

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024256.D
 Acq On : 13 Mar 2023 21:49
 Operator : CG/JU
 Sample : 01837-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MSD

Quant Time: Mar 14 03:33:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 03:11:52 2023
 Response via : Initial Calibration

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

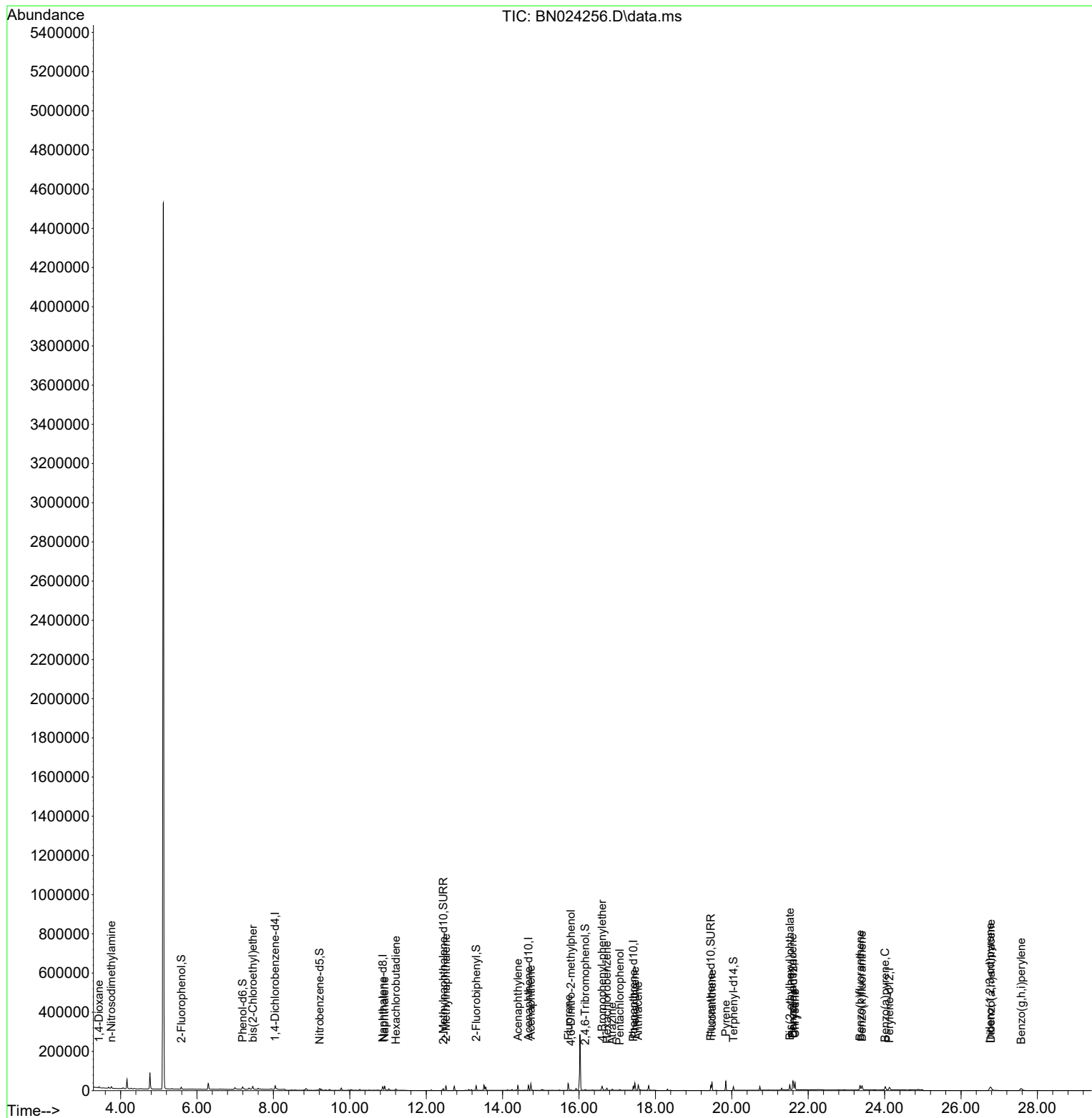
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8734	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	25295	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	13618	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	28837	0.400	ng	0.00
29) Chrysene-d12	21.610	240	23783	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	20721	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	7894	0.408	ng	0.00
5) Phenol-d6	7.195	99	10494	0.422	ng	0.00
8) Nitrobenzene-d5	9.211	82	6471	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	12835	0.413	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2131	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	19304	0.375	ng	0.00
27) Fluoranthene-d10	19.450	212	26011	0.425	ng	0.00
31) Terphenyl-d14	20.043	244	15107	0.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	3463	0.364	ng	# 73
3) n-Nitrosodimethylamine	3.757	42	5403	0.388	ng	# 97
6) bis(2-Chloroethyl)ether	7.462	93	10193	0.414	ng	99
9) Naphthalene	10.909	128	26794	0.417	ng	99
10) Hexachlorobutadiene	11.208	225	4784	0.392	ng	# 99
12) 2-Methylnaphthalene	12.516	142	17141	0.395	ng	99
16) Acenaphthylene	14.397	152	25140	0.389	ng	100
17) Acenaphthene	14.740	154	16060	0.391	ng	99
18) Fluorene	15.725	166	19296	0.393	ng	98
20) 4,6-Dinitro-2-methylph...	15.787	198	1015	0.367	ng	98
21) 4-Bromophenyl-phenylether	16.606	248	7182	0.419	ng	# 70
22) Hexachlorobenzene	16.730	284	8297	0.394	ng	100
23) Atrazine	16.867	200	4558	0.419	ng	# 88
24) Pentachlorophenol	17.065	266	1673	0.259	ng	99
25) Phenanthrene	17.462	178	34607	0.405	ng	99
26) Anthracene	17.549	178	30889	0.392	ng	100
28) Fluoranthene	19.480	202	38191	0.408	ng	99
30) Pyrene	19.842	202	40298	0.418	ng	100
32) Benzo(a)anthracene	21.592	228	33779	0.425	ng	99
33) Chrysene	21.655	228	33681	0.397	ng	100
34) Bis(2-ethylhexyl)phtha...	21.520	149	25783	0.690	ng	99
36) Indeno(1,2,3-cd)pyrene	26.760	276	29822	0.384	ng	99
37) Benzo(b)fluoranthene	23.354	252	32144	0.399	ng	99
38) Benzo(k)fluoranthene	23.407	252	31745	0.382	ng	97
39) Benzo(a)pyrene	24.015	252	27584	0.373	ng	99
40) Dibenzo(a,h)anthracene	26.784	278	23002	0.383	ng	99
41) Benzo(g,h,i)perylene	27.573	276	27080	0.386	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
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Sample : 01837-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

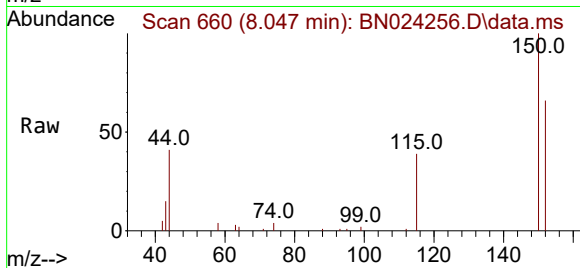
Quant Time: Mar 14 03:33:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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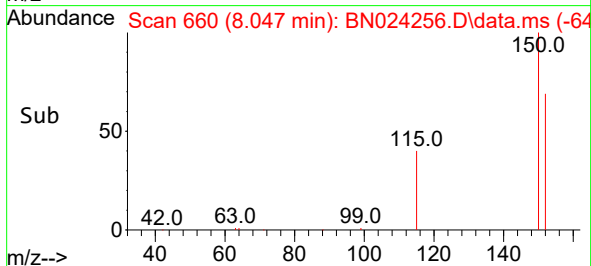
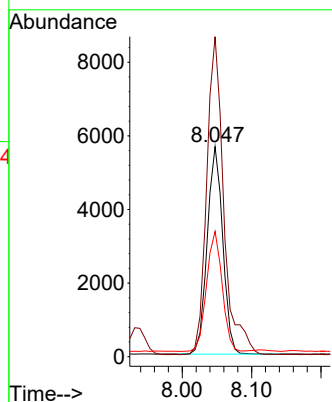


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.000 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MSD

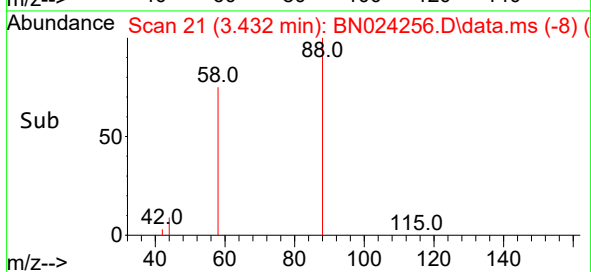
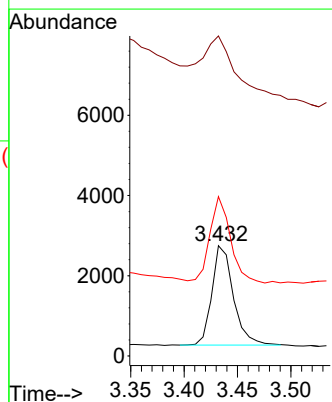
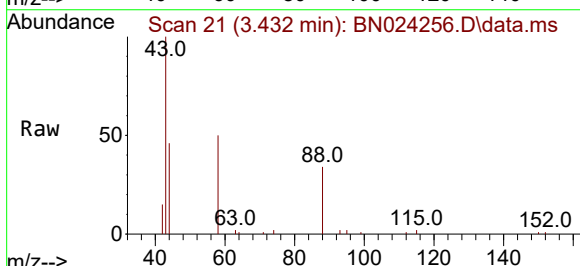


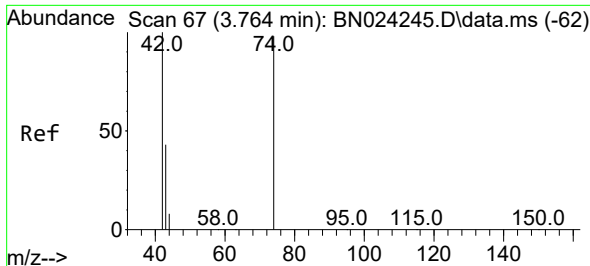
Tgt Ion:152 Resp: 8734
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.7 187.1
 115 59.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.364 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

Tgt Ion: 88 Resp: 3463
 Ion Ratio Lower Upper
 88 100
 43 88.6 29.0 43.4#
 58 83.9 67.3 100.9

