

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
 Data File : BN021990.D
 Acq On : 04 Oct 2022 00:10
 Operator : CG/JU
 Sample : N4913-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-140-160-092822

Quant Time: Oct 04 02:06:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

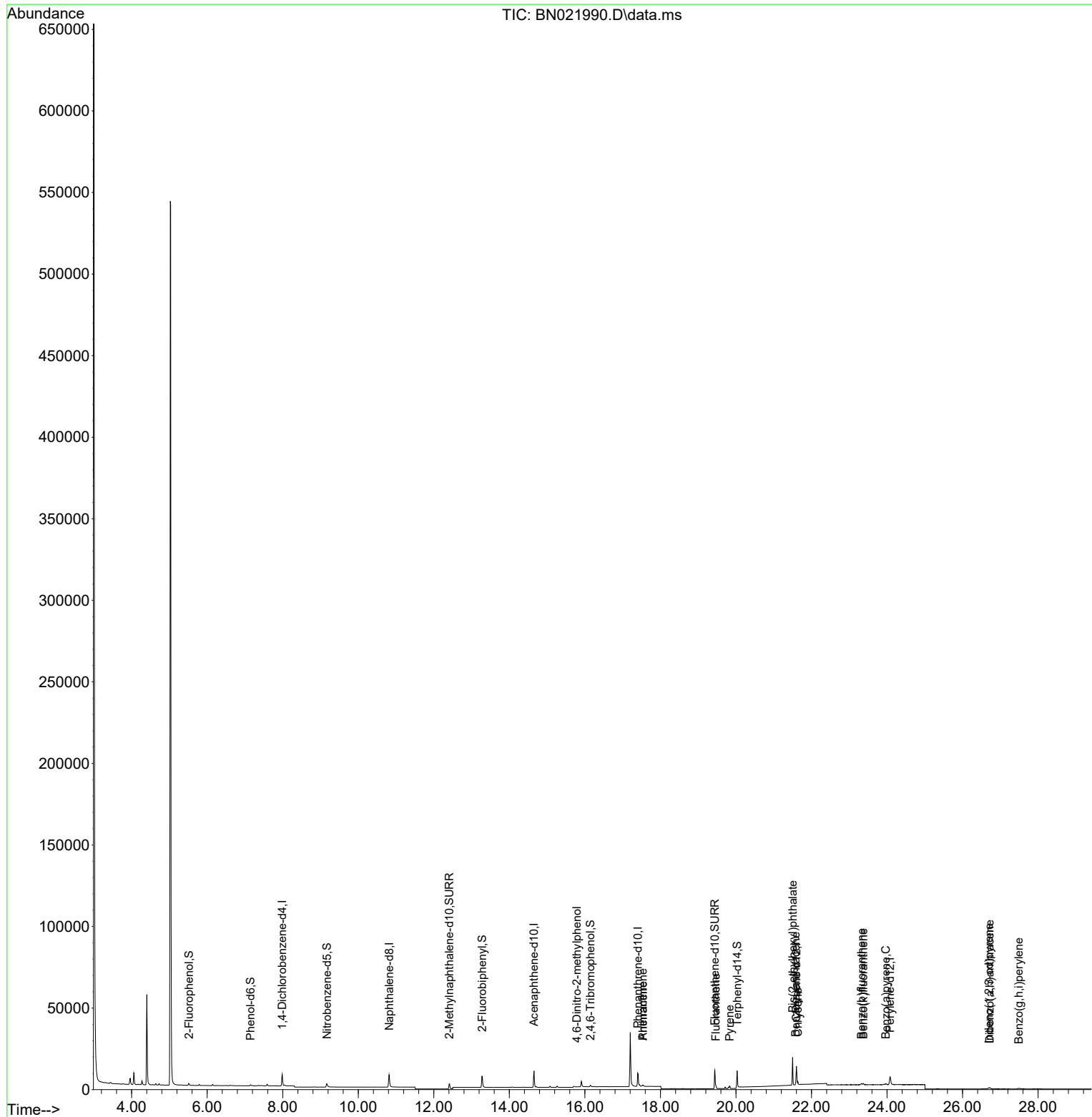
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	3796	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	11541	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	5992	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12687	0.400	ng	#-0.01
29) Chrysene-d12	21.600	240	10399	0.400	ng	# 0.00
35) Perylene-d12	24.081	264	8191	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	1121	0.127	ng	0.00
5) Phenol-d6	7.148	99	795	0.070	ng	0.00
8) Nitrobenzene-d5	9.172	82	2630	0.283	ng	0.01
11) 2-Methylnaphthalene-d10	12.410	152	6724	0.317	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	620	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	7698	0.294	ng	0.00
27) Fluoranthene-d10	19.441	212	12726	0.377	ng	0.00
31) Terphenyl-d14	20.032	244	7698	0.368	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.786	198	1	0.192	ng	# 1
25) Phenanthrene	17.536	178	1182	0.027	ng	98
26) Anthracene	17.536	178	1153	0.033	ng	99
28) Fluoranthene	19.470	202	1453	0.031	ng	# 93
30) Pyrene	19.833	202	1468	0.032	ng	98
32) Benzo(a)anthracene	21.582	228	1230	0.031	ng	# 91
33) Chrysene	21.636	228	1665	0.038	ng	94
34) Bis(2-ethylhexyl)phtha...	21.501	149	14708	0.784	ng	99
36) Indeno(1,2,3-cd)pyrene	26.698	276	956	0.023	ng	98
37) Benzo(b)fluoranthene	23.321	252	1009	0.026	ng	# 9
38) Benzo(k)fluoranthene	23.371	252	1041	0.027	ng	# 16
39) Benzo(a)pyrene	23.970	252	803	0.027	ng	# 1
40) Dibenzo(a,h)anthracene	26.718	278	1002	0.030	ng	# 45
41) Benzo(g,h,i)perylene	27.490	276	844	0.024	ng	# 64

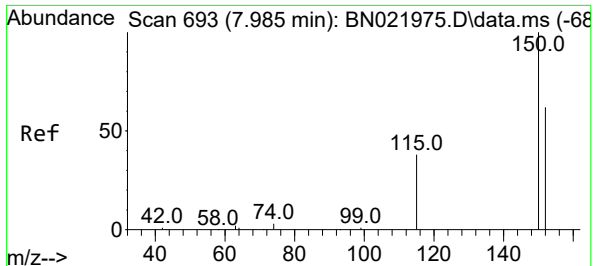
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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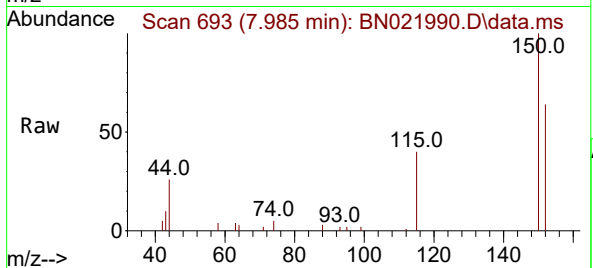
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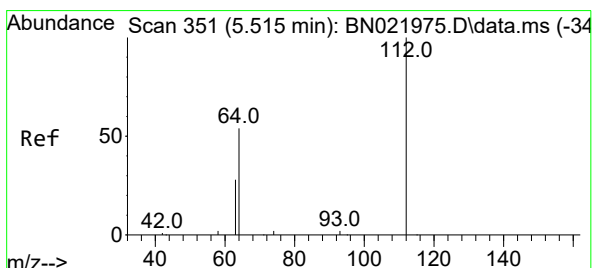
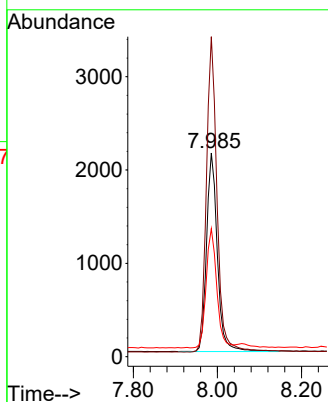
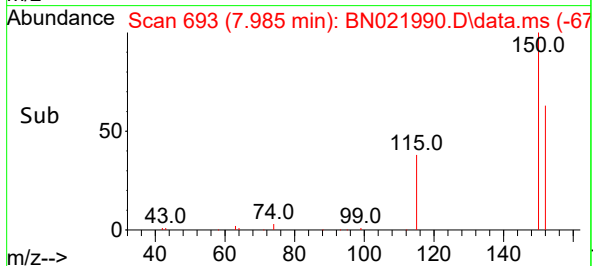


