

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN023007.D
 Acq On : 01 Dec 2022 06:34
 Operator : CG/JU
 Sample : N5756-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20221117

Quant Time: Dec 01 07:07:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

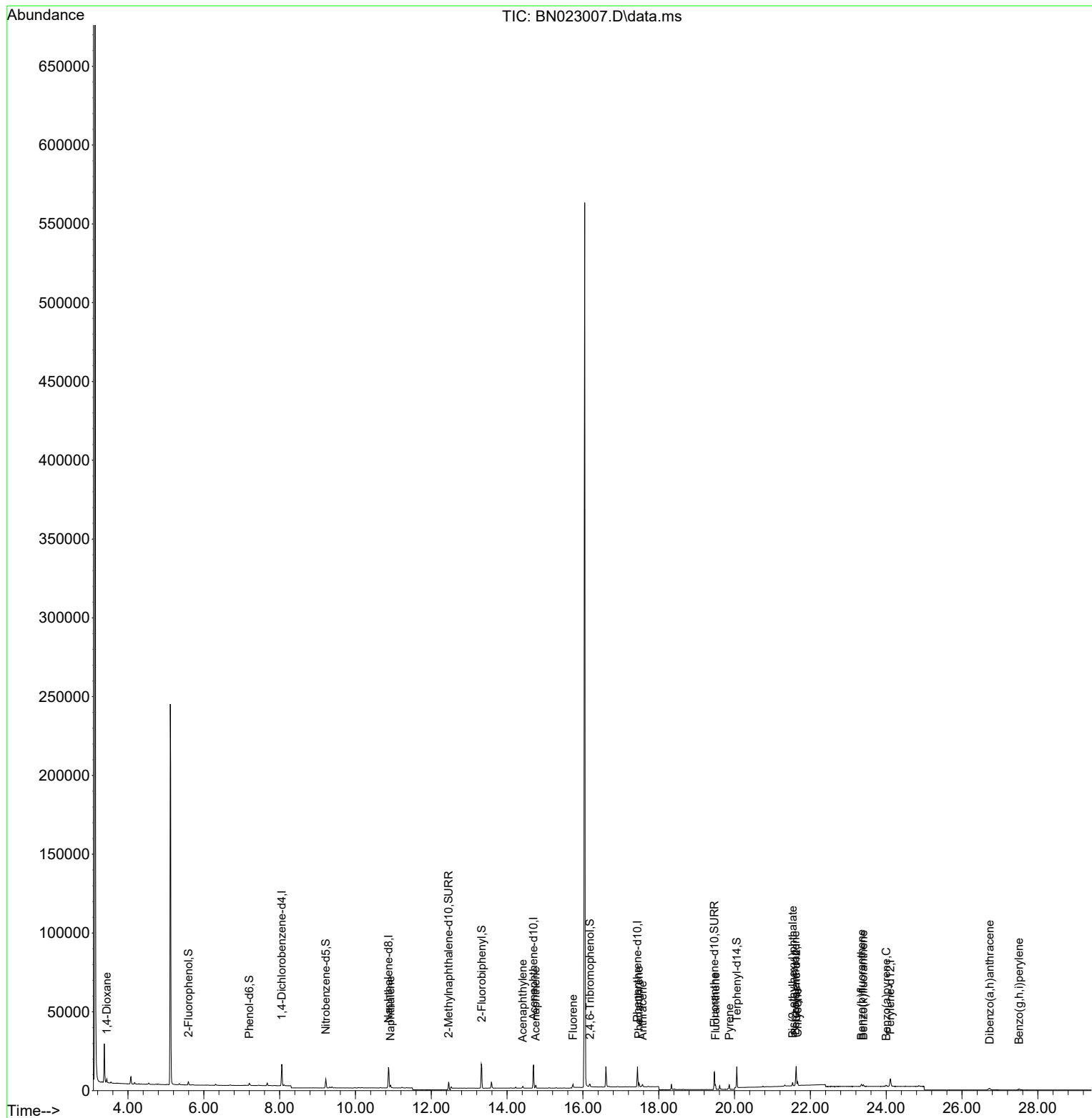
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	6419	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	17278	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	8353	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	15510	0.400	ng	0.00
29) Chrysene-d12	21.625	240	10040	0.400	ng	# 0.00
35) Perylene-d12	24.109	264	7209	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1594	0.096	ng	0.00
5) Phenol-d6	7.204	99	1201	0.057	ng	0.00
8) Nitrobenzene-d5	9.217	82	4182	0.312	ng	-0.01
11) 2-Methylnaphthalene-d10	12.458	152	6702	0.179	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	991	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	13594	0.356	ng	0.00
27) Fluoranthene-d10	19.469	212	11767	0.279	ng	0.00
31) Terphenyl-d14	20.058	244	10562	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	1351	0.166	ng	# 87
9) Naphthalene	10.925	128	2122	0.040	ng	# 91
16) Acenaphthylene	14.410	152	1344	0.030	ng	97
17) Acenaphthene	14.752	154	911	0.031	ng	99
18) Fluorene	15.739	166	1260	0.034	ng	98
25) Phenanthrene	17.477	178	2610	0.048	ng	97
26) Anthracene	17.576	178	1683	0.036	ng	# 92
28) Fluoranthene	19.498	202	2488	0.043	ng	97
30) Pyrene	19.861	202	2544	0.049	ng	99
32) Benzo(a)anthracene	21.607	228	1784	0.044	ng	94
33) Chrysene	21.661	228	1971	0.047	ng	94
34) Bis(2-ethylhexyl)phtha...	21.536	149	2209	0.136	ng	# 96
37) Benzo(b)fluoranthene	23.346	252	1698	0.053	ng	# 37
38) Benzo(k)fluoranthene	23.395	252	1385	0.040	ng	# 33
39) Benzo(a)pyrene	23.998	252	1016	0.041	ng	# 1
40) Dibenzo(a,h)anthracene	26.728	278	1070	0.045	ng	# 55
41) Benzo(g,h,i)perylene	27.506	276	1158	0.045	ng	# 67

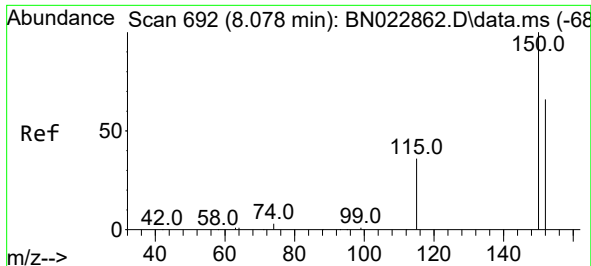
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN023007.D
Acq On : 01 Dec 2022 06:34
Operator : CG/JU
Sample : N5756-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

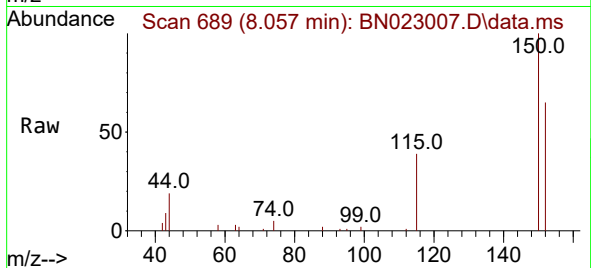
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration



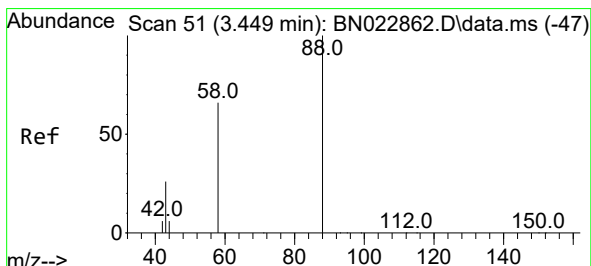
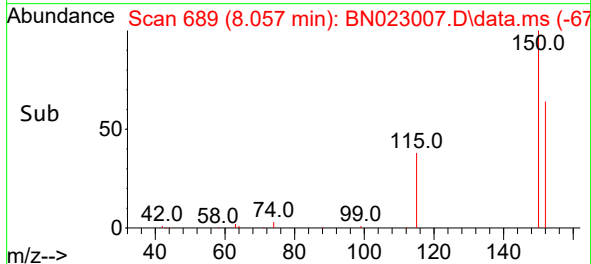
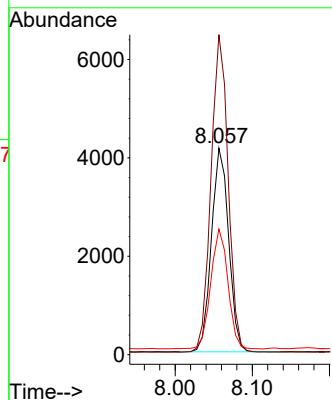


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

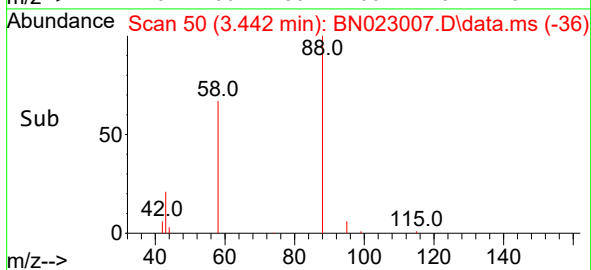
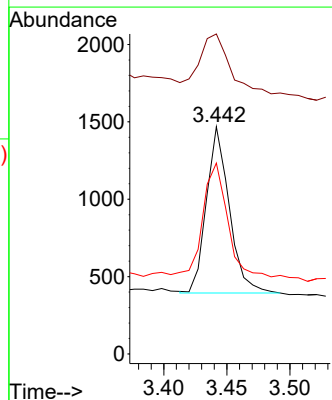
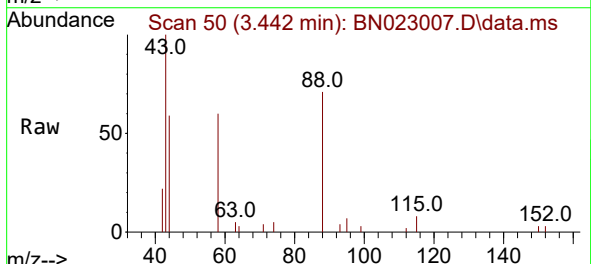


