

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042823\
 Data File : BN025185.D
 Acq On : 28 Apr 2023 11:20
 Operator : CG/JU
 Sample : 02520-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-06B-40-45-042623-FD

Quant Time: Apr 28 11:51:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 11:24:46 2023
 Response via : Initial Calibration

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

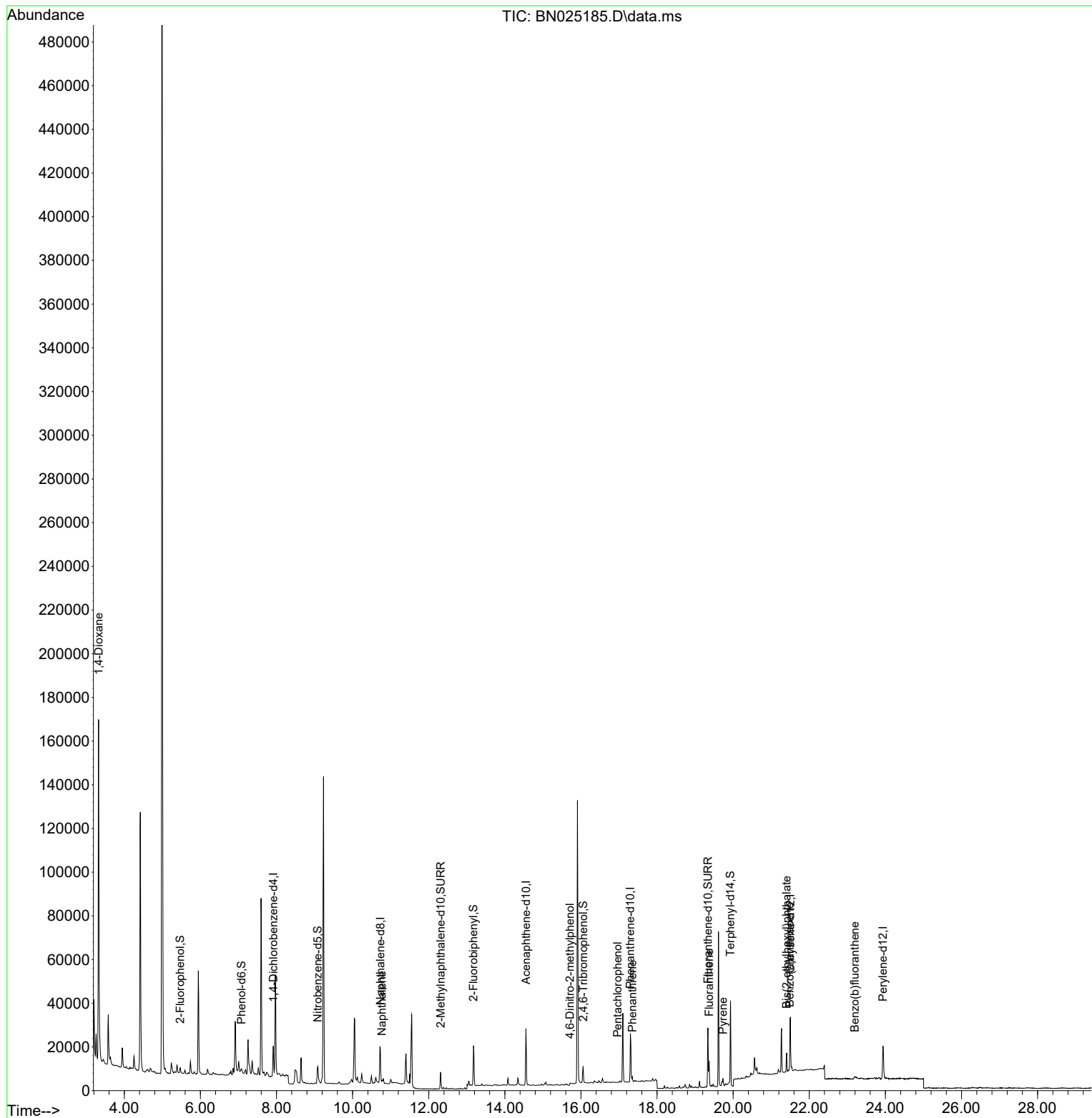
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	6795	0.400	ng	0.00
7) Naphthalene-d8	10.728	136	22439	0.400	ng	0.01
13) Acenaphthene-d10	14.555	164	14045	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	31148	0.400	ng	0.00
29) Chrysene-d12	21.504	240	23540	0.400	ng	0.00
35) Perylene-d12	23.937	264	20123	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	1356	0.086	ng	0.00
5) Phenol-d6	7.080	99	976	0.049	ng	0.00
8) Nitrobenzene-d5	9.084	82	5545	0.307	ng	0.01
11) 2-Methylnaphthalene-d10	12.313	152	10195	0.343	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	1686	0.267	ng	0.01
15) 2-Fluorobiphenyl	13.176	172	15942	0.297	ng	0.00
27) Fluoranthene-d10	19.338	212	28797	0.408	ng	0.00
31) Terphenyl-d14	19.928	244	26025	0.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	87705	11.746	ng	98
9) Naphthalene	10.771	128	1625	0.028	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.709	198	21	0.178	ng	# 1
24) Pentachlorophenol	16.963	266	94	0.229	ng	# 84
25) Phenanthrene	17.348	178	2450	0.027	ng	# 92
28) Fluoranthene	19.367	202	3359	0.033	ng	# 1
30) Pyrene	19.730	202	2973	0.036	ng	# 80
32) Benzo(a)anthracene	21.486	228	1608	0.020	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.405	149	8446	0.198	ng	# 100
37) Benzo(b)fluoranthene	23.198	252	1622	0.021	ng	# 1

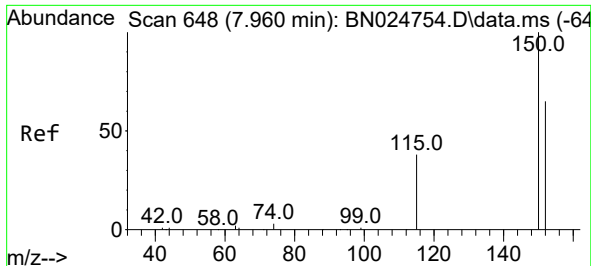
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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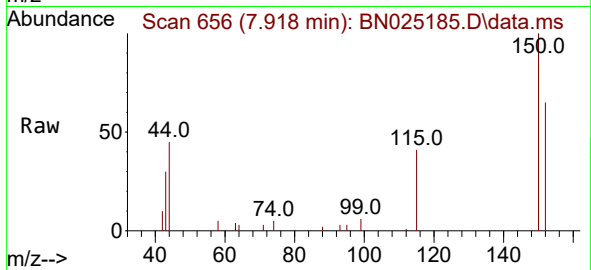
Quant Time: Apr 28 11:51:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
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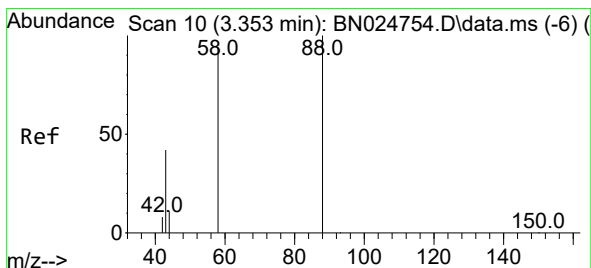
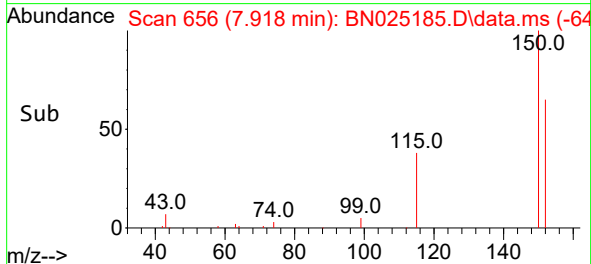
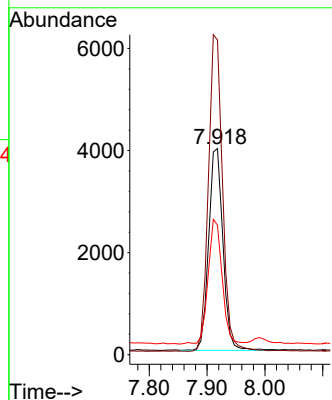


