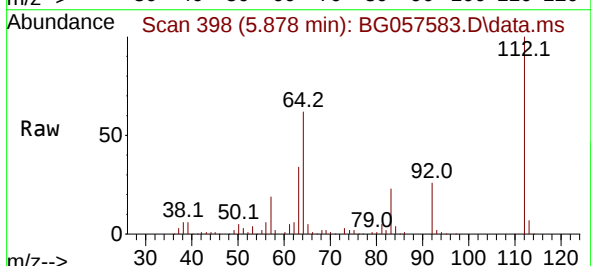
Instrument :
BNA_G
ClientSampleId :
TP-70A

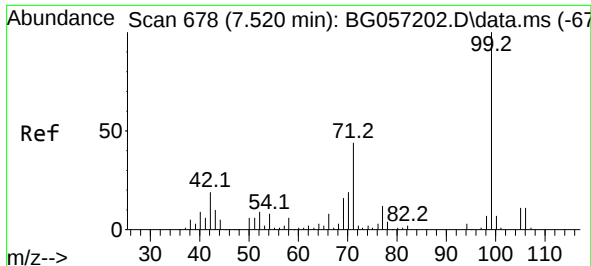
Tgt Ion:152 Resp: 21971
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.4
115 60.1 45.0 67.4



#5
2-Fluorophenol
Concen: 135.126 ng
RT: 5.878 min Scan# 398
Delta R.T. 0.006 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

Tgt Ion:112 Resp: 173555
Ion Ratio Lower Upper
112 100
64 62.2 49.4 74.2
63 33.9 31.6 47.4

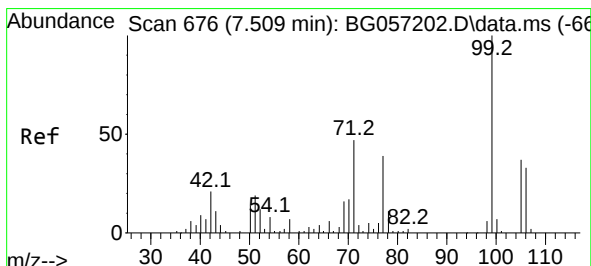
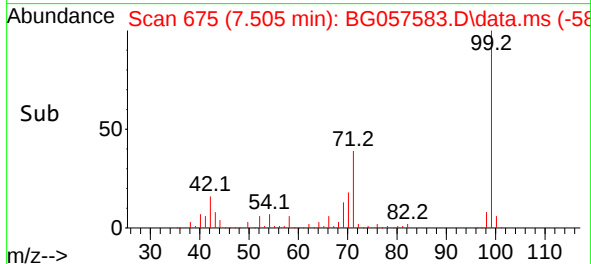
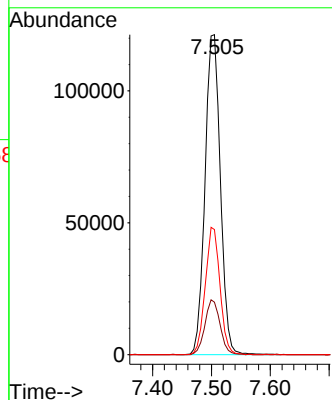
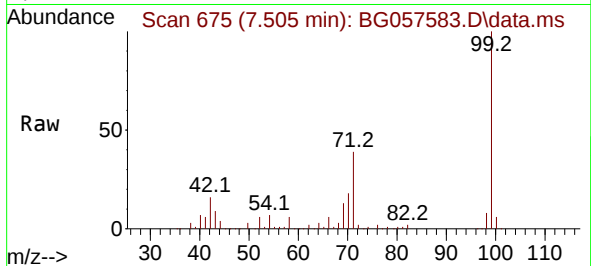




#7
Phenol-d6
Concen: 112.652 ng
RT: 7.505 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

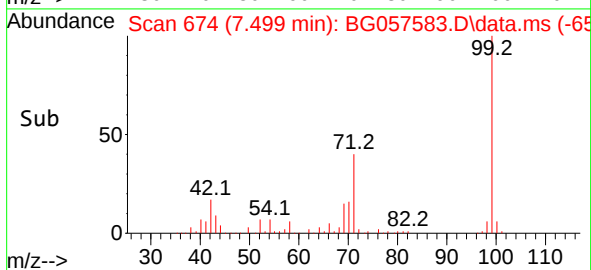
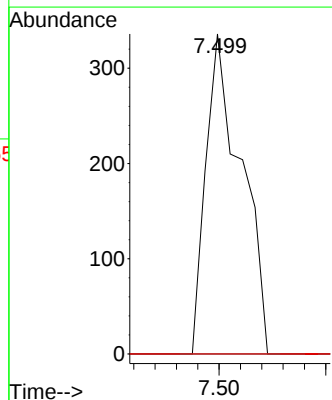
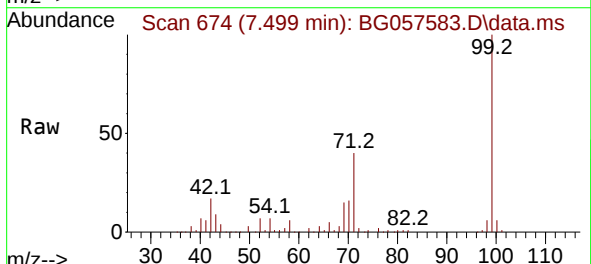
Instrument :
BNA_G
ClientSampleId :
TP-70A

