

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023143.D
 Acq On : 12 Dec 2022 19:52
 Operator : CG/JU
 Sample : N6001-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-7

Quant Time: Dec 13 05:46:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

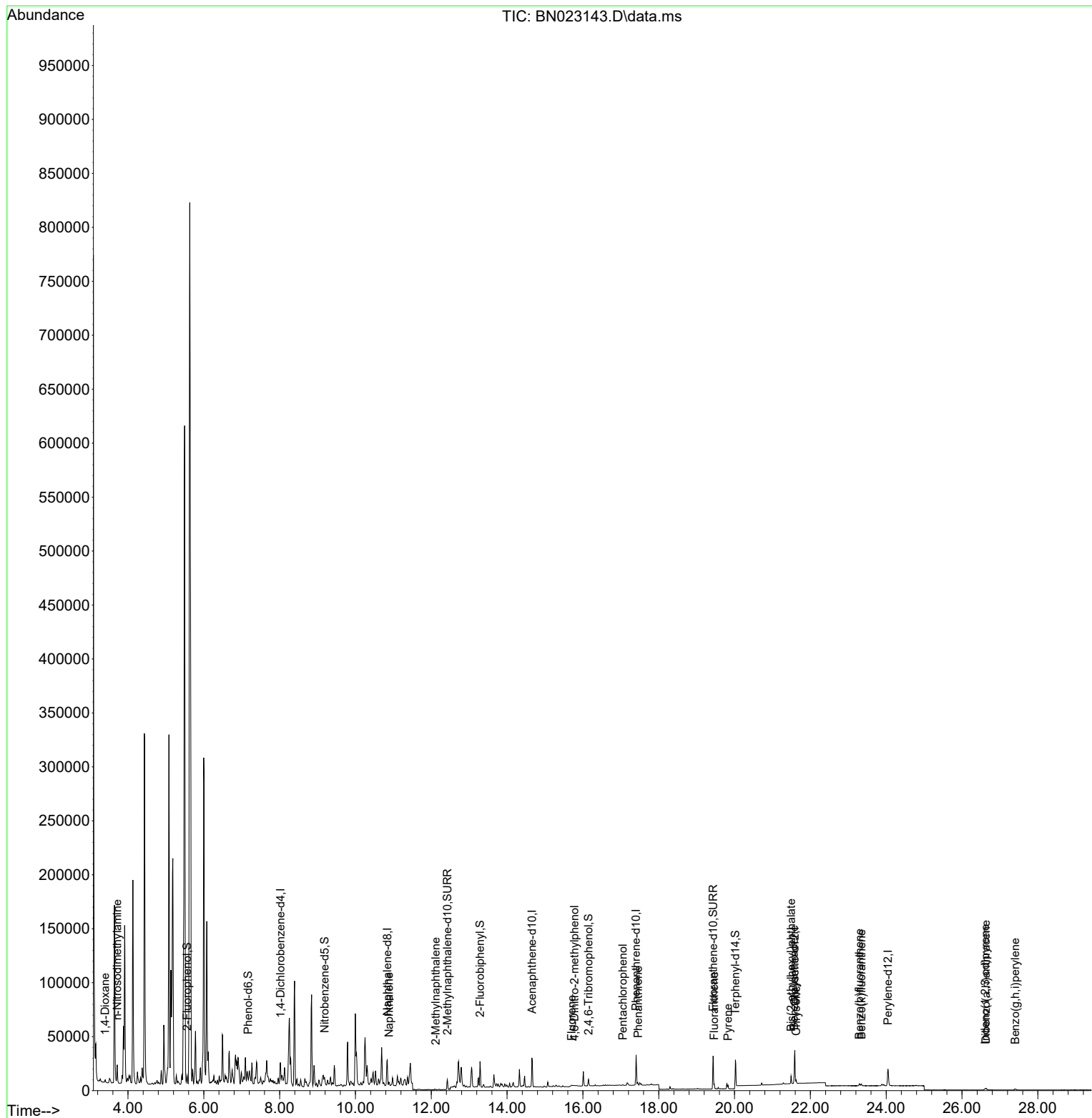
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	8362	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	26842	0.400	ng	# 0.00
13) Acenaphthene-d10	14.655	164	16272	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	33903	0.400	ng	# 0.00
29) Chrysene-d12	21.589	240	27052	0.400	ng	0.00
35) Perylene-d12	24.047	264	22843	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.558	112	7728	0.496	ng	0.00
5) Phenol-d6	7.168	99	2531	0.128	ng	0.00
8) Nitrobenzene-d5	9.185	82	6707	0.379	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	11942	0.262	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	3188	0.540	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	19642	0.302	ng	0.00
27) Fluoranthene-d10	19.435	212	30763	0.388	ng	0.00
31) Terphenyl-d14	20.022	244	18092	0.412	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.398	88	241	0.029	ng	# 1
3) n-Nitrosodimethylamine	3.716	42	1730	0.213	ng	# 1
9) Naphthalene	10.882	128	3999	0.058	ng	# 94
12) 2-Methylnaphthalene	12.121	142	393	0.039	ng	# 1
18) Fluorene	15.703	166	1369	0.025	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.776	198	69	0.242	ng	# 1
24) Pentachlorophenol	17.054	266	230	0.028	ng	# 83
25) Phenanthrene	17.452	178	3017	0.030	ng	# 92
28) Fluoranthene	19.464	202	3306	0.031	ng	# 92
30) Pyrene	19.827	202	3059	0.031	ng	# 94
32) Benzo(a)anthracene	21.571	228	2301	0.026	ng	# 88
33) Chrysene	21.625	228	2337	0.024	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.491	149	6699	0.182	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.611	276	2052	0.020	ng	# 97
37) Benzo(b)fluoranthene	23.293	252	2295	0.024	ng	# 27
38) Benzo(k)fluoranthene	23.343	252	2079	0.022	ng	# 23
40) Dibenzo(a,h)anthracene	26.632	278	1649	0.020	ng	# 46
41) Benzo(g,h,i)perylene	27.404	276	1964	0.022	ng	# 73

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

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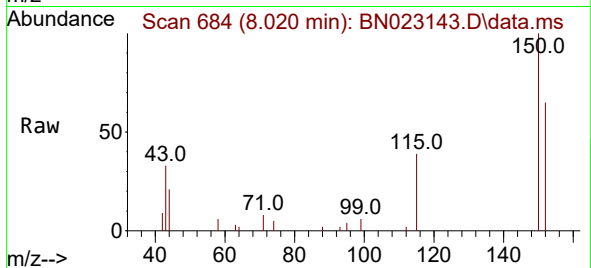
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
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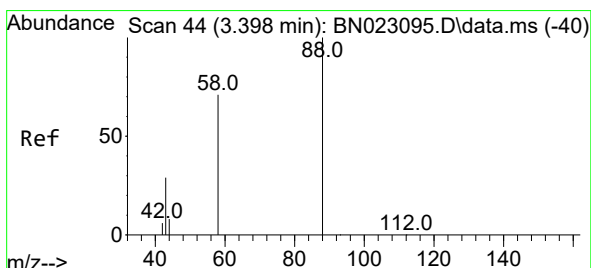
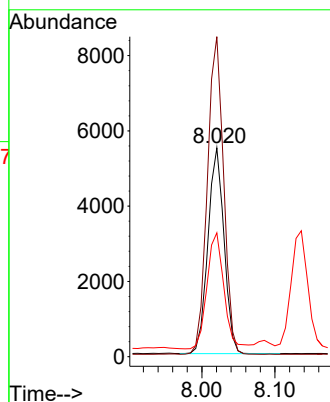
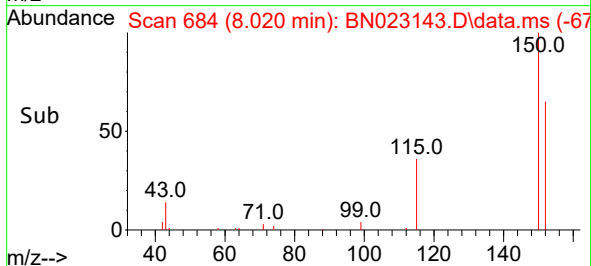


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN023143.D
 Acq: 12 Dec 2022 19:52

Instrument :
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 ClientSampleId :
 MW-7

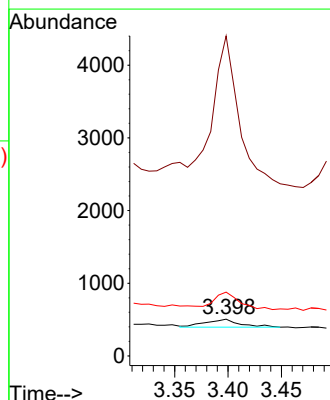
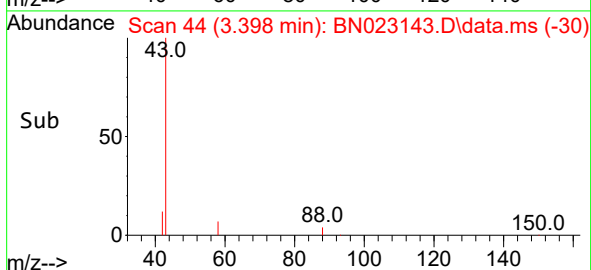
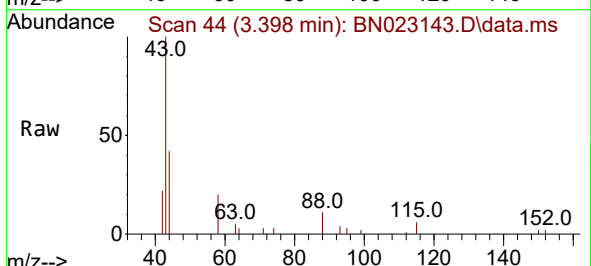