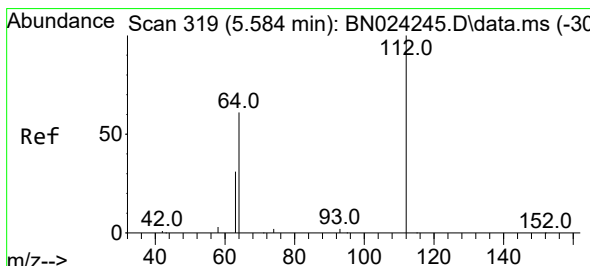
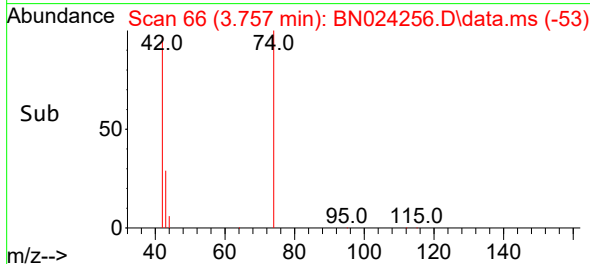
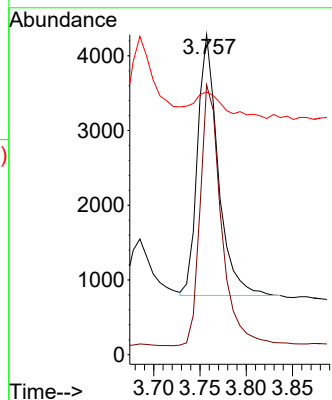
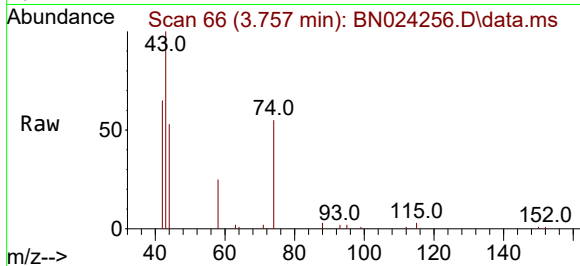




#3
 n-Nitrosodimethylamine
 Concen: 0.388 ng
 RT: 3.757 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

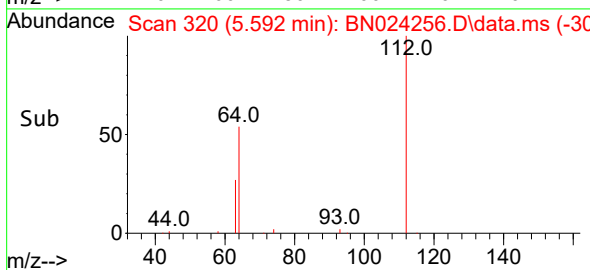
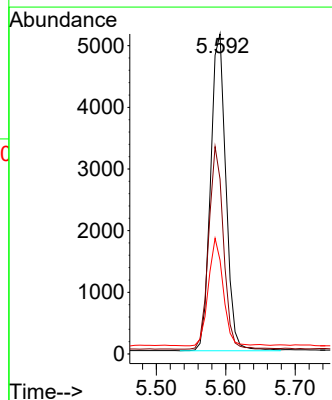
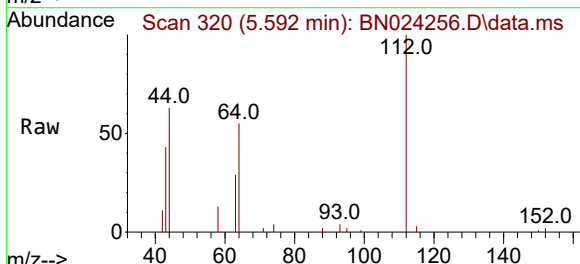
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MSD

Tgt Ion: 42 Resp: 5403
 Ion Ratio Lower Upper
 42 100
 74 103.1 81.6 122.4
 44 15.8 7.3 10.9#



#4
 2-Fluorophenol
 Concen: 0.408 ng
 RT: 5.592 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

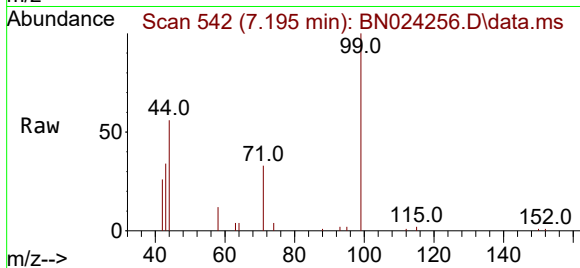
Tgt Ion: 112 Resp: 7894
 Ion Ratio Lower Upper
 112 100
 64 61.7 49.0 73.6
 63 32.6 25.7 38.5



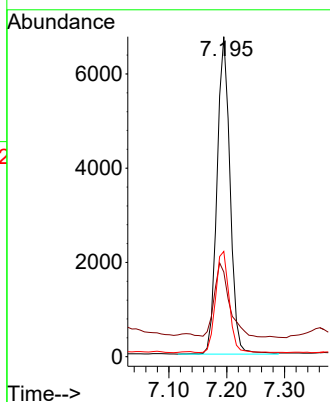
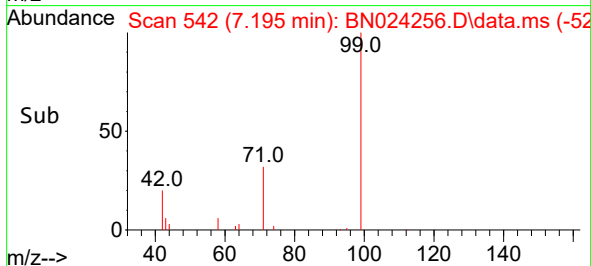


#5
Phenol-d6
Concen: 0.422 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

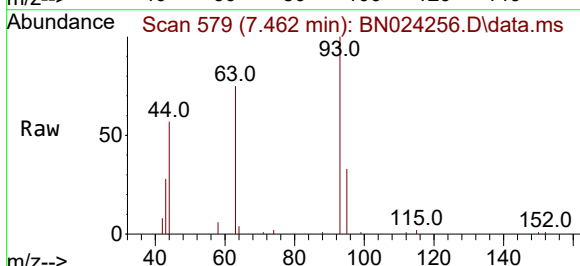
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD



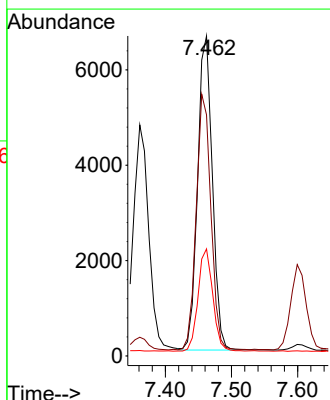
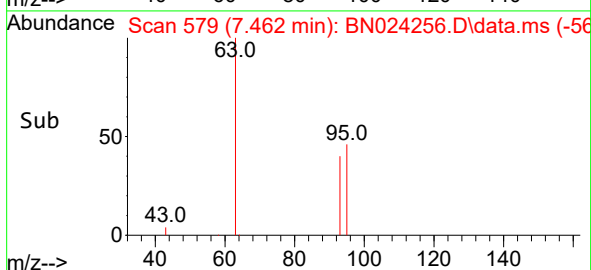
Tgt Ion: 99 Resp: 10494
Ion Ratio Lower Upper
99 100
42 26.8 20.1 30.1
71 33.1 25.8 38.8



#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49



Tgt Ion: 93 Resp: 10193
Ion Ratio Lower Upper
93 100
63 81.1 65.4 98.2
95 32.6 25.8 38.8

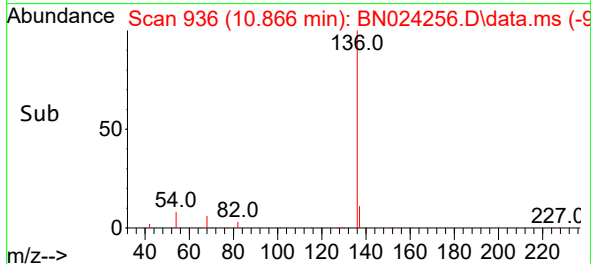
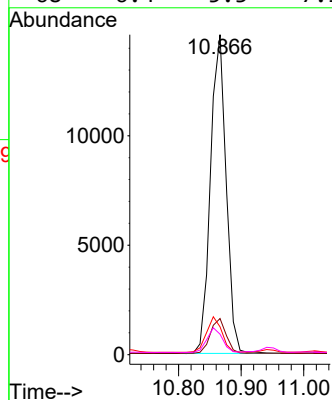
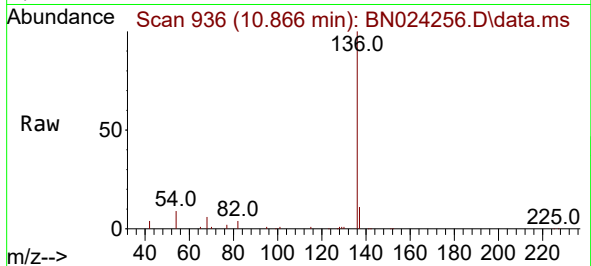




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

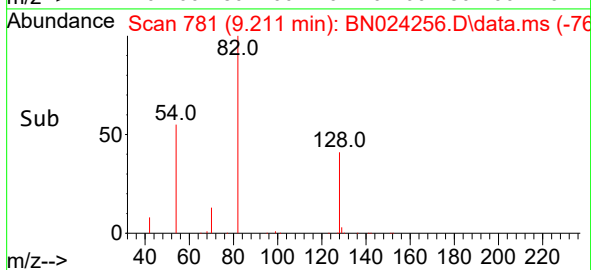
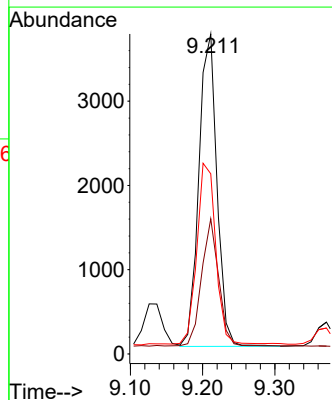
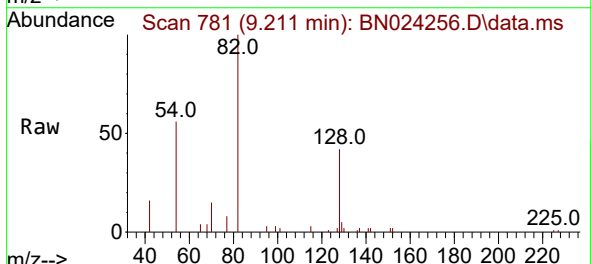
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

Tgt Ion:	136	Resp:	25295
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	7.1	10.7
68	6.4	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

Tgt Ion:	82	Resp:	6471
Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.4	48.6
54	56.3	45.2	67.8

