

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039263.D
 Acq On : 31 Mar 2023 21:13
 Operator : CG/JU
 Sample : 02109-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-30-GW01

Quant Time: Apr 01 05:22:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

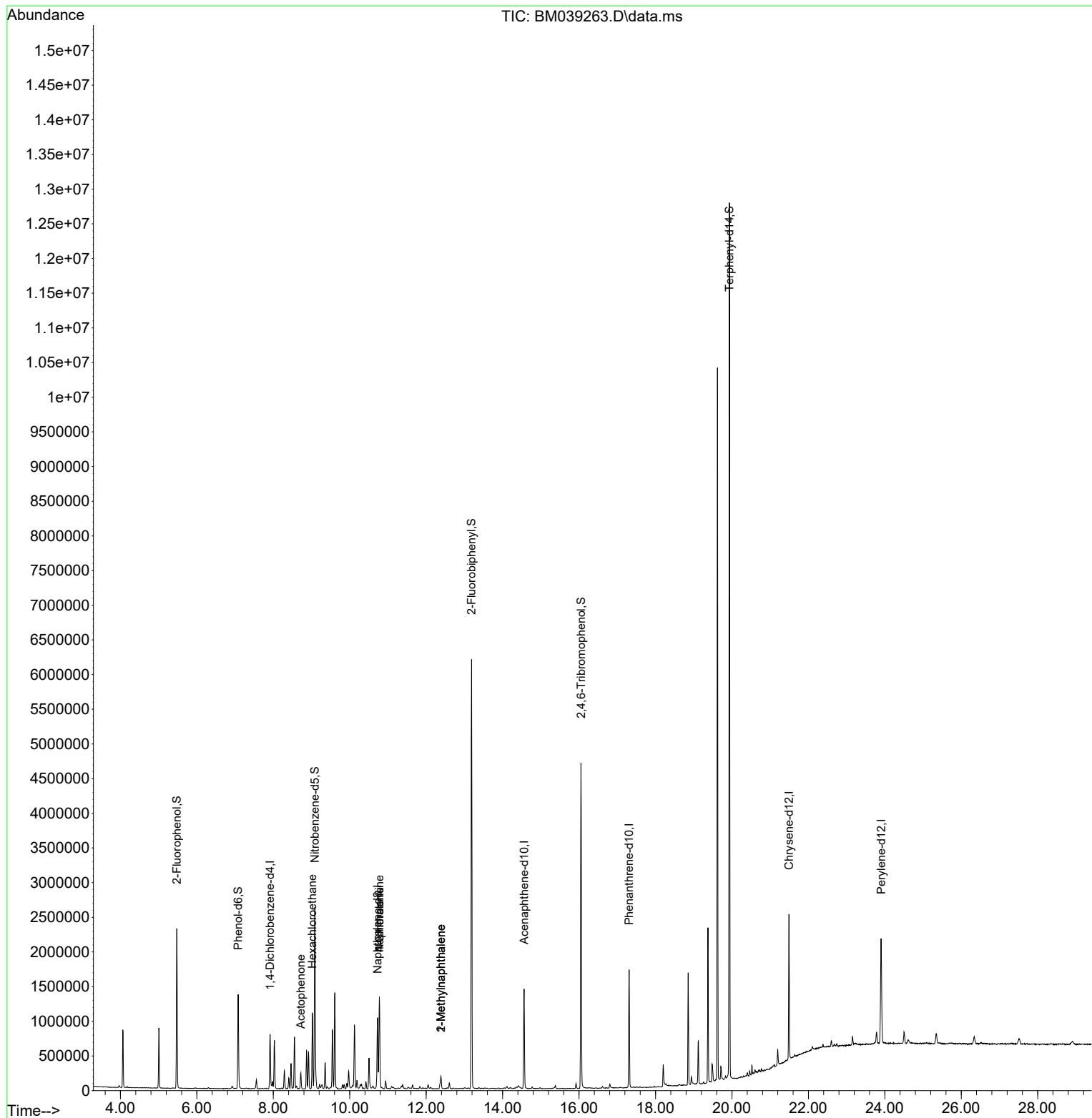
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	201621	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	812159	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	471062	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	965338	20.000	ng	0.00
76) Chrysene-d12	21.492	240	906663	20.000	ng	0.00
86) Perylene-d12	23.903	264	1091434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	943566	70.508	ng	0.00
7) Phenol-d6	7.081	99	762029	44.024	ng	0.00
23) Nitrobenzene-d5	9.086	82	1463292	87.568	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	809307	135.343	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	3067839	88.240	ng	0.00
79) Terphenyl-d14	19.933	244	4411741	89.900	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.022	117	63103	11.107	ng	# 1
22) Acetophenone	8.722	105	154731	7.126	ng	# 58
31) Naphthalene	10.775	128	890357	20.345	ng	# 99
33) 4-Chloroaniline	10.775	127	115857	6.043	ng	# 47
37) 2-Methylnaphthalene	12.386	142	76409	2.508	ng	# 99
38) 1-Methylnaphthalene	12.386	142	76409	2.679	ng	# 94

