

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
 Data File : BN033472.D
 Acq On : 17 Aug 2024 17:33
 Operator : MA/JU
 Sample : P3580-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 926-K1-SD-0-0.5-081224

Quant Time: Aug 17 23:31:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

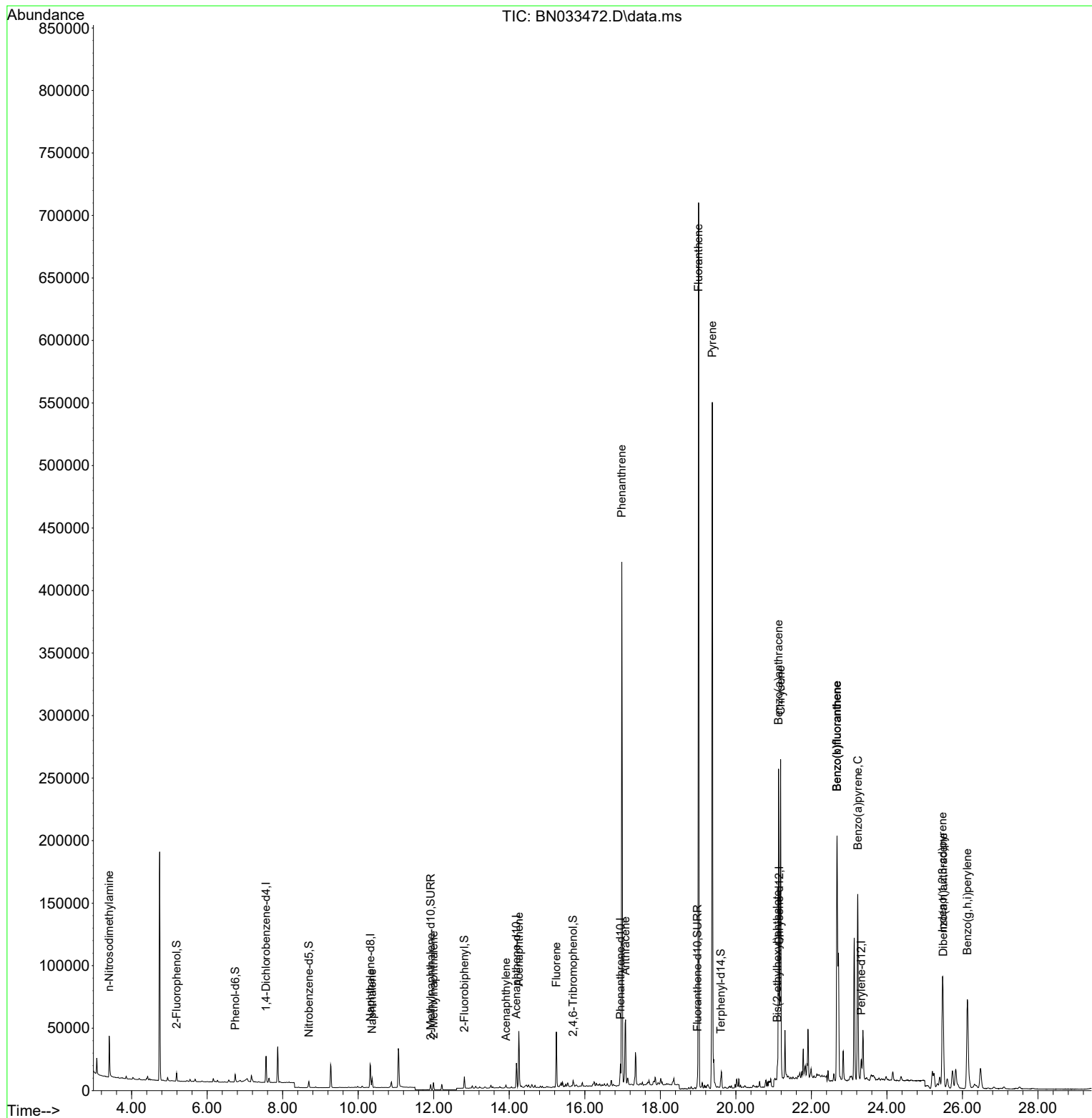
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	9488	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	25000	0.400	ng	#-0.01
13) Acenaphthene-d10	14.189	164	11514	0.400	ng	-0.01
19) Phenanthrene-d10	16.942	188	21790	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	18527	0.400	ng	0.00
35) Perylene-d12	23.317	264	19734	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	4661	0.178	ng	0.00
5) Phenol-d6	6.743	99	5262	0.149	ng	0.00
8) Nitrobenzene-d5	8.691	82	3557	0.189	ng	-0.01
11) 2-Methylnaphthalene-d10	11.918	152	5506	0.143	ng	-0.01
14) 2,4,6-Tribromophenol	15.688	330	752	0.127	ng	-0.01
15) 2-Fluorobiphenyl	12.810	172	7581	0.161	ng	-0.01
27) Fluoranthene-d10	18.984	212	7909	0.136	ng	0.00
31) Terphenyl-d14	19.597	244	5622	0.161	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.407	42	4908	0.361	ng	# 1
9) Naphthalene	10.368	128	9190	0.133	ng	98
12) 2-Methylnaphthalene	11.994	142	4036	0.087	ng	98
16) Acenaphthylene	13.911	152	2163	0.040	ng	# 91
17) Acenaphthene	14.253	154	21941	0.595	ng	98
18) Fluorene	15.247	166	26671	0.549	ng	98
25) Phenanthrene	16.979	178	407797	6.479	ng	100
26) Anthracene	17.078	178	60332	1.083	ng	# 93
28) Fluoranthene	19.012	202	600952	7.755	ng	100
30) Pyrene	19.374	202	479680	6.503	ng	# 95
32) Benzo(a)anthracene	21.130	228	214327	3.097	ng	99
33) Chrysene	21.184	228	212818	3.055	ng	97
34) Bis(2-ethylhexyl)phtha...	21.095	149	3869	0.123	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.472	276	138523	1.699	ng	94
37) Benzo(b)fluoranthene	22.677	252	290057	3.906	ng	99
38) Benzo(k)fluoranthene	22.677	252	290057	3.826	ng	98
39) Benzo(a)pyrene	23.227	252	191800	3.066	ng	97
40) Dibenzo(a,h)anthracene	25.490	278	30441	0.473	ng	95
41) Benzo(g,h,i)perylene	26.130	276	139816	1.958	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
Data File : BN033472.D
Acq On : 17 Aug 2024 17:33
Operator : MA/JU
Sample : P3580-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224

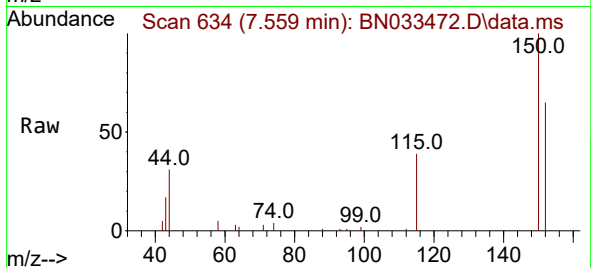
Quant Time: Aug 17 23:31:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



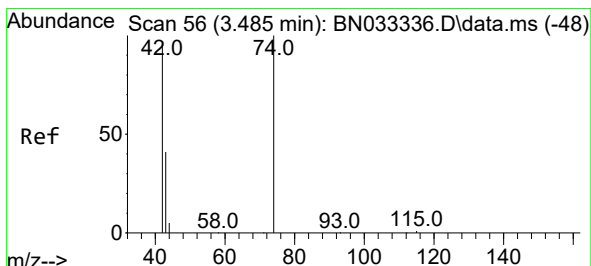
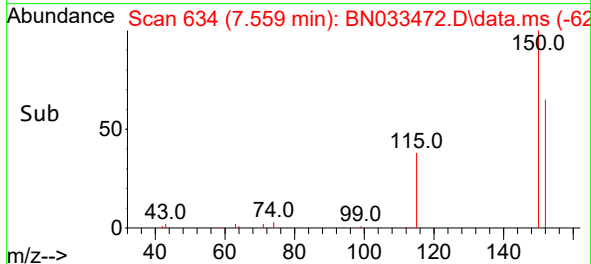
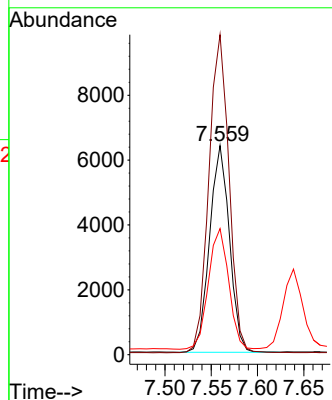


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224

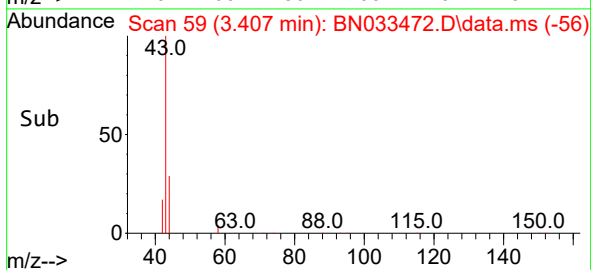
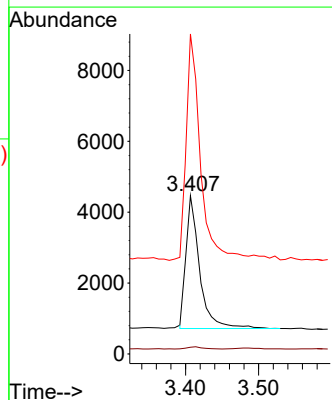
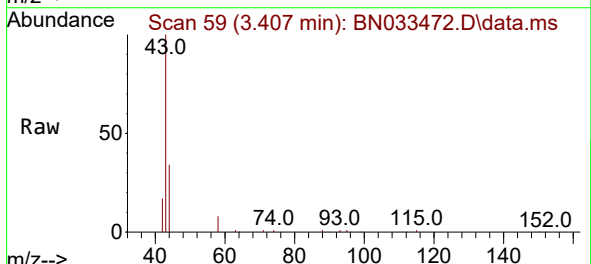


