

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
 Data File : BN024737.D
 Acq On : 03 Apr 2023 19:48
 Operator : CG/JU
 Sample : 02034-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-30-35-032123

Quant Time: Apr 04 03:57:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 03:11:39 2023
 Response via : Initial Calibration

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

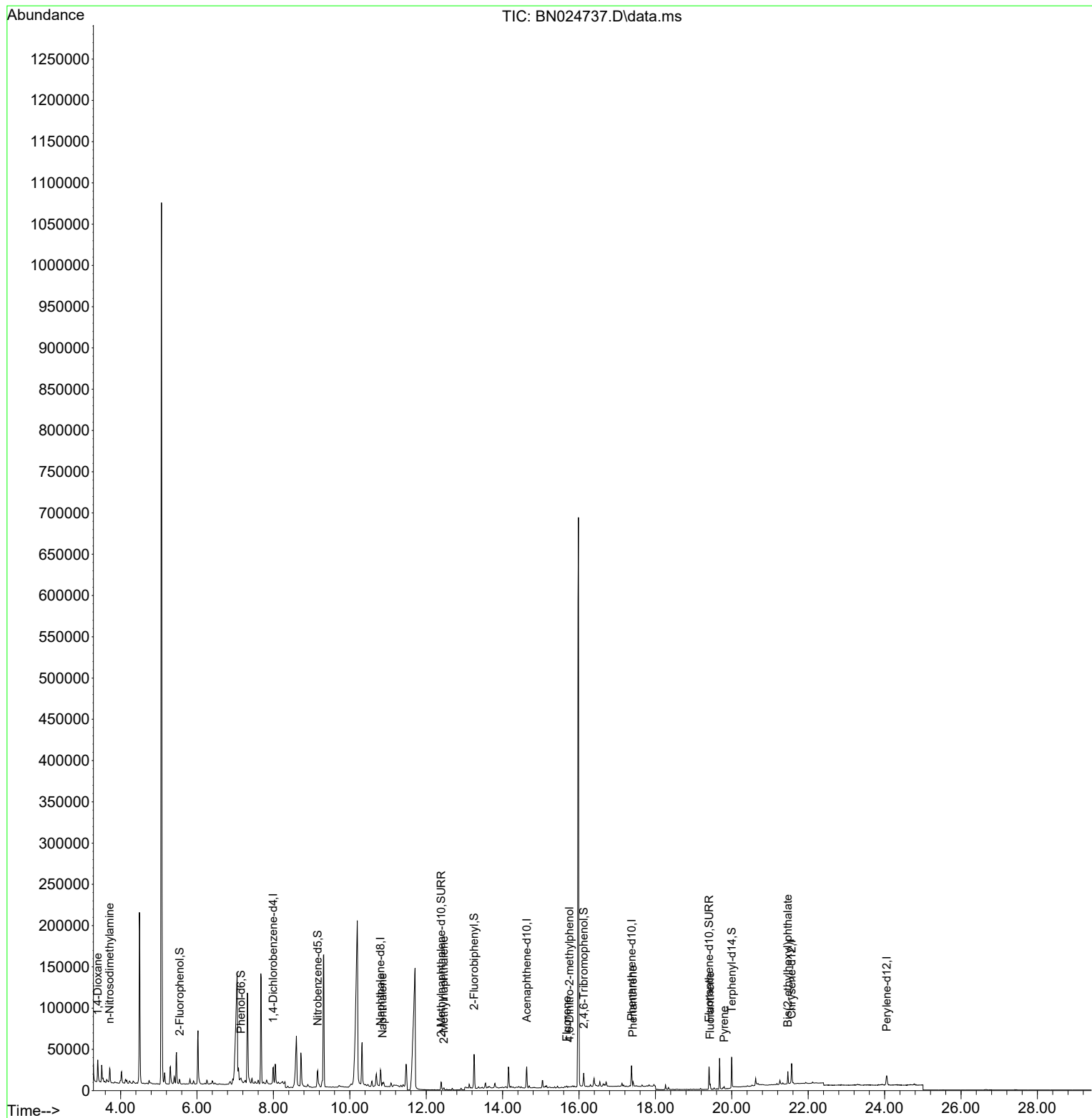
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	8486	0.400	ng	0.00
7) Naphthalene-d8	10.802	136	25387	0.400	ng	# 0.00
13) Acenaphthene-d10	14.633	164	14523	0.400	ng	0.00
19) Phenanthrene-d10	17.376	188	30734	0.400	ng	0.00
29) Chrysene-d12	21.565	240	22395	0.400	ng	# 0.00
35) Perylene-d12	24.053	264	17922	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.548	112	3880	0.201	ng	0.00
5) Phenol-d6	7.152	99	3449	0.142	ng	0.00
8) Nitrobenzene-d5	9.158	82	9006	0.455	ng	0.00
11) 2-Methylnaphthalene-d10	12.391	152	12256	0.377	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	4170	0.667	ng	0.00
15) 2-Fluorobiphenyl	13.253	172	33988	0.600	ng	0.00
27) Fluoranthene-d10	19.404	212	28141	0.432	ng	0.00
31) Terphenyl-d14	19.998	244	31797	0.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	15301	1.746	ng	# 91
3) n-Nitrosodimethylamine	3.714	42	1432	0.097	ng	# 4
9) Naphthalene	10.855	128	1718	0.026	ng	# 80
12) 2-Methylnaphthalene	12.463	142	1522	0.035	ng	# 73
18) Fluorene	15.680	166	1376	0.024	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.749	198	22	0.259	ng	# 1
25) Phenanthrene	17.413	178	6036	0.068	ng	97
28) Fluoranthene	19.433	202	2662	0.028	ng	# 1
30) Pyrene	19.796	202	2527	0.027	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.466	149	13115	0.408	ng	# 96

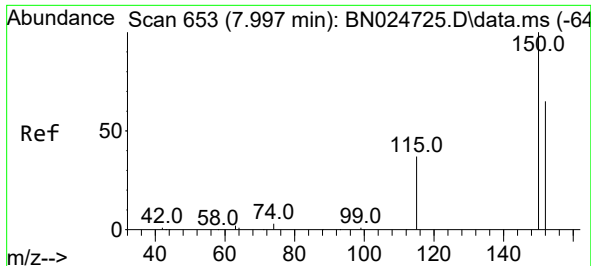
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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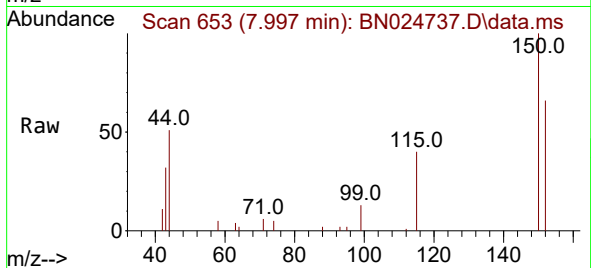
Quant Time: Apr 04 03:57:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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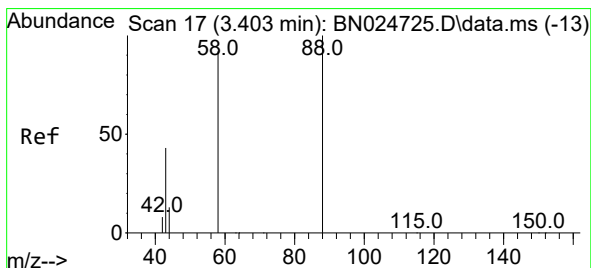
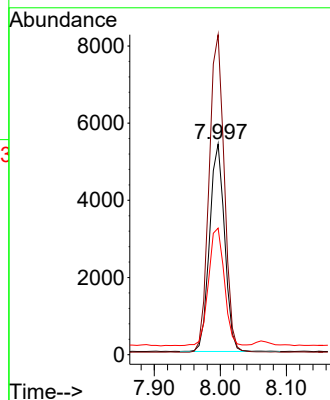
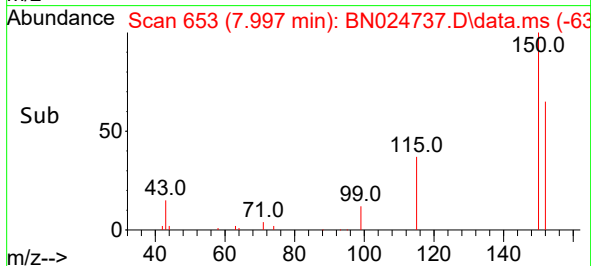