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.985 min Scan# 693
Delta R.T. 0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

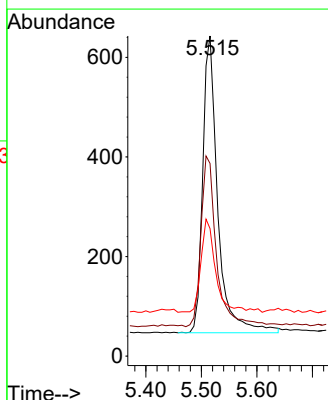
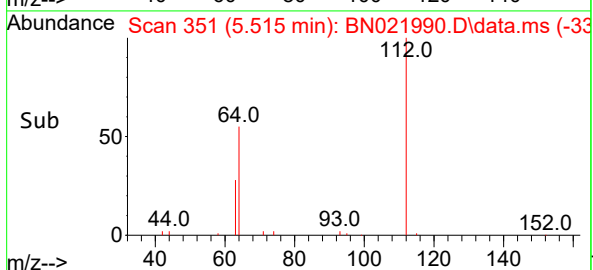
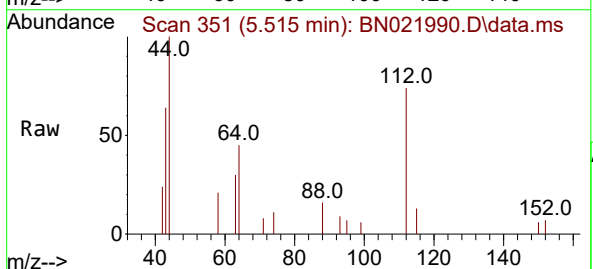


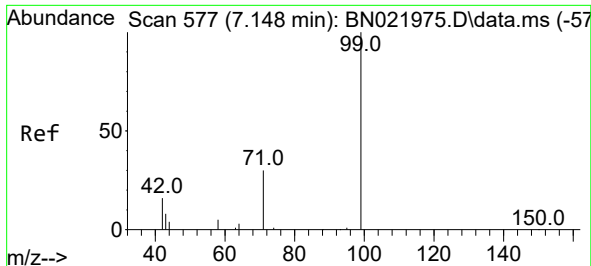
Tgt Ion:152 Resp: 3796
Ion Ratio Lower Upper
152 100
150 157.1 127.2 190.8
115 62.9 51.4 77.0



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.515 min Scan# 351
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:112 Resp: 1121
Ion Ratio Lower Upper
112 100
64 60.3 46.9 70.3
63 29.3 24.6 37.0

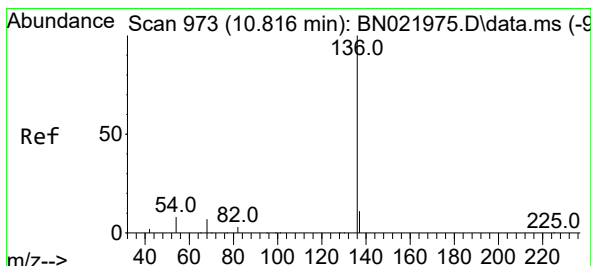
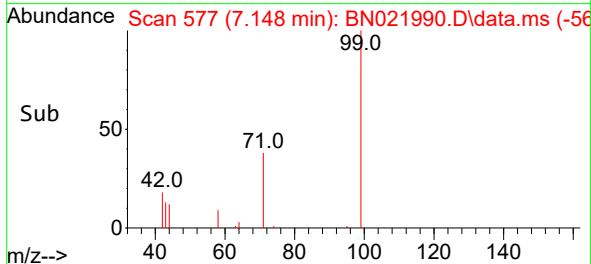
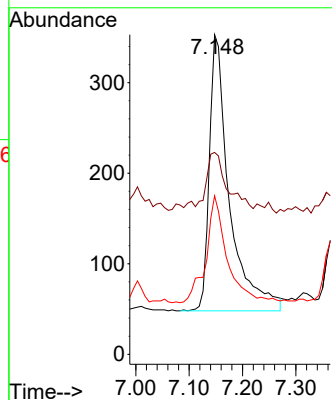
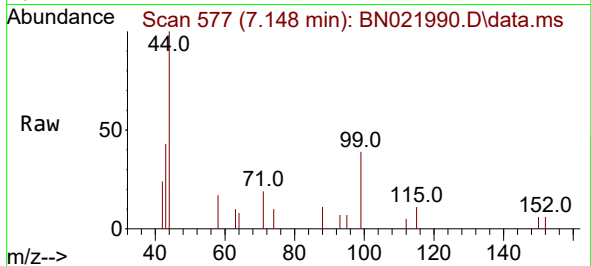




#5
Phenol-d6
Concen: 0.070 ng
RT: 7.148 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

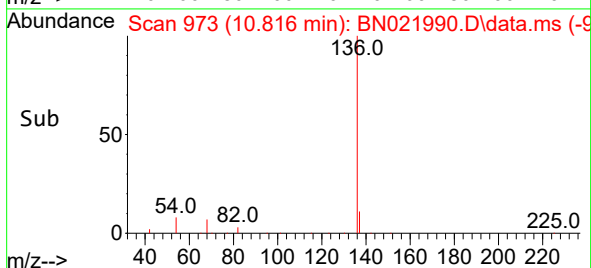
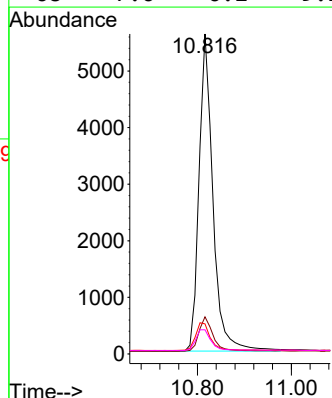
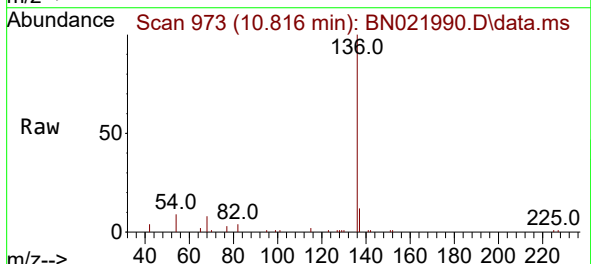
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ClientSampleId :
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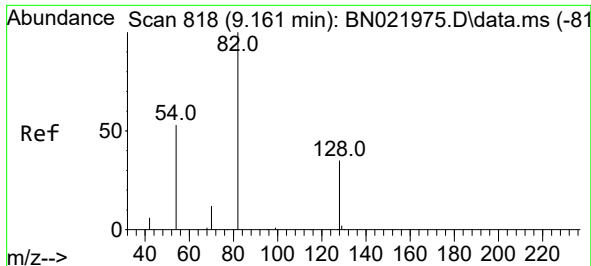
Tgt Ion: 99 Resp: 795
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 41.1 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion: 136 Resp: 11541
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.4 7.1 10.7
68 7.6 6.2 9.2

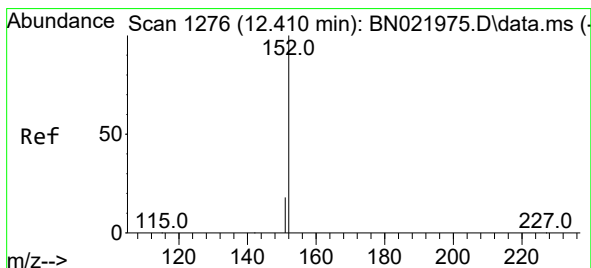
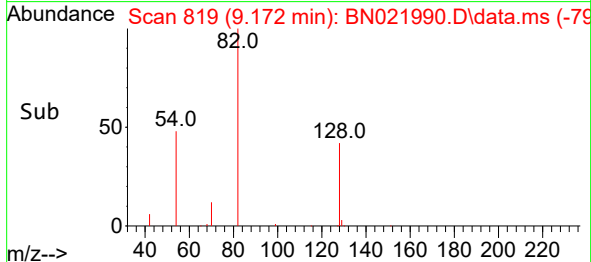
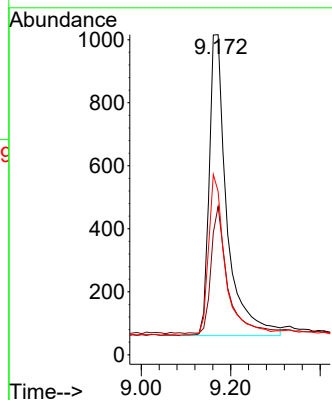
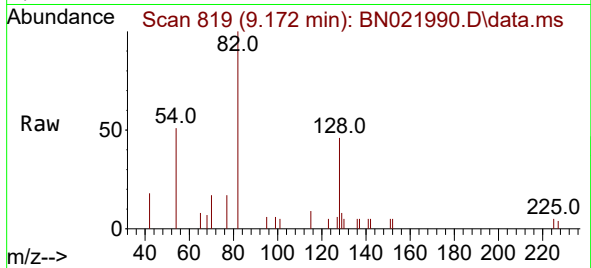




