

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
 Data File : BN024740.D
 Acq On : 03 Apr 2023 21:38
 Operator : CG/JU
 Sample : 02074-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323

Quant Time: Apr 04 03:58:07 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)

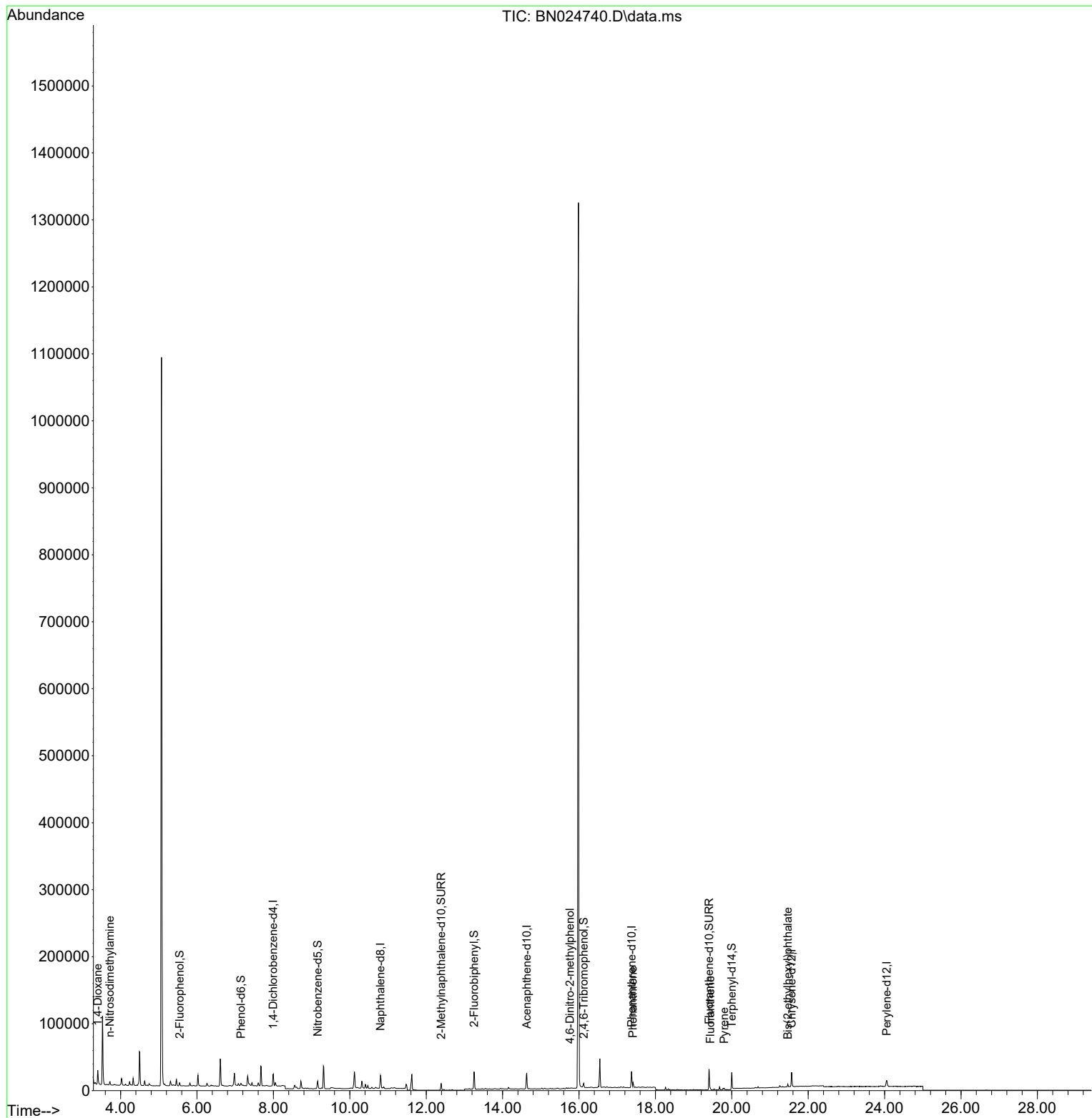
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	8517	0.400	ng	0.00
7) Naphthalene-d8	10.802	136	25238	0.400	ng	0.00
13) Acenaphthene-d10	14.633	164	13737	0.400	ng	0.00
19) Phenanthrene-d10	17.376	188	29849	0.400	ng	0.00
29) Chrysene-d12	21.565	240	19967	0.400	ng	# 0.00
35) Perylene-d12	24.053	264	15213	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.548	112	3559	0.184	ng	0.00
5) Phenol-d6	7.152	99	2804	0.115	ng	0.00
8) Nitrobenzene-d5	9.158	82	7800	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.391	152	13215	0.408	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	3102	0.525	ng	0.00
15) 2-Fluorobiphenyl	13.254	172	20958	0.391	ng	0.00
27) Fluoranthene-d10	19.404	212	32311	0.511	ng	0.00
31) Terphenyl-d14	19.998	244	32179	0.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	11853	1.348	ng	93
3) n-Nitrosodimethylamine	3.721	42	678	0.046	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.762	198	10	0.256	ng	# 1
25) Phenanthrene	17.413	178	7797	0.090	ng	97
28) Fluoranthene	19.438	202	2032	0.022	ng	# 75
30) Pyrene	19.800	202	1879	0.022	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.467	149	4083	0.142	ng	99