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.997 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-30-35-032123

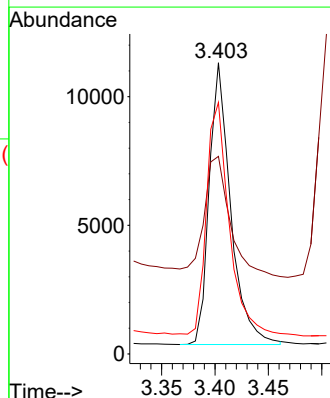
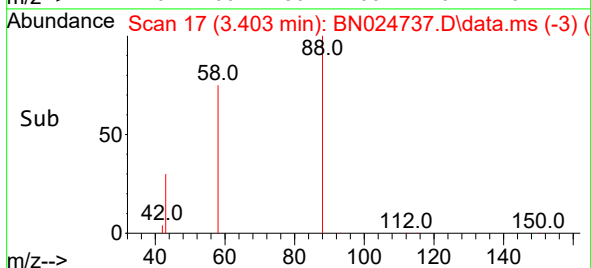
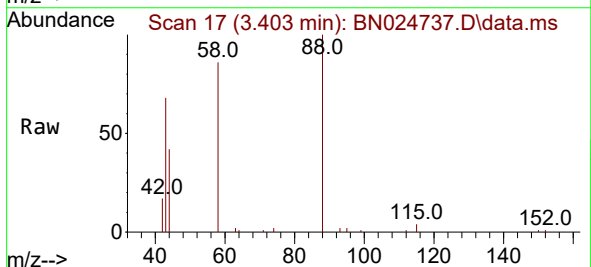


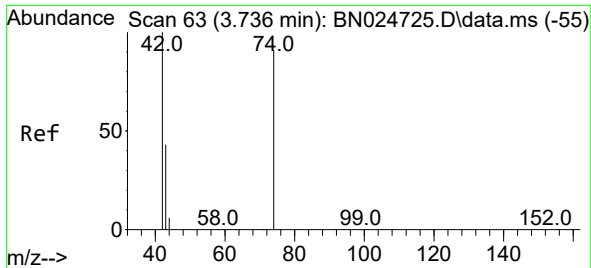
Tgt Ion:152 Resp: 8486
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.0 184.4
 115 60.1 48.7 73.1



#2
 1,4-Dioxane
 Concen: 1.746 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

Tgt Ion: 88 Resp: 15301
 Ion Ratio Lower Upper
 88 100
 43 51.5 32.8 49.2#
 58 86.1 73.0 109.6

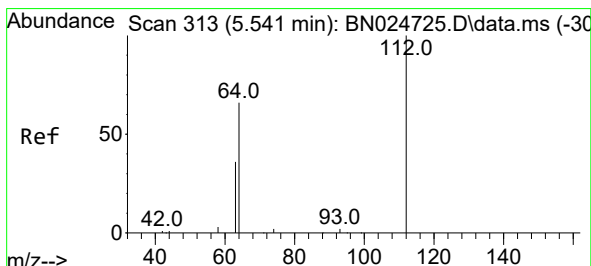
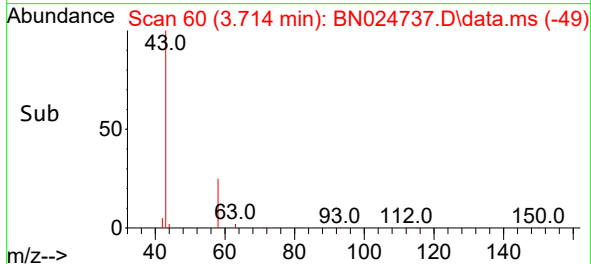
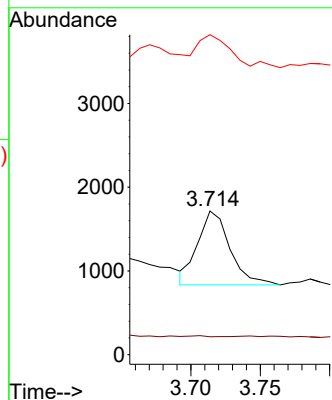
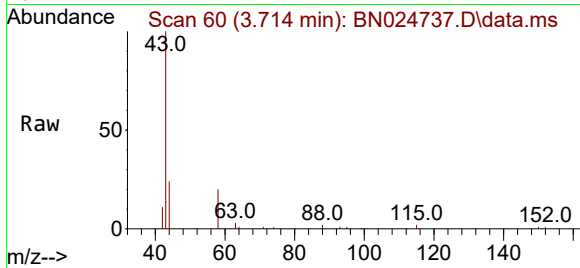




#3
 n-Nitrosodimethylamine
 Concen: 0.097 ng
 RT: 3.714 min Scan# 60
 Delta R.T. -0.022 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

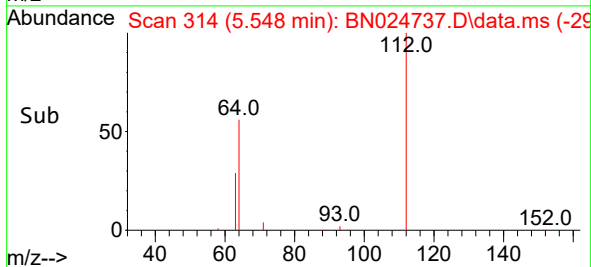
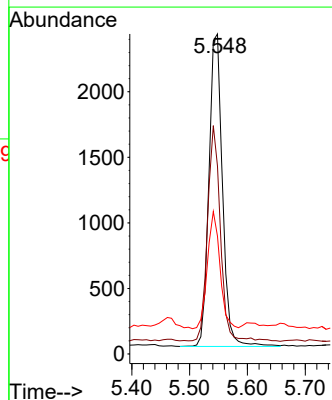
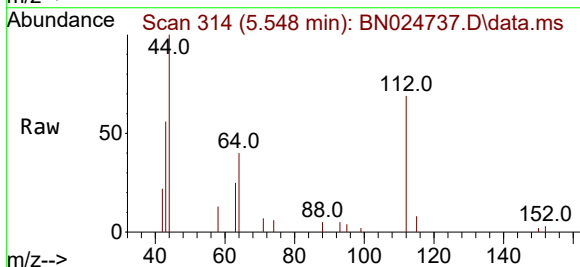
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-30-35-032123