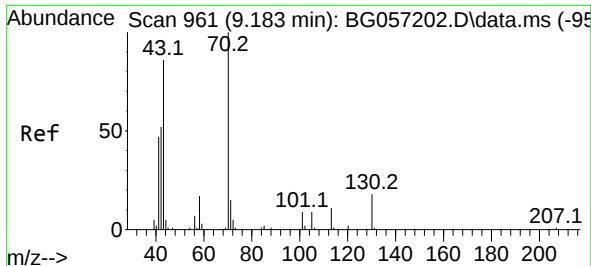
Tgt Ion: 99 Resp: 219717
Ion Ratio Lower Upper
99 100
42 16.4 15.1 22.7
71 39.1 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.499 min Scan# 674
Delta R.T. 0.017 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

Tgt Ion: 77 Resp: 386
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

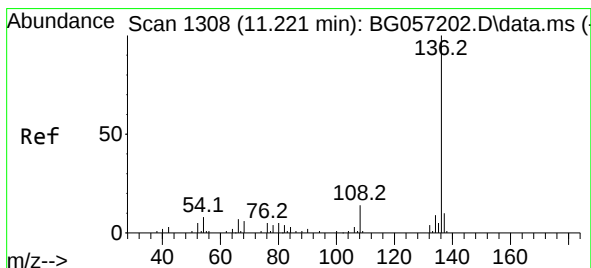
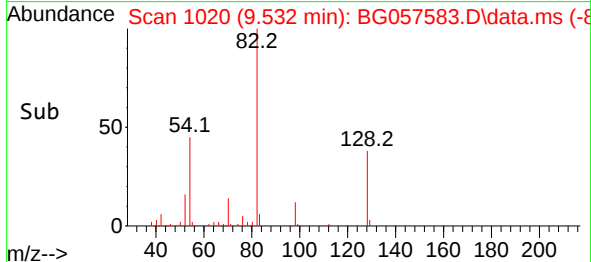
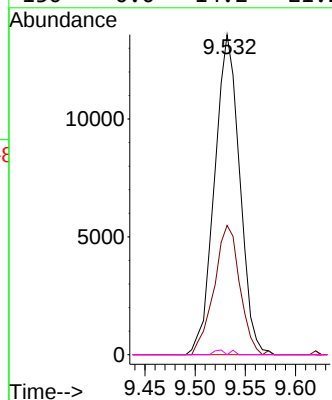
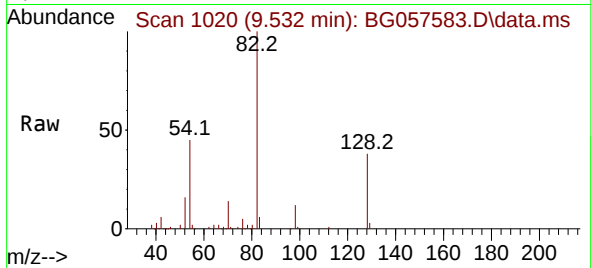




#19
n-Nitroso-di-n-propylamine
Concen: 15.889 ng
RT: 9.532 min Scan# 1020
Delta R.T. 0.376 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