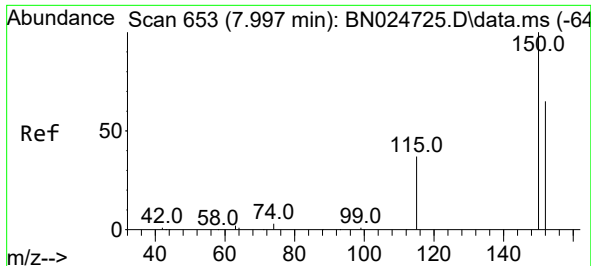
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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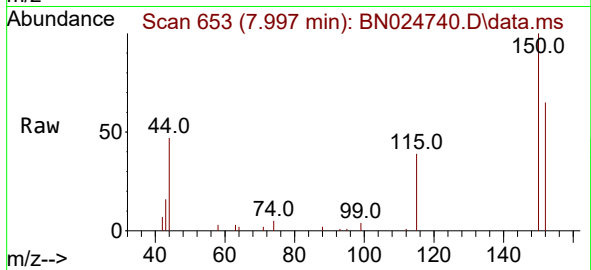
Quant Time: Apr 04 03:58:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
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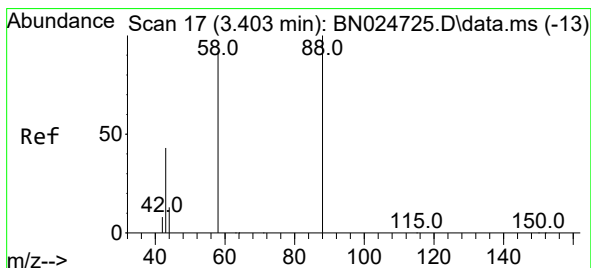
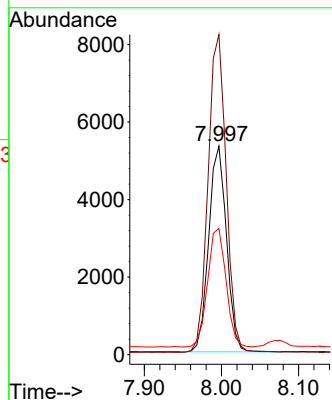
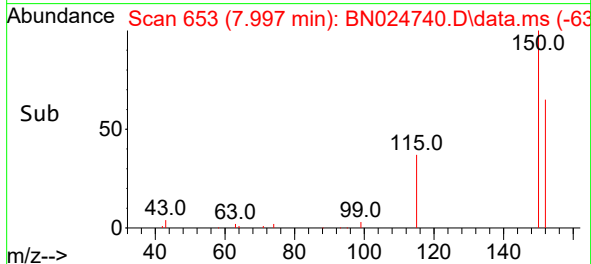


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.997 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024740.D
 Acq: 03 Apr 2023 21:38

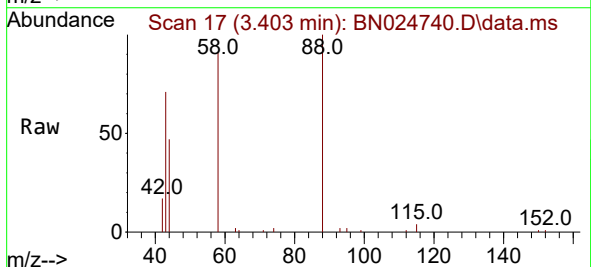
Instrument :
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 ClientSampleId :
 GWCB-05-40-45-032323



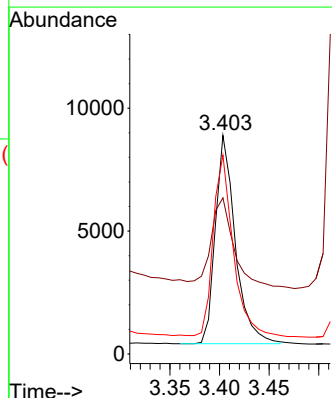
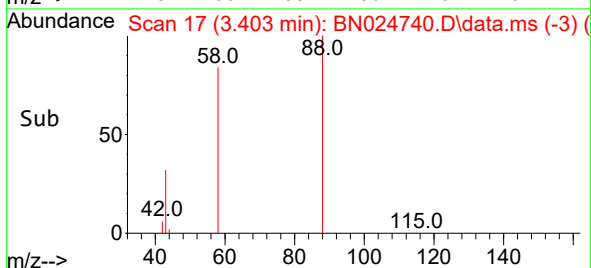
Tgt Ion:152 Resp: 8517
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.0 184.4
 115 60.5 48.7 73.1

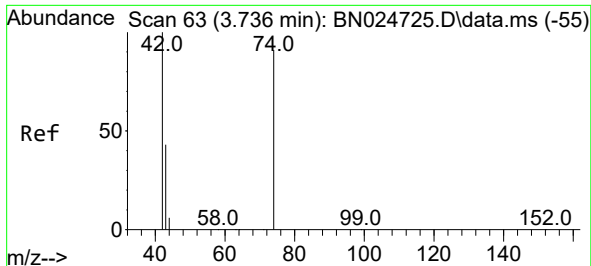


#2
 1,4-Dioxane
 Concen: 1.348 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN024740.D
 Acq: 03 Apr 2023 21:38



Tgt Ion: 88 Resp: 11853
 Ion Ratio Lower Upper
 88 100
 43 47.1 32.8 49.2
 58 85.9 73.0 109.6

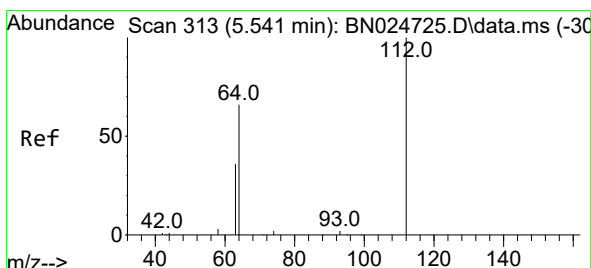
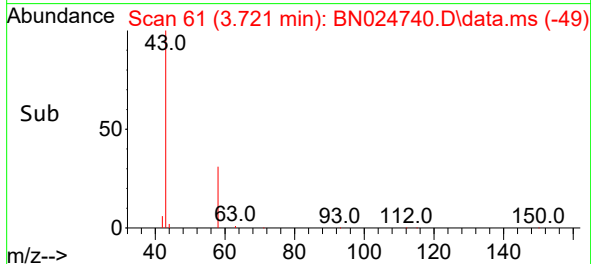
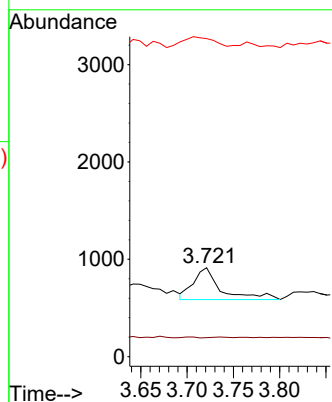
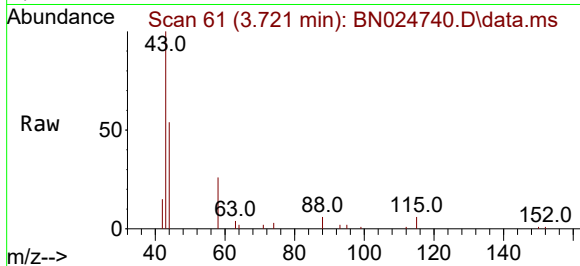




#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.721 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