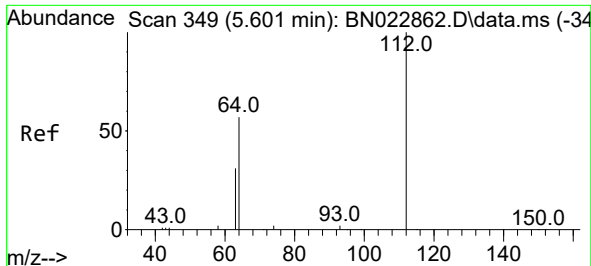
Tgt Ion:152 Resp: 6419
Ion Ratio Lower Upper
152 100
150 154.9 121.2 181.8
115 60.8 46.2 69.4



#2
1,4-Dioxane
Concen: 0.166 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion: 88 Resp: 1351
Ion Ratio Lower Upper
88 100
43 48.0 25.4 38.2#
58 74.8 56.5 84.7

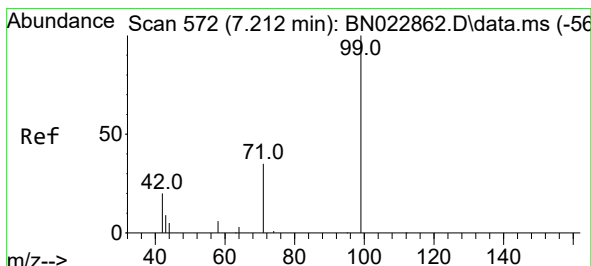
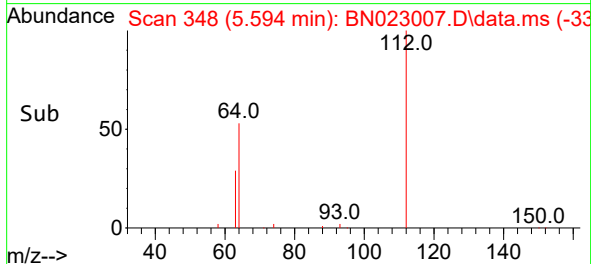
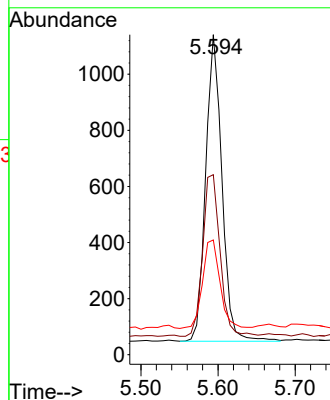
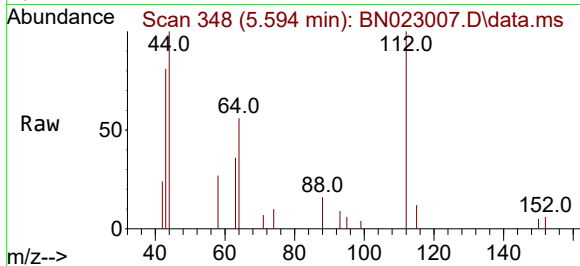




#4
2-Fluorophenol
Concen: 0.096 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.007 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

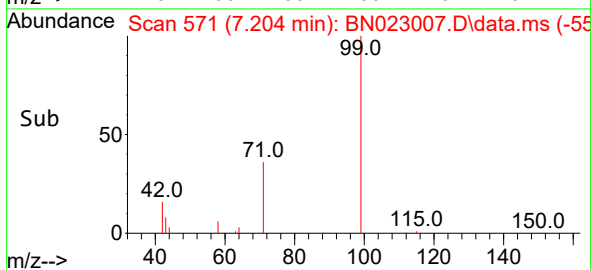
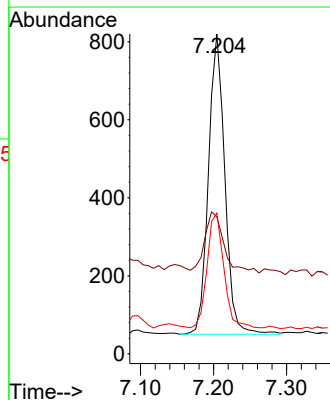
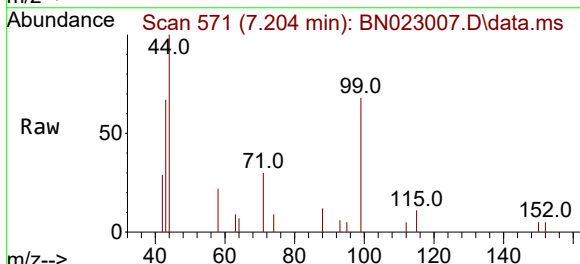
Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

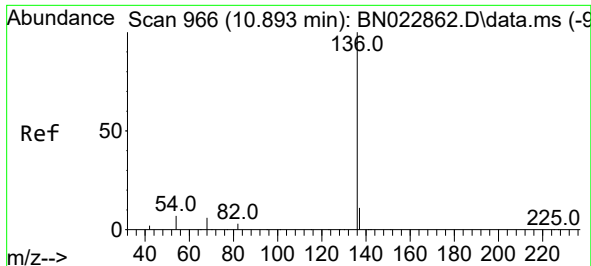
Tgt Ion:112 Resp: 1594
Ion Ratio Lower Upper
112 100
64 56.3 43.4 65.2
63 30.9 23.4 35.2



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion: 99 Resp: 1201
Ion Ratio Lower Upper
99 100
42 23.9 16.0 24.0
71 39.0 26.8 40.2

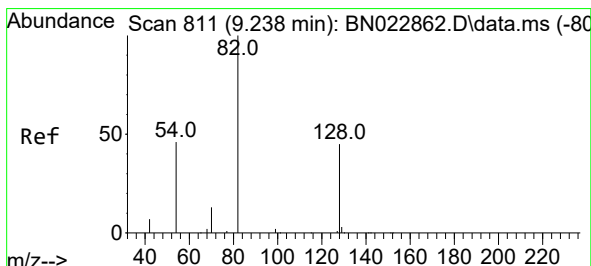
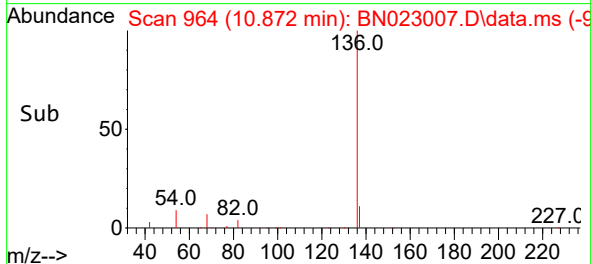
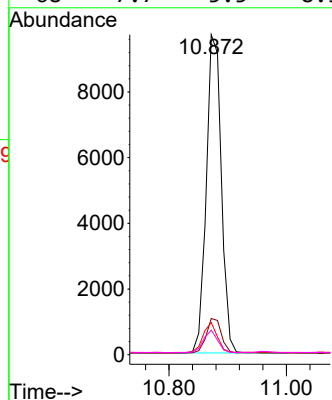
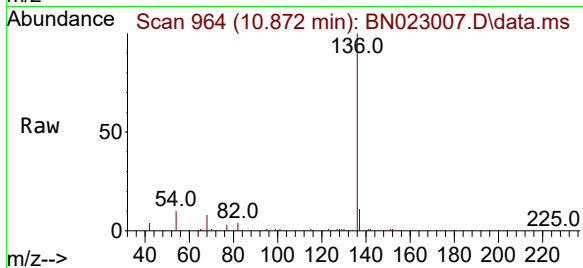




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.010 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

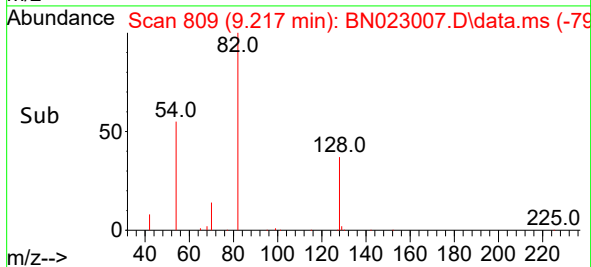
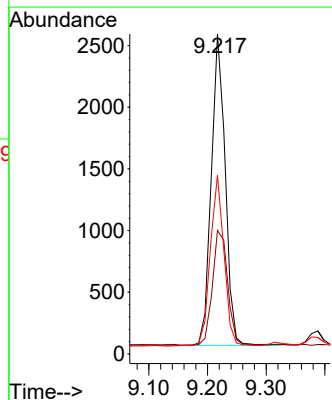
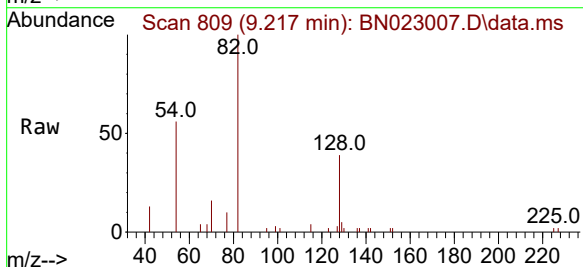
Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