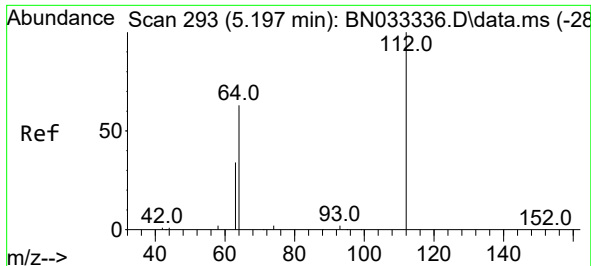
Tgt Ion:152 Resp: 9488
Ion Ratio Lower Upper
152 100
150 153.0 122.3 183.5
115 60.3 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.079 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

Tgt Ion: 42 Resp: 4908
Ion Ratio Lower Upper
42 100
74 1.7 89.0 133.6#
44 165.1 11.0 16.4#





#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.191 min Scan# 306

Delta R.T. -0.007 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224

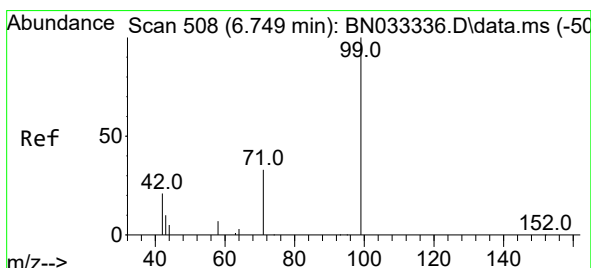
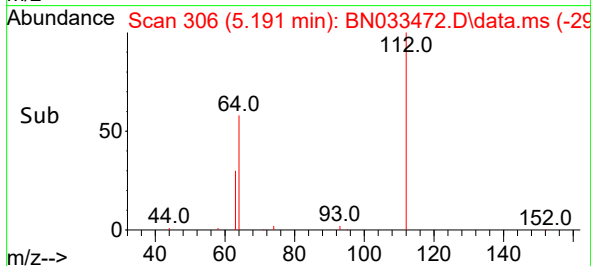
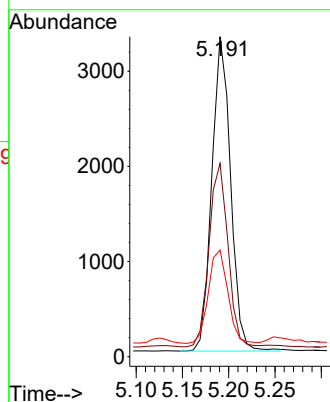
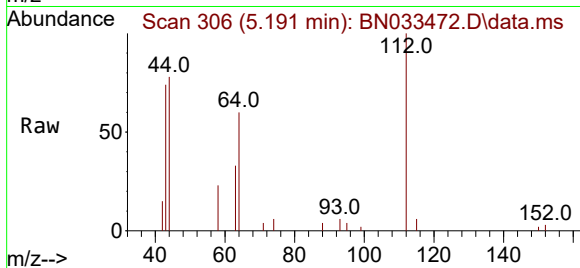
Tgt Ion:112 Resp: 4661

Ion Ratio Lower Upper

112 100

64 58.5 48.1 72.1

63 30.8 25.4 38.2



#5

Phenol-d6

Concen: 0.149 ng

RT: 6.743 min Scan# 521

Delta R.T. -0.007 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

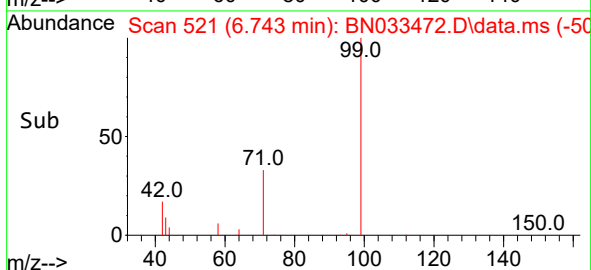
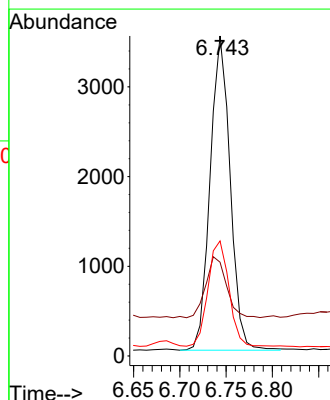
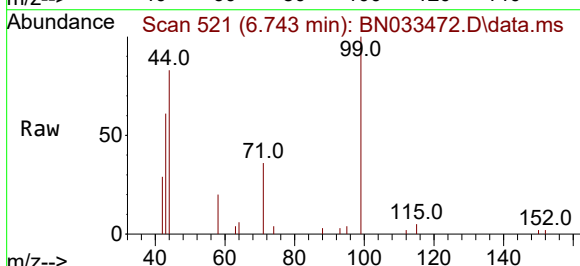
Tgt Ion: 99 Resp: 5262

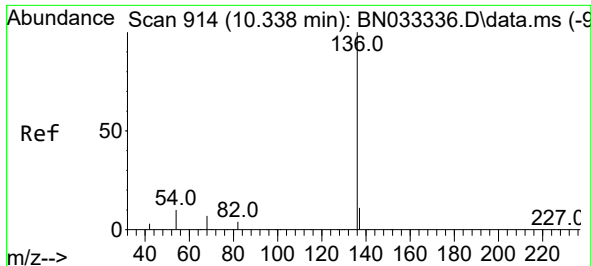
Ion Ratio Lower Upper

99 100

42 20.0 18.5 27.7

71 34.8 26.2 39.2

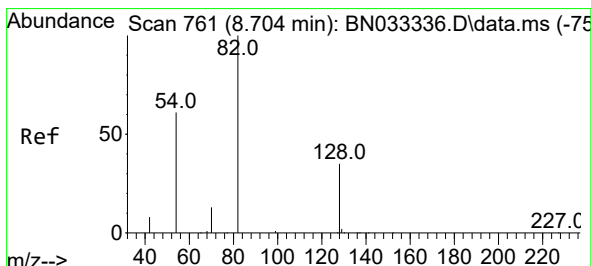
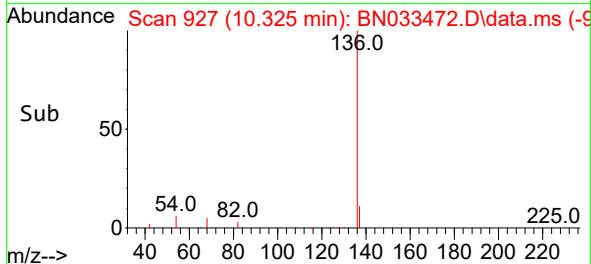
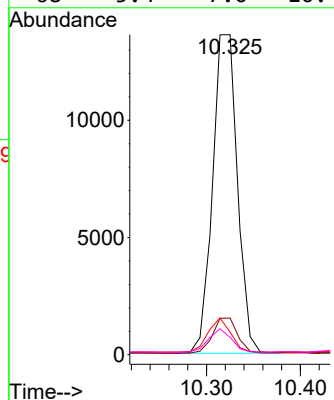
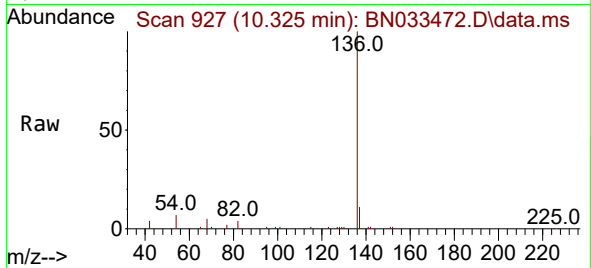




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

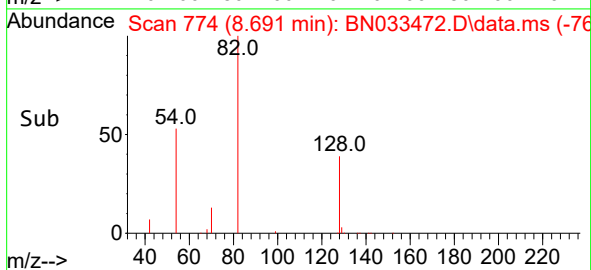
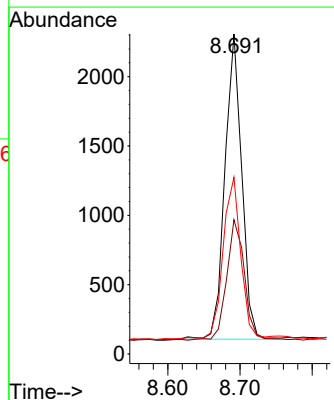
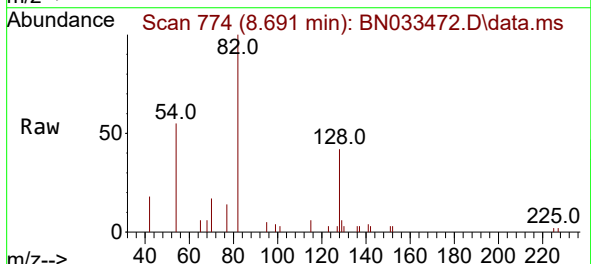
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224

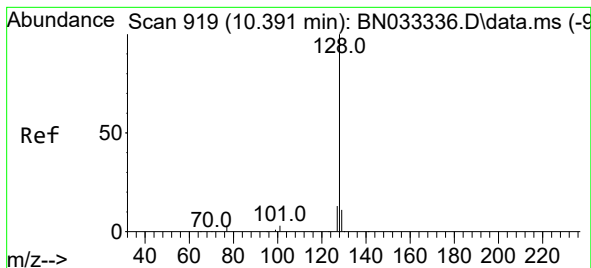
Tgt Ion:	136	Resp:	25000
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.0	9.4	14.0#
68	5.4	7.0	10.4#



#8
Nitrobenzene-d5
Concen: 0.189 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

Tgt Ion:	82	Resp:	3557
Ion Ratio	Lower	Upper	
82	100		
128	41.9	29.0	43.4
54	55.2	50.2	75.4