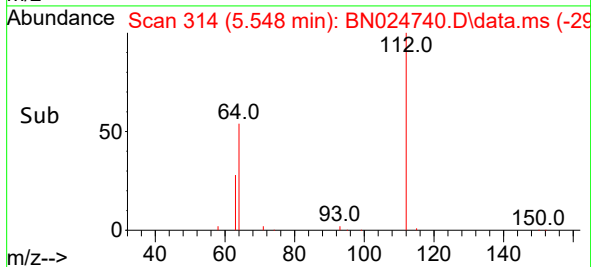
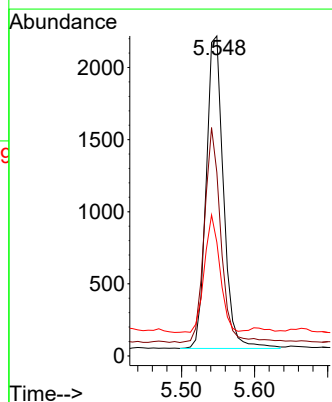
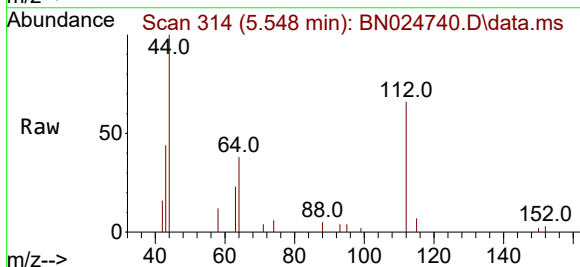
Instrument :
BNA_N
ClientSampleId :
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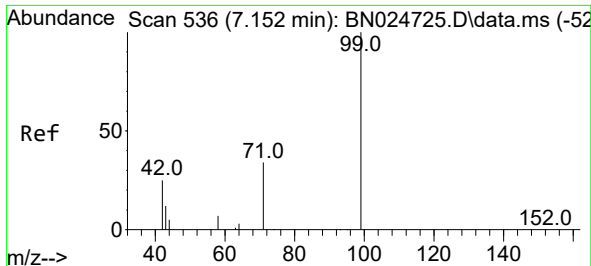
Tgt Ion: 42 Resp: 678
Ion Ratio Lower Upper
42 100
74 1.9 73.9 110.9#
44 0.0 7.6 11.4#



#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.548 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

Tgt Ion: 112 Resp: 3559
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 33.6 28.7 43.1

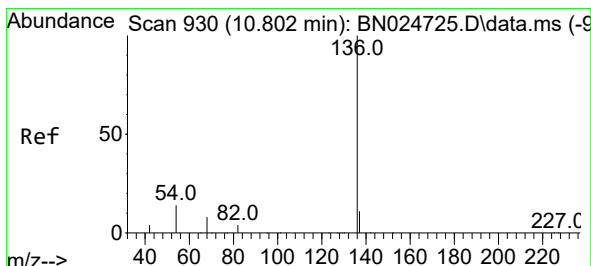
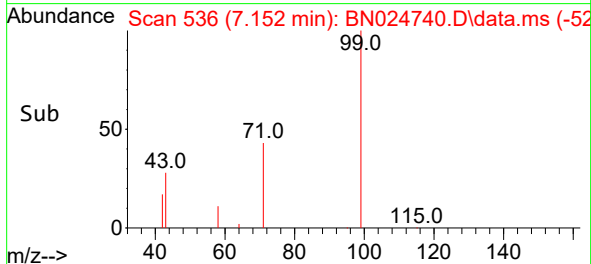
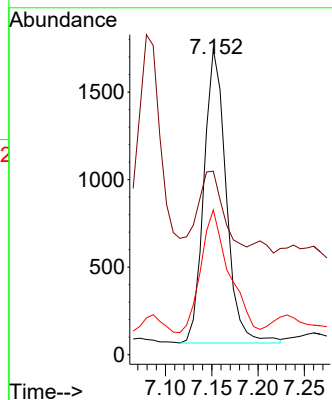
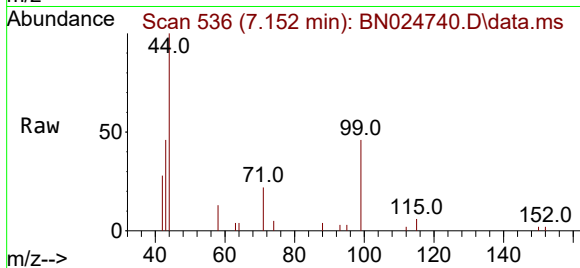




#5
Phenol-d6
Concen: 0.115 ng
RT: 7.152 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

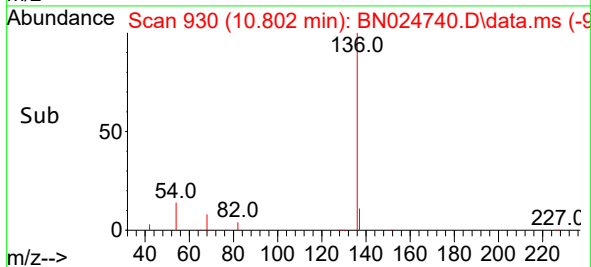
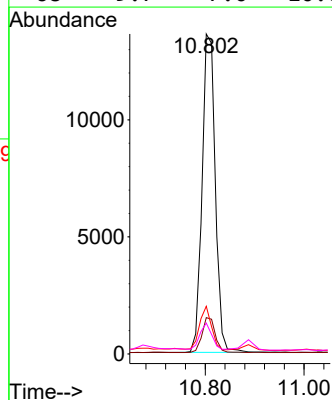
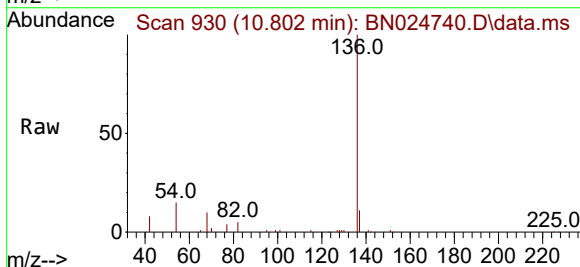
Instrument :
BNA_N
ClientSampleId :
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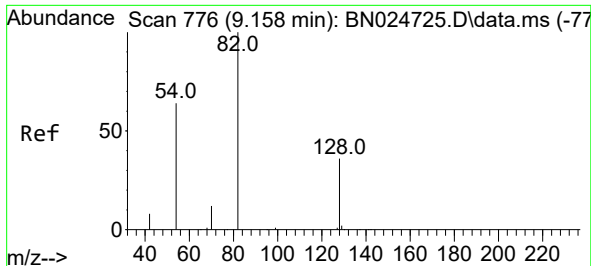
Tgt Ion: 99 Resp: 2804
Ion Ratio Lower Upper
99 100
42 27.5 23.7 35.5
71 52.7 28.2 42.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.802 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