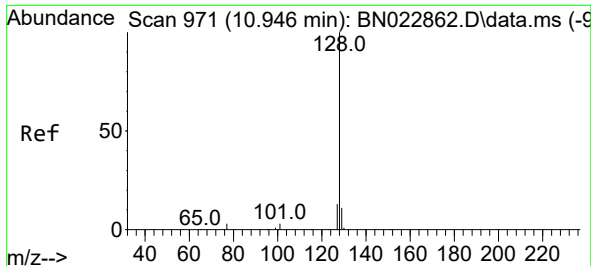
Tgt Ion:	136	Resp:	17278
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	10.1	6.6	9.8#
68	7.7	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion:	82	Resp:	4182
Ion Ratio	Lower	Upper	
82	100		
128	38.6	36.6	54.8
54	55.9	38.5	57.7

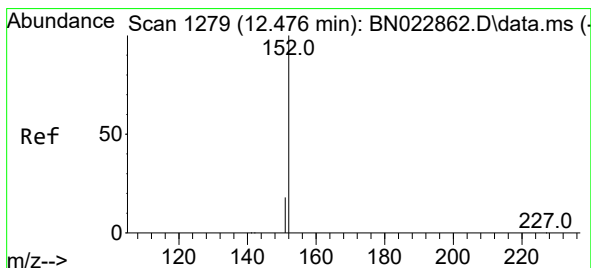
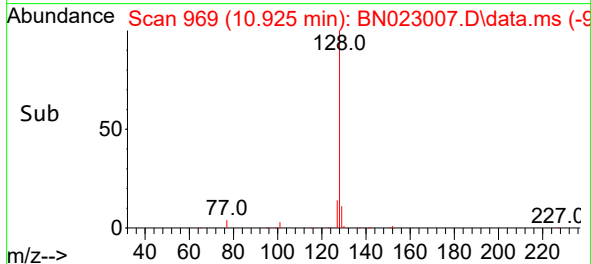
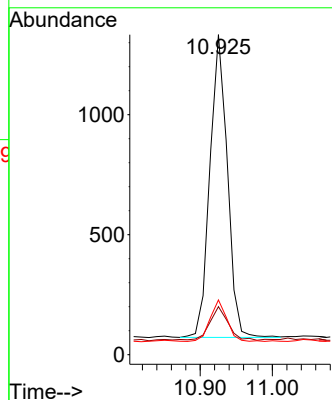
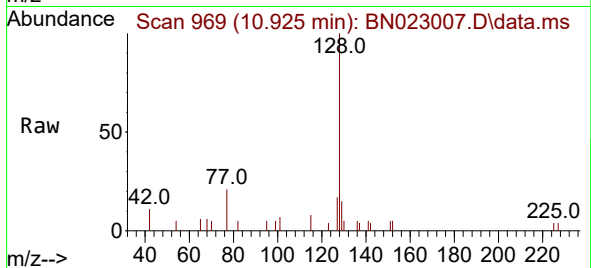




#9
Naphthalene
Concen: 0.040 ng
RT: 10.925 min Scan# 90
Delta R.T. -0.010 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

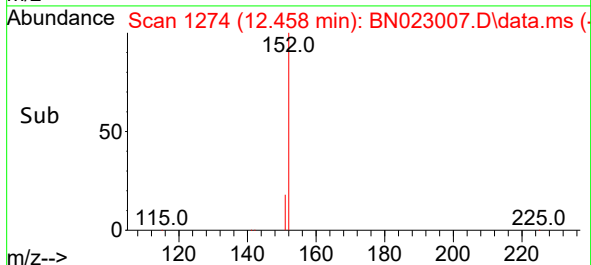
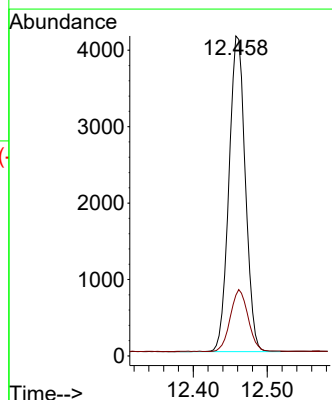
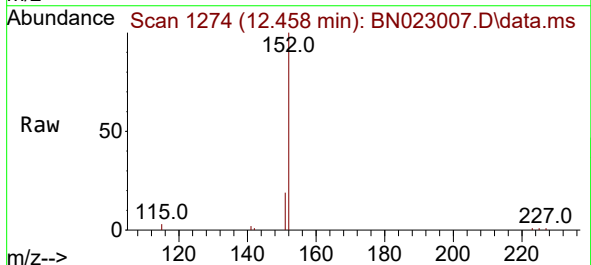
Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

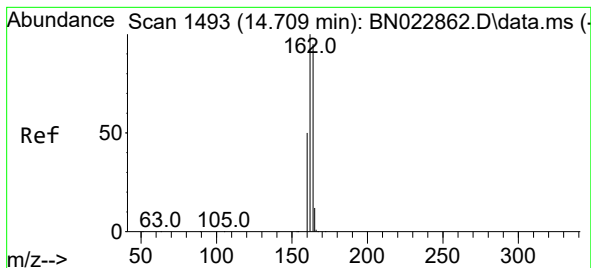
Tgt Ion:128 Resp: 2122
Ion Ratio Lower Upper
128 100
129 15.0 9.0 13.4#
127 17.1 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.179 ng
RT: 12.458 min Scan# 1274
Delta R.T. -0.007 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion:152 Resp: 6702
Ion Ratio Lower Upper
152 100
151 24.7 18.6 27.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.698 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

Instrument :

BNA_N

ClientSampleId :

TT150S1-20221117

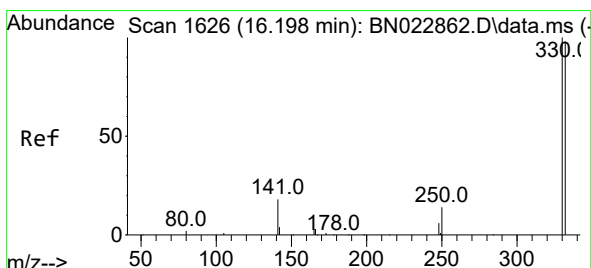
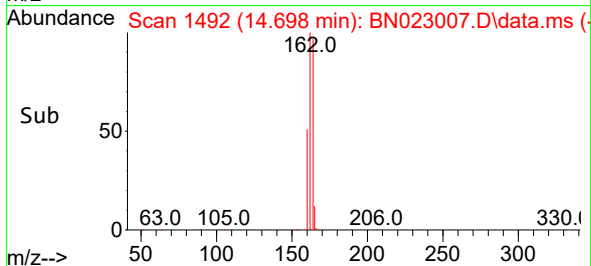
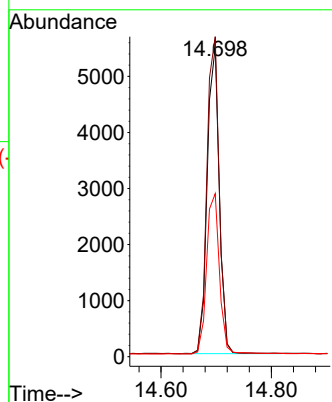
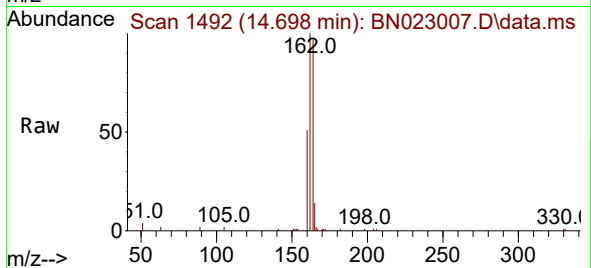
Tgt Ion:164 Resp: 8353

Ion Ratio Lower Upper

164 100

162 103.3 84.2 126.4

160 52.6 42.5 63.7



#14

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 16.186 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

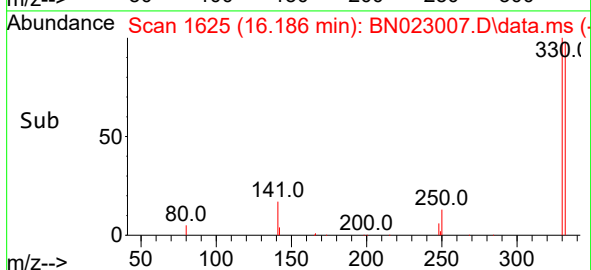
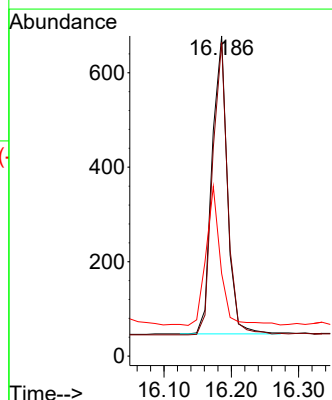
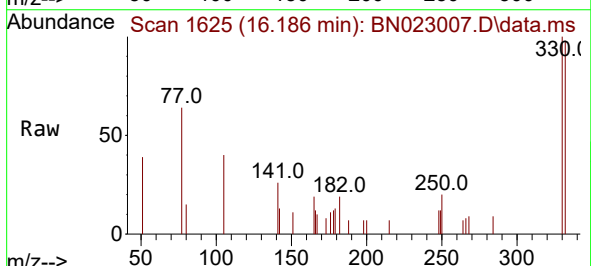
Tgt Ion:330 Resp: 991