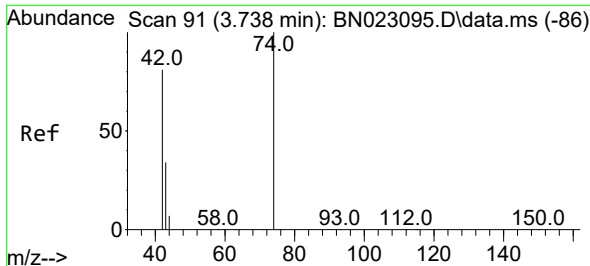
Tgt Ion:152 Resp: 8362
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.6 188.4
 115 59.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.398 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BN023143.D
 Acq: 12 Dec 2022 19:52

Tgt Ion: 88 Resp: 241
 Ion Ratio Lower Upper
 88 100
 43 1645.6 23.3 34.9#
 58 152.3 58.0 87.0#

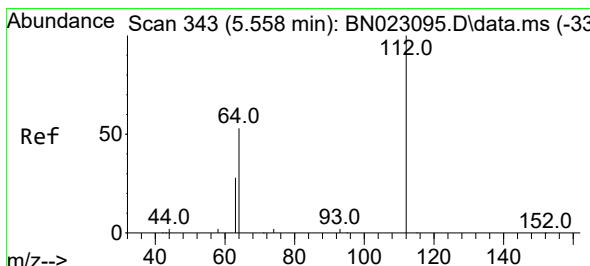
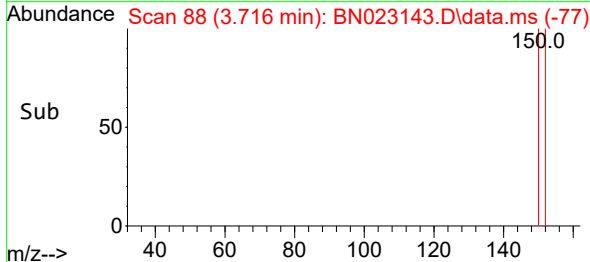
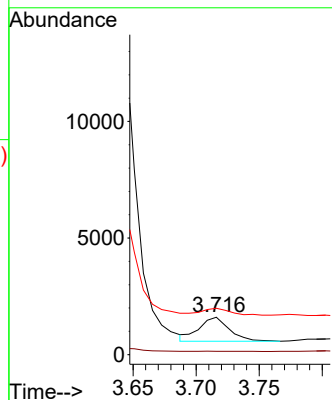
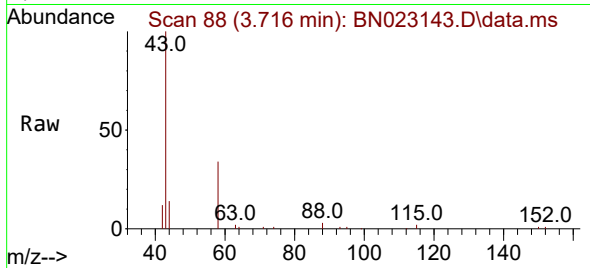




#3
n-Nitrosodimethylamine
Concen: 0.213 ng
RT: 3.716 min Scan# 81
Delta R.T. -0.022 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

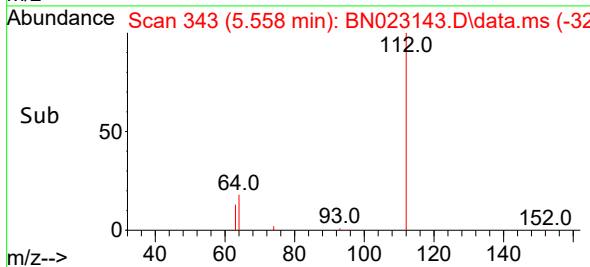
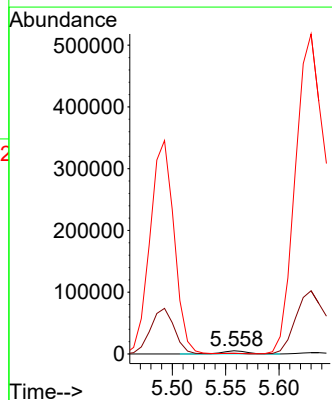
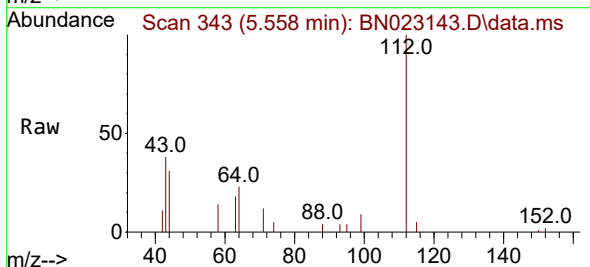
Instrument :
BNA_N
ClientSampleId :
MW-7

Tgt Ion: 42 Resp: 1730
Ion Ratio Lower Upper
42 100
74 0.0 95.8 143.6#
44 25.4 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.496 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion: 112 Resp: 7728
Ion Ratio Lower Upper
112 100
64 0.0 44.4 66.6#
63 0.0 23.7 35.5#

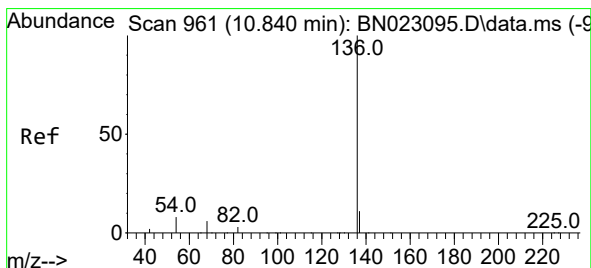
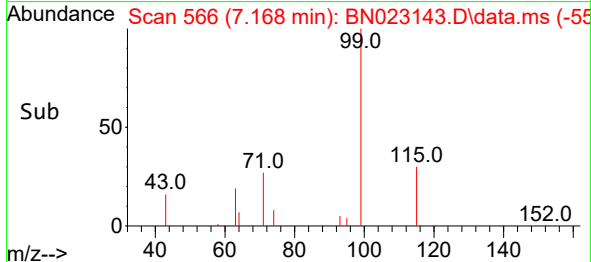
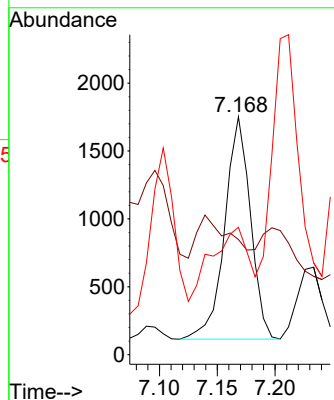
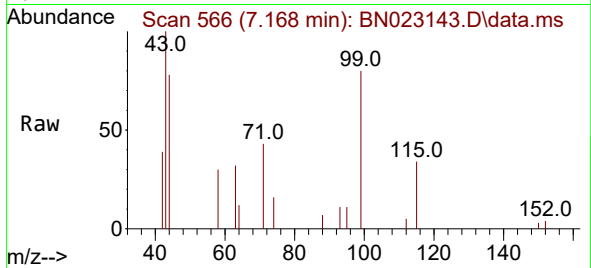




#5
Phenol-d6
Concen: 0.128 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

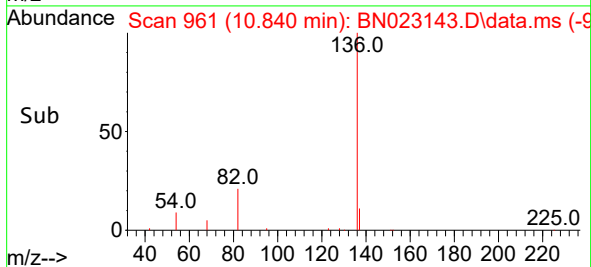
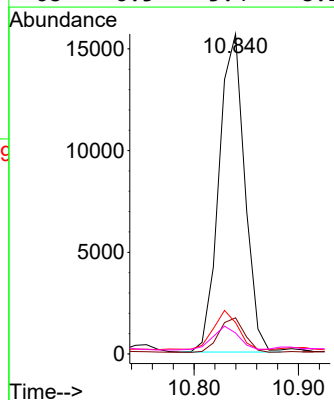
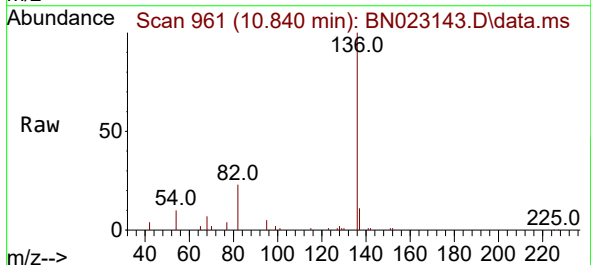
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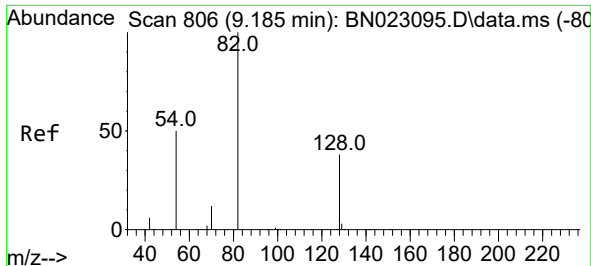
Tgt Ion: 99 Resp: 2531
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 47.3 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion: 136 Resp: 26842
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.8 6.5 9.7#
68 6.5 5.4 8.2