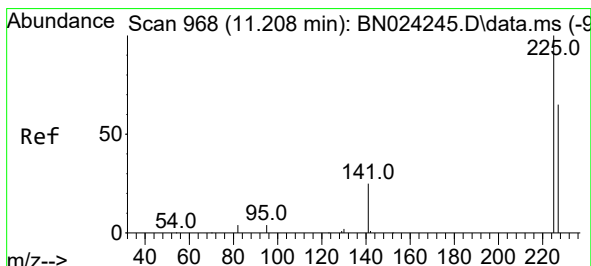
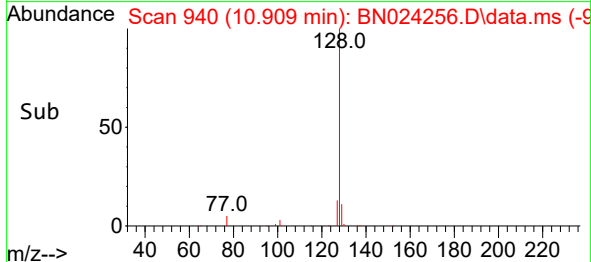
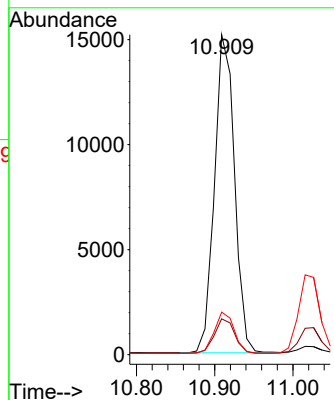
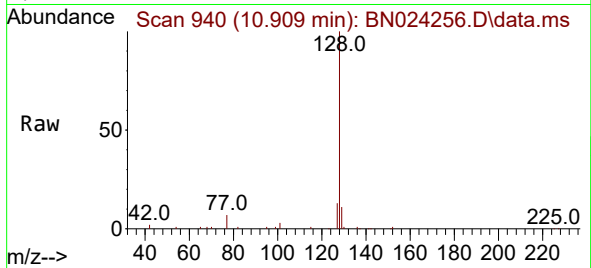




#9
Naphthalene
Concen: 0.417 ng
RT: 10.909 min Scan# 941
Delta R.T. -0.010 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

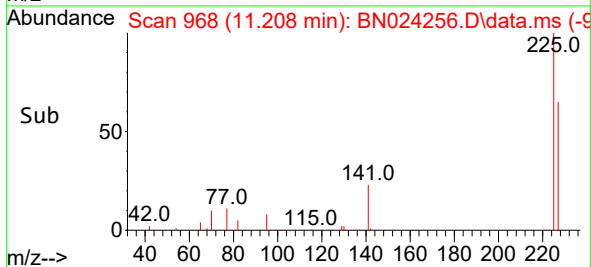
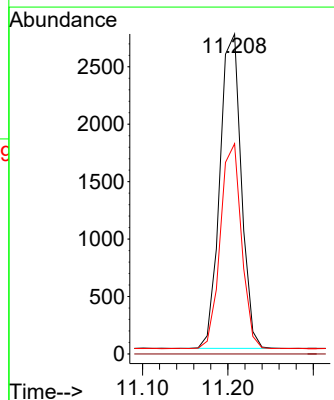
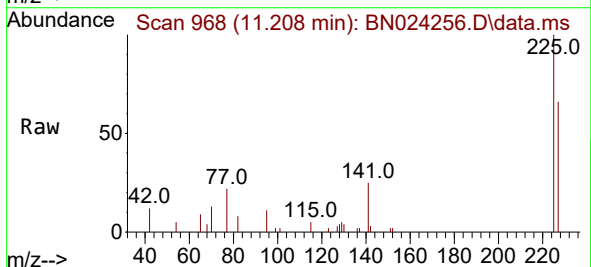
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

Tgt Ion:	128	Resp:	26794
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.3	10.2	15.4



#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.208 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

Tgt Ion:	225	Resp:	4784
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.2	51.0	76.4





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

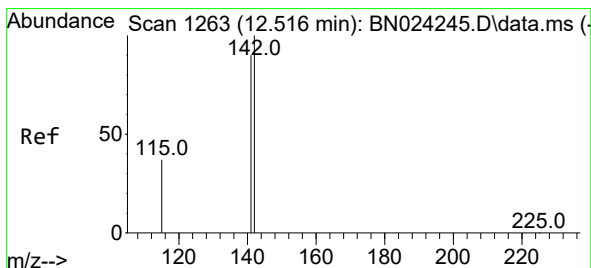
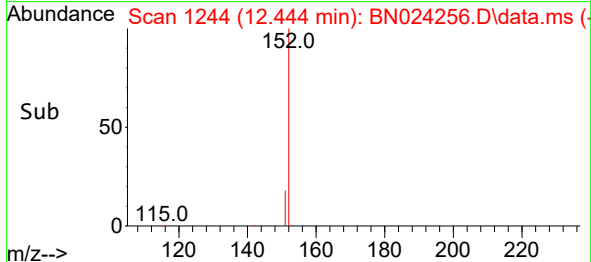
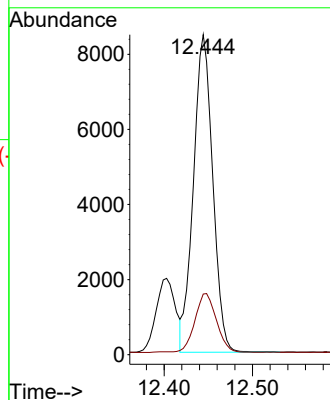
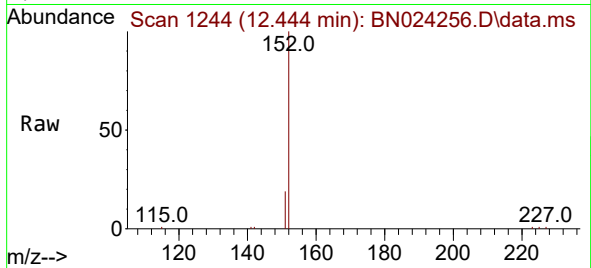
CB-10-4.5-030723MSD

Tgt Ion:152 Resp: 12835

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 12.516 min Scan# 1263

Delta R.T. 0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

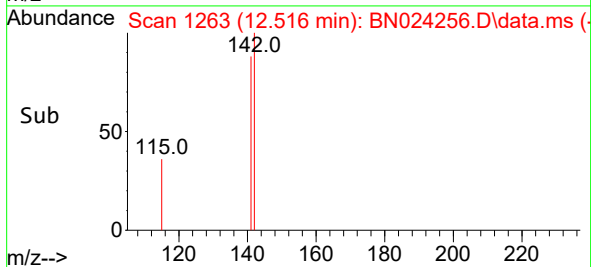
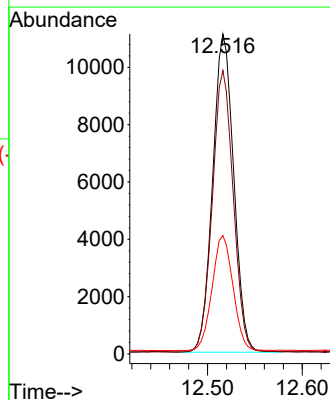
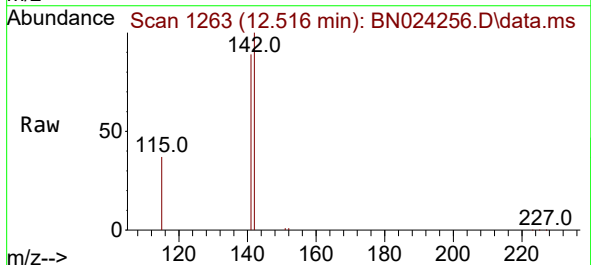
Tgt Ion:142 Resp: 17141

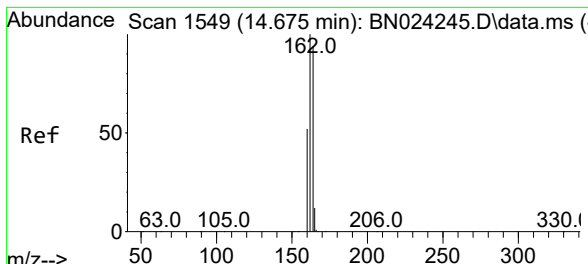
Ion Ratio Lower Upper

142 100

141 88.5 71.8 107.6

115 37.0 30.0 45.0

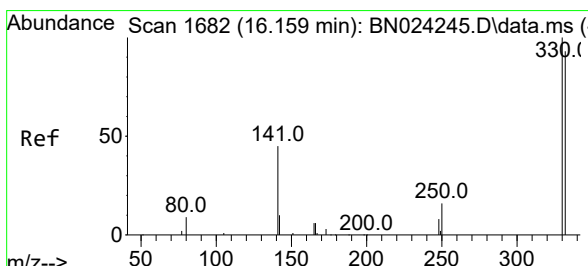
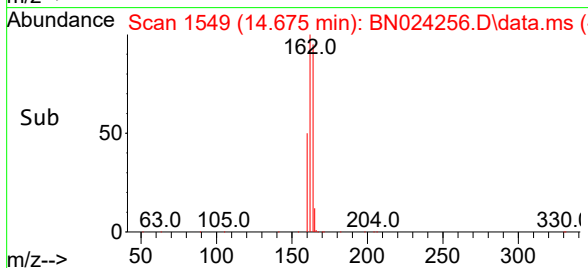
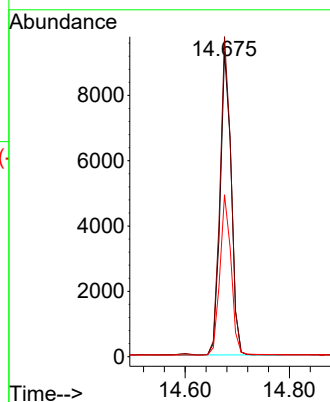
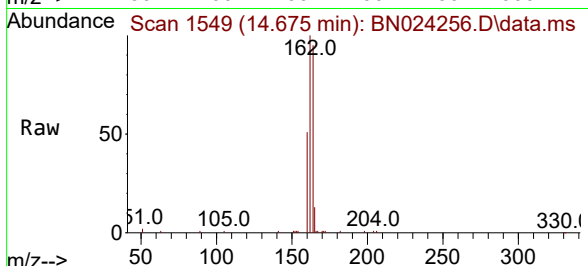




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

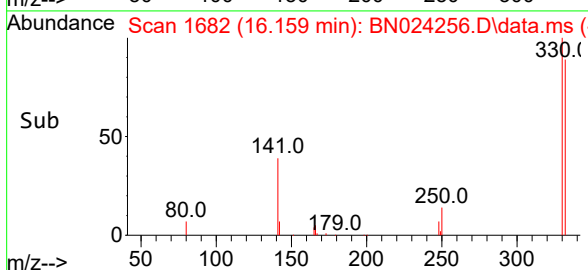
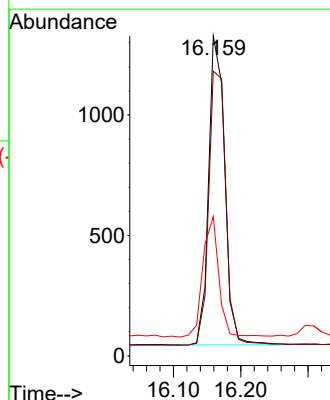
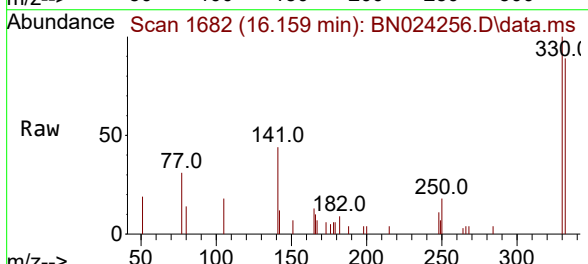
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MSD