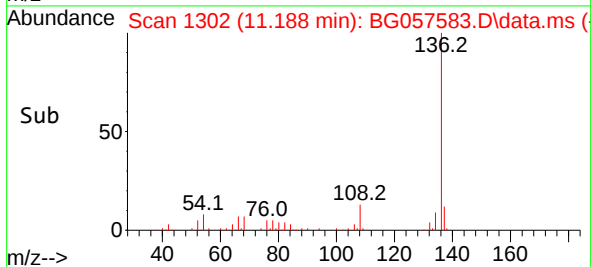
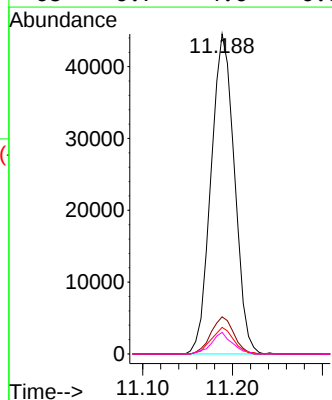
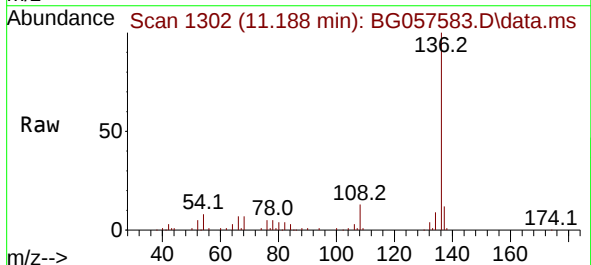
Instrument :
BNA_G
ClientSampleId :
TP-70A

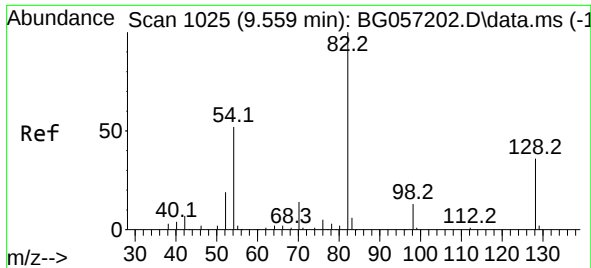
Tgt Ion: 70 Resp: 23631
Ion Ratio Lower Upper
70 100
42 40.4 41.8 62.8#
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

Tgt Ion:136 Resp: 80664
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 8.3 6.7 10.1
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.448 ng

RT: 9.532 min Scan# 110

Delta R.T. -0.006 min

Lab File: BG057583.D

Acq: 26 May 2023 13:17

Instrument :

BNA_G

ClientSampleId :

TP-70A

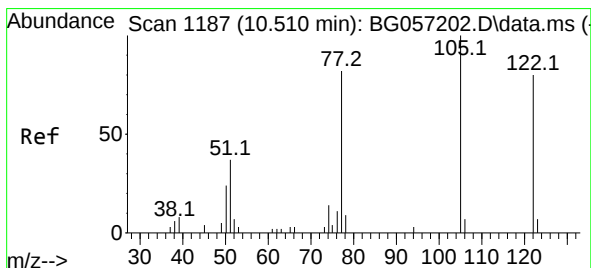
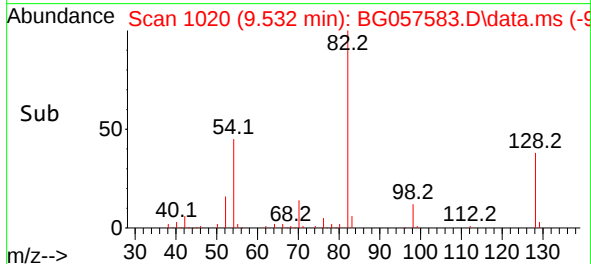
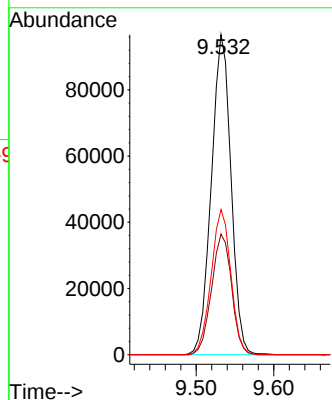
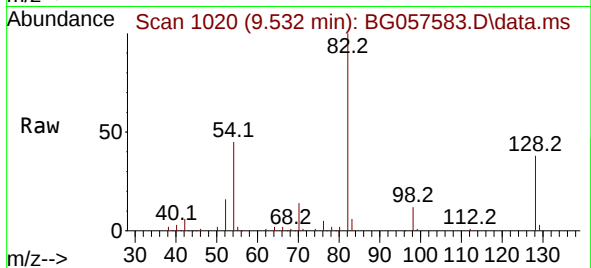
Tgt Ion: 82 Resp: 169989