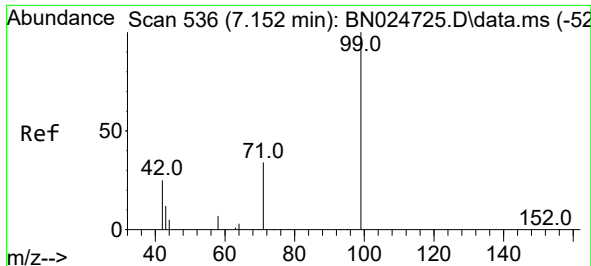
Tgt Ion: 42 Resp: 1432
 Ion Ratio Lower Upper
 42 100
 74 0.5 73.9 110.9#
 44 44.6 7.6 11.4#



#4
 2-Fluorophenol
 Concen: 0.201 ng
 RT: 5.548 min Scan# 314
 Delta R.T. 0.007 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

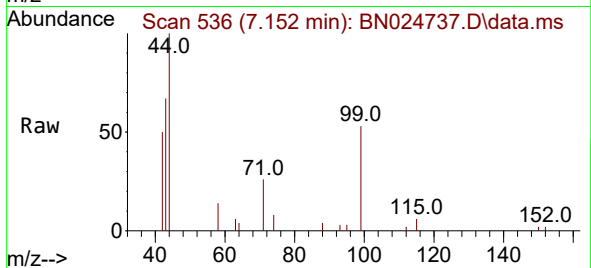
Tgt Ion: 112 Resp: 3880
 Ion Ratio Lower Upper
 112 100
 64 65.7 52.1 78.1
 63 34.8 28.7 43.1



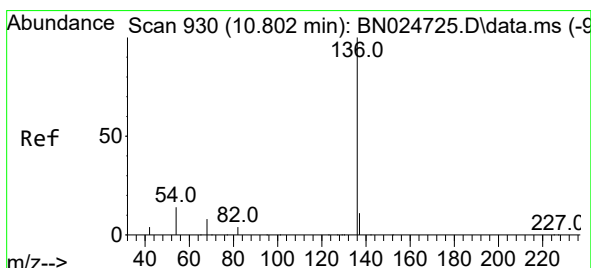
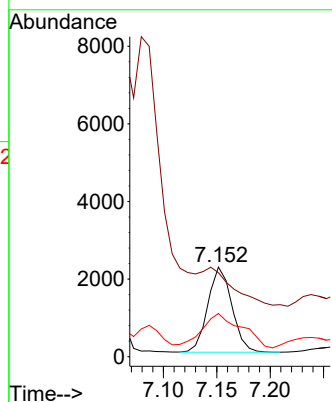
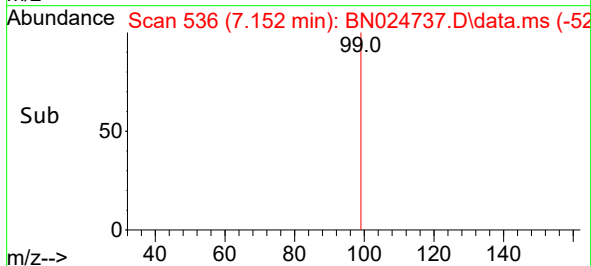


#5
Phenol-d6
Concen: 0.142 ng
RT: 7.152 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

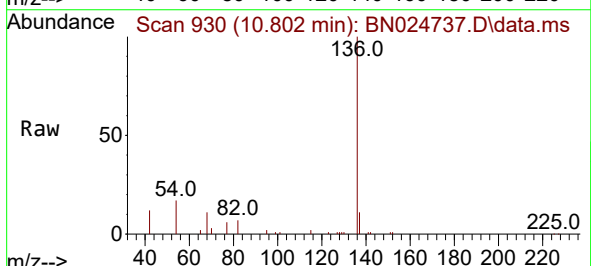
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123



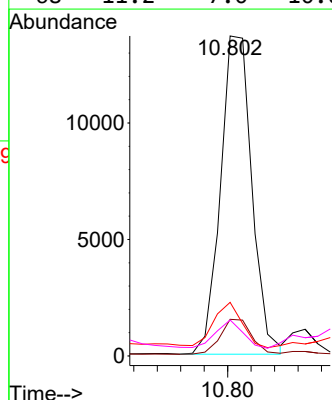
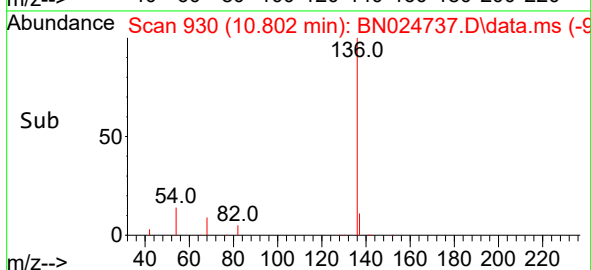
Tgt Ion: 99 Resp: 3449
Ion Ratio Lower Upper
99 100
42 0.0 23.7 35.5#
71 66.7 28.2 42.4#

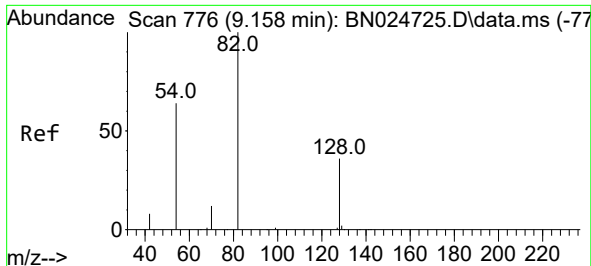


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.802 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48



Tgt Ion: 136 Resp: 25387
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 16.8 11.4 17.0
68 11.2 7.0 10.6#

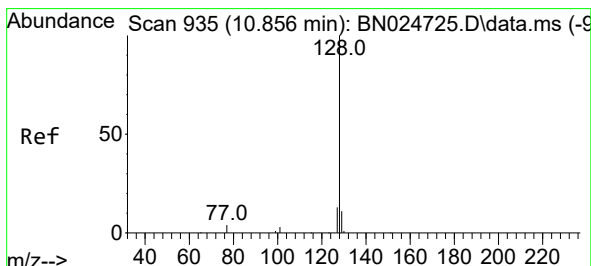
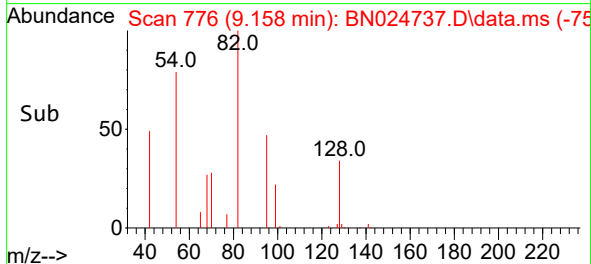
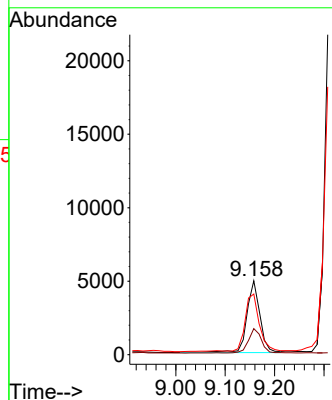
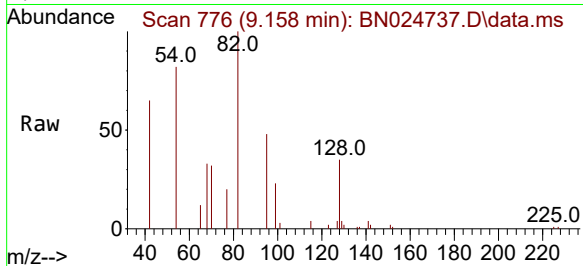