#9

Naphthalene

Concen: 0.133 ng

RT: 10.368 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224

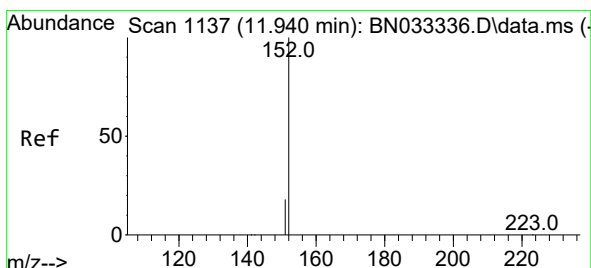
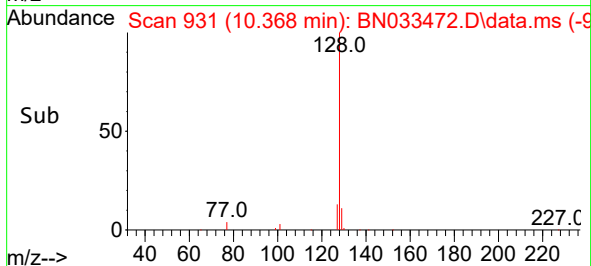
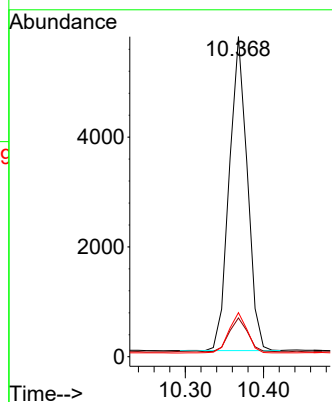
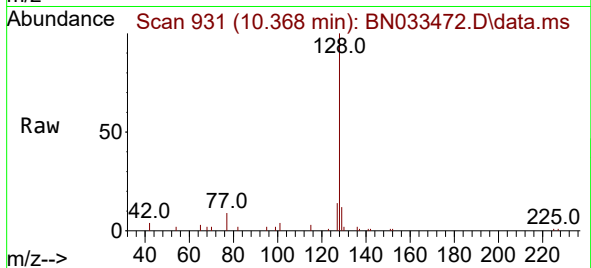
Tgt Ion:128 Resp: 9190

Ion Ratio Lower Upper

128 100

129 12.1 9.2 13.8

127 13.8 10.6 15.8



#11

2-Methylnaphthalene-d10

Concen: 0.143 ng

RT: 11.918 min Scan# 1146

Delta R.T. -0.011 min

Lab File: BN033472.D

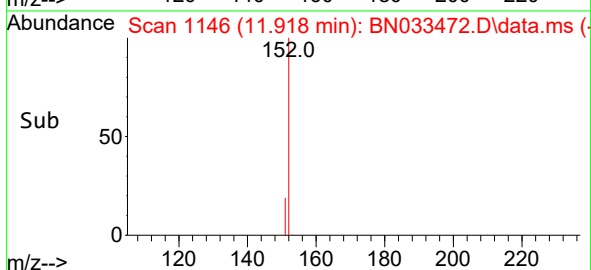
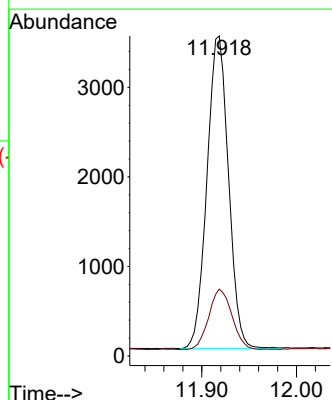
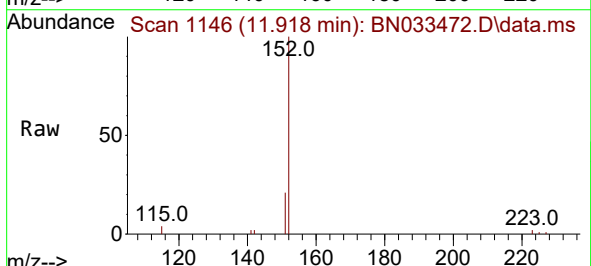
Acq: 17 Aug 2024 17:33

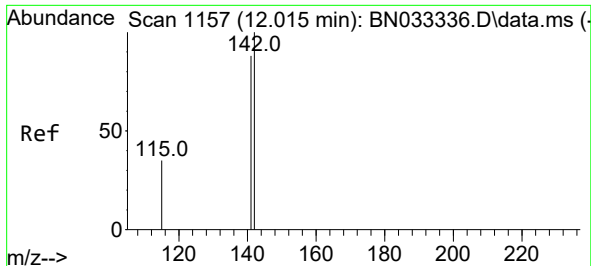
Tgt Ion:152 Resp: 5506

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

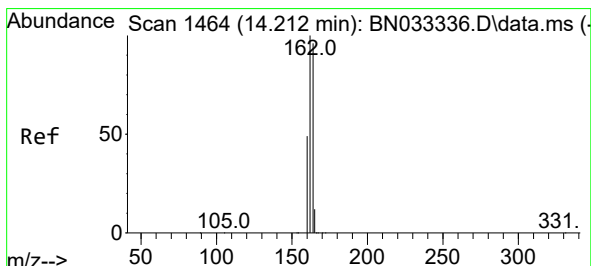
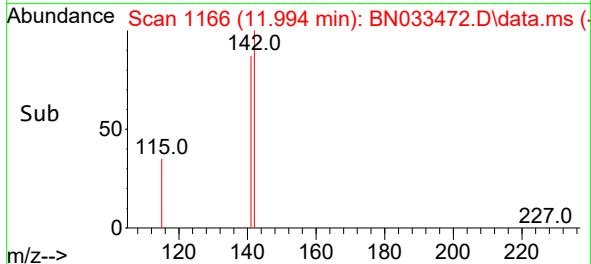
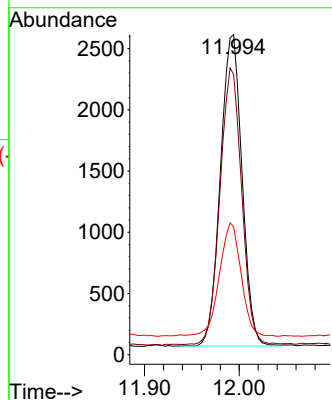
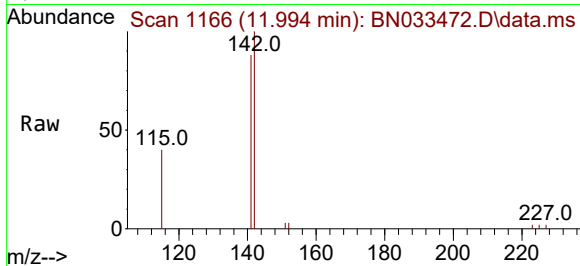




#12
2-Methylnaphthalene
Concen: 0.087 ng
RT: 11.994 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

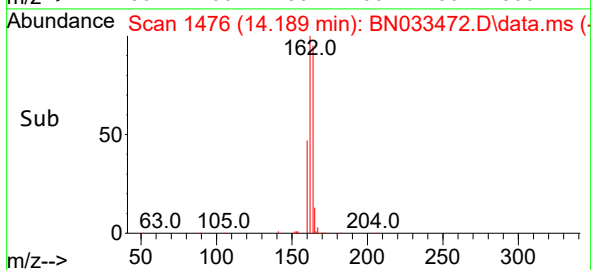
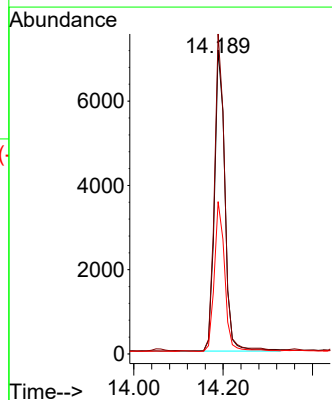
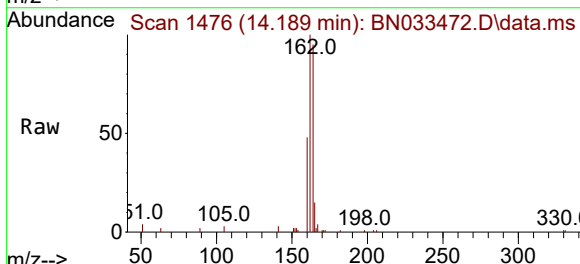
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224

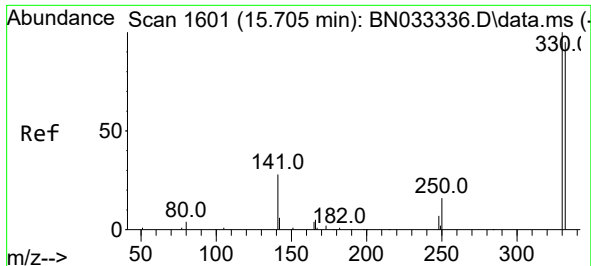
Tgt Ion:	142	Resp:	4036
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.2	105.4
115	39.9	29.3	43.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.011 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

Tgt Ion:	164	Resp:	11514
Ion Ratio	Lower	Upper	
164	100		
162	105.3	83.1	124.7
160	50.1	41.1	61.7

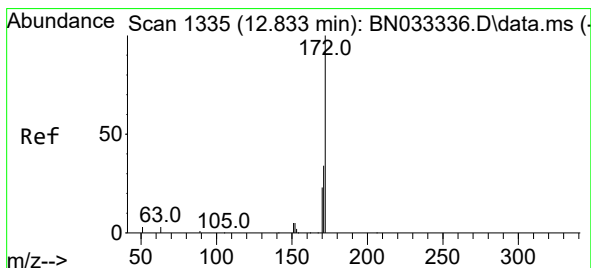
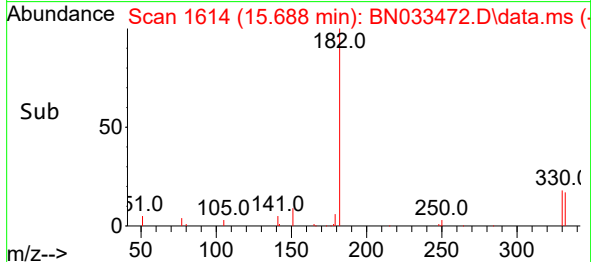
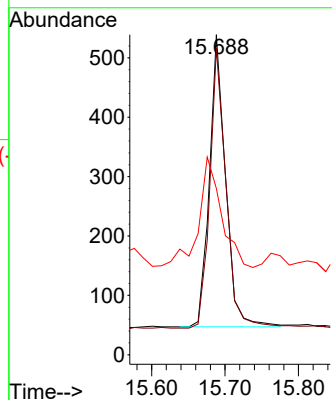
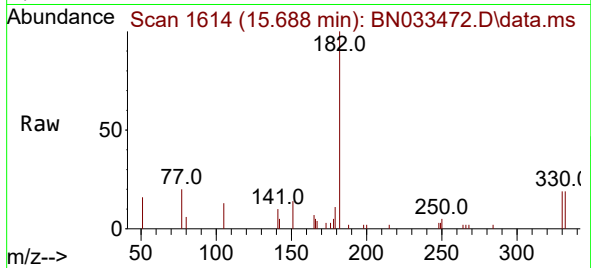