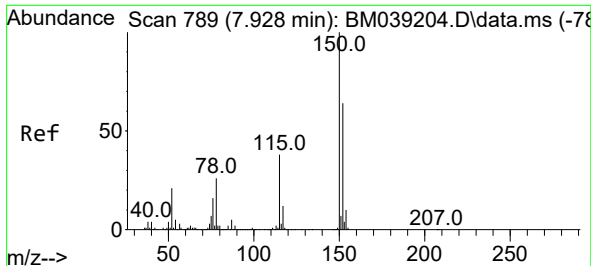
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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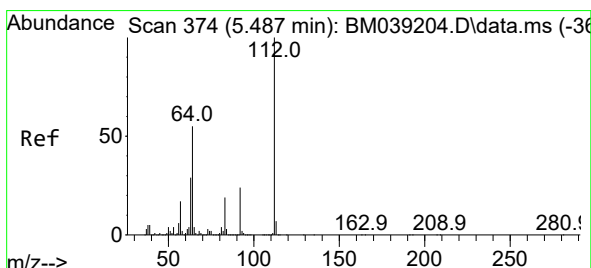
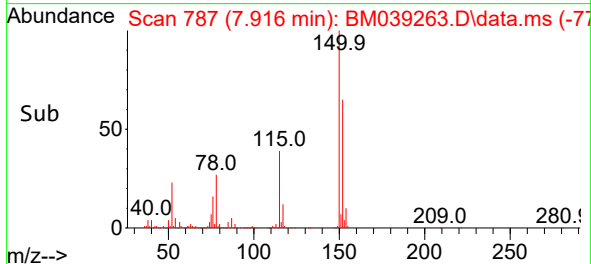
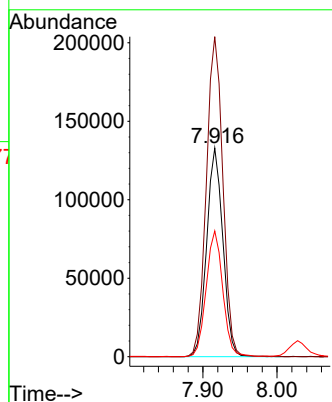
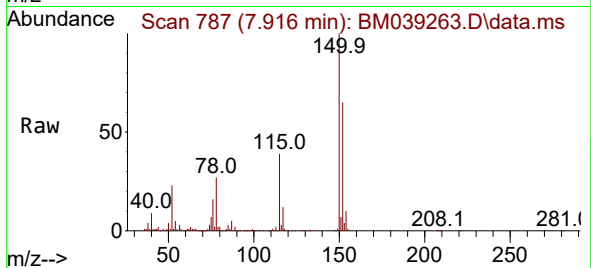




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

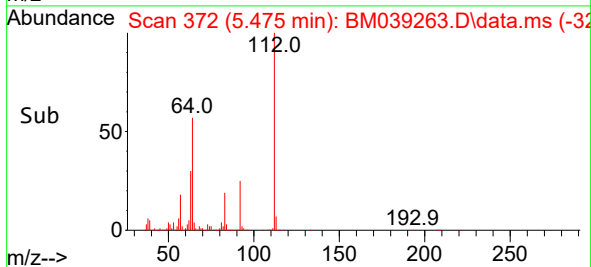
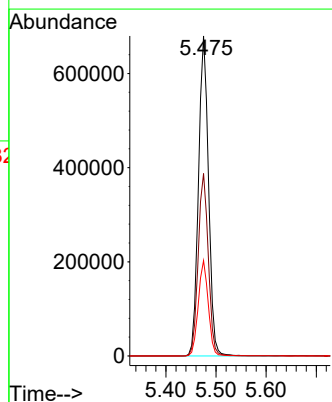
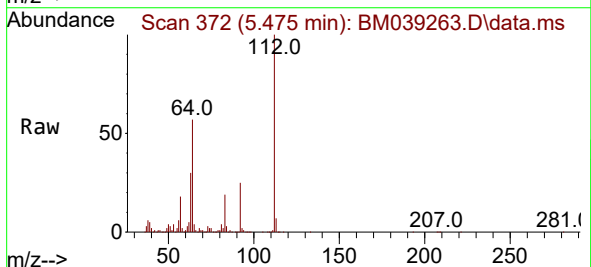
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

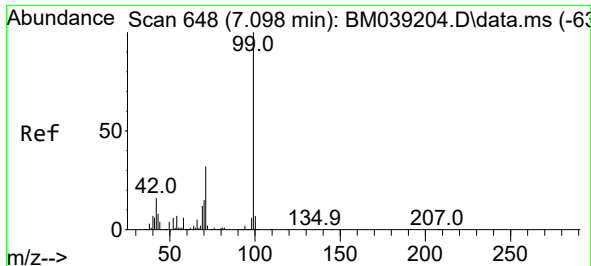
Tgt Ion:152 Resp: 201621
Ion Ratio Lower Upper
152 100
150 153.4 125.5 188.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 70.508 ng
RT: 5.475 min Scan# 372
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion:112 Resp: 943566
Ion Ratio Lower Upper
112 100
64 57.0 44.3 66.5
63 29.8 23.0 34.6