Tgt Ion:136 Resp: 25238
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 14.9 11.4 17.0
68 9.7 7.0 10.6

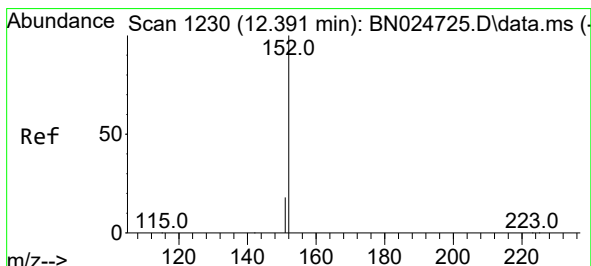
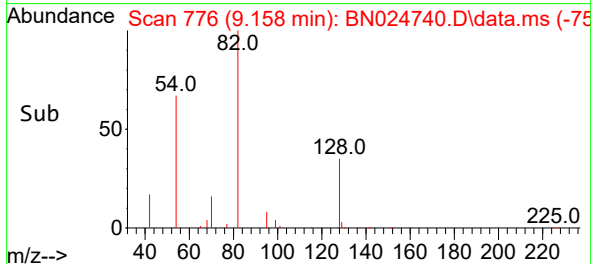
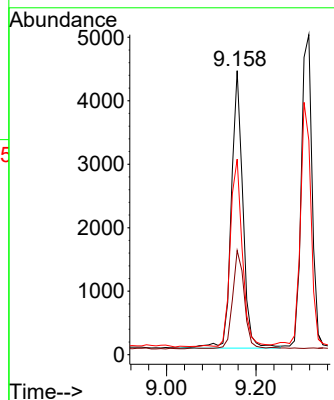
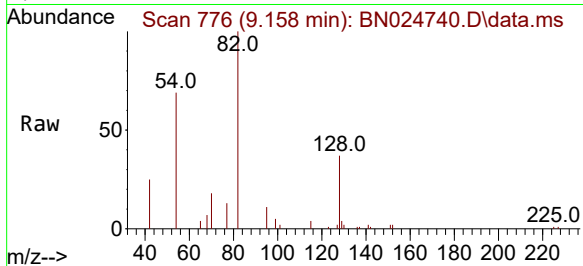




#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 9.158 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

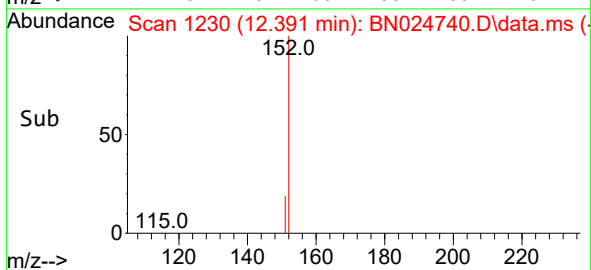
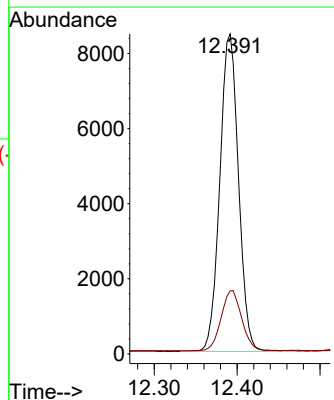
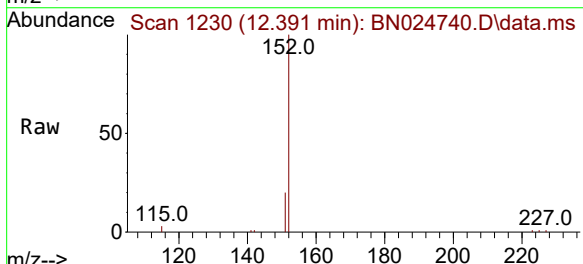
Instrument :
BNA_N
ClientSampleId :
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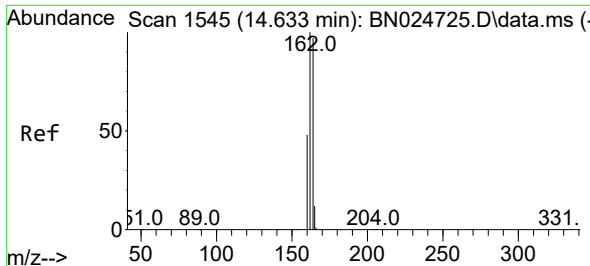
Tgt Ion: 82 Resp: 7800
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 68.8 51.3 76.9



#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 12.391 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

Tgt Ion: 152 Resp: 13215
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0

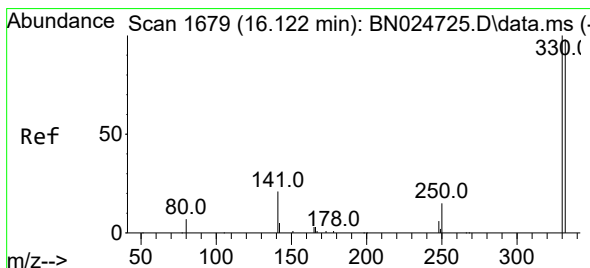
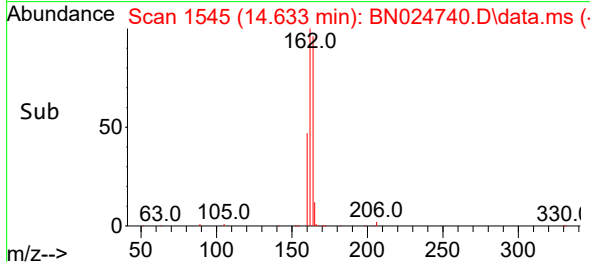
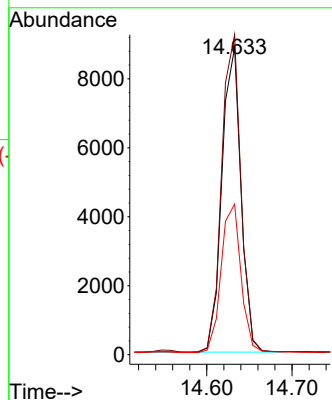
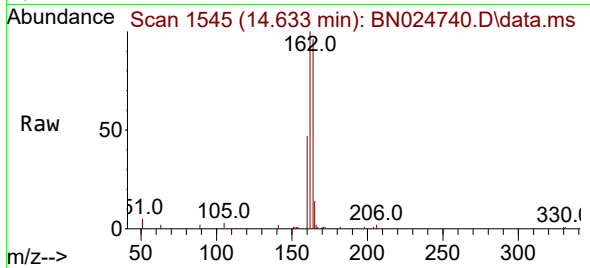




