

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051143.D
 Acq On : 20 Nov 2021 4:50
 Operator : CG/JU
 Sample : M4758-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP11

Quant Time: Nov 20 05:26:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

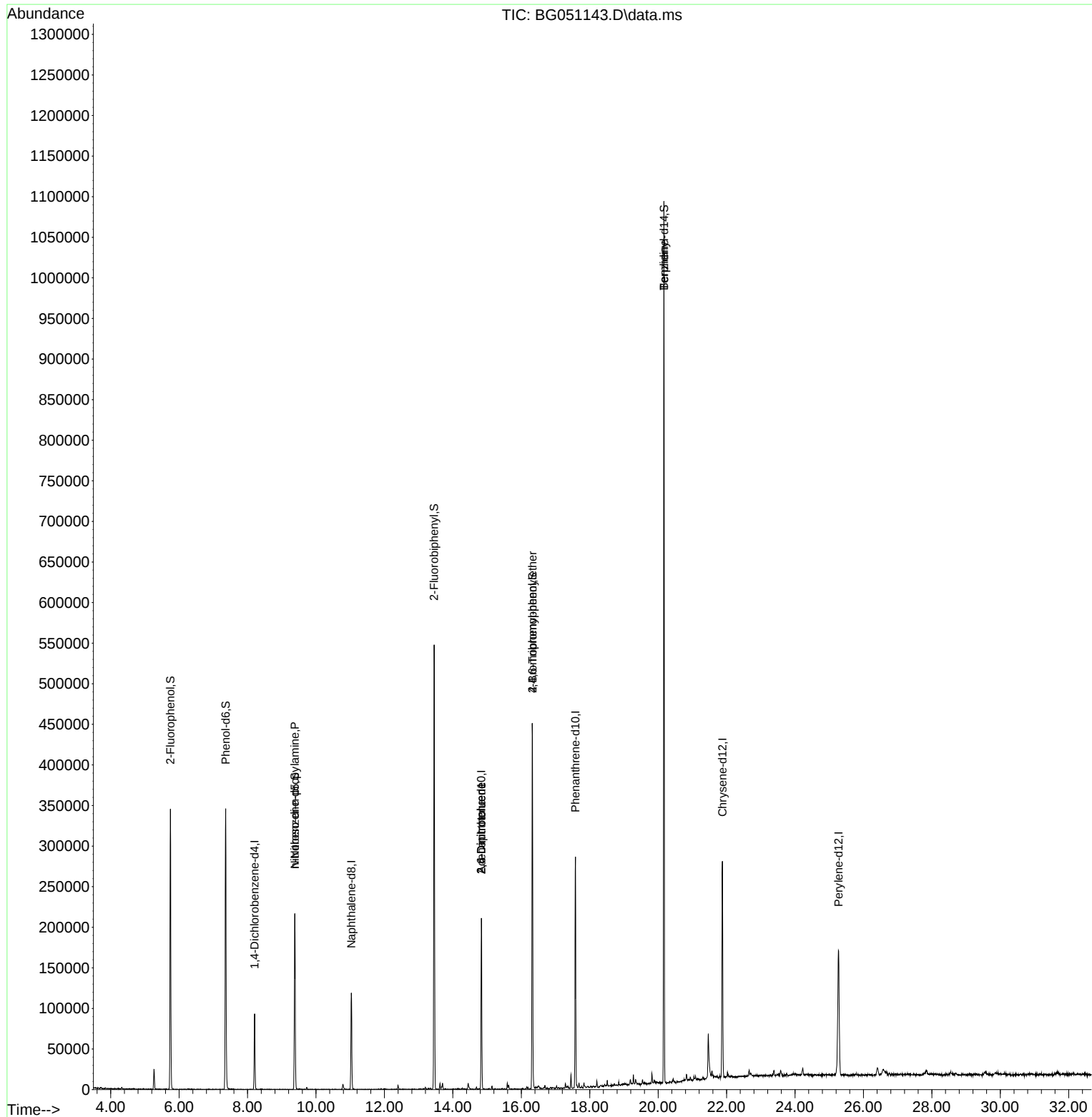
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	25137	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	107565	20.000	ng	# 0.00
39) Acenaphthene-d10	14.833	164	75273	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	177673	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	171051	20.000	ng	# 0.00
86) Perylene-d12	25.274	264	167870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	154082	94.756	ng	0.00
7) Phenol-d6	7.359	99	205258	89.621	ng	0.00
23) Nitrobenzene-d5	9.381	82	143406	60.859	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	77733	97.160	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	287780	57.690	ng	0.00
79) Terphenyl-d14	20.168	244	492794	52.667	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	20064	11.868	ng	# 66
51) 2,6-Dinitrotoluene	14.833	165	9967	8.229	ng	# 12
57) 2,4-Dinitrotoluene	14.833	165	9967	5.745	ng	# 17
67) 4-Bromophenyl-phenylether	16.325	248	5850	3.044	ng	# 1
77) Benzidine	20.168	184	8390	2.987	ng	# 90

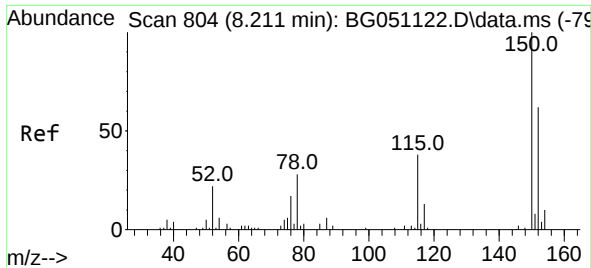
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