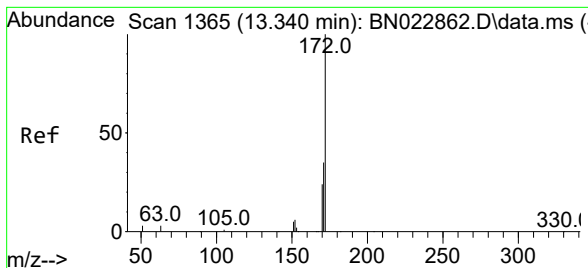
Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

141 44.1 32.6 48.8





#15

2-Fluorobiphenyl

Concen: 0.356 ng

RT: 13.330 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

Instrument :

BNA_N

ClientSampleId :

TT150S1-20221117

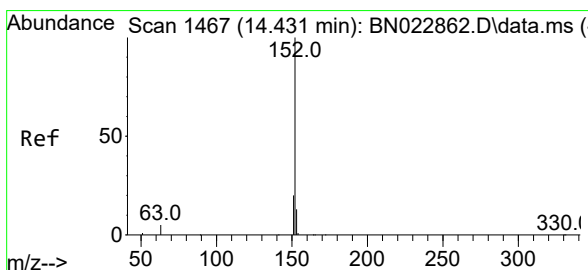
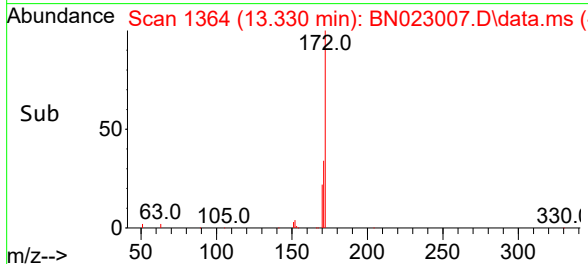
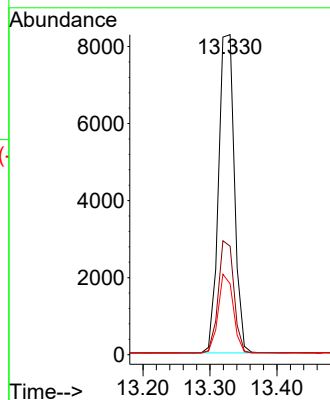
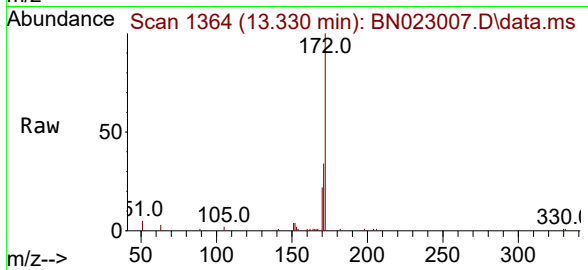
Tgt Ion:172 Resp: 13594

Ion Ratio Lower Upper

172 100

171 33.9 28.2 42.4

170 22.2 19.3 28.9



#16

Acenaphthylene

Concen: 0.030 ng

RT: 14.410 min Scan# 1465

Delta R.T. -0.010 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

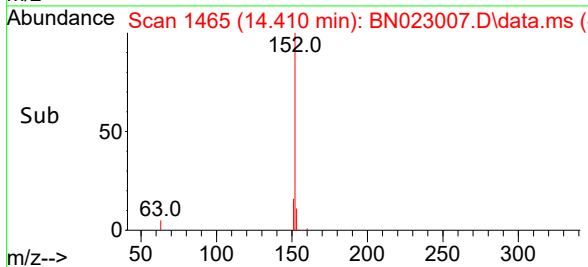
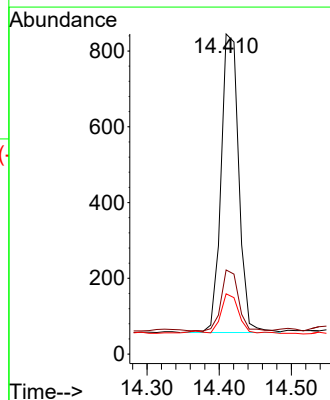
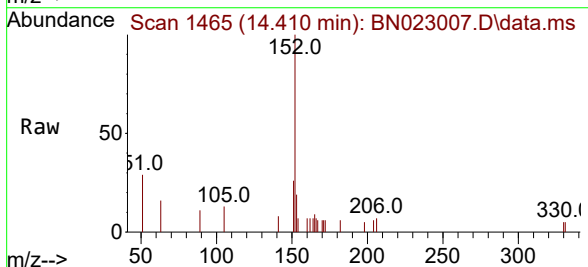
Tgt Ion:152 Resp: 1344

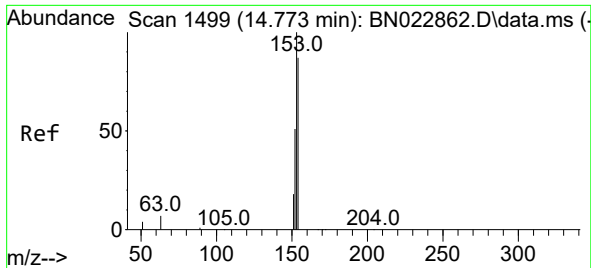
Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 15.5 10.5 15.7

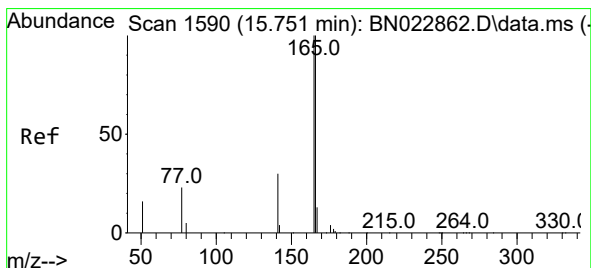
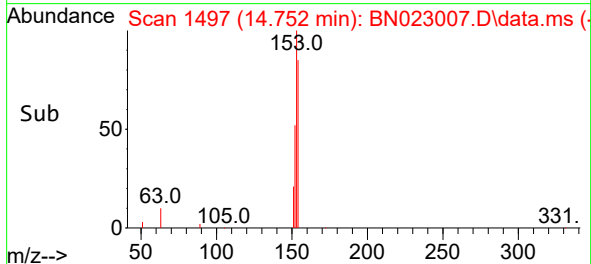
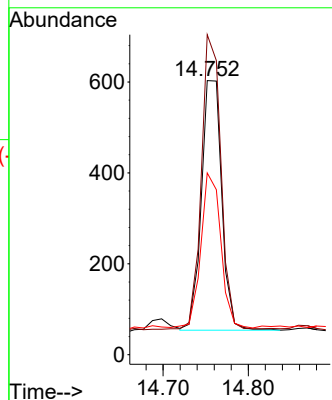
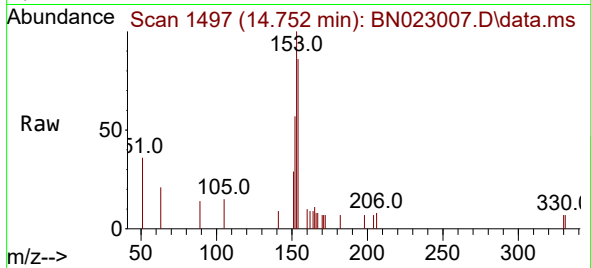




#17
Acenaphthene
Concen: 0.031 ng
RT: 14.752 min Scan# 1497
Delta R.T. -0.010 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

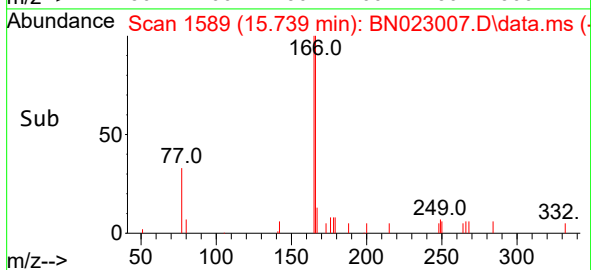
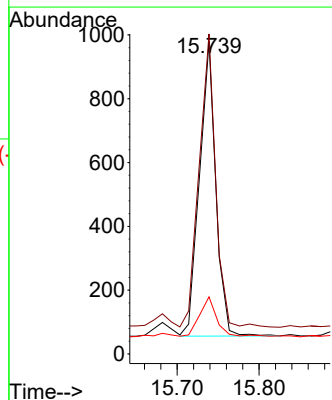
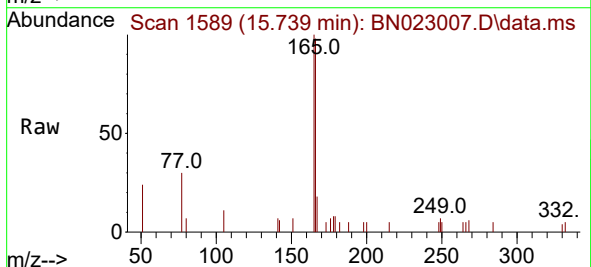
Instrument :
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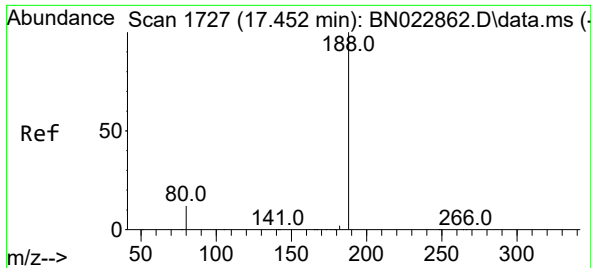
Tgt Ion:154 Resp: 911
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 60.4 47.0 70.6



