

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
 Data File : BN024100.D
 Acq On : 23 Feb 2023 14:53
 Operator : CG/JU
 Sample : 01613-04RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-908-910RE

Quant Time: Feb 24 02:18:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 03:52:37 2023
 Response via : Initial Calibration

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

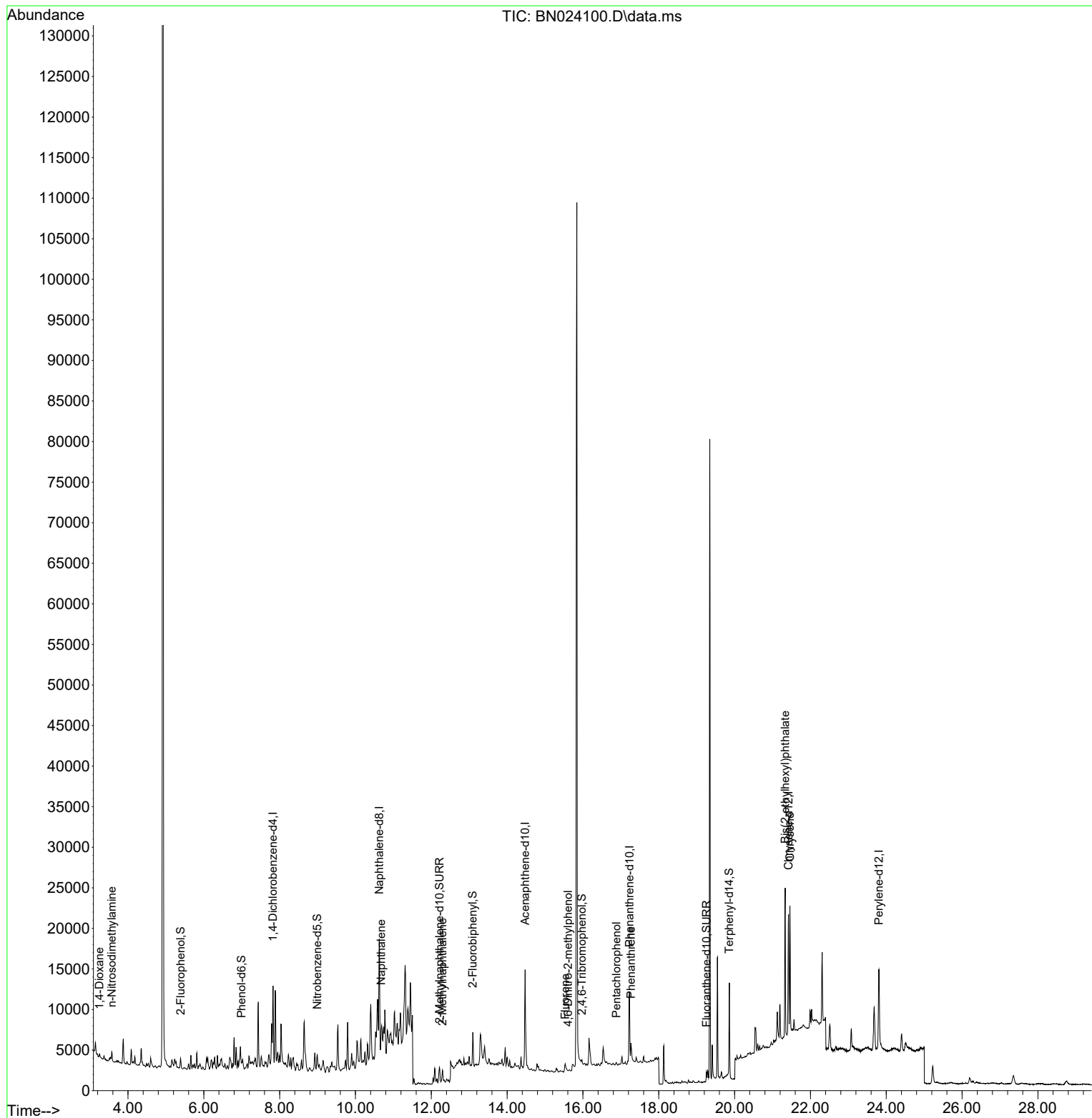
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4628	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	11009	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	6243	0.400	ng	0.00
19) Phenanthrene-d10	17.228	188	13172	0.400	ng	0.00
29) Chrysene-d12	21.423	240	13625	0.400	ng	# 0.00
35) Perylene-d12	23.806	264	13143	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	720	0.075	ng	0.00
5) Phenol-d6	6.995	99	667	0.059	ng	0.00
8) Nitrobenzene-d5	8.993	82	1603	0.181	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	2277	0.149	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	279	0.087	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	3417	0.138	ng	-0.01
27) Fluoranthene-d10	19.258	212	1314	0.041	ng	0.00
31) Terphenyl-d14	19.856	244	2962	0.116	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	181	0.041	ng	# 1
3) n-Nitrosodimethylamine	3.571	42	141	0.029	ng	# 1
9) Naphthalene	10.680	128	6867	0.250	ng	# 93
12) 2-Methylnaphthalene	12.295	142	715	0.039	ng	# 81
18) Fluorene	15.532	166	1636	0.073	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.607	198	10	0.196	ng	# 1
24) Pentachlorophenol	16.881	266	236	0.215	ng	90
25) Phenanthrene	17.265	178	4456	0.123	ng	97
33) Chrysene	21.459	228	1274	0.027	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.334	149	17123	0.859	ng	99

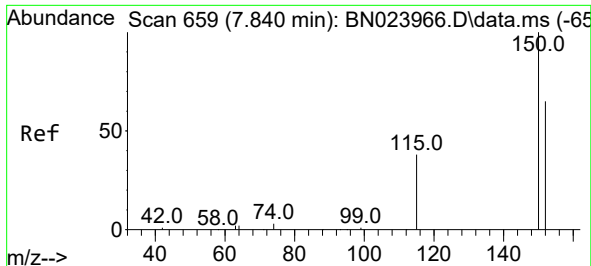
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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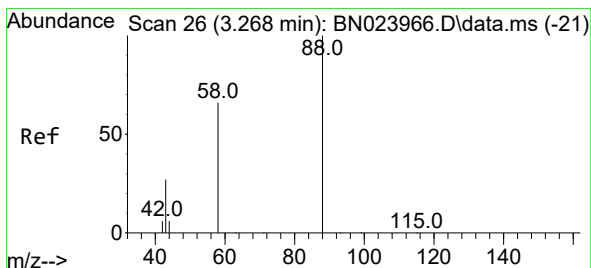
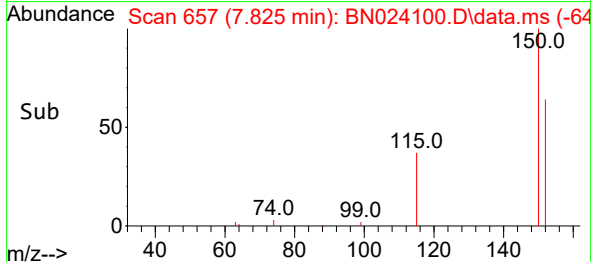
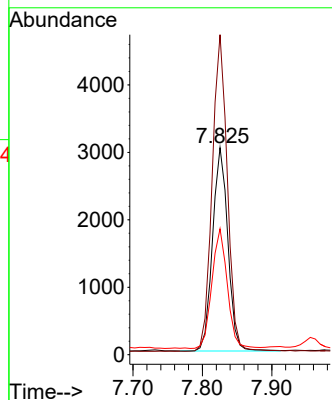
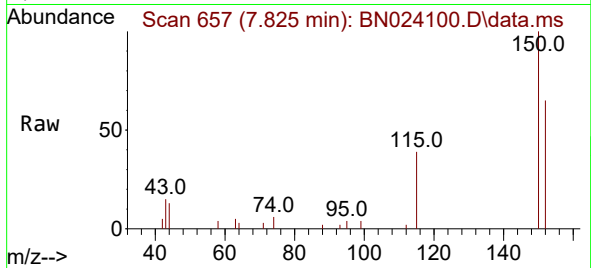