#8
 Nitrobenzene-d5
 Concen: 0.455 ng
 RT: 9.158 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

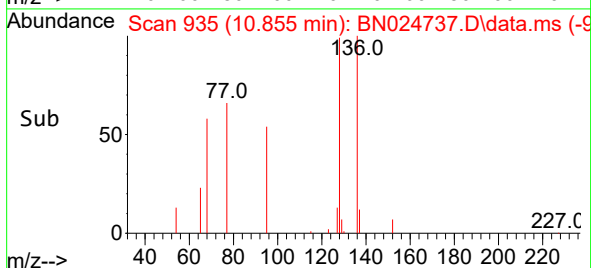
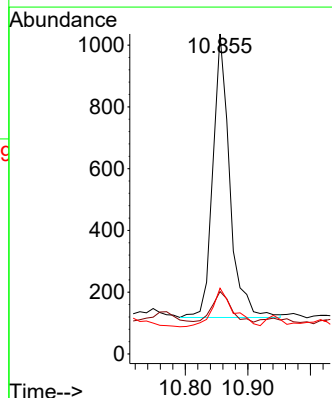
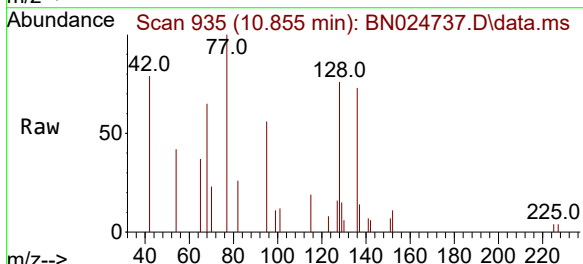
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-30-35-032123

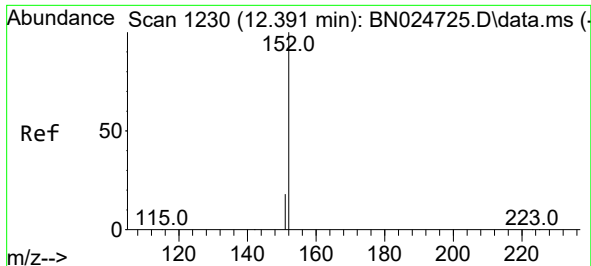
Tgt Ion: 82 Resp: 9006
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.4 44.2
 54 82.0 51.3 76.9#



#9
 Naphthalene
 Concen: 0.026 ng
 RT: 10.855 min Scan# 935
 Delta R.T. -0.000 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

Tgt Ion: 128 Resp: 1718
 Ion Ratio Lower Upper
 128 100
 129 19.5 9.0 13.6#
 127 20.6 10.6 15.8#

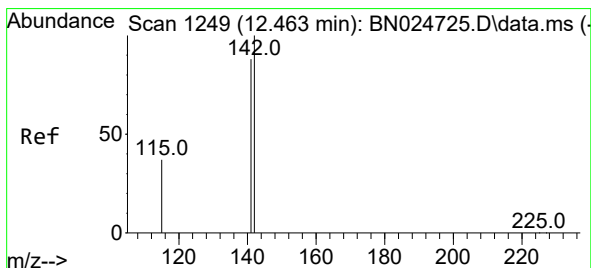
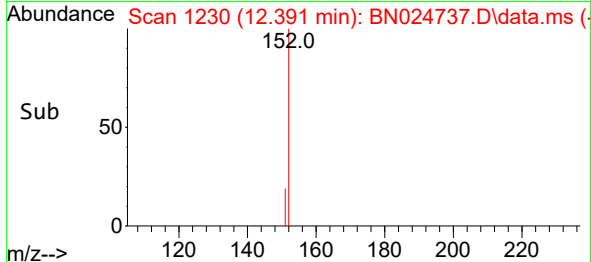
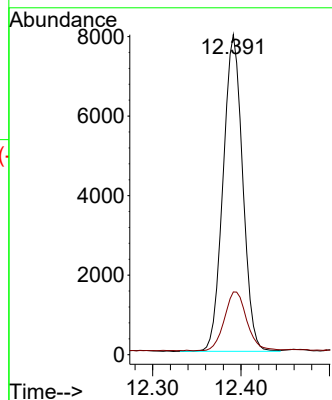
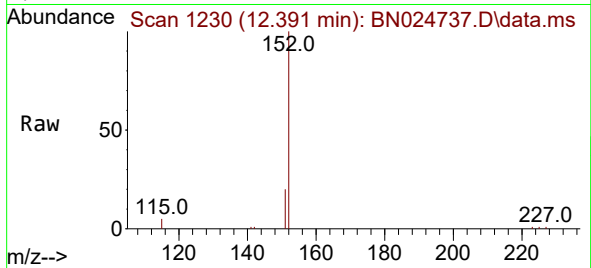




#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.391 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

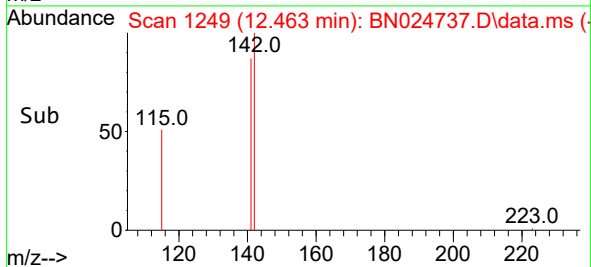
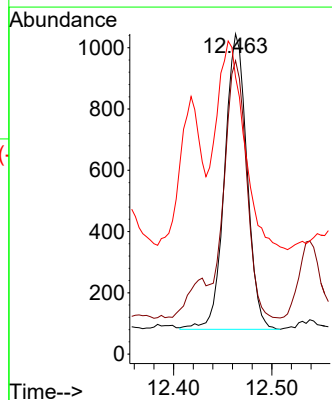
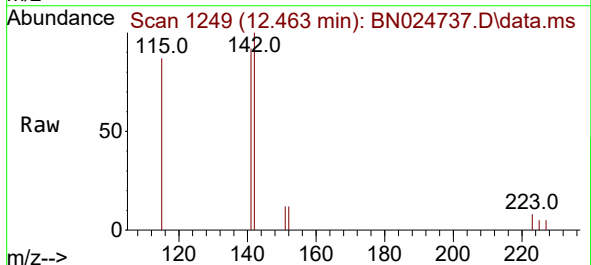
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123

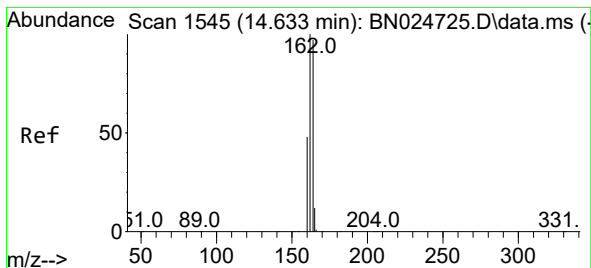
Tgt Ion:152 Resp: 12256
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.035 ng
RT: 12.463 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

Tgt Ion:142 Resp: 1522
Ion Ratio Lower Upper
142 100
141 91.7 70.5 105.7
115 86.5 30.9 46.3#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.633 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

Instrument :

BNA_N

ClientSampleId :