#18
Fluorene
Concen: 0.034 ng
RT: 15.739 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion:166 Resp: 1260
Ion Ratio Lower Upper
166 100
165 100.6 79.4 119.0
167 15.2 10.7 16.1

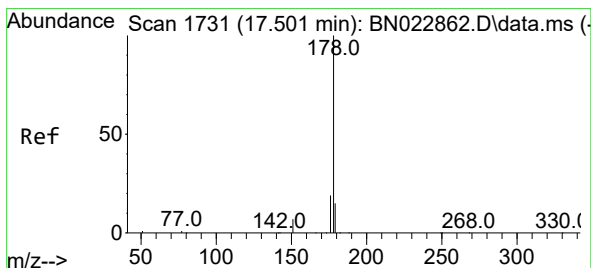
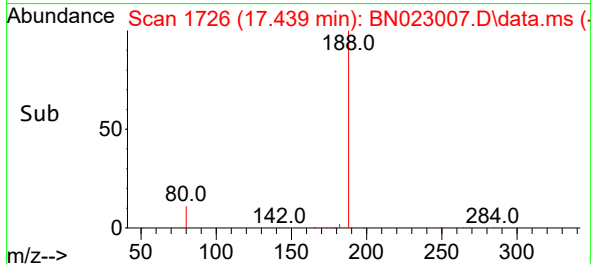
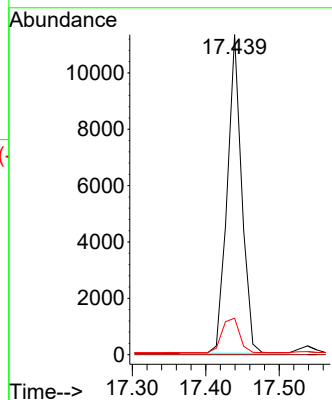
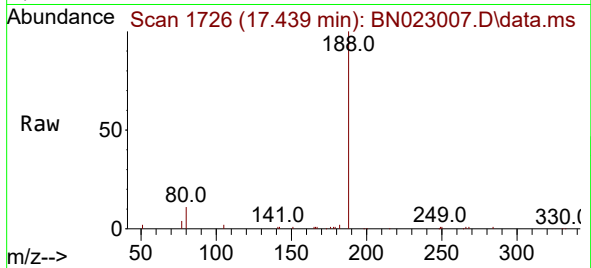




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

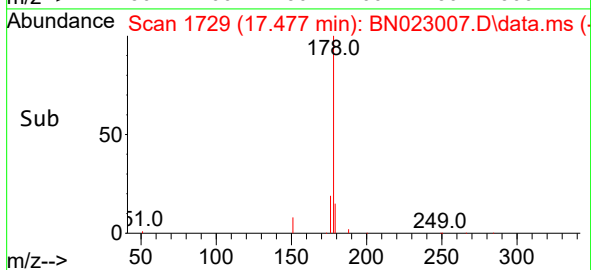
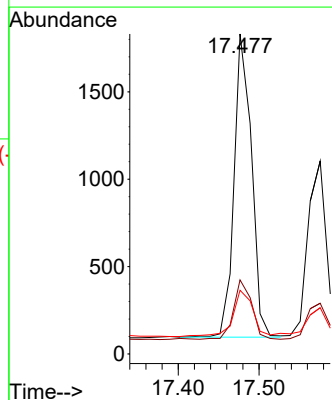
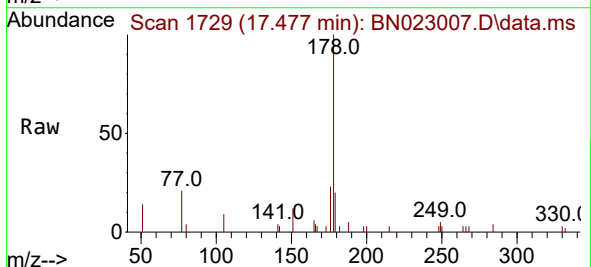
Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

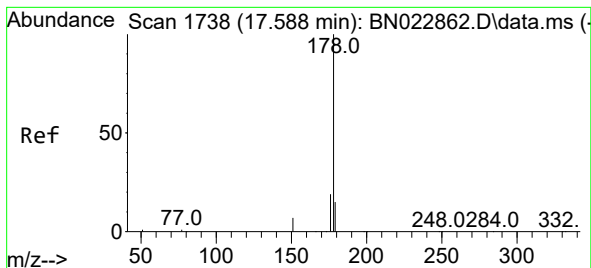
Tgt Ion:188 Resp: 15510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 10.3 15.5



#25
Phenanthrene
Concen: 0.048 ng
RT: 17.477 min Scan# 1729
Delta R.T. -0.012 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion:178 Resp: 2610
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 17.3 12.2 18.2





#26

Anthracene

Concen: 0.036 ng

RT: 17.576 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

Instrument :

BNA_N

ClientSampleId :

TT150S1-20221117

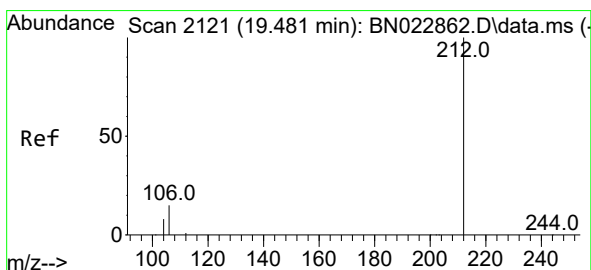
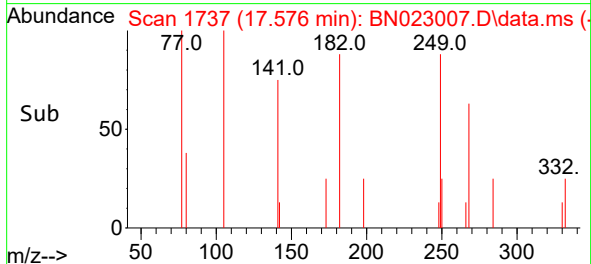
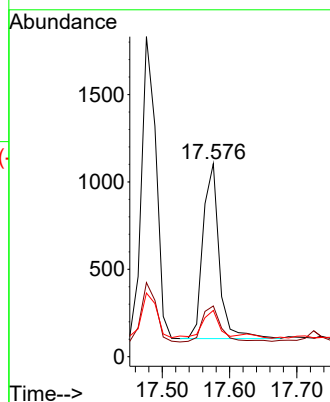
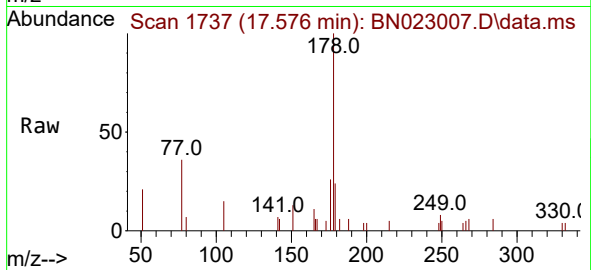
Tgt Ion:178 Resp: 1683

Ion Ratio Lower Upper

178 100

176 24.5 15.2 22.8#

179 14.1 12.2 18.2



#27

Fluoranthene-d10

Concen: 0.279 ng

RT: 19.469 min Scan# 2118

Delta R.T. -0.004 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

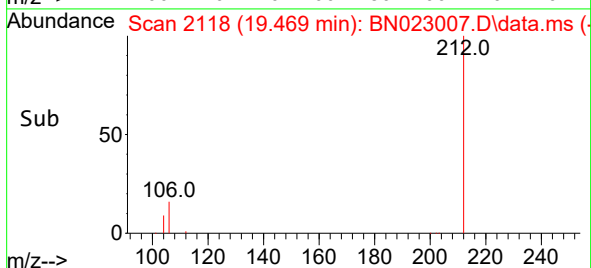
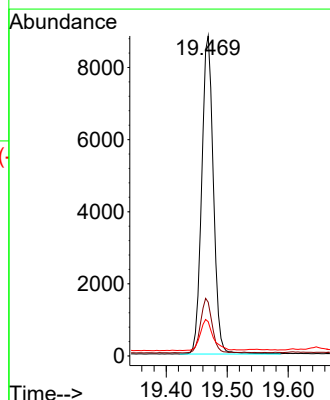
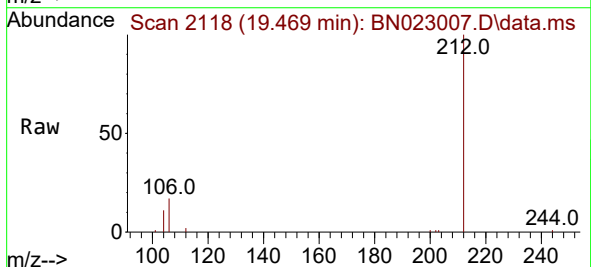
Tgt Ion:212 Resp: 11767

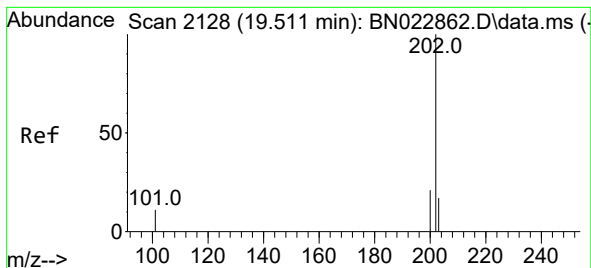
Ion Ratio Lower Upper

212 100

106 16.9 12.3 18.5

104 10.7 7.0 10.4#





#28

Fluoranthene

Concen: 0.043 ng

RT: 19.498 min Scan# 2125

Delta R.T. -0.004 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

Instrument :

BNA_N

ClientSampleId :

