

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033452.D
 Acq On : 17 Aug 2024 04:49
 Operator : MA/JU
 Sample : P3580-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 922-K1-SD-0.5-1-081224

Quant Time: Aug 17 05:20:42 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)

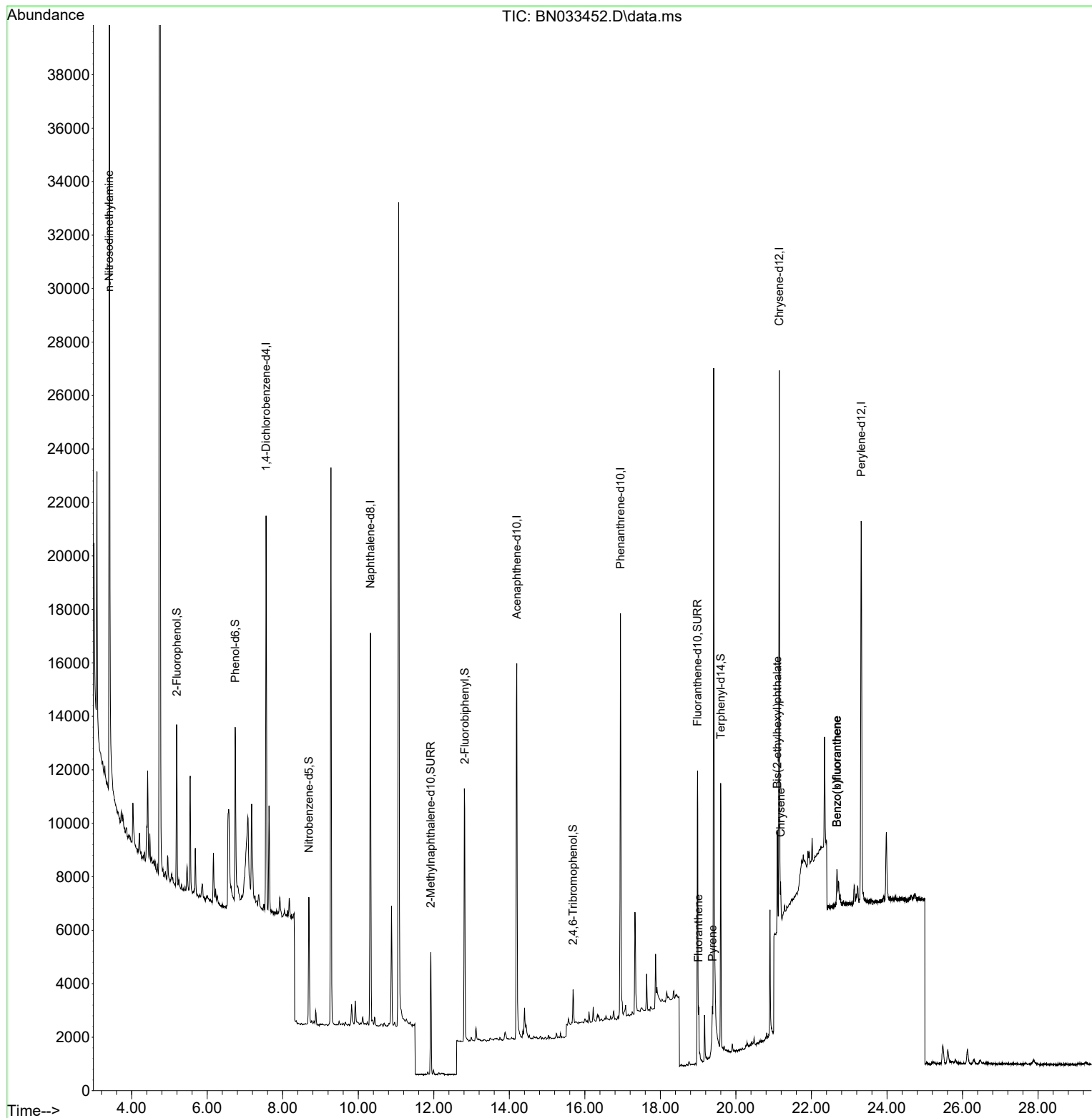
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	6807	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	18545	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	9241	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	19828	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	17229	0.400	ng	0.00
35) Perylene-d12	23.317	264	18291	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	4482	0.238	ng	0.00
5) Phenol-d6	6.743	99	5653	0.223	ng	0.00
8) Nitrobenzene-d5	8.691	82	3602	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	5999	0.210	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	796	0.168	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	8664	0.229	ng	0.00
27) Fluoranthene-d10	18.984	212	11799	0.223	ng	0.00
31) Terphenyl-d14	19.597	244	8665	0.266	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.407	42	6832	0.701	ng	# 1
28) Fluoranthene	19.012	202	1664	0.024	ng	96
30) Pyrene	19.379	202	1499	0.022	ng	# 94
33) Chrysene	21.184	228	1364	0.021	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.095	149	4006	0.137	ng	# 99
37) Benzo(b)fluoranthene	22.677	252	1914	0.028	ng	# 1
38) Benzo(k)fluoranthene	22.677	252	1914	0.027	ng	# 1

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

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922-K1-SD-0.5-1-081224

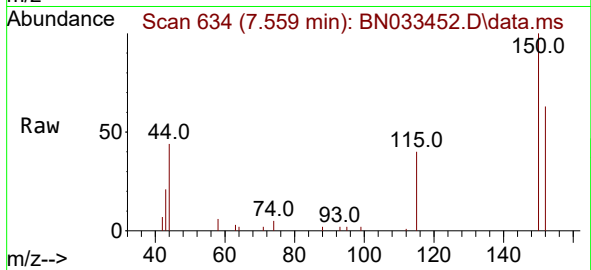
Quant Time: Aug 17 05:20:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



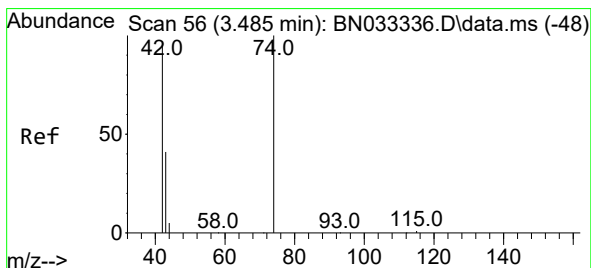
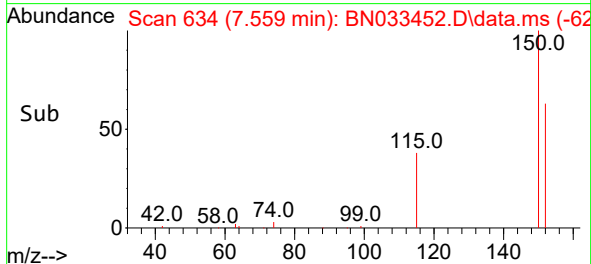
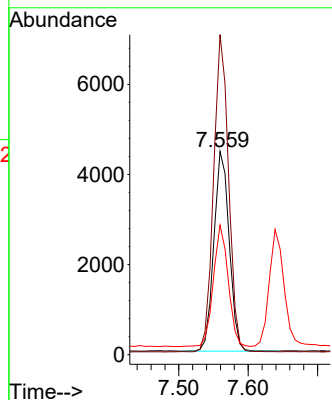