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024100.D
 Acq: 23 Feb 2023 14:53

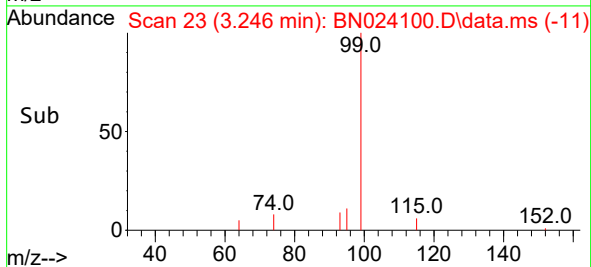
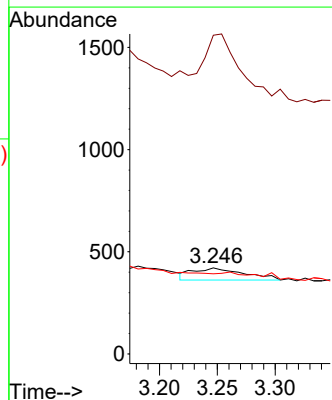
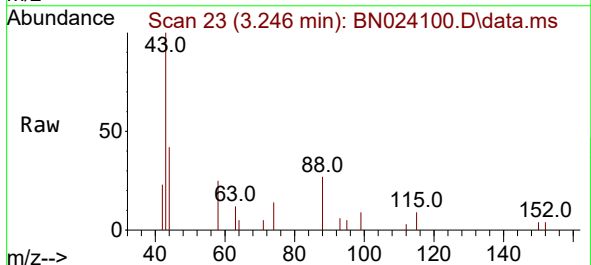
Instrument :
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 ClientSampleId :
 BP-VPB-RW10-GW-908-910RE

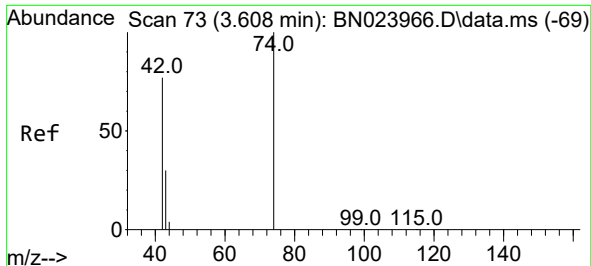
Tgt Ion:152 Resp: 4628
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.8 182.6
 115 60.8 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.246 min Scan# 23
 Delta R.T. -0.015 min
 Lab File: BN024100.D
 Acq: 23 Feb 2023 14:53

Tgt Ion: 88 Resp: 181
 Ion Ratio Lower Upper
 88 100
 43 390.6 23.7 35.5#
 58 0.0 53.4 80.2#

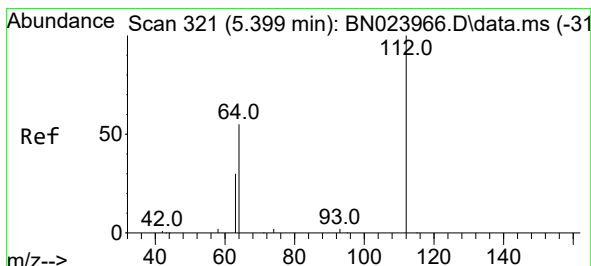
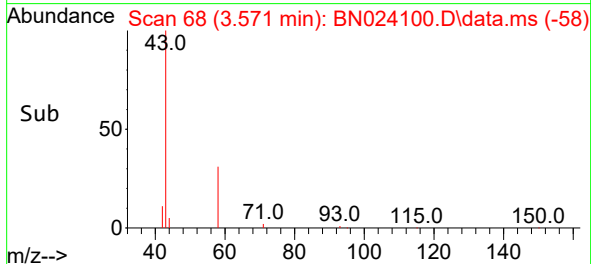
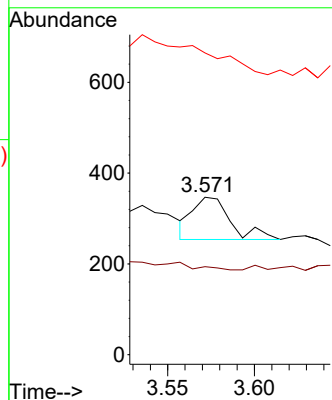
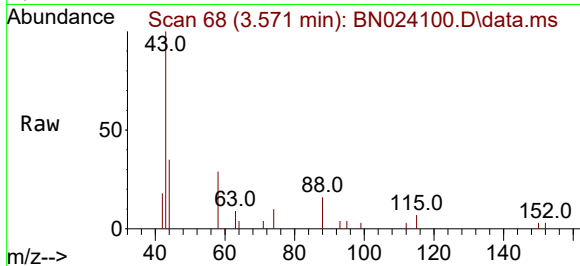




#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.571 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

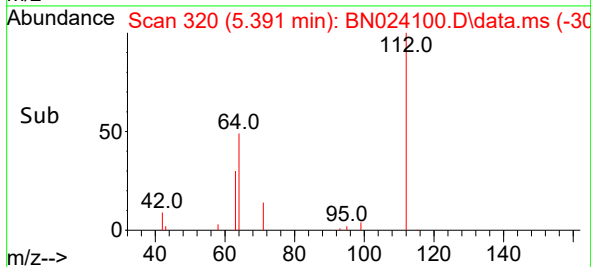
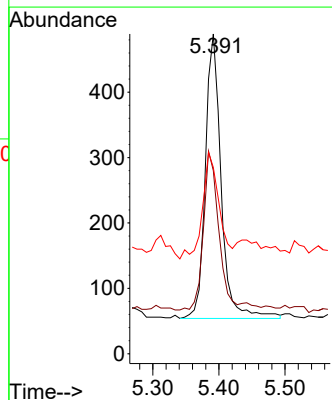
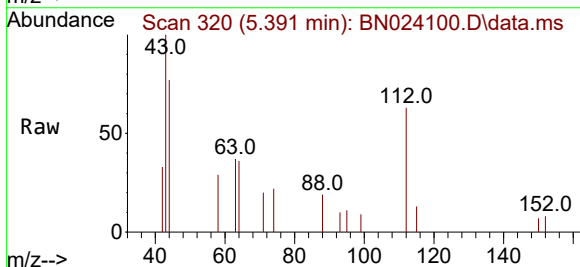
Instrument :
BNA_N
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BP-VPB-RW10-GW-908-910RE

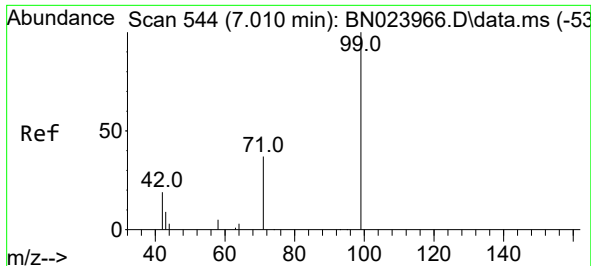
Tgt Ion: 42 Resp: 141
Ion Ratio Lower Upper
42 100
74 0.0 99.3 148.9#
44 0.0 4.2 6.4#