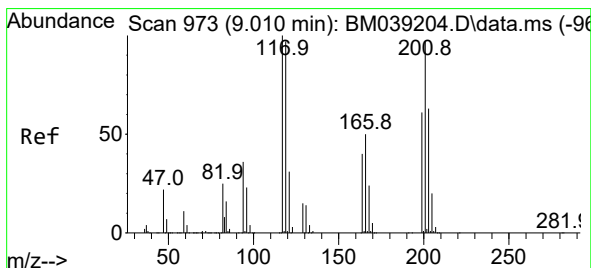
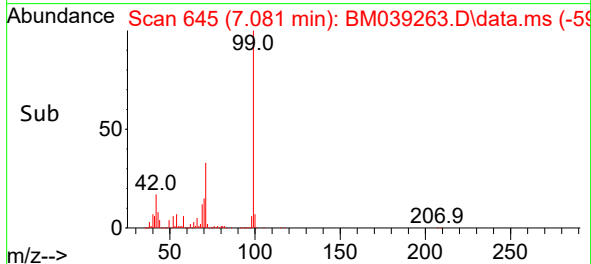
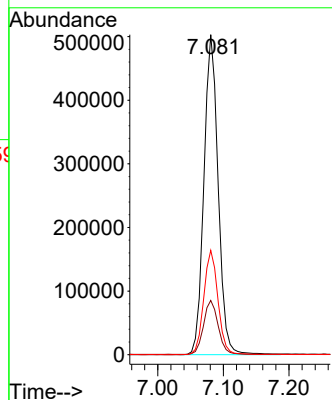
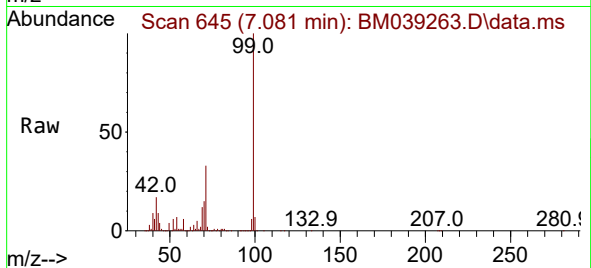




#7
Phenol-d6
Concen: 44.024 ng
RT: 7.081 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

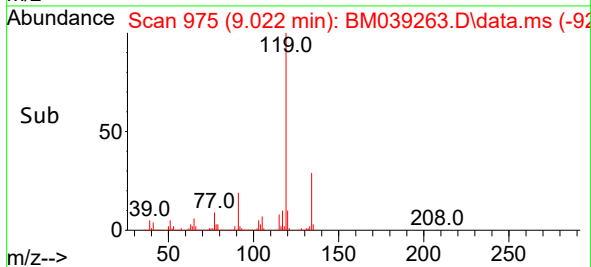
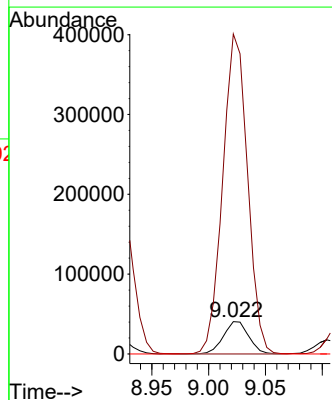
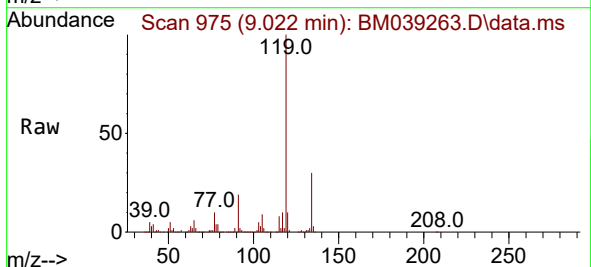
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

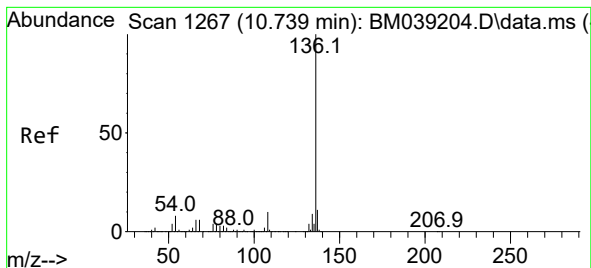
Tgt Ion: 99 Resp: 762029
Ion Ratio Lower Upper
99 100
42 16.9 13.0 19.6
71 32.6 25.5 38.3



#18
Hexachloroethane
Concen: 11.107 ng
RT: 9.022 min Scan# 975
Delta R.T. 0.023 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion: 117 Resp: 63103
Ion Ratio Lower Upper
117 100
119 992.1 77.8 116.8#
201 0.0 77.3 115.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.728 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Instrument :

BNA_M

ClientSampleId :

B-30-GW01

Tgt Ion:136 Resp: 812159

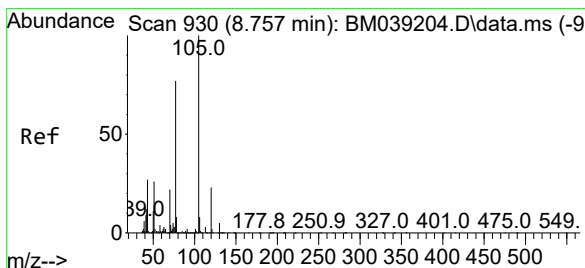
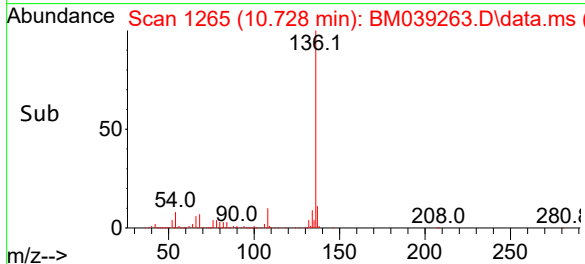
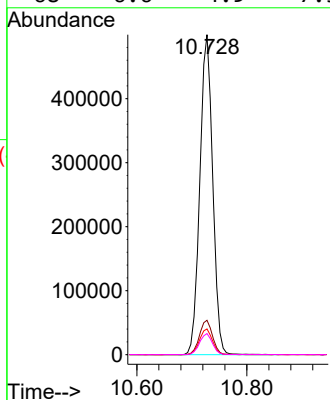
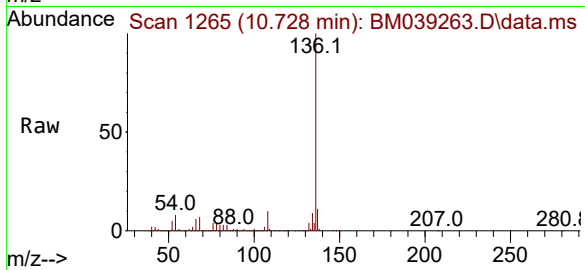
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.1 6.2 9.4

