

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033500.D
 Acq On : 20 Aug 2024 11:35
 Operator : MA/JU
 Sample : P3651-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 20 12:19:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

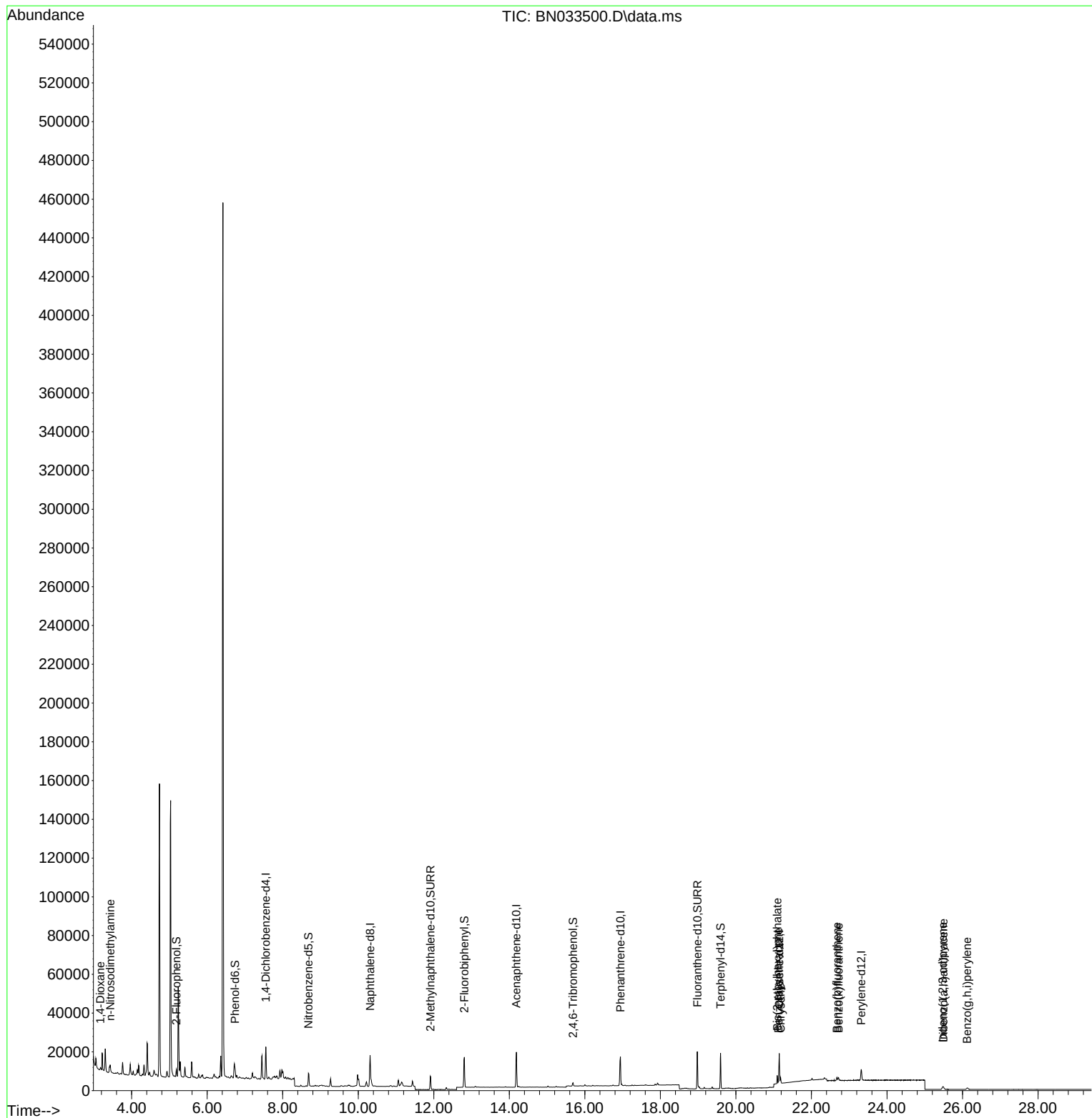
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7417	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19845	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	10125	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	21657	0.400	ng	0.00
29) Chrysene-d12	21.148	240	12812	0.400	ng	0.00
35) Perylene-d12	23.320	264	7238	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2837	0.120	ng	0.00
5) Phenol-d6	6.736	99	2532	0.090	ng	0.00
8) Nitrobenzene-d5	8.681	82	5033	0.306	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	8990	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1049	0.193	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	13951	0.337	ng	0.00
27) Fluoranthene-d10	18.979	212	20141	0.387	ng	0.00
31) Terphenyl-d14	19.593	244	16479	0.566	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	186	0.022	ng	# 1
3) n-Nitrosodimethylamine	3.435	42	1437	0.145	ng	# 1
32) Benzo(a)anthracene	21.130	228	1411	0.030	ng	# 91
33) Chrysene	21.184	228	2167	0.047	ng	93
34) Bis(2-ethylhexyl)phtha...	21.094	149	4185	0.143	ng	94
36) Indeno(1,2,3-cd)pyrene	25.478	276	1751	0.058	ng	99
37) Benzo(b)fluoranthene	22.677	252	2016	0.075	ng	# 36
38) Benzo(k)fluoranthene	22.718	252	1933	0.073	ng	# 34
40) Dibenzo(a,h)anthracene	25.493	278	1381	0.057	ng	# 52
41) Benzo(g,h,i)perylene	26.124	276	1512	0.059	ng	# 71

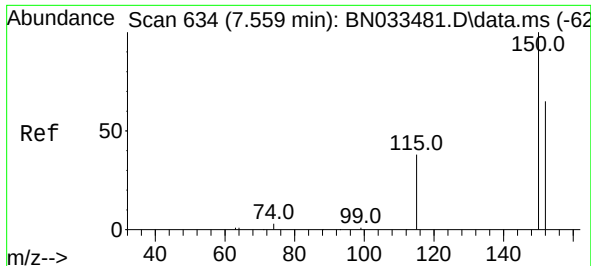
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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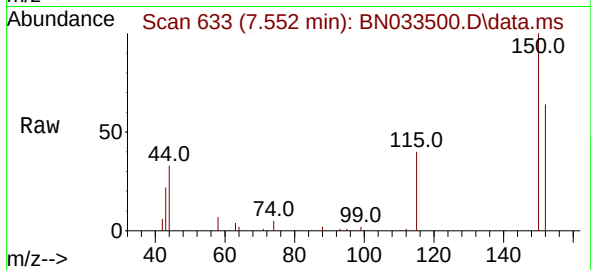
Quant Time: Aug 20 12:19:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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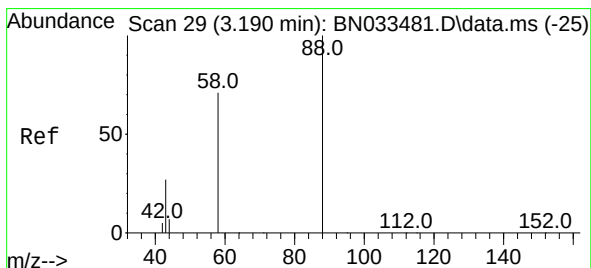
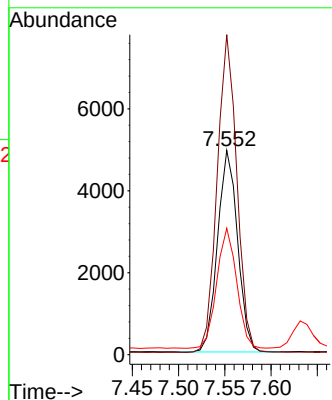
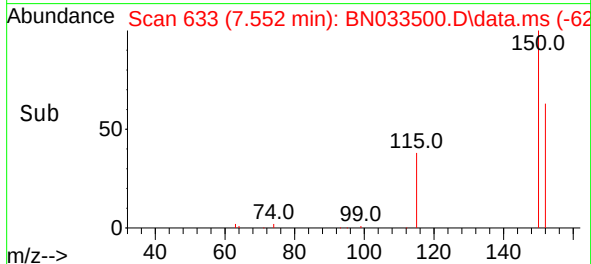