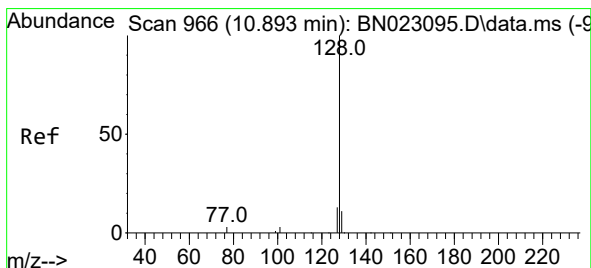
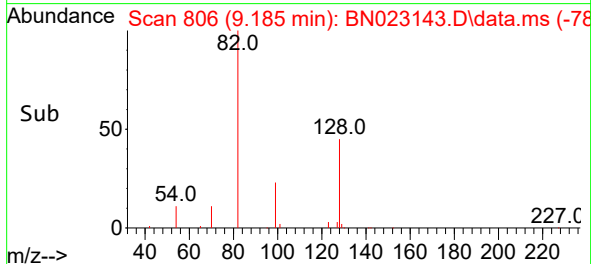
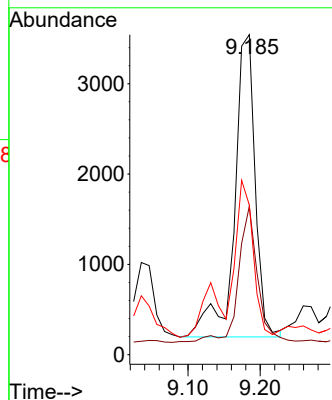
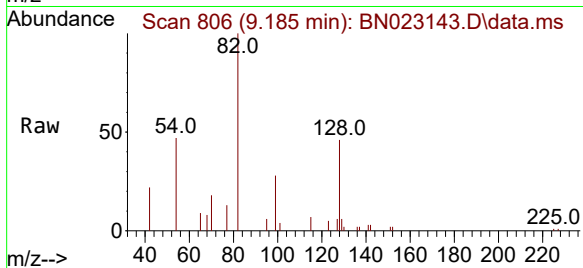




#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

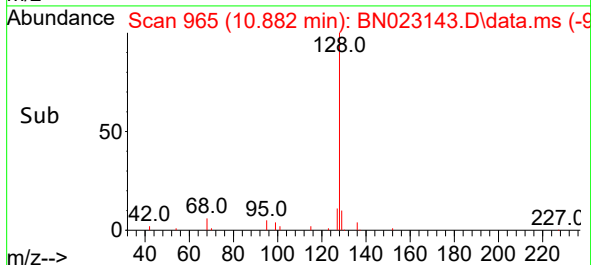
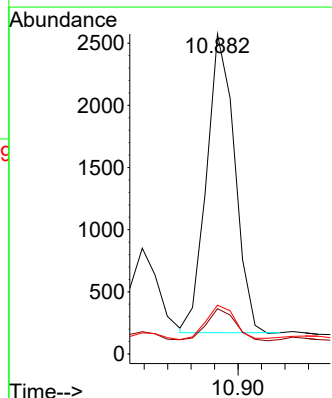
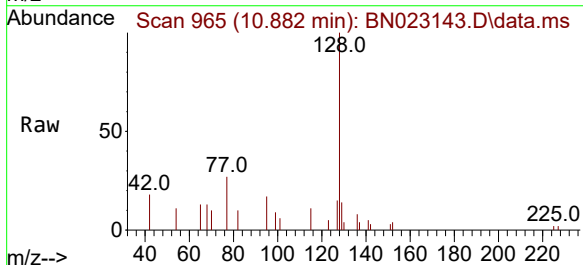
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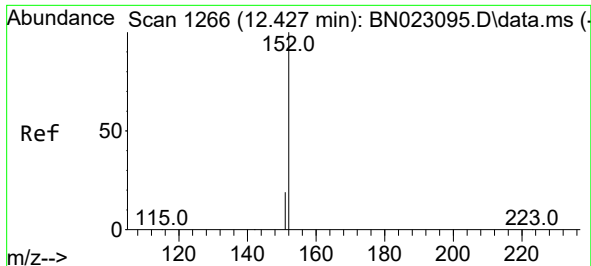
Tgt Ion: 82 Resp: 6707
Ion Ratio Lower Upper
82 100
128 46.4 31.4 47.2
54 46.8 41.0 61.4



#9
Naphthalene
Concen: 0.058 ng
RT: 10.882 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion: 128 Resp: 3999
Ion Ratio Lower Upper
128 100
129 14.2 9.0 13.6#
127 15.3 10.5 15.7

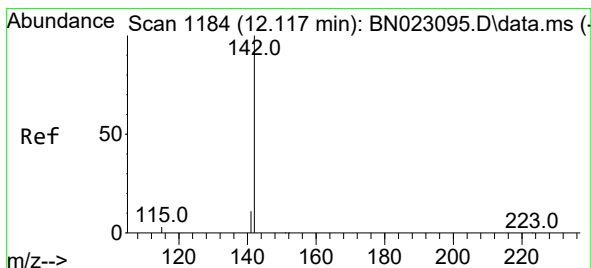
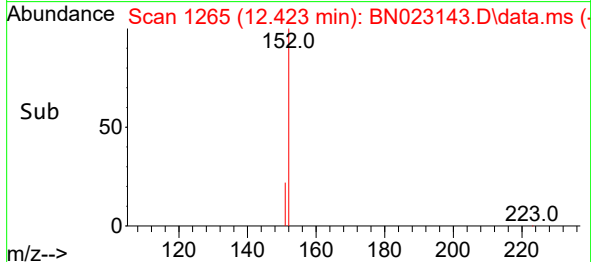
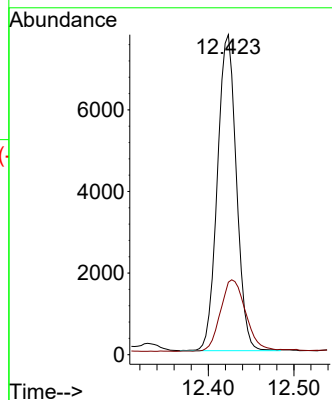
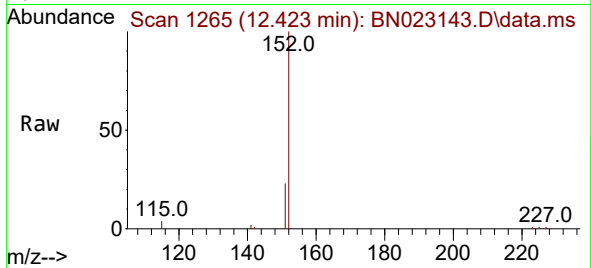




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.423 min Scan# 11942
Delta R.T. 0.004 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

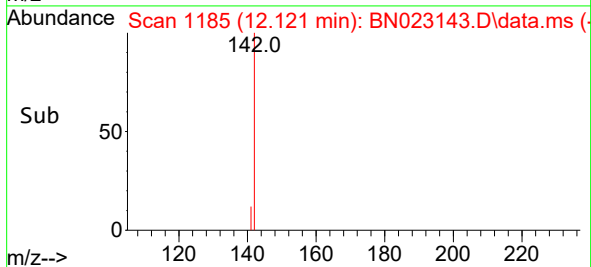
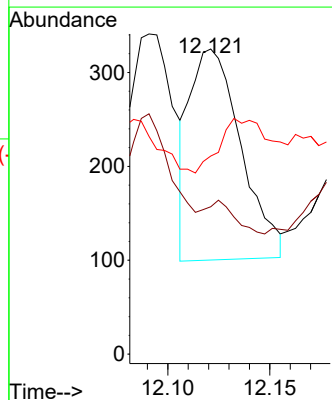
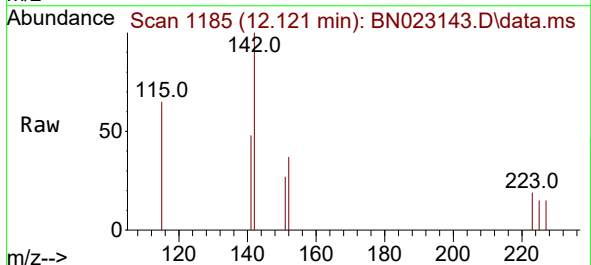
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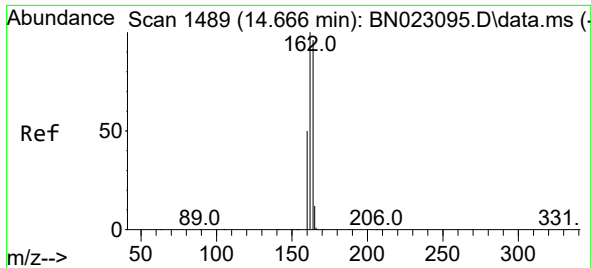
Tgt Ion:152 Resp: 11942
Ion Ratio Lower Upper
152 100
151 30.5 15.1 22.7#



#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.121 min Scan# 1185
Delta R.T. 0.007 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion:142 Resp: 393
Ion Ratio Lower Upper
142 100
141 48.3 10.9 16.3#
115 64.9 5.7 8.5#