68 6.6 4.9 7.3



#22

Acetophenone

Concen: 7.126 ng

RT: 8.722 min Scan# 924

Delta R.T. -0.024 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Tgt Ion:105 Resp: 154731

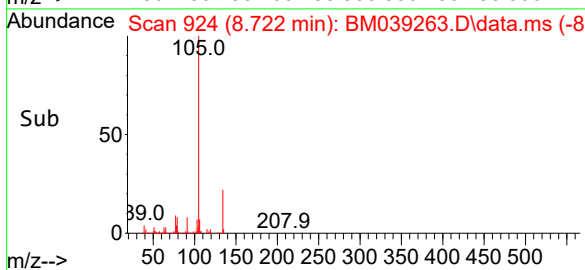
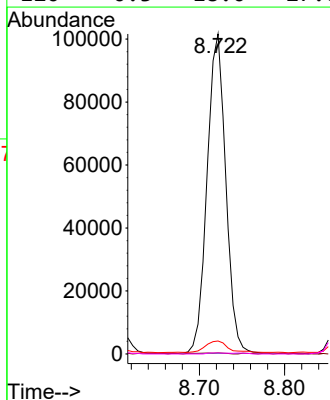
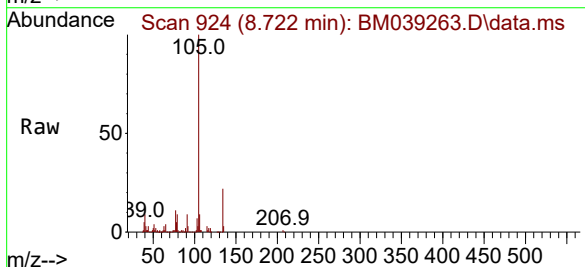
Ion Ratio Lower Upper

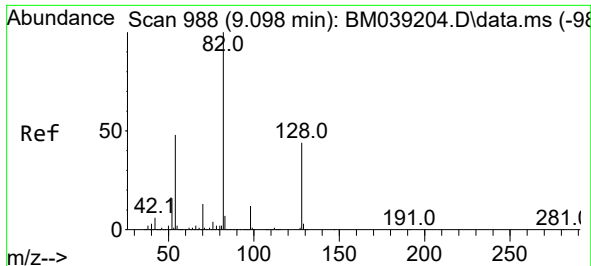
105 100

71 0.3 2.8 4.2#

51 4.0 20.6 31.0#

120 0.3 18.0 27.0#





#23

Nitrobenzene-d5

Concen: 87.568 ng

RT: 9.086 min Scan# 90

Delta R.T. -0.000 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Instrument :

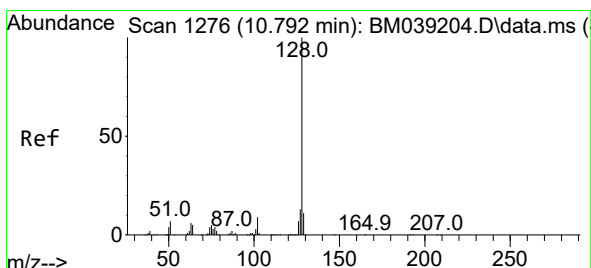
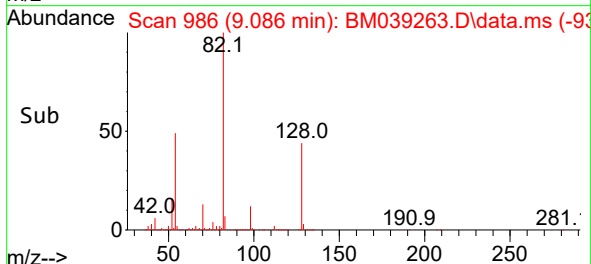
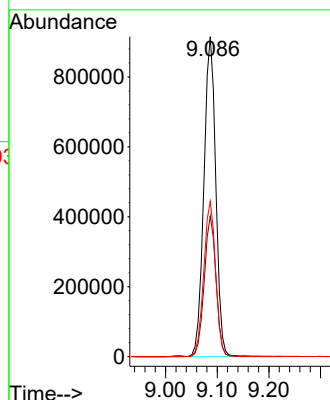
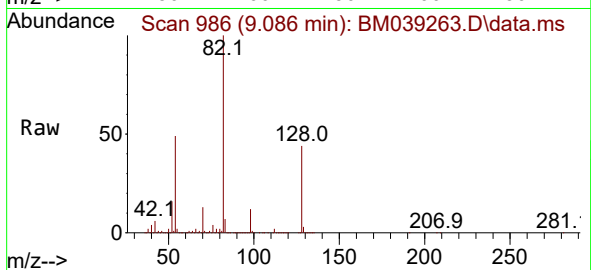
BNA_M

ClientSampleId :