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033500.D
 Acq: 20 Aug 2024 11:35

Instrument :
 BNA_N
 ClientSampleId :

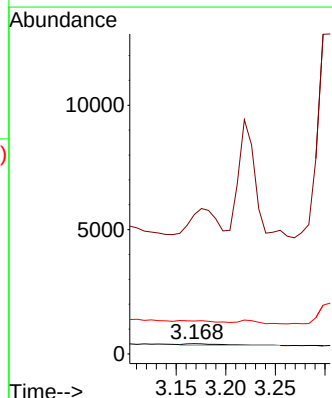
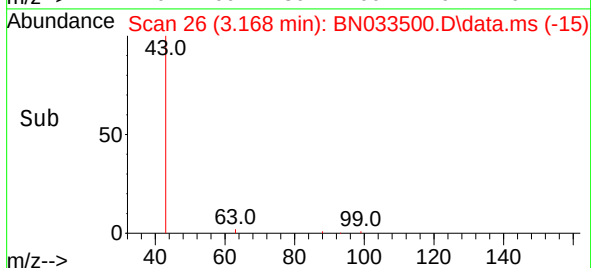
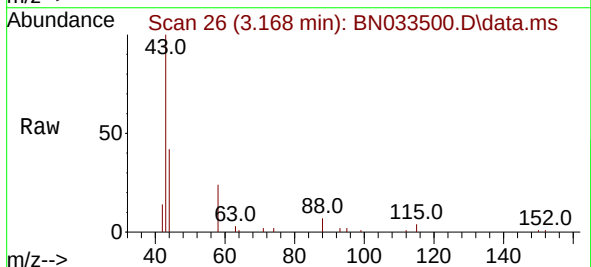


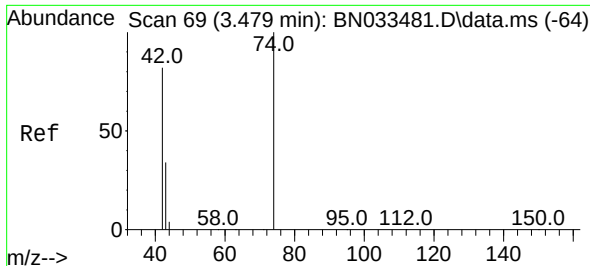
Tgt Ion:152 Resp: 7417
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.2 183.2
 115 61.9 47.2 70.8



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.168 min Scan# 26
 Delta R.T. -0.022 min
 Lab File: BN033500.D
 Acq: 20 Aug 2024 11:35

Tgt Ion: 88 Resp: 186
 Ion Ratio Lower Upper
 88 100
 43 945.2 25.0 37.4#
 58 0.0 62.5 93.7#

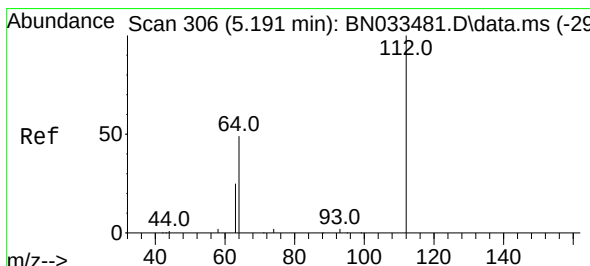
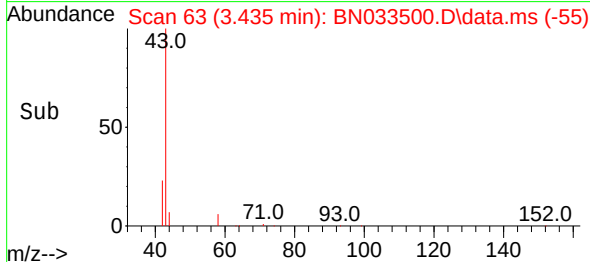
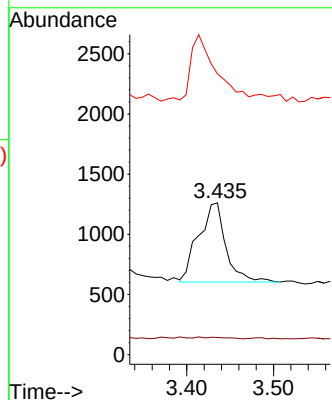
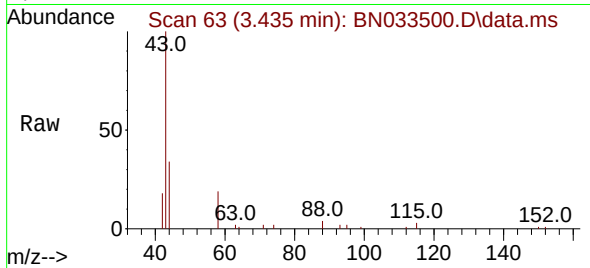




#3
n-Nitrosodimethylamine
Concen: 0.145 ng
RT: 3.435 min Scan# 61
Delta R.T. -0.043 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

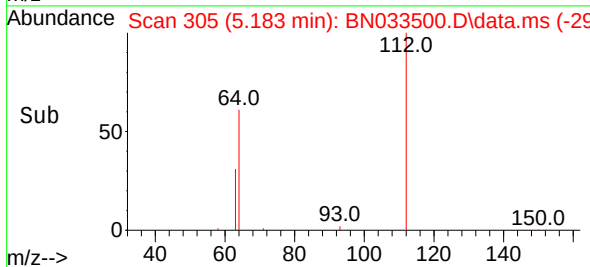
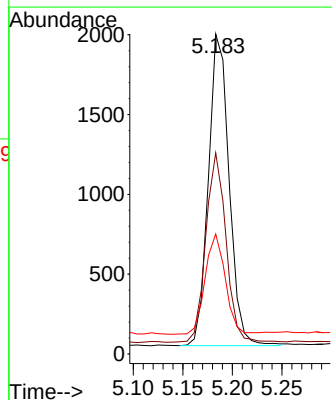
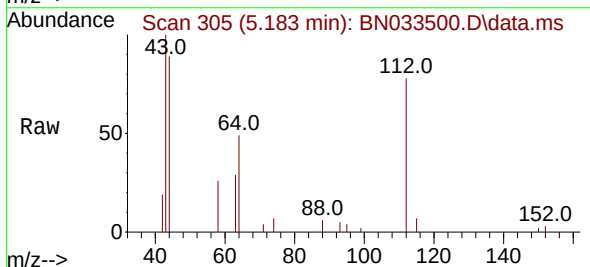
Instrument :
BNA_N
ClientSampleId :