Ion Ratio Lower Upper

82 100

128 37.6 29.0 43.4

54 45.4 41.4 62.0



#32

Benzoic acid

Concen: 4.785 ng

RT: 10.542 min Scan# 1192

Delta R.T. 0.047 min

Lab File: BG057583.D

Acq: 26 May 2023 13:17

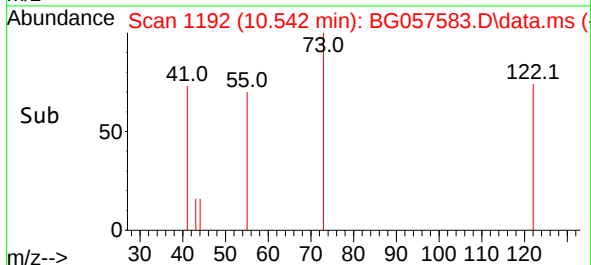
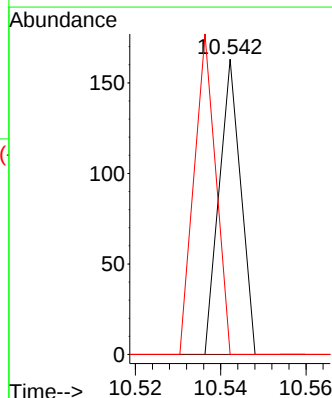
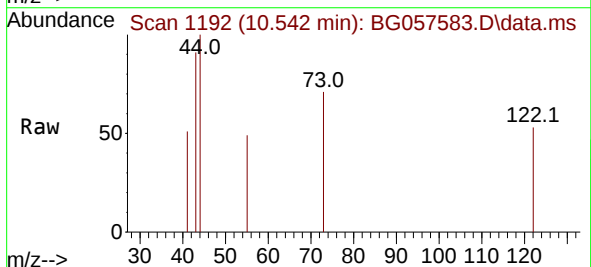
Tgt Ion:122 Resp: 57

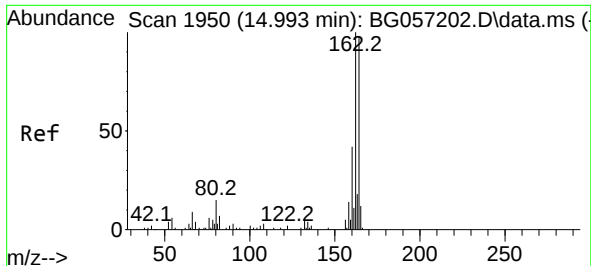
Ion Ratio Lower Upper

122 100

105 0.0 105.2 145.2#

77 0.0 83.1 123.1#

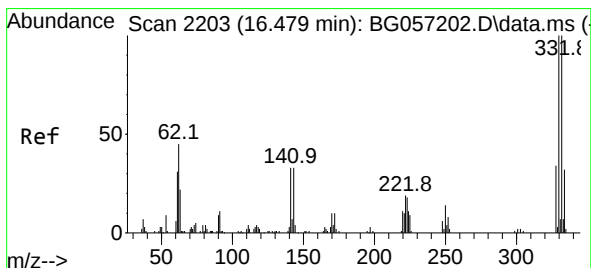
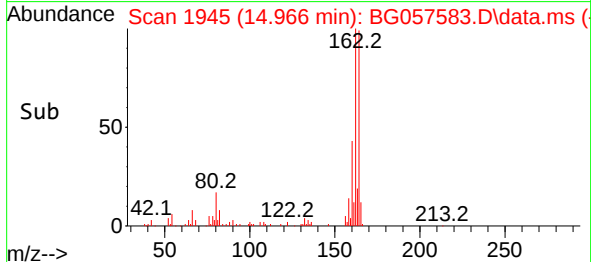
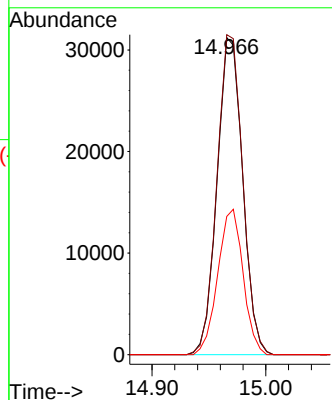
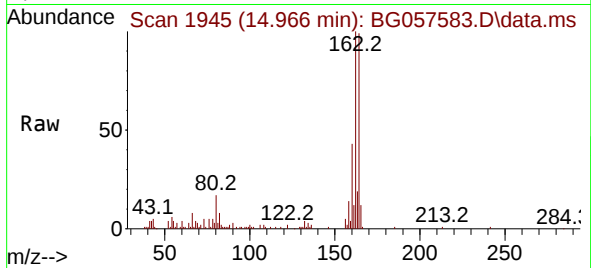