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.918 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN025185.D
 Acq: 28 Apr 2023 11:20

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-06B-40-45-042623-FD

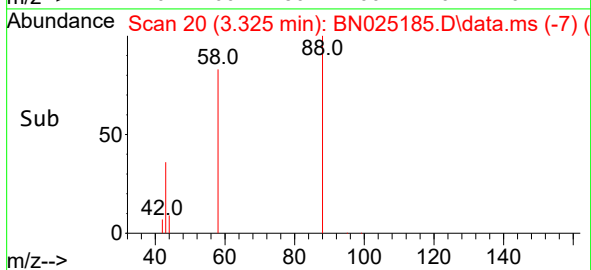
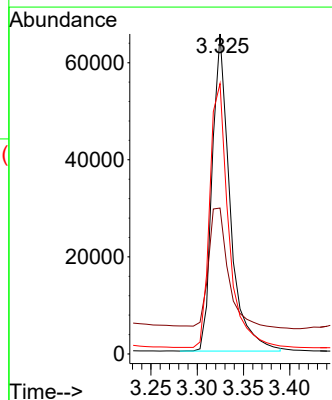
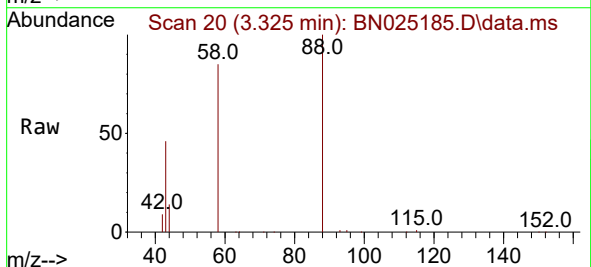


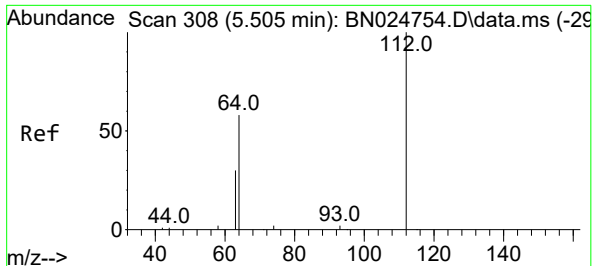
Tgt Ion: 152 Resp: 6795
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.8 182.8
 115 62.8 48.3 72.5



#2
 1,4-Dioxane
 Concen: 11.746 ng
 RT: 3.325 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN025185.D
 Acq: 28 Apr 2023 11:20

Tgt Ion: 88 Resp: 87705
 Ion Ratio Lower Upper
 88 100
 43 42.1 35.2 52.8
 58 87.9 71.4 107.2

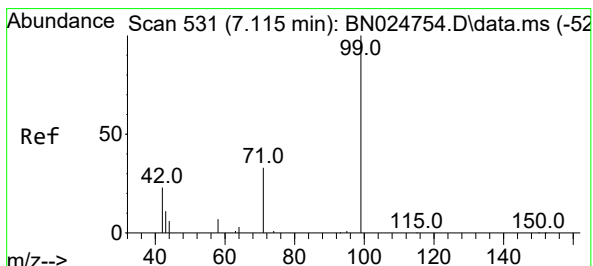
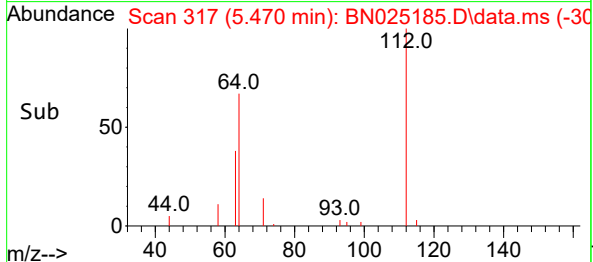
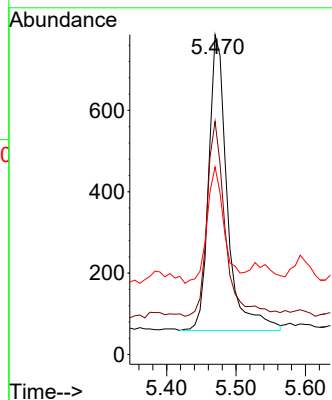
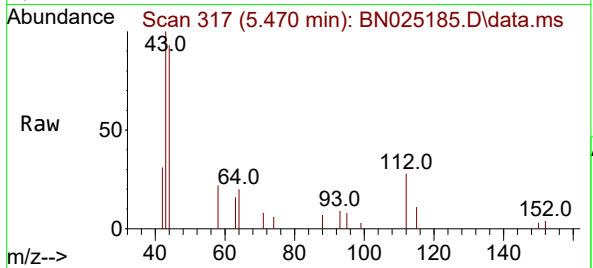




#4
2-Fluorophenol
Concen: 0.086 ng
RT: 5.470 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

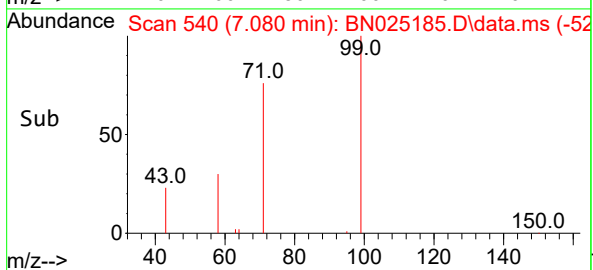
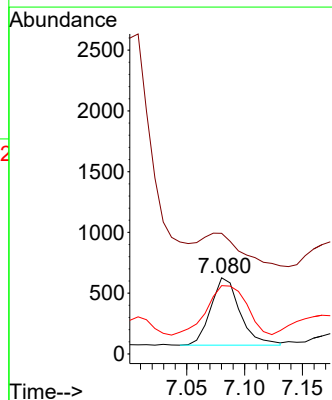
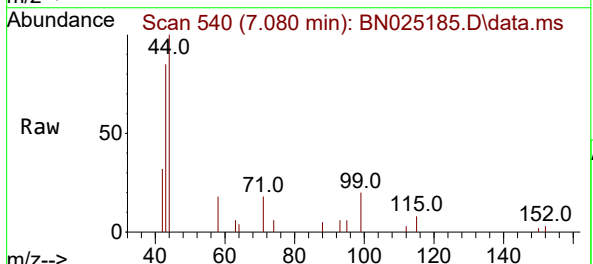
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