#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

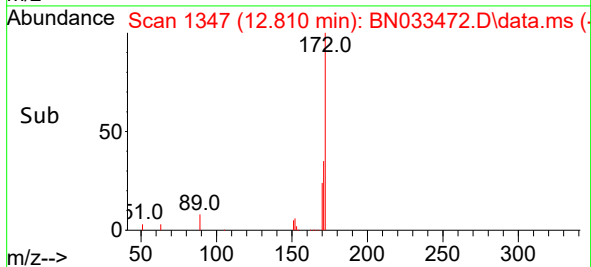
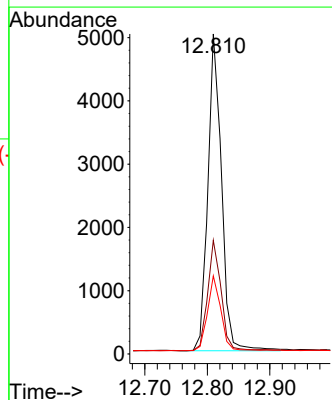
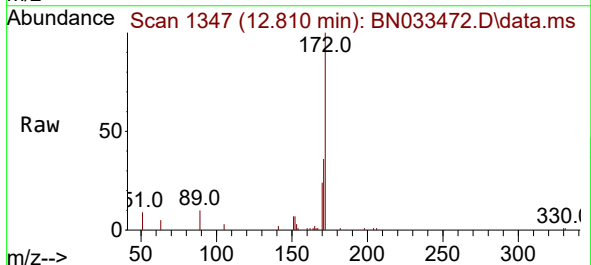
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224

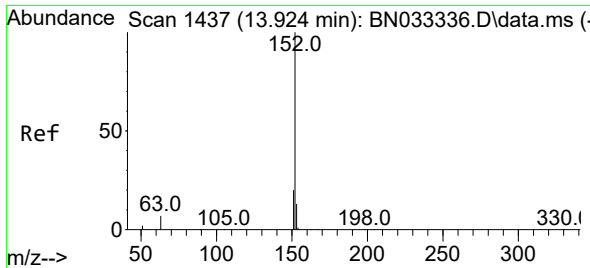
Tgt Ion:330 Resp: 752
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 53.2 33.4 50.0#



#15
2-Fluorobiphenyl
Concen: 0.161 ng
RT: 12.810 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

Tgt Ion:172 Resp: 7581
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 24.4 18.7 28.1

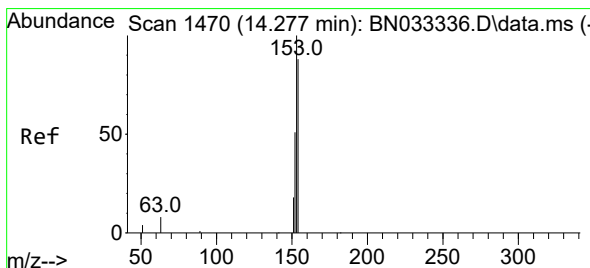
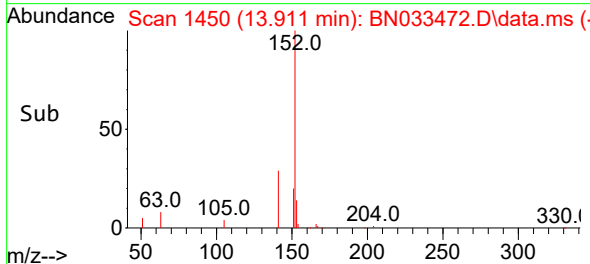
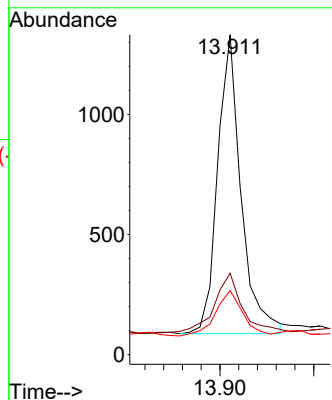
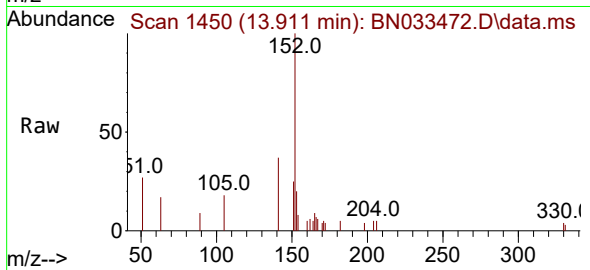




#16
 Acenaphthylene
 Concen: 0.040 ng
 RT: 13.911 min Scan# 1437
 Delta R.T. -0.011 min
 Lab File: BN033472.D
 Acq: 17 Aug 2024 17:33

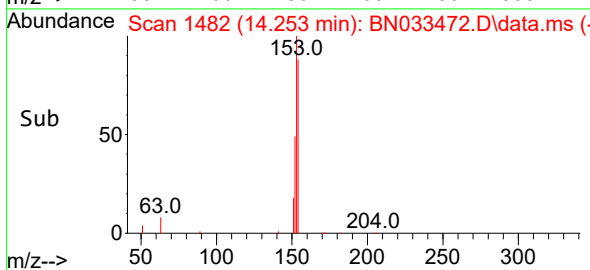
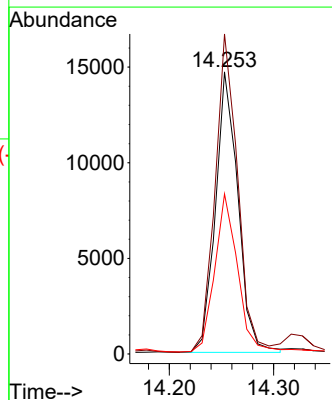
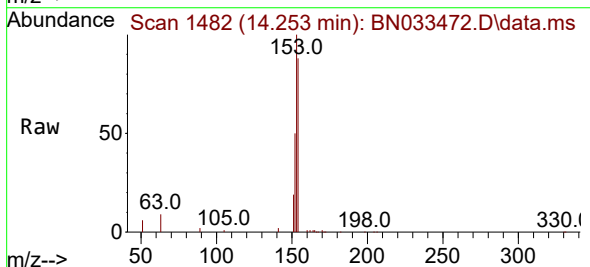
Instrument :
 BNA_N
 ClientSampleId :
 926-K1-SD-0-0.5-081224

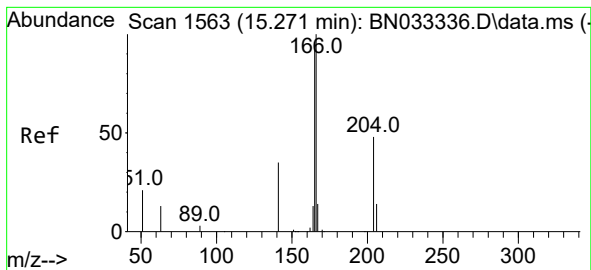
Tgt Ion:152 Resp: 2163
 Ion Ratio Lower Upper
 152 100
 151 22.9 15.7 23.5
 153 17.6 10.4 15.6#



#17
 Acenaphthene
 Concen: 0.595 ng
 RT: 14.253 min Scan# 1482
 Delta R.T. -0.011 min
 Lab File: BN033472.D
 Acq: 17 Aug 2024 17:33

Tgt Ion:154 Resp: 21941
 Ion Ratio Lower Upper
 154 100
 153 113.4 89.7 134.5
 152 57.0 47.2 70.8





#18

Fluorene

Concen: 0.549 ng

RT: 15.247 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224

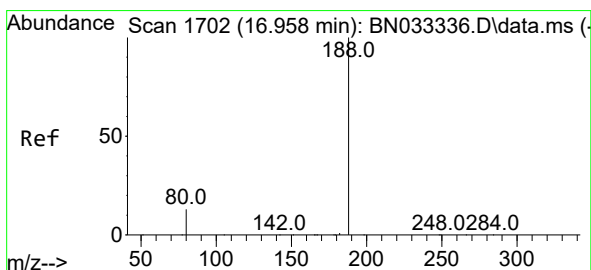
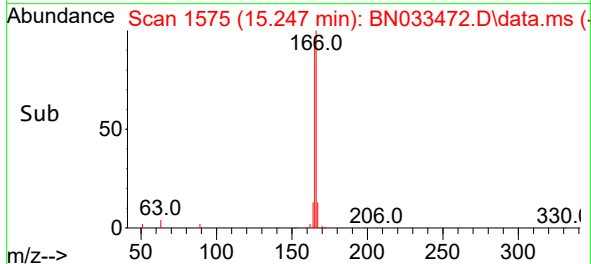
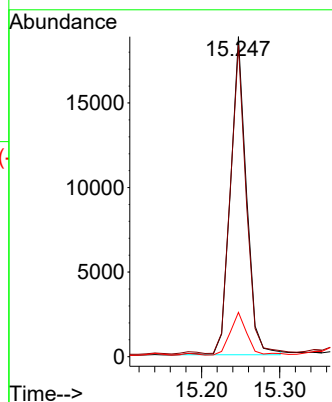
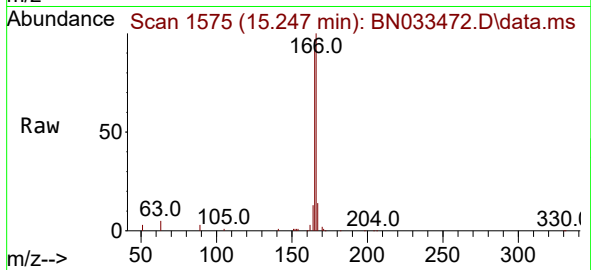
Tgt Ion:166 Resp: 26671