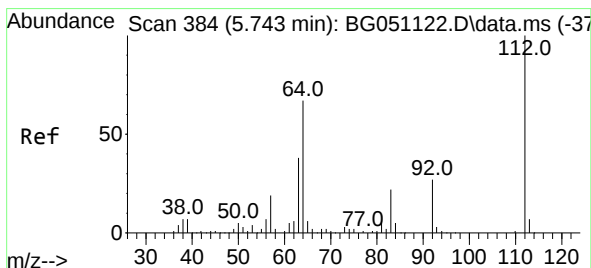
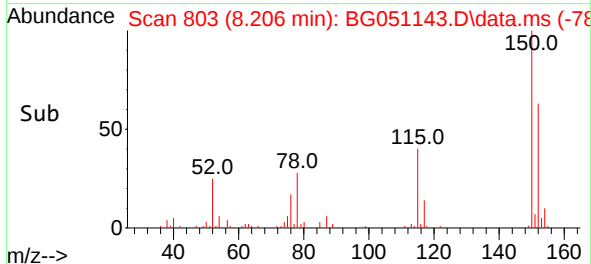
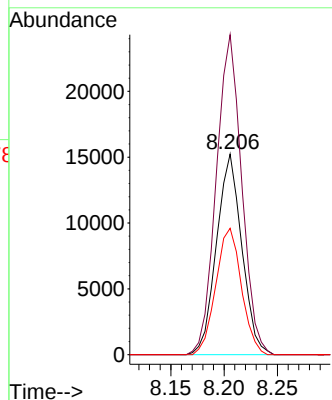
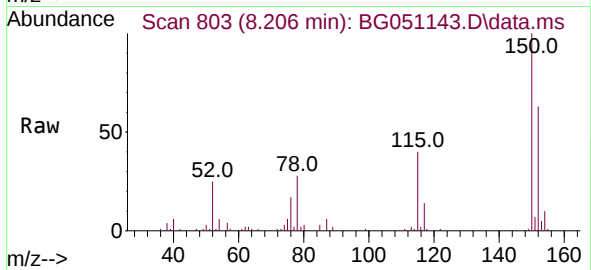




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

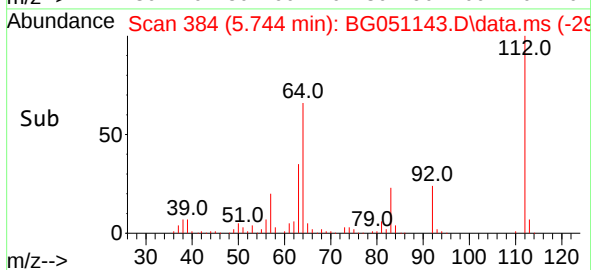
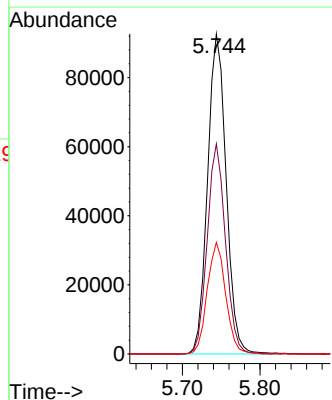
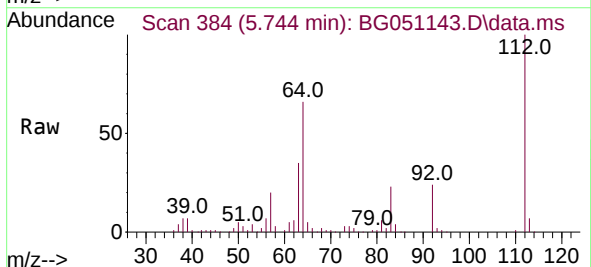
Instrument :
BNA_G
ClientSampleId :
TP11

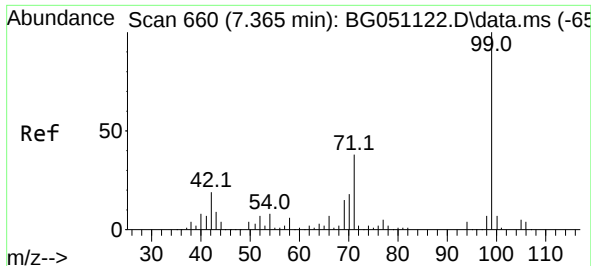
Tgt Ion:152 Resp: 25137
Ion Ratio Lower Upper
152 100
150 159.5 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 94.756 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

Tgt Ion:112 Resp: 154082
Ion Ratio Lower Upper
112 100
64 65.7 46.7 70.1
63 34.8 35.3 52.9