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0.5-1-081224

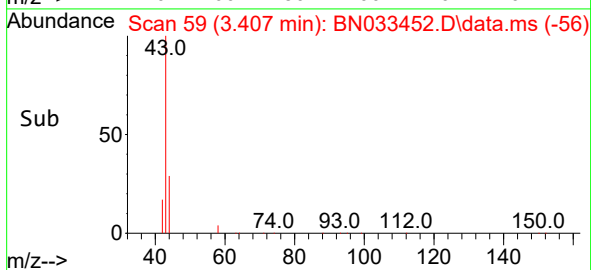
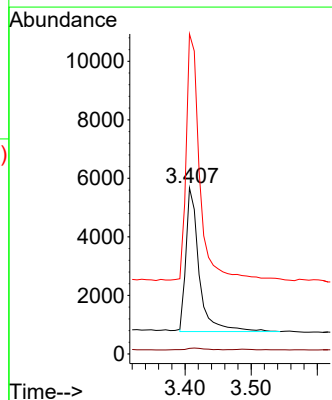
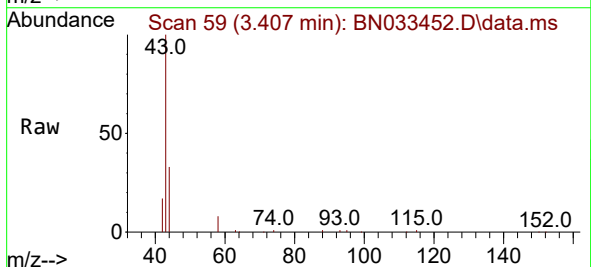


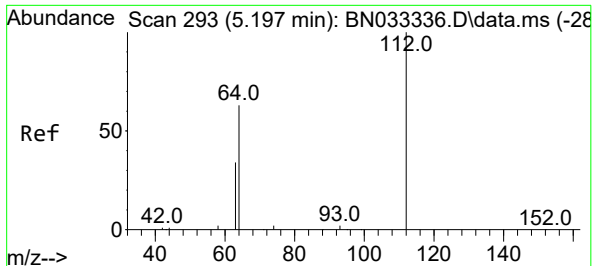
Tgt Ion:152 Resp: 6807
Ion Ratio Lower Upper
152 100
150 157.5 122.3 183.5
115 63.8 48.8 73.2



#3
n-Nitrosodimethylamine
Concen: 0.701 ng
RT: 3.407 min Scan# 59
Delta R.T. -0.079 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

Tgt Ion: 42 Resp: 6832
Ion Ratio Lower Upper
42 100
74 1.4 89.0 133.6#
44 173.4 11.0 16.4#

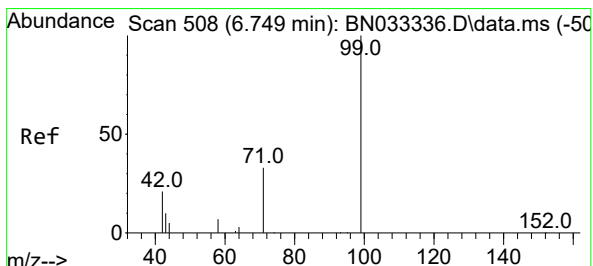
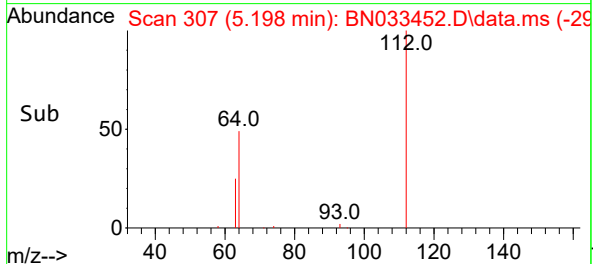
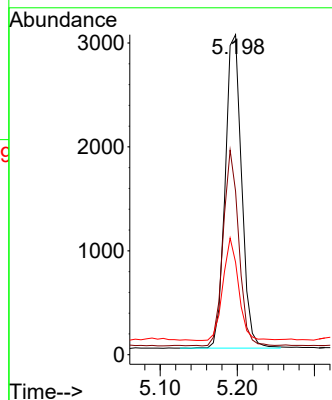
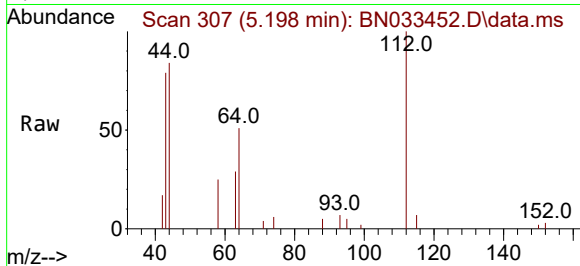




#4
2-Fluorophenol
Concen: 0.238 ng
RT: 5.198 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

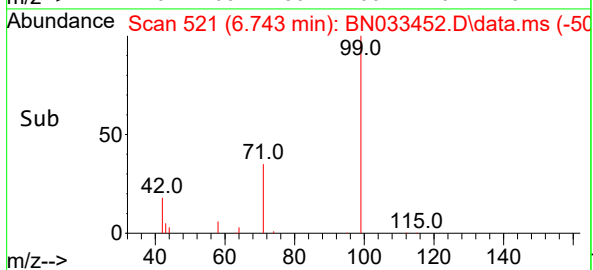
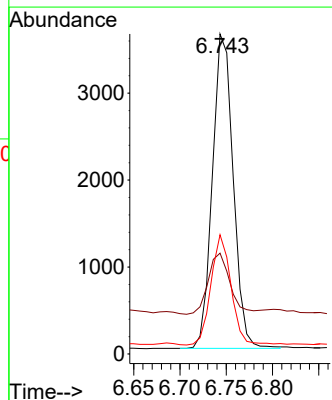
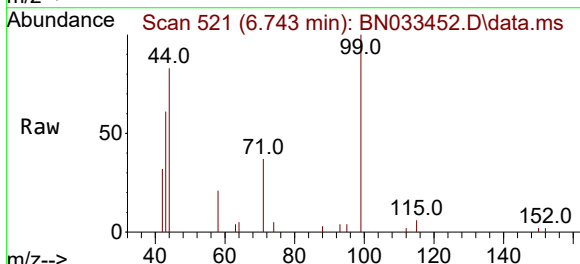
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0.5-1-081224