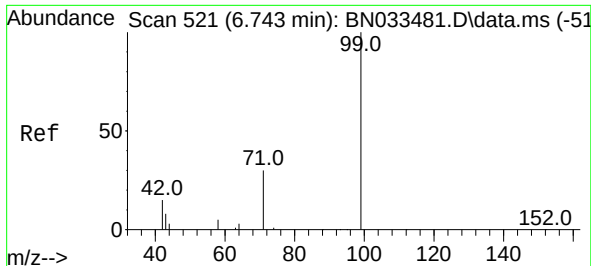
Tgt Ion: 42 Resp: 1437
Ion Ratio Lower Upper
42 100
74 0.0 100.2 150.2#
44 0.0 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Tgt Ion: 112 Resp: 2837
Ion Ratio Lower Upper
112 100
64 59.3 47.1 70.7
63 31.4 24.9 37.3

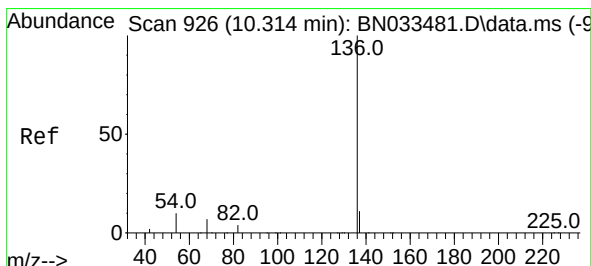
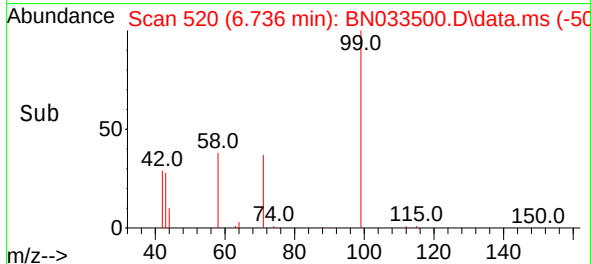
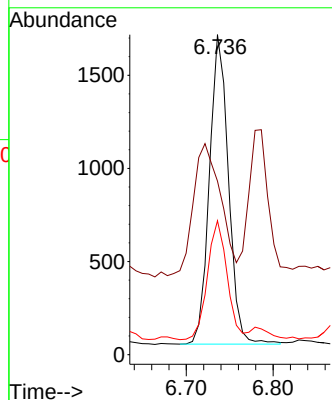
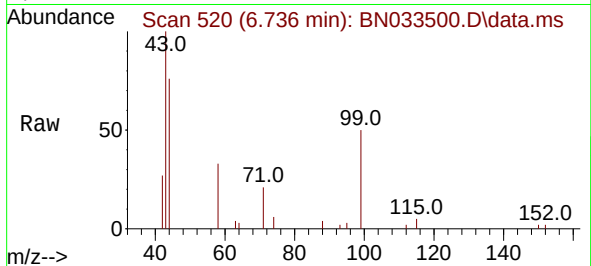




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

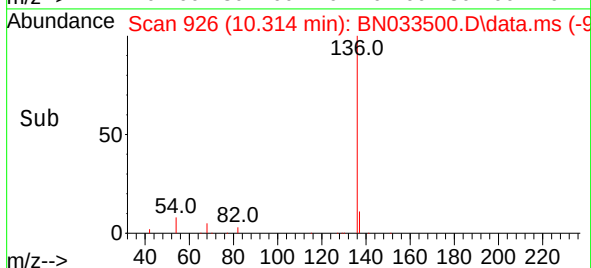
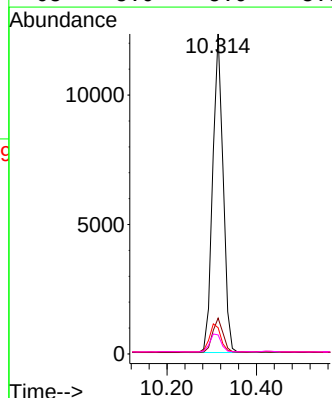
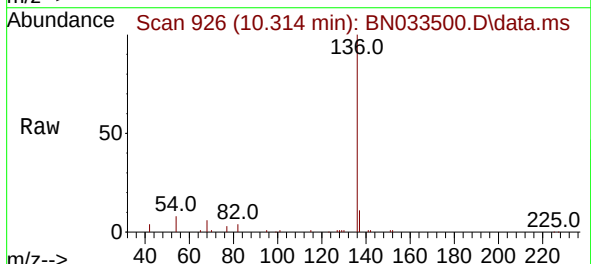
Instrument :
BNA_N
ClientSampleId :

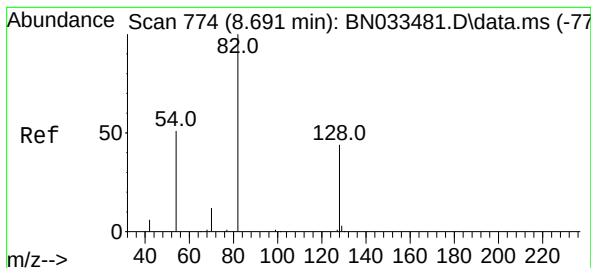
Tgt Ion: 99 Resp: 2532
Ion Ratio Lower Upper
99 100
42 63.2 16.6 24.8#
71 39.8 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Tgt Ion: 136 Resp: 19845
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.2 8.3 12.5#
68 5.9 5.9 8.9





#8

Nitrobenzene-d5

Concen: 0.306 ng

RT: 8.681 min Scan# 71

Delta R.T. -0.011 min

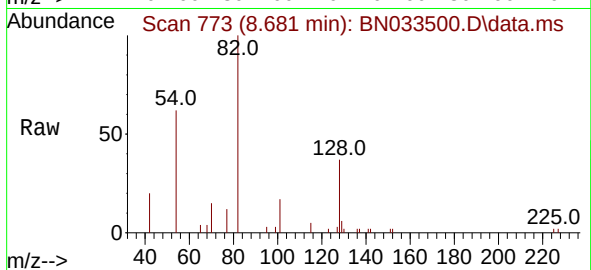
Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

Instrument :

BNA_N

ClientSampleId :



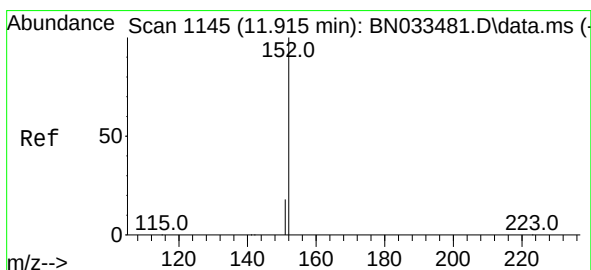
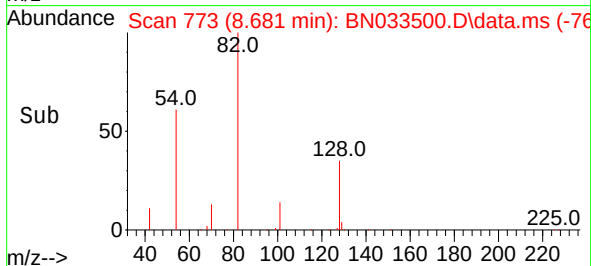
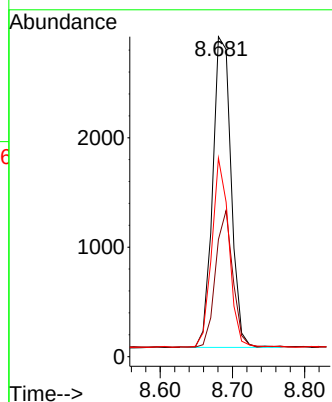
Tgt Ion: 82 Resp: 5033