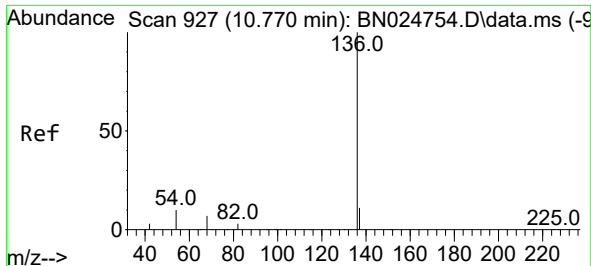
Tgt Ion:112 Resp: 1356
Ion Ratio Lower Upper
112 100
64 64.6 52.5 78.7
63 35.8 27.9 41.9



#5
Phenol-d6
Concen: 0.049 ng
RT: 7.080 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion: 99 Resp: 976
Ion Ratio Lower Upper
99 100
42 60.6 22.8 34.2#
71 99.3 28.2 42.2#

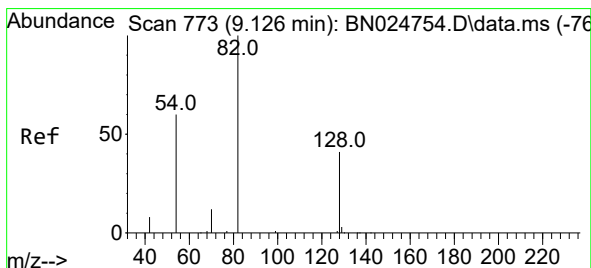
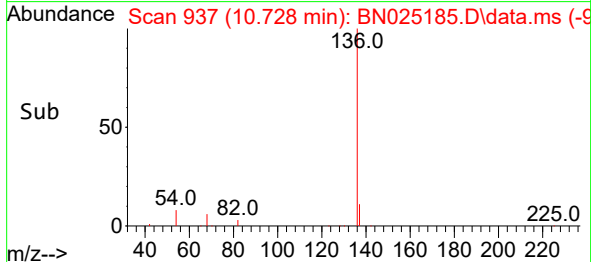
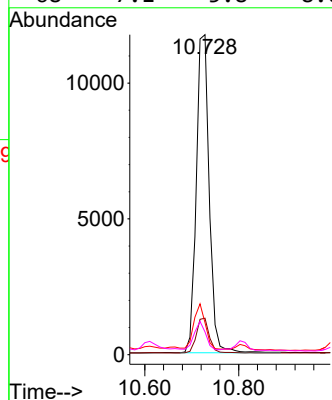
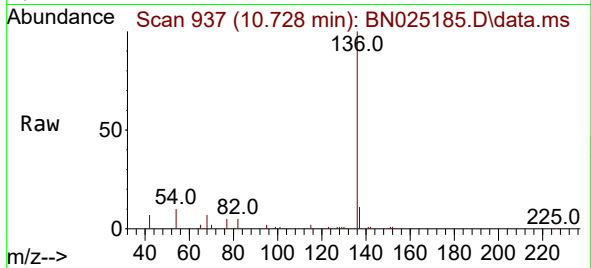




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.728 min Scan# 91
Delta R.T. 0.010 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

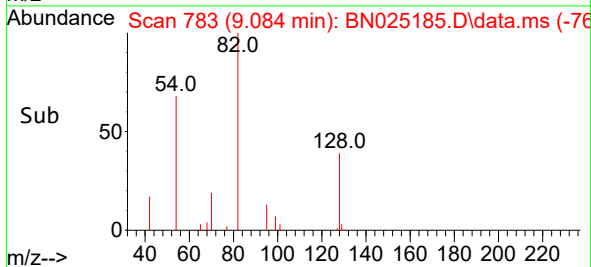
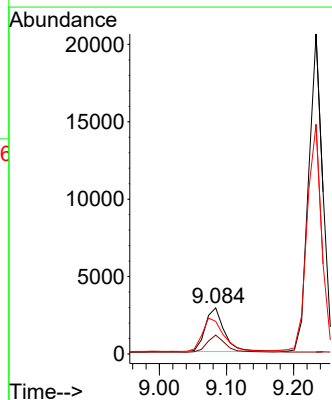
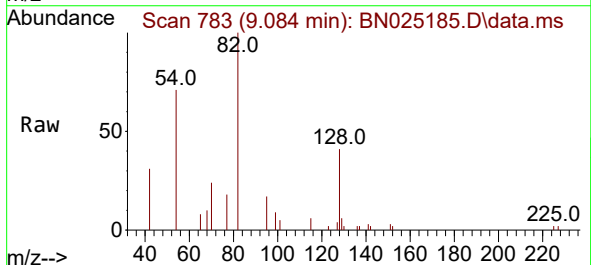
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

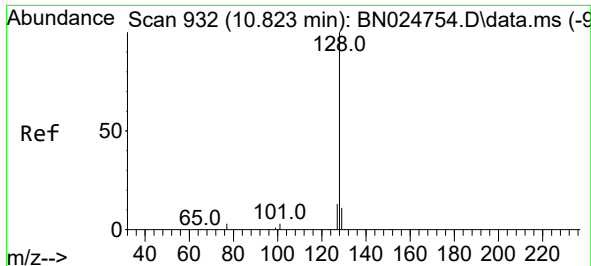
Tgt Ion:	136	Resp:	22439
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	10.0	8.2	12.4
68	7.1	5.8	8.6



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 9.084 min Scan# 783
Delta R.T. 0.010 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:	82	Resp:	5545
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.8	50.6
54	70.6	49.4	74.0

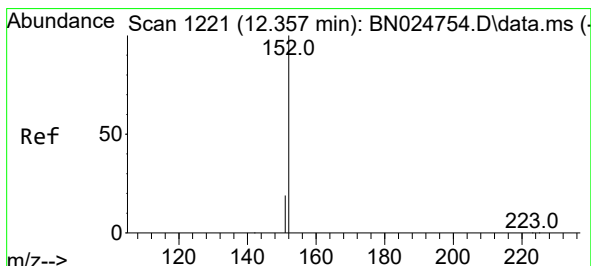
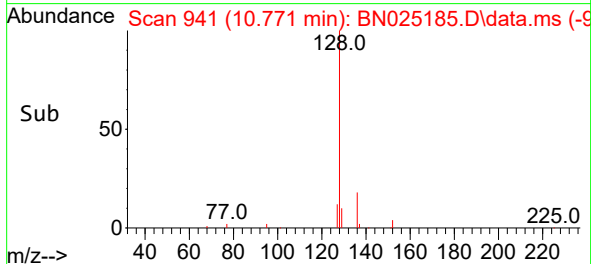
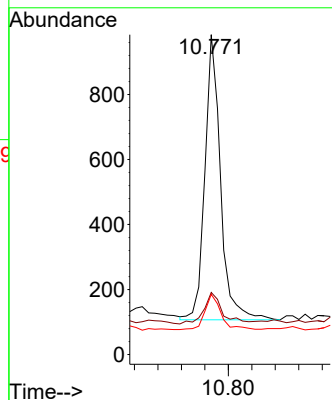
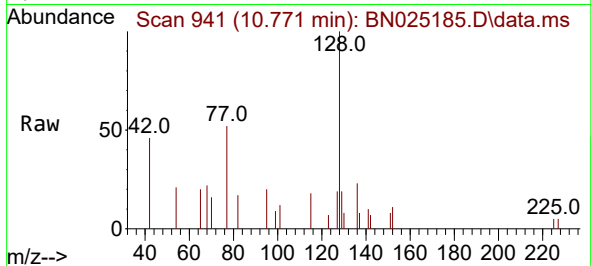