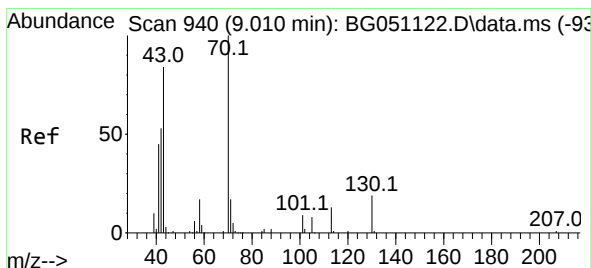
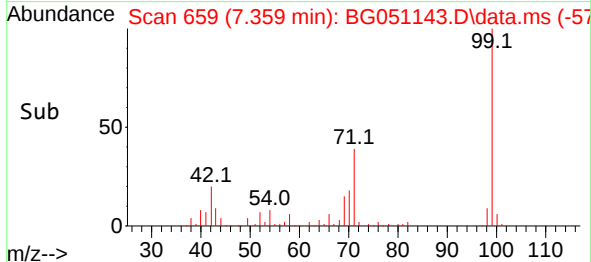
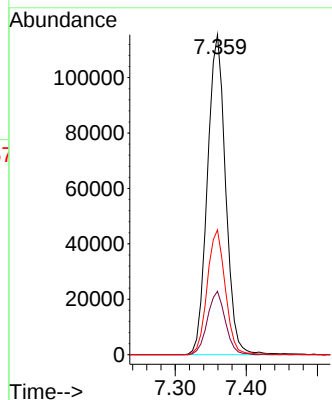
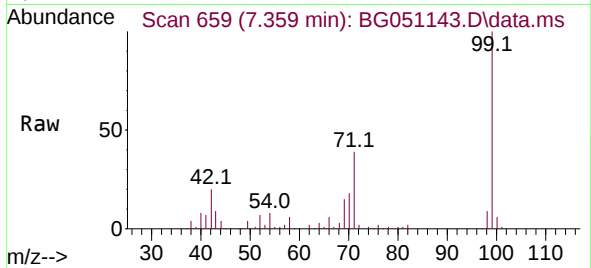




#7
Phenol-d6
Concen: 89.621 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

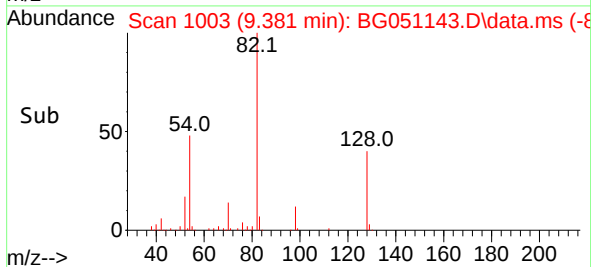
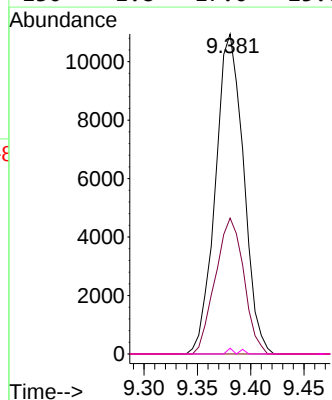
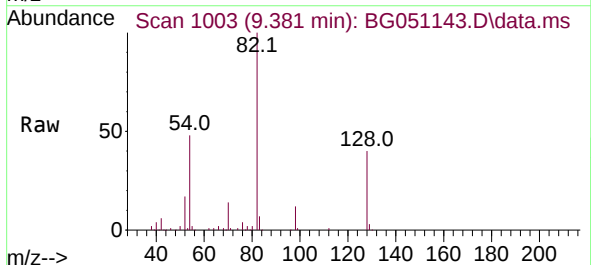
Instrument :
BNA_G
ClientSampleId :
TP11

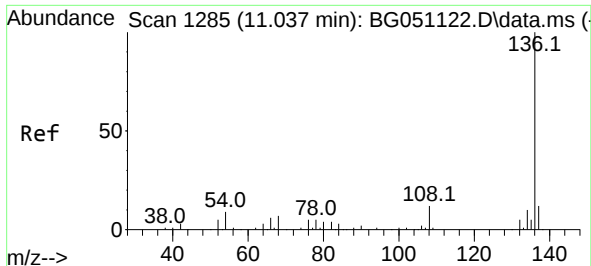
Tgt Ion: 99 Resp: 205258
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 39.0 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.868 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

Tgt Ion: 70 Resp: 20064
Ion Ratio Lower Upper
70 100
42 42.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

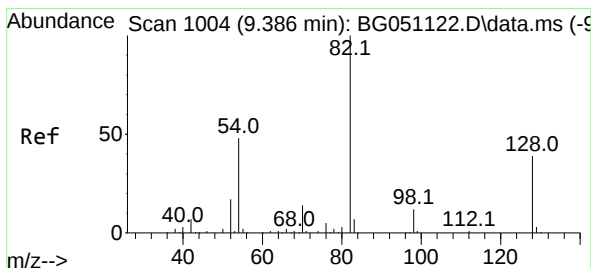
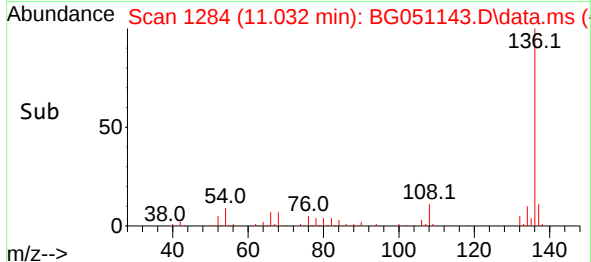
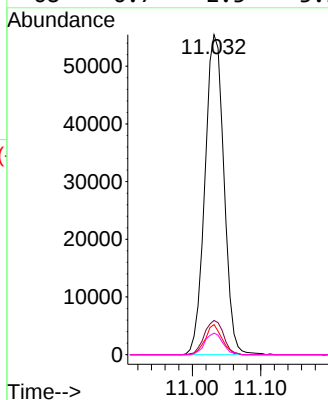
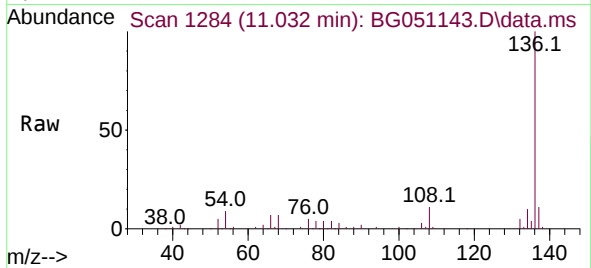