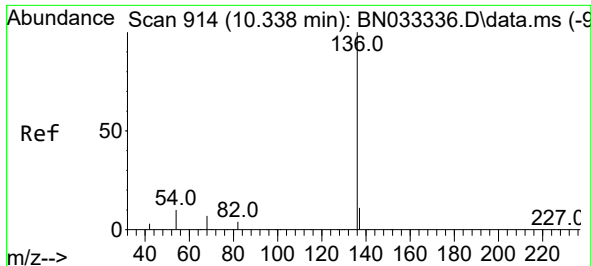
Tgt Ion:112 Resp: 4482
Ion Ratio Lower Upper
112 100
64 59.2 48.1 72.1
63 31.1 25.4 38.2



#5
Phenol-d6
Concen: 0.223 ng
RT: 6.743 min Scan# 521
Delta R.T. -0.007 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

Tgt Ion: 99 Resp: 5653
Ion Ratio Lower Upper
99 100
42 20.4 18.5 27.7
71 33.8 26.2 39.2

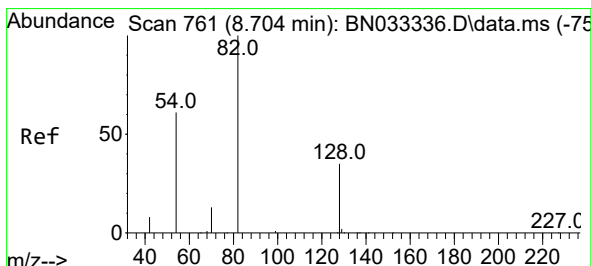
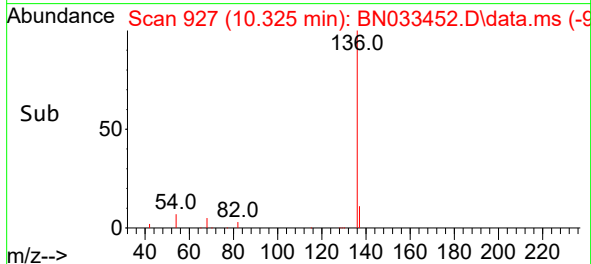
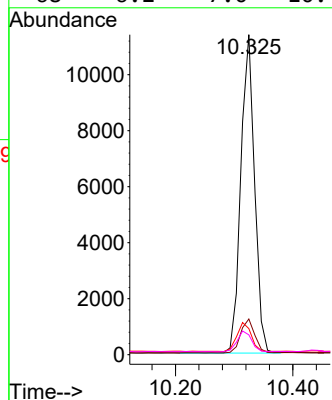
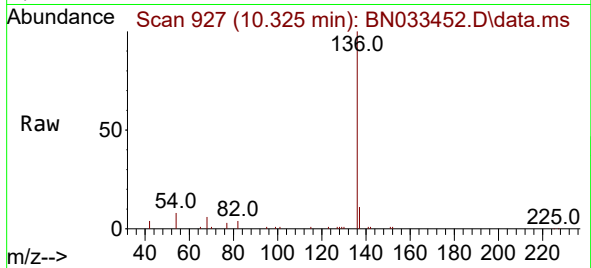




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

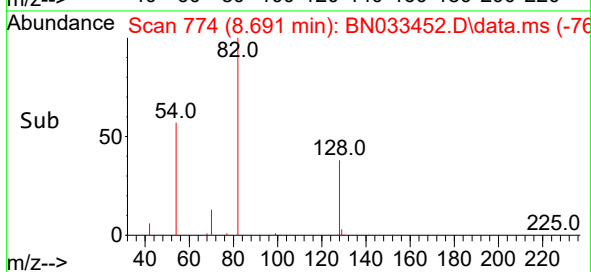
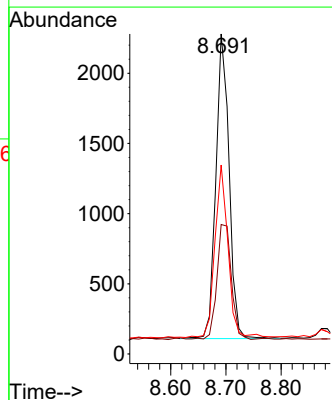
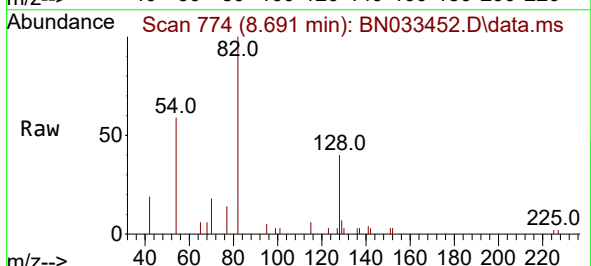
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0.5-1-081224

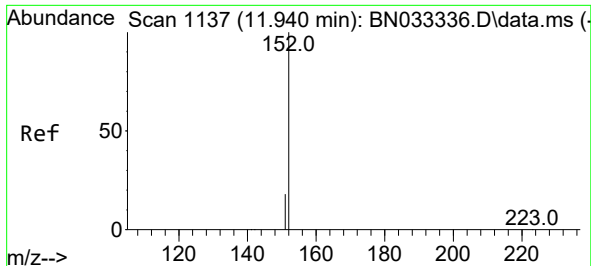
Tgt Ion:136 Resp: 18545
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.1 9.4 14.0#
68 6.2 7.0 10.4#



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.011 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

Tgt Ion: 82 Resp: 3602
Ion Ratio Lower Upper
82 100
128 40.5 29.0 43.4
54 59.1 50.2 75.4





#11

2-Methylnaphthalene-d10

Concen: 0.210 ng

RT: 11.922 min Scan# 1147

Delta R.T. -0.008 min

Lab File: BN033452.D

Acq: 17 Aug 2024 04:49

Instrument :

BNA_N

ClientSampleId :