TT150S1-20221117

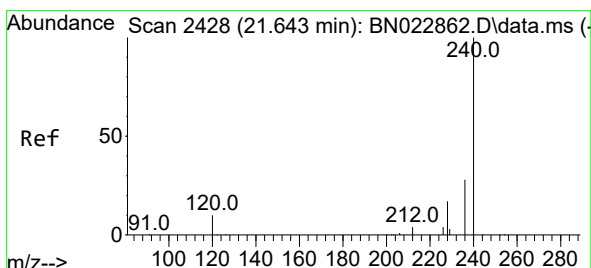
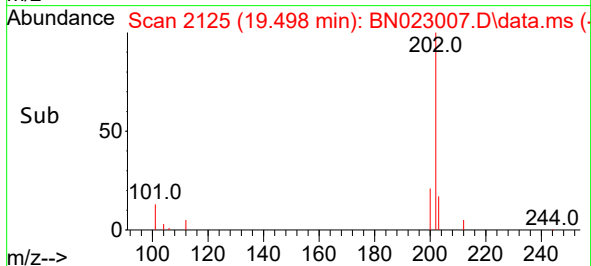
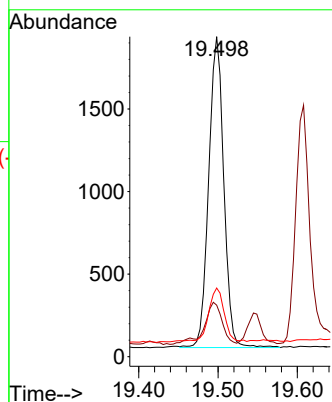
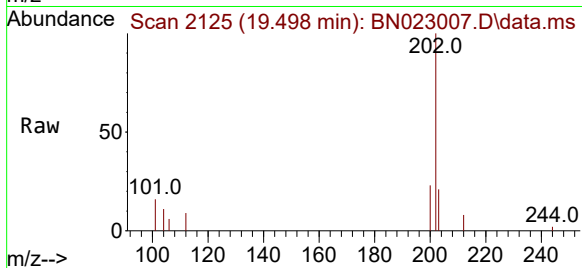
Tgt Ion:202 Resp: 2488

Ion Ratio Lower Upper

202 100

101 13.4 9.3 13.9

203 18.0 13.7 20.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

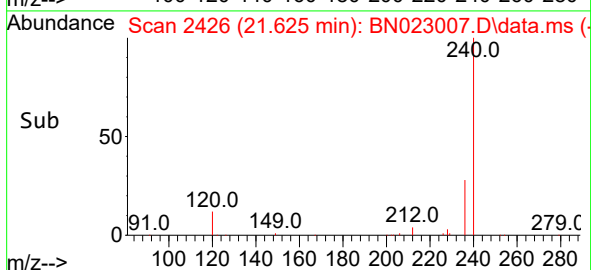
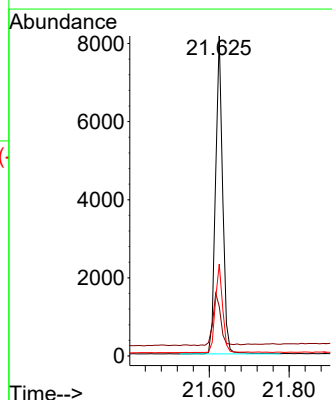
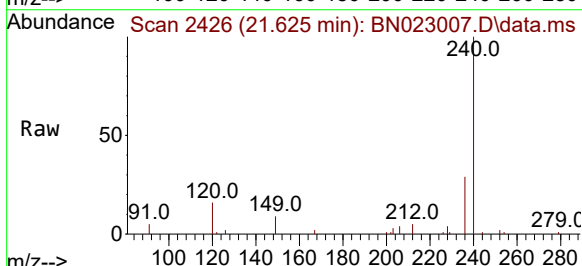
Tgt Ion:240 Resp: 10040

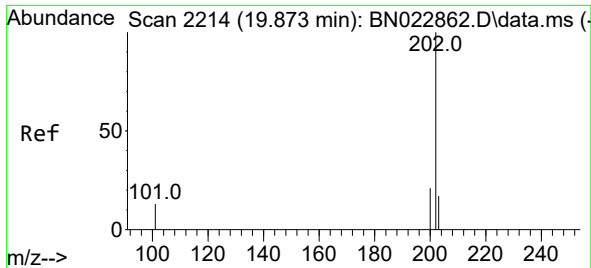
Ion Ratio Lower Upper

240 100

120 15.5 9.2 13.8#

236 28.7 22.6 34.0

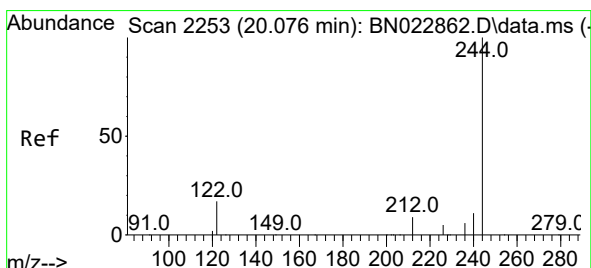
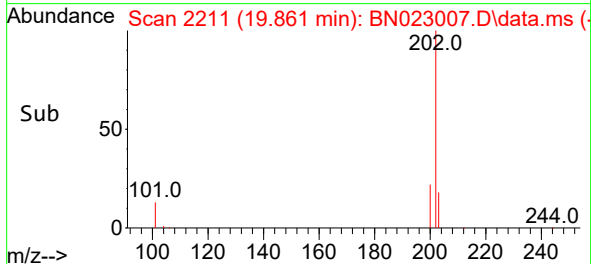
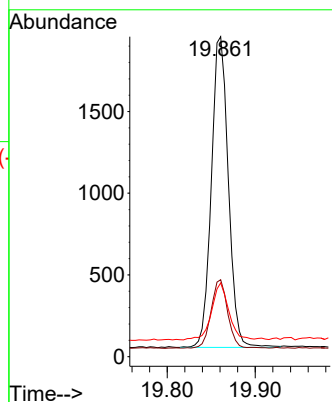
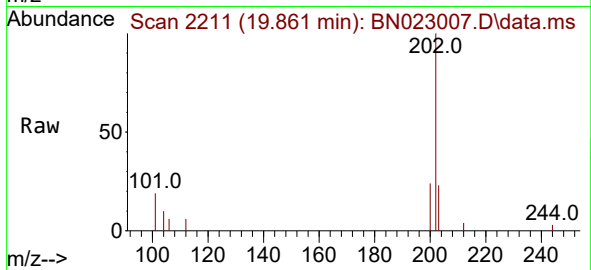




#30
Pyrene
Concen: 0.049 ng
RT: 19.861 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

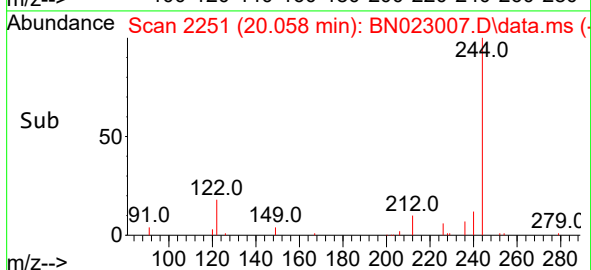
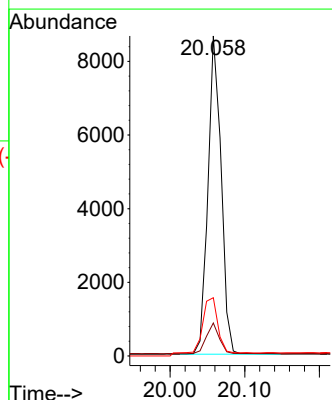
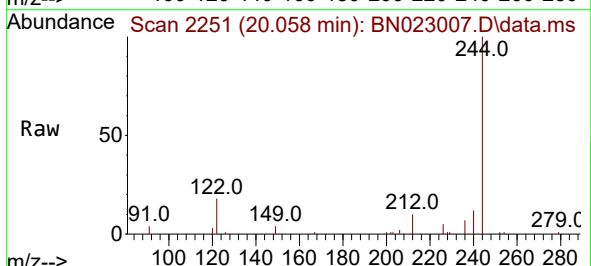
Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

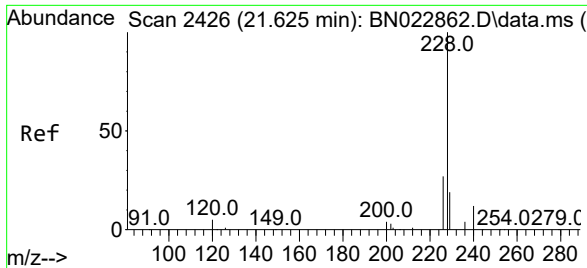
Tgt Ion:202 Resp: 2544
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.3 14.2 21.2



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 20.058 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion:244 Resp: 10562
Ion Ratio Lower Upper
244 100
212 10.3 7.9 11.9
122 18.2 13.9 20.9