B-30-GW01

Tgt Ion: 82 Resp: 1463292

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.1	52.7
54	48.6	38.5	57.7



#31

Naphthalene

Concen: 20.345 ng

RT: 10.775 min Scan# 1273

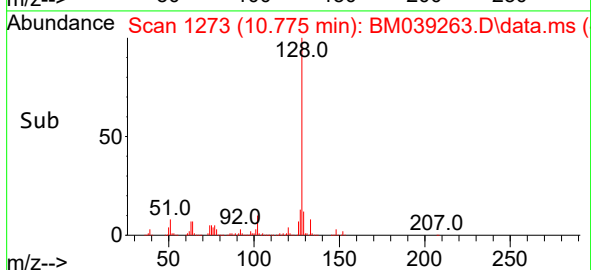
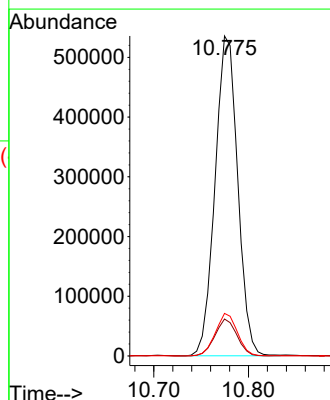
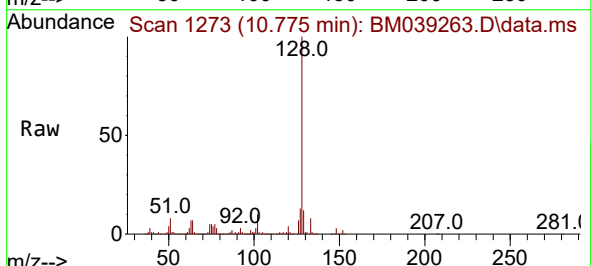
Delta R.T. -0.006 min

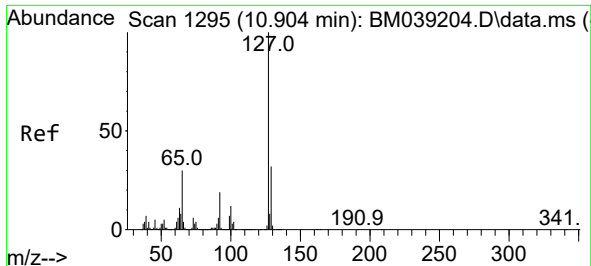
Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Tgt Ion: 128 Resp: 890357

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.3	10.3	15.5

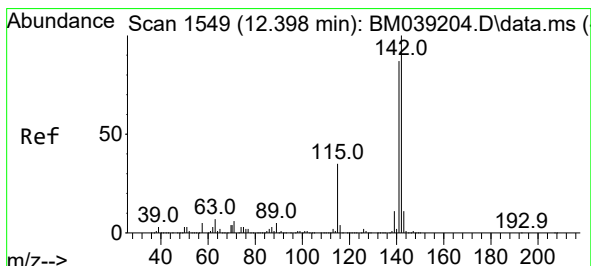
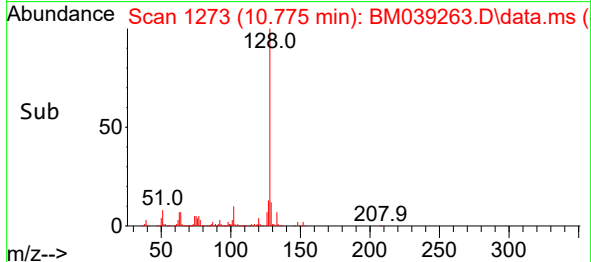
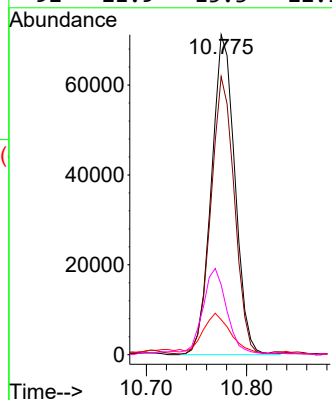
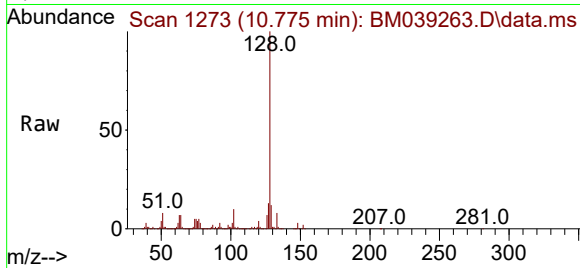




#33
4-Chloroaniline
Concen: 6.043 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.118 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

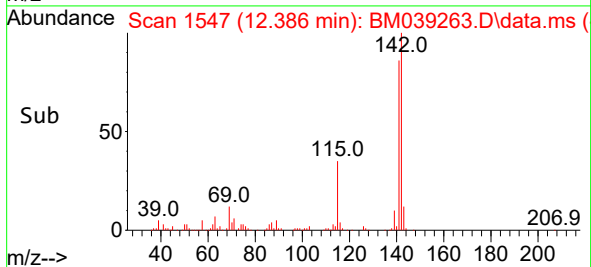
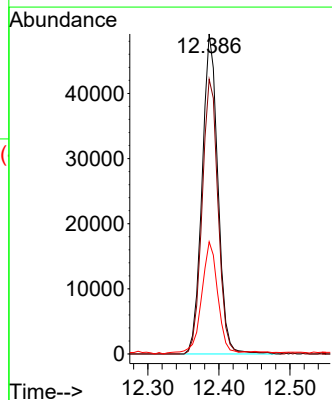
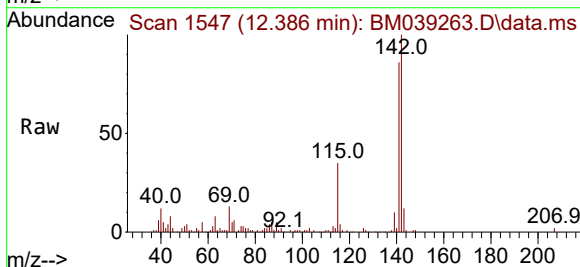
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