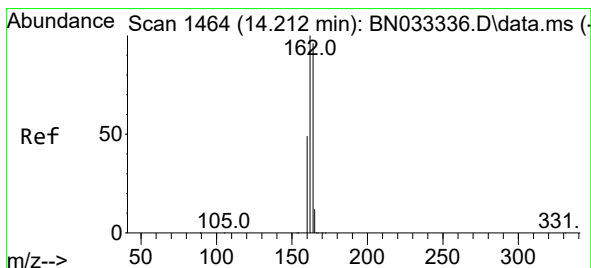
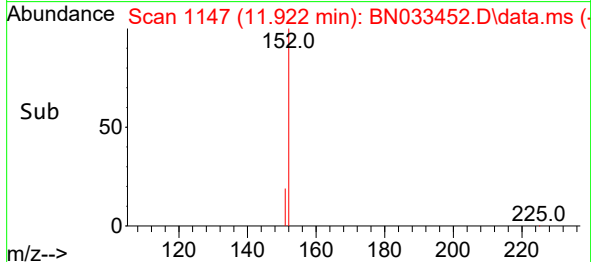
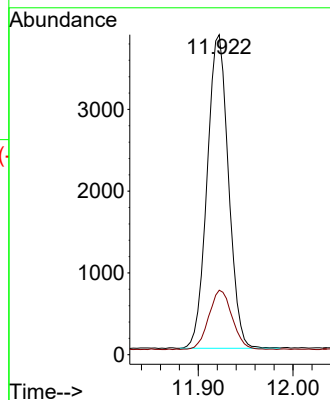
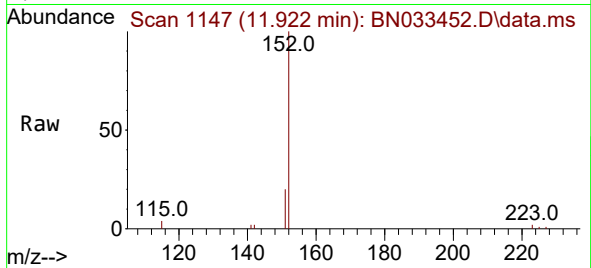
922-K1-SD-0.5-1-081224

Tgt Ion:152 Resp: 5999

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.199 min Scan# 1477

Delta R.T. -0.000 min

Lab File: BN033452.D

Acq: 17 Aug 2024 04:49

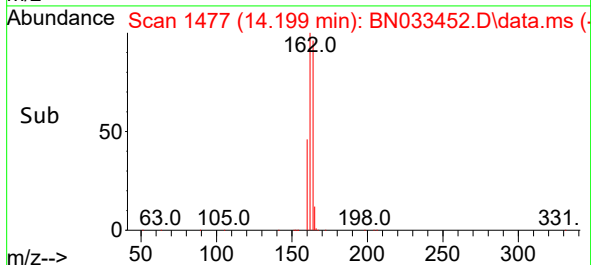
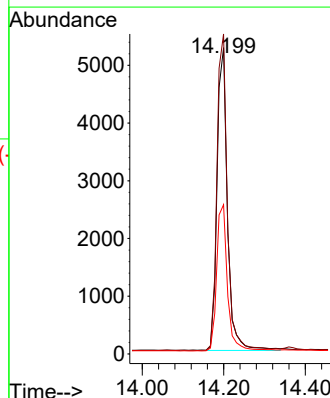
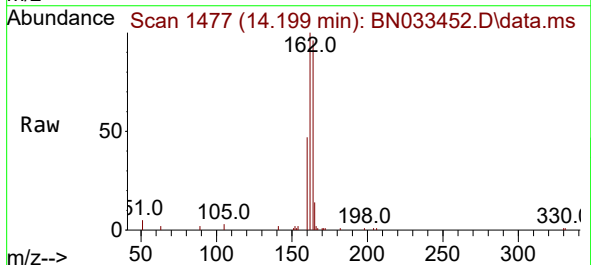
Tgt Ion:164 Resp: 9241

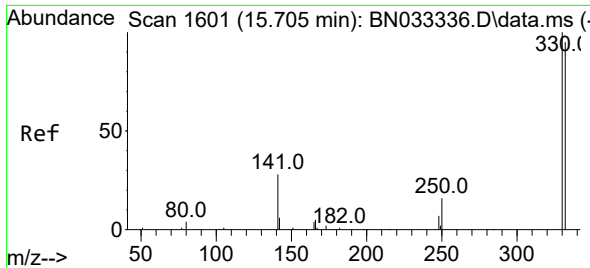
Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

160 48.8 41.1 61.7

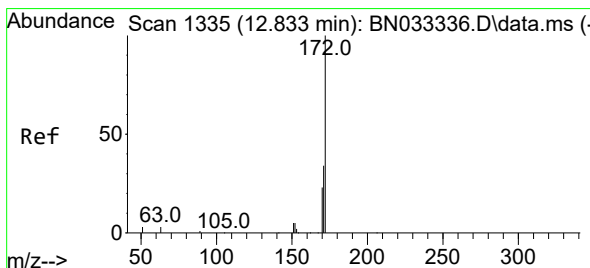
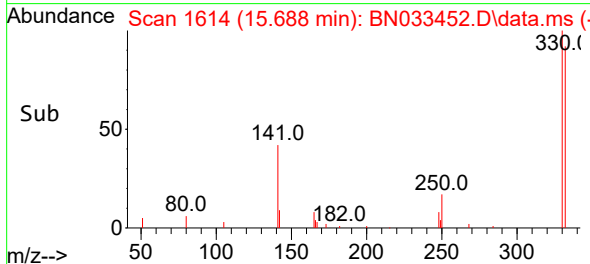
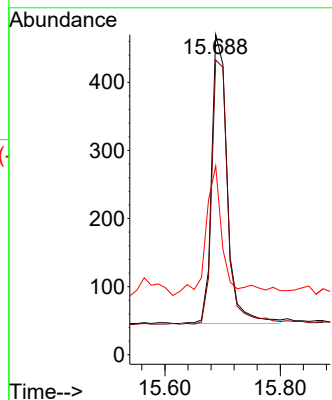
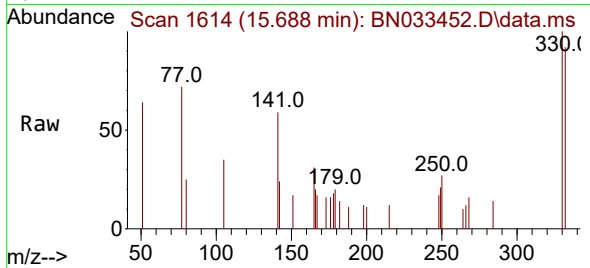