GWCB-05-30-35-032123

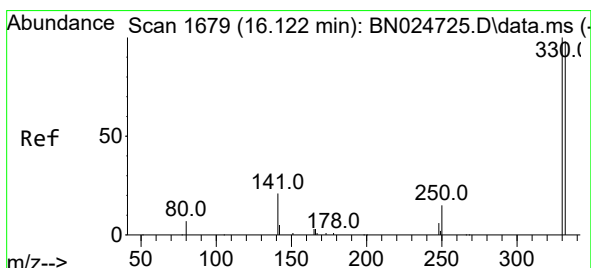
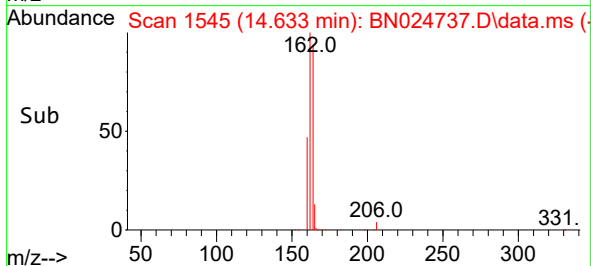
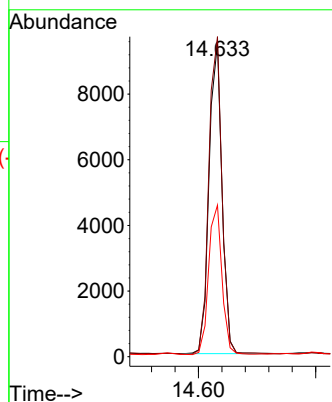
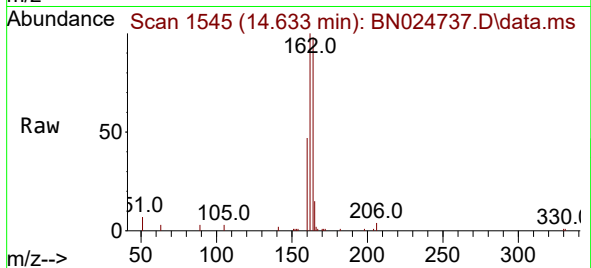
Tgt Ion:164 Resp: 14523

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.4

160 48.3 39.4 59.0



#14

2,4,6-Tribromophenol

Concen: 0.667 ng

RT: 16.122 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

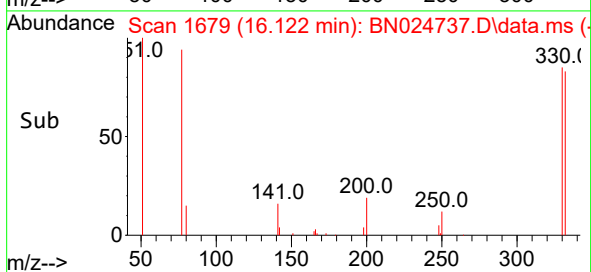
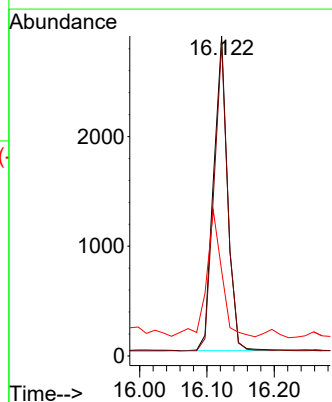
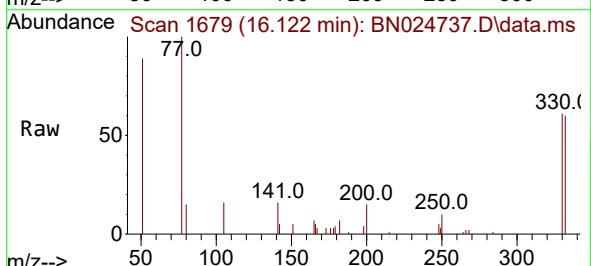
Tgt Ion:330 Resp: 4170

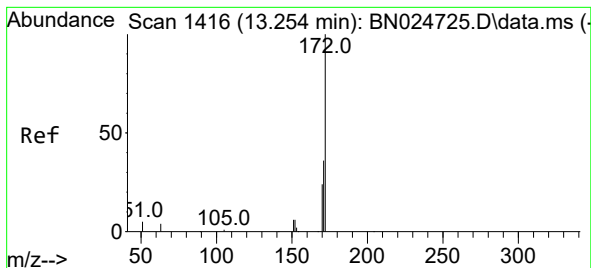
Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 44.1 29.6 44.4





#15

2-Fluorobiphenyl

Concen: 0.600 ng

RT: 13.253 min Scan# 1416

Delta R.T. -0.000 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

Instrument :

BNA_N

ClientSampleId :

GWCB-05-30-35-032123

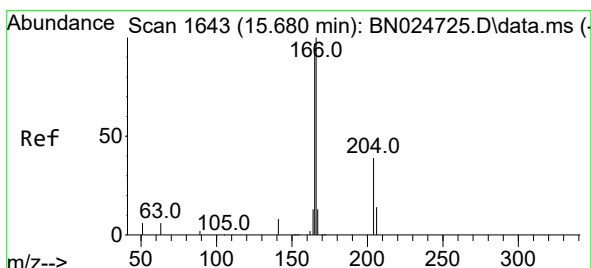
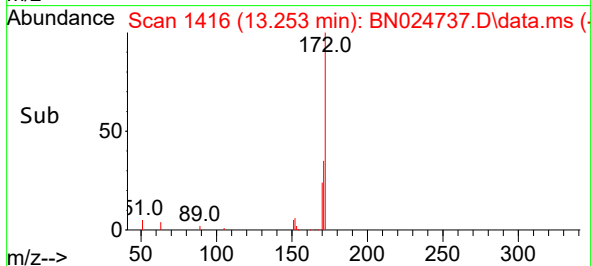
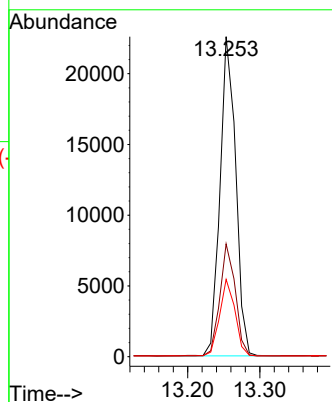
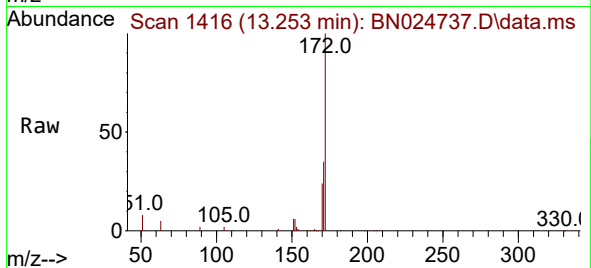
Tgt Ion:172 Resp: 33988

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.2 19.5 29.3



#18

Fluorene

Concen: 0.024 ng

RT: 15.680 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

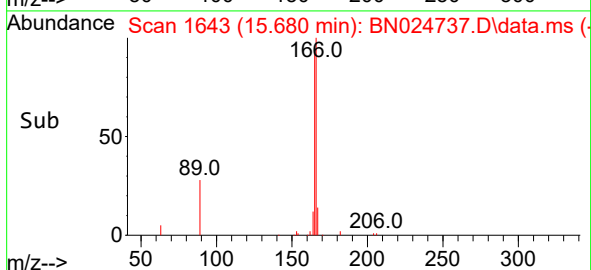
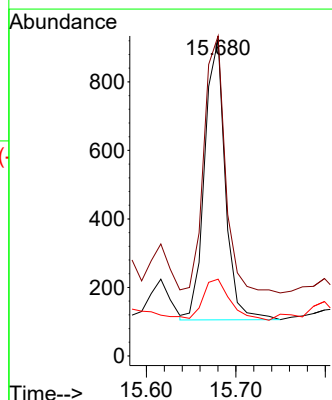
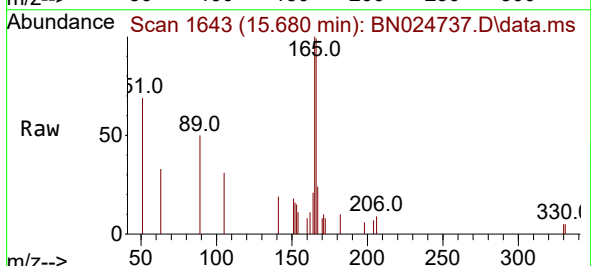
Tgt Ion:166 Resp: 1376