#4
2-Fluorophenol
Concen: 0.075 ng
RT: 5.391 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

Tgt Ion: 112 Resp: 720
Ion Ratio Lower Upper
112 100
64 55.6 44.8 67.2
63 38.8 25.1 37.7#

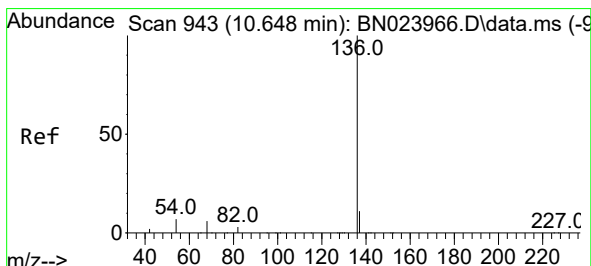
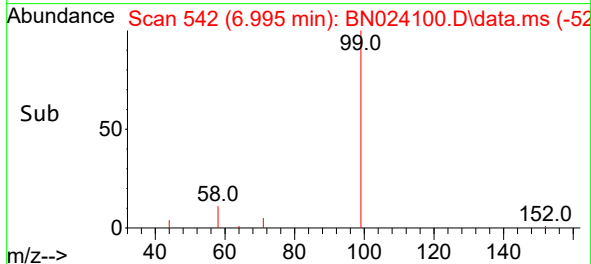
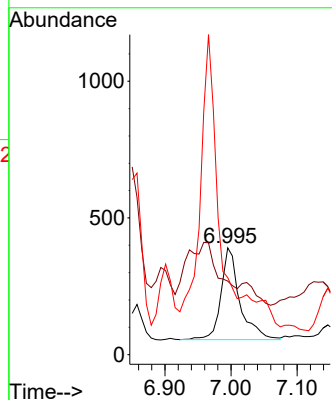
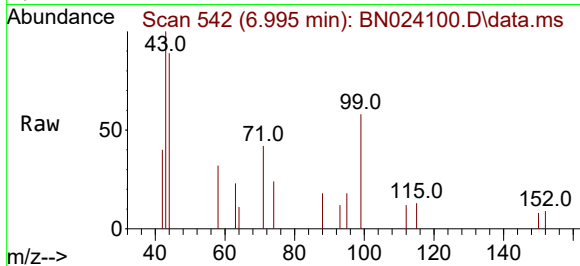




#5
Phenol-d6
Concen: 0.059 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

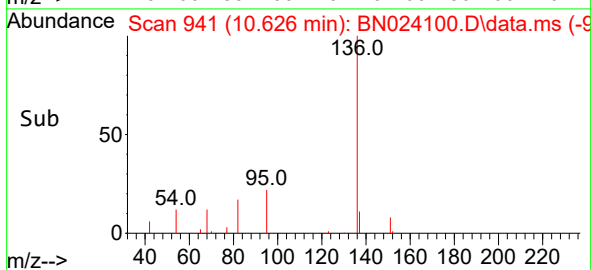
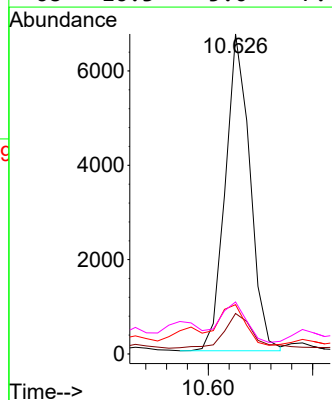
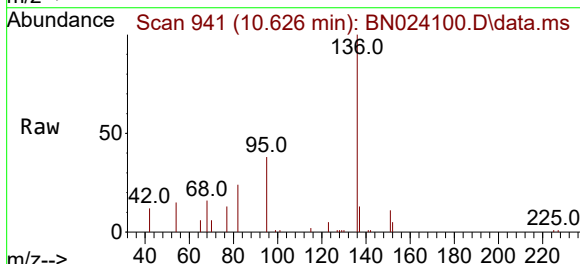
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

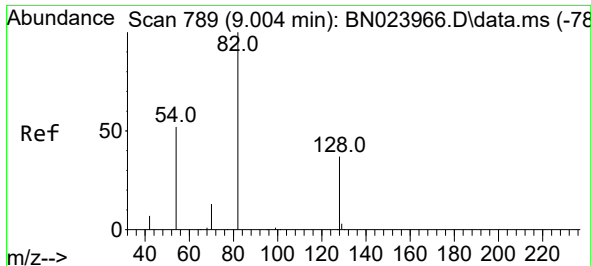
Tgt Ion: 99 Resp: 667
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 29.0 43.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

Tgt Ion: 136 Resp: 11009
Ion Ratio Lower Upper
136 100
137 12.6 9.1 13.7
54 15.4 5.8 8.8#
68 16.3 5.0 7.4#

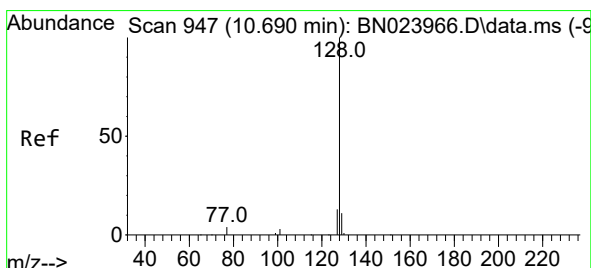
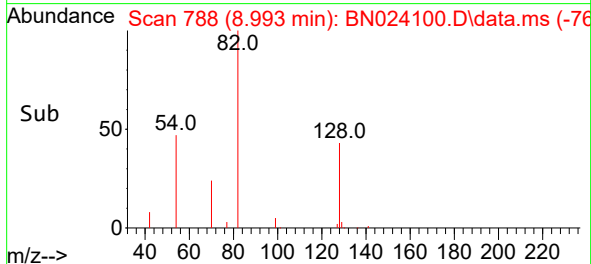
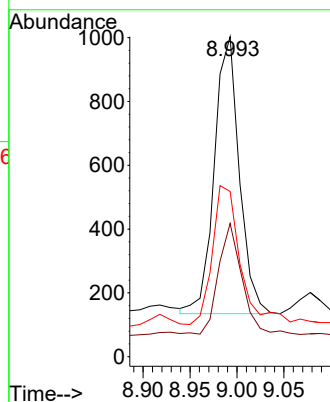
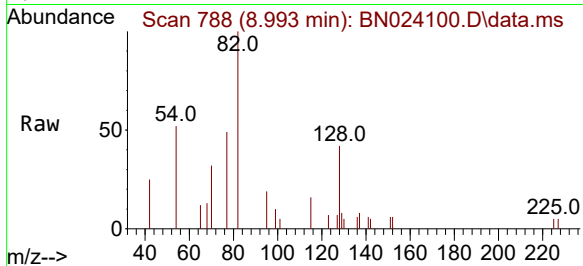




#8
Nitrobenzene-d5
Concen: 0.181 ng
RT: 8.993 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