#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

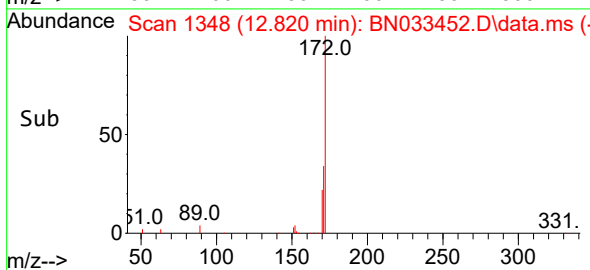
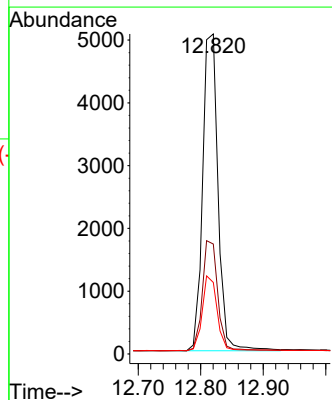
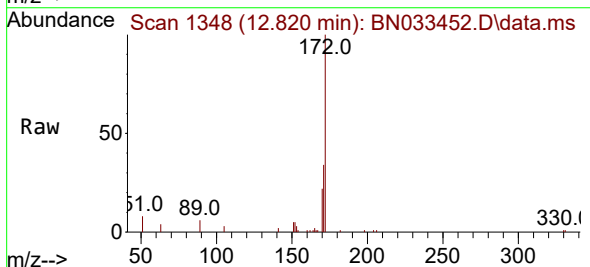
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0.5-1-081224

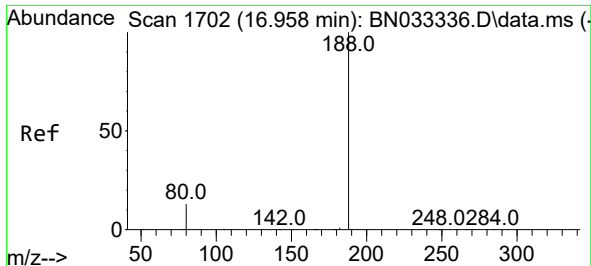
Tgt Ion:330 Resp: 796
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 40.8 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 12.820 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

Tgt Ion:172 Resp: 8664
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.4 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN033452.D

Acq: 17 Aug 2024 04:49

Instrument :

BNA_N

ClientSampleId :

922-K1-SD-0.5-1-081224

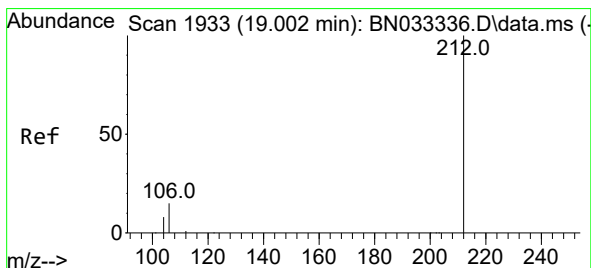
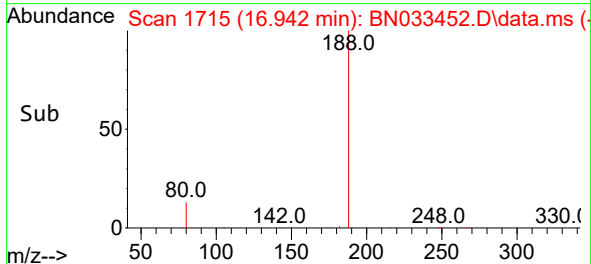
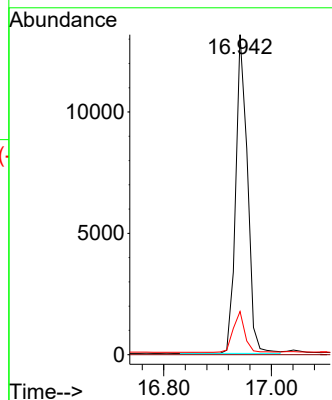
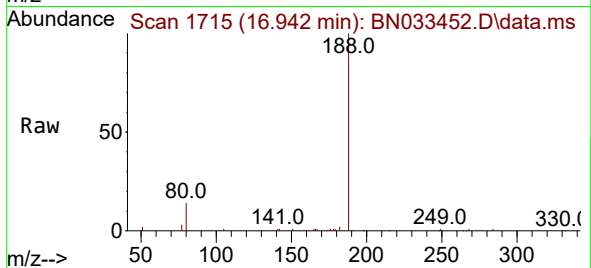
Tgt Ion:188 Resp: 19828

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 10.7 16.1



#27

Fluoranthene-d10

Concen: 0.223 ng

RT: 18.984 min Scan# 1944

Delta R.T. -0.009 min

Lab File: BN033452.D

Acq: 17 Aug 2024 04:49

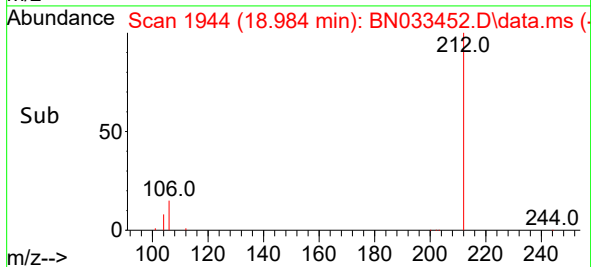
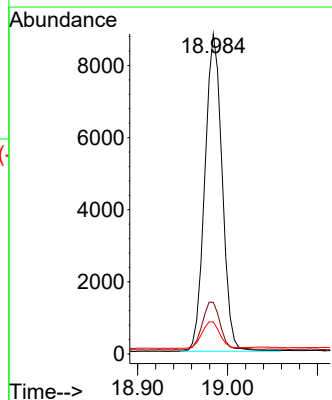
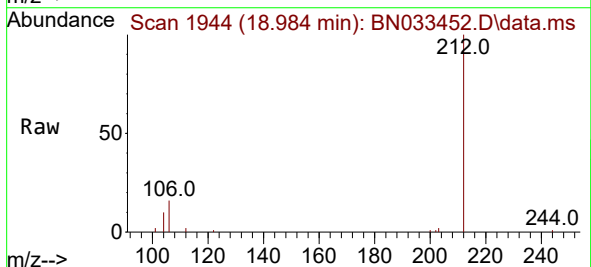
Tgt Ion:212 Resp: 11799