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 9.172 min Scan# 818
Delta R.T. 0.011 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

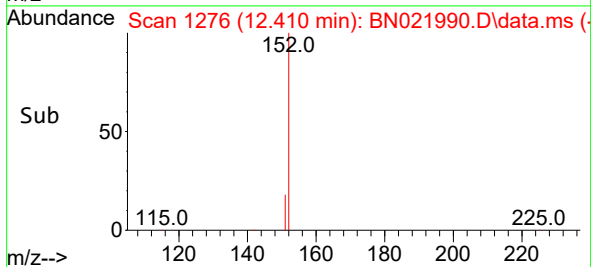
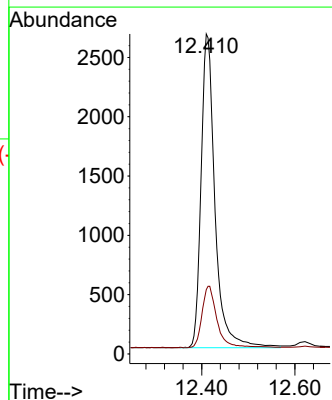
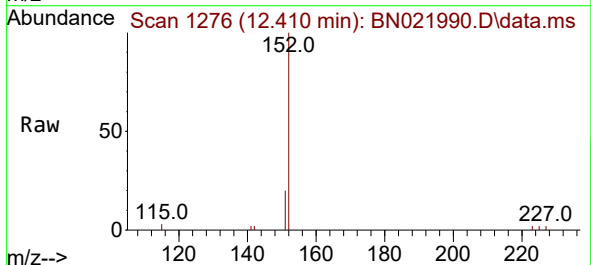
Instrument :
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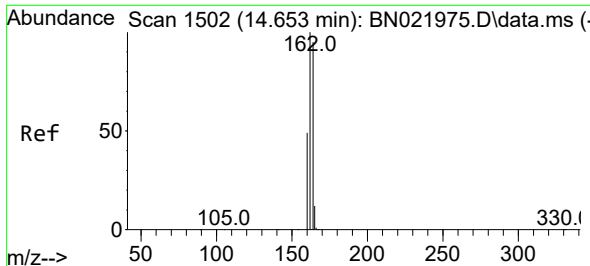
Tgt Ion: 82 Resp: 2630
Ion Ratio Lower Upper
82 100
128 46.4 29.9 44.9#
54 51.1 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.410 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion: 152 Resp: 6724
Ion Ratio Lower Upper
152 100
151 20.8 13.8 20.6#

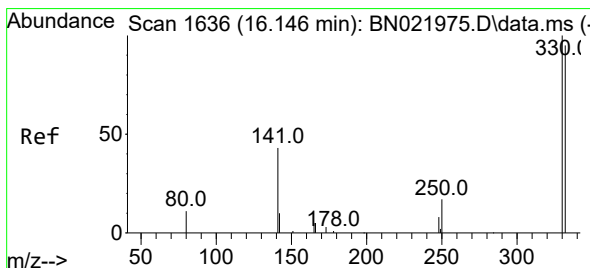
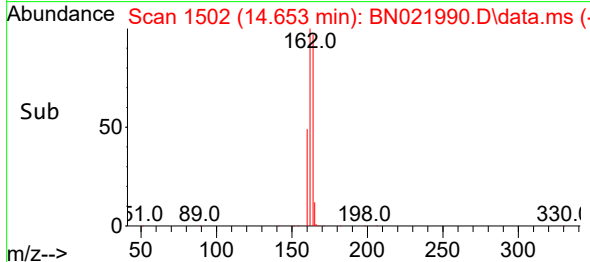
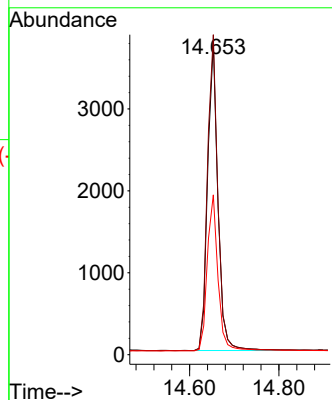
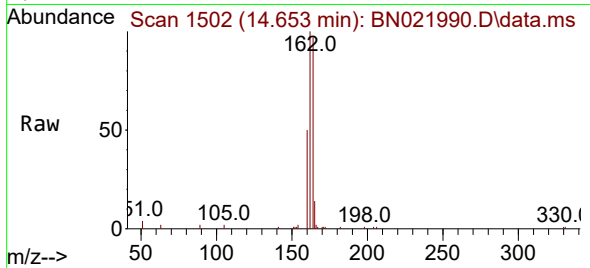




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

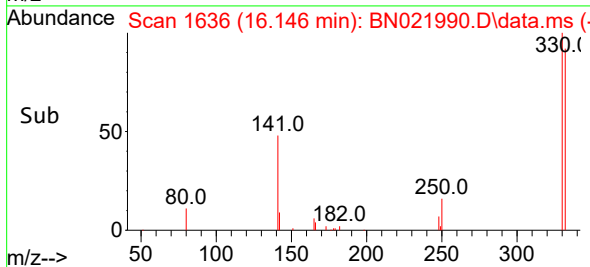
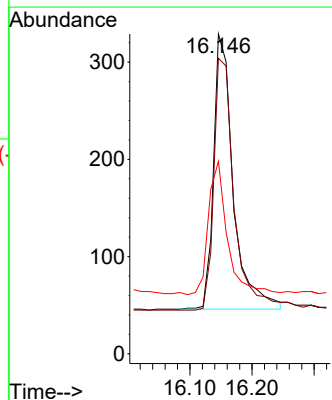
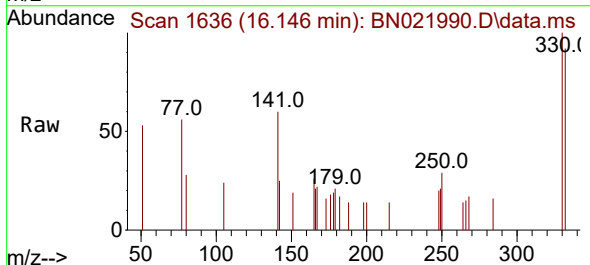
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

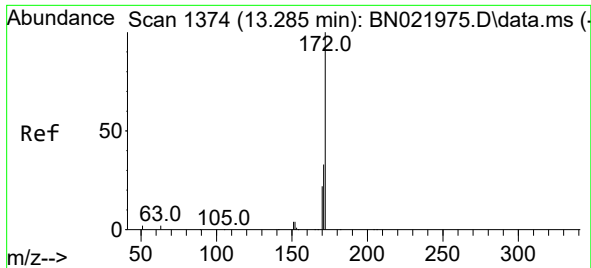
Tgt Ion:164 Resp: 5992
Ion Ratio Lower Upper
164 100
162 102.7 84.3 126.5
160 51.3 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 16.146 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:330 Resp: 620
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.4
141 46.9 35.3 52.9

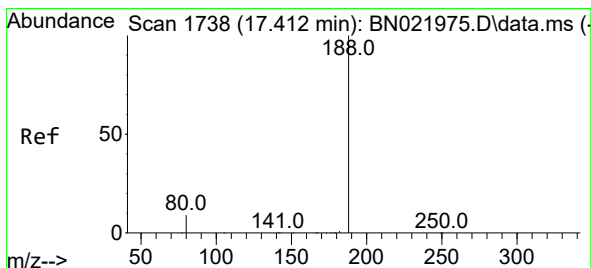
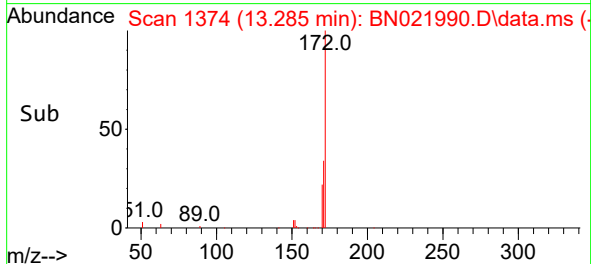
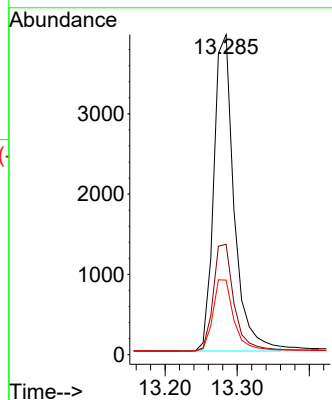
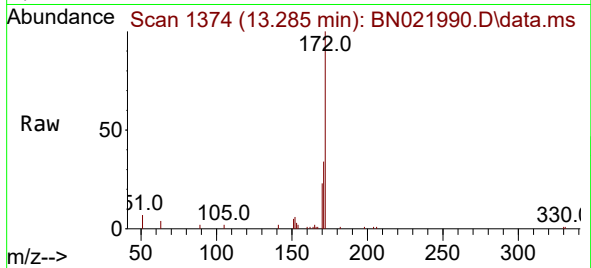