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.633 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

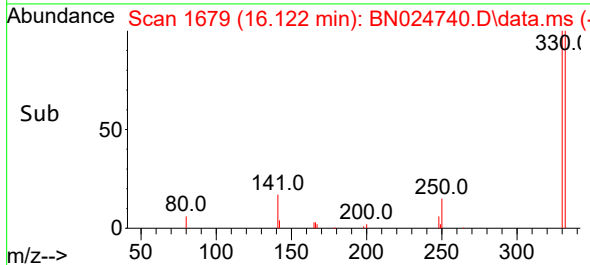
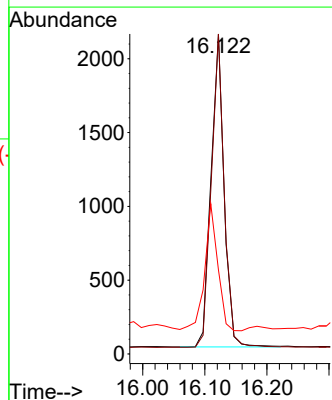
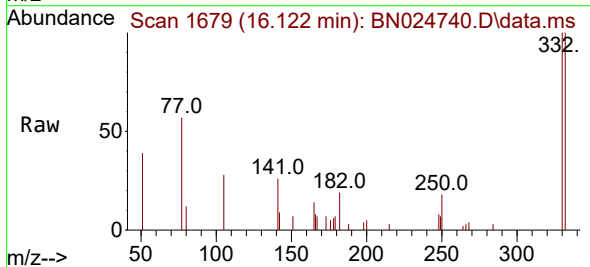
Instrument :
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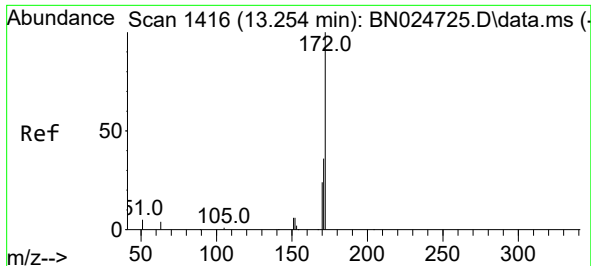
Tgt Ion:164 Resp: 13737
Ion Ratio Lower Upper
164 100
162 104.2 82.2 123.4
160 49.0 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.525 ng
RT: 16.122 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

Tgt Ion:330 Resp: 3102
Ion Ratio Lower Upper
330 100
332 98.5 77.6 116.4
141 40.5 29.6 44.4

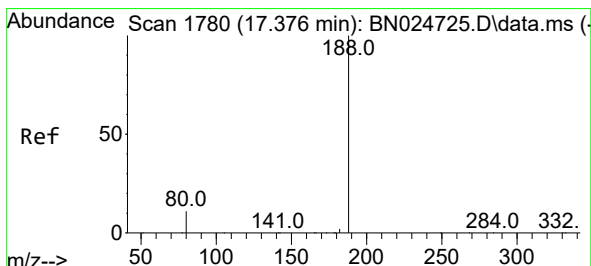
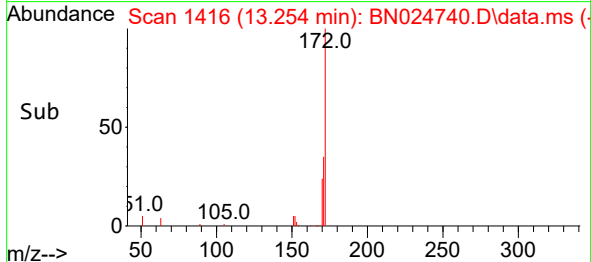
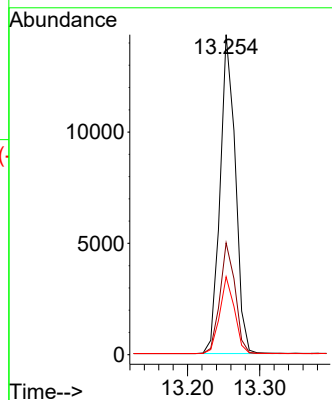
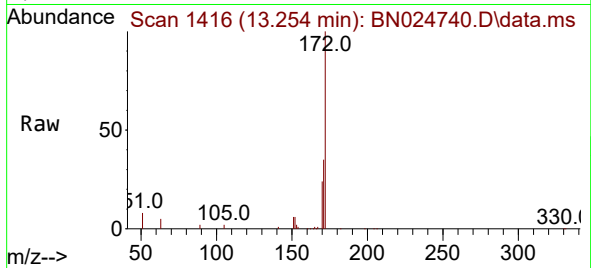




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.254 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

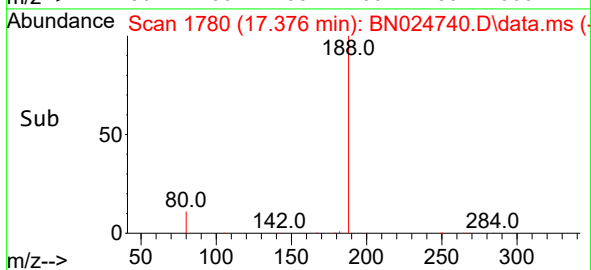
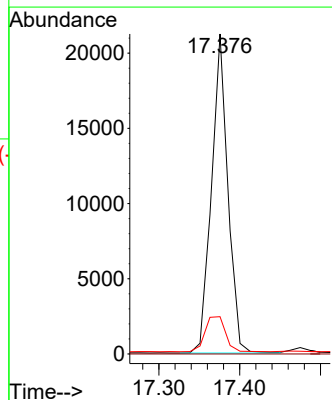
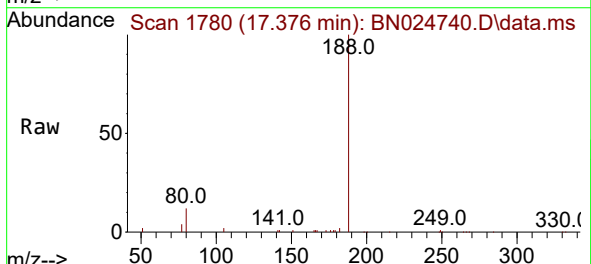
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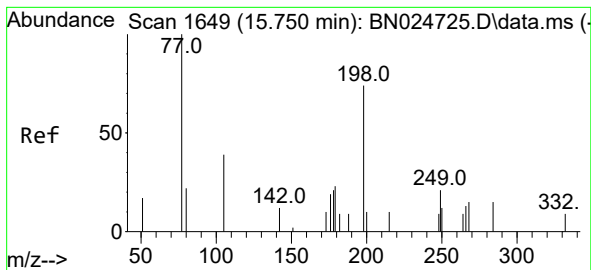
Tgt Ion:172 Resp: 20958
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 24.4 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.376 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