Ion Ratio Lower Upper

82 100

128 36.6 36.0 54.0

54 62.0 42.0 63.0



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 11.911 min Scan# 1144

Delta R.T. -0.004 min

Lab File: BN033500.D

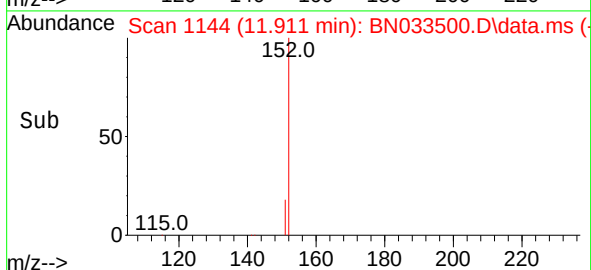
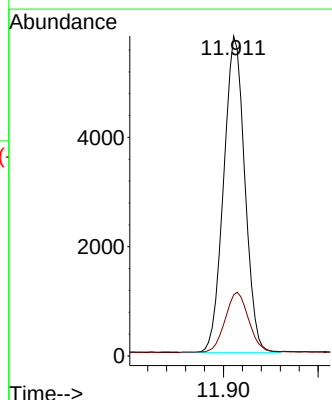
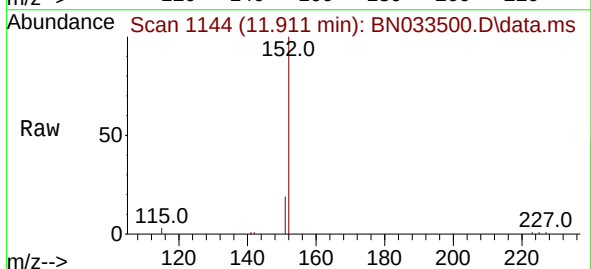
Acq: 20 Aug 2024 11:35

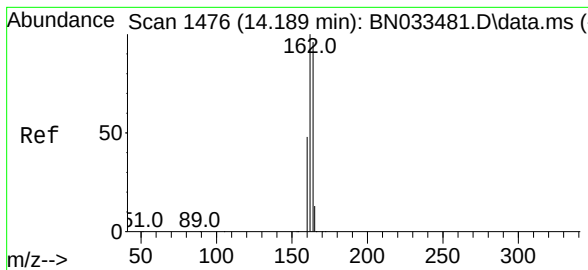
Tgt Ion: 152 Resp: 8990

Ion Ratio Lower Upper

152 100

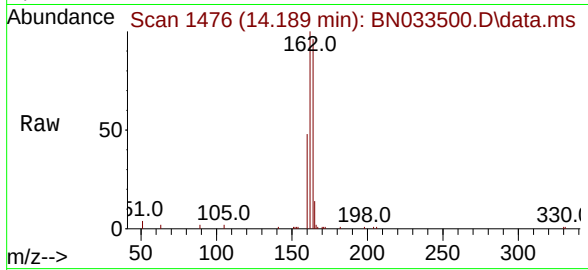
151 20.9 16.6 25.0



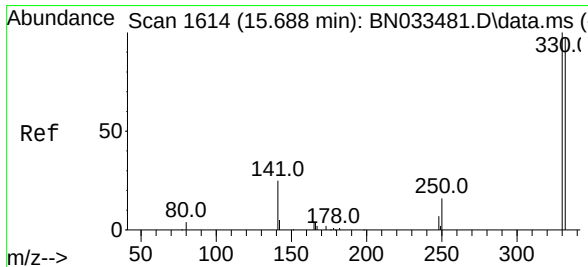
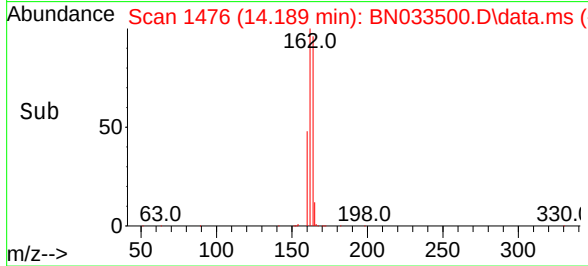
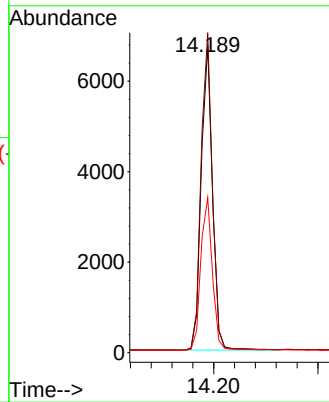


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Instrument :
BNA_N
ClientSampleId :

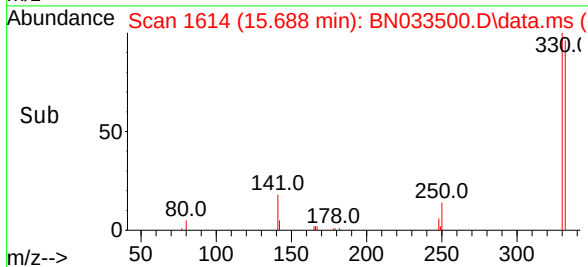
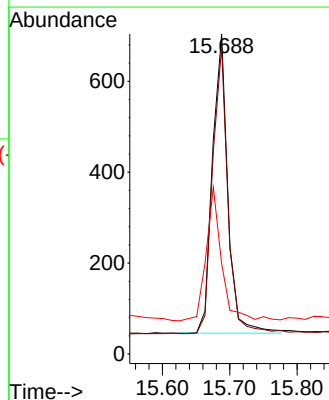
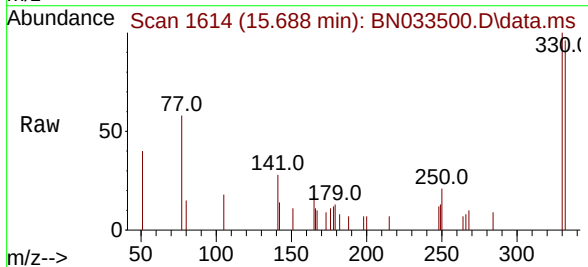


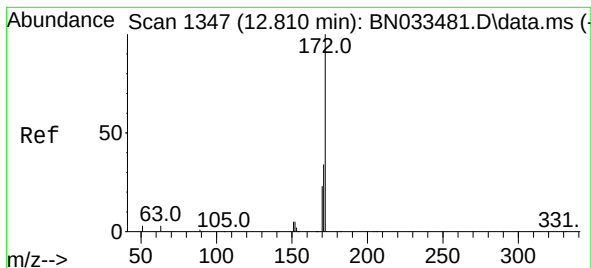
Tgt Ion:164 Resp: 10125
Ion Ratio Lower Upper
164 100
162 104.2 83.5 125.3
160 50.5 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.193 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Tgt Ion:330 Resp: 1049
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 44.9 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.337 ng