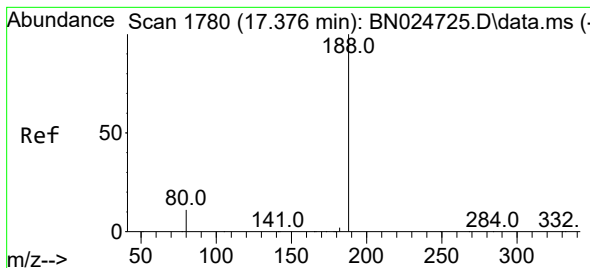
Ion Ratio Lower Upper

166 100

165 94.5 79.1 118.7

167 19.3 10.6 16.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.376 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

Instrument :

BNA_N

ClientSampleId :

GWCB-05-30-35-032123

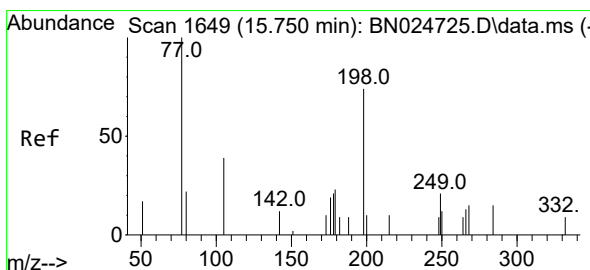
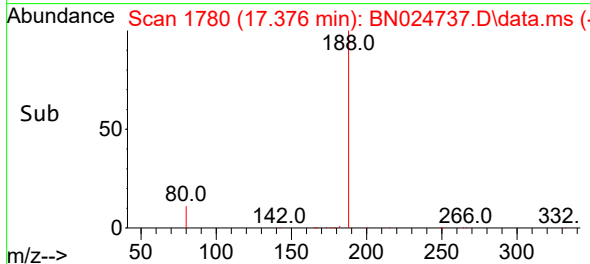
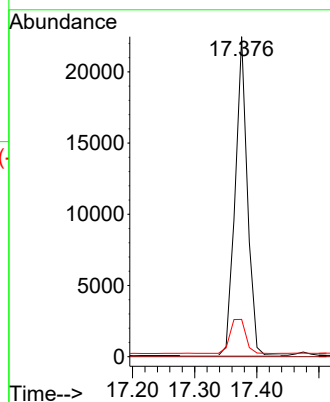
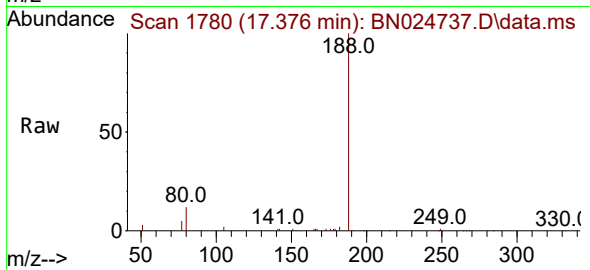
Tgt Ion:188 Resp: 30734

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 9.2 13.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.259 ng

RT: 15.749 min Scan# 1649

Delta R.T. -0.001 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

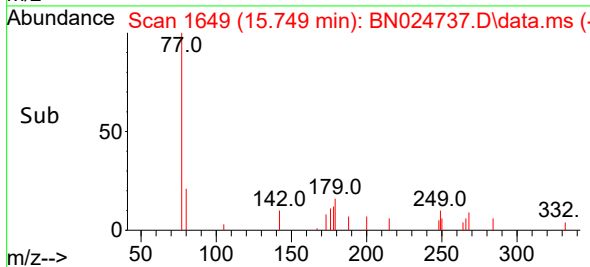
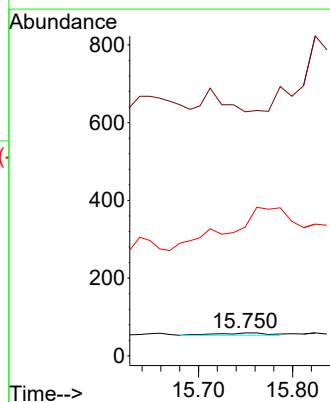
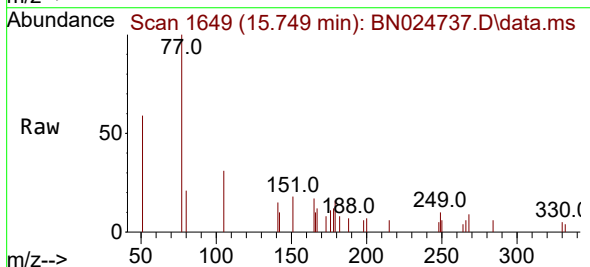
Tgt Ion:198 Resp: 22

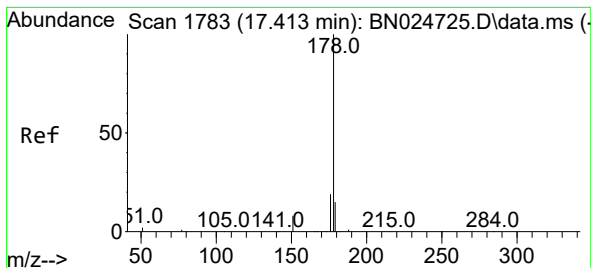
Ion Ratio Lower Upper

198 100

51 1064.4 118.9 178.3#

105 561.0 64.6 97.0#





#25

Phenanthrene

Concen: 0.068 ng

RT: 17.413 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

Instrument :

BNA_N

ClientSampleId :

GWCB-05-30-35-032123

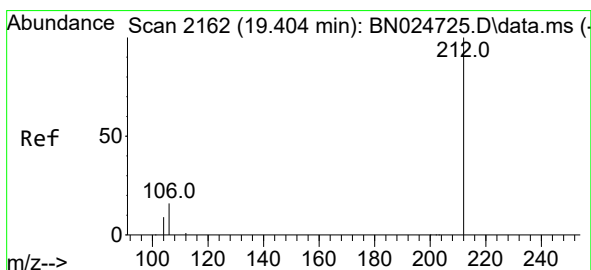
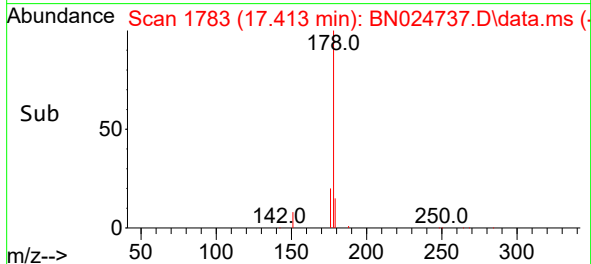
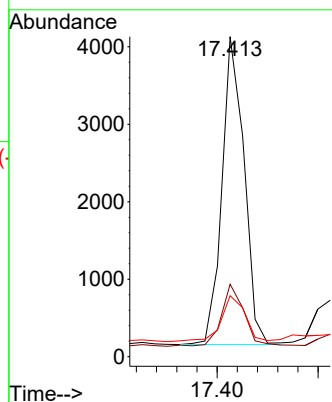
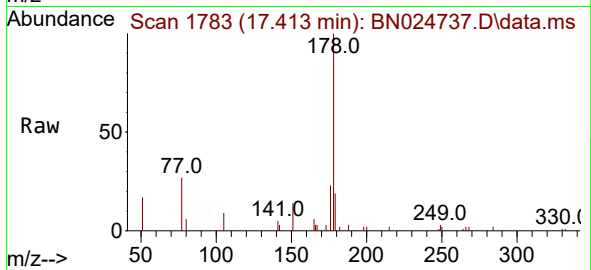
Tgt Ion:178 Resp: 6036