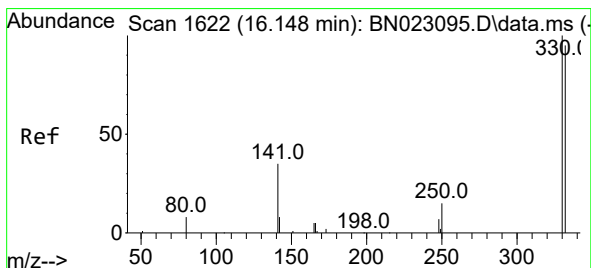
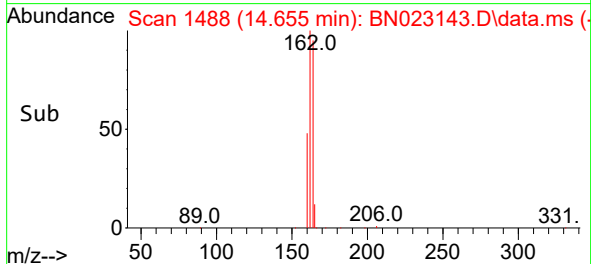
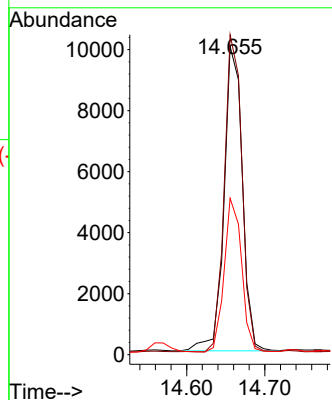
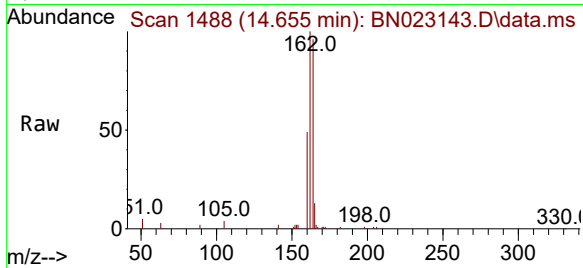




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

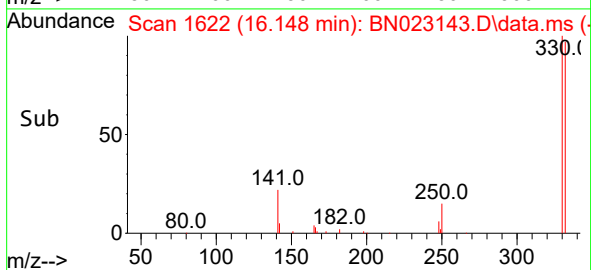
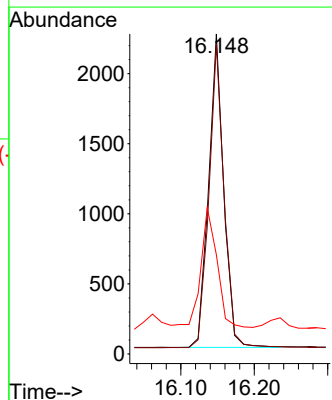
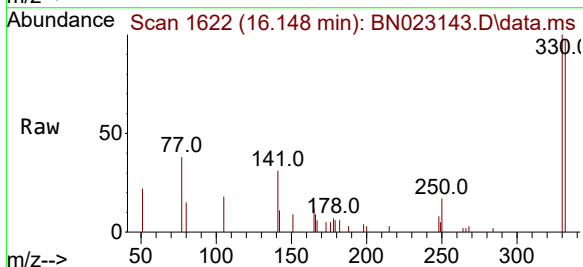
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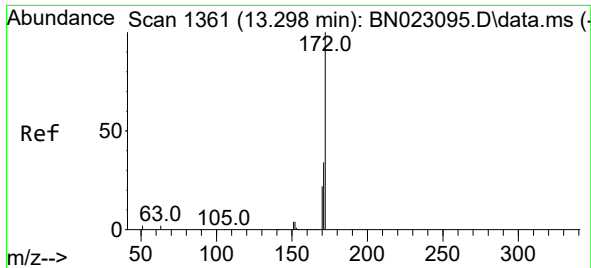
Tgt Ion:164 Resp: 16272
Ion Ratio Lower Upper
164 100
162 103.8 83.4 125.0
160 50.7 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.540 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion:330 Resp: 3188
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 40.6 33.5 50.3

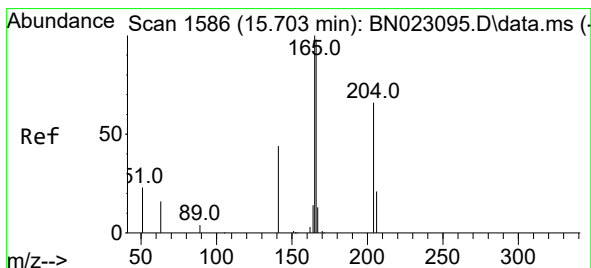
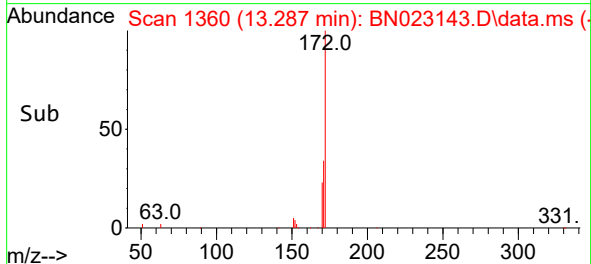
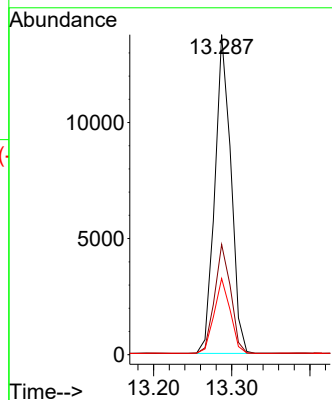
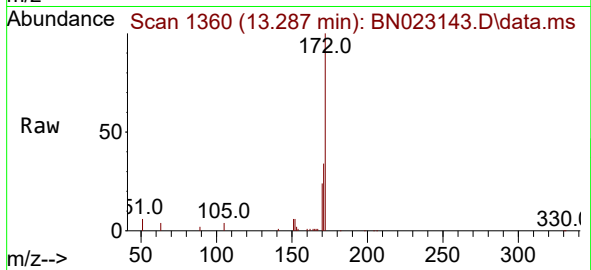




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

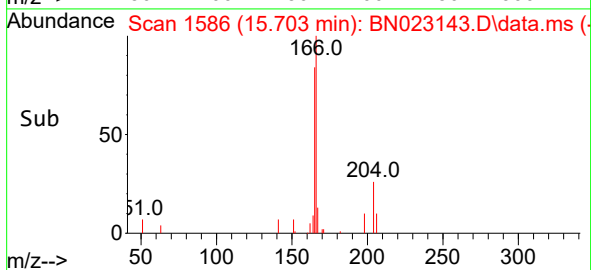
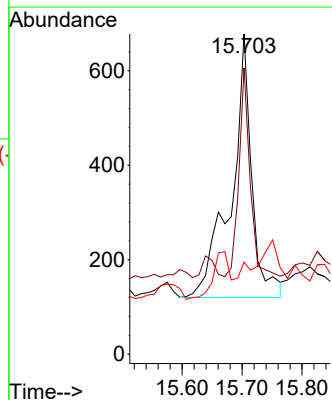
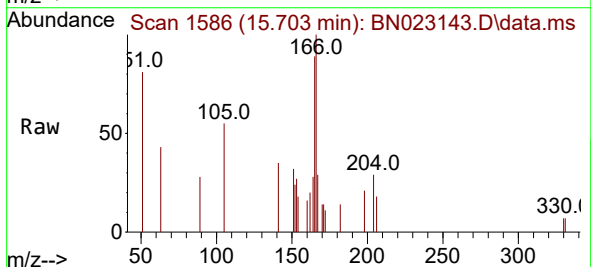
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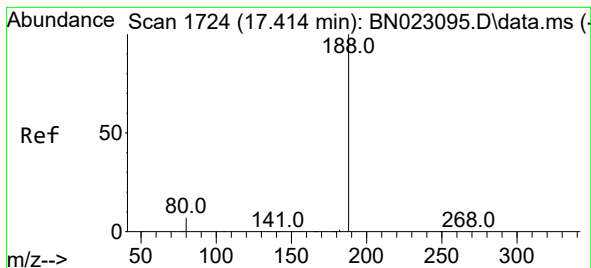
Tgt Ion:172 Resp: 19642
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.8 17.9 26.9



#18
Fluorene
Concen: 0.025 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion:166 Resp: 1369
Ion Ratio Lower Upper
166 100
165 43.6 79.8 119.6#
167 0.0 10.6 16.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

Instrument :

BNA_N

ClientSampleId :

MW-7

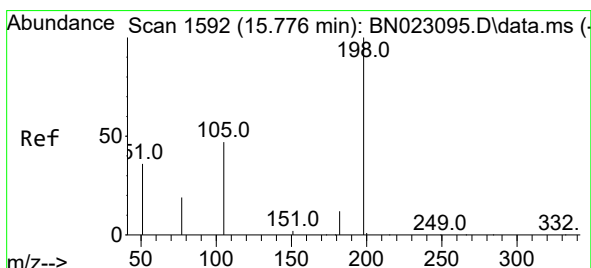
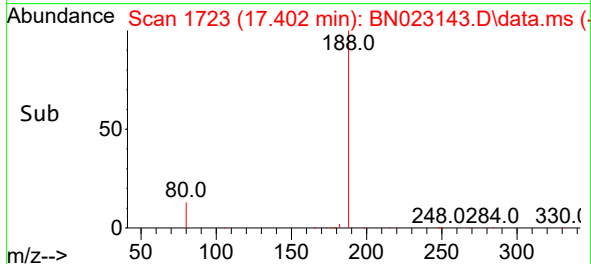
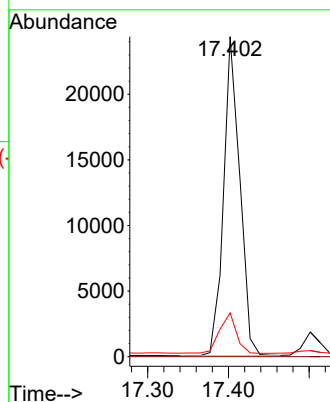
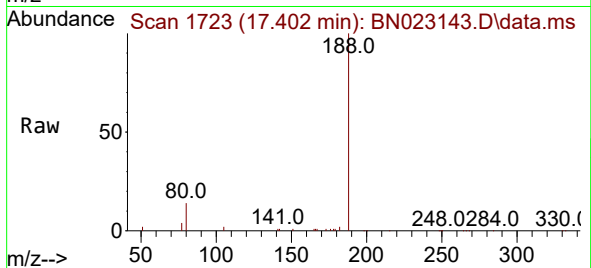
Tgt Ion:188 Resp: 33903