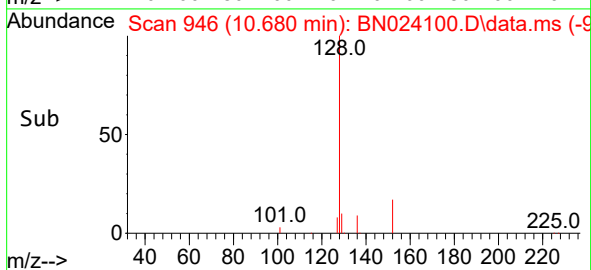
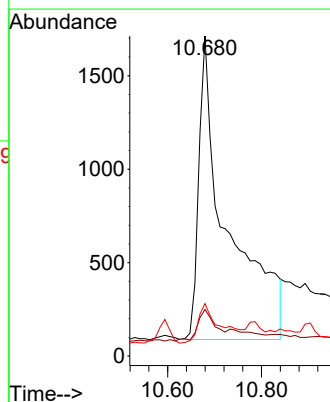
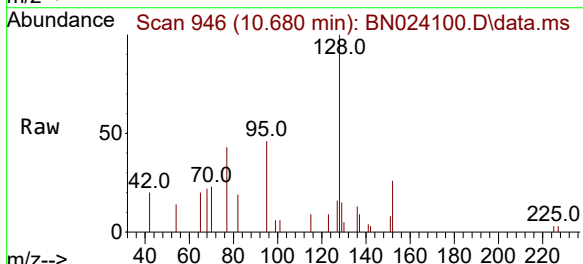
Instrument :
BNA_N
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BP-VPB-RW10-GW-908-910RE

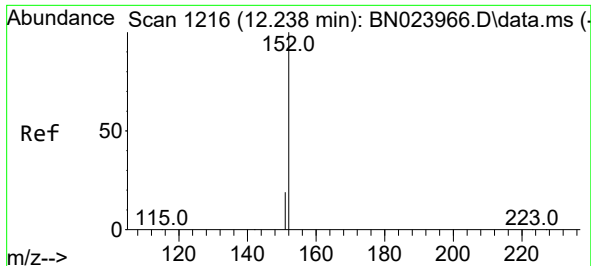
Tgt Ion: 82 Resp: 1603
Ion Ratio Lower Upper
82 100
128 41.7 31.5 47.3
54 51.6 42.8 64.2



#9
Naphthalene
Concen: 0.250 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

Tgt Ion: 128 Resp: 6867
Ion Ratio Lower Upper
128 100
129 14.5 9.3 13.9#
127 16.3 11.0 16.4





#11

2-Methylnaphthalene-d10

Concen: 0.149 ng

RT: 12.219 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN024100.D

Acq: 23 Feb 2023 14:53

Instrument :

BNA_N

ClientSampleId :

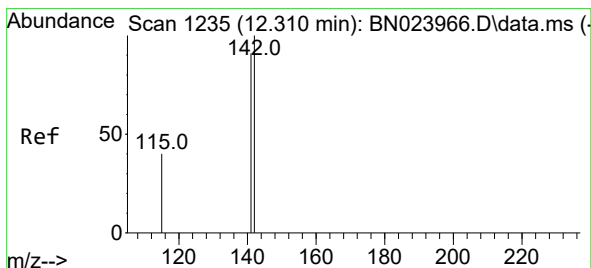
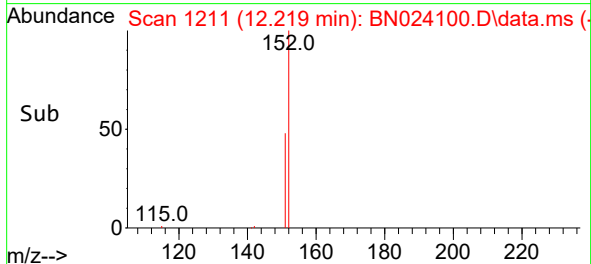
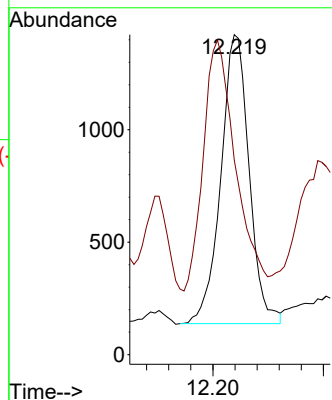
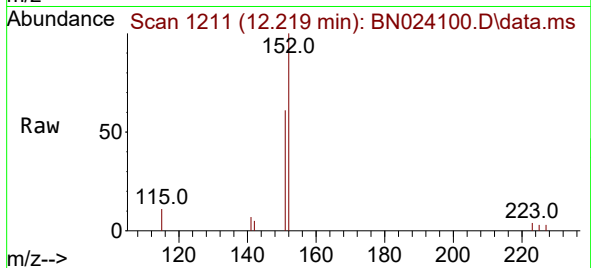
BP-VPB-RW10-GW-908-910RE

Tgt Ion:152 Resp: 2277

Ion Ratio Lower Upper

152 100

151 98.7 16.6 24.8#



#12

2-Methylnaphthalene

Concen: 0.039 ng

RT: 12.295 min Scan# 1231

Delta R.T. -0.004 min

Lab File: BN024100.D

Acq: 23 Feb 2023 14:53

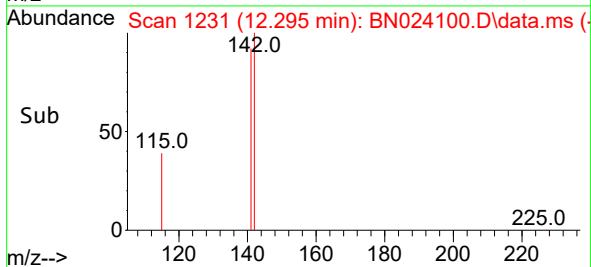
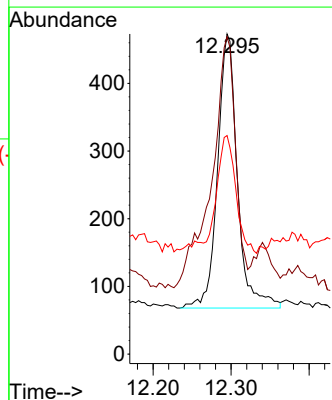
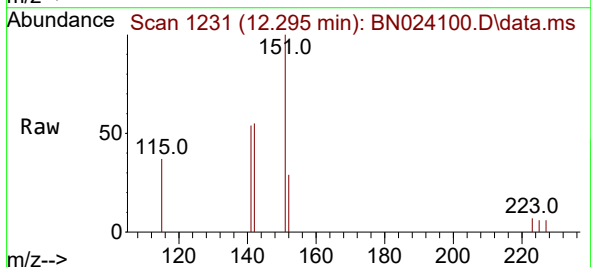
Tgt Ion:142 Resp: 715