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

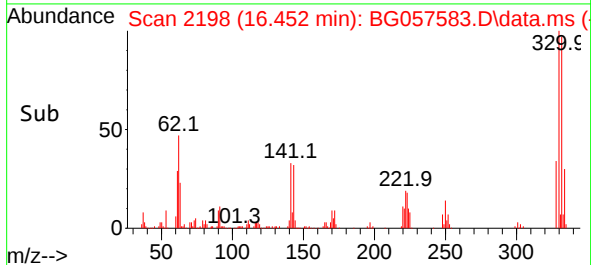
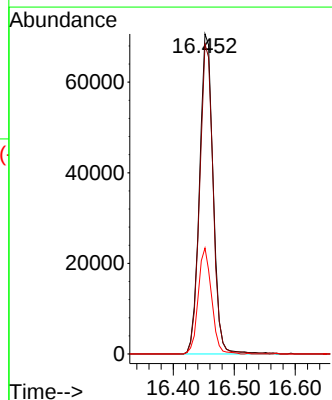
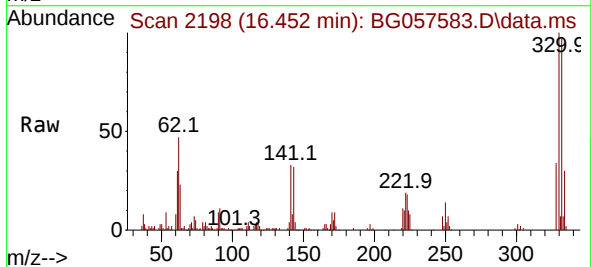
Instrument :
BNA_G
ClientSampleId :
TP-70A

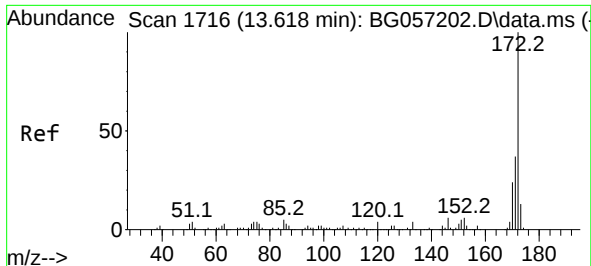
Tgt Ion:164 Resp: 48757
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 43.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 157.718 ng
RT: 16.452 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

Tgt Ion:330 Resp: 109111
Ion Ratio Lower Upper
330 100
332 95.7 78.2 117.2
141 32.5 27.8 41.8

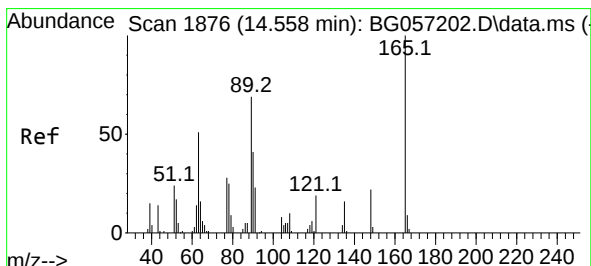
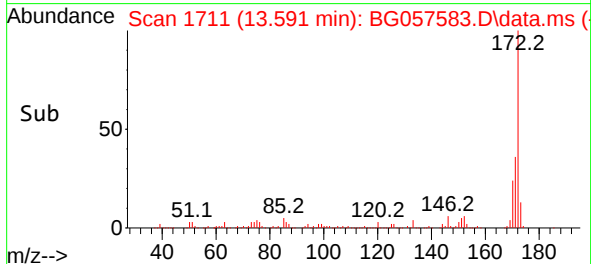
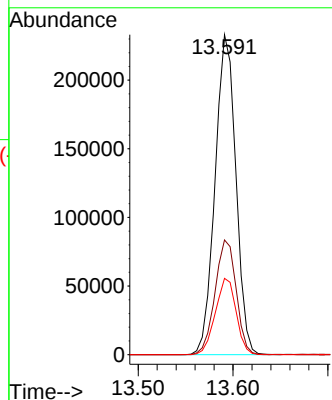
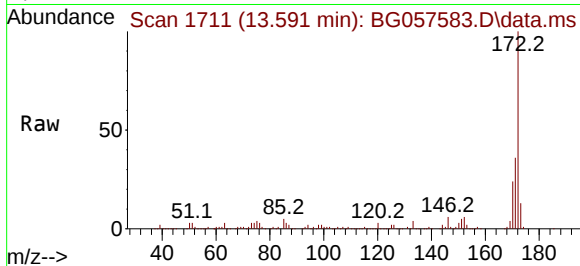




#45
2-Fluorobiphenyl
Concen: 98.231 ng
RT: 13.591 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