RT: 12.809 min Scan# 1347

Delta R.T. -0.000 min

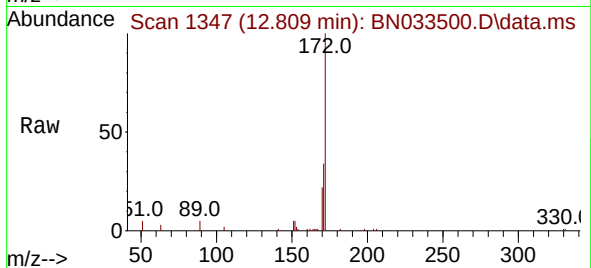
Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

Instrument :

BNA_N

ClientSampleId :



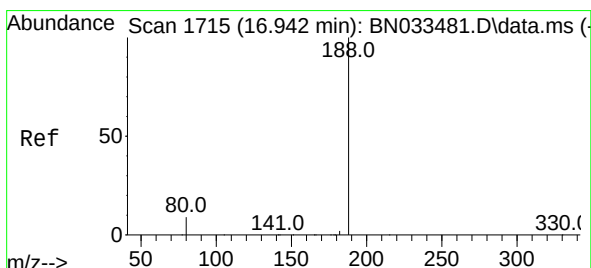
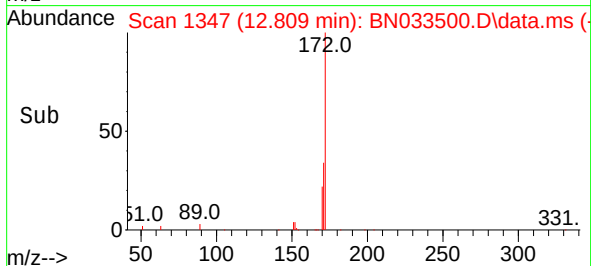
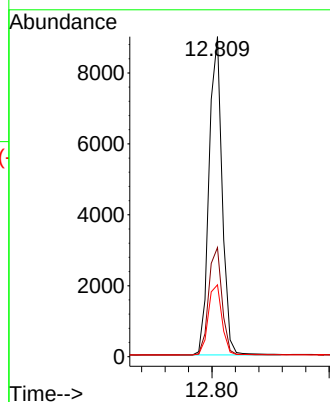
Tgt Ion:172 Resp: 13951

Ion Ratio Lower Upper

172 100

171 34.1 27.7 41.5

170 22.5 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

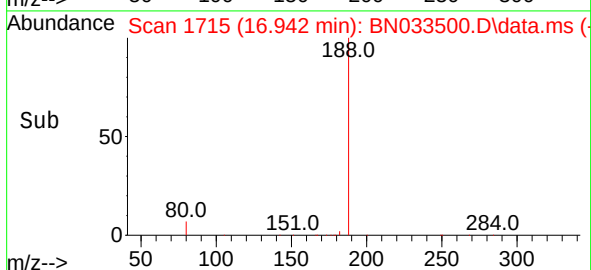
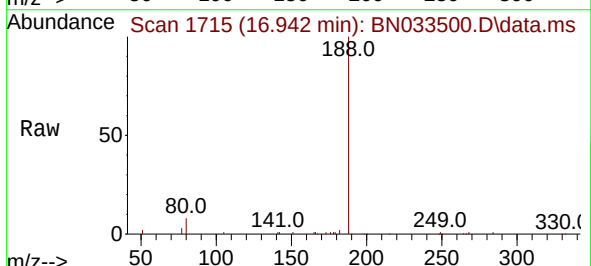
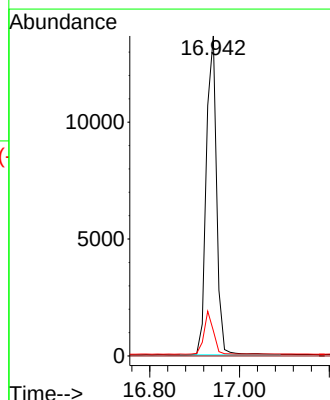
Tgt Ion:188 Resp: 21657

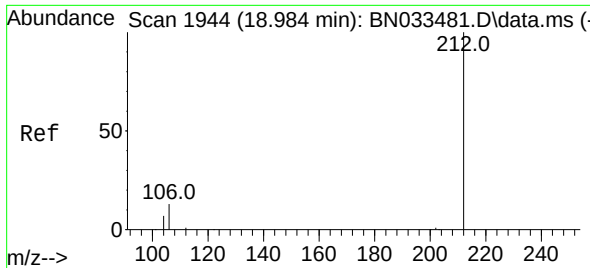
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

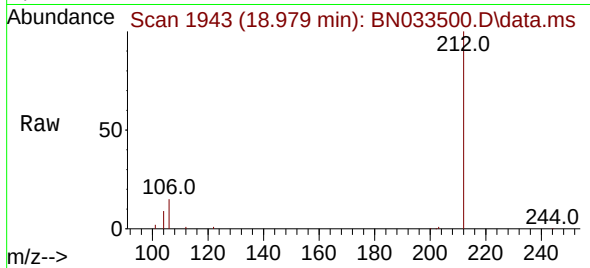
80 7.9 7.8 11.8



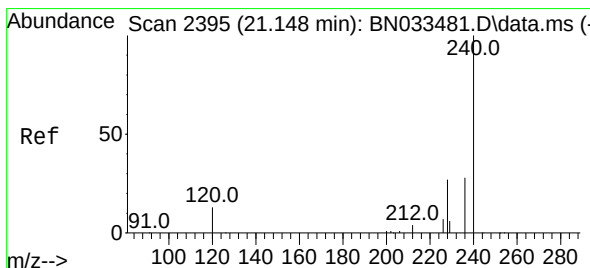
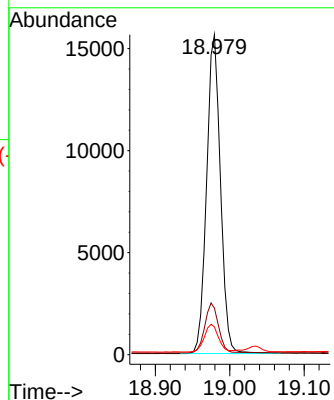


#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Instrument :
BNA_N
ClientSampleId :

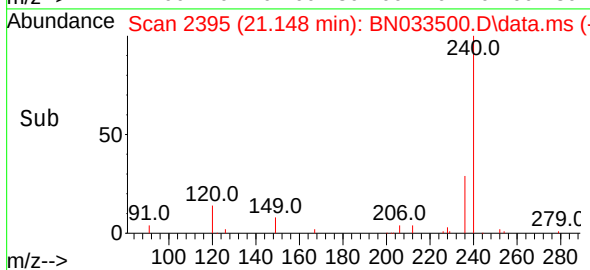
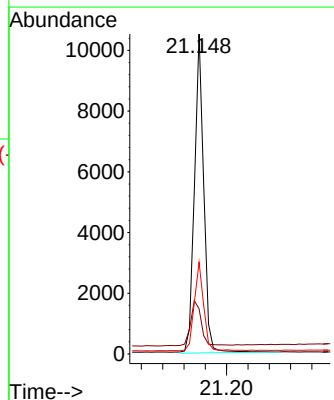
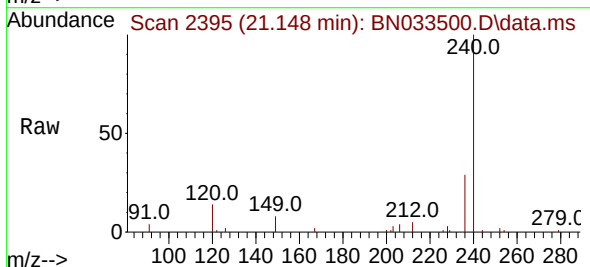