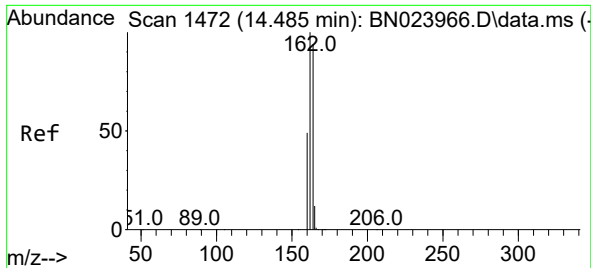
Ion Ratio Lower Upper

142 100

141 99.2 72.9 109.3

115 68.3 33.1 49.7#

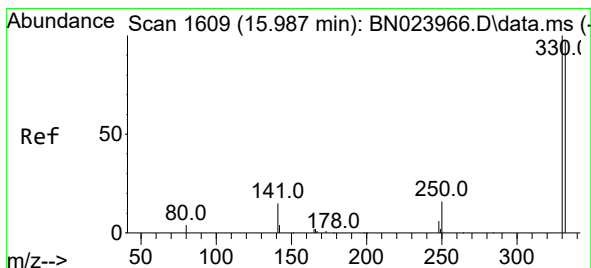
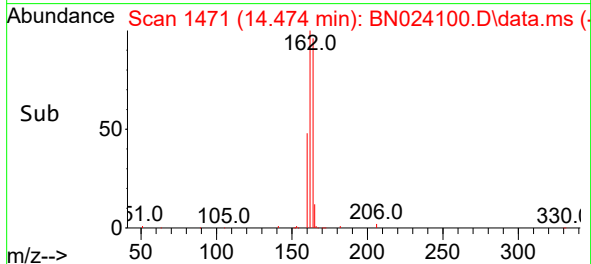
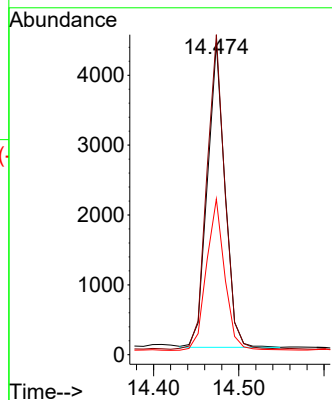
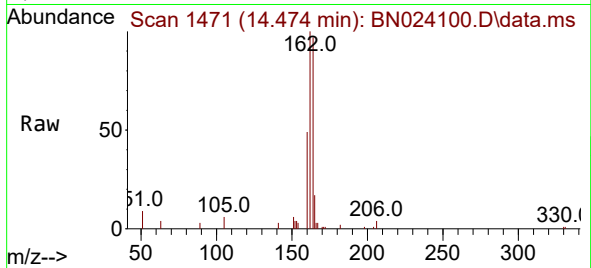




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

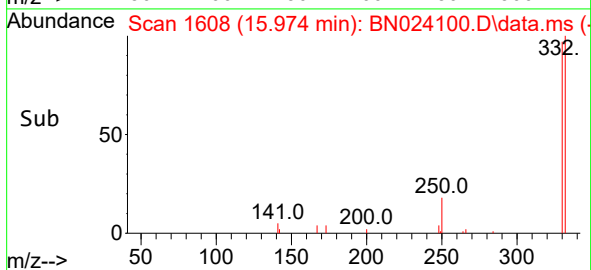
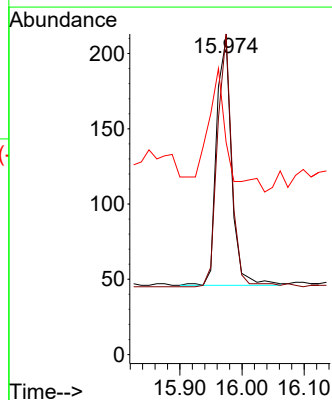
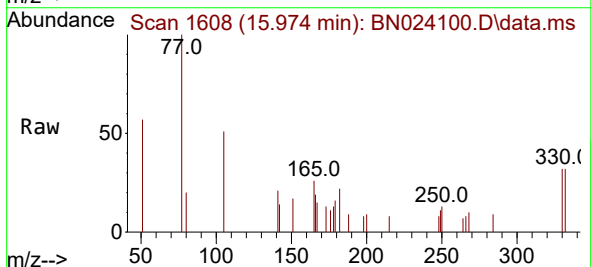
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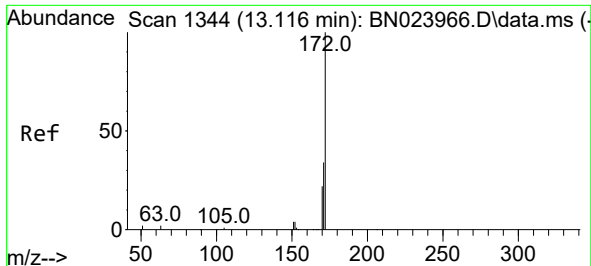
Tgt Ion:164 Resp: 6243
Ion Ratio Lower Upper
164 100
162 102.6 84.8 127.2
160 50.0 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.087 ng
RT: 15.974 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

Tgt Ion:330 Resp: 279
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 60.9 26.6 39.8#

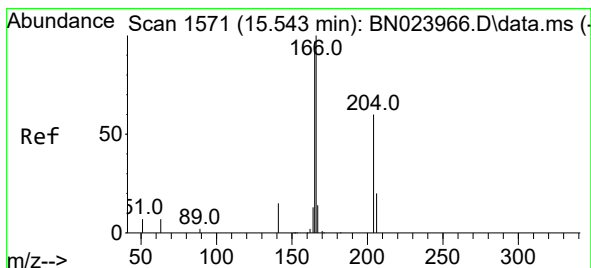
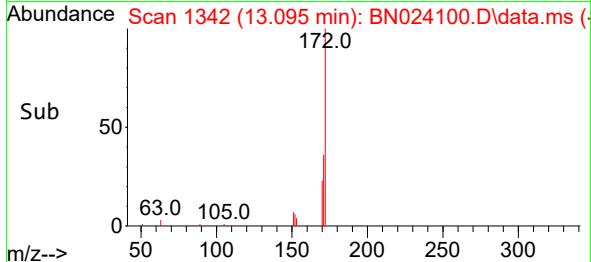
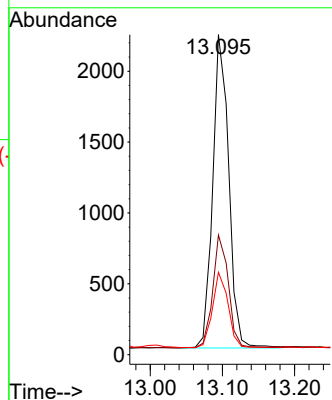
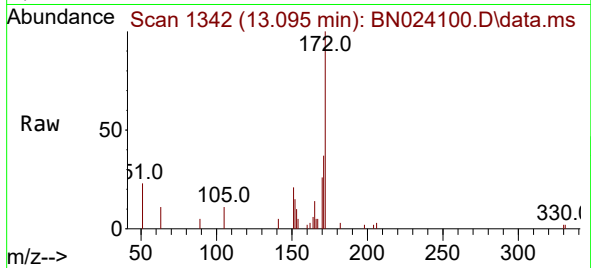




#15
2-Fluorobiphenyl
Concen: 0.138 ng
RT: 13.095 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

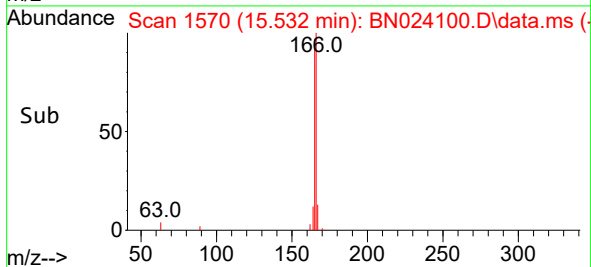
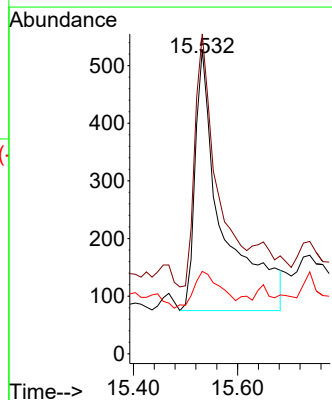
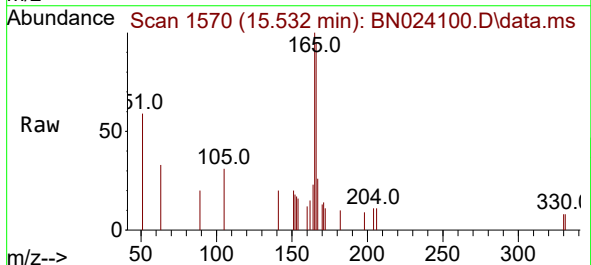
Instrument :
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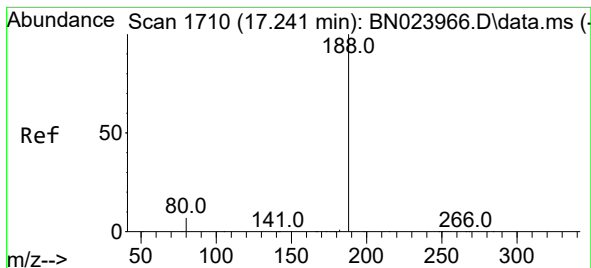
Tgt Ion:172 Resp: 3417
Ion Ratio Lower Upper
172 100
171 37.4 27.4 41.2
170 25.7 18.2 27.4