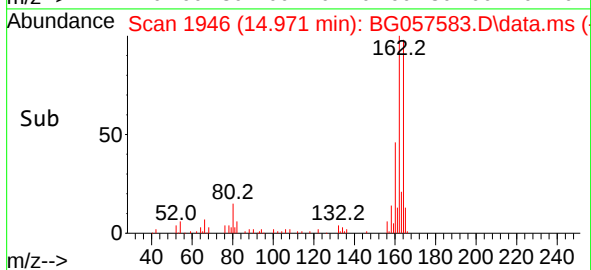
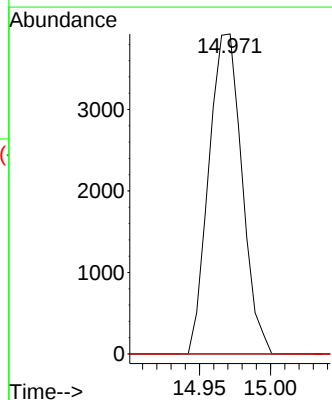
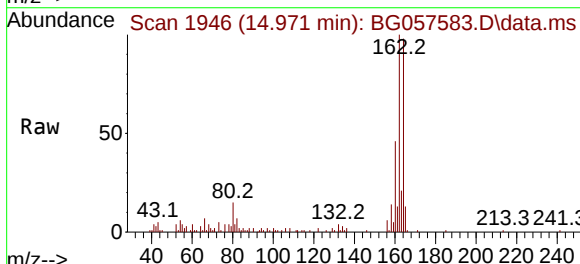
Instrument :
BNA_G
ClientSampleId :
TP-70A

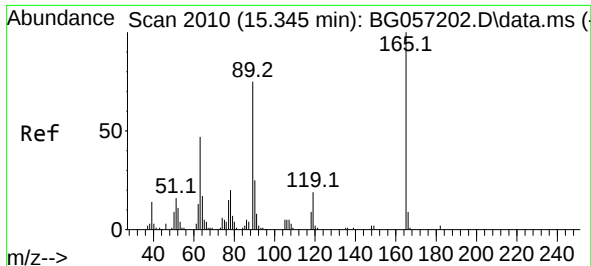
Tgt Ion:172 Resp: 355616
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.9 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 7.775 ng
RT: 14.971 min Scan# 1946
Delta R.T. 0.429 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

Tgt Ion:165 Resp: 6360
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#





#57

2,4-Dinitrotoluene

Concen: 5.440 ng

RT: 14.971 min Scan# 1946

Delta R.T. -0.359 min

Lab File: BG057583.D

Acq: 26 May 2023 13:17

Instrument :

BNA_G

ClientSampleId :

TP-70A

Tgt Ion:165 Resp: 6360

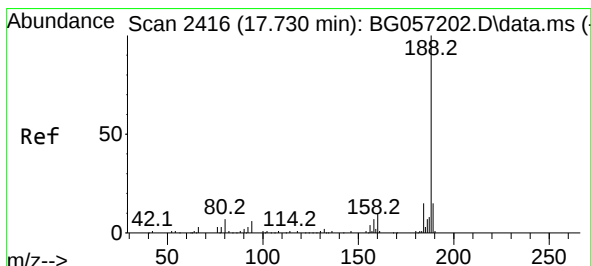
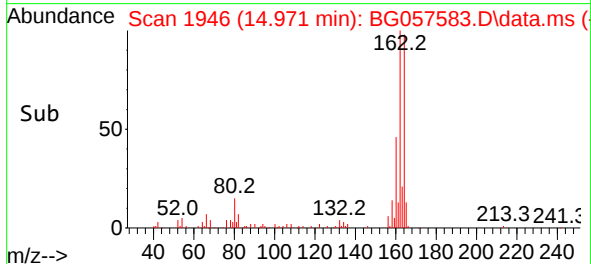
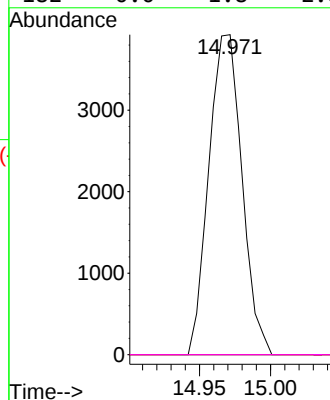
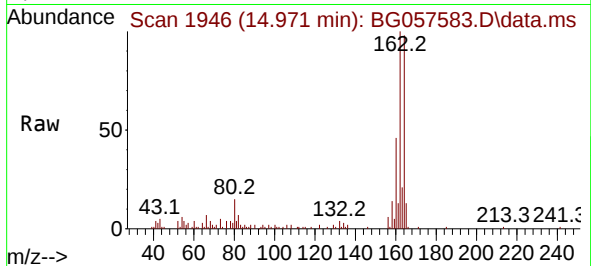
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.709 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BG057583.D