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.285 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

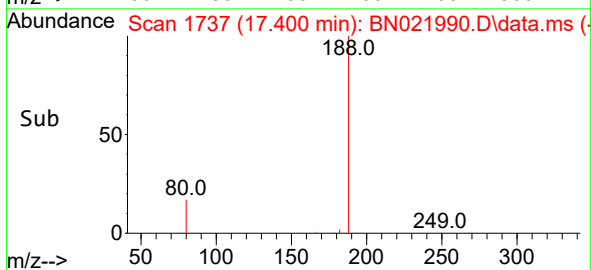
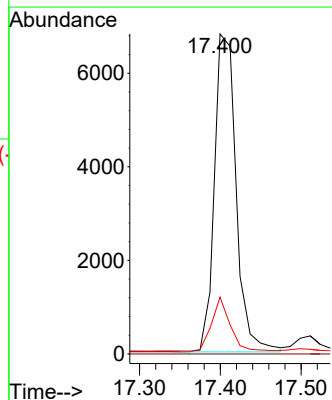
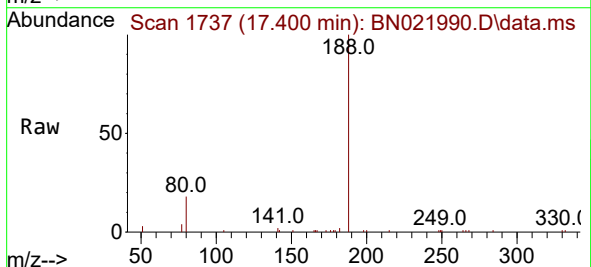
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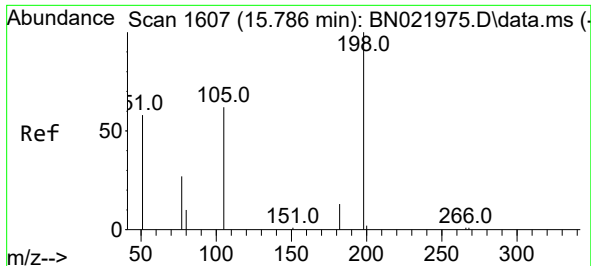
Tgt Ion:	172	Resp:	7698
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.2	40.8
170	23.3	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:	188	Resp:	12687
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	17.7	7.5	11.3

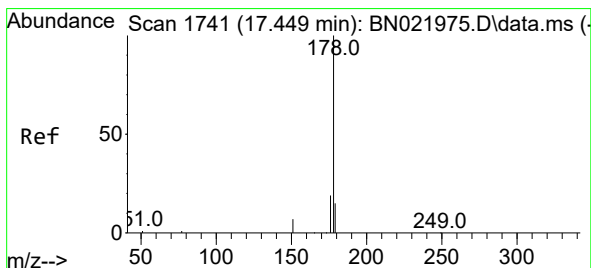
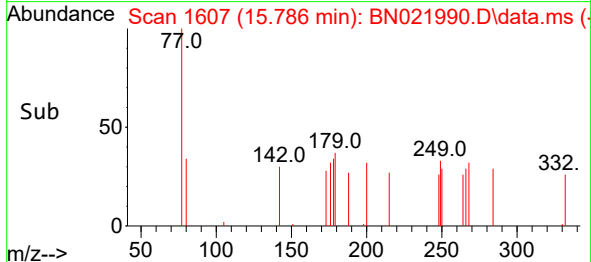
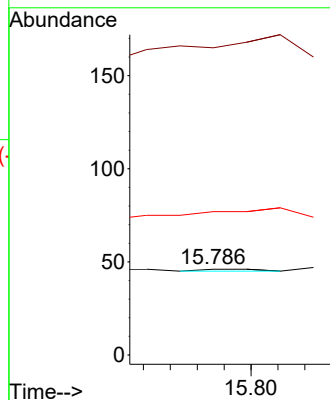
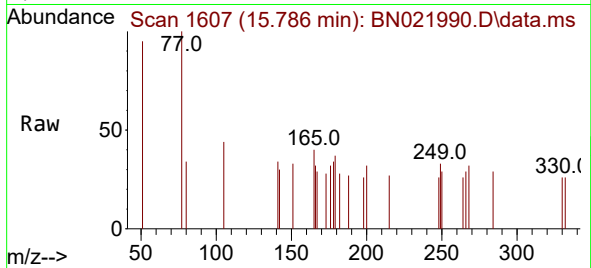




#20
4,6-Dinitro-2-methylphenol
Concen: 0.192 ng
RT: 15.786 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

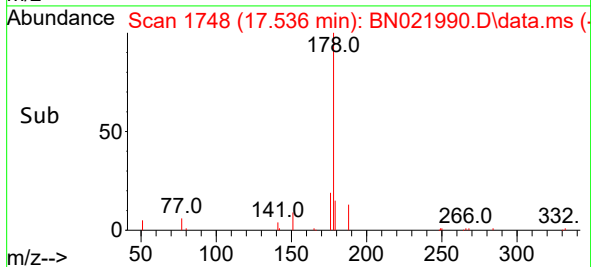
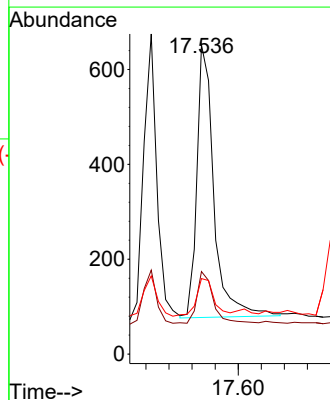
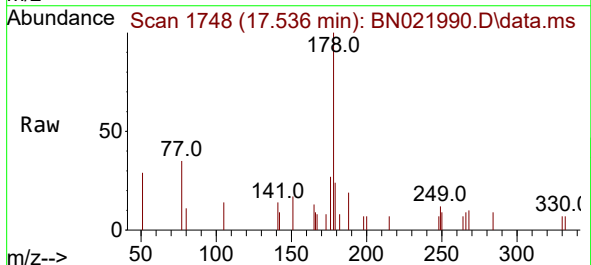
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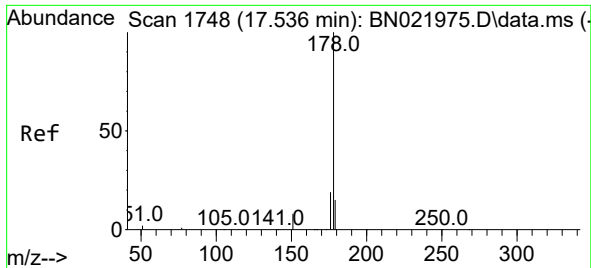
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 358.7 96.6 144.8#
105 167.4 64.4 96.6#



#25
Phenanthrene
Concen: 0.027 ng
RT: 17.536 min Scan# 1748
Delta R.T. 0.087 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:178 Resp: 1182
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.0
179 14.4 12.2 18.2