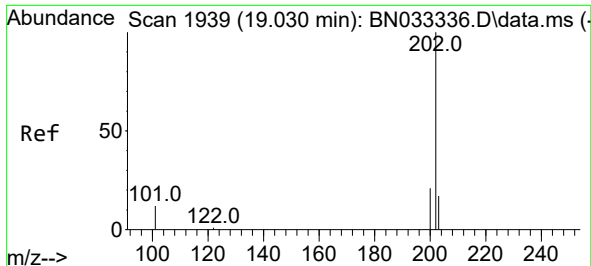
Ion Ratio Lower Upper

212 100

106 16.0 12.8 19.2

104 8.8 7.1 10.7

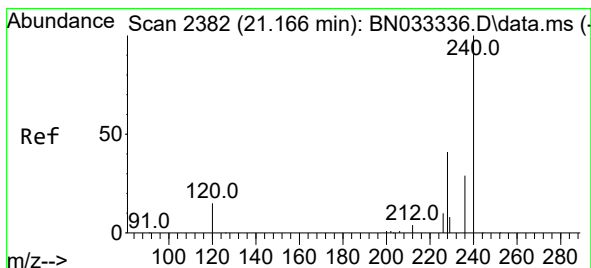
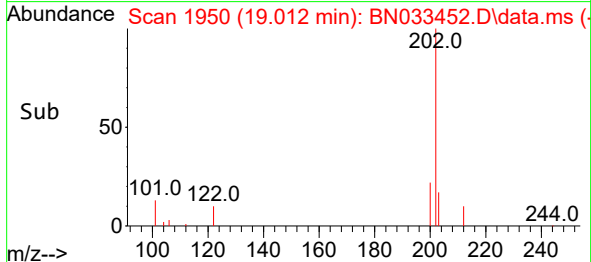
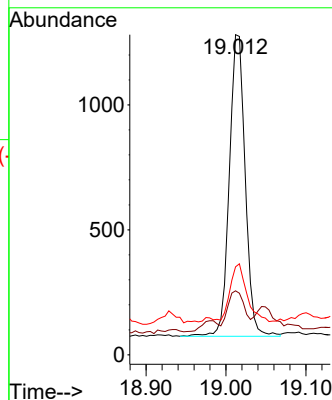
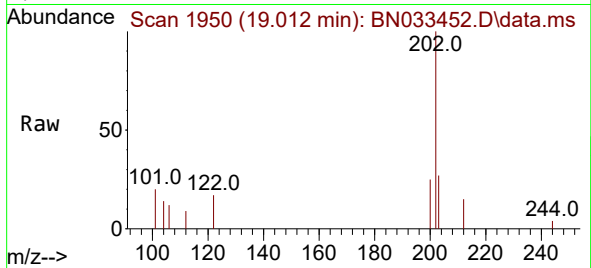




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

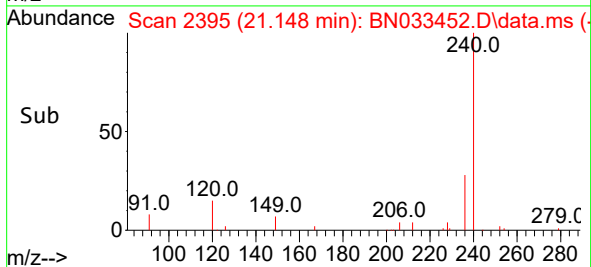
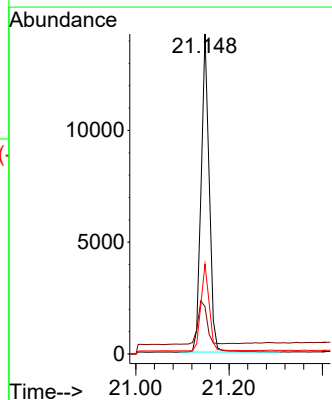
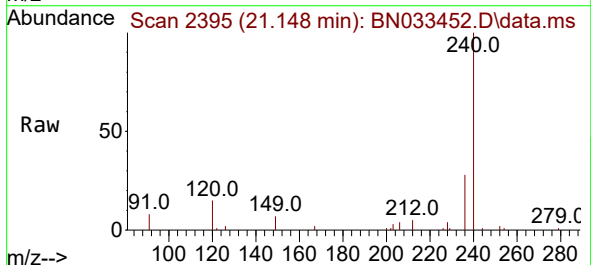
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0.5-1-081224

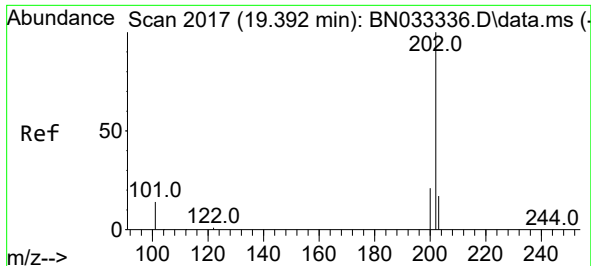
Tgt Ion:202 Resp: 1664
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
203 19.7 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

Tgt Ion:240 Resp: 17229
Ion Ratio Lower Upper
240 100
120 14.7 13.0 19.6
236 28.1 23.2 34.8

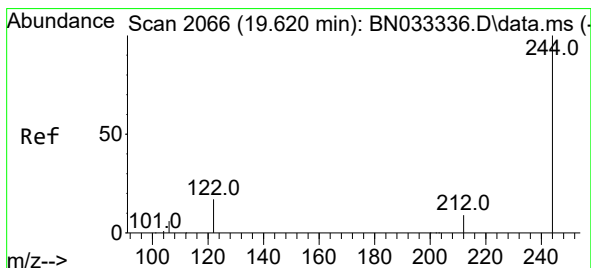
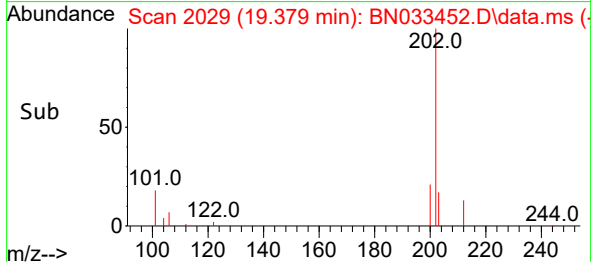
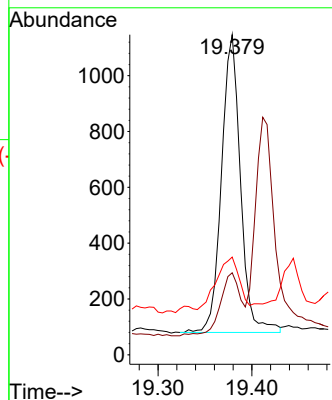
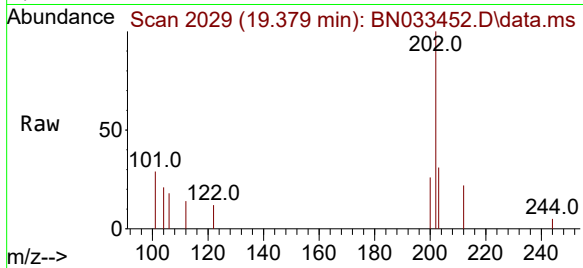




#30
 Pyrene
 Concen: 0.022 ng
 RT: 19.379 min Scan# 2017
 Delta R.T. -0.005 min
 Lab File: BN033452.D
 Acq: 17 Aug 2024 04:49