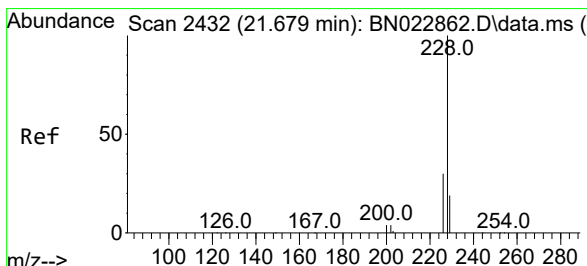
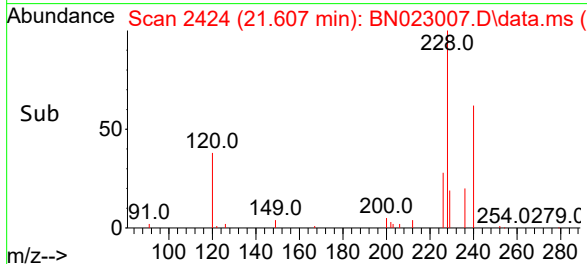
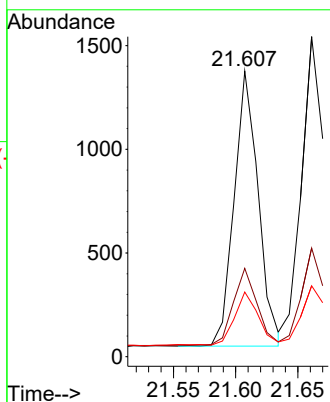
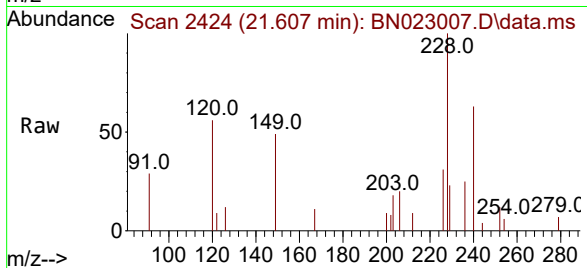




#32
Benzo(a)anthracene
Concen: 0.044 ng
RT: 21.607 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

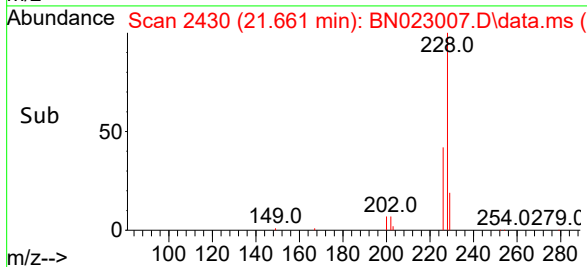
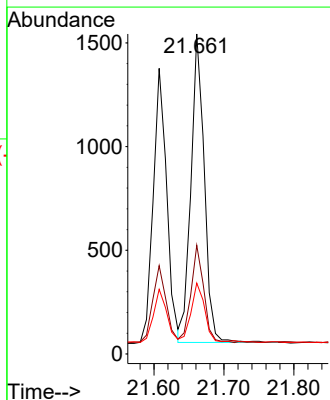
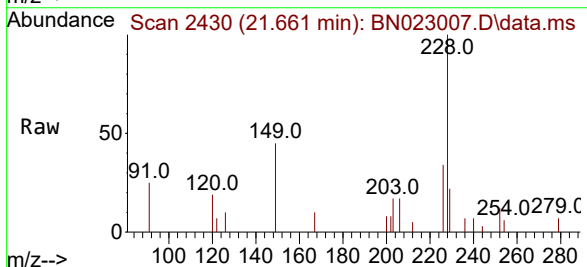
Instrument :
BNA_N
ClientSampleId :
TT150S1-20221117

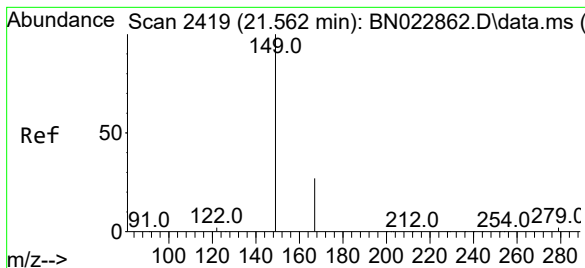
Tgt Ion:228 Resp: 1784
Ion Ratio Lower Upper
228 100
226 30.9 22.1 33.1
229 22.7 15.8 23.6



#33
Chrysene
Concen: 0.047 ng
RT: 21.661 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN023007.D
Acq: 01 Dec 2022 06:34

Tgt Ion:228 Resp: 1971
Ion Ratio Lower Upper
228 100
226 34.0 24.5 36.7
229 22.2 15.8 23.6

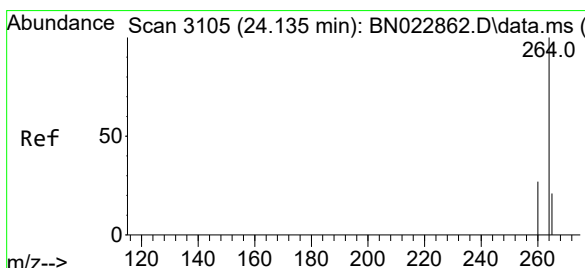
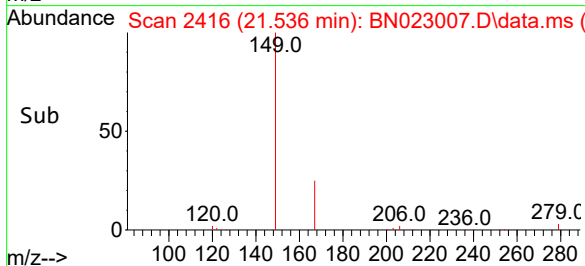
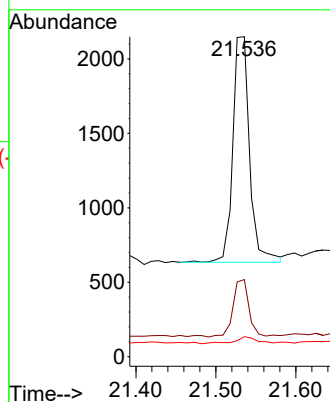
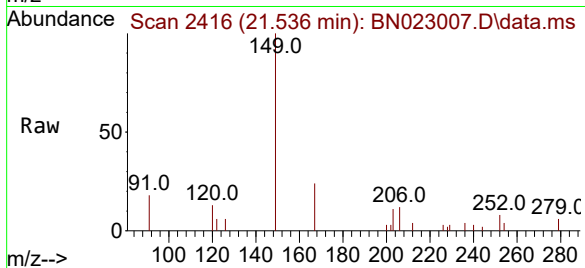




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.536 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN023007.D
 Acq: 01 Dec 2022 06:34

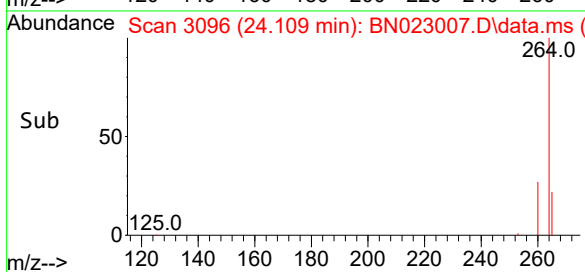
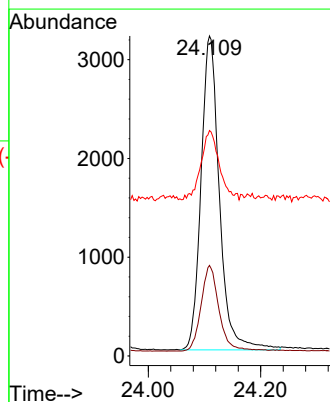
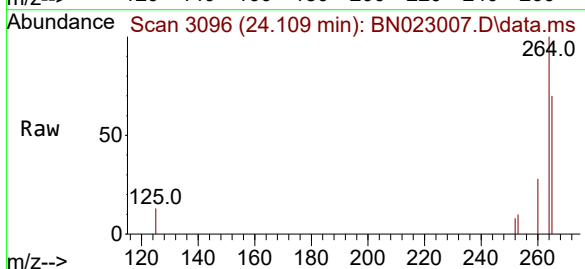
Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20221117

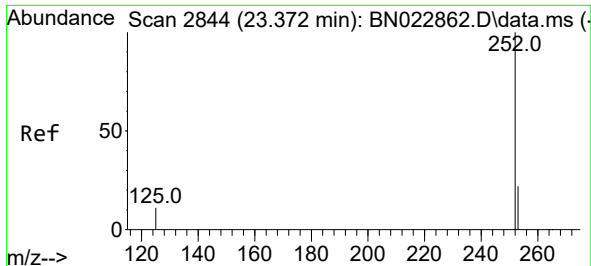
Tgt Ion:149 Resp: 2209
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.3 31.9
 279 4.5 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.109 min Scan# 3096
 Delta R.T. -0.004 min
 Lab File: BN023007.D
 Acq: 01 Dec 2022 06:34

Tgt Ion:264 Resp: 7209
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.7 32.5
 265 70.5 31.0 46.4#





#37

Benzo(b)fluoranthene

Concen: 0.053 ng

RT: 23.346 min Scan# 2835

Delta R.T. -0.004 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

Instrument :

BNA_N

ClientSampleId :