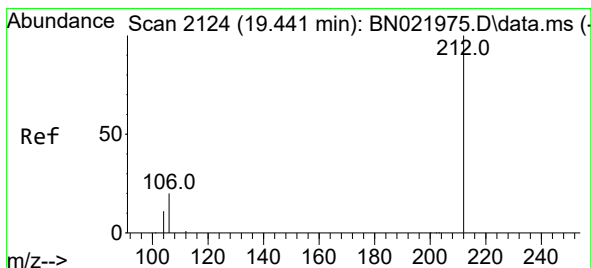
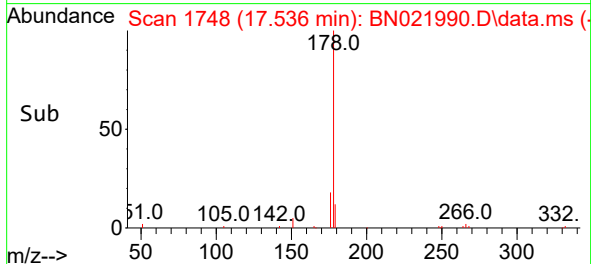
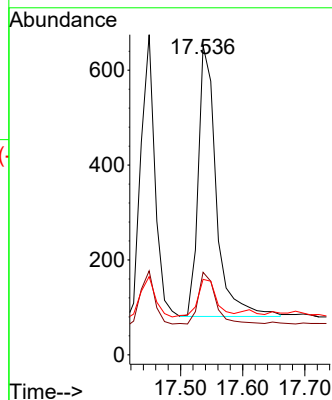
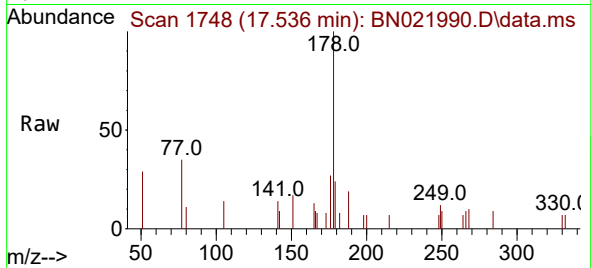




#26
 Anthracene
 Concen: 0.033 ng
 RT: 17.536 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN021990.D
 Acq: 04 Oct 2022 00:10

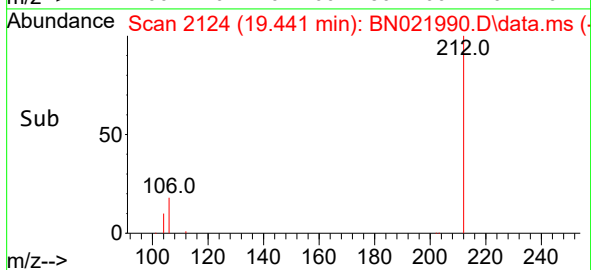
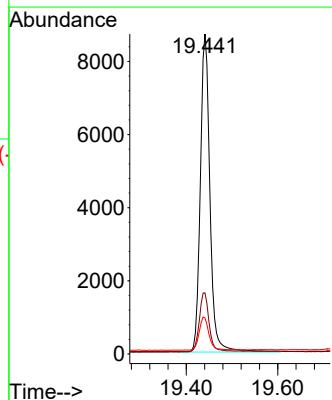
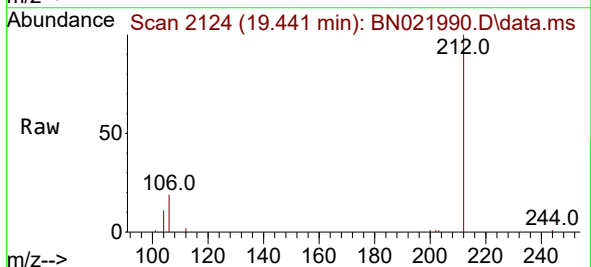
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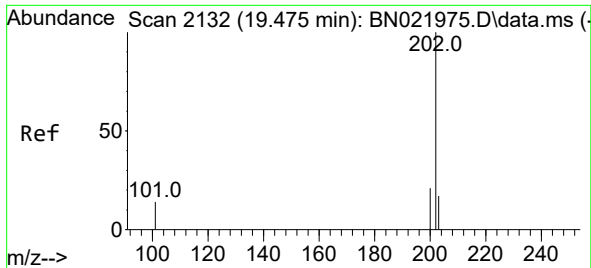
Tgt Ion:178 Resp: 1153
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 14.5 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.377 ng
 RT: 19.441 min Scan# 2124
 Delta R.T. -0.000 min
 Lab File: BN021990.D
 Acq: 04 Oct 2022 00:10

Tgt Ion:212 Resp: 12726
 Ion Ratio Lower Upper
 212 100
 106 18.7 15.2 22.8
 104 10.6 8.6 13.0

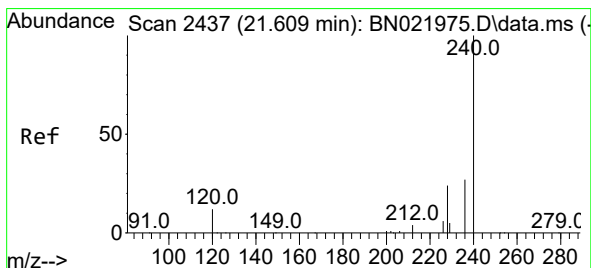
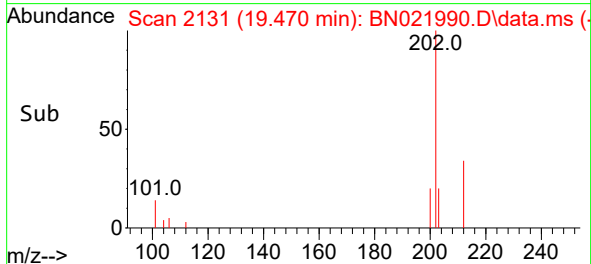
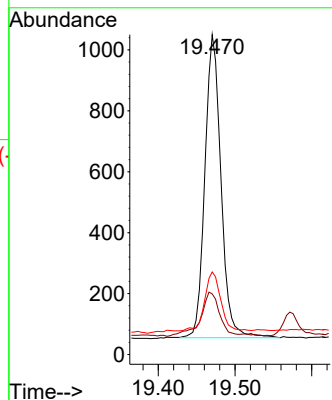
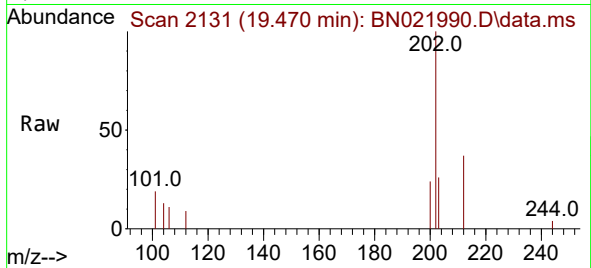




#28
Fluoranthene
Concen: 0.031 ng
RT: 19.470 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

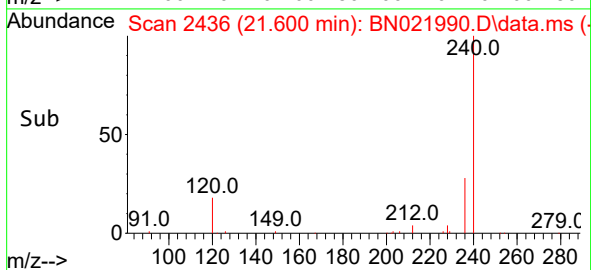
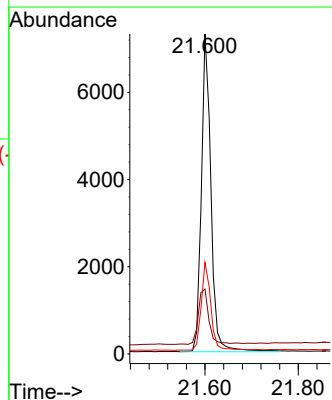
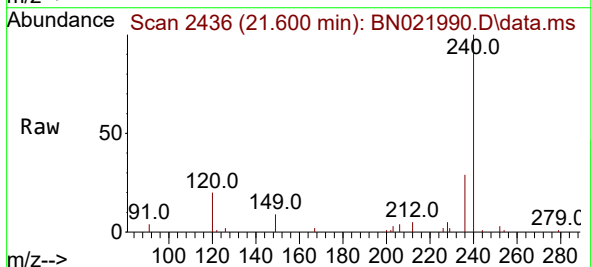
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

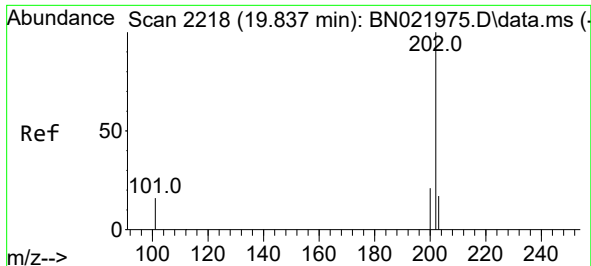
Tgt Ion:202 Resp: 1453
Ion Ratio Lower Upper
202 100
101 17.1 11.4 17.0#
203 20.2 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:240 Resp: 10399
Ion Ratio Lower Upper
240 100
120 20.3 11.8 17.6#
236 28.6 22.4 33.6