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

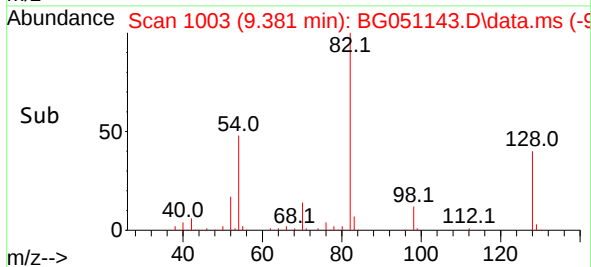
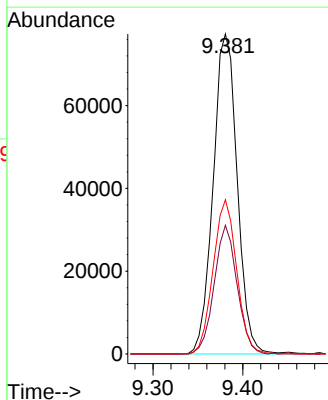
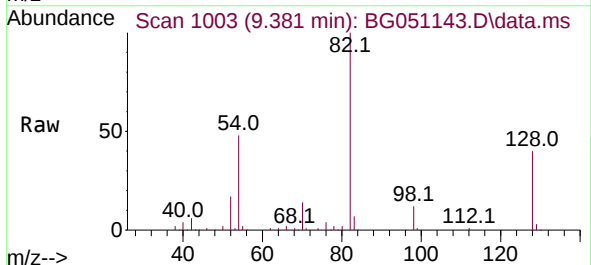
Instrument :
BNA_G
ClientSampleId :
TP11

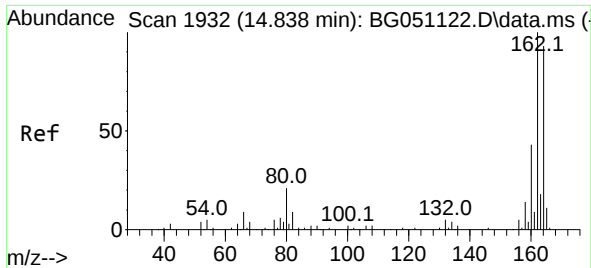
Tgt Ion:	136	Resp:	107565
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	9.4	5.5	8.3#
68	6.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 60.859 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

Tgt Ion:	82	Resp:	143406
Ion Ratio	Lower	Upper	
82	100		
128	40.2	29.8	44.6
54	48.2	45.8	68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.833 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BG051143.D

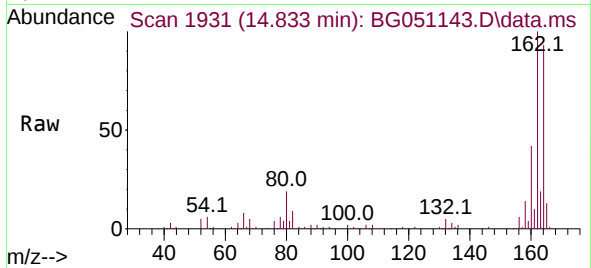
Acq: 20 Nov 2021 4:50

Instrument :

BNA_G

ClientSampleId :

TP11



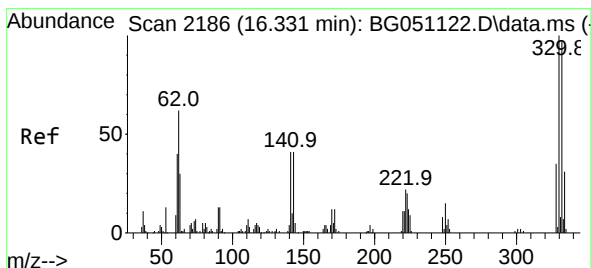
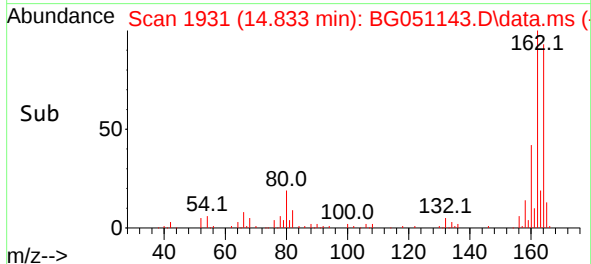
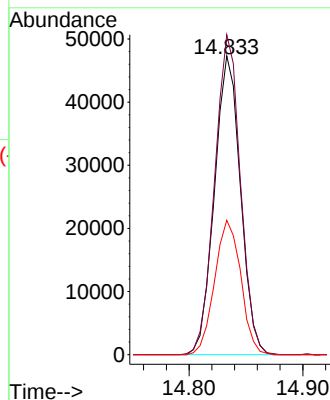
Tgt Ion:164 Resp: 75273