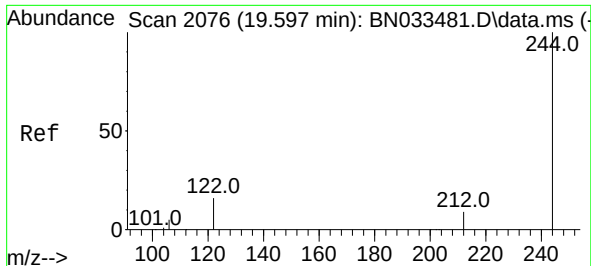
Tgt Ion:212 Resp: 20141
Ion Ratio Lower Upper
212 100
106 15.7 12.3 18.5
104 8.8 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

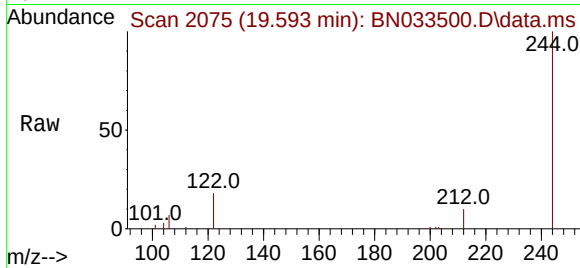
Tgt Ion:240 Resp: 12812
Ion Ratio Lower Upper
240 100
120 14.1 12.4 18.6
236 28.7 23.0 34.6



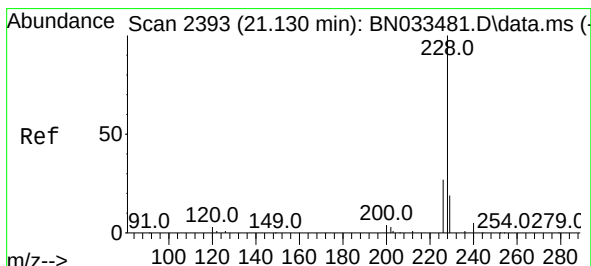
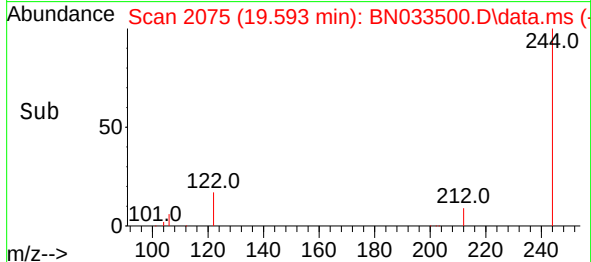
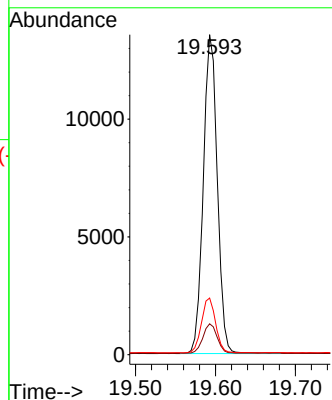


#31
Terphenyl-d14
Concen: 0.566 ng
RT: 19.593 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Instrument :
BNA_N
ClientSampleId :

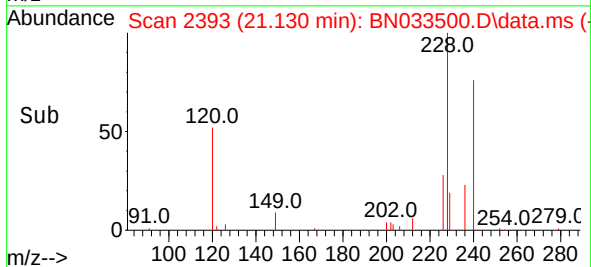
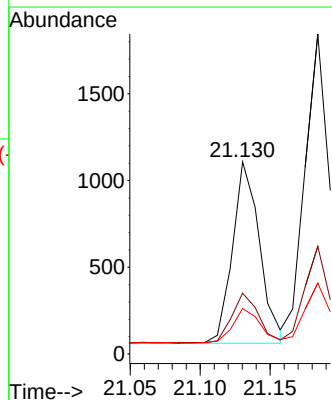
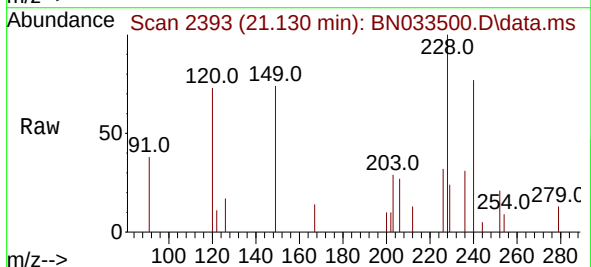


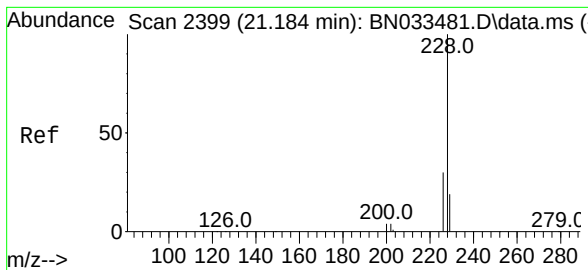
Tgt Ion:244 Resp: 16479
Ion Ratio Lower Upper
244 100
212 9.7 7.8 11.6
122 17.7 13.3 19.9



#32
Benzo(a)anthracene
Concen: 0.030 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Tgt Ion:228 Resp: 1411
Ion Ratio Lower Upper
228 100
226 31.7 21.8 32.6
229 23.6 15.8 23.6#





#33

Chrysene

Concen: 0.047 ng

RT: 21.184 min Scan# 2399

Delta R.T. -0.000 min

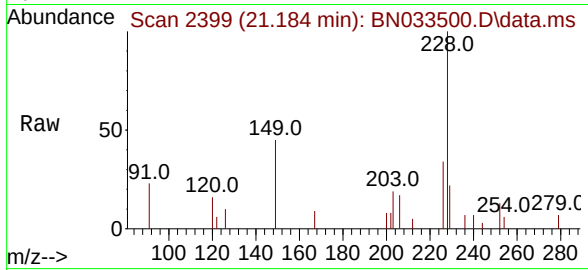
Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

Instrument :

BNA_N

ClientSampleId :



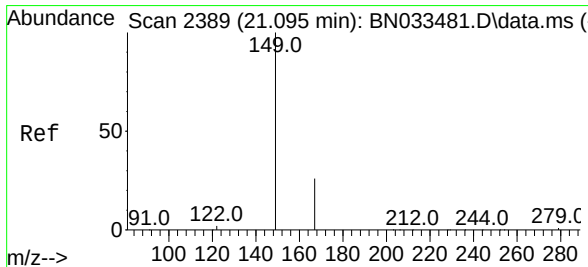
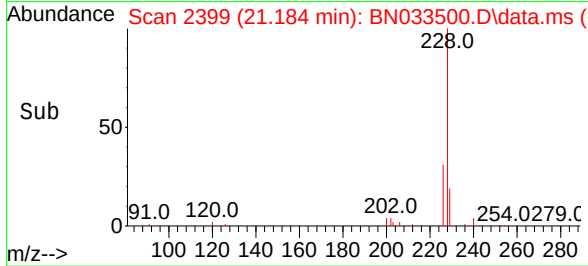
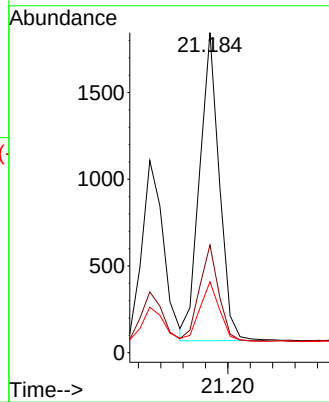
Tgt Ion:228 Resp: 2167