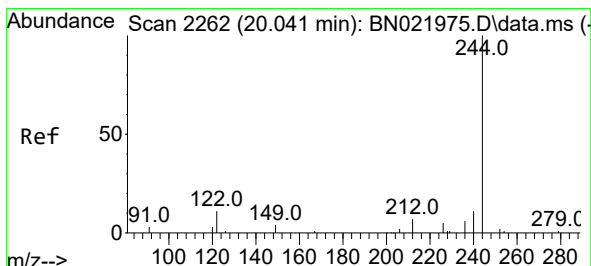
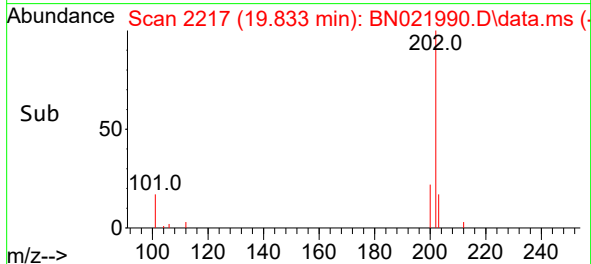
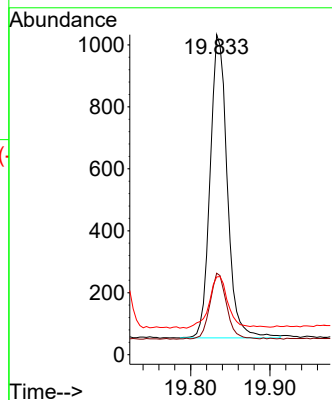
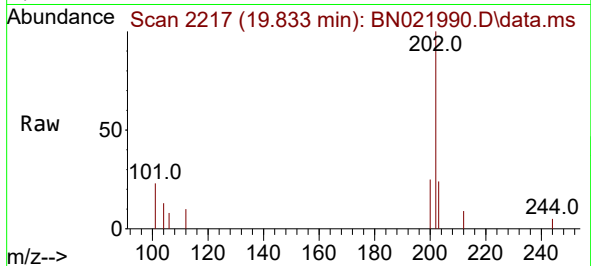




#30
Pyrene
Concen: 0.032 ng
RT: 19.833 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

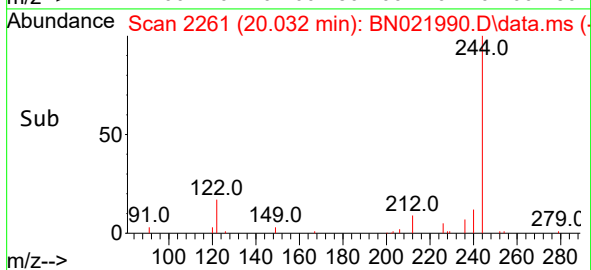
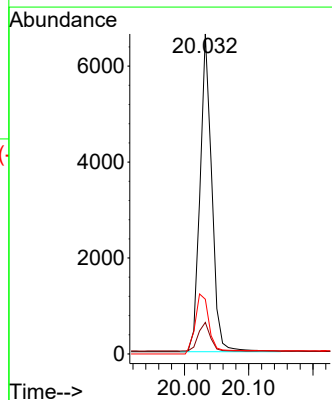
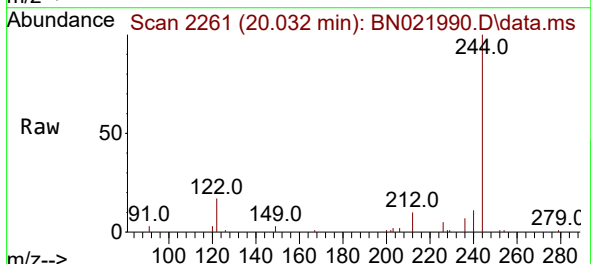
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

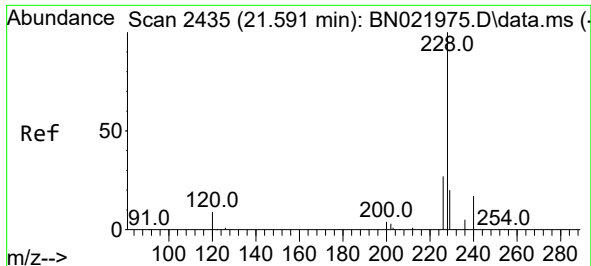
Tgt Ion:202 Resp: 1468
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 18.5 14.1 21.1



#31
Terphenyl-d14
Concen: 0.368 ng
RT: 20.032 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:244 Resp: 7698
Ion Ratio Lower Upper
244 100
212 9.9 6.5 9.7#
122 17.1 9.1 13.7#

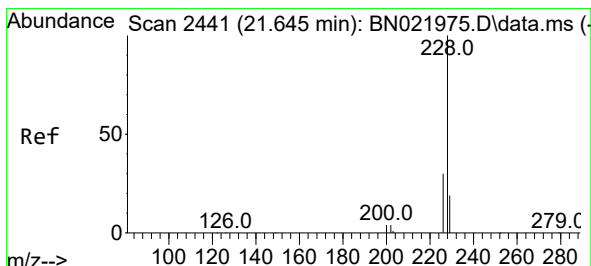
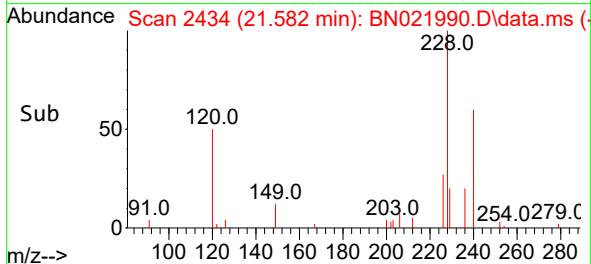
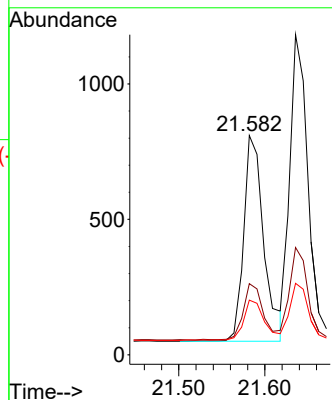
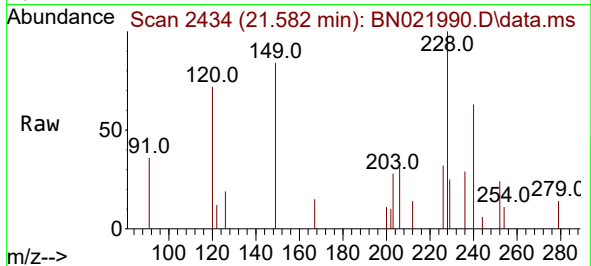




#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.582 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

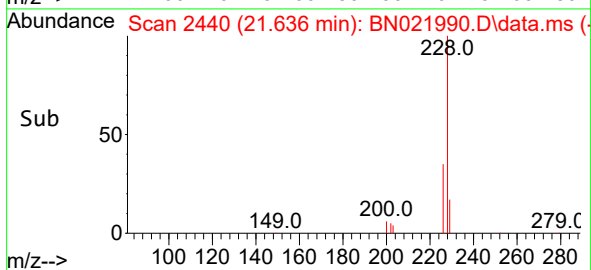
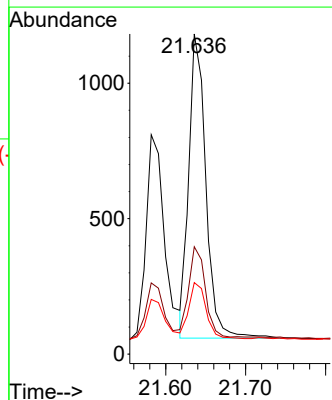
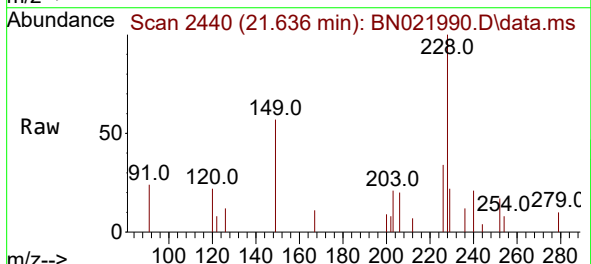
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