#9
Naphthalene
Concen: 0.028 ng
RT: 10.771 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

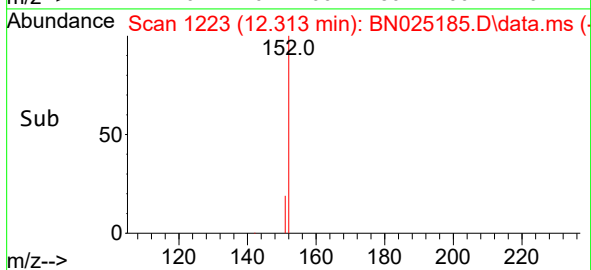
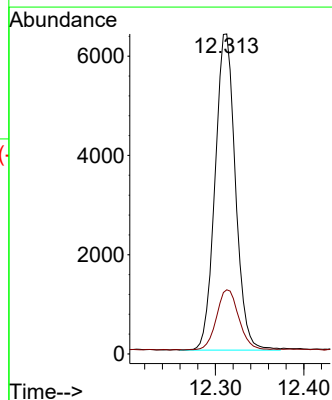
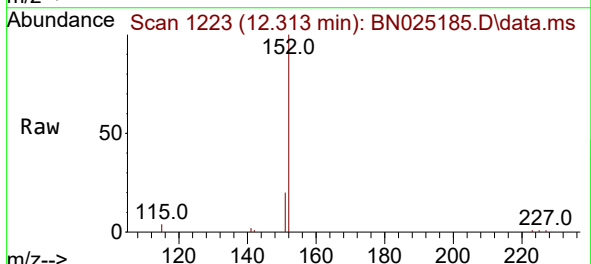
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

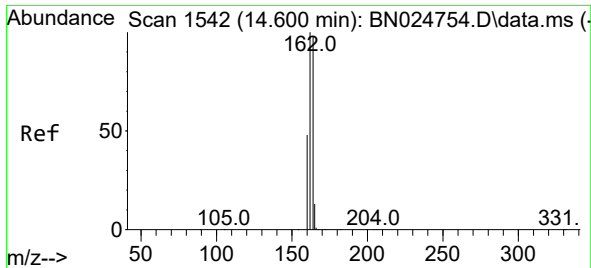
Tgt Ion:128 Resp: 1625
Ion Ratio Lower Upper
128 100
129 19.4 9.0 13.4#
127 18.8 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.313 min Scan# 1223
Delta R.T. 0.004 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:152 Resp: 10195
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0

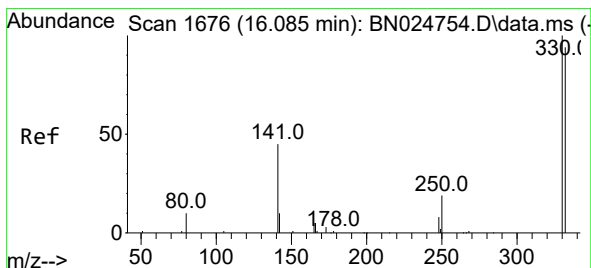
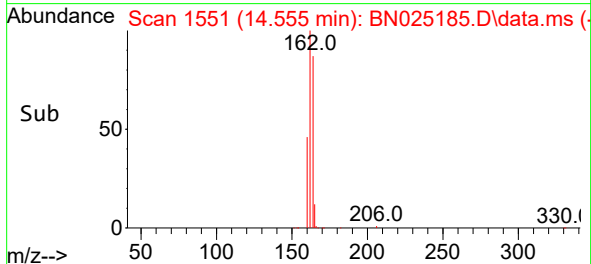
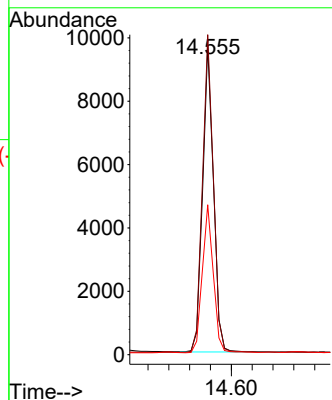
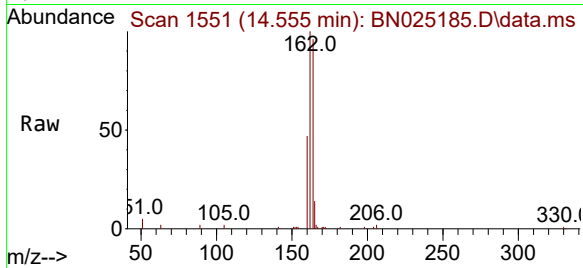




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

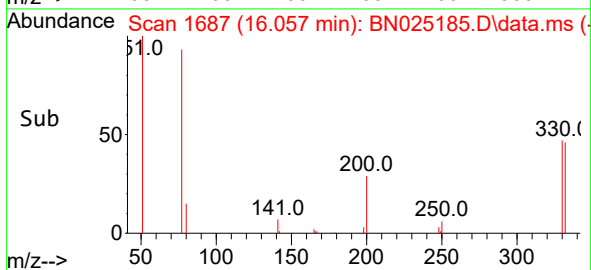
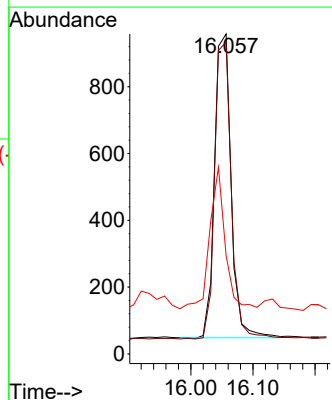
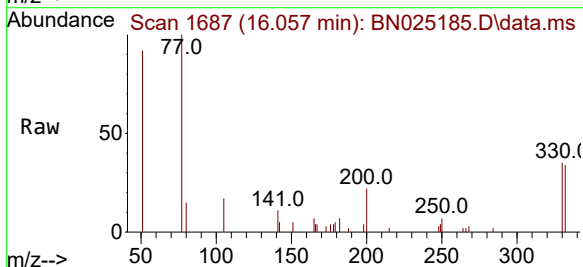
Instrument :
BNA_N
ClientSampleId :
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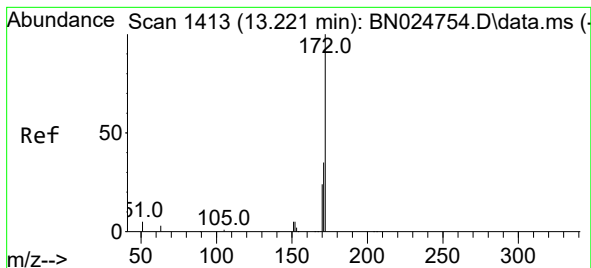
Tgt Ion:164 Resp: 14045
Ion Ratio Lower Upper
164 100
162 103.7 81.9 122.9
160 48.6 39.2 58.8



#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.012 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:330 Resp: 1686
Ion Ratio Lower Upper
330 100
332 97.9 77.9 116.9
141 42.8 31.0 46.6