Ion Ratio Lower Upper

178 100

176 21.0 15.4 23.2

179 16.1 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.432 ng

RT: 19.404 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BN024737.D

Acq: 03 Apr 2023 19:48

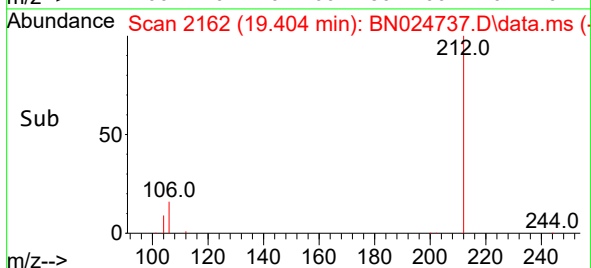
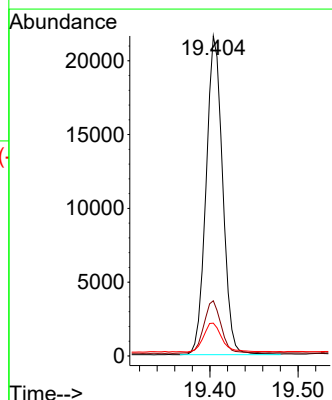
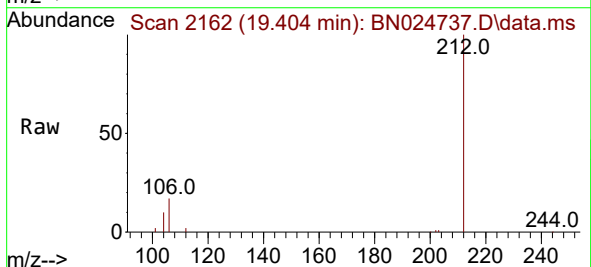
Tgt Ion:212 Resp: 28141

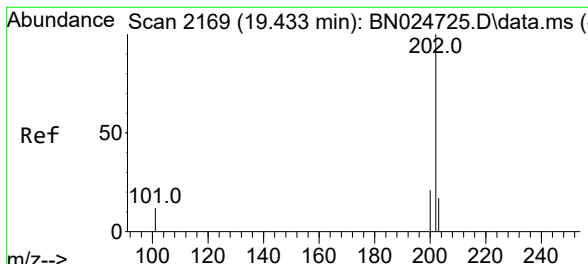
Ion Ratio Lower Upper

212 100

106 17.3 13.0 19.4

104 9.8 7.4 11.0

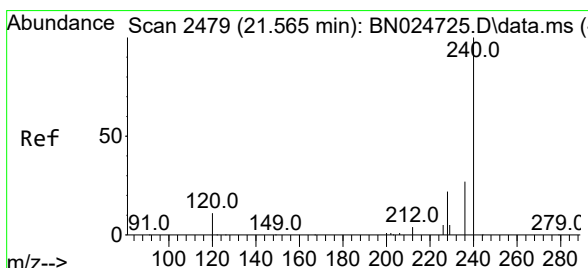
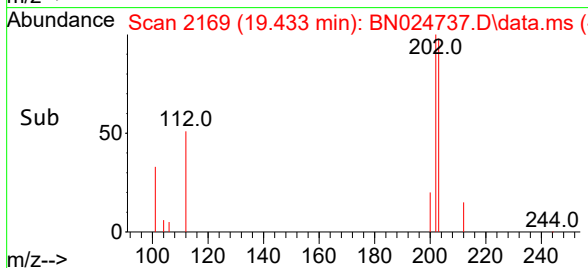
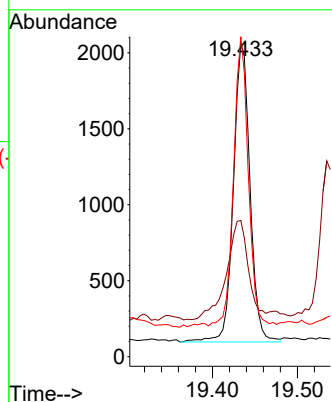
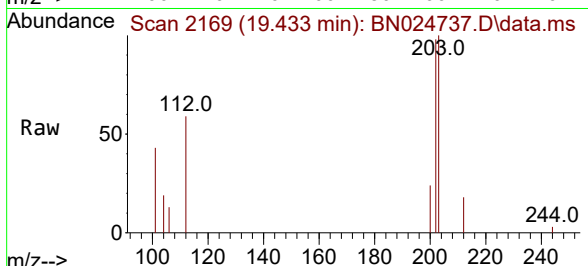




#28
Fluoranthene
Concen: 0.028 ng
RT: 19.433 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

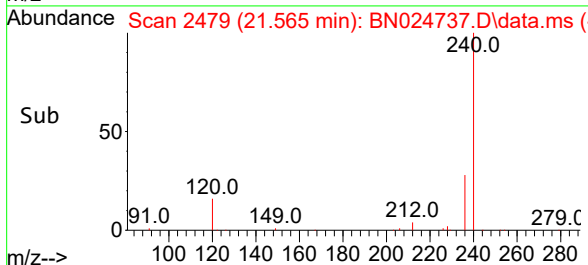
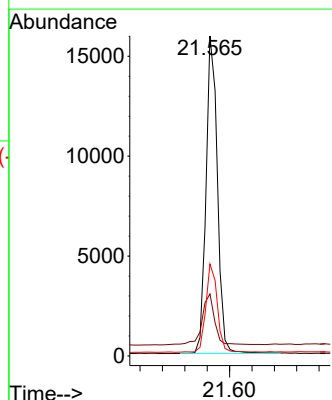
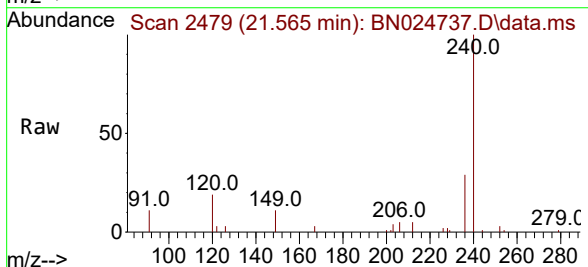
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123

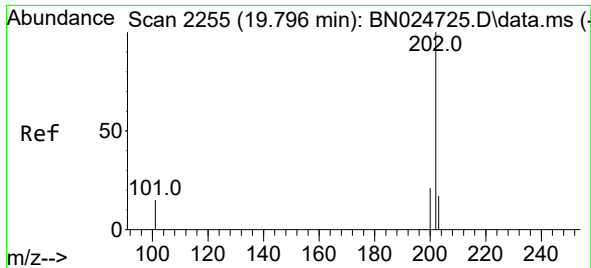
Tgt Ion:202 Resp: 2662
Ion Ratio Lower Upper
202 100
101 44.1 10.1 15.1#
203 85.8 13.6 20.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.565 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