#18
Fluorene
Concen: 0.073 ng
RT: 15.532 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

Tgt Ion:166 Resp: 1636
Ion Ratio Lower Upper
166 100
165 78.1 79.3 118.9#
167 13.9 11.0 16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024100.D

Acq: 23 Feb 2023 14:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-908-910RE

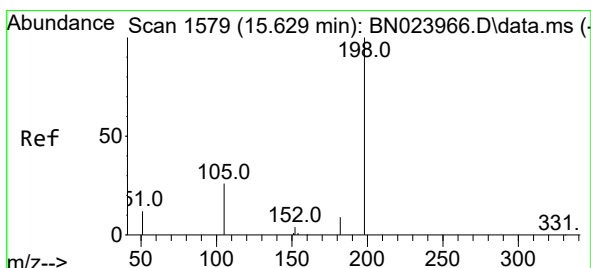
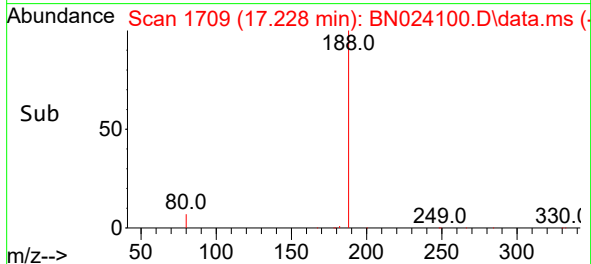
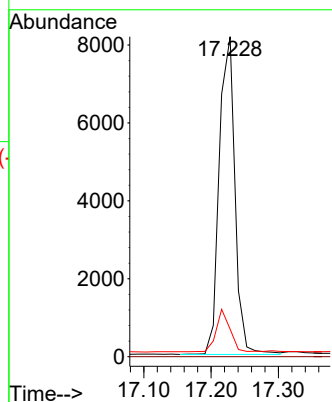
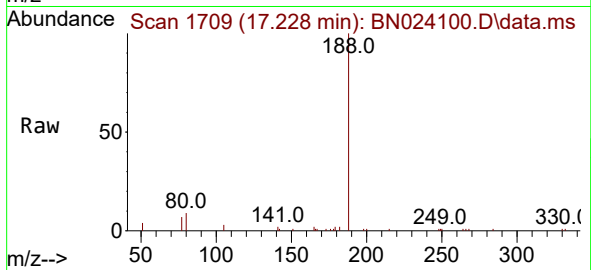
Tgt Ion:188 Resp: 13172

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 6.1 9.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.196 ng

RT: 15.607 min Scan# 1577

Delta R.T. -0.011 min

Lab File: BN024100.D

Acq: 23 Feb 2023 14:53

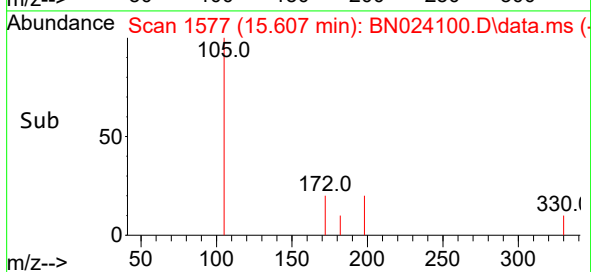
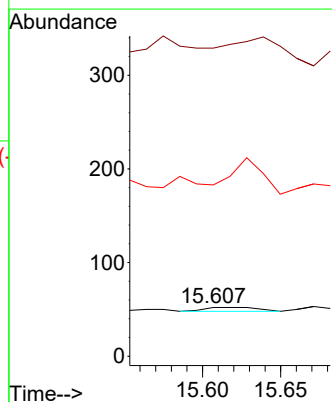
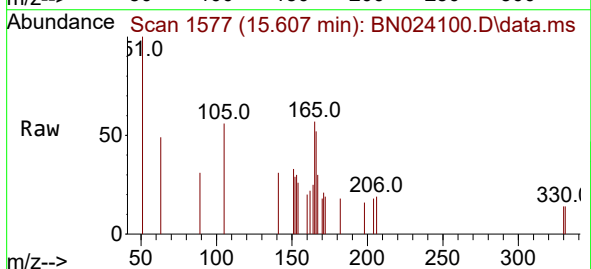
Tgt Ion:198 Resp: 10

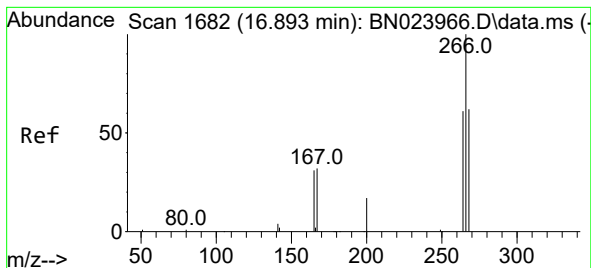
Ion Ratio Lower Upper

198 100

51 632.7 36.8 55.2#

105 351.9 28.8 43.2#





#24

Pentachlorophenol

Concen: 0.215 ng

RT: 16.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024100.D

Acq: 23 Feb 2023 14:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-908-910RE

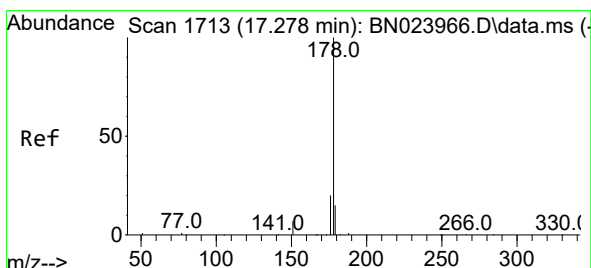
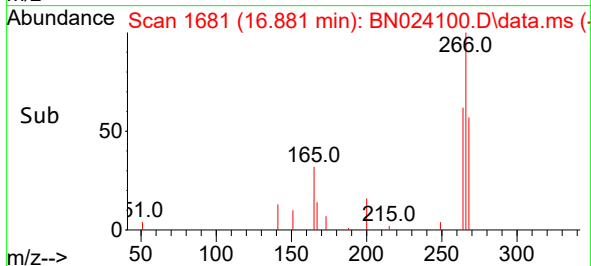
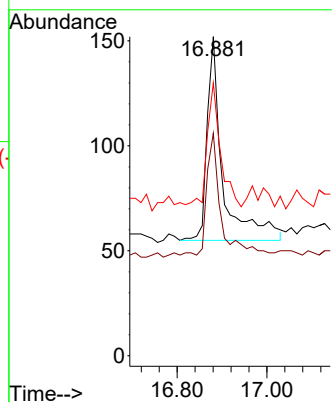
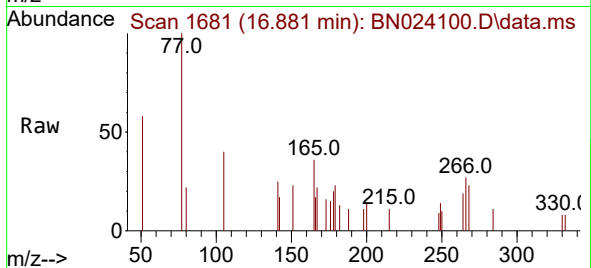
Tgt Ion:266 Resp: 236