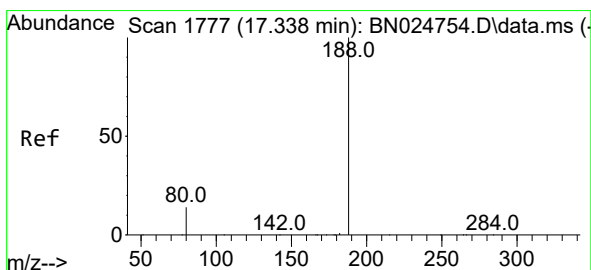
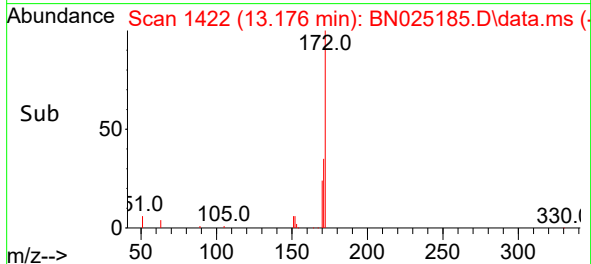
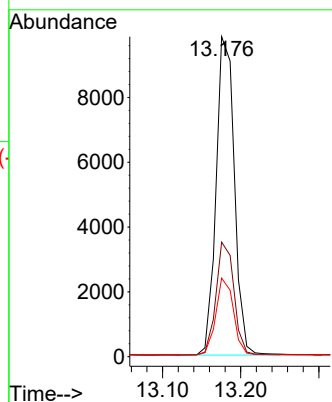
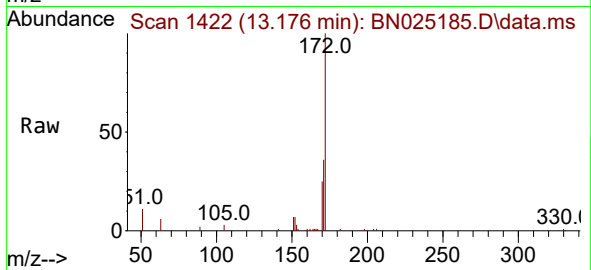




#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.176 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

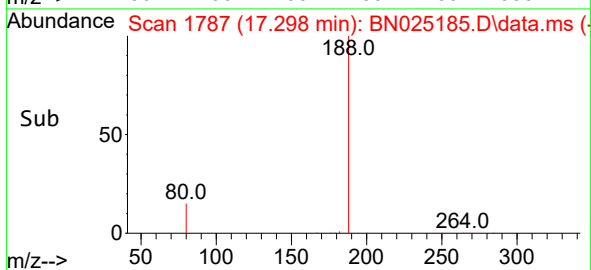
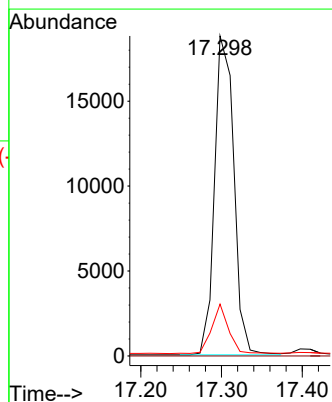
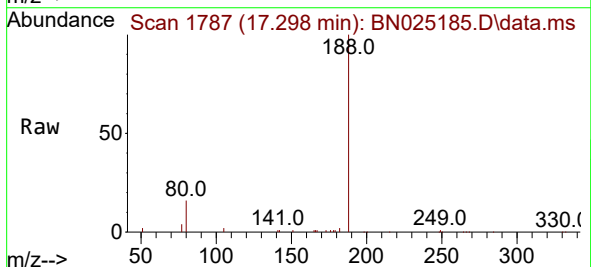
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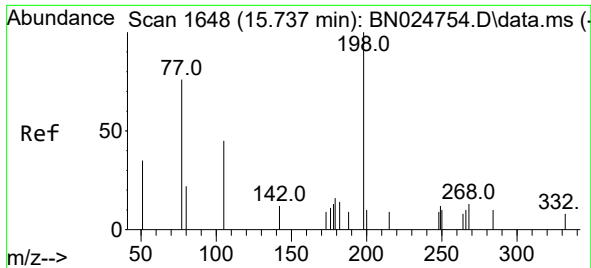
Tgt Ion:172 Resp: 15942
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.6 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:188 Resp: 31148
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 11.3 16.9

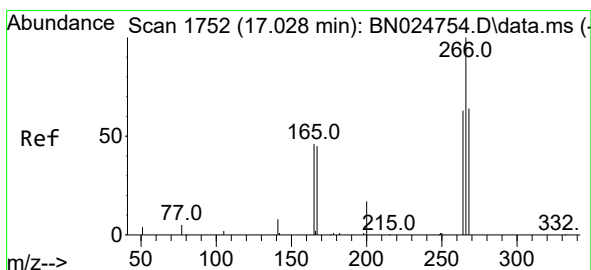
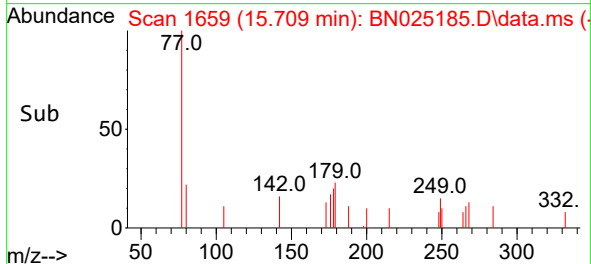
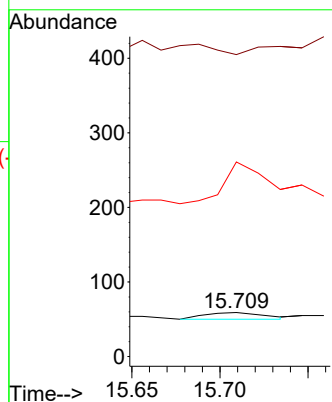
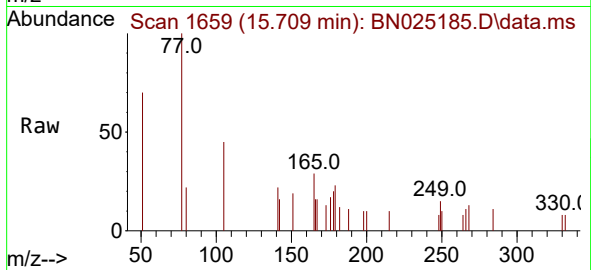




#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.709 min Scan# 1659
Delta R.T. 0.010 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

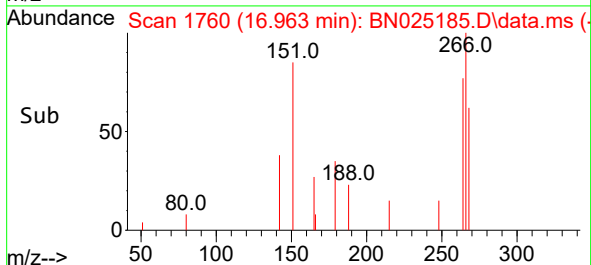
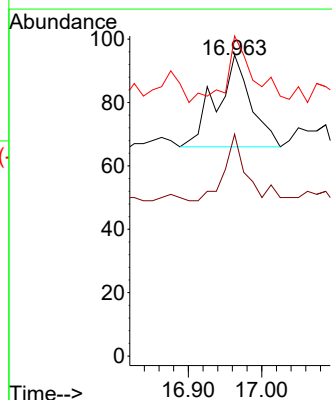
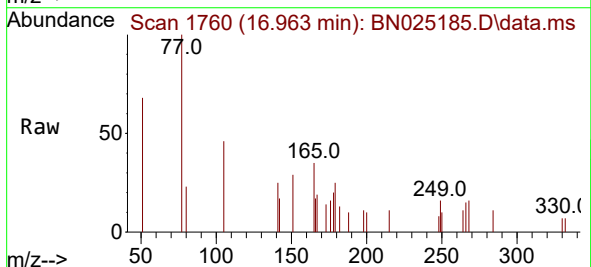
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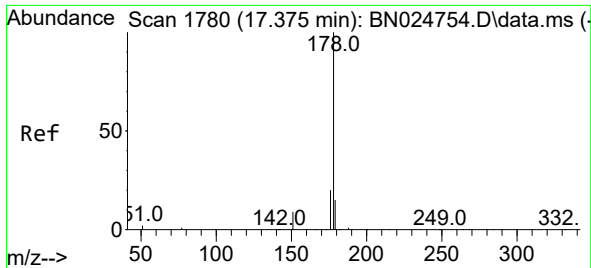
Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
51 686.4 99.8 149.8#
105 442.4 49.4 74.0#