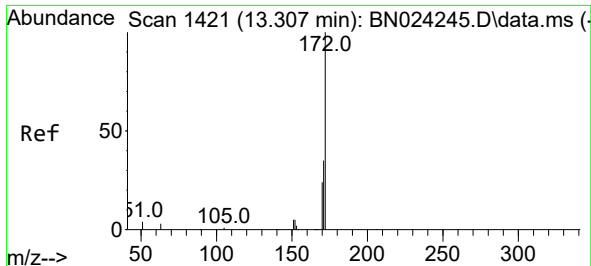
Tgt Ion:	164	Resp:	13618
Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.7	127.1
160	53.1	44.6	66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.306 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

Tgt Ion:	330	Resp:	2131
Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.0	117.0
141	39.2	30.8	46.2

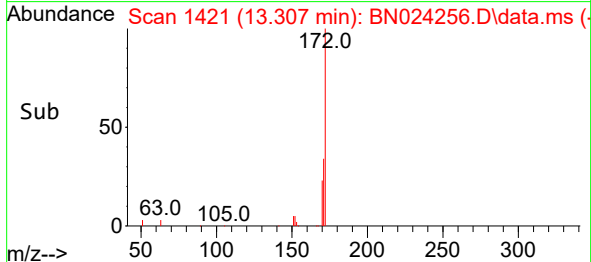
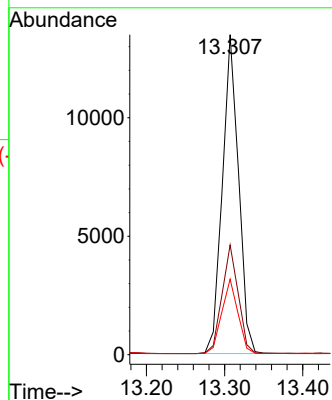
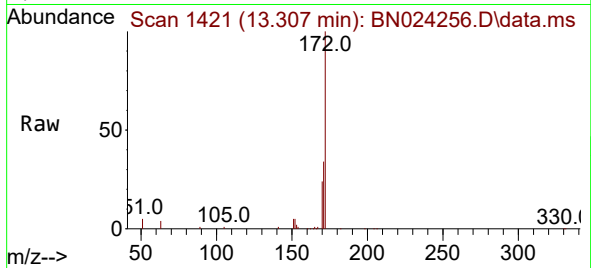




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

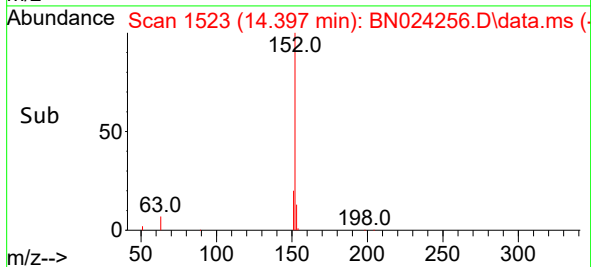
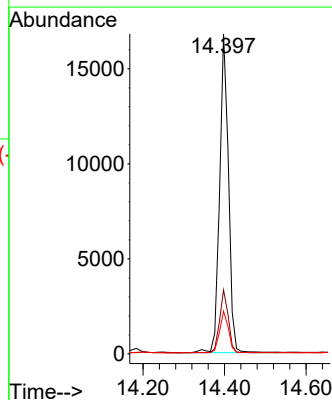
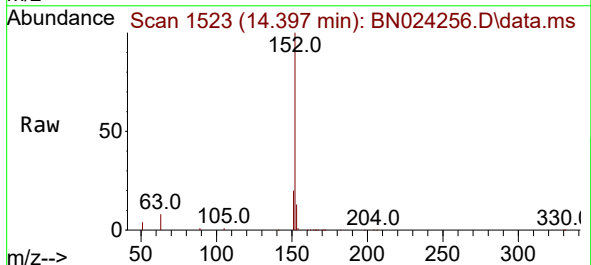
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

Tgt Ion:	172	Resp:	19304
Ion Ratio	Lower	Upper	
172	100		
171	34.3	27.8	41.8
170	23.6	19.0	28.6



#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.397 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

Tgt Ion:	152	Resp:	25140
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.4	23.0
153	13.2	10.4	15.6

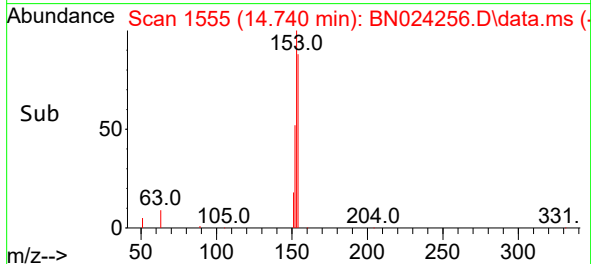
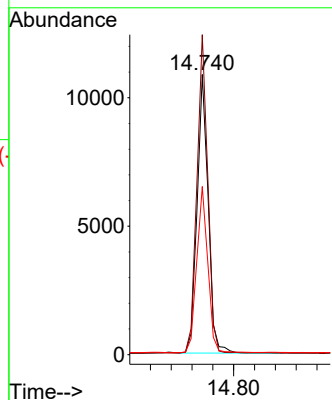
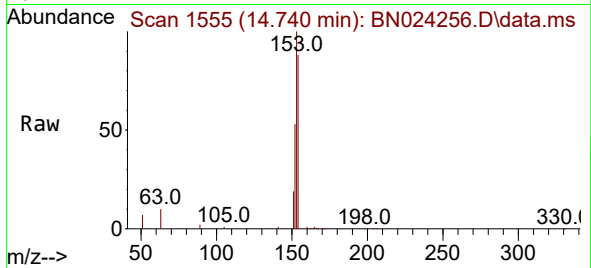




#17
Acenaphthene
Concen: 0.391 ng
RT: 14.740 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

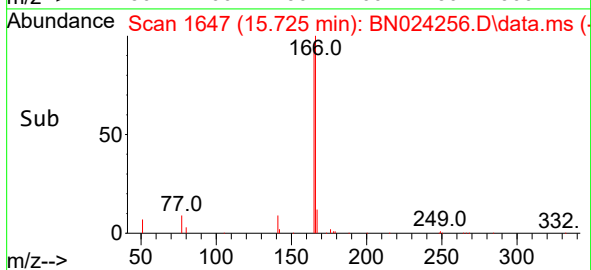
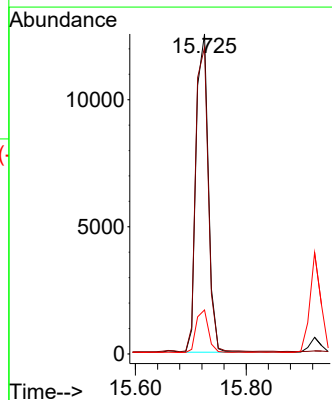
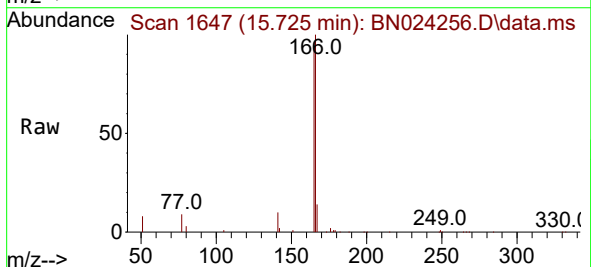
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

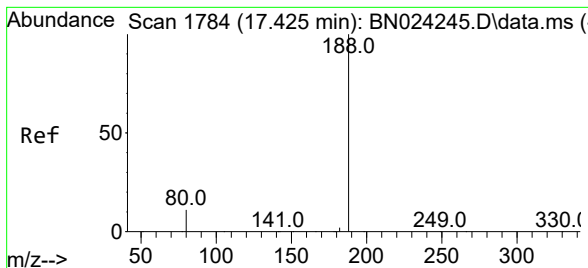
Tgt Ion:154 Resp: 16060
Ion Ratio Lower Upper
154 100
153 111.9 88.4 132.6
152 59.8 48.7 73.1



#18
Fluorene
Concen: 0.393 ng
RT: 15.725 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

Tgt Ion:166 Resp: 19296
Ion Ratio Lower Upper
166 100
165 97.7 80.2 120.2
167 13.3 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.425 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MSD

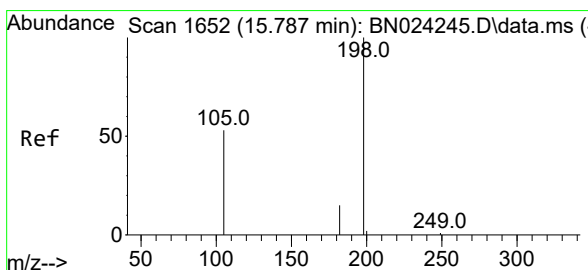
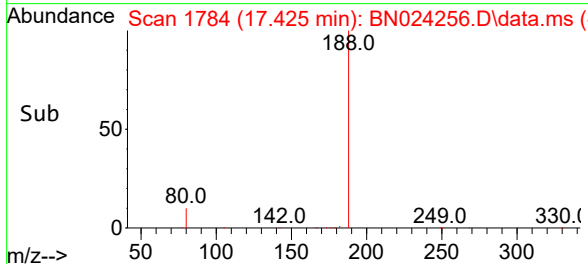
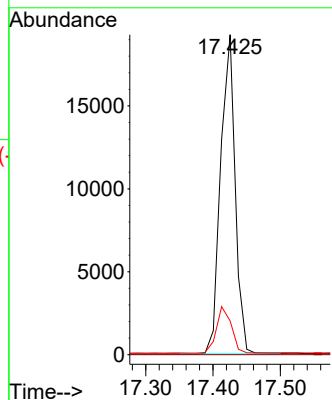
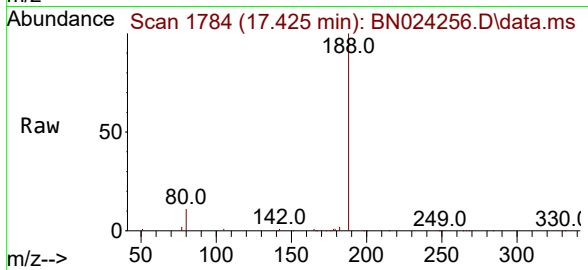
Tgt Ion:188 Resp: 28837