Ion Ratio Lower Upper

164 100

162 107.1 81.4 122.0

160 45.0 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 97.160 ng

RT: 16.325 min Scan# 2185

Delta R.T. -0.005 min

Lab File: BG051143.D

Acq: 20 Nov 2021 4:50

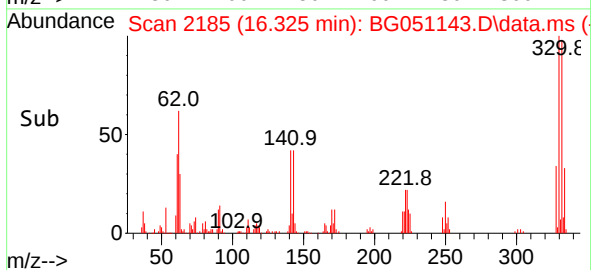
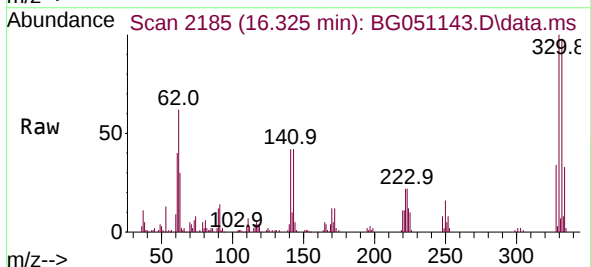
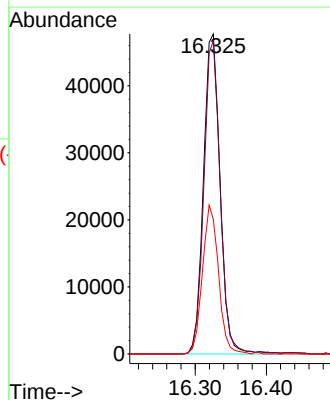
Tgt Ion:330 Resp: 77733

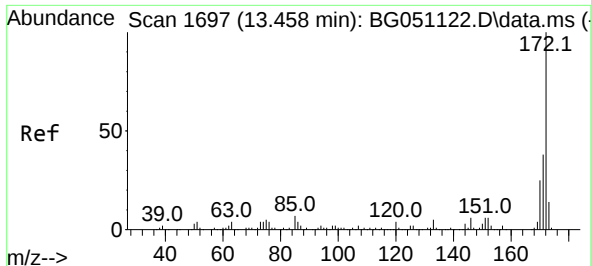
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 44.9 35.6 53.4

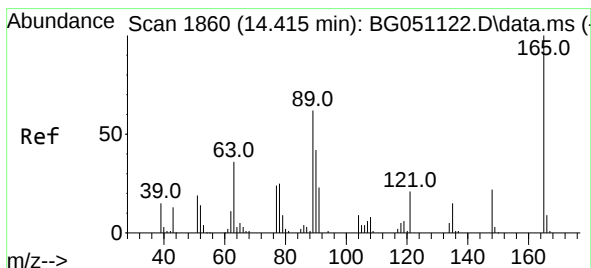
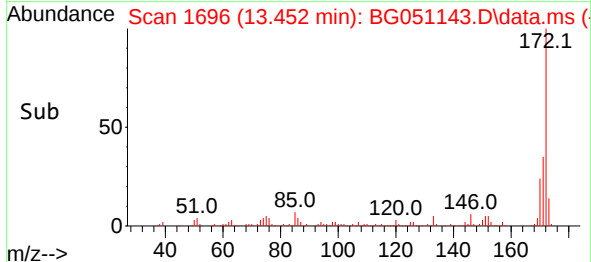
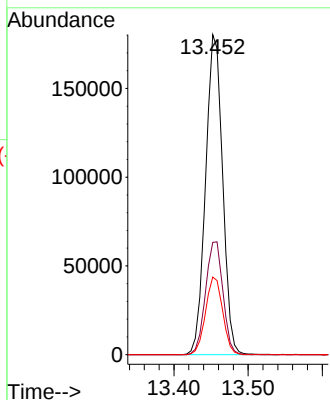
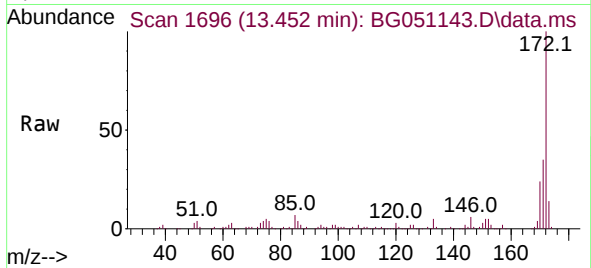




#45
2-Fluorobiphenyl
Concen: 57.690 ng
RT: 13.452 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