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 6.1 9.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.242 ng

RT: 15.776 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

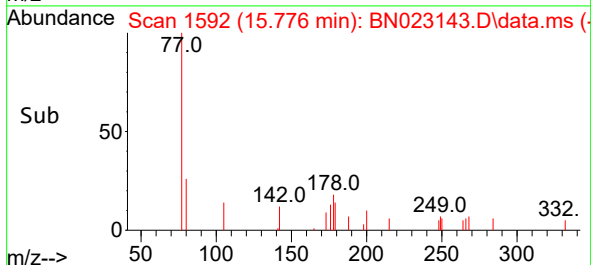
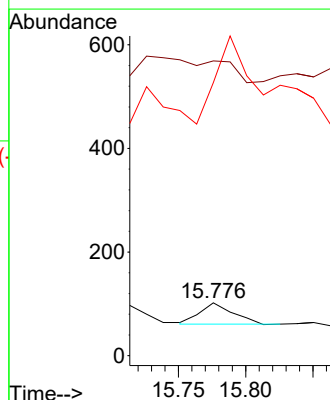
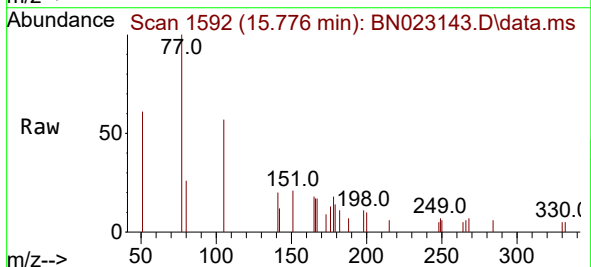
Tgt Ion:198 Resp: 69

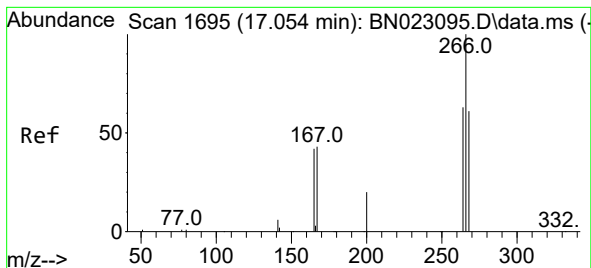
Ion Ratio Lower Upper

198 100

51 557.8 57.0 85.4#

105 516.7 47.2 70.8#





#24

Pentachlorophenol

Concen: 0.028 ng

RT: 17.054 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

Instrument :

BNA_N

ClientSampleId :

MW-7

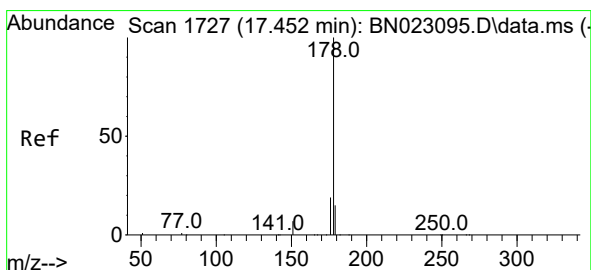
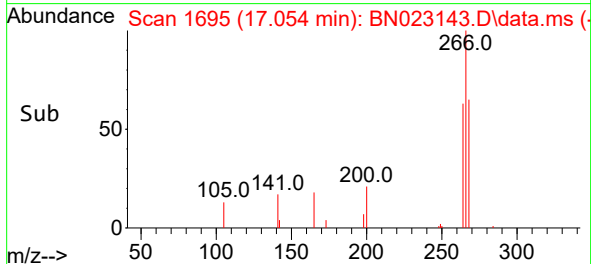
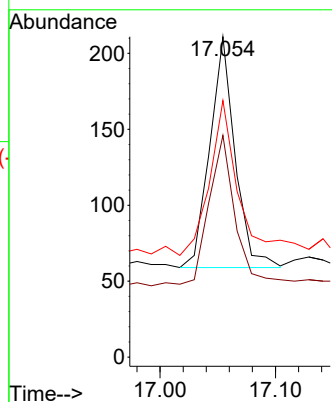
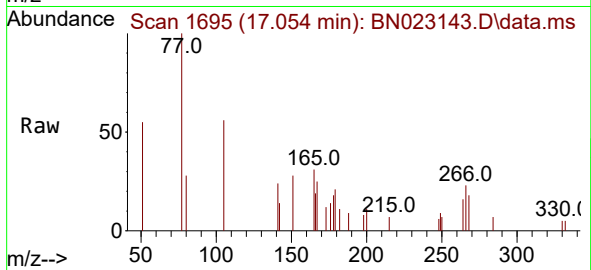
Tgt Ion:266 Resp: 230

Ion Ratio Lower Upper

266 100

264 73.9 50.1 75.1

268 77.0 49.7 74.5#



#25

Phenanthrene

Concen: 0.030 ng

RT: 17.452 min Scan# 1727

Delta R.T. 0.012 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

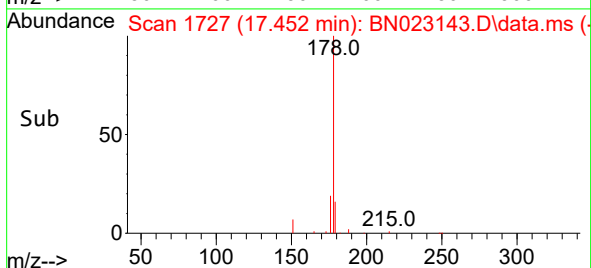
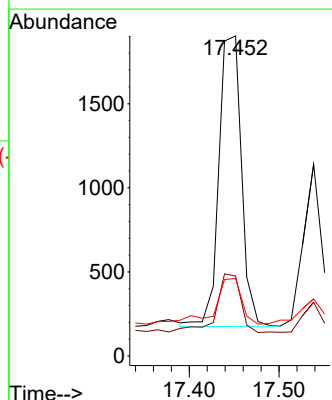
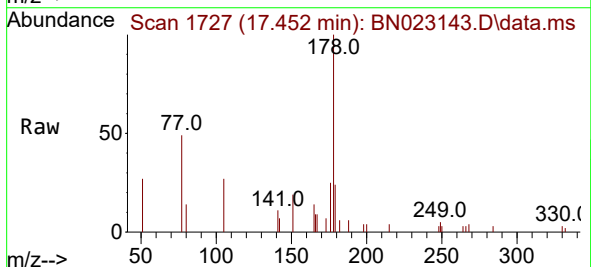
Tgt Ion:178 Resp: 3017

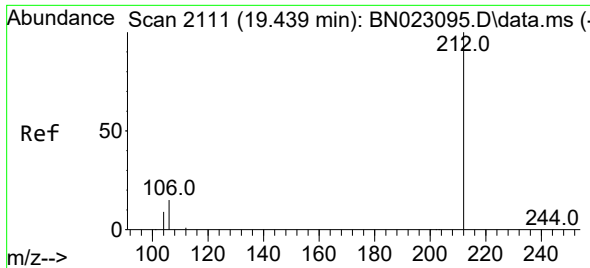
Ion Ratio Lower Upper

178 100

176 22.2 15.4 23.2

179 19.2 12.2 18.2#

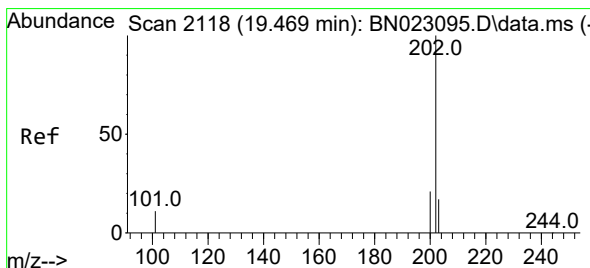
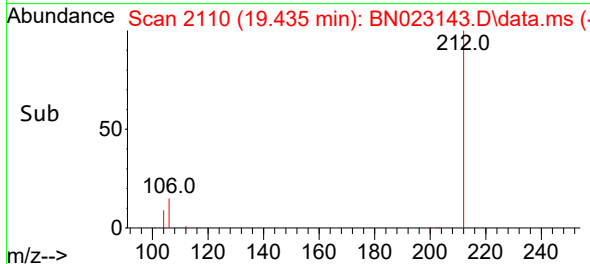
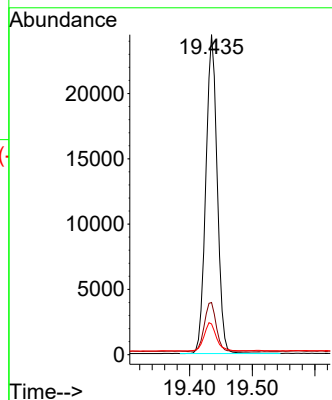
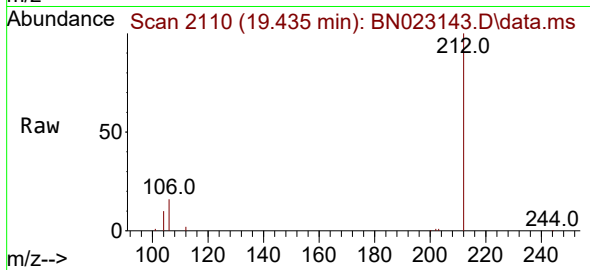