Ion Ratio Lower Upper

166 100

165 96.0 78.0 117.0

167 14.1 10.7 16.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

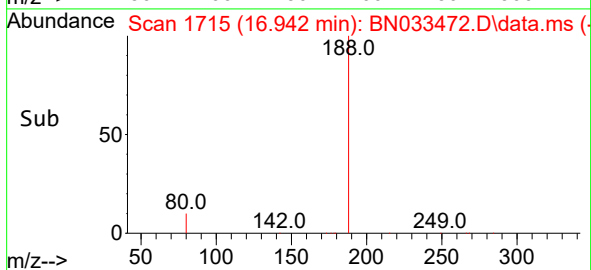
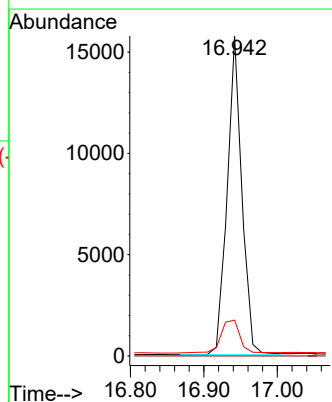
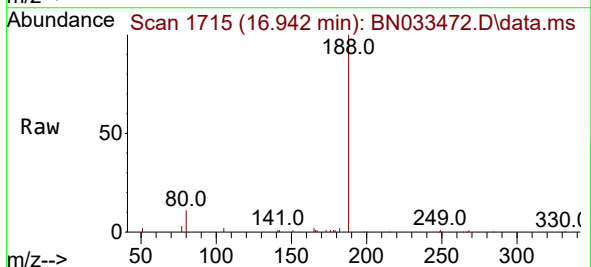
Tgt Ion:188 Resp: 21790

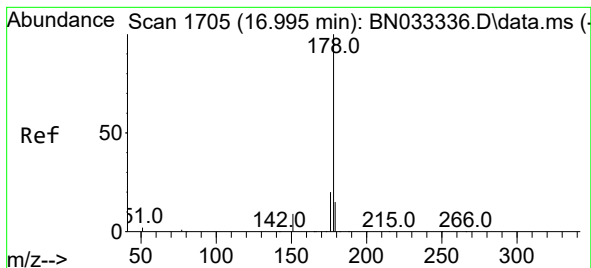
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 10.7 16.1





#25

Phenanthrene

Concen: 6.479 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.012 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224

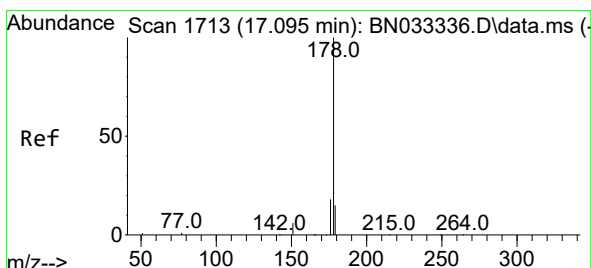
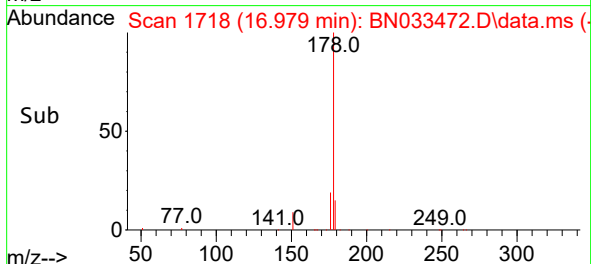
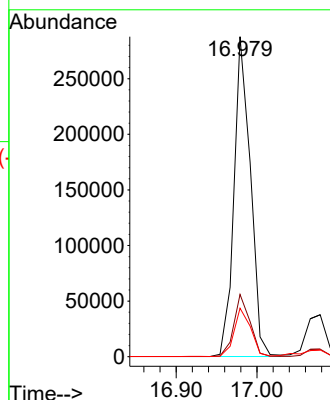
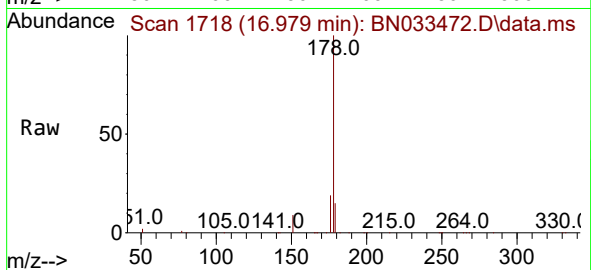
Tgt Ion:178 Resp: 407797

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.2 18.2



#26

Anthracene

Concen: 1.083 ng

RT: 17.078 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

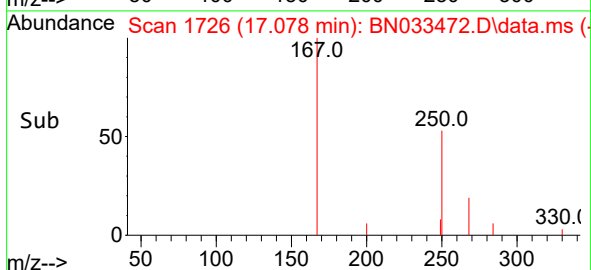
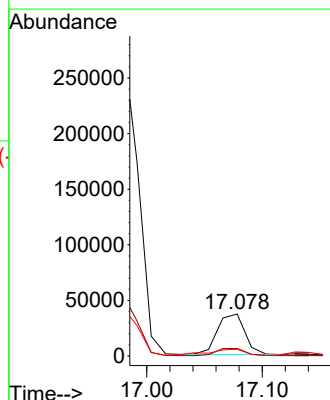
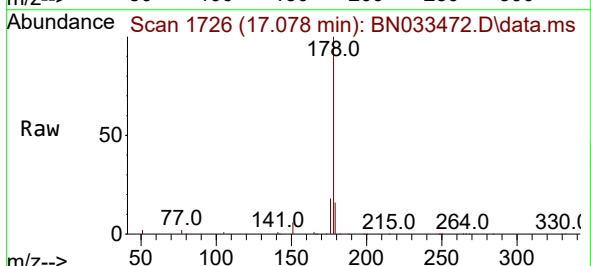
Tgt Ion:178 Resp: 60332

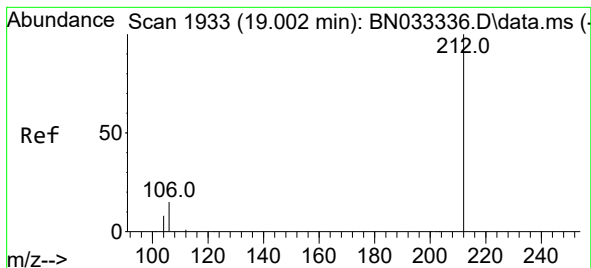
Ion Ratio Lower Upper

178 100

176 19.7 14.7 22.1

179 20.2 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.136 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.009 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

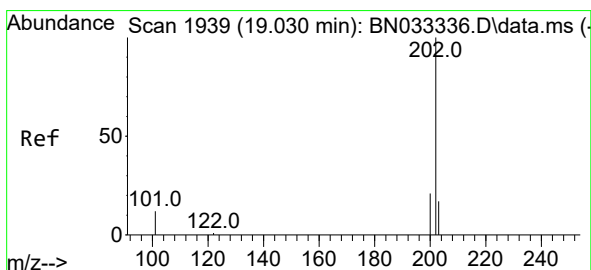
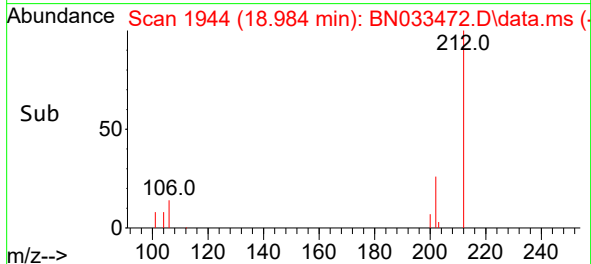
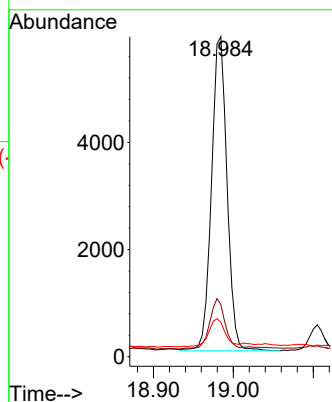
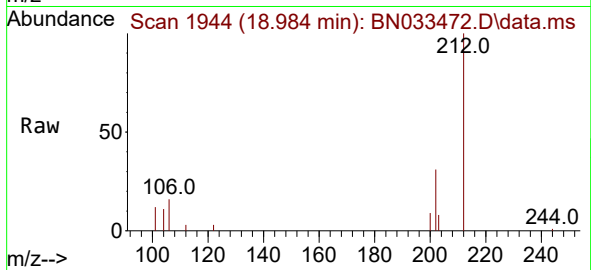
Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224

Tgt Ion:212	Resp:	7909
Ion Ratio	Lower	Upper
212	100	
106	15.7	12.8 19.2
104	9.4	7.1 10.7