Ion Ratio Lower Upper

228 100

226 33.7 23.8 35.8

229 22.2 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.143 ng

RT: 21.094 min Scan# 2389

Delta R.T. -0.000 min

Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

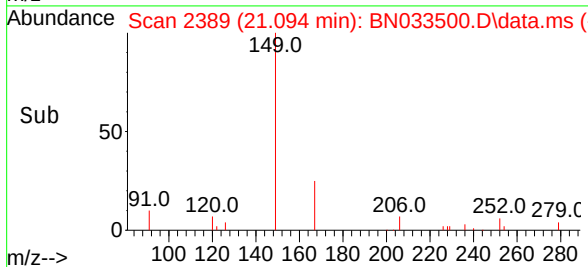
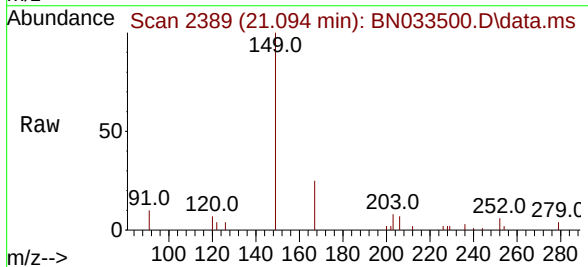
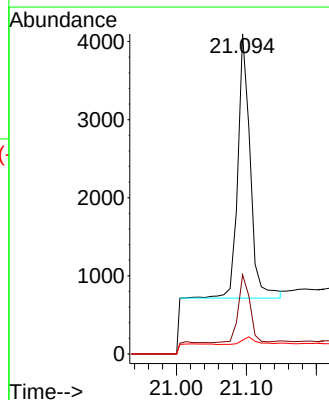
Tgt Ion:149 Resp: 4185

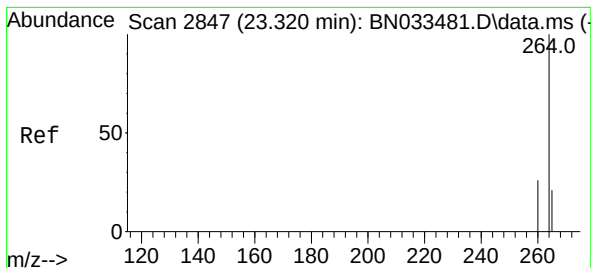
Ion Ratio Lower Upper

149 100

167 23.6 21.5 32.3

279 3.1 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.320 min Scan# 21

Delta R.T. -0.000 min

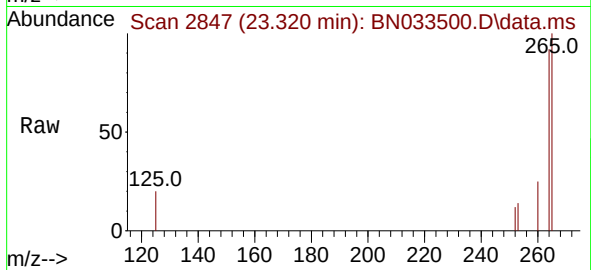
Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

Instrument :

BNA_N

ClientSampleId :



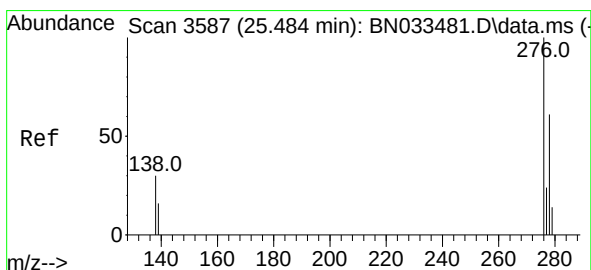
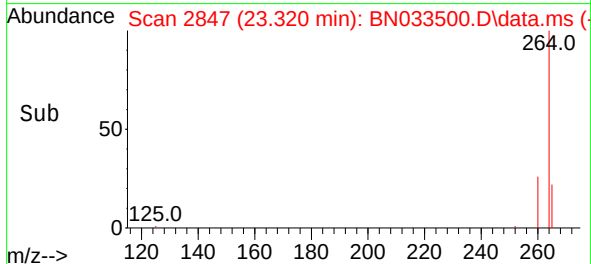
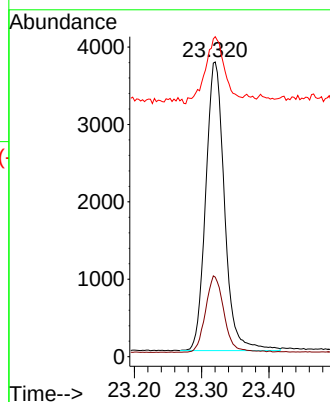
Tgt Ion:264 Resp: 7238

Ion Ratio Lower Upper

264 100

260 27.0 20.8 31.2

265 108.6 52.2 78.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.058 ng

RT: 25.478 min Scan# 3585

Delta R.T. -0.006 min

Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

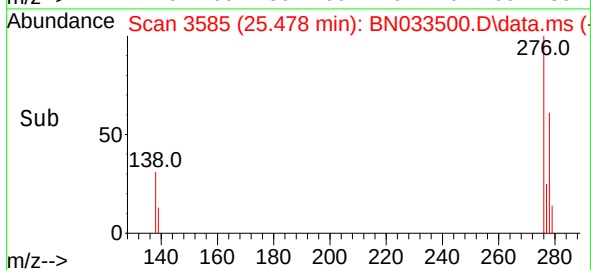
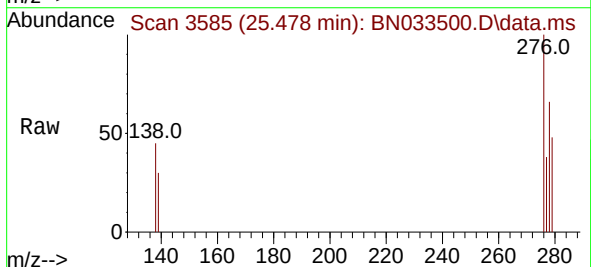
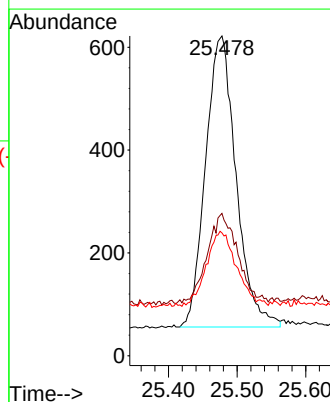
Tgt Ion:276 Resp: 1751