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.435 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

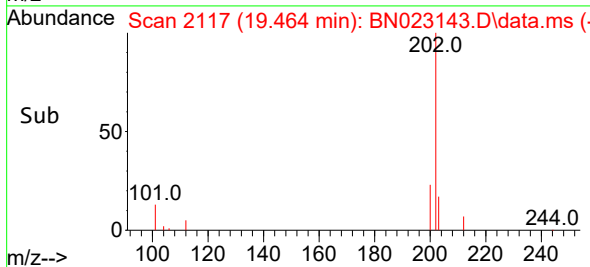
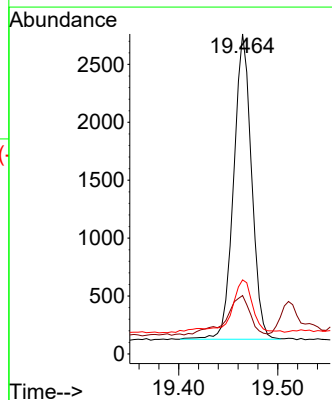
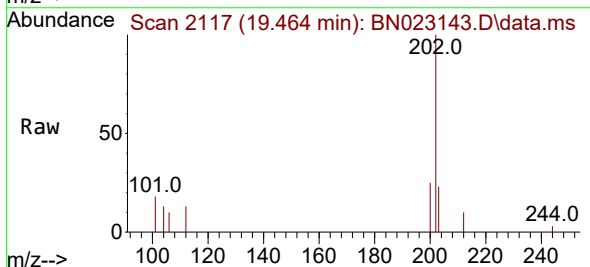
Instrument :
BNA_N
ClientSampleId :
MW-7

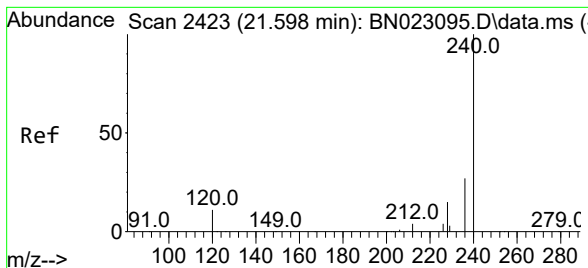
Tgt Ion:212 Resp: 30763
Ion Ratio Lower Upper
212 100
106 16.0 13.0 19.4
104 9.5 7.5 11.3



#28
Fluoranthene
Concen: 0.031 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion:202 Resp: 3306
Ion Ratio Lower Upper
202 100
101 17.3 9.7 14.5#
203 18.8 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.589 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

Instrument :

BNA_N

ClientSampleId :

MW-7

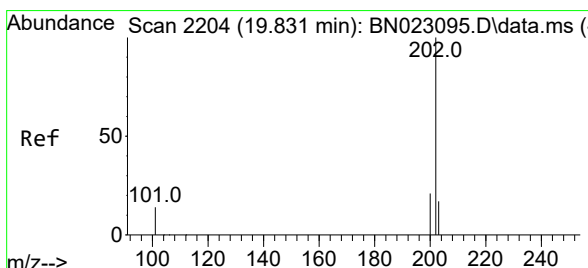
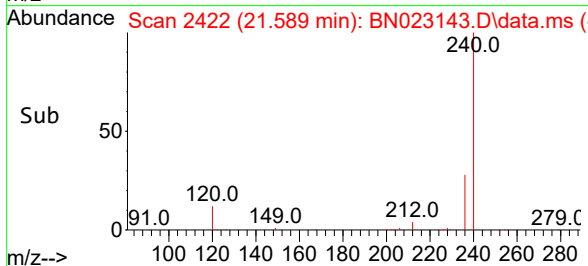
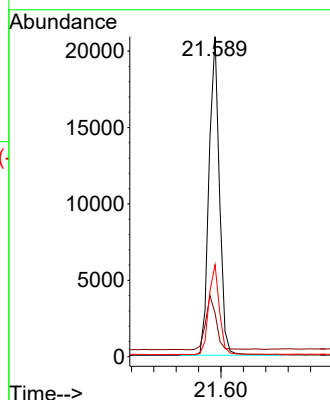
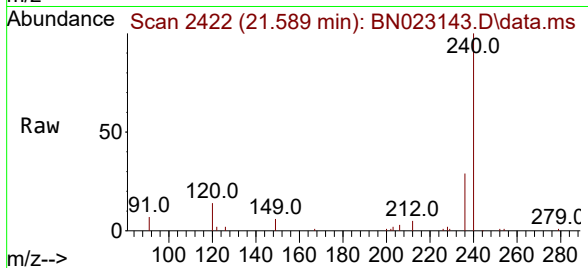
Tgt Ion:240 Resp: 27052

Ion Ratio Lower Upper

240 100

120 13.6 10.1 15.1

236 28.7 22.2 33.4



#30

Pyrene

Concen: 0.031 ng

RT: 19.827 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

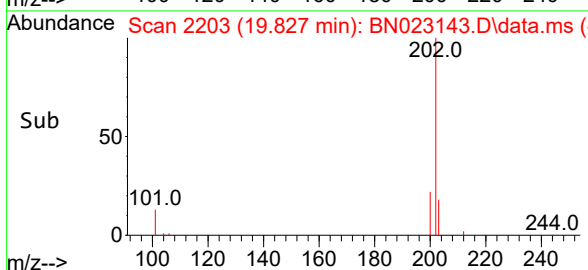
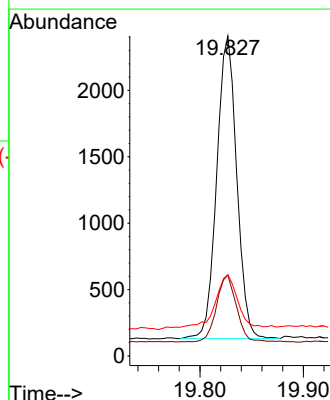
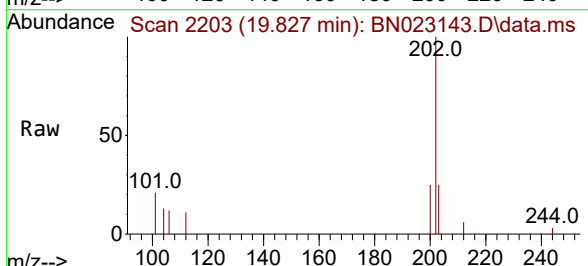
Tgt Ion:202 Resp: 3059

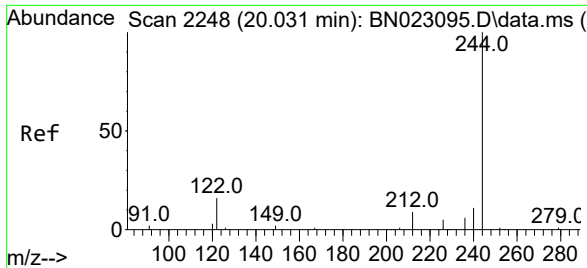
Ion Ratio Lower Upper

202 100

200 22.4 16.9 25.3

203 22.0 14.2 21.4#

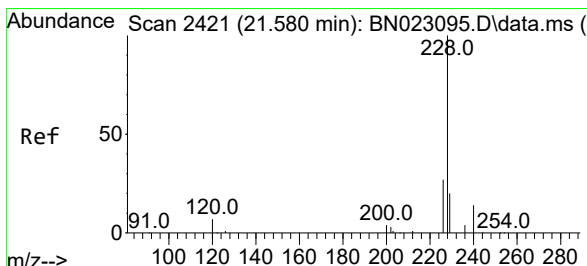
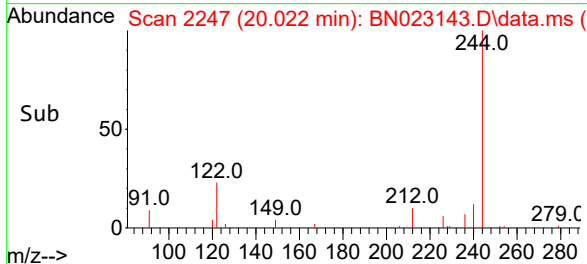
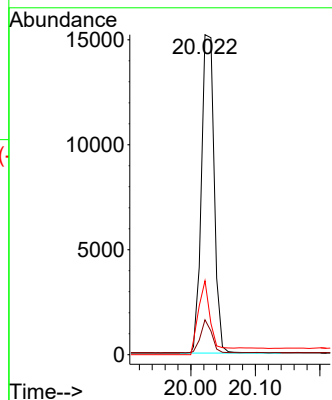
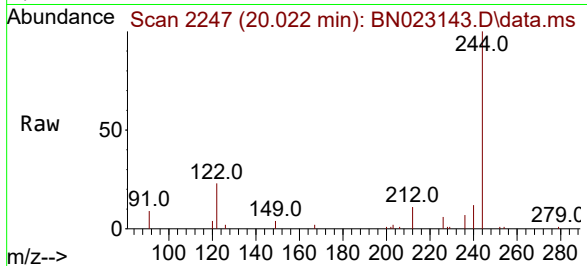




#31
 Terphenyl-d14
 Concen: 0.412 ng
 RT: 20.022 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN023143.D
 Acq: 12 Dec 2022 19:52