#24
Pentachlorophenol
Concen: 0.229 ng
RT: 16.963 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:266 Resp: 94
Ion Ratio Lower Upper
266 100
264 47.9 46.1 69.1
268 44.7 46.7 70.1#

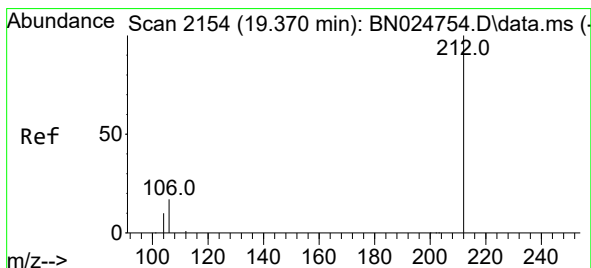
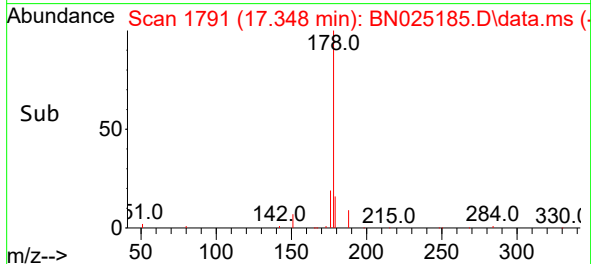
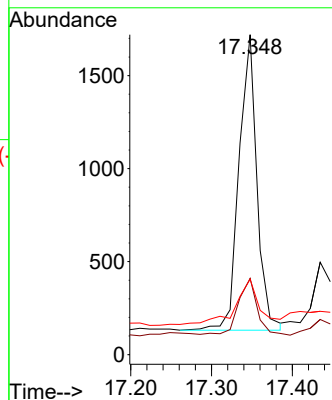
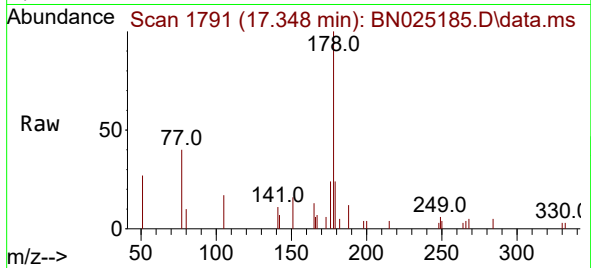




#25
Phenanthrene
Concen: 0.027 ng
RT: 17.348 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

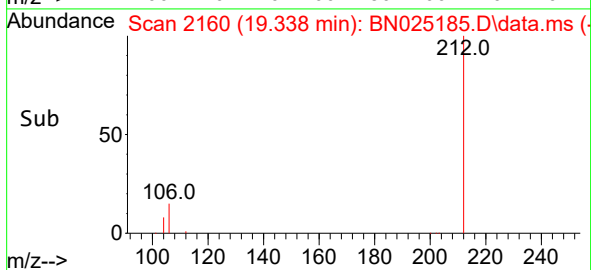
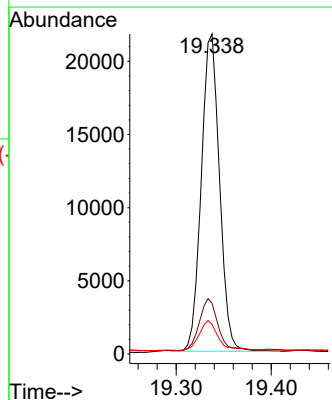
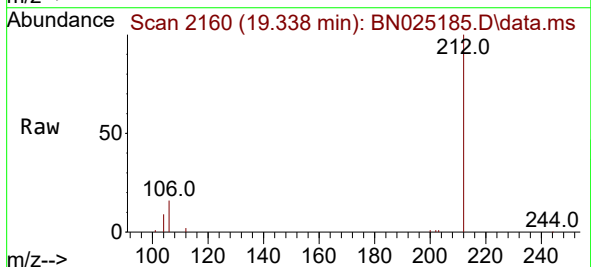
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

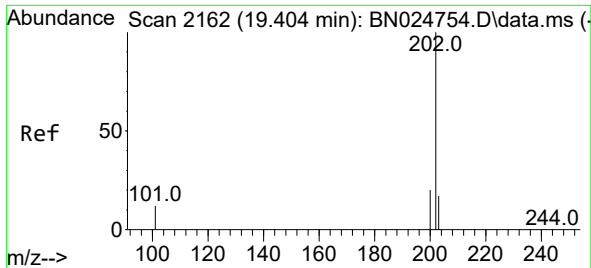
Tgt Ion:178 Resp: 2450
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 21.4 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.338 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:212 Resp: 28797
Ion Ratio Lower Upper
212 100
106 16.8 13.2 19.8
104 10.0 7.6 11.4

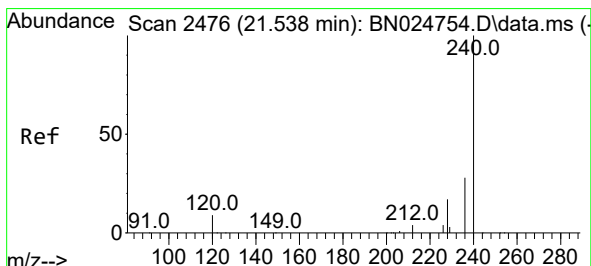
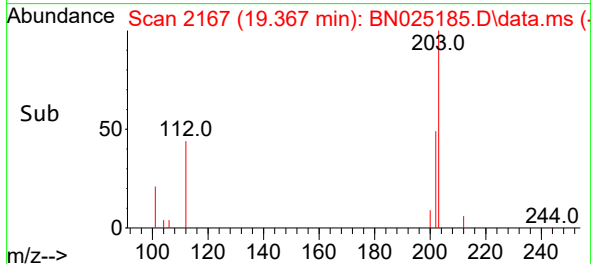
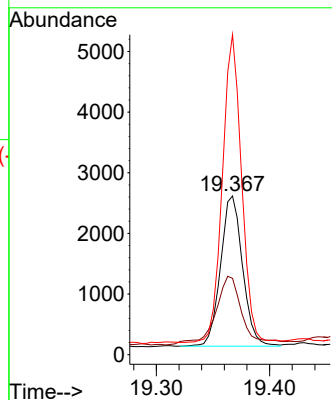
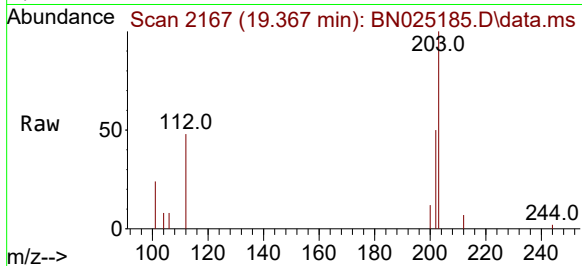