Tgt Ion:240 Resp: 22395
Ion Ratio Lower Upper
240 100
120 19.4 10.6 16.0#
236 28.8 22.3 33.5

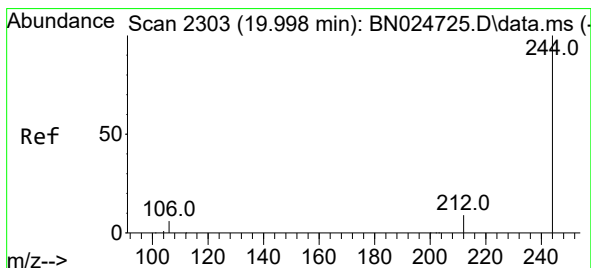
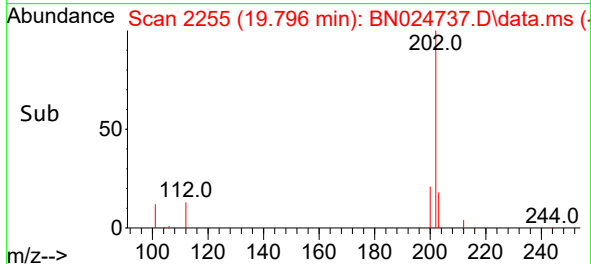
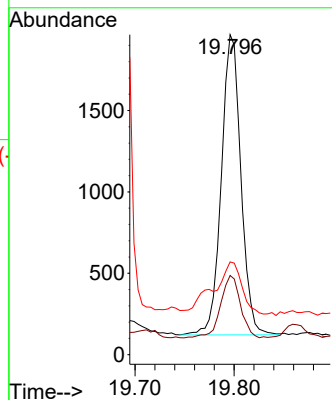
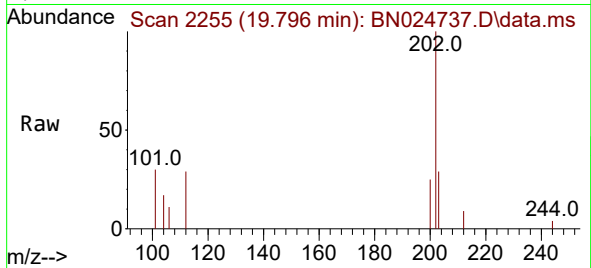




#30
Pyrene
Concen: 0.027 ng
RT: 19.796 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

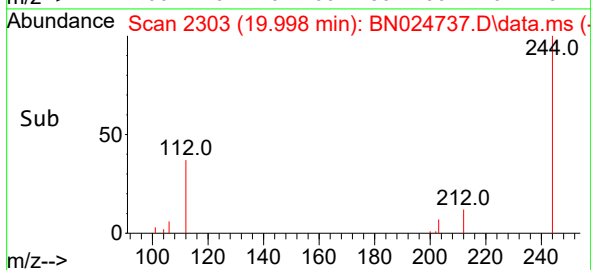
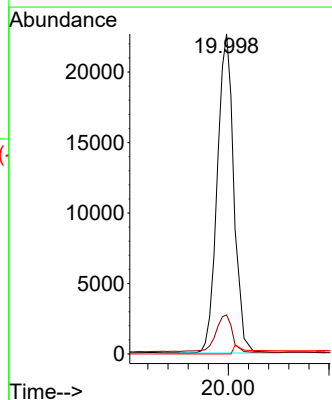
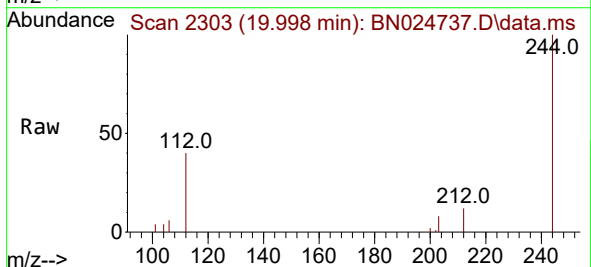
Instrument :
BNA_N
ClientSampleId :
GWCB-05-30-35-032123

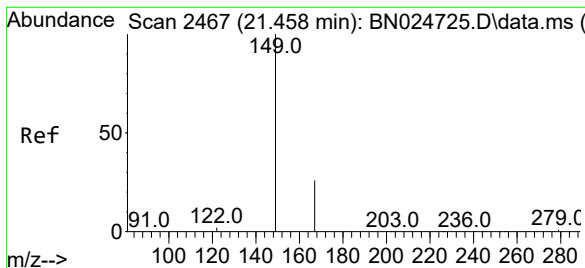
Tgt Ion:202 Resp: 2527
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 25.6 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.998 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BN024737.D
Acq: 03 Apr 2023 19:48

Tgt Ion:244 Resp: 31797
Ion Ratio Lower Upper
244 100
212 12.2 7.4 11.0#
122 0.0 0.0 0.0

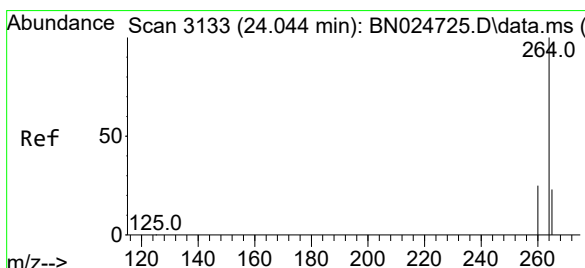
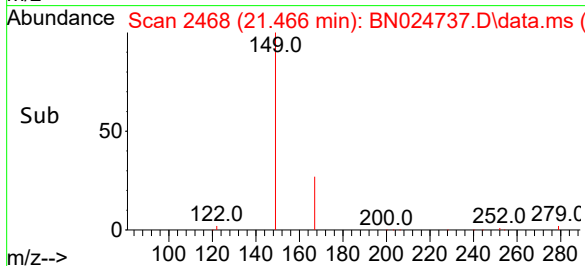
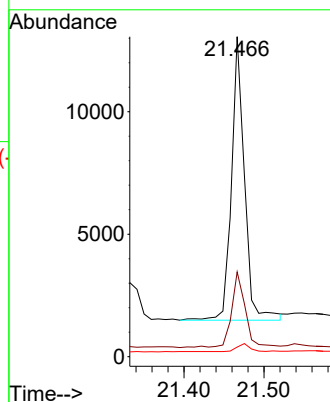
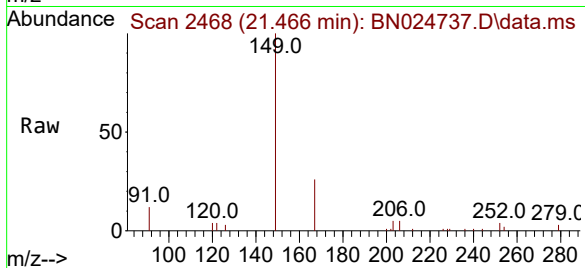




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.408 ng
 RT: 21.466 min Scan# 2468
 Delta R.T. 0.009 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-30-35-032123

Tgt Ion:149 Resp: 13115
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.0 31.6
 279 2.7 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.053 min Scan# 3136
 Delta R.T. 0.009 min
 Lab File: BN024737.D
 Acq: 03 Apr 2023 19:48

Tgt Ion:264 Resp: 17922
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.6 31.0
 265 73.0 62.5 93.7