Ion Ratio Lower Upper

266 100

264 52.5 47.6 71.4

268 51.3 47.5 71.3



#25

Phenanthrene

Concen: 0.123 ng

RT: 17.265 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BN024100.D

Acq: 23 Feb 2023 14:53

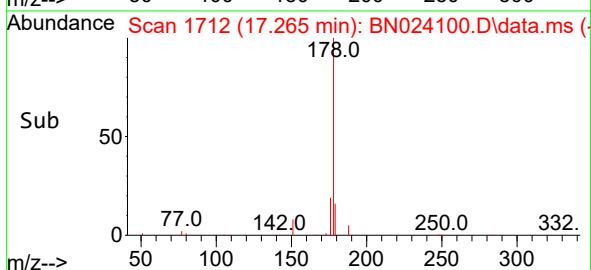
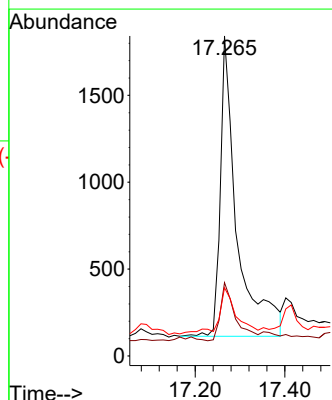
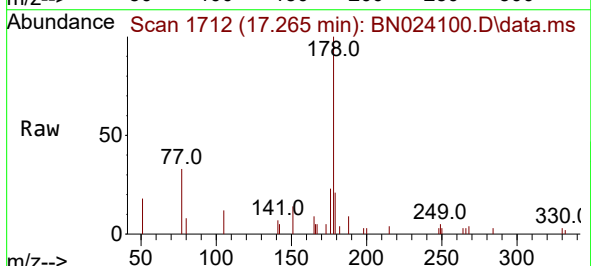
Tgt Ion:178 Resp: 4456

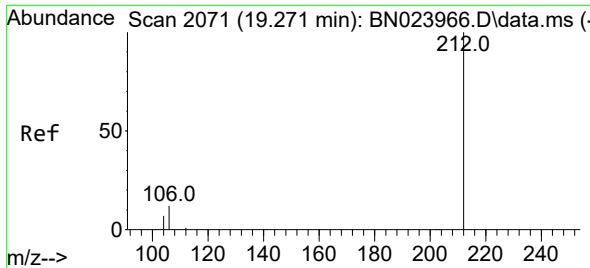
Ion Ratio Lower Upper

178 100

176 17.5 15.6 23.4

179 15.9 12.6 19.0

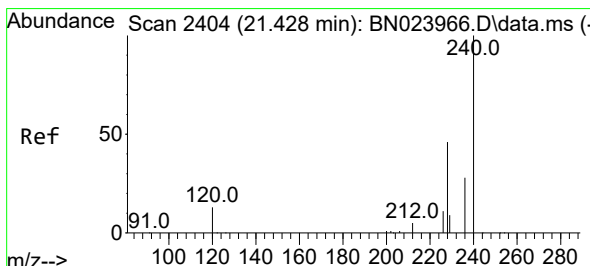
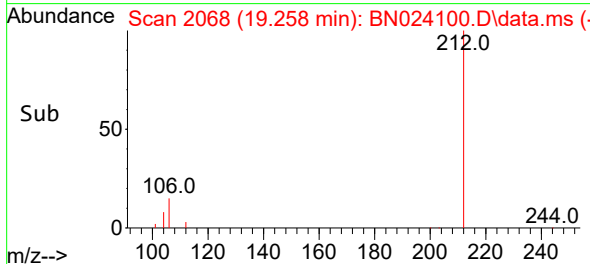
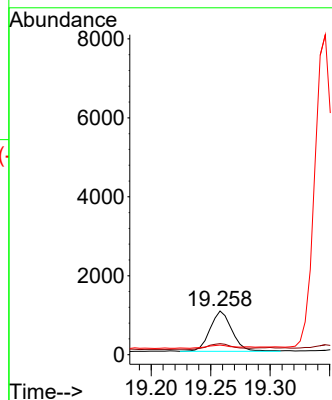
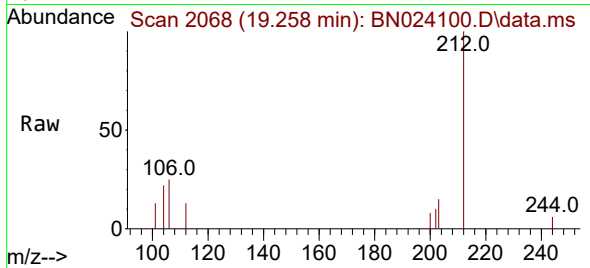




#27
Fluoranthene-d10
Concen: 0.041 ng
RT: 19.258 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

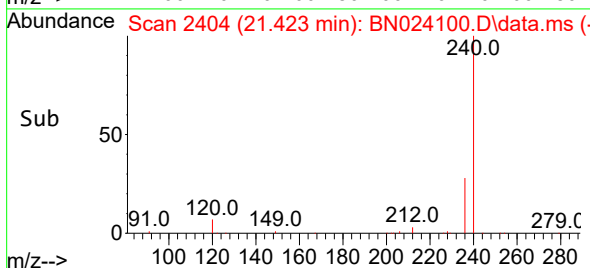
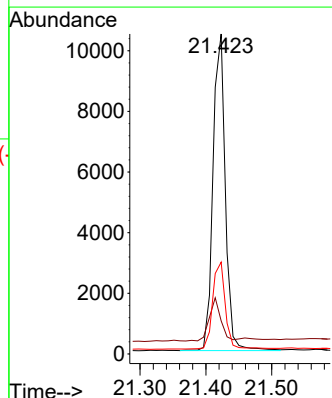
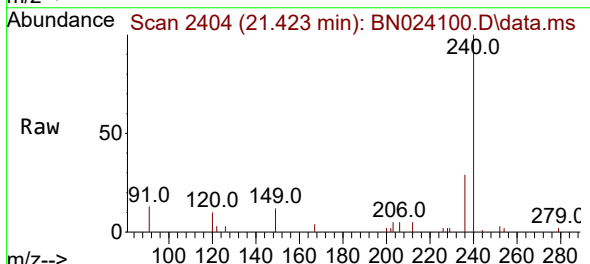
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

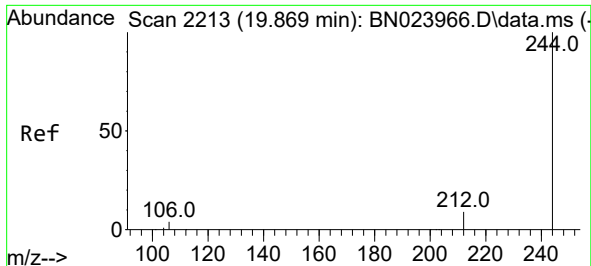
Tgt Ion:212 Resp: 1314
Ion Ratio Lower Upper
212 100
106 16.2 9.2 13.8#
104 0.0 5.7 8.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.423 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