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.367 ng

RT: 15.787 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

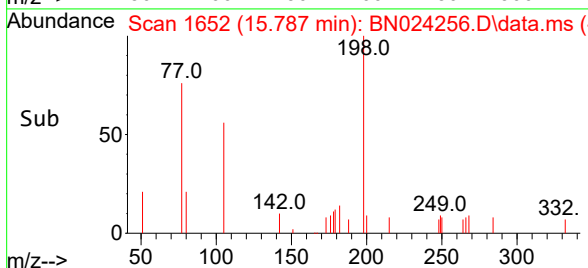
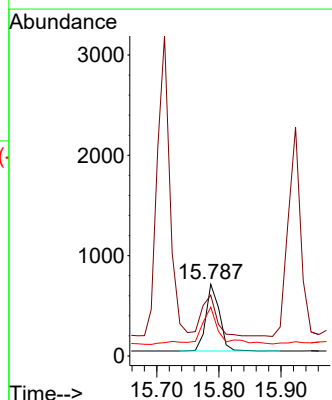
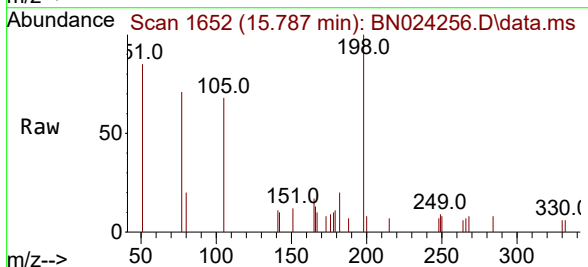
Tgt Ion:198 Resp: 1015

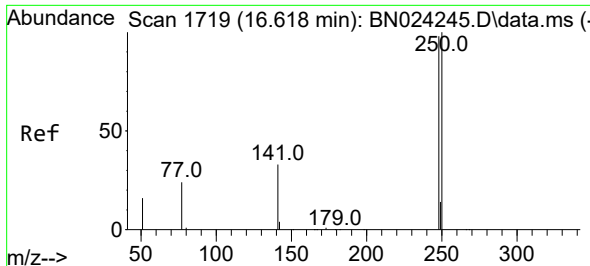
Ion Ratio Lower Upper

198 100

51 84.8 68.2 102.2

105 68.0 51.6 77.4

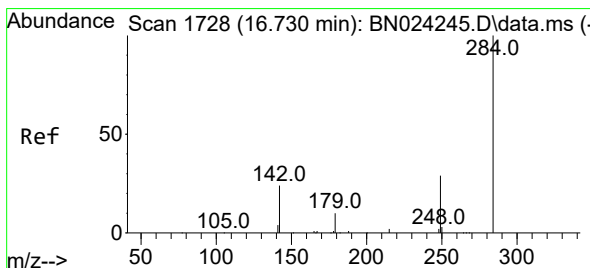
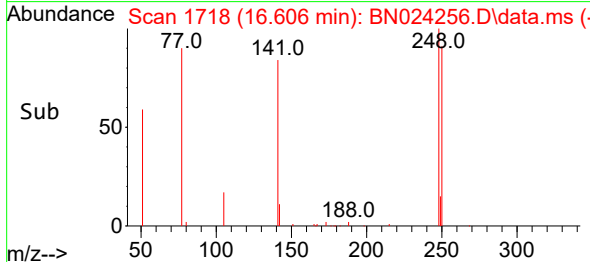
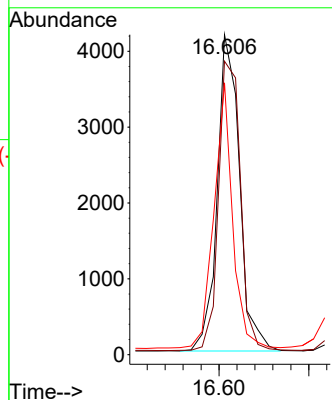
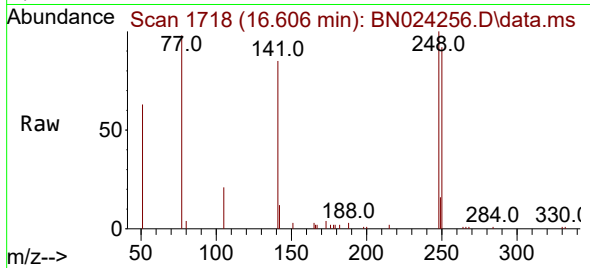




#21
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.606 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

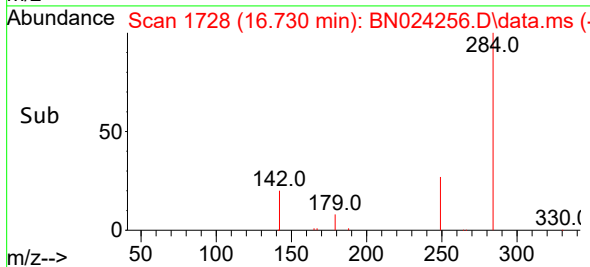
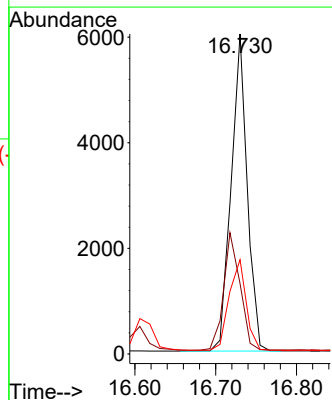
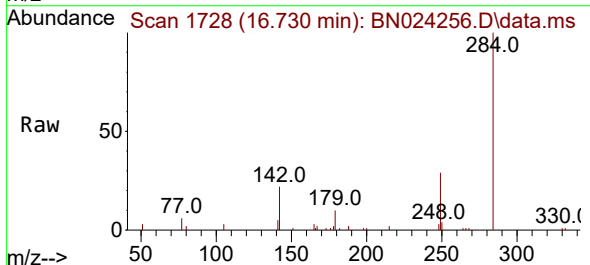
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

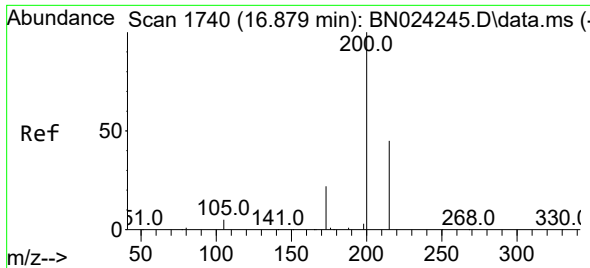
Tgt Ion:248 Resp: 7182
Ion Ratio Lower Upper
248 100
250 91.7 81.9 122.9
141 84.9 28.2 42.2#



#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.730 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

Tgt Ion:284 Resp: 8297
Ion Ratio Lower Upper
284 100
142 38.0 30.2 45.4
249 30.4 24.5 36.7

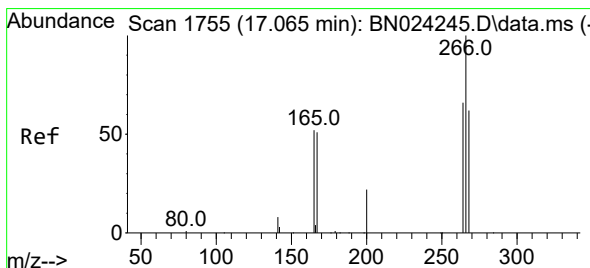
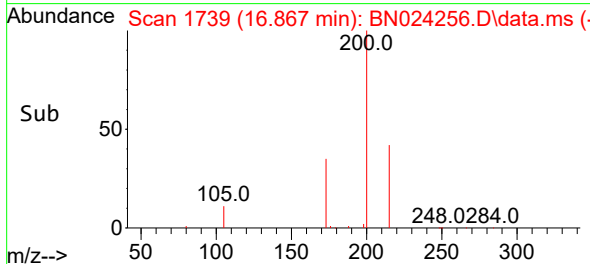
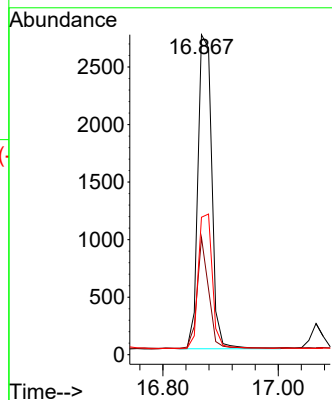
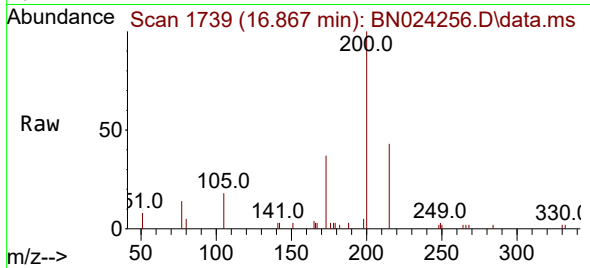




#23
Atrazine
Concen: 0.419 ng
RT: 16.867 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

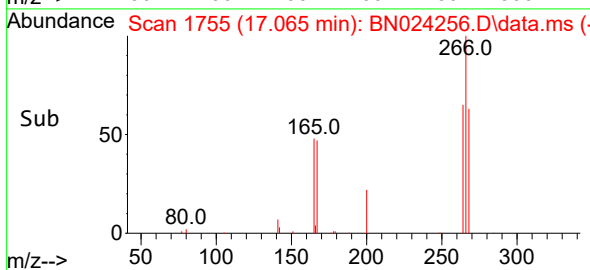
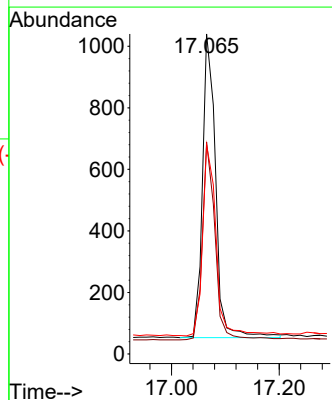
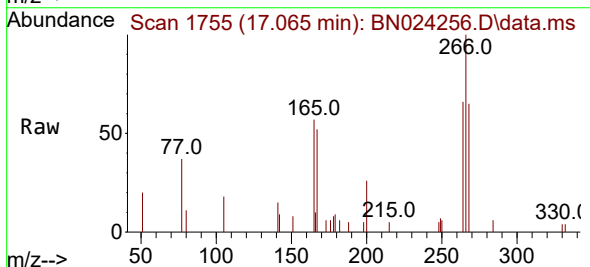
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

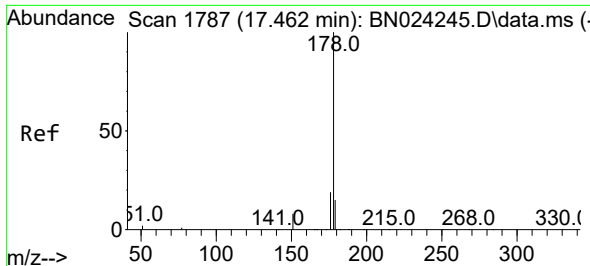
Tgt Ion:200 Resp: 4558
Ion Ratio Lower Upper
200 100
173 36.6 18.9 28.3#
215 43.0 36.7 55.1



#24
Pentachlorophenol
Concen: 0.259 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

Tgt Ion:266 Resp: 1673
Ion Ratio Lower Upper
266 100
264 62.9 51.1 76.7
268 64.6 52.2 78.4