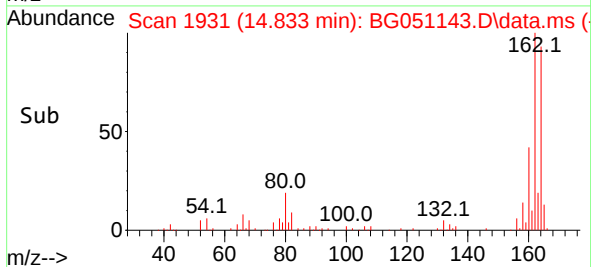
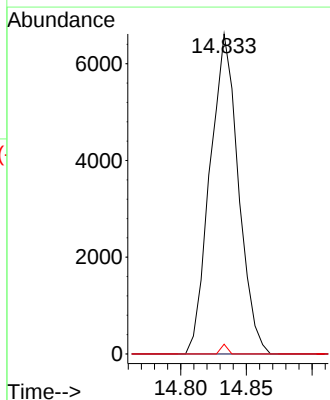
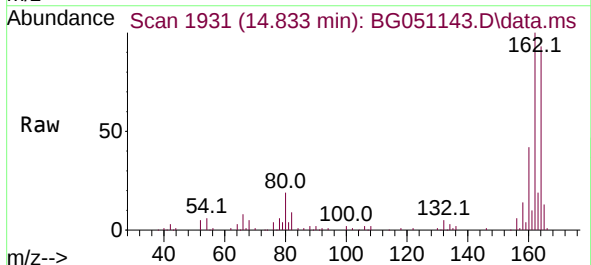
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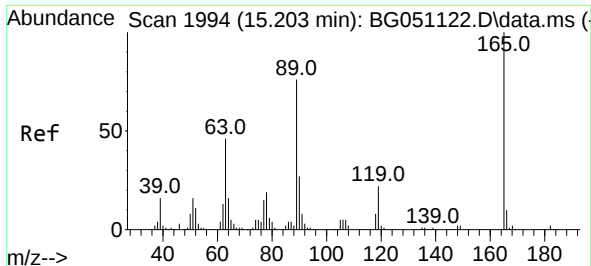
Tgt Ion:172 Resp: 287780
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

Tgt Ion:165 Resp: 9967
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.0 63.4 95.0#

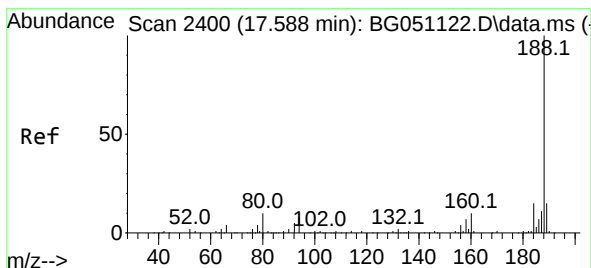
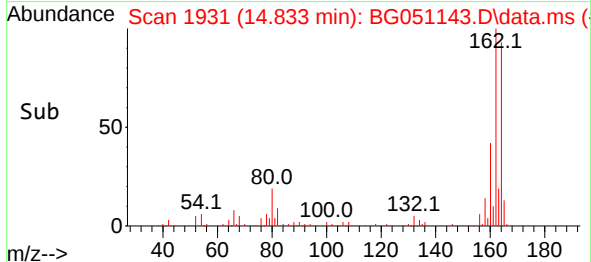
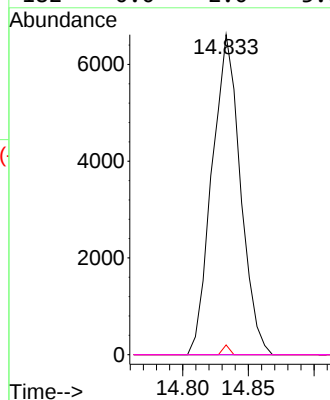
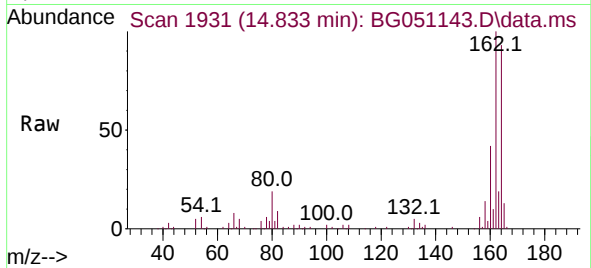




#57
2,4-Dinitrotoluene
Concen: 5.745 ng
RT: 14.833 min Scan# 1994
Delta R.T. -0.370 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

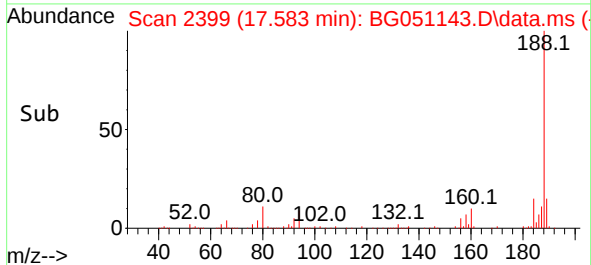
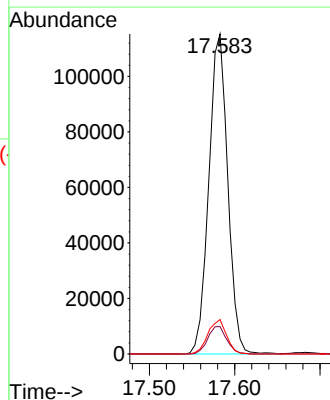
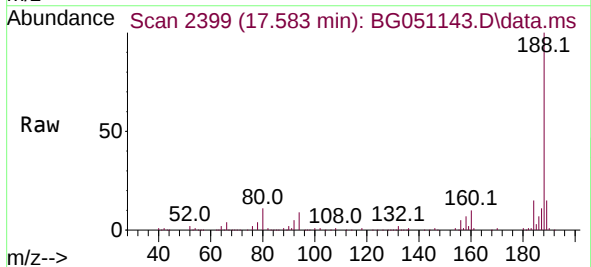
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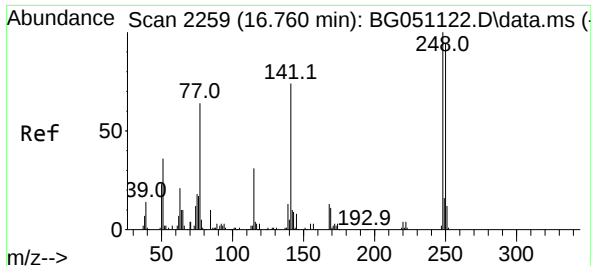
Tgt Ion:165	Resp:	9967
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	3.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2399
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