Tgt Ion:188 Resp: 29849
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 9.2 13.8

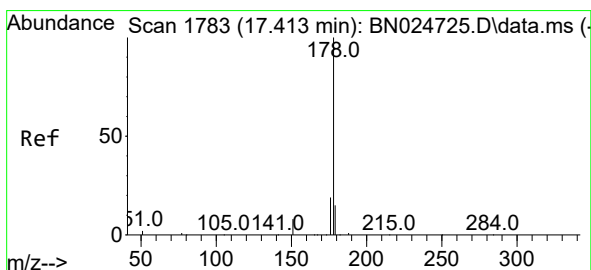
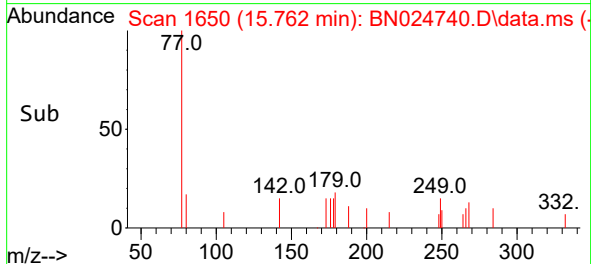
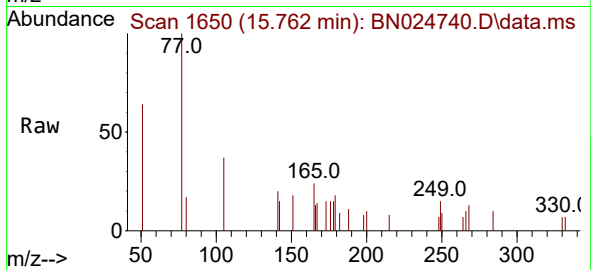




#20
4,6-Dinitro-2-methylphenol
Concen: 0.256 ng
RT: 15.762 min Scan# 1650
Delta R.T. 0.012 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

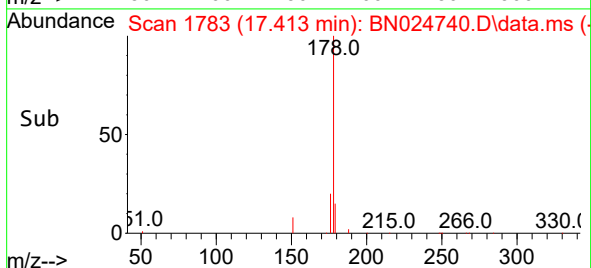
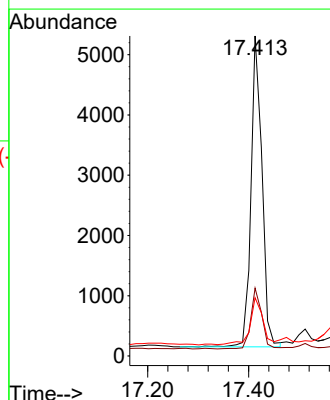
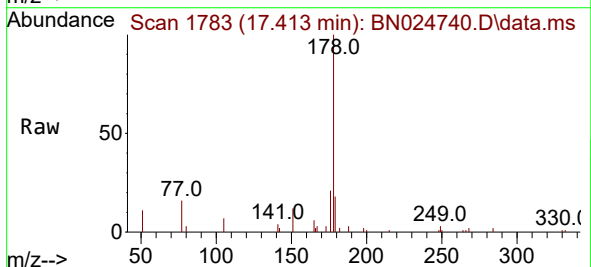
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ClientSampleId :
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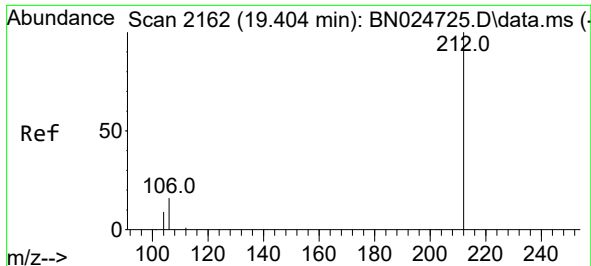
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 798.2 118.9 178.3#
105 460.0 64.6 97.0#



#25
Phenanthrene
Concen: 0.090 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

Tgt Ion:178 Resp: 7797
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 17.7 12.2 18.4

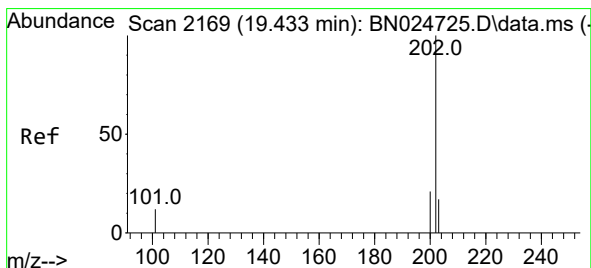
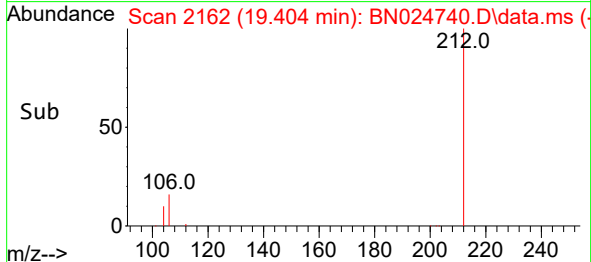
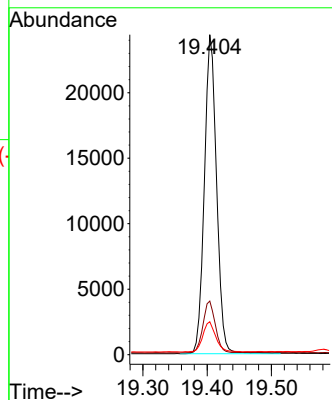
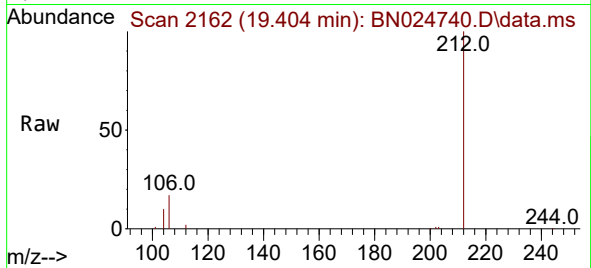