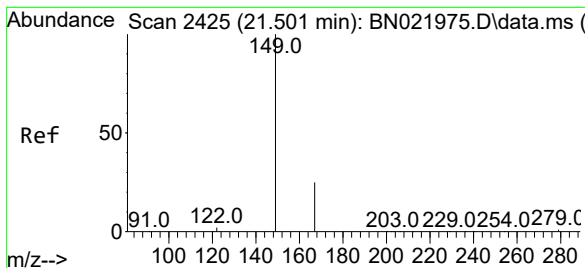
Tgt Ion:228 Resp: 1230
Ion Ratio Lower Upper
228 100
226 32.5 22.2 33.4
229 24.9 16.2 24.2#



#33
Chrysene
Concen: 0.038 ng
RT: 21.636 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:228 Resp: 1665
Ion Ratio Lower Upper
228 100
226 33.5 24.2 36.2
229 22.3 15.8 23.6

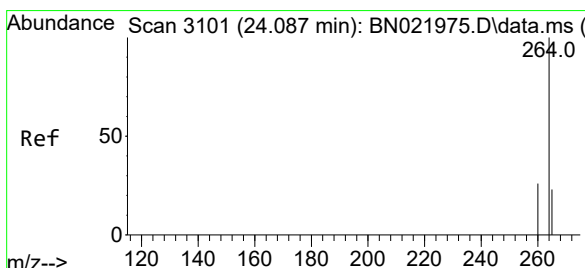
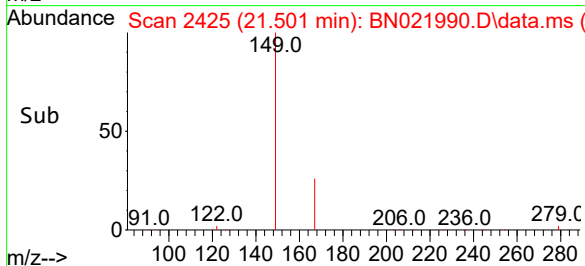
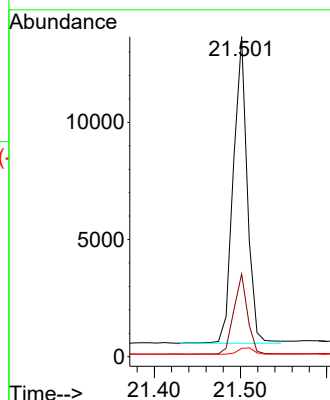
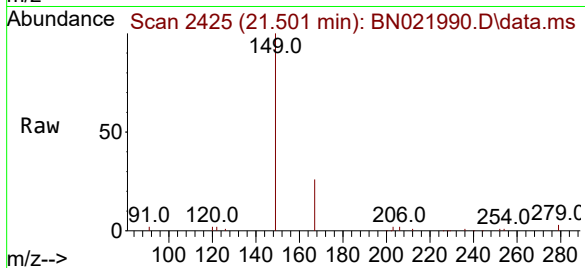




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.784 ng
 RT: 21.501 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN021990.D
 Acq: 04 Oct 2022 00:10

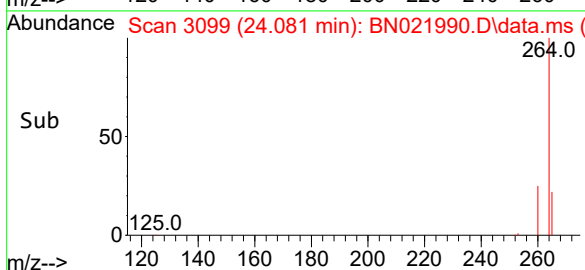
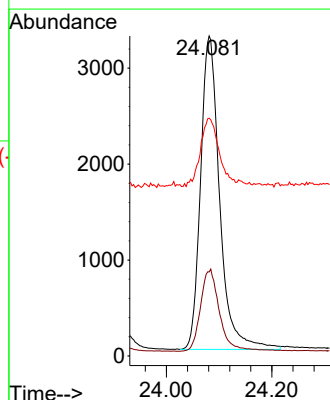
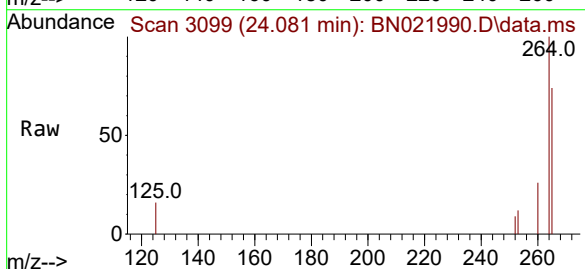
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-140-160-092822

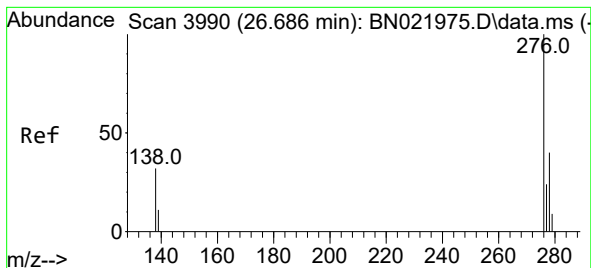
Tgt Ion:149 Resp: 14708
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 2.5 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.081 min Scan# 3099
 Delta R.T. -0.006 min
 Lab File: BN021990.D
 Acq: 04 Oct 2022 00:10

Tgt Ion:264 Resp: 8191
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.3 31.9
 265 74.3 63.0 94.4

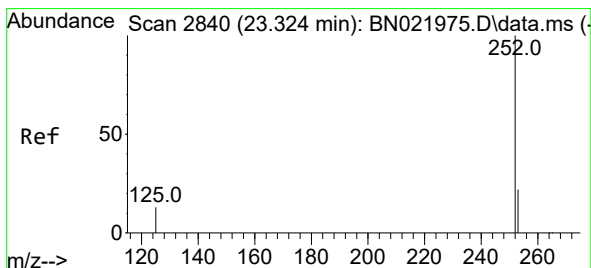
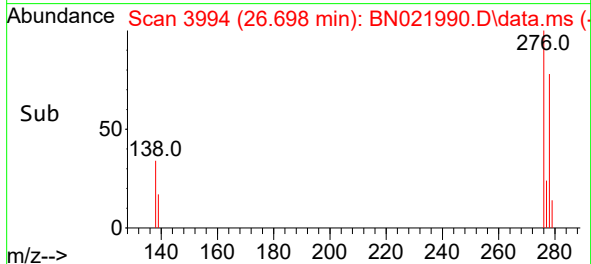
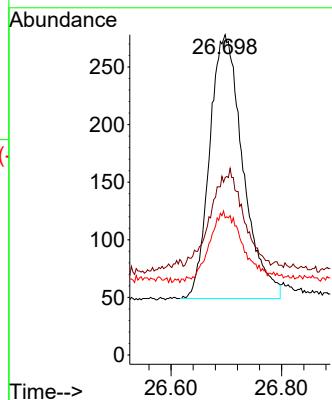
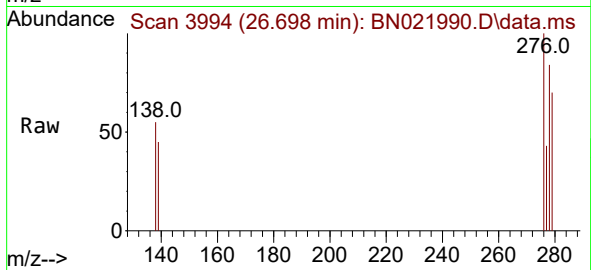




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 26.698 min Scan# 3994
Delta R.T. 0.012 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

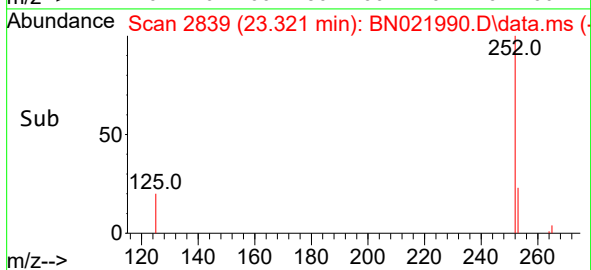
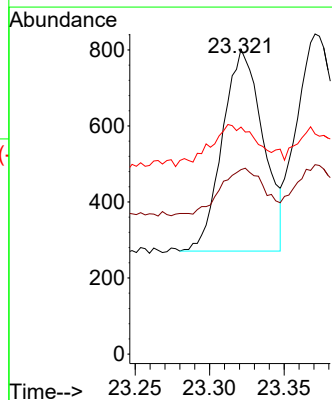
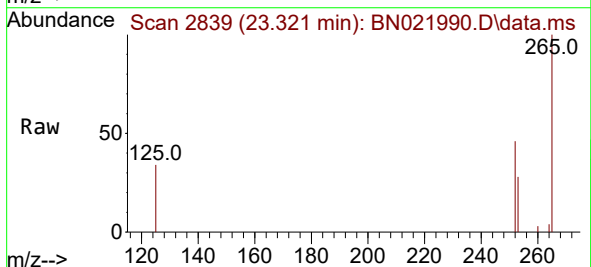
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