Tgt Ion:240 Resp: 13625
Ion Ratio Lower Upper
240 100
120 10.3 11.4 17.0#
236 28.7 23.2 34.8

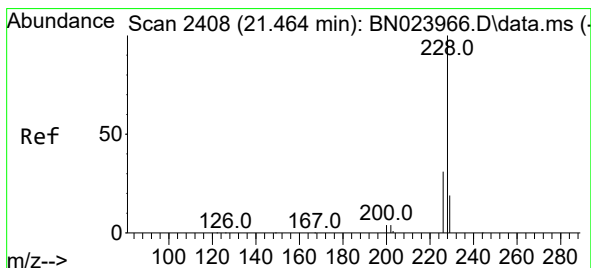
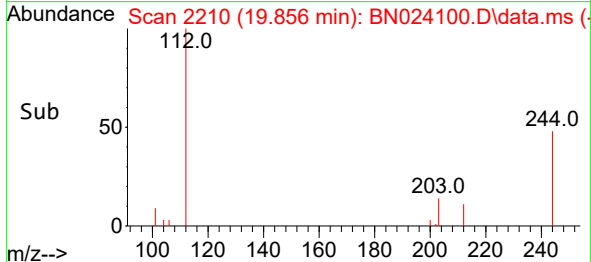
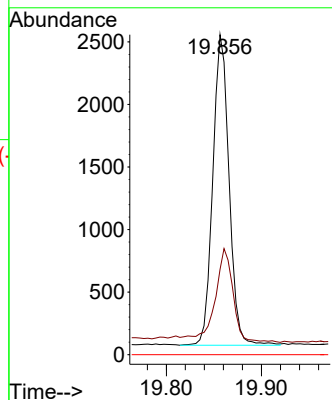
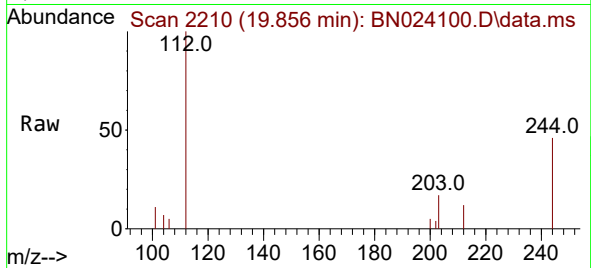




#31
Terphenyl-d14
Concen: 0.116 ng
RT: 19.856 min Scan# 211
Delta R.T. -0.004 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

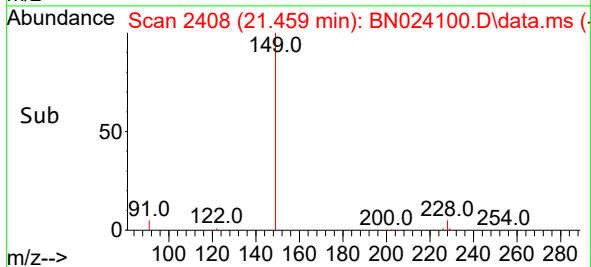
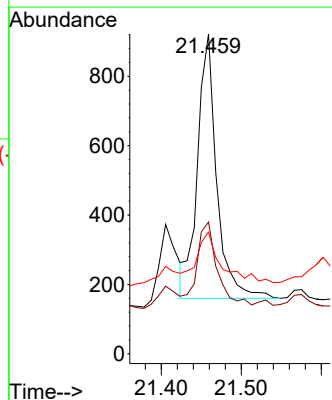
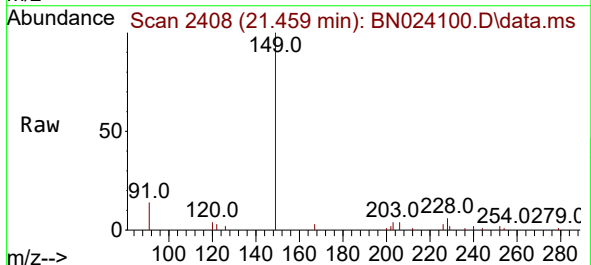
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

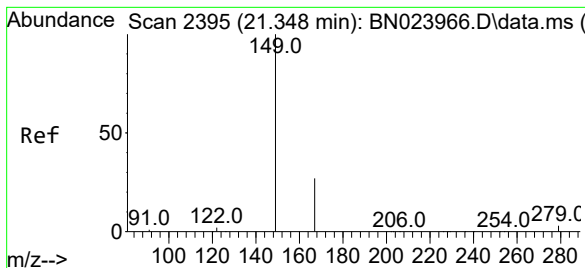
Tgt Ion:244 Resp: 2962
Ion Ratio Lower Upper
244 100
212 26.7 7.7 11.5#
122 0.0 0.0 0.0



#33
Chrysene
Concen: 0.027 ng
RT: 21.459 min Scan# 2408
Delta R.T. -0.005 min
Lab File: BN024100.D
Acq: 23 Feb 2023 14:53

Tgt Ion:228 Resp: 1274
Ion Ratio Lower Upper
228 100
226 41.2 25.2 37.8#
229 38.1 15.7 23.5#

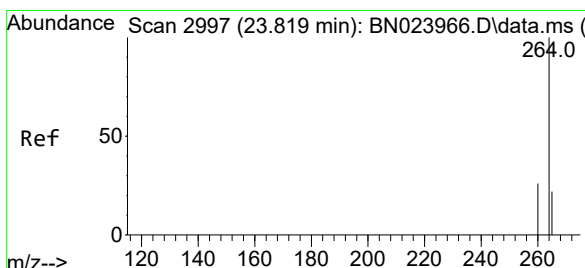
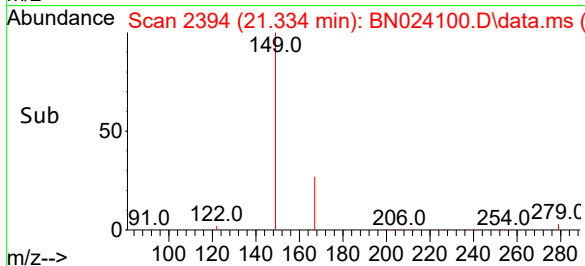
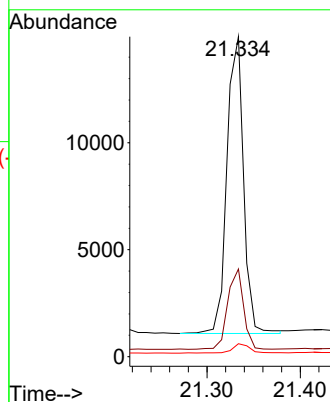
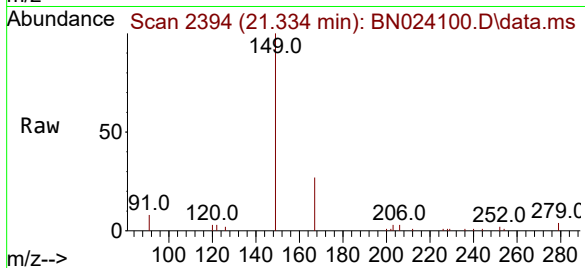




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.859 ng
 RT: 21.334 min Scan# 2133
 Delta R.T. 0.004 min
 Lab File: BN024100.D
 Acq: 23 Feb 2023 14:53

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-908-910RE

Tgt Ion:149 Resp: 17123
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.1 31.7
 279 3.6 3.1 4.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.806 min Scan# 2992
 Delta R.T. -0.010 min
 Lab File: BN024100.D
 Acq: 23 Feb 2023 14:53

Tgt Ion:264 Resp: 13143
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.0
 265 61.6 41.4 62.0