#27
Fluoranthene-d10
Concen: 0.511 ng
RT: 19.404 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

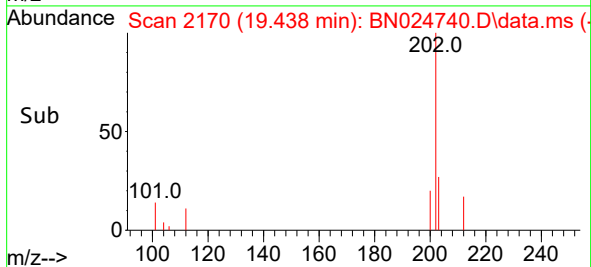
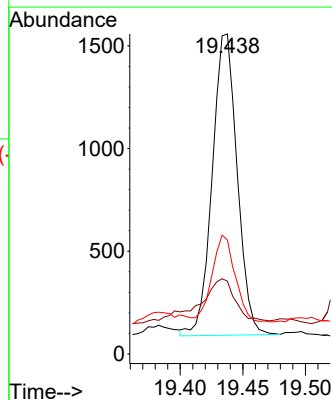
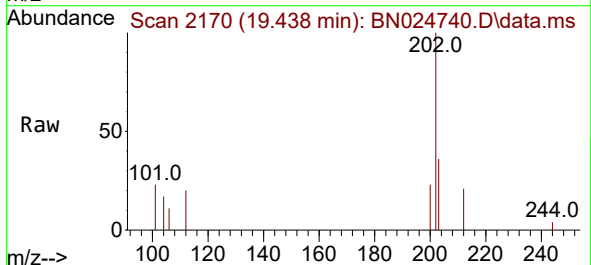
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323

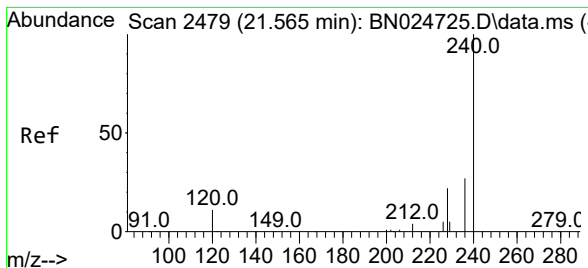
Tgt Ion:212 Resp: 32311
Ion Ratio Lower Upper
212 100
106 16.5 13.0 19.4
104 10.0 7.4 11.0



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.438 min Scan# 2170
Delta R.T. 0.004 min
Lab File: BN024740.D
Acq: 03 Apr 2023 21:38

Tgt Ion:202 Resp: 2032
Ion Ratio Lower Upper
202 100
101 22.9 10.1 15.1#
203 27.2 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: BN024740.D

Acq: 03 Apr 2023 21:38

Instrument :

BNA_N

ClientSampleId :

GWCB-05-40-45-032323

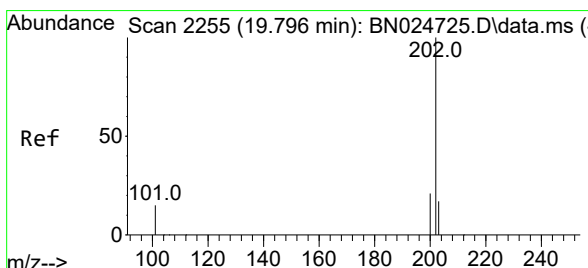
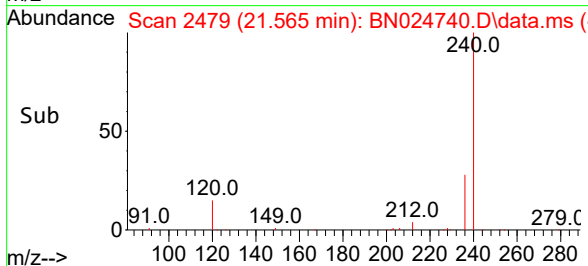
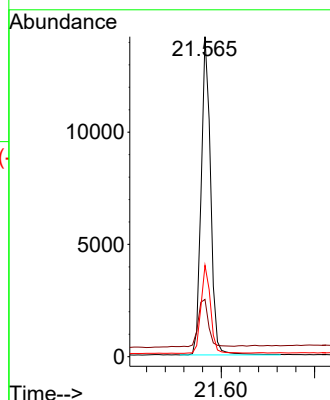
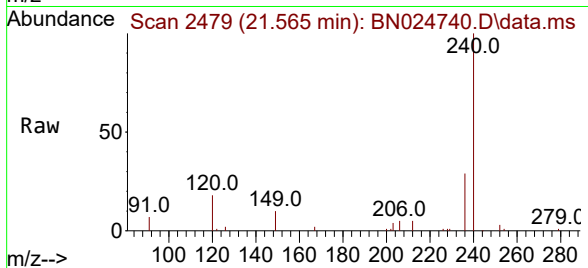
Tgt Ion:240 Resp: 19967

Ion Ratio Lower Upper

240 100

120 17.9 10.6 16.0#

236 28.6 22.3 33.5



#30

Pyrene

Concen: 0.022 ng

RT: 19.800 min Scan# 2256

Delta R.T. 0.004 min

Lab File: BN024740.D

Acq: 03 Apr 2023 21:38

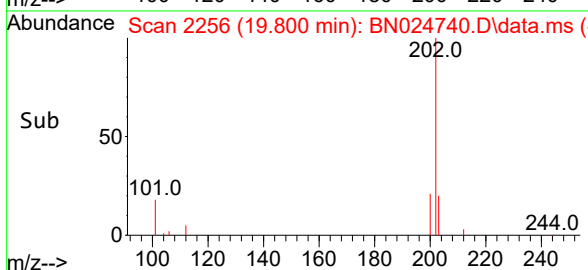
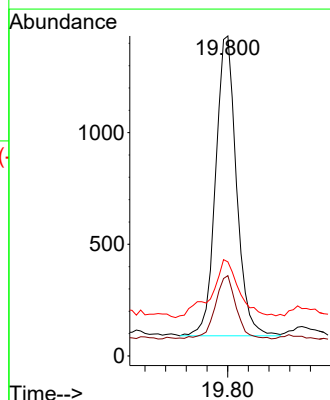
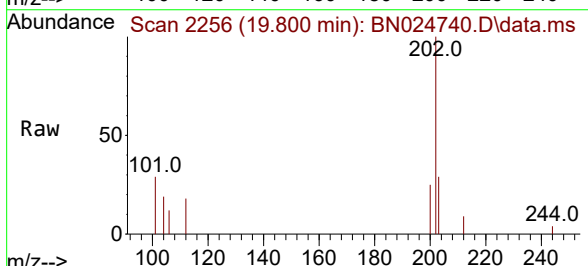
Tgt Ion:202 Resp: 1879