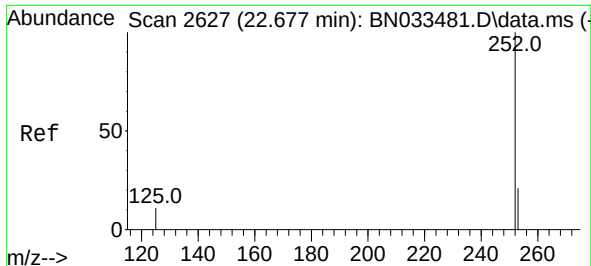
Ion Ratio Lower Upper

276 100

138 29.9 24.4 36.6

277 25.4 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.075 ng

RT: 22.677 min Scan# 2016

Delta R.T. -0.000 min

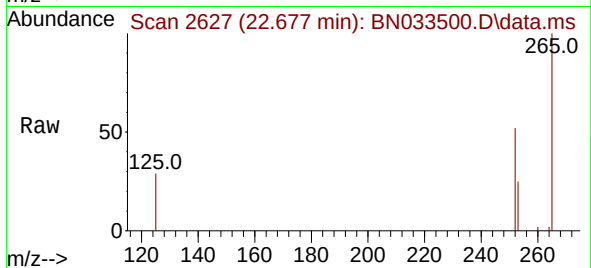
Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

Instrument :

BNA_N

ClientSampleId :



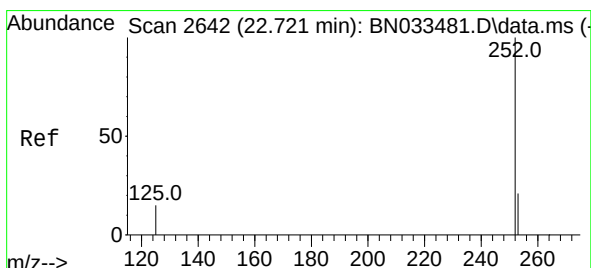
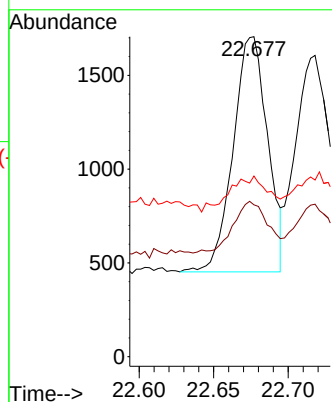
Tgt Ion:252 Resp: 2016

Ion Ratio Lower Upper

252 100

253 47.5 19.8 29.8#

125 56.4 13.9 20.9#



#38

Benzo(k)fluoranthene

Concen: 0.073 ng

RT: 22.718 min Scan# 2641

Delta R.T. -0.003 min

Lab File: BN033500.D

Acq: 20 Aug 2024 11:35

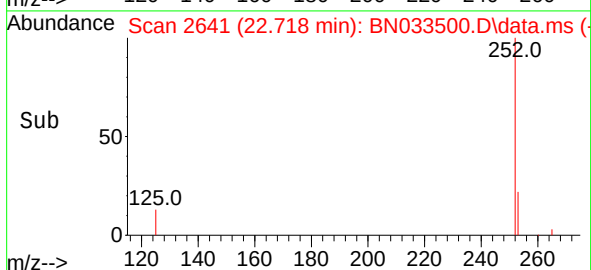
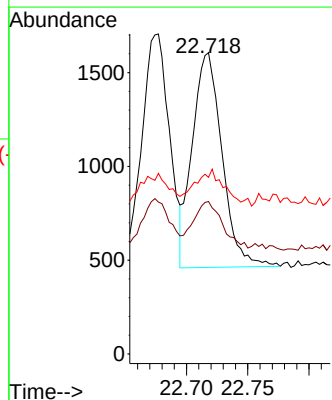
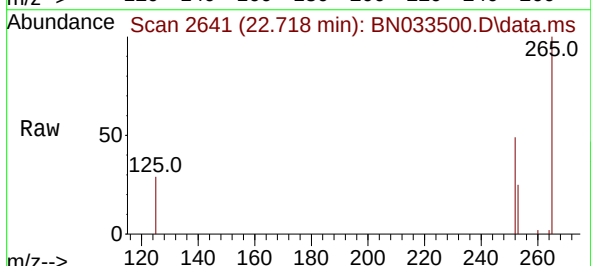
Tgt Ion:252 Resp: 1933

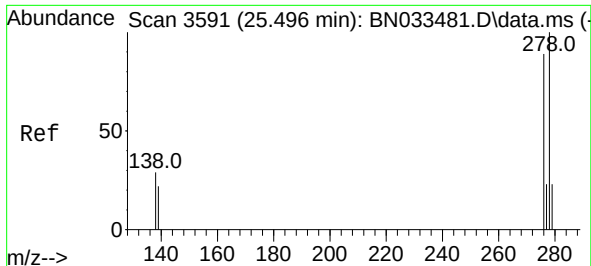
Ion Ratio Lower Upper

252 100

253 50.6 19.8 29.8#

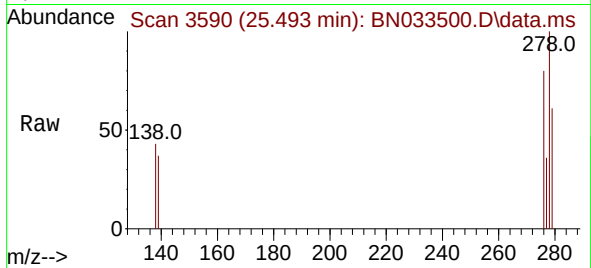
125 58.7 15.8 23.8#



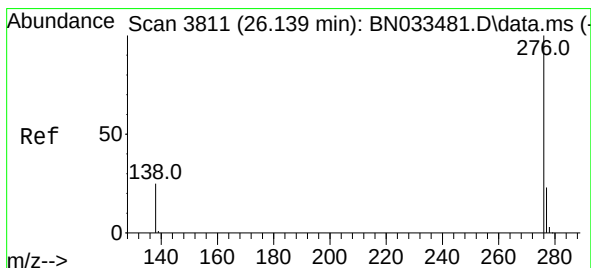
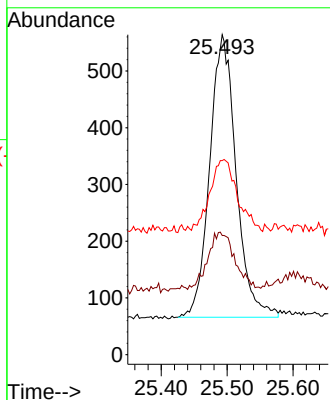
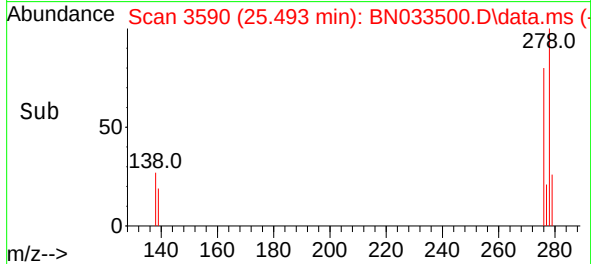


#40
Dibenzo(a,h)anthracene
Concen: 0.057 ng
RT: 25.493 min Scan# 310
Delta R.T. -0.003 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 1381
Ion Ratio Lower Upper
278 100
139 37.2 19.1 28.7#
279 60.6 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.059 ng
RT: 26.124 min Scan# 3806
Delta R.T. -0.015 min
Lab File: BN033500.D
Acq: 20 Aug 2024 11:35

Tgt Ion:276 Resp: 1512
Ion Ratio Lower Upper
276 100
277 38.6 19.7 29.5#
138 42.2 21.8 32.6#