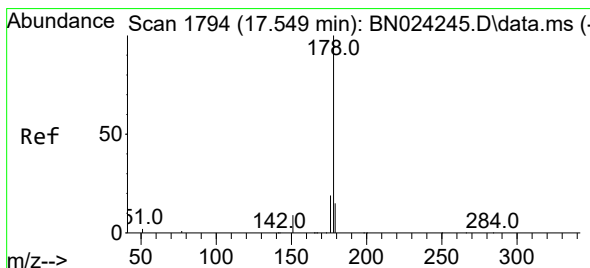
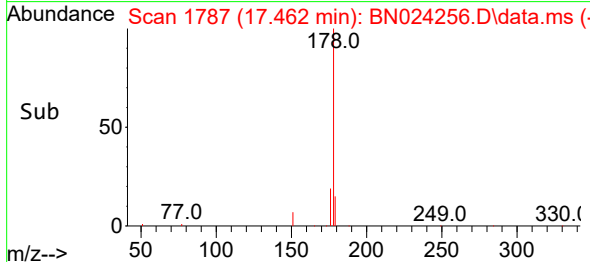
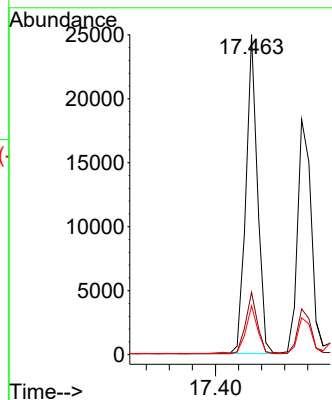
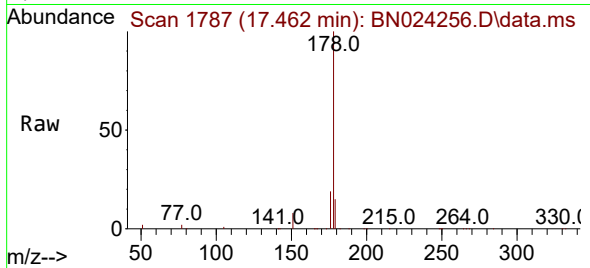




#25
Phenanthrene
Concen: 0.405 ng
RT: 17.462 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

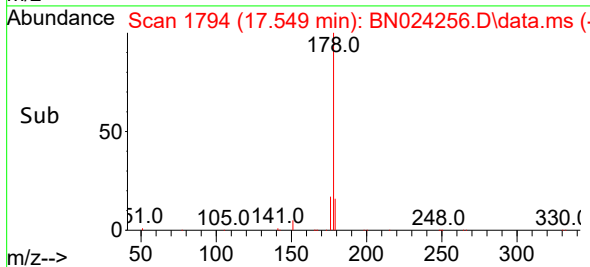
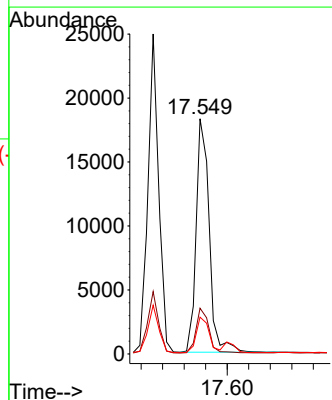
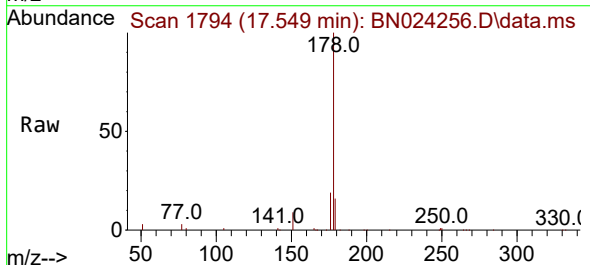
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

Tgt Ion:178 Resp: 34607
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.2 18.2



#26
Anthracene
Concen: 0.392 ng
RT: 17.549 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN024256.D
Acq: 13 Mar 2023 21:49

Tgt Ion:178 Resp: 30889
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.0 12.1 18.1





#27

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.450 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MSD

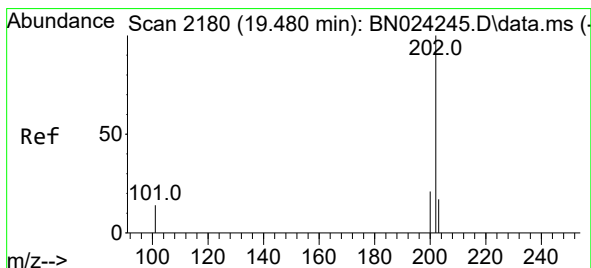
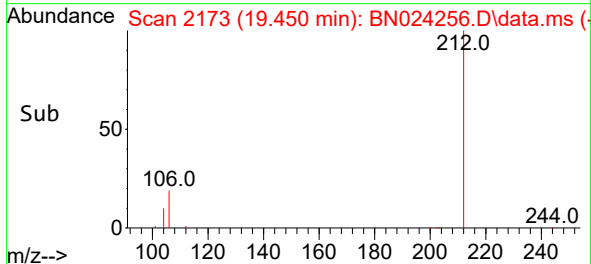
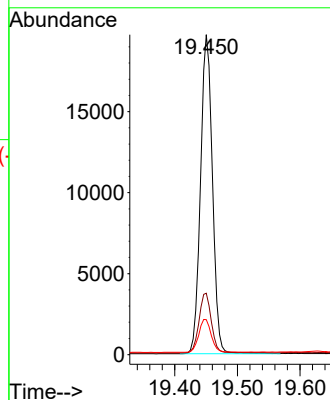
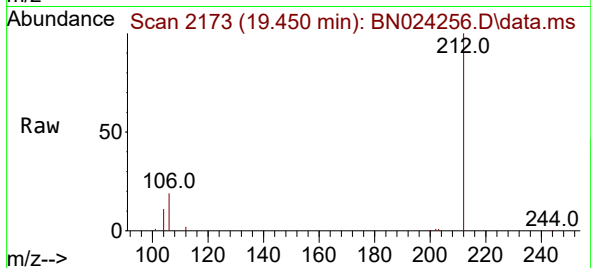
Tgt Ion:212 Resp: 26011

Ion Ratio Lower Upper

212 100

106 19.2 15.4 23.2

104 10.9 8.6 13.0



#28

Fluoranthene

Concen: 0.408 ng

RT: 19.480 min Scan# 2180

Delta R.T. 0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

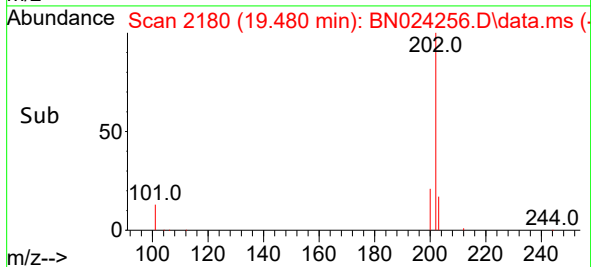
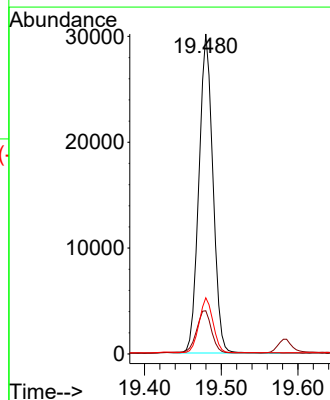
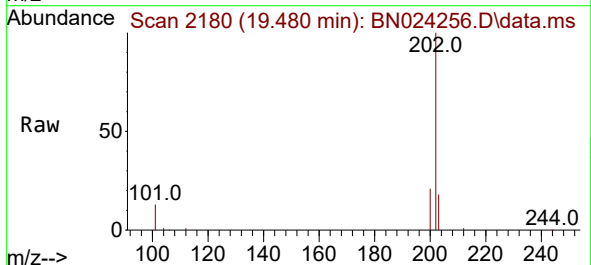
Tgt Ion:202 Resp: 38191

Ion Ratio Lower Upper

202 100

101 14.6 11.3 16.9

203 17.0 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2484

Delta R.T. -0.009 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MSD

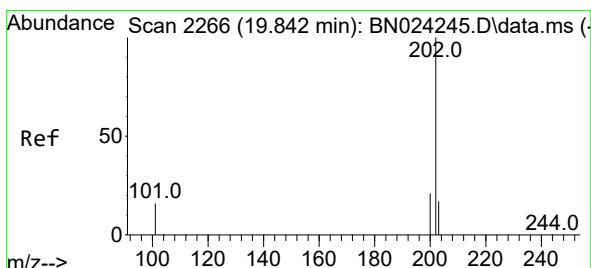
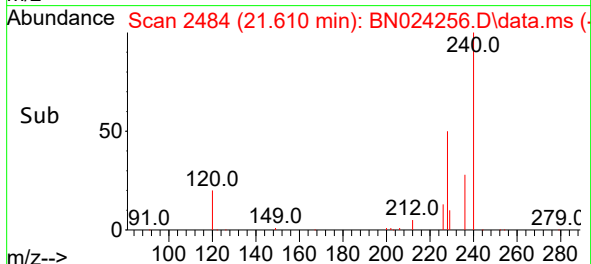
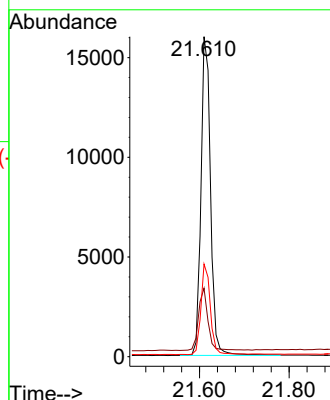
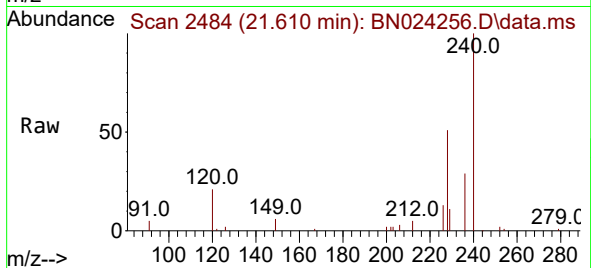
Tgt Ion:240 Resp: 23783

Ion Ratio Lower Upper

240 100

120 21.4 12.8 19.2#

236 29.0 22.5 33.7



#30

Pyrene

Concen: 0.418 ng

RT: 19.842 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

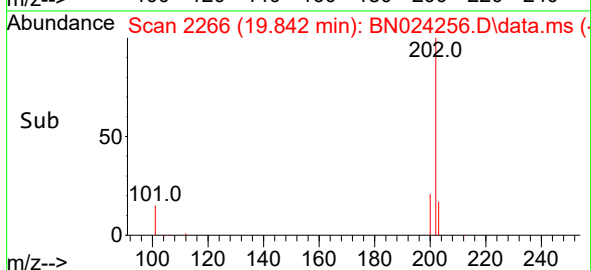
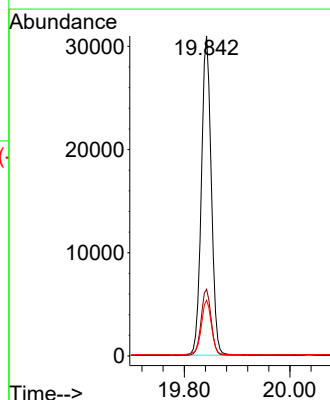
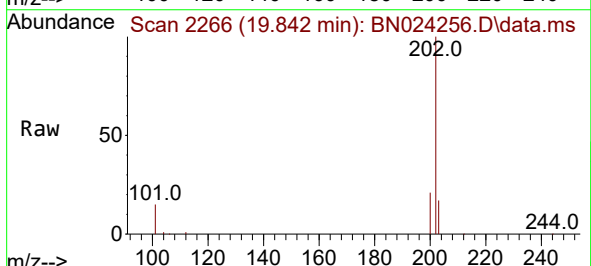
Tgt Ion:202 Resp: 40298