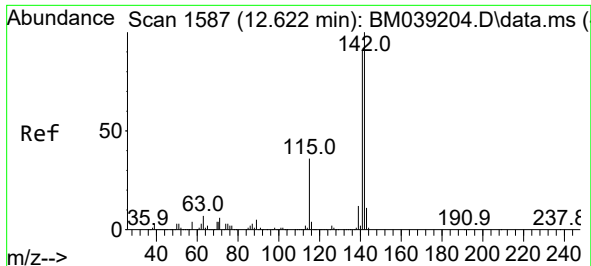
Tgt Ion:127 Resp: 115857
Ion Ratio Lower Upper
127 100
129 86.9 25.7 38.5#
65 11.0 24.1 36.1#
92 21.9 15.3 22.9



#37
2-Methylnaphthalene
Concen: 2.508 ng
RT: 12.386 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion:142 Resp: 76409
Ion Ratio Lower Upper
142 100
141 85.9 69.8 104.8
115 35.1 27.8 41.8

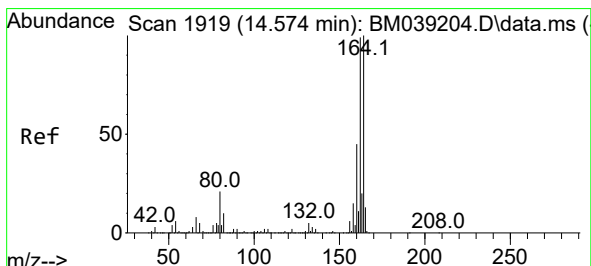
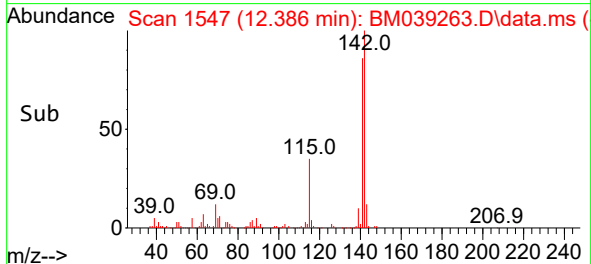
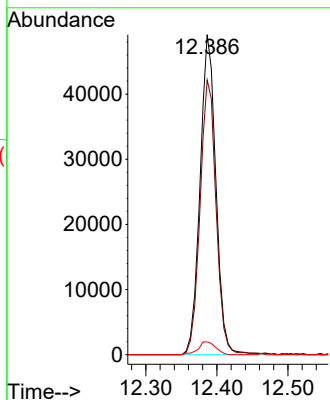
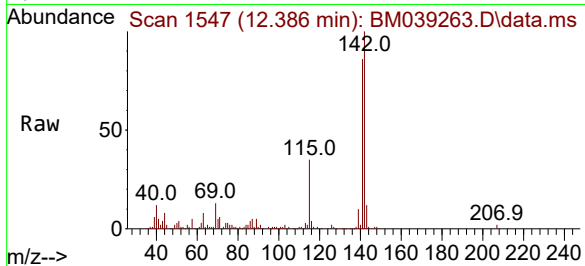




#38
1-Methylnaphthalene
Concen: 2.679 ng
RT: 12.386 min Scan# 11
Delta R.T. -0.224 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

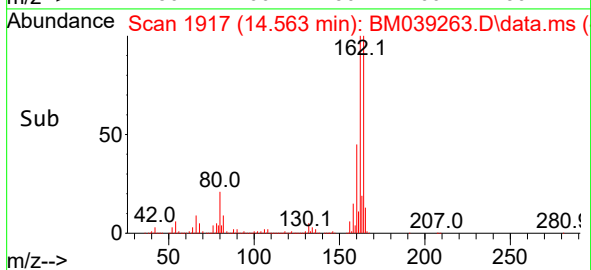
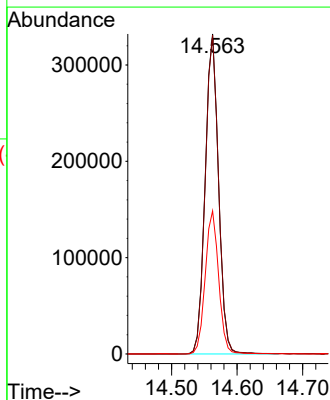
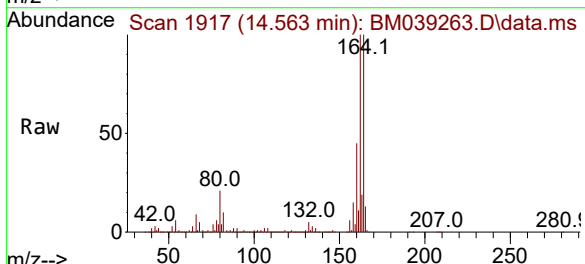
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

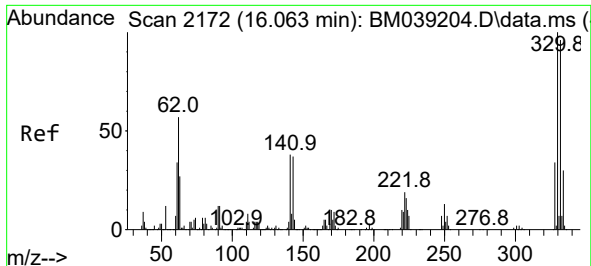
Tgt Ion:142 Resp: 76409
Ion Ratio Lower Upper
142 100
141 85.9 73.2 109.8
116 4.0 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion:164 Resp: 471062
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 44.7 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 135.343 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Instrument :

BNA_M

ClientSampleId :