Acq: 26 May 2023 13:17

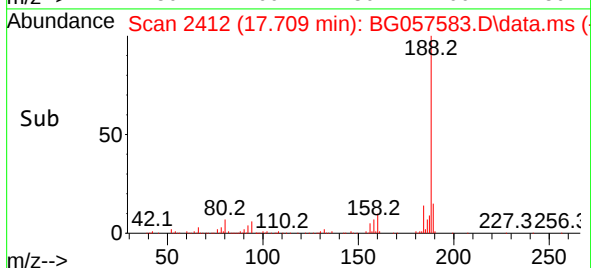
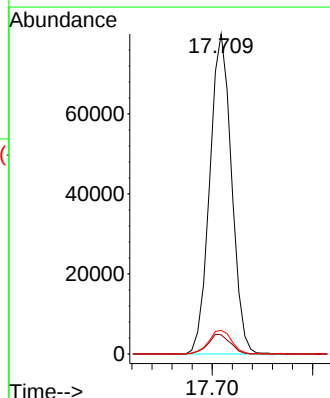
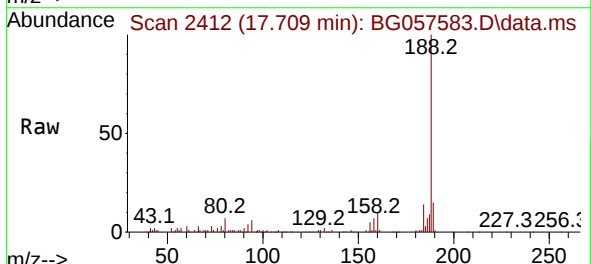
Tgt Ion:188 Resp: 120681

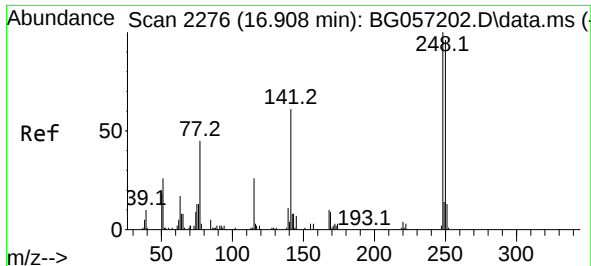
Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

80 7.4 5.7 8.5

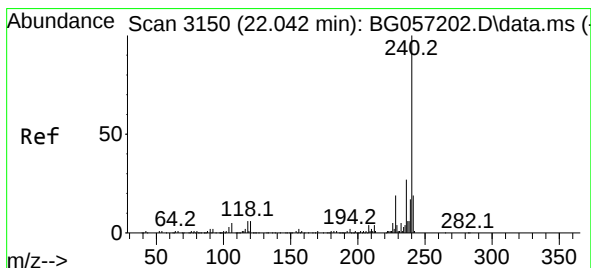
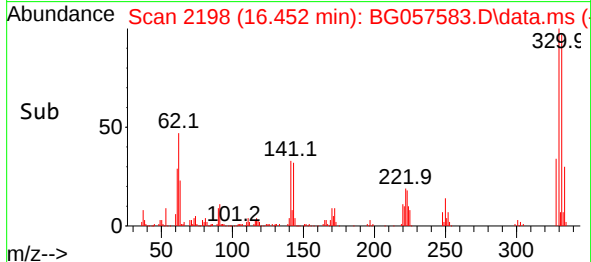
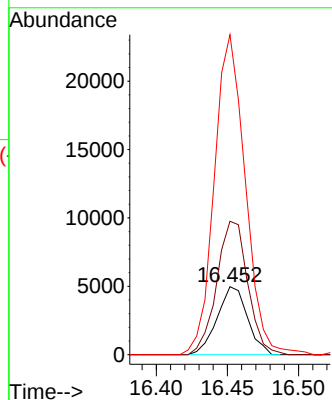
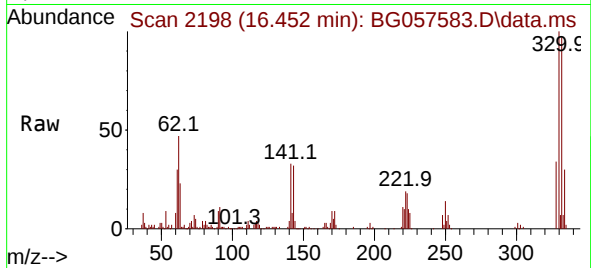




#67
4-Bromophenyl-phenylether
Concen: 5.011 ng
RT: 16.452 min Scan# 21198
Delta R.T. -0.435 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