#28

Fluoranthene

Concen: 7.755 ng

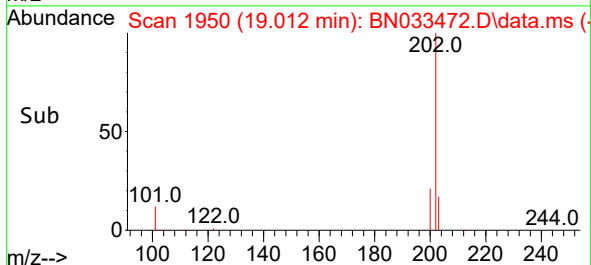
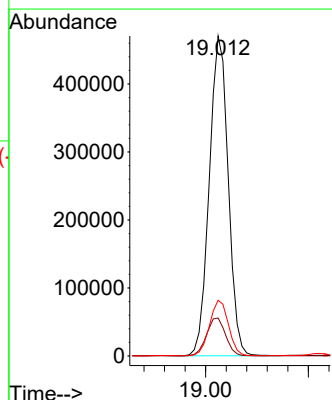
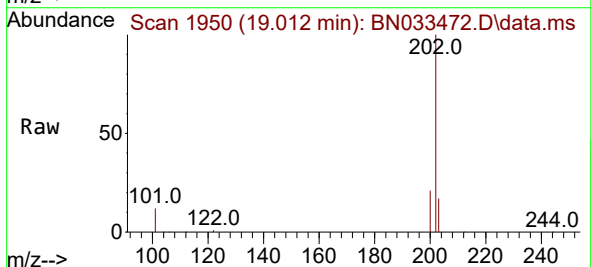
RT: 19.012 min Scan# 1950

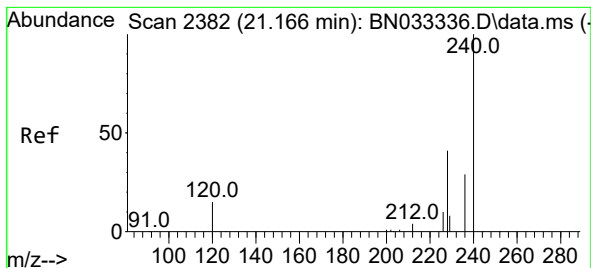
Delta R.T. -0.009 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

Tgt Ion:202	Resp:	600952
Ion Ratio	Lower	Upper
202	100	
101	11.9	9.8 14.6
203	17.3	13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224

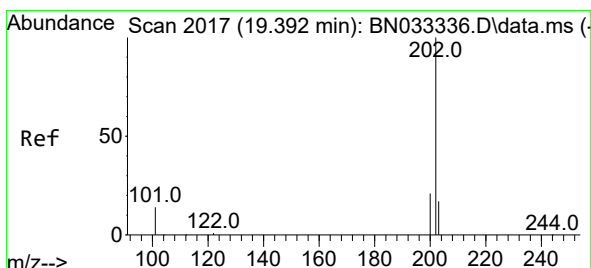
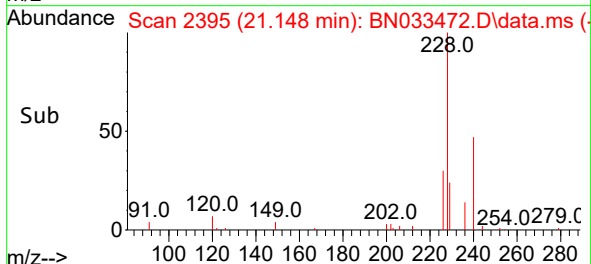
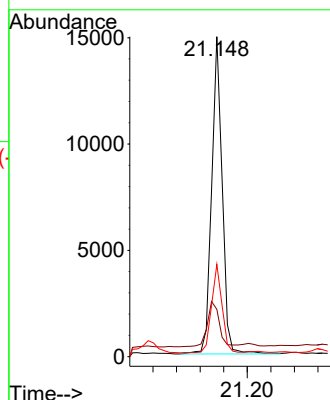
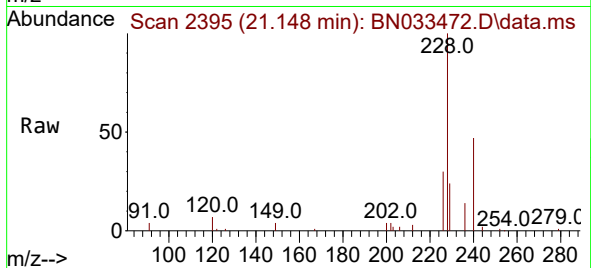
Tgt Ion:240 Resp: 18527

Ion Ratio Lower Upper

240 100

120 14.8 13.0 19.6

236 28.9 23.2 34.8



#30

Pyrene

Concen: 6.503 ng

RT: 19.374 min Scan# 2028

Delta R.T. -0.009 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

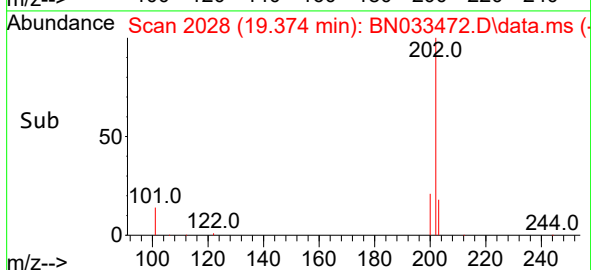
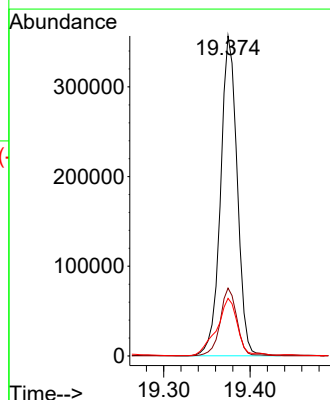
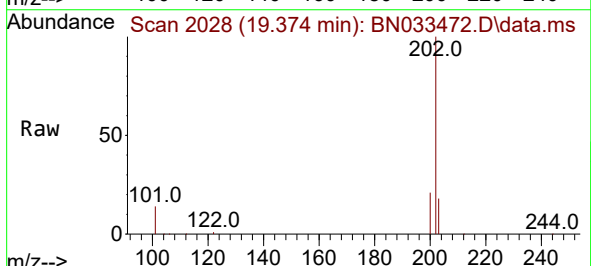
Tgt Ion:202 Resp: 479680

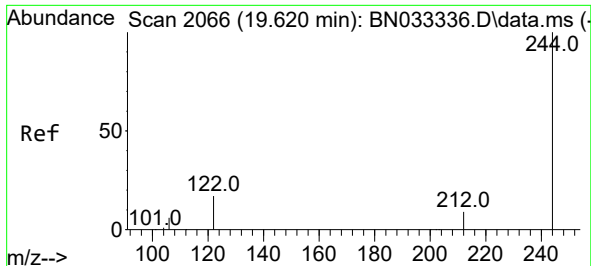
Ion Ratio Lower Upper

202 100

200 21.4 16.7 25.1

203 22.5 14.2 21.4#

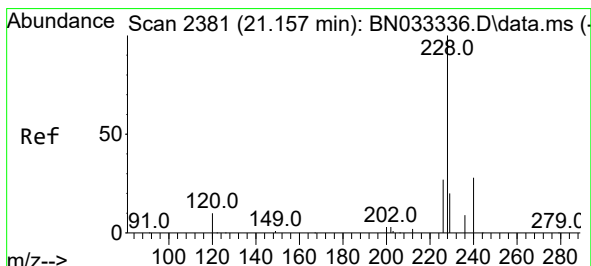
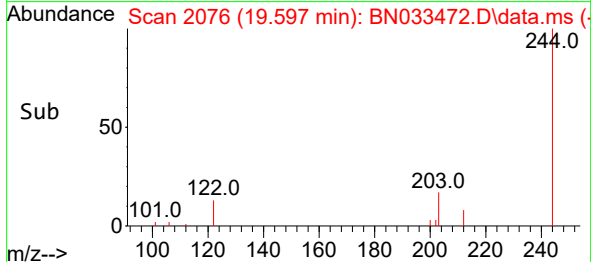
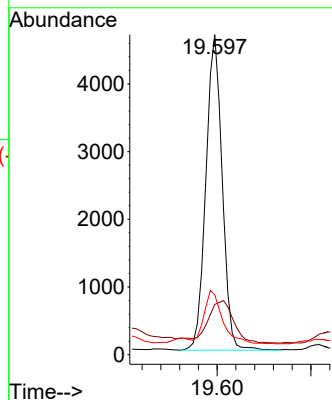
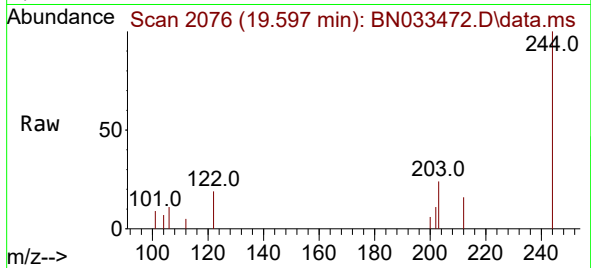




#31
Terphenyl-d14
Concen: 0.161 ng
RT: 19.597 min Scan# 2066
Delta R.T. -0.009 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

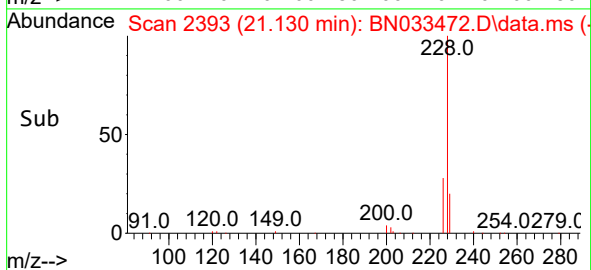
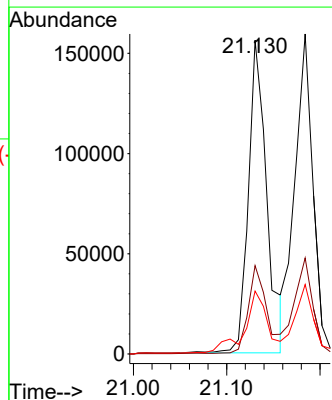
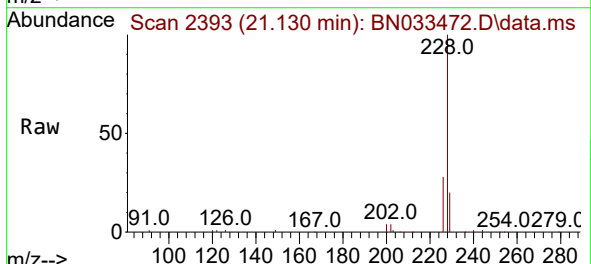
Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224