B-30-GW01

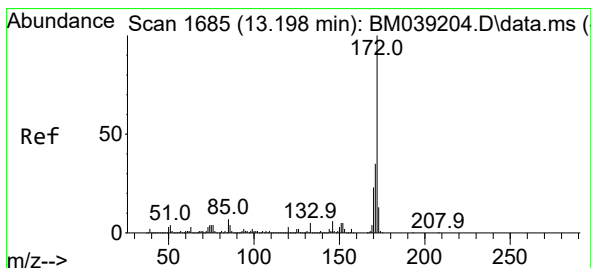
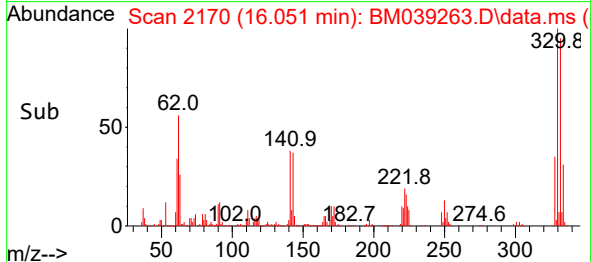
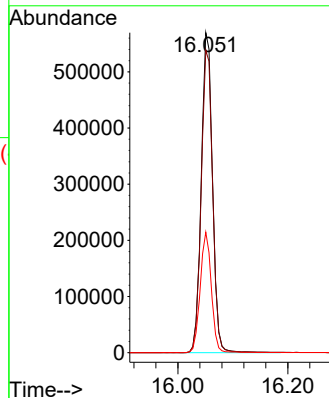
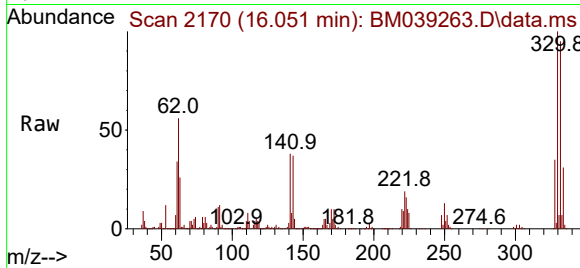
Tgt Ion:330 Resp: 809307

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 37.5 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 88.240 ng

RT: 13.186 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

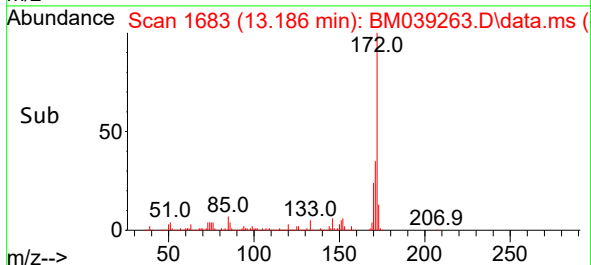
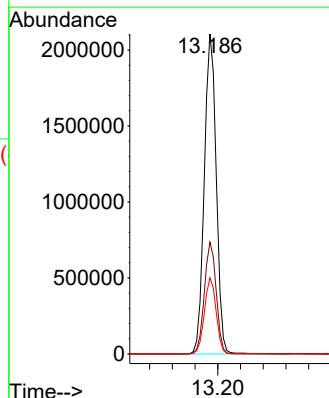
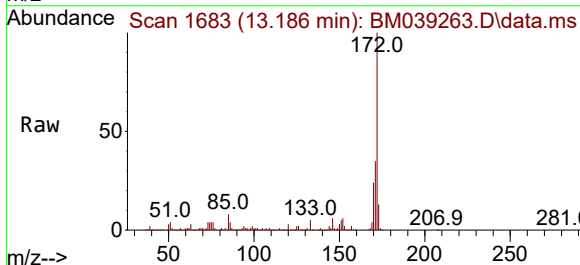
Tgt Ion:172 Resp: 3067839

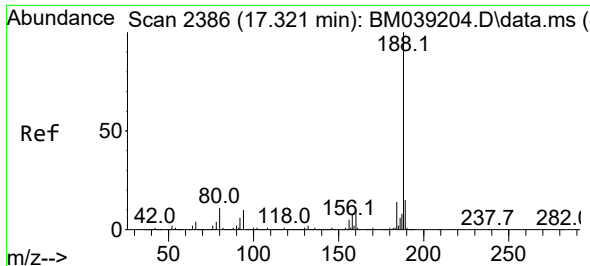
Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.8 18.7 28.1

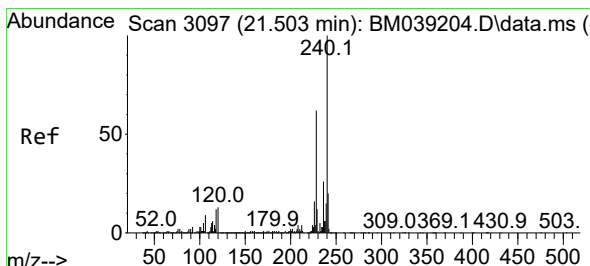
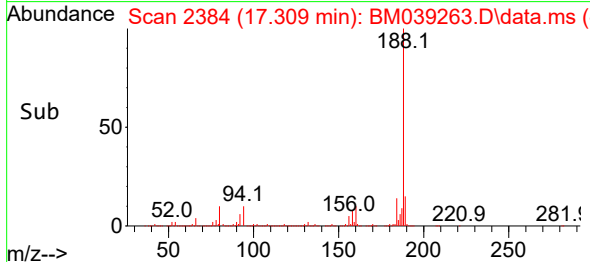
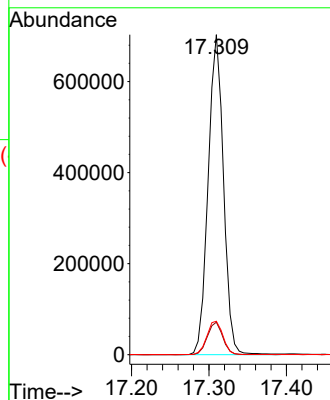
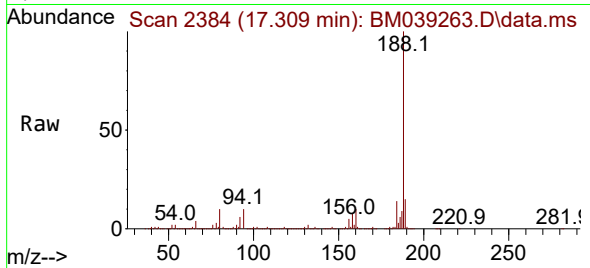