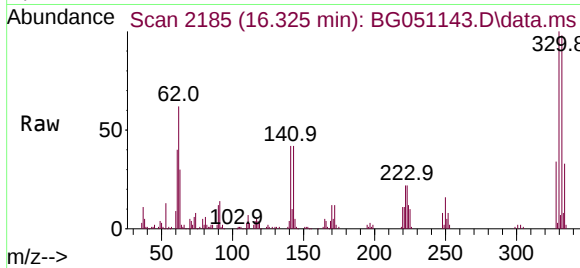
Tgt Ion:188	Resp:	177673
Ion Ratio	Lower	Upper
188	100	
94	8.5	5.4 8.0#
80	10.7	3.7 5.5#



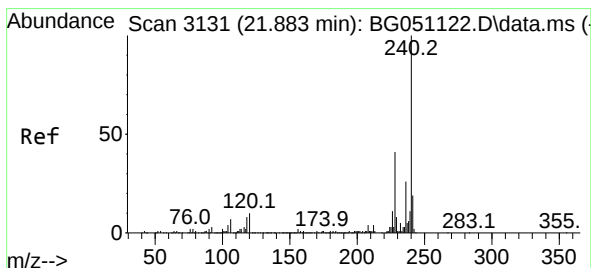
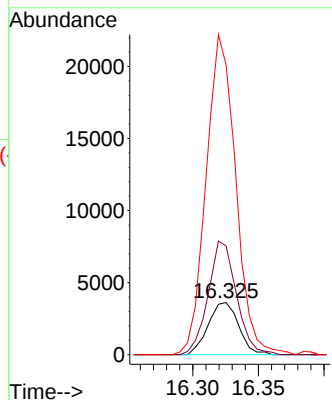
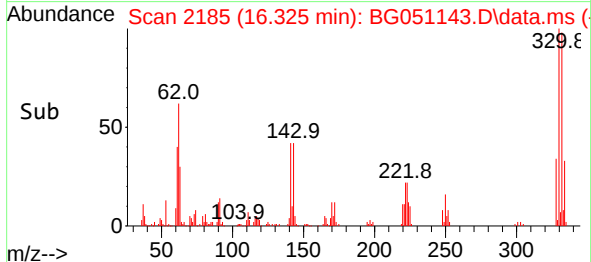


#67
4-Bromophenyl-phenylether
Concen: 3.044 ng
RT: 16.325 min Scan# 2185
Delta R.T. -0.434 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

Instrument :
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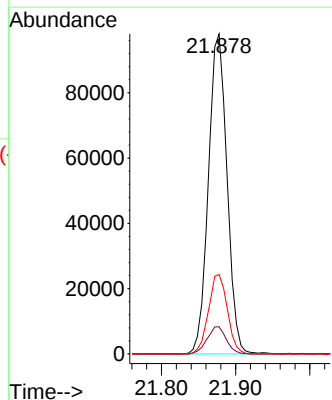
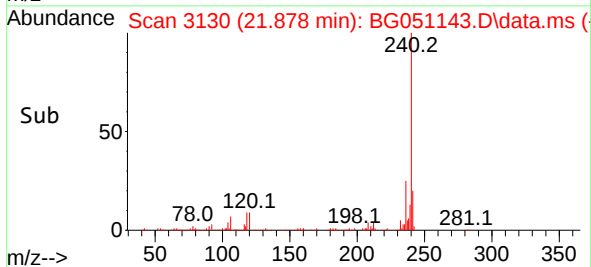
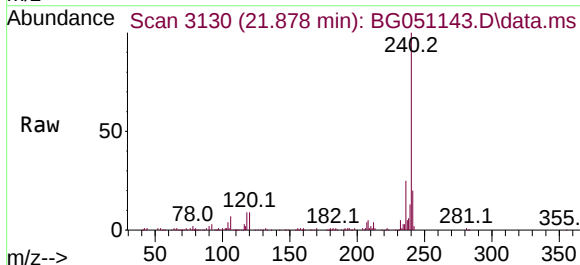


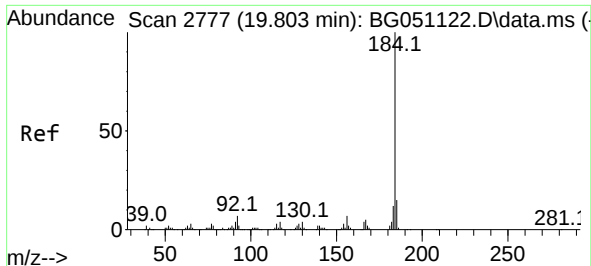
Tgt Ion:248 Resp: 5850
Ion Ratio Lower Upper
248 100
250 208.2 76.1 114.1#
141 555.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