#28
Fluoranthene
Concen: 0.033 ng
RT: 19.367 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

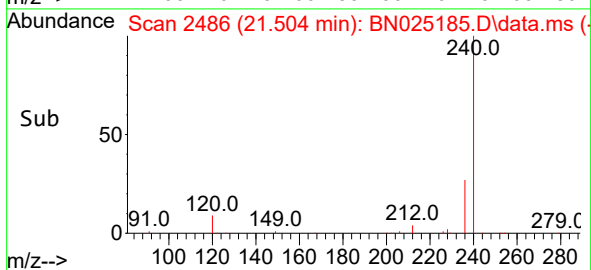
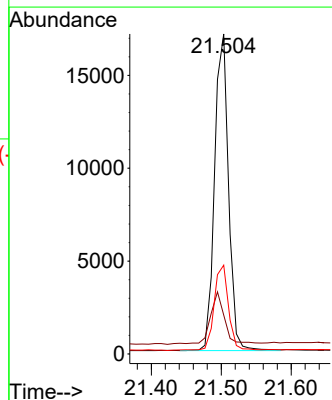
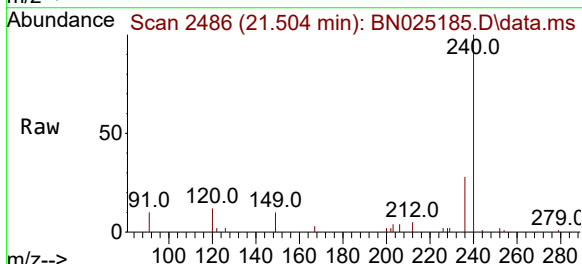
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

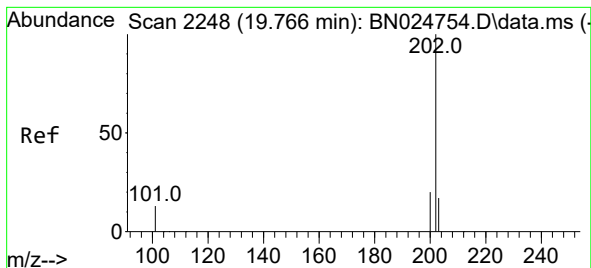
Tgt Ion:202 Resp: 3359
Ion Ratio Lower Upper
202 100
101 55.1 10.2 15.4#
203 177.5 13.4 20.2#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.504 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:240 Resp: 23540
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 27.8 22.6 34.0





#30

Pyrene

Concen: 0.036 ng

RT: 19.730 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN025185.D

Acq: 28 Apr 2023 11:20

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623-FD

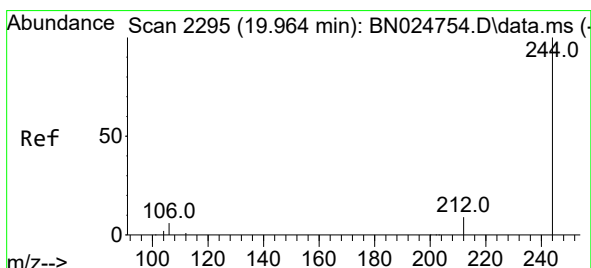
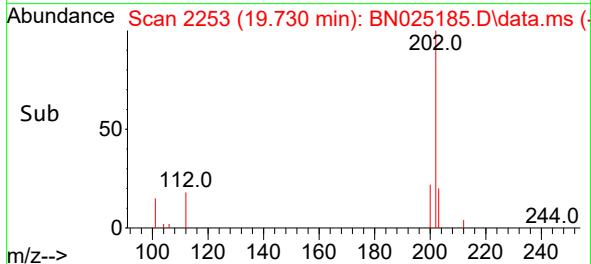
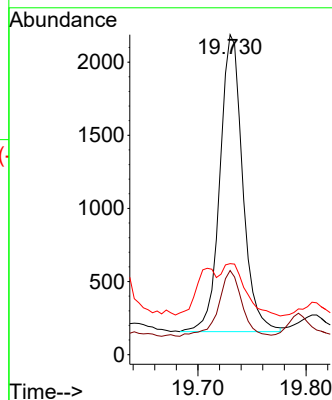
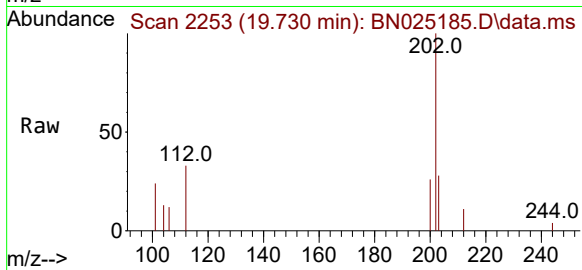
Tgt Ion:202 Resp: 2973

Ion Ratio Lower Upper

202 100

200 22.5 16.7 25.1

203 0.0 14.2 21.4#



#31

Terphenyl-d14

Concen: 0.488 ng

RT: 19.928 min Scan# 2300

Delta R.T. -0.004 min

Lab File: BN025185.D

Acq: 28 Apr 2023 11:20

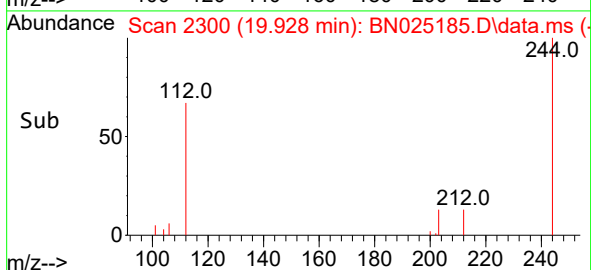
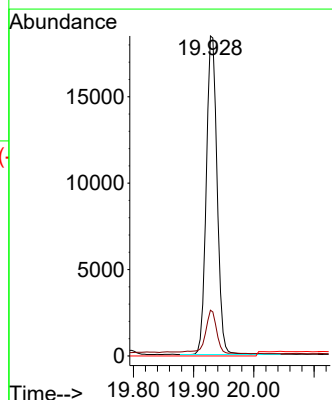
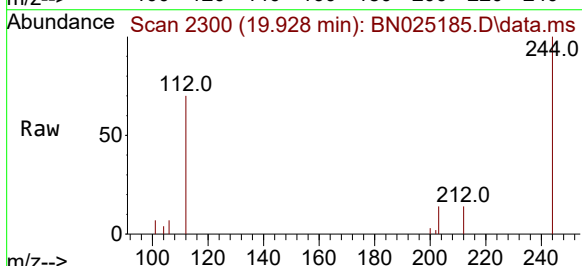
Tgt Ion:244 Resp: 26025