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

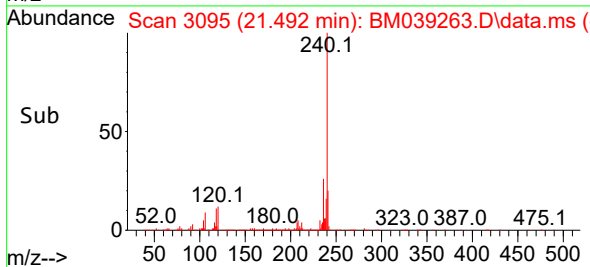
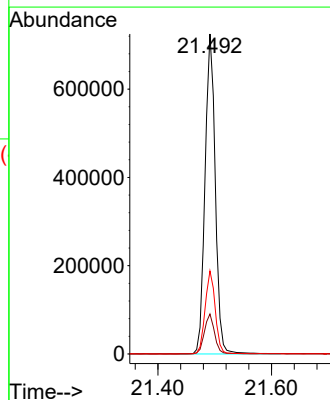
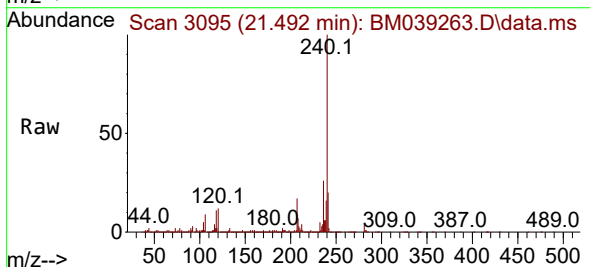
Instrument :
BNA_M
ClientSampleId :
B-30-GW01

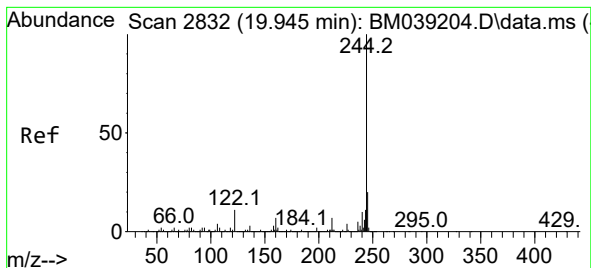
Tgt Ion:188 Resp: 965338
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM039263.D
Acq: 31 Mar 2023 21:13

Tgt Ion:240 Resp: 906663
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.2
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 89.900 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Instrument :

BNA_M

ClientSampleId :

B-30-GW01

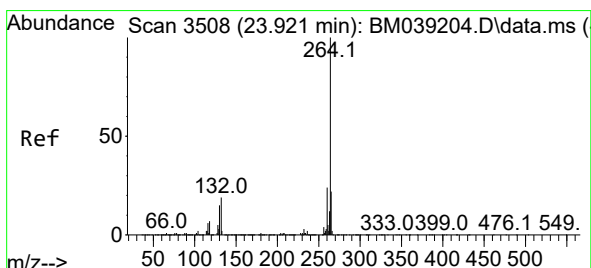
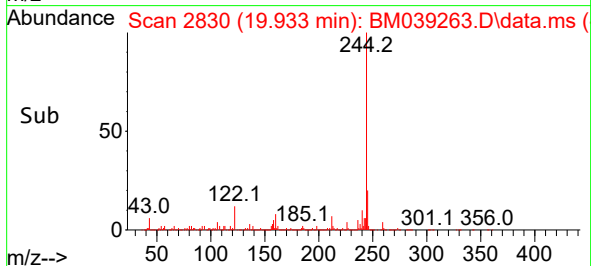
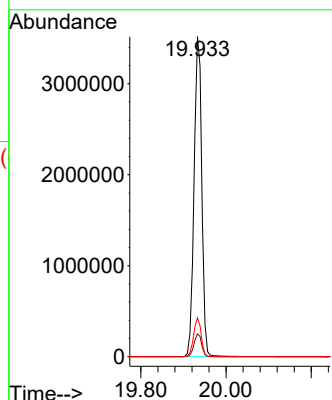
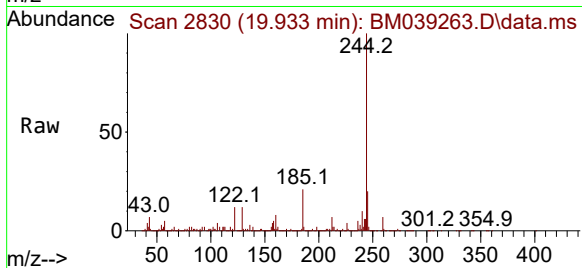
Tgt Ion:244 Resp: 4411741

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.2 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.903 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM039263.D

Acq: 31 Mar 2023 21:13

Tgt Ion:264 Resp: 1091434

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.8 18.1 27.1