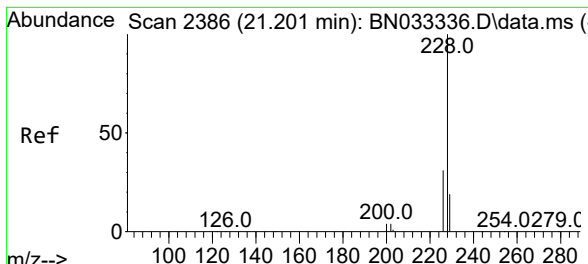
Tgt Ion:244 Resp: 5622
Ion Ratio Lower Upper
244 100
212 15.7 7.7 11.5#
122 18.7 14.0 21.0



#32
Benzo(a)anthracene
Concen: 3.097 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.009 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

Tgt Ion:228 Resp: 214327
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 20.0 15.9 23.9



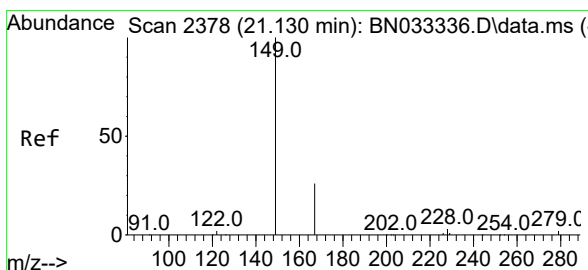
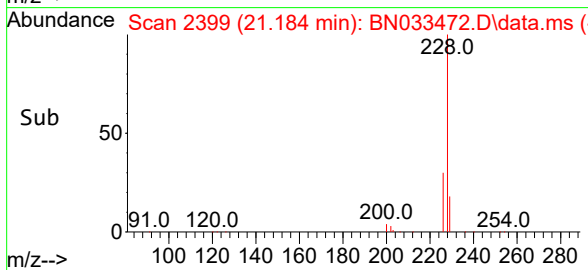
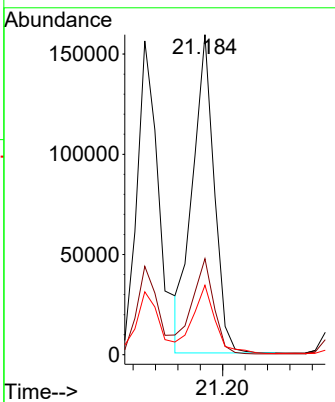
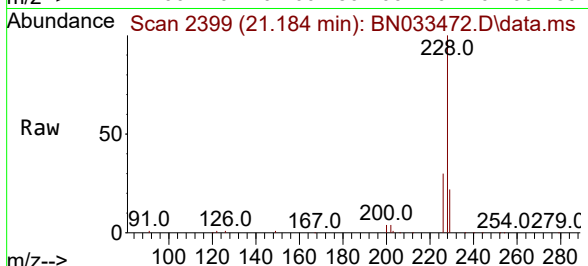


#33
 Chrysene
 Concen: 3.055 ng
 RT: 21.184 min Scan# 21184
 Delta R.T. -0.009 min
 Lab File: BN033472.D
 Acq: 17 Aug 2024 17:33

Instrument : BNA_N
 ClientSampleId : 926-K1-SD-0-0.5-081224

Tgt Ion:228 Resp: 212818

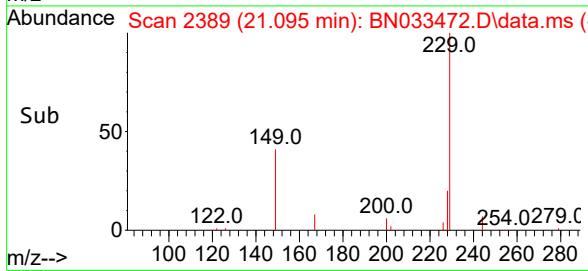
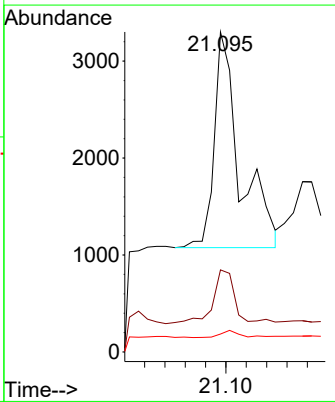
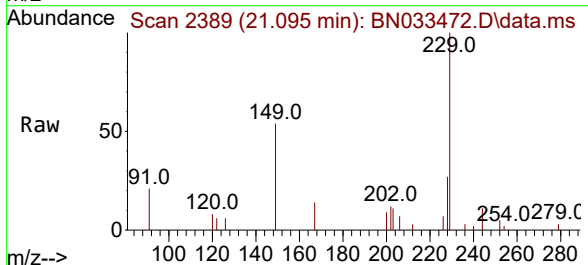
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	21.7	15.4	23.2

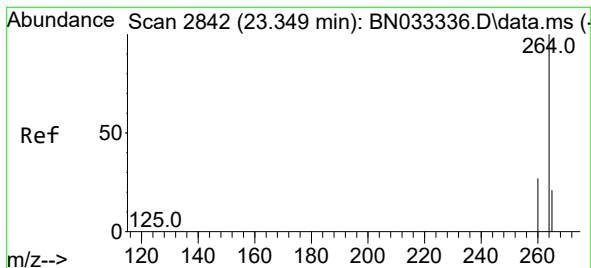


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.123 ng
 RT: 21.095 min Scan# 2389
 Delta R.T. -0.018 min
 Lab File: BN033472.D
 Acq: 17 Aug 2024 17:33

Tgt Ion:149 Resp: 3869

Ion	Ratio	Lower	Upper
149	100		
167	20.7	20.9	31.3#
279	2.7	2.2	3.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.317 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224

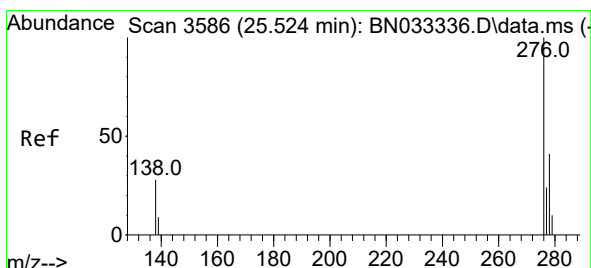
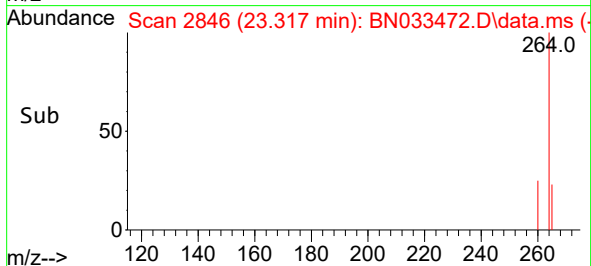
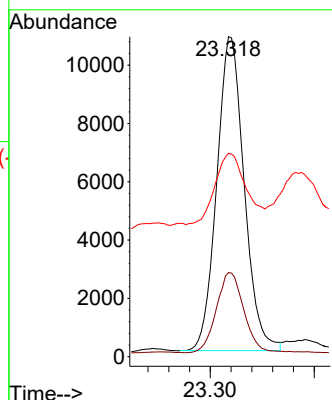
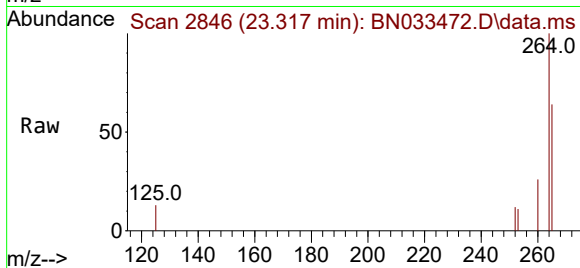
Tgt Ion:264 Resp: 19734

Ion Ratio Lower Upper

264 100

260 26.3 21.6 32.4

265 63.6 29.3 43.9#



#36

Indeno(1,2,3-cd)pyrene

Concen: 1.699 ng

RT: 25.472 min Scan# 3583

Delta R.T. -0.026 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

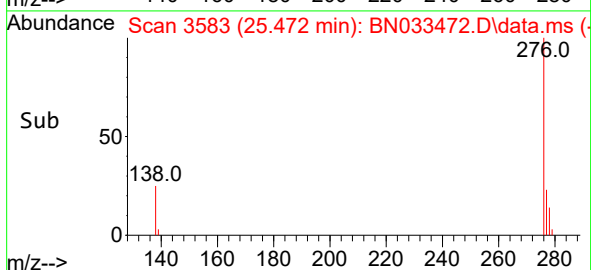
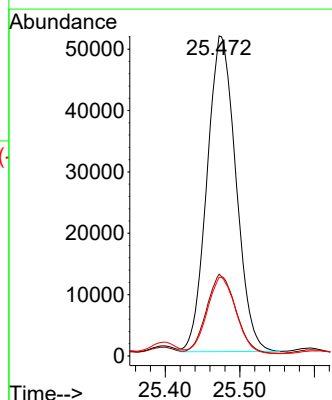
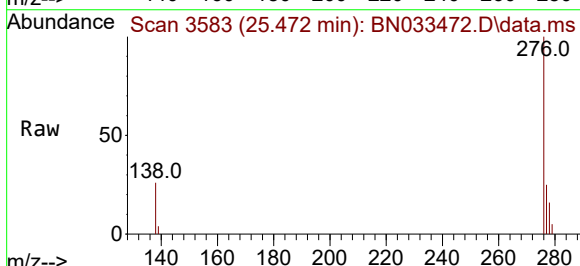
Tgt Ion:276 Resp: 138523

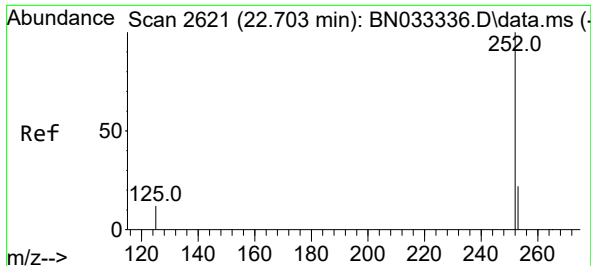
Ion Ratio Lower Upper

276 100

138 25.3 24.9 37.3

277 24.3 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 3.906 ng

RT: 22.677 min Scan# 2627

Delta R.T. -0.009 min

Lab File: BN033472.D

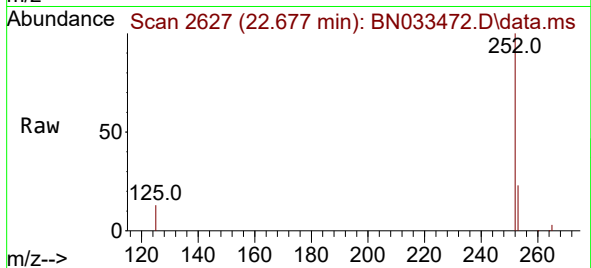
Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224