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.7 14.2 21.2





#31

Terphenyl-d14

Concen: 0.377 ng

RT: 20.043 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MSD

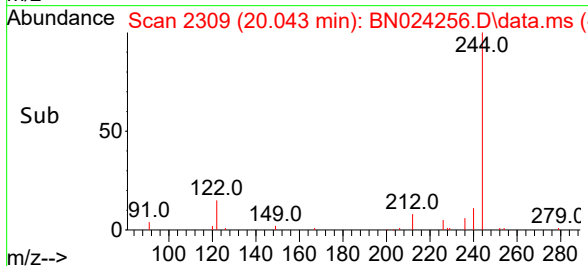
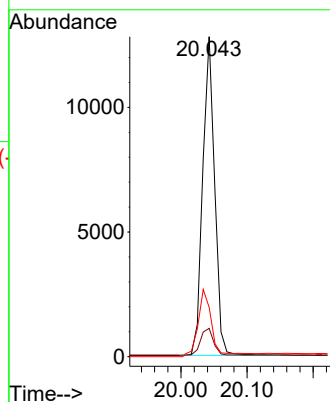
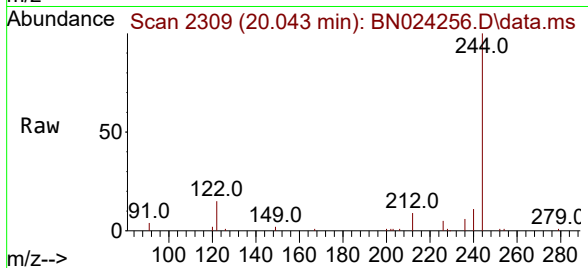
Tgt Ion:244 Resp: 15107

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

122 15.4 15.1 22.7



#32

Benzo(a)anthracene

Concen: 0.425 ng

RT: 21.592 min Scan# 2482

Delta R.T. -0.009 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

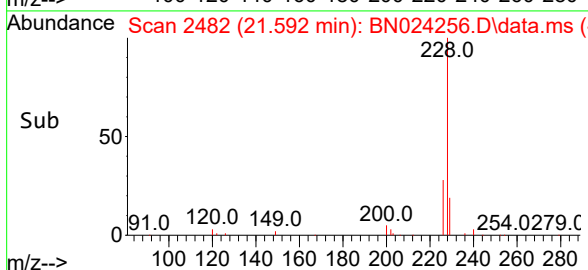
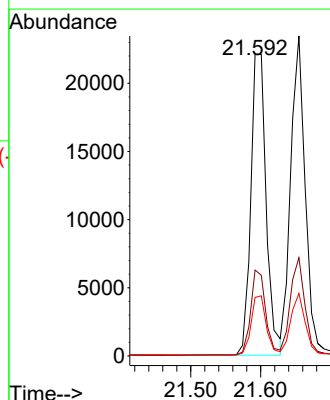
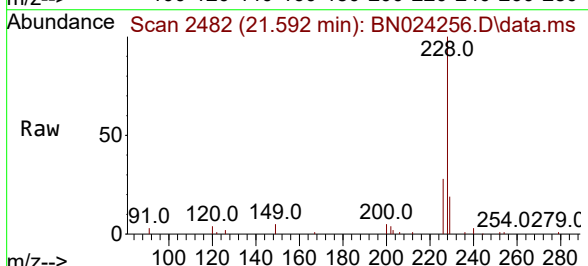
Tgt Ion:228 Resp: 33779

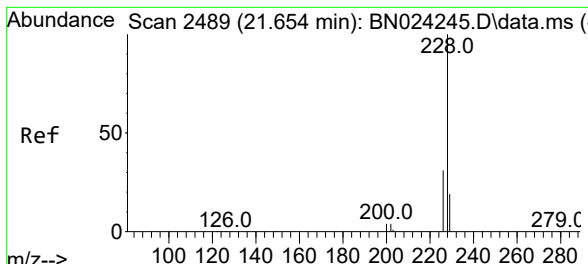
Ion Ratio Lower Upper

228 100

226 28.5 22.2 33.2

229 19.4 15.9 23.9

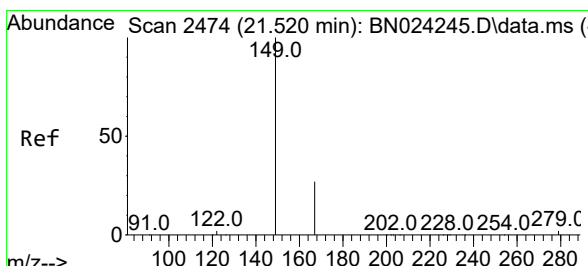
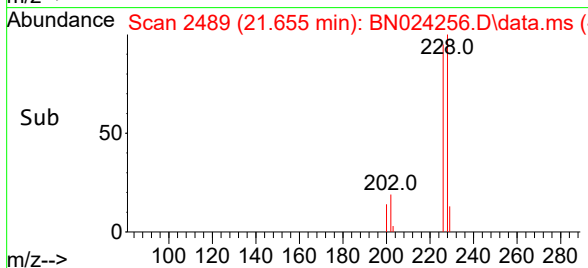
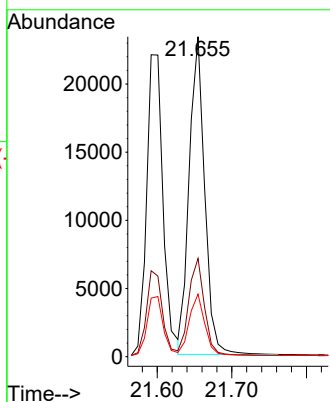
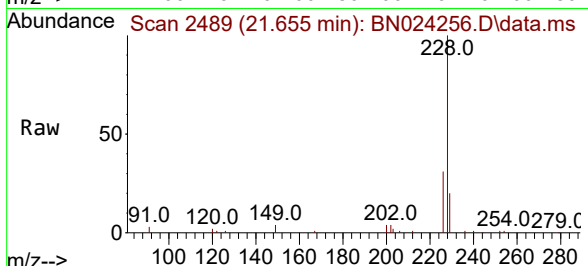




#33
 Chrysene
 Concen: 0.397 ng
 RT: 21.655 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

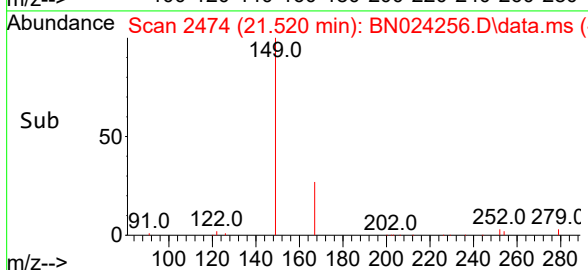
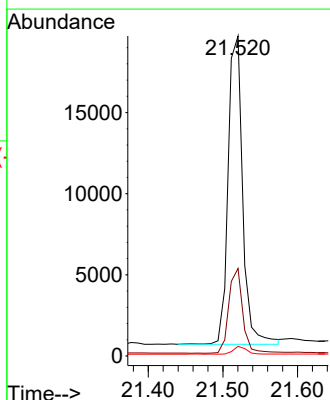
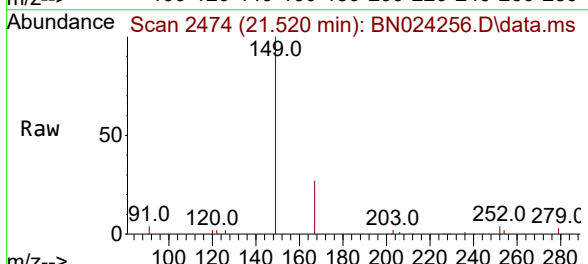
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MSD

Tgt Ion:	228	Resp:	33681
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.5	36.7
229	19.6	15.5	23.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.690 ng
 RT: 21.520 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

Tgt Ion:	149	Resp:	25783
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.2	31.8
279	2.3	1.8	2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.126 min Scan# 31

Delta R.T. 0.009 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MSD

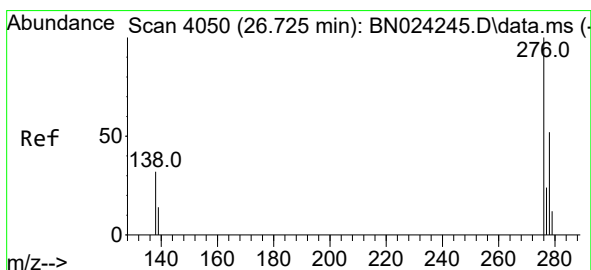
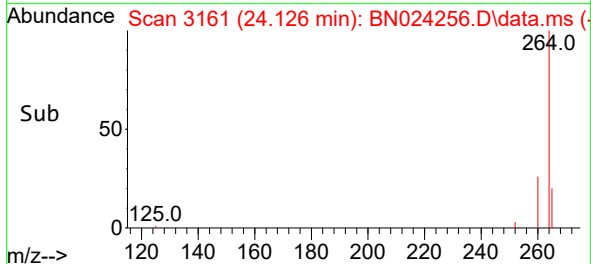
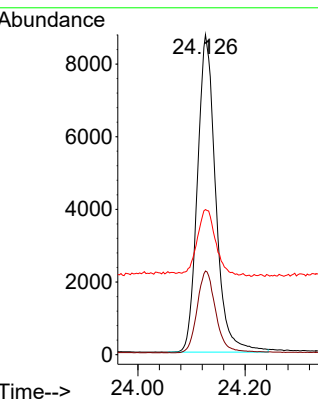
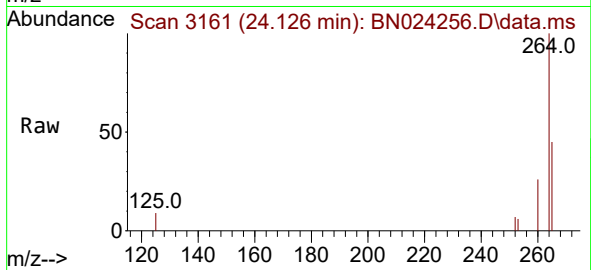
Tgt Ion:264 Resp: 20721