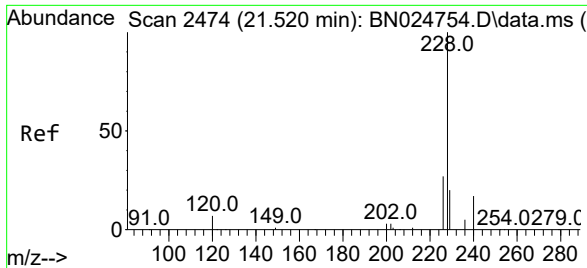
Ion Ratio Lower Upper

244 100

212 14.3 7.4 11.0#

122 0.0 0.0 0.0

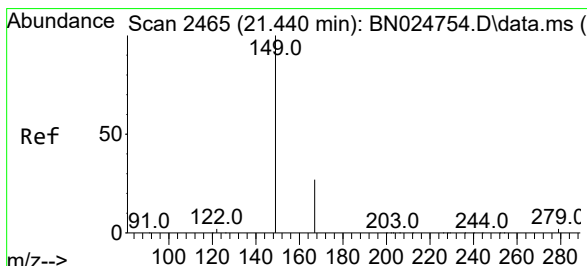
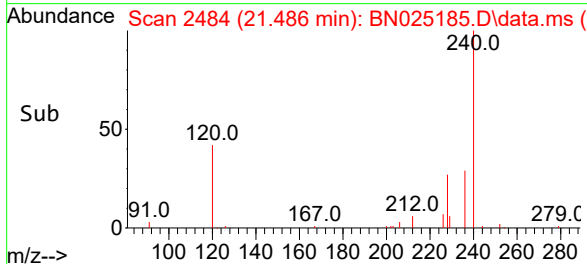
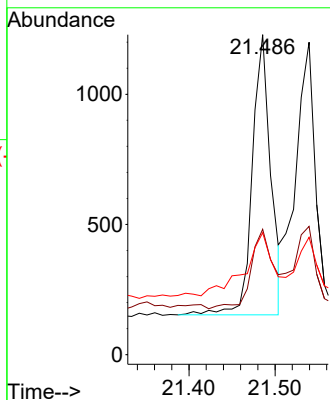
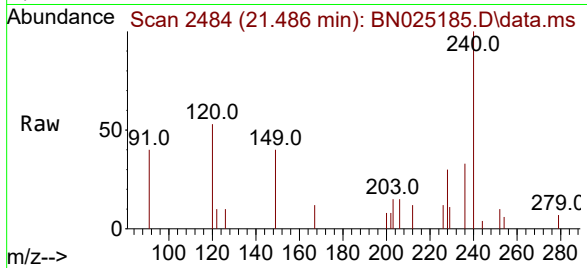




#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.486 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

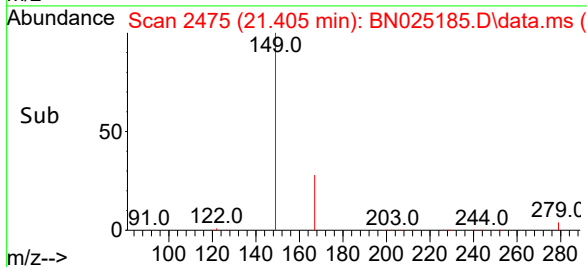
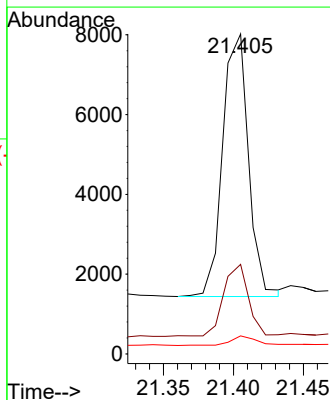
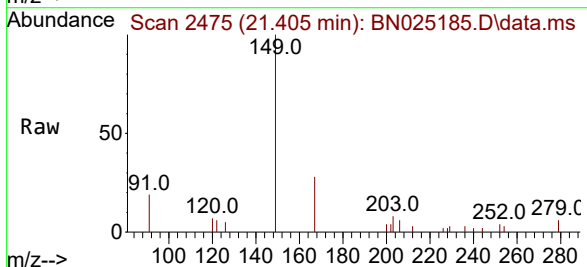
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

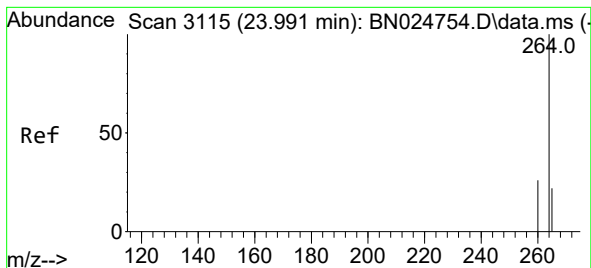
Tgt Ion:228 Resp: 1608
Ion Ratio Lower Upper
228 100
226 39.2 21.5 32.3#
229 38.1 16.0 24.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.198 ng
RT: 21.405 min Scan# 2475
Delta R.T. -0.000 min
Lab File: BN025185.D
Acq: 28 Apr 2023 11:20

Tgt Ion:149 Resp: 8446
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.2 2.6 4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.937 min Scan# 3115

Delta R.T. 0.009 min

Lab File: BN025185.D

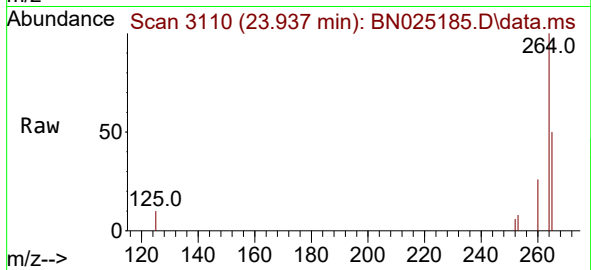
Acq: 28 Apr 2023 11:20

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623-FD



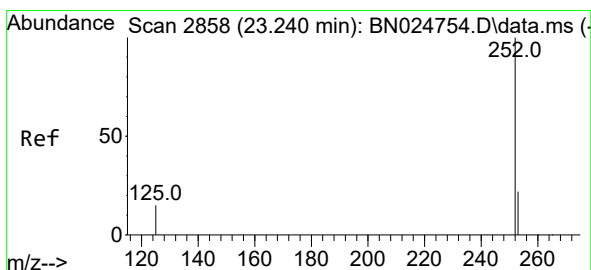
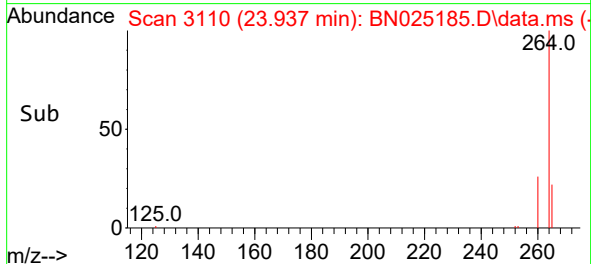
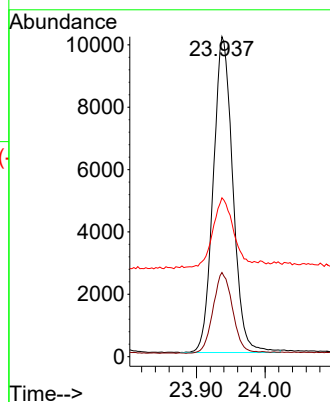
Tgt Ion:264 Resp: 20123

Ion Ratio Lower Upper

264 100

260 26.3 20.8 31.2

265 49.7 46.5 69.7



#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.198 min Scan# 2857

Delta R.T. 0.009 min

Lab File: BN025185.D

Acq: 28 Apr 2023 11:20

Tgt Ion:252 Resp: 1622

Ion Ratio Lower Upper

252 100

253 78.4 20.0 30.0#

125 92.0 14.6 21.8#