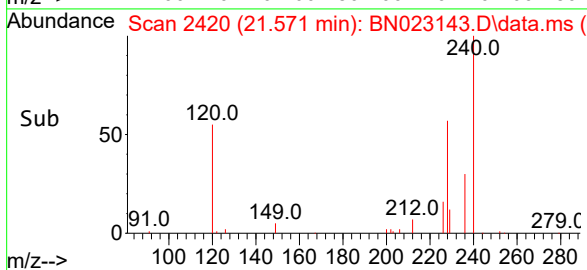
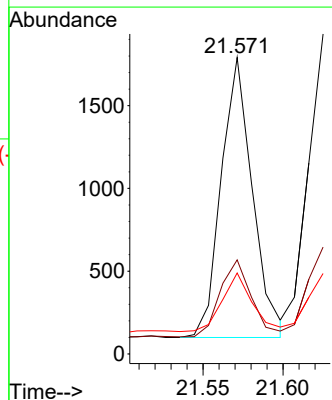
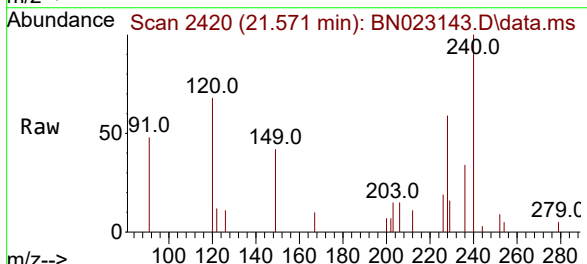
Instrument :
 BNA_N
 ClientSampleId :
 MW-7

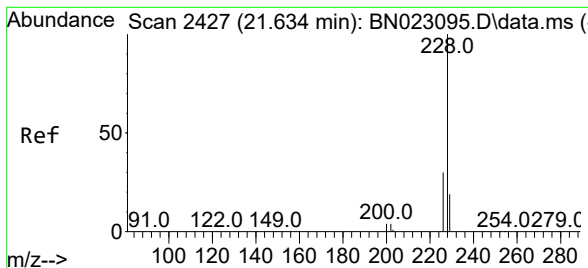
Tgt Ion:244 Resp: 18092
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.6 11.4
 122 23.1 12.6 18.8#



#32
 Benzo(a)anthracene
 Concen: 0.026 ng
 RT: 21.571 min Scan# 2420
 Delta R.T. -0.000 min
 Lab File: BN023143.D
 Acq: 12 Dec 2022 19:52

Tgt Ion:228 Resp: 2301
 Ion Ratio Lower Upper
 228 100
 226 31.7 22.0 33.0
 229 27.3 15.8 23.8#





#33

Chrysene

Concen: 0.024 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

Instrument :

BNA_N

ClientSampleId :

MW-7

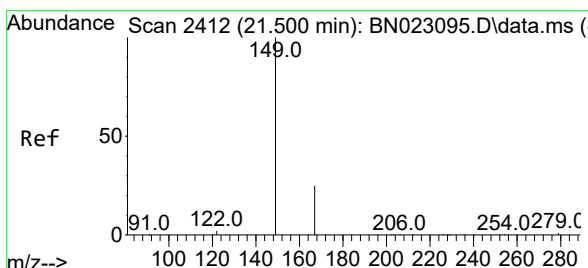
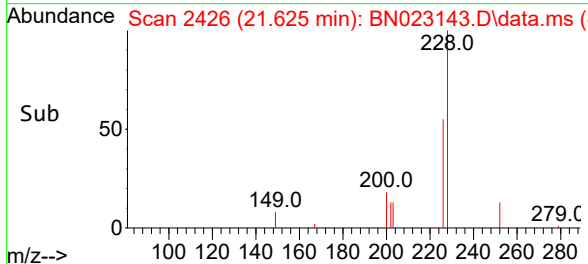
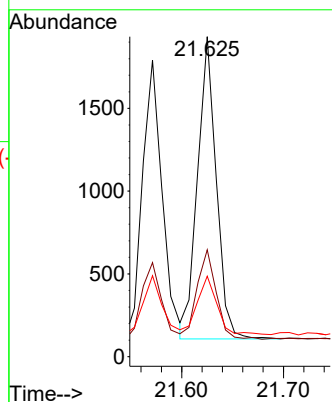
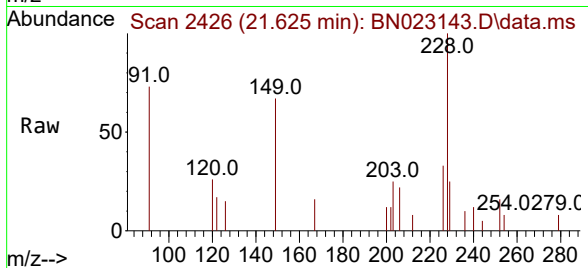
Tgt Ion:228 Resp: 2337

Ion Ratio Lower Upper

228 100

226 33.4 24.4 36.6

229 25.1 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.182 ng

RT: 21.491 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

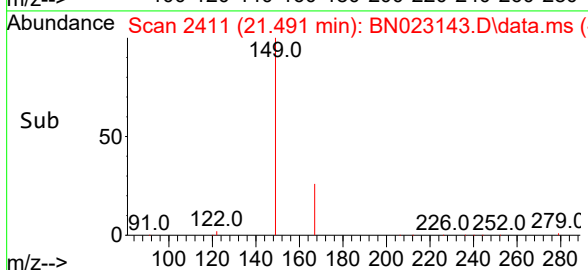
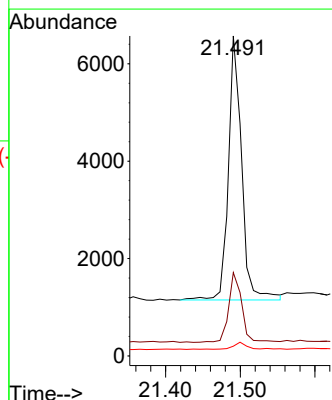
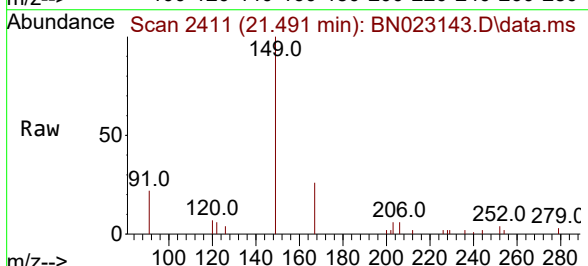
Tgt Ion:149 Resp: 6699

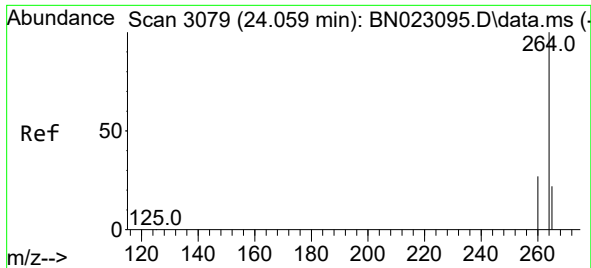
Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.2

279 2.6 2.3 3.5



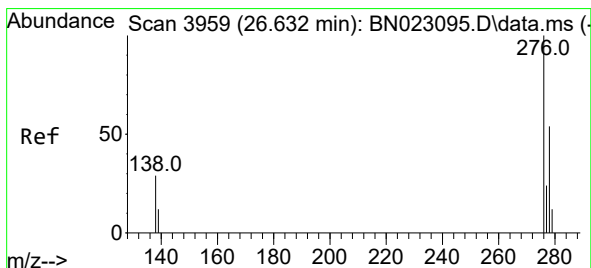
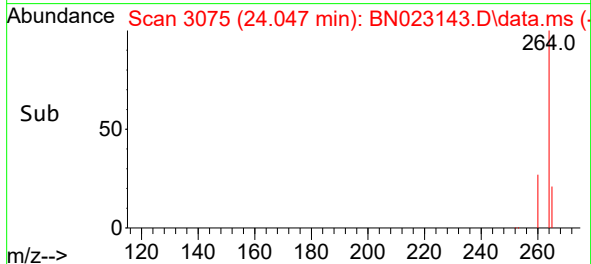
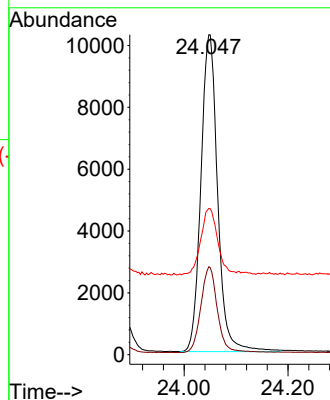
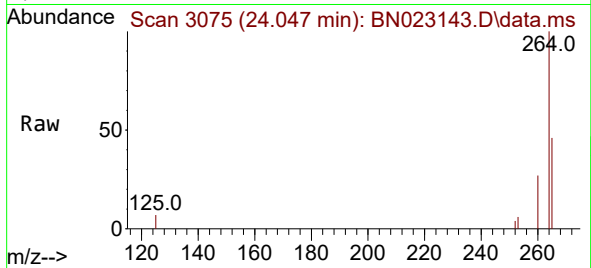


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.047 min Scan# 3075
Delta R.T. -0.003 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Instrument :
BNA_N
ClientSampleId :
MW-7