TT150S1-20221117

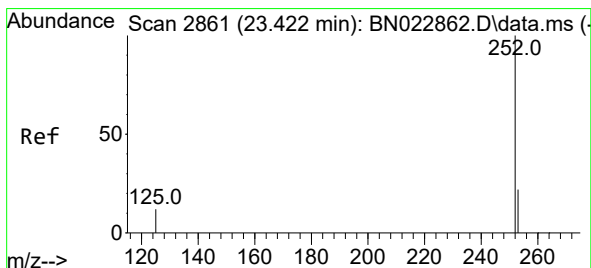
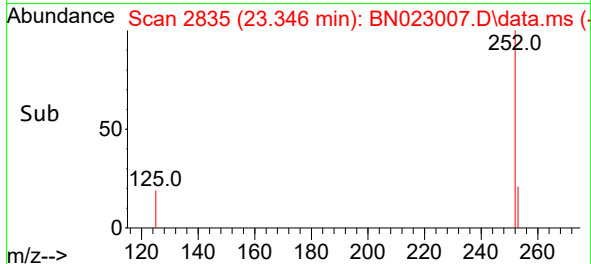
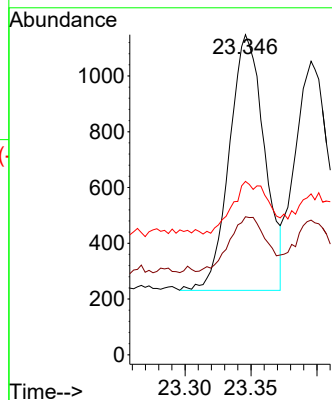
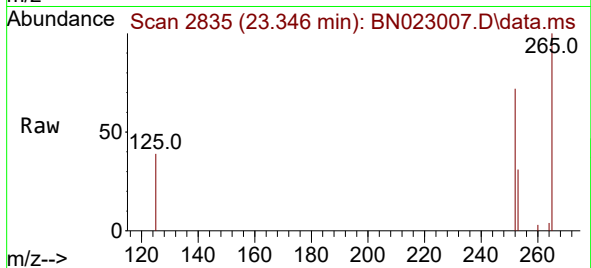
Tgt Ion:252 Resp: 1698

Ion Ratio Lower Upper

252 100

253 43.1 18.5 27.7#

125 54.2 10.8 16.2#



#38

Benzo(k)fluoranthene

Concen: 0.040 ng

RT: 23.395 min Scan# 2852

Delta R.T. -0.004 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

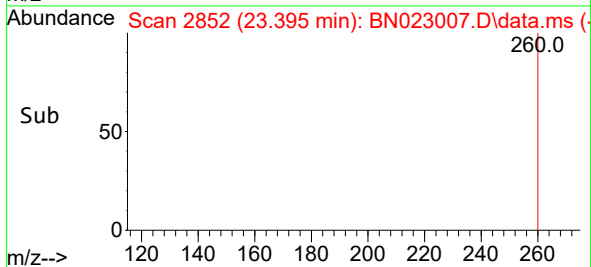
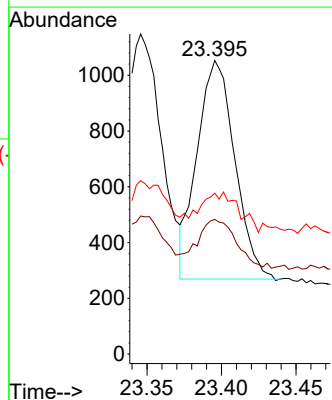
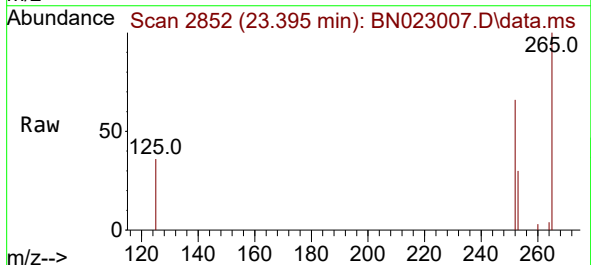
Tgt Ion:252 Resp: 1385

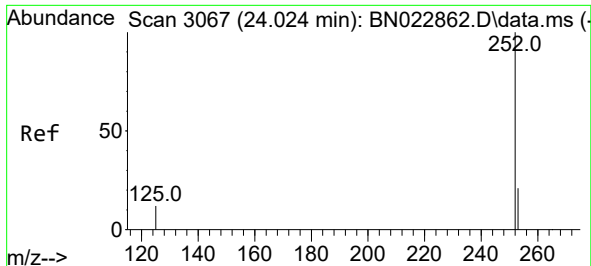
Ion Ratio Lower Upper

252 100

253 45.9 18.6 27.8#

125 54.8 11.0 16.4#





#39

Benzo(a)pyrene

Concen: 0.041 ng

RT: 23.998 min Scan# 3067

Delta R.T. -0.004 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

Instrument :

BNA_N

ClientSampleId :

TT150S1-20221117

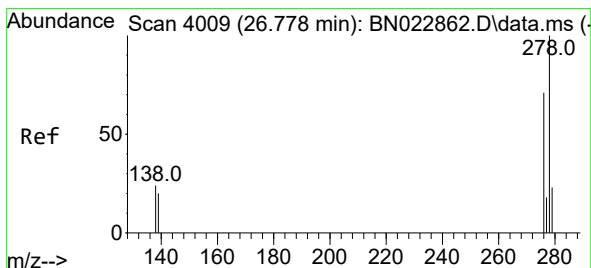
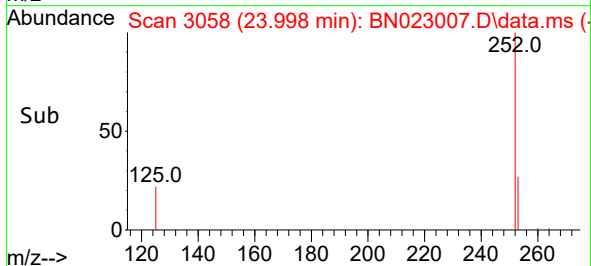
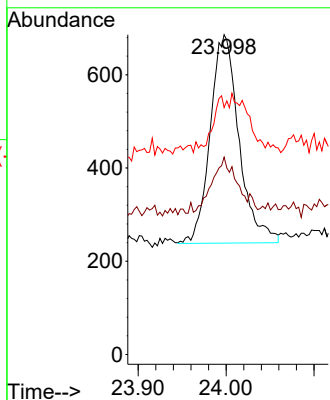
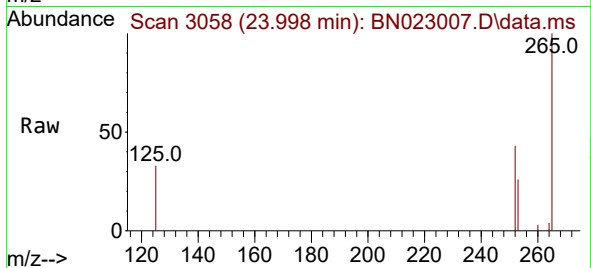
Tgt Ion:252 Resp: 1016

Ion Ratio Lower Upper

252 100

253 61.7 19.2 28.8#

125 77.3 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.045 ng

RT: 26.728 min Scan# 3992

Delta R.T. -0.010 min

Lab File: BN023007.D

Acq: 01 Dec 2022 06:34

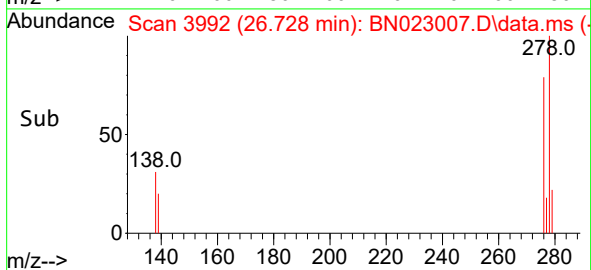
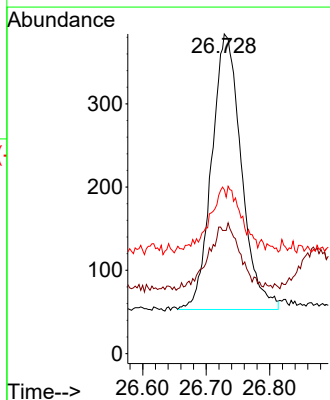
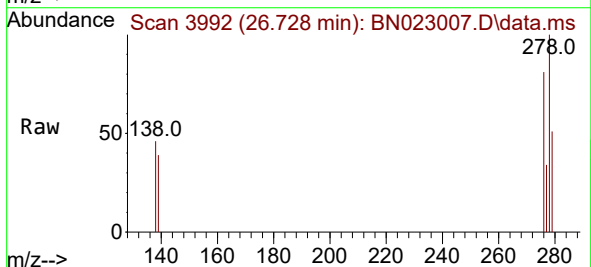
Tgt Ion:278 Resp: 1070

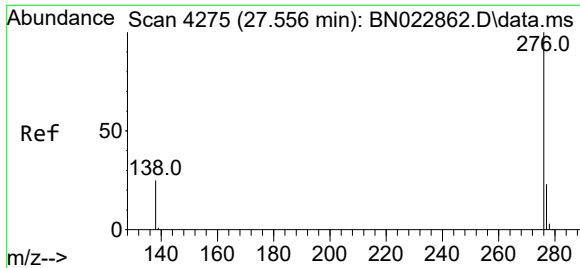
Ion Ratio Lower Upper

278 100

139 38.5 17.4 26.0#

279 51.3 20.0 30.0#





#41

Benzo(g,h,i)perylene

Concen: 0.045 ng

RT: 27.506 min Scan# 41

Delta R.T. -0.007 min

Lab File: BN023007.D

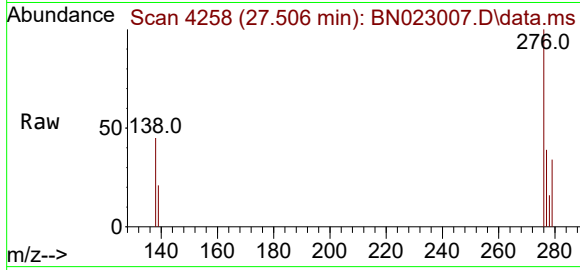
Acq: 01 Dec 2022 06:34

Instrument :

BNA_N

ClientSampleId :

TT150S1-20221117



Tgt Ion:276 Resp: 1158

Ion Ratio Lower Upper

276 100

277 39.4 19.7 29.5#

138 45.1 21.4 32.2#