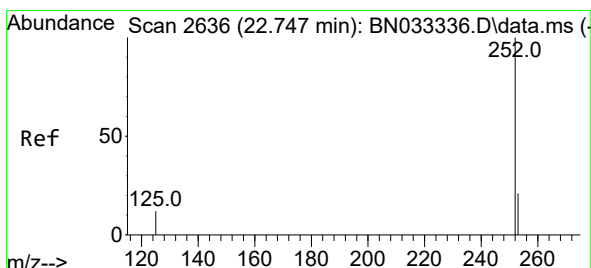
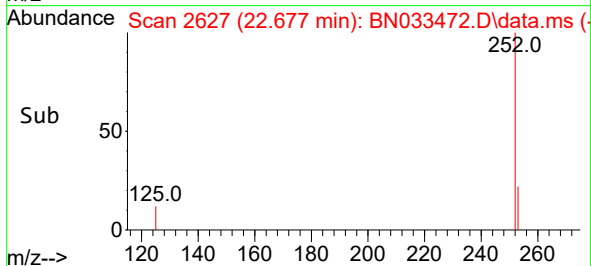
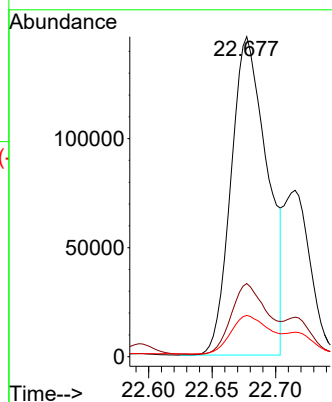
Tgt Ion:252 Resp: 290057

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 12.9 11.3 16.9



#38

Benzo(k)fluoranthene

Concen: 3.826 ng

RT: 22.677 min Scan# 2627

Delta R.T. -0.053 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

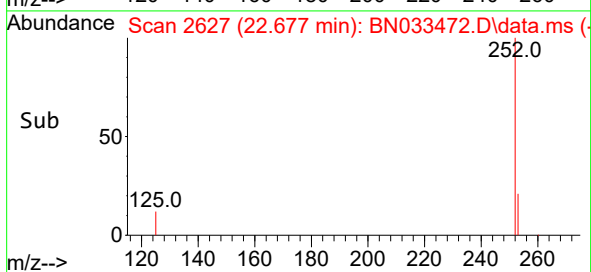
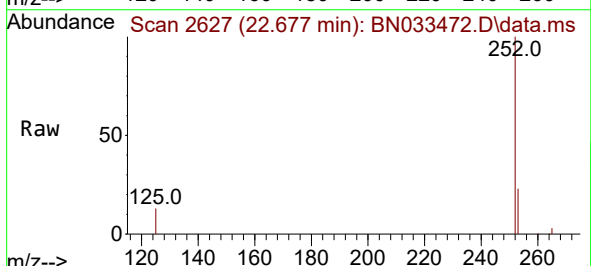
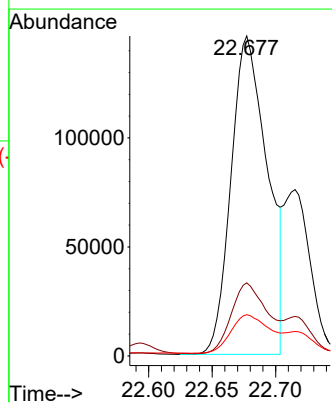
Tgt Ion:252 Resp: 290057

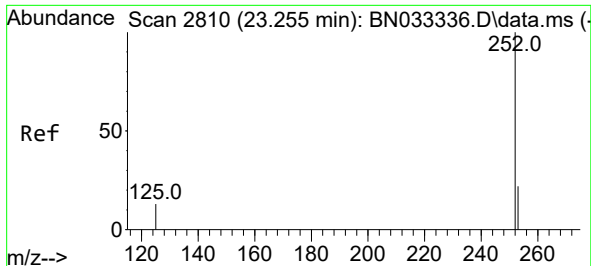
Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 12.9 11.3 16.9





#39

Benzo(a)pyrene

Concen: 3.066 ng

RT: 23.227 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN033472.D

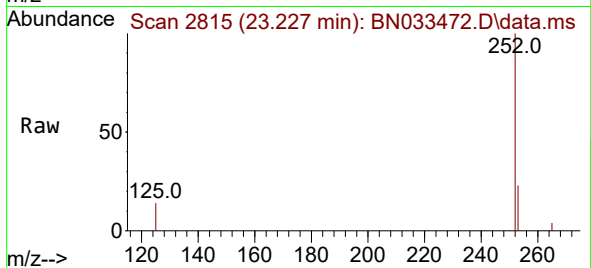
Acq: 17 Aug 2024 17:33

Instrument :

BNA_N

ClientSampleId :

926-K1-SD-0-0.5-081224



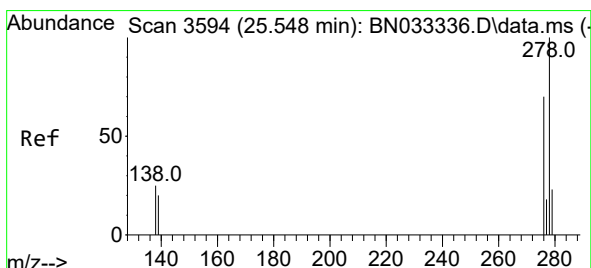
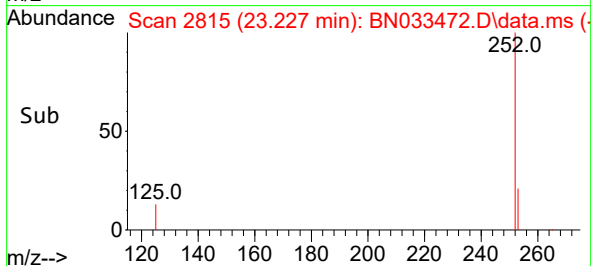
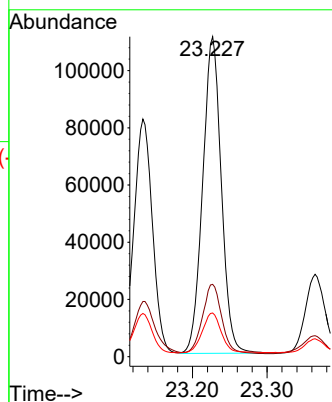
Tgt Ion:252 Resp: 191800

Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

125 13.7 12.6 19.0



#40

Dibenzo(a,h)anthracene

Concen: 0.473 ng

RT: 25.490 min Scan# 3589

Delta R.T. -0.026 min

Lab File: BN033472.D

Acq: 17 Aug 2024 17:33

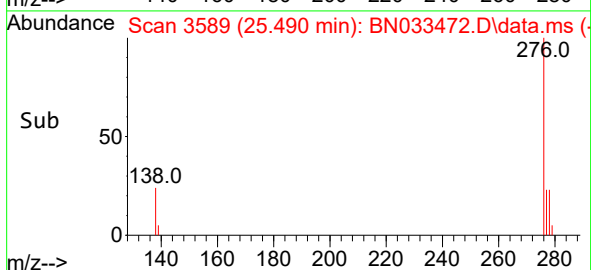
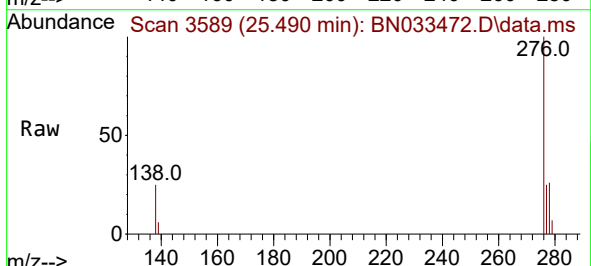
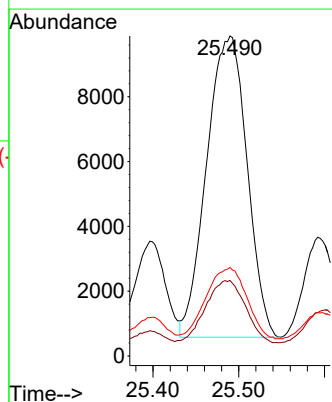
Tgt Ion:278 Resp: 30441

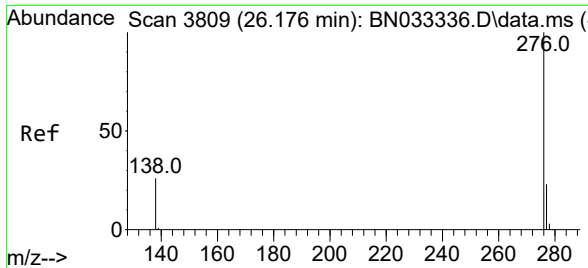
Ion Ratio Lower Upper

278 100

139 23.6 17.0 25.6

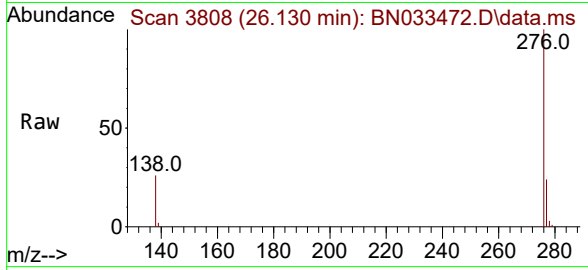
279 27.6 20.0 30.0





#41
Benzo(g,h,i)perylene
Concen: 1.958 ng
RT: 26.130 min Scan# 31
Delta R.T. -0.020 min
Lab File: BN033472.D
Acq: 17 Aug 2024 17:33

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224



Tgt Ion:276 Resp: 139816
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.2
138 26.2 21.6 32.4