Tgt Ion:264 Resp: 22843

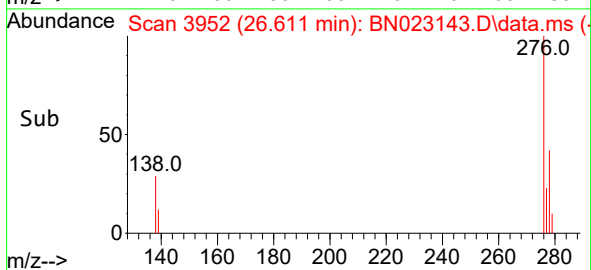
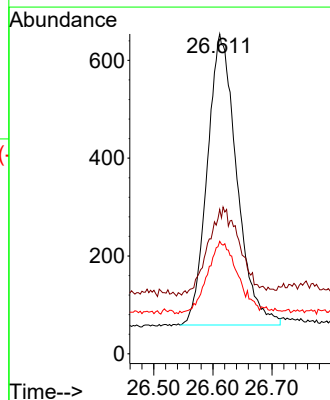
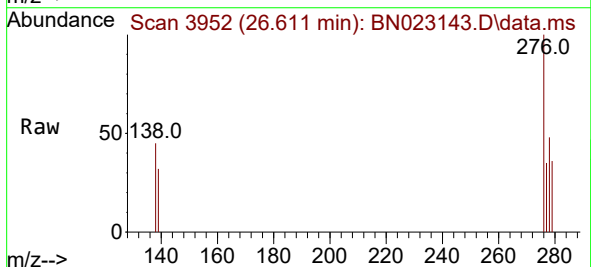
Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.7	32.5
265	45.7	43.2	64.8

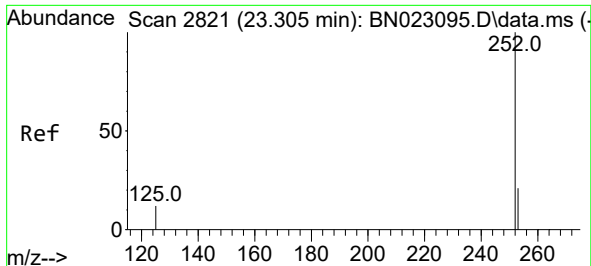


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 26.611 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion:276 Resp: 2052

Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.0	37.6
277	25.6	19.8	29.8





#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 23.293 min Scan# 2817

Delta R.T. -0.003 min

Lab File: BN023143.D

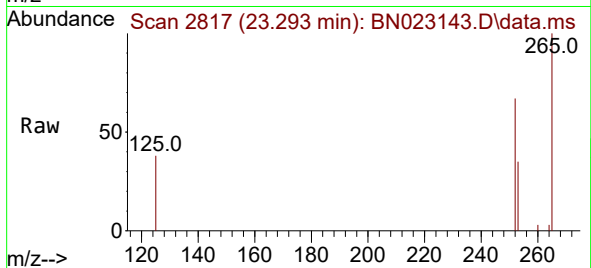
Acq: 12 Dec 2022 19:52

Instrument :

BNA_N

ClientSampleId :

MW-7



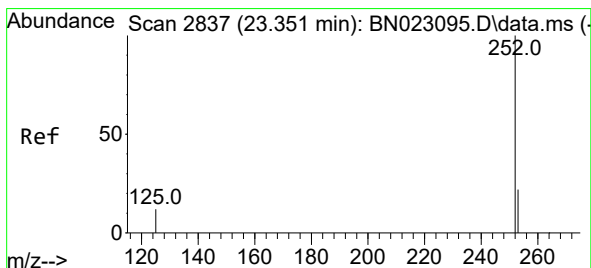
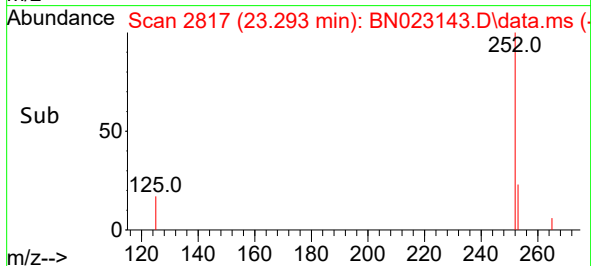
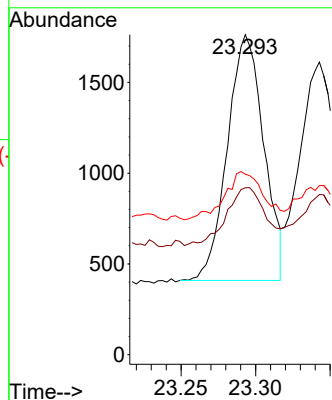
Tgt Ion:252 Resp: 2295

Ion Ratio Lower Upper

252 100

253 52.1 19.0 28.4#

125 56.4 12.8 19.2#



#38

Benzo(k)fluoranthene

Concen: 0.022 ng

RT: 23.343 min Scan# 2834

Delta R.T. -0.003 min

Lab File: BN023143.D

Acq: 12 Dec 2022 19:52

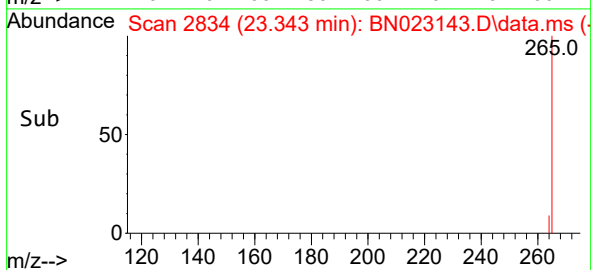
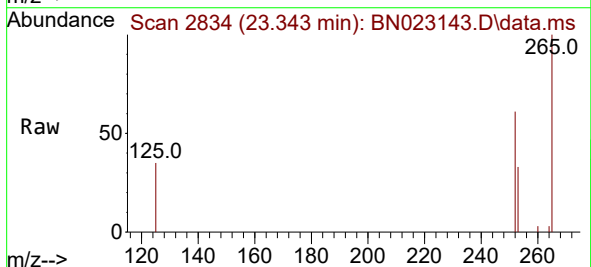
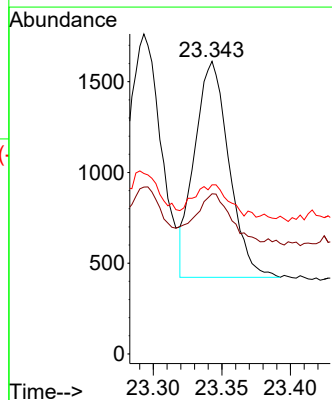
Tgt Ion:252 Resp: 2079

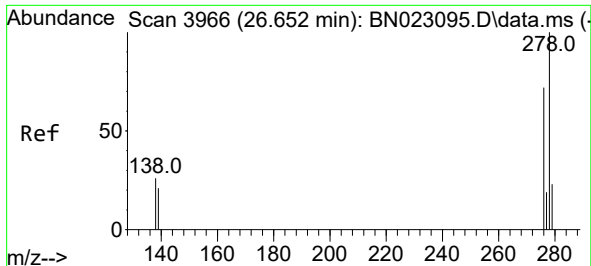
Ion Ratio Lower Upper

252 100

253 54.7 19.1 28.7#

125 57.8 12.5 18.7#

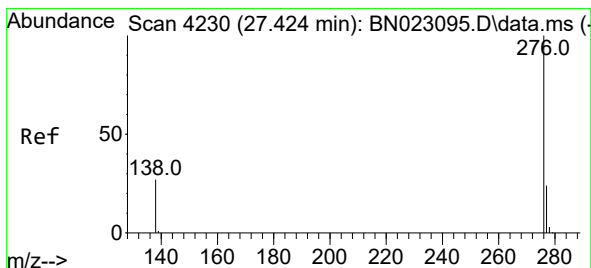
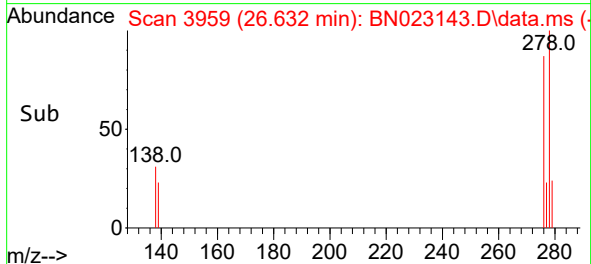
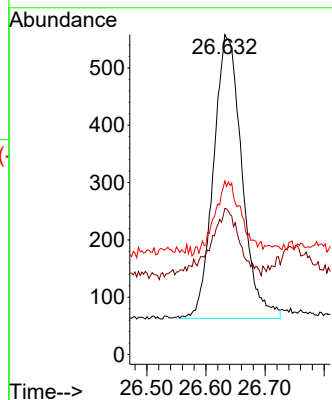
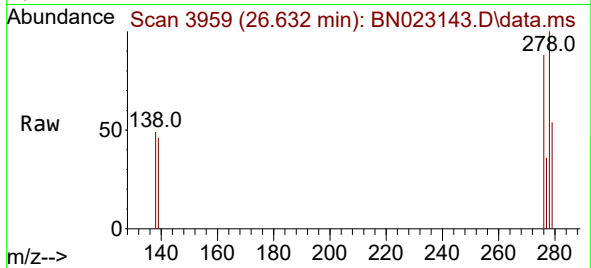




#40
Dibenzo(a,h)anthracene
Concen: 0.020 ng
RT: 26.632 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Instrument :
BNA_N
ClientSampleId :
MW-7

Tgt Ion:278 Resp: 1649
Ion Ratio Lower Upper
278 100
139 45.7 17.5 26.3#
279 54.3 20.5 30.7#



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 27.404 min Scan# 4223
Delta R.T. -0.006 min
Lab File: BN023143.D
Acq: 12 Dec 2022 19:52

Tgt Ion:276 Resp: 1964
Ion Ratio Lower Upper
276 100
277 34.5 19.9 29.9#
138 45.6 22.2 33.2#