Tgt Ion:240 Resp: 171051
Ion Ratio Lower Upper
240 100
120 8.5 4.2 6.2#
236 24.8 21.8 32.6

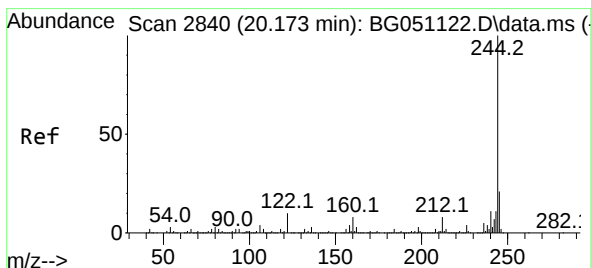
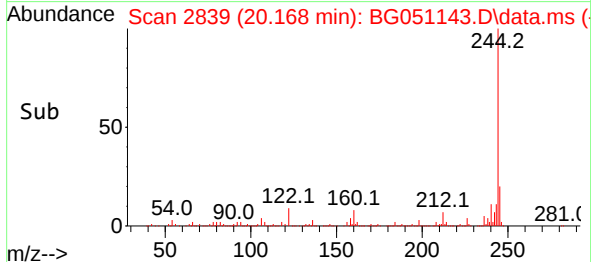
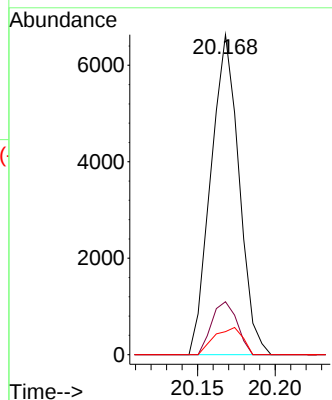
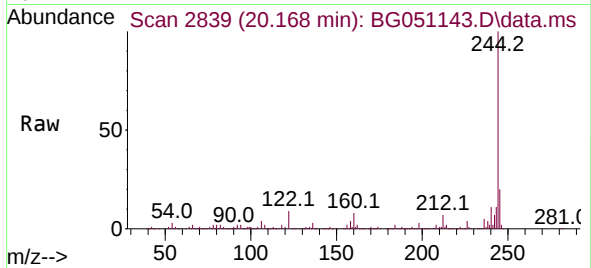




#77
Benzidine
Concen: 2.987 ng
RT: 20.168 min Scan# 2839
Delta R.T. 0.365 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

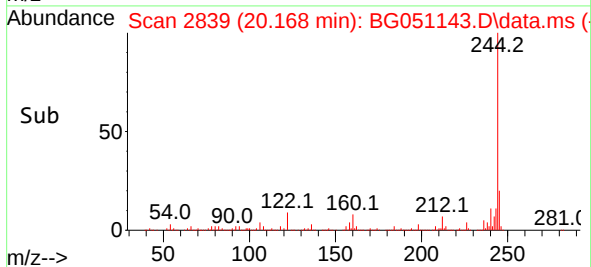
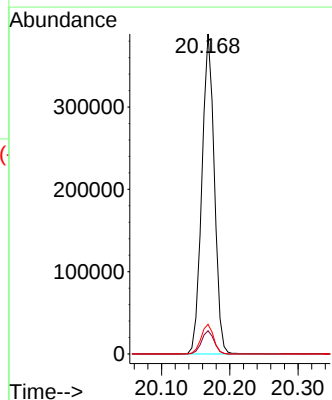
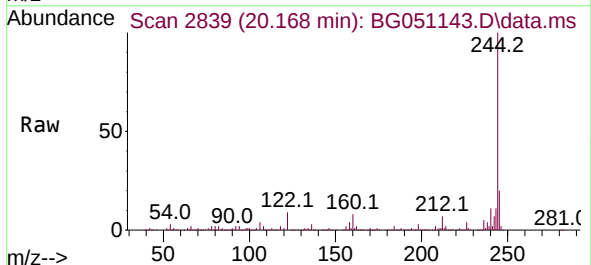
Instrument :
BNA_G
ClientSampleId :
TP11

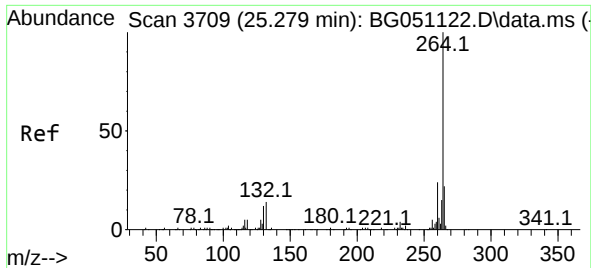
Tgt Ion:184 Resp: 8390
Ion Ratio Lower Upper
184 100
185 16.5 10.7 16.1#
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 52.667 ng
RT: 20.168 min Scan# 2839
Delta R.T. -0.005 min
Lab File: BG051143.D
Acq: 20 Nov 2021 4:50

Tgt Ion:244 Resp: 492794
Ion Ratio Lower Upper
244 100
212 7.3 6.9 10.3
122 9.2 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG051143.D
 Acq: 20 Nov 2021 4:50

Instrument :
 BNA_G
 ClientSampleId :
 TP11

Tgt Ion:264 Resp: 167870
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.8 16.9 25.3