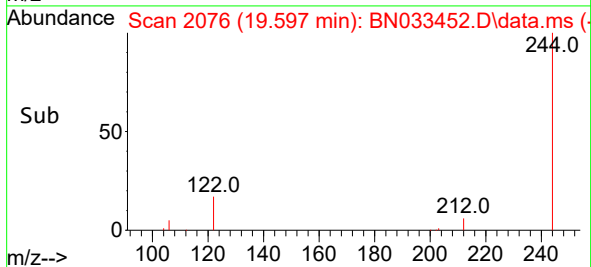
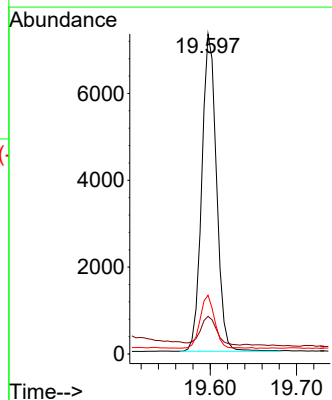
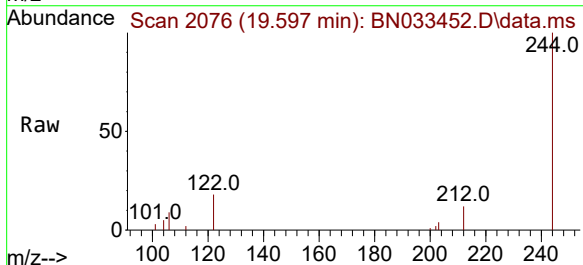
Instrument :
 BNA_N
 ClientSampleId :
 922-K1-SD-0.5-1-081224

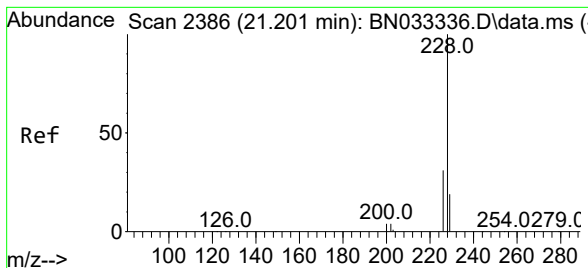
Tgt Ion:202 Resp: 1499
 Ion Ratio Lower Upper
 202 100
 200 23.0 16.7 25.1
 203 21.7 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.266 ng
 RT: 19.597 min Scan# 2076
 Delta R.T. -0.009 min
 Lab File: BN033452.D
 Acq: 17 Aug 2024 04:49

Tgt Ion:244 Resp: 8665
 Ion Ratio Lower Upper
 244 100
 212 11.8 7.7 11.5#
 122 18.3 14.0 21.0





#33

Chrysene

Concen: 0.021 ng

RT: 21.184 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033452.D

Acq: 17 Aug 2024 04:49

Instrument :

BNA_N

ClientSampleId :

922-K1-SD-0.5-1-081224

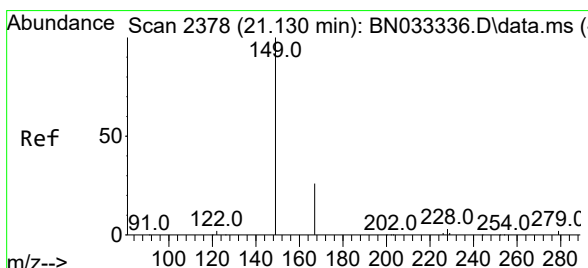
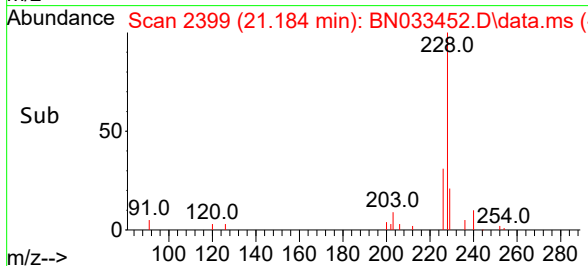
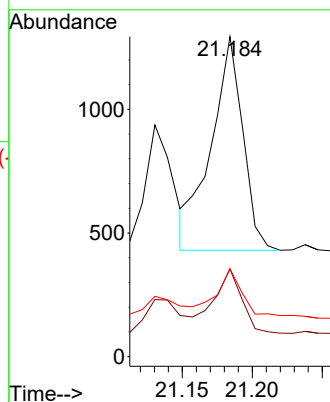
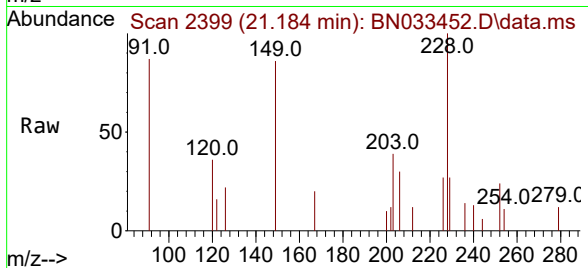
Tgt Ion:228 Resp: 1364

Ion Ratio Lower Upper

228 100

226 27.4 24.7 37.1

229 27.4 15.4 23.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.095 min Scan# 2389

Delta R.T. -0.018 min

Lab File: BN033452.D

Acq: 17 Aug 2024 04:49

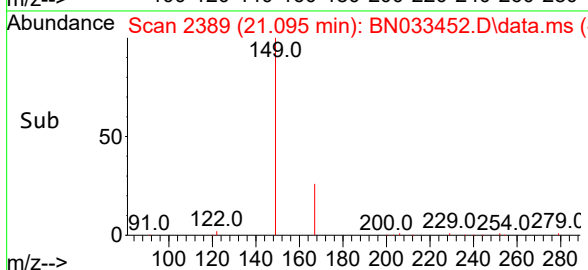
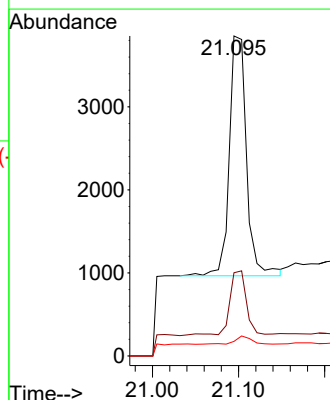
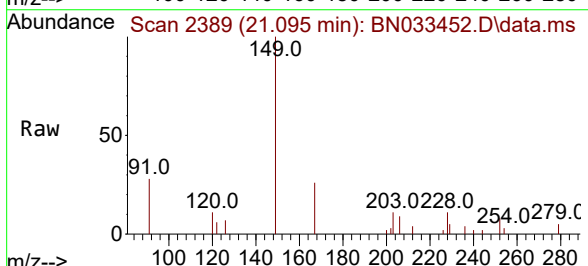
Tgt Ion:149 Resp: 4006