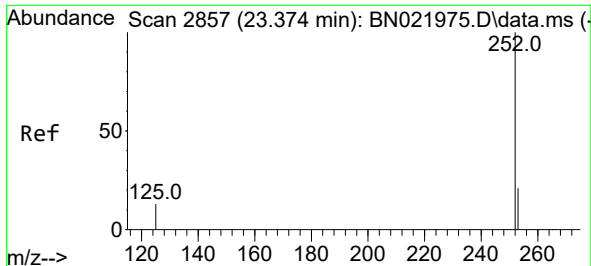
Tgt Ion:276 Resp: 956
Ion Ratio Lower Upper
276 100
138 36.5 28.0 42.0
277 25.2 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 23.321 min Scan# 2839
Delta R.T. -0.003 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:252 Resp: 1009
Ion Ratio Lower Upper
252 100
253 60.5 20.6 31.0#
125 74.4 15.6 23.4#

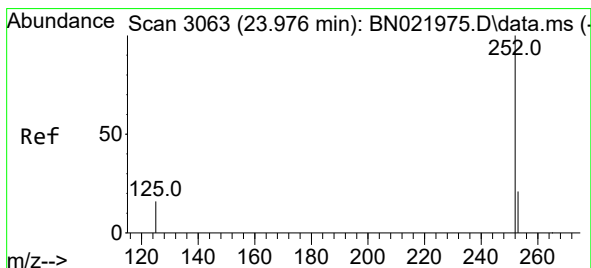
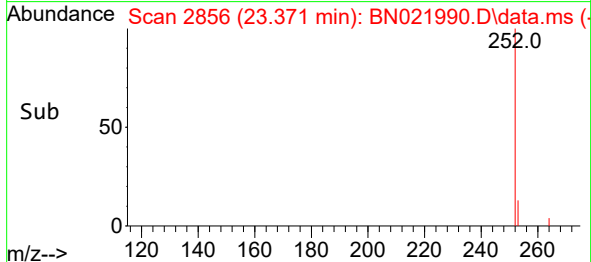
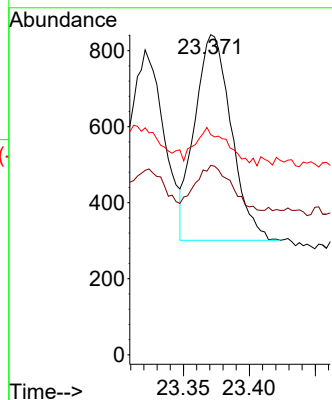
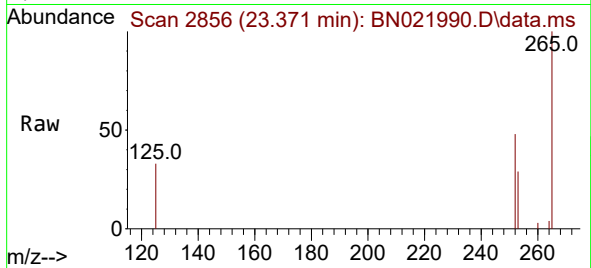




#38
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 23.371 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

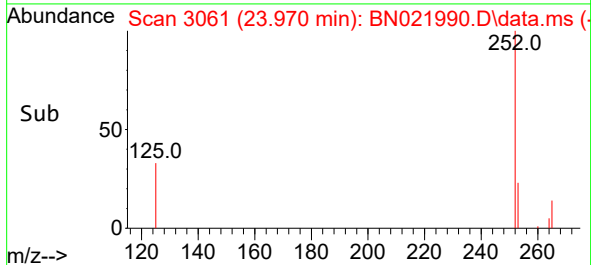
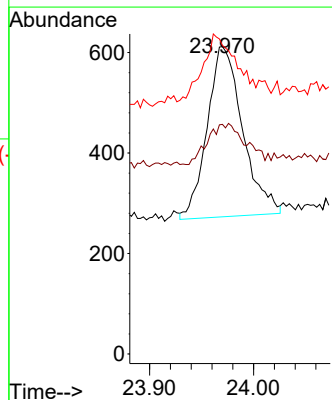
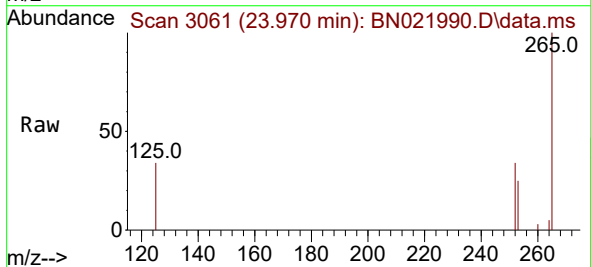
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

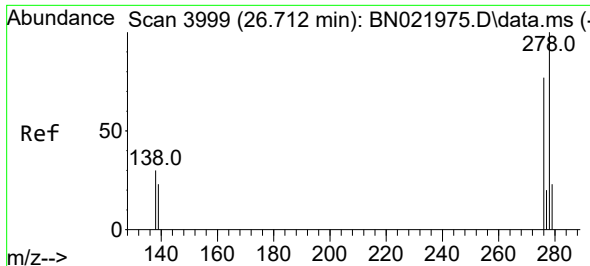
Tgt Ion:252 Resp: 1041
Ion Ratio Lower Upper
252 100
253 59.1 20.4 30.6#
125 68.8 15.8 23.6#



#39
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.970 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:252 Resp: 803
Ion Ratio Lower Upper
252 100
253 74.7 23.2 34.8#
125 100.3 21.1 31.7#

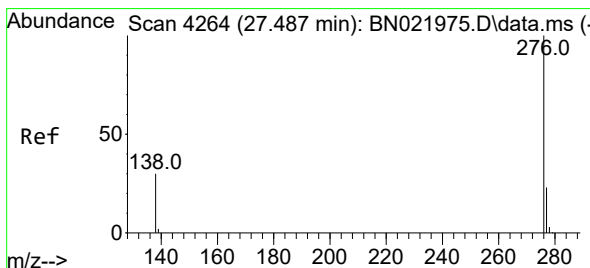
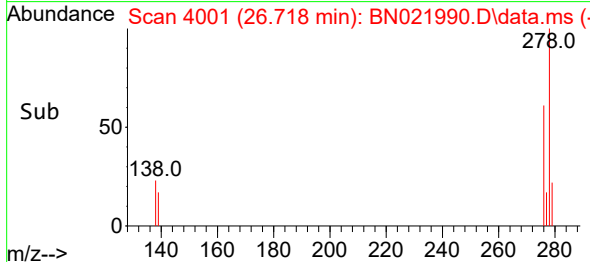
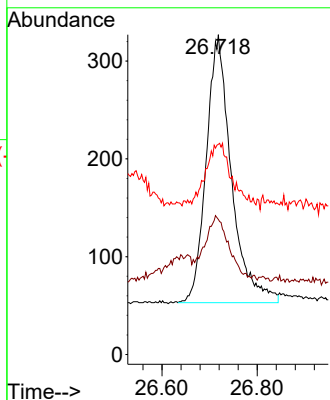
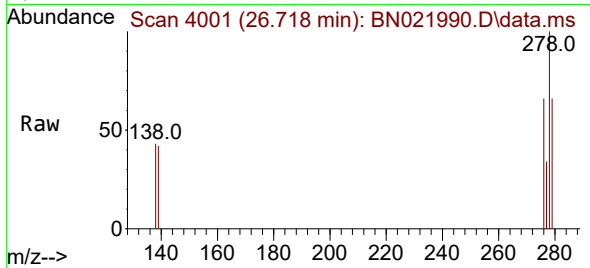




#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 26.718 min Scan# 40
Delta R.T. 0.006 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822

Tgt Ion:278 Resp: 1002
Ion Ratio Lower Upper
278 100
139 42.2 19.9 29.9#
279 65.7 21.9 32.9#



#41
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 27.490 min Scan# 4265
Delta R.T. 0.003 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:276 Resp: 844
Ion Ratio Lower Upper
276 100
277 42.2 20.0 30.0#
138 51.9 25.2 37.8#