Ion Ratio Lower Upper

264 100

260 26.2 21.4 32.2

265 45.4 35.7 53.5



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng

RT: 26.760 min Scan# 4062

Delta R.T. 0.035 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

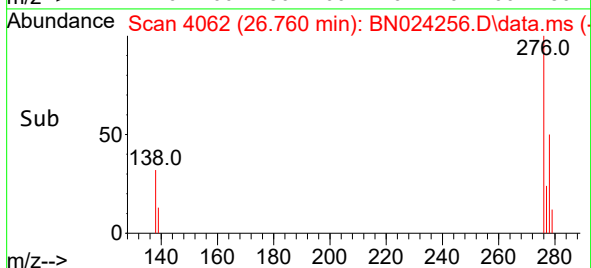
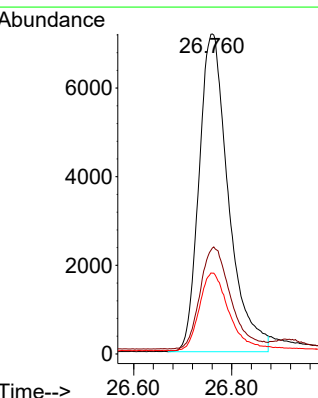
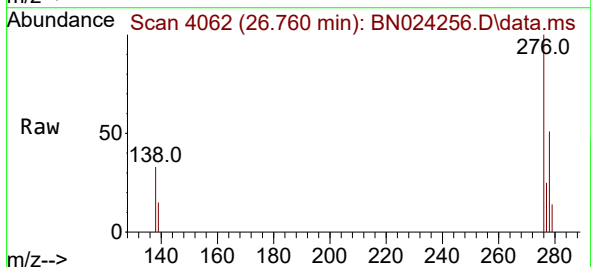
Tgt Ion:276 Resp: 29822

Ion Ratio Lower Upper

276 100

138 33.7 27.4 41.2

277 24.6 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.399 ng

RT: 23.354 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MSD

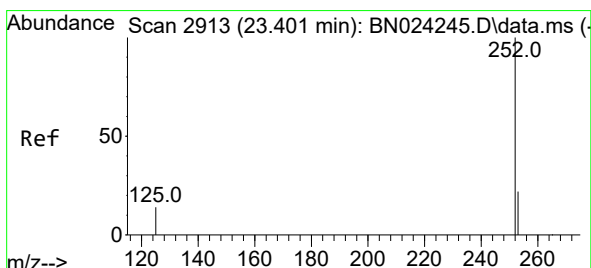
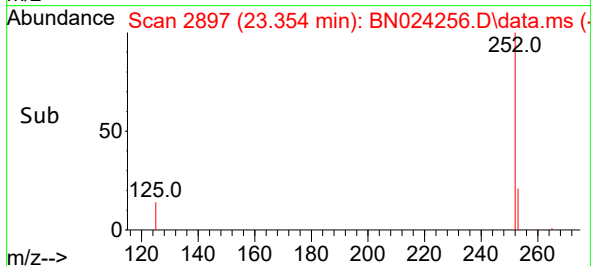
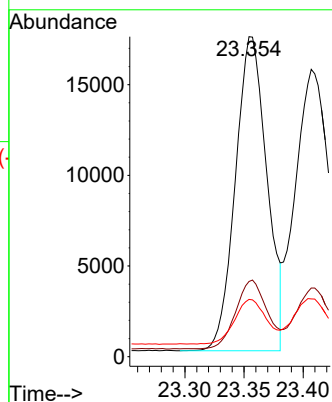
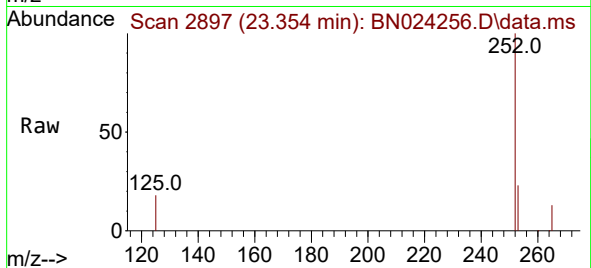
Tgt Ion:252 Resp: 32144

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

125 17.9 13.8 20.6



#38

Benzo(k)fluoranthene

Concen: 0.382 ng

RT: 23.407 min Scan# 2915

Delta R.T. 0.006 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

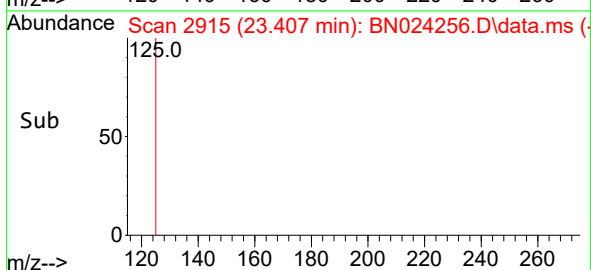
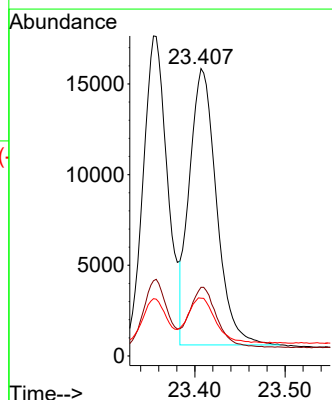
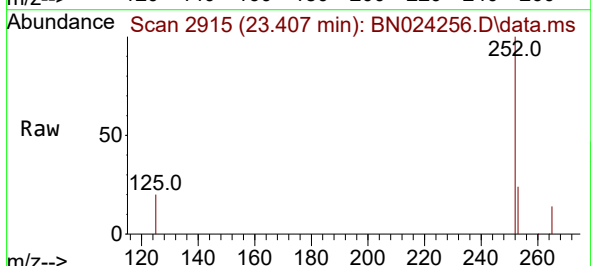
Tgt Ion:252 Resp: 31745

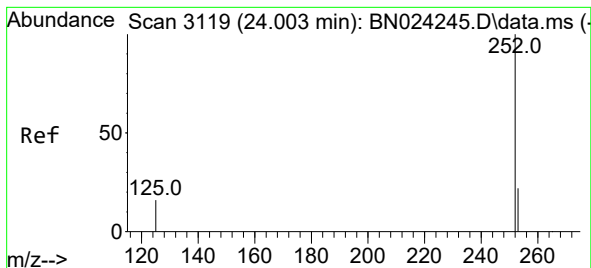
Ion Ratio Lower Upper

252 100

253 23.9 19.0 28.6

125 20.1 13.5 20.3





#39

Benzo(a)pyrene

Concen: 0.373 ng

RT: 24.015 min Scan# 3119

Delta R.T. 0.012 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MSD

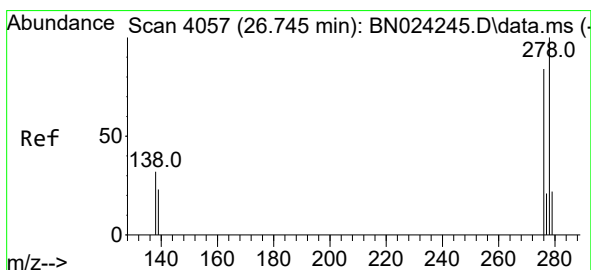
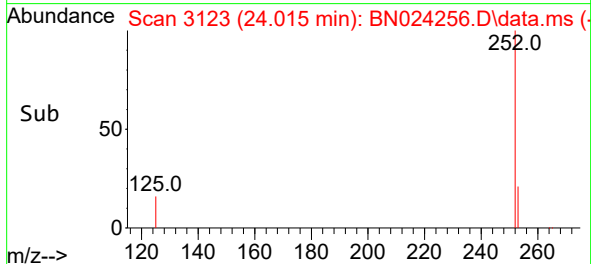
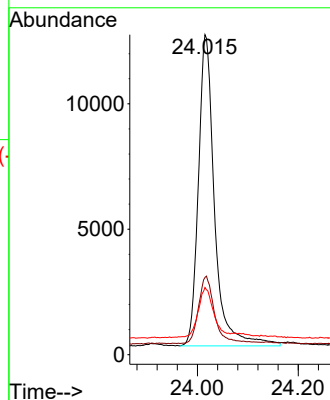
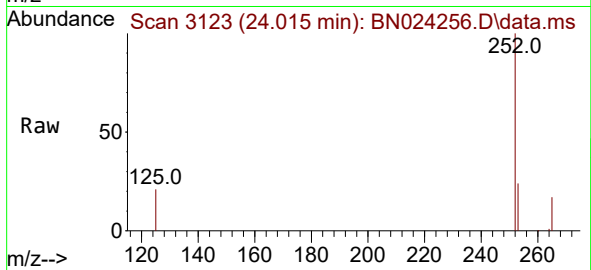
Tgt Ion:252 Resp: 27584

Ion Ratio Lower Upper

252 100

253 24.2 19.5 29.3

125 21.0 16.2 24.4



#40

Dibenzo(a,h)anthracene

Concen: 0.383 ng

RT: 26.784 min Scan# 4070

Delta R.T. 0.038 min

Lab File: BN024256.D

Acq: 13 Mar 2023 21:49

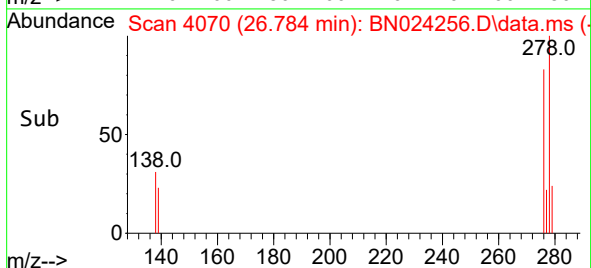
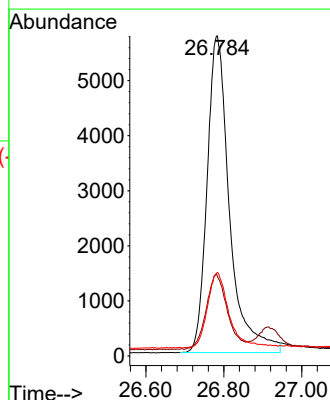
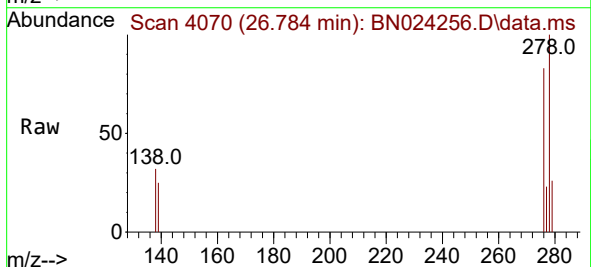
Tgt Ion:278 Resp: 23002

Ion Ratio Lower Upper

278 100

139 24.8 19.4 29.0

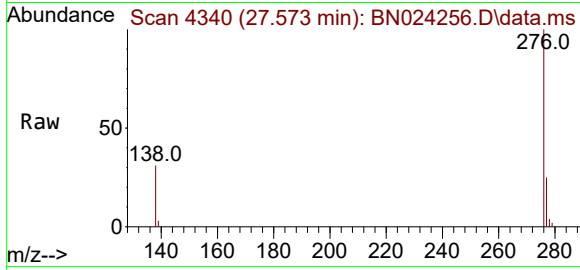
279 26.1 20.7 31.1





#41
 Benzo(g,h,i)perylene
 Concen: 0.386 ng
 RT: 27.573 min Scan# 41
 Delta R.T. 0.044 min
 Lab File: BN024256.D
 Acq: 13 Mar 2023 21:49

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MSD



Tgt Ion:276 Resp: 27080
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.9 29.9
 138 30.9 24.5 36.7