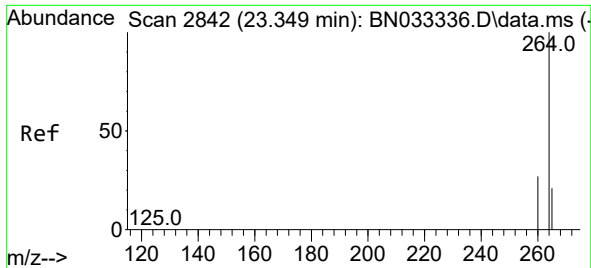
Ion Ratio Lower Upper

149 100

167 26.7 20.9 31.3

279 3.4 2.2 3.4#

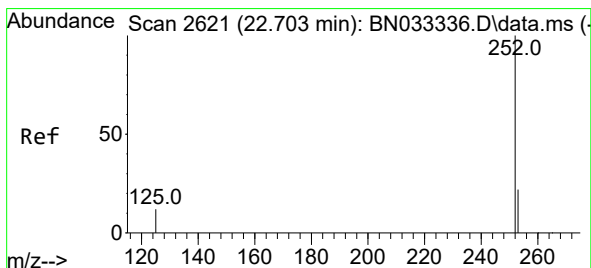
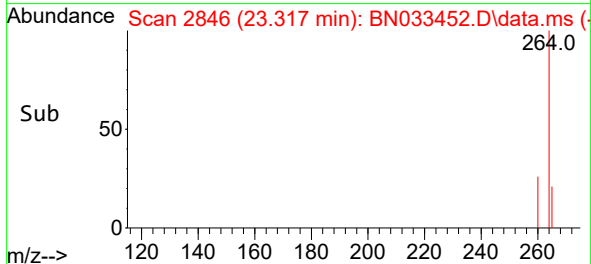
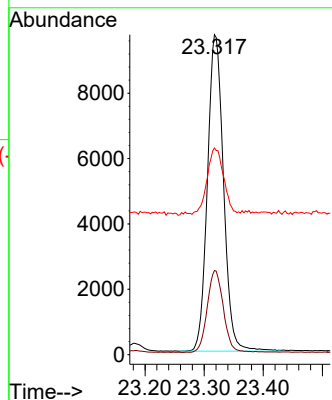
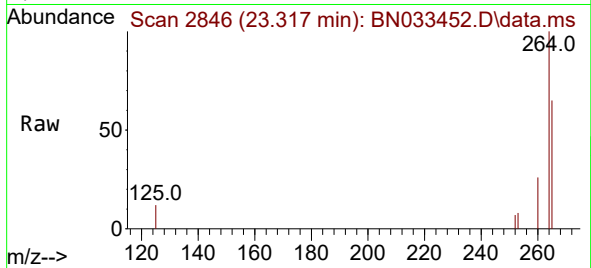




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.317 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

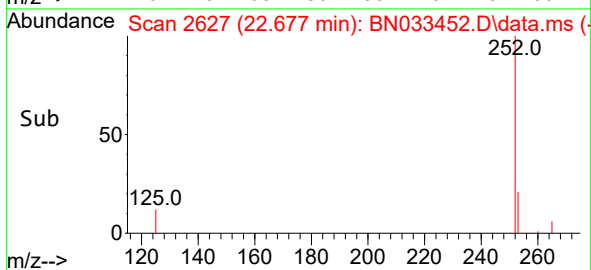
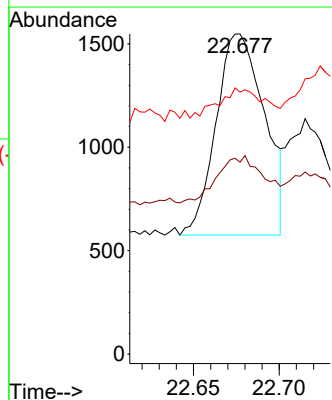
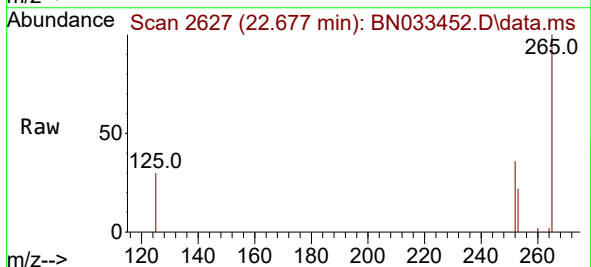
Instrument :
BNA_N
ClientSampleId :
922-K1-SD-0.5-1-081224

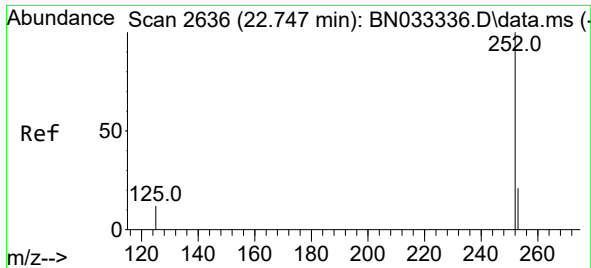
Tgt Ion:264 Resp: 18291
Ion Ratio Lower Upper
264 100
260 26.3 21.6 32.4
265 64.6 29.3 43.9#



#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN033452.D
Acq: 17 Aug 2024 04:49

Tgt Ion:252 Resp: 1914
Ion Ratio Lower Upper
252 100
253 59.9 18.2 27.2#
125 81.8 11.3 16.9#





#38

Benzo(k)fluoranthene

Concen: 0.027 ng

RT: 22.677 min Scan# 20

Delta R.T. -0.053 min

Lab File: BN033452.D

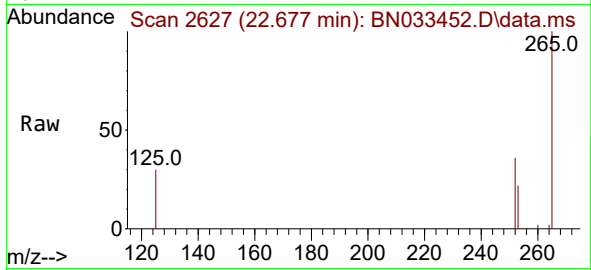
Acq: 17 Aug 2024 04:49

Instrument :

BNA_N

ClientSampleId :

922-K1-SD-0.5-1-081224



Tgt Ion:252 Resp: 1914

Ion Ratio Lower Upper

252 100

253 59.9 17.9 26.9#

125 81.8 11.3 16.9#