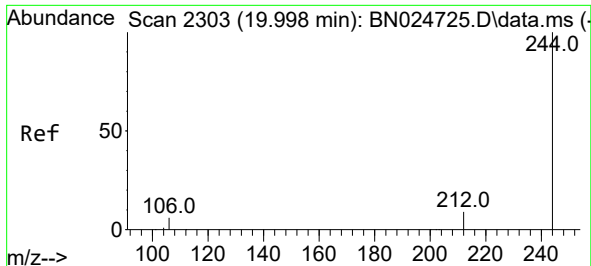
Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

203 25.9 14.2 21.2#

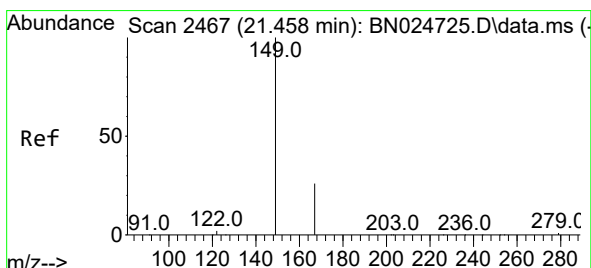
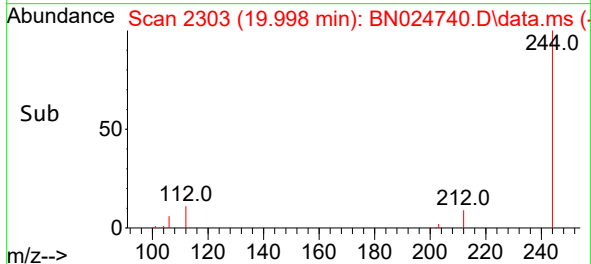
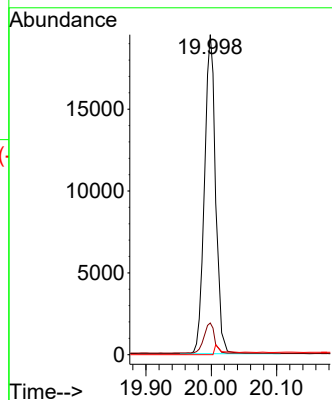
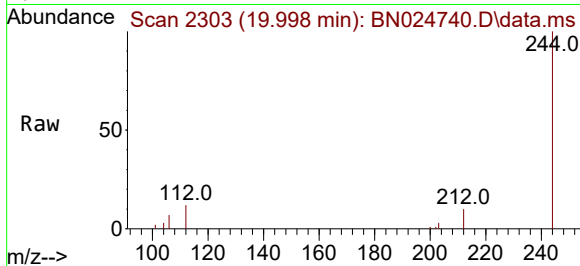




#31
 Terphenyl-d14
 Concen: 0.558 ng
 RT: 19.998 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024740.D
 Acq: 03 Apr 2023 21:38

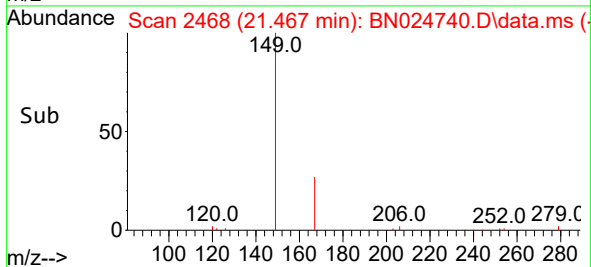
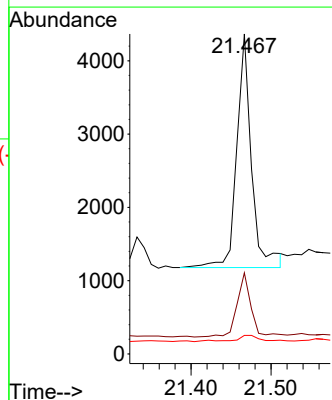
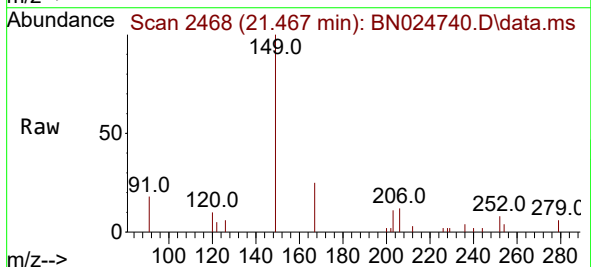
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323

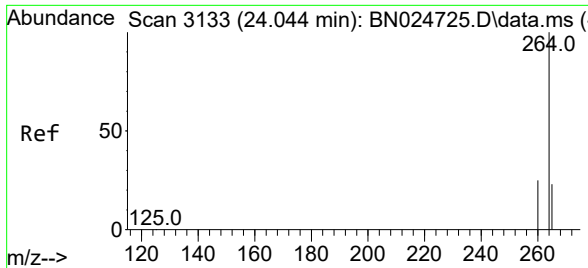
Tgt Ion:244 Resp: 32179
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.4 11.0
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.142 ng
 RT: 21.467 min Scan# 2468
 Delta R.T. 0.009 min
 Lab File: BN024740.D
 Acq: 03 Apr 2023 21:38

Tgt Ion:149 Resp: 4083
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.6
 279 2.9 2.8 4.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.053 min Scan# 31

Delta R.T. 0.009 min

Lab File: BN024740.D

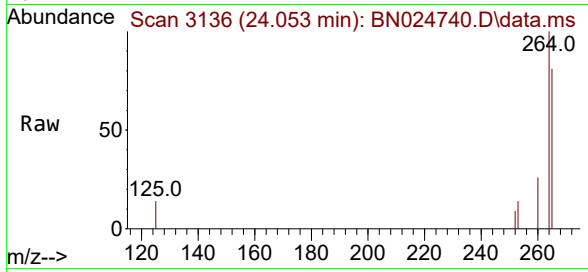
Acq: 03 Apr 2023 21:38

Instrument :

BNA_N

ClientSampleId :

GWCB-05-40-45-032323



Tgt Ion:264 Resp: 15213

Ion Ratio Lower Upper

264 100

260 26.2 20.6 31.0

265 80.9 62.5 93.7