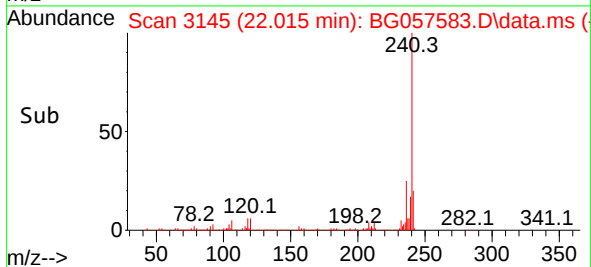
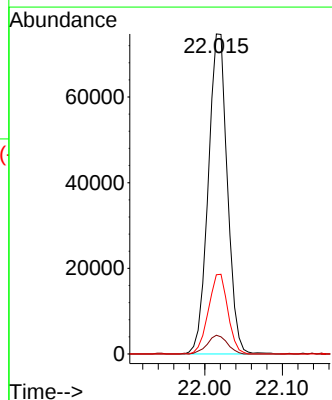
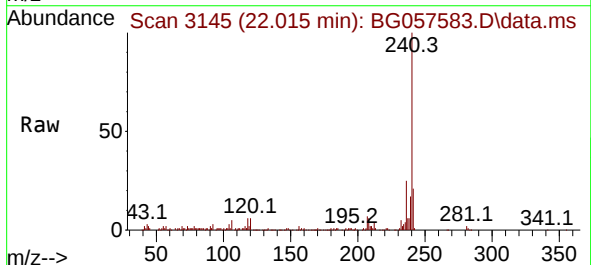
Instrument :
BNA_G
ClientSampleId :
TP-70A

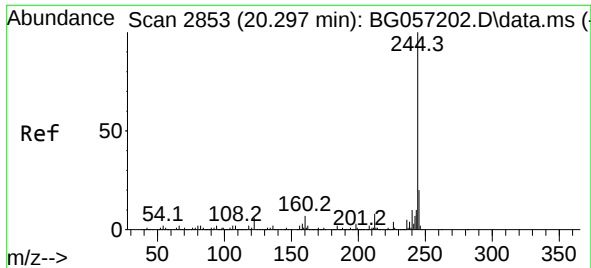
Tgt Ion:248 Resp: 7382
Ion Ratio Lower Upper
248 100
250 196.2 77.0 115.6#
141 470.6 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057583.D
Acq: 26 May 2023 13:17

Tgt Ion:240 Resp: 127929
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 24.8 21.4 32.2

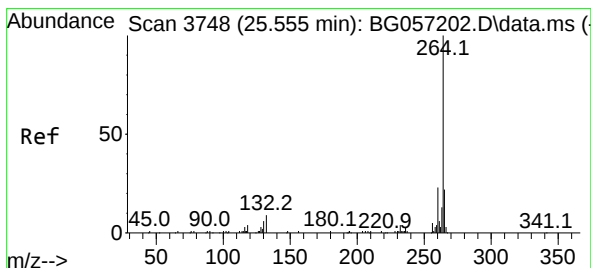
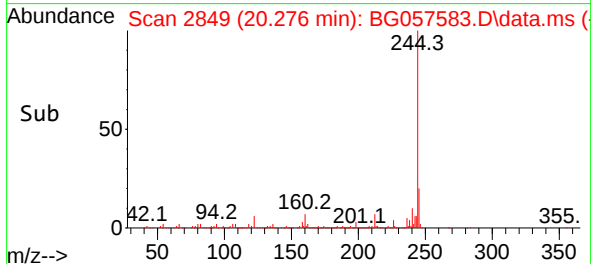
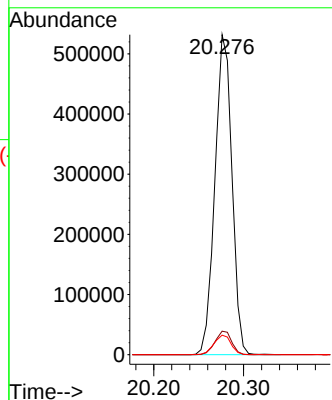
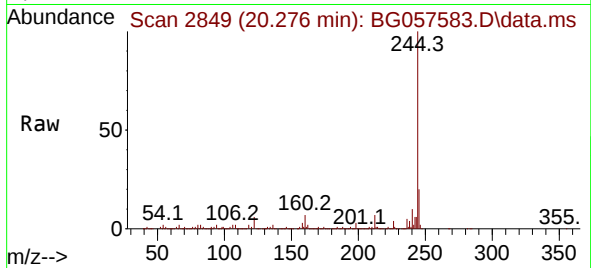




#79
 Terphenyl-d14
 Concen: 89.219 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057583.D
 Acq: 26 May 2023 13:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-70A

Tgt Ion:244 Resp: 699403
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.1 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.522 min Scan# 3742
 Delta R.T. -0.000 min
 Lab File: BG057583.D
 Acq: 26 May 2023 13:17

Tgt Ion:264 Resp: 142769
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.8 28.2
 265 21.7 17.9 26.9

