

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033498.D
 Acq On : 20 Aug 2024 10:22
 Operator : MA/JU
 Sample : P3650-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 20 10:48:47 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)

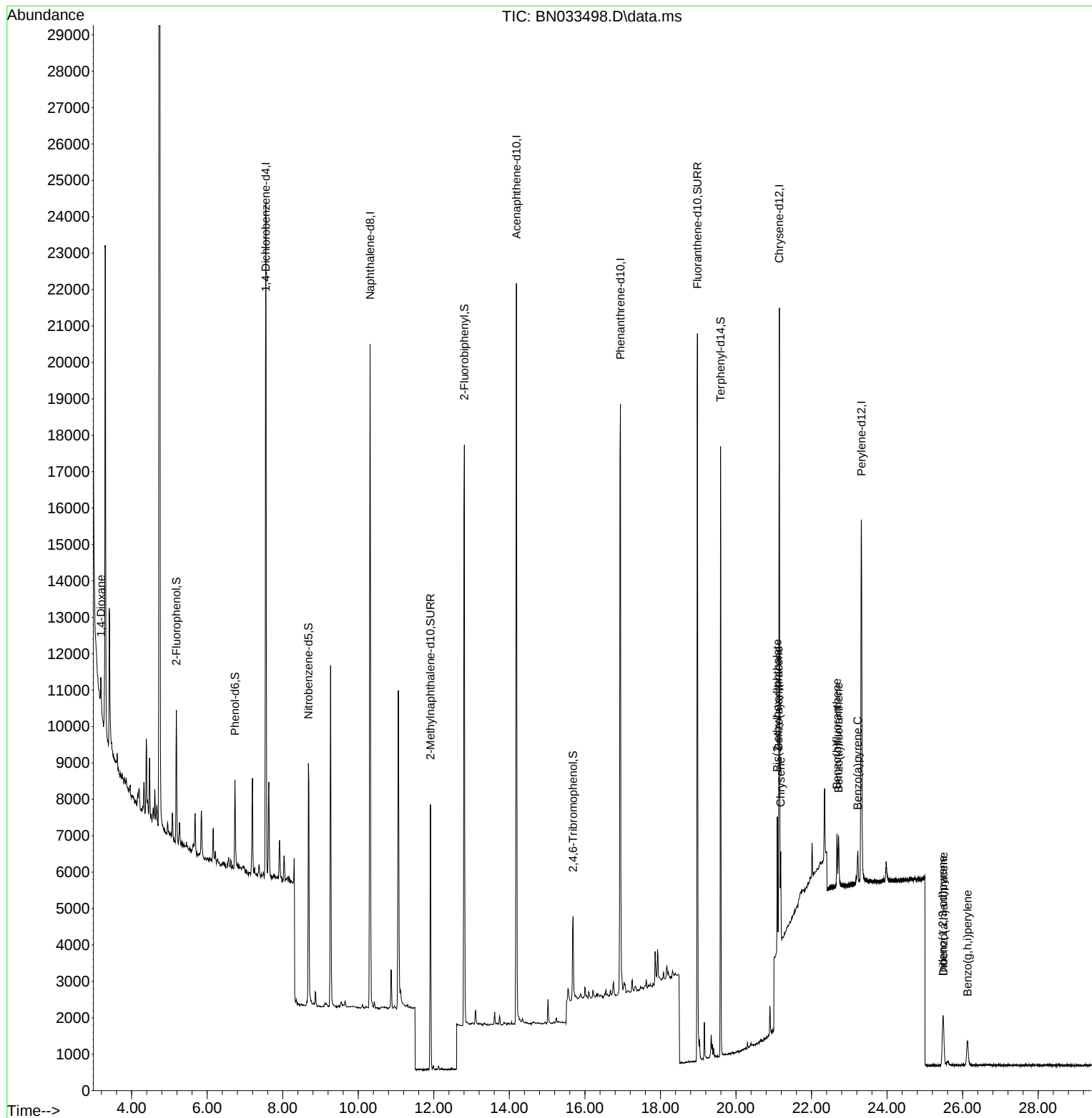
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	8602	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	22913	0.400	ng	# 0.00
13) Acenaphthene-d10	14.188	164	11418	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	24305	0.400	ng	# 0.00
29) Chrysene-d12	21.148	240	14543	0.400	ng	0.00
35) Perylene-d12	23.320	264	13065	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2642	0.097	ng	0.00
5) Phenol-d6	6.736	99	1920	0.059	ng	0.00
8) Nitrobenzene-d5	8.681	82	5312	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	9608	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1518	0.247	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	14383	0.308	ng	0.00
27) Fluoranthene-d10	18.979	212	21231	0.363	ng	0.00
31) Terphenyl-d14	19.593	244	14971	0.453	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	461	0.047	ng	# 1
32) Benzo(a)anthracene	21.130	228	1568	0.030	ng	# 91
33) Chrysene	21.184	228	1888	0.036	ng	94
34) Bis(2-ethylhexyl)phtha...	21.094	149	3212	0.097	ng	97
36) Indeno(1,2,3-cd)pyrene	25.475	276	1654	0.030	ng	100
37) Benzo(b)fluoranthene	22.674	252	1699	0.035	ng	# 26
38) Benzo(k)fluoranthene	22.715	252	1706	0.036	ng	# 22
39) Benzo(a)pyrene	23.221	252	1202	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	25.493	278	1272	0.029	ng	# 41
41) Benzo(g,h,i)perylene	26.130	276	1346	0.029	ng	# 66

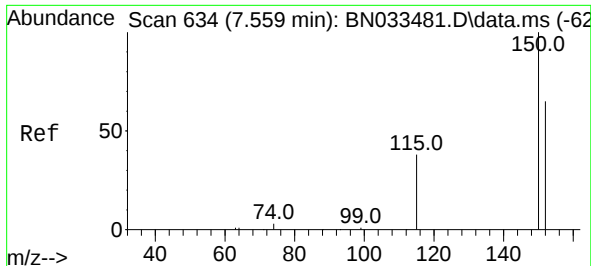
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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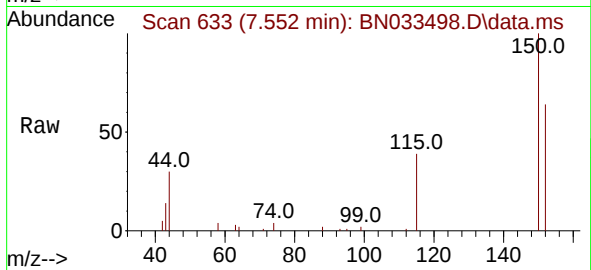
Quant Time: Aug 20 10:48:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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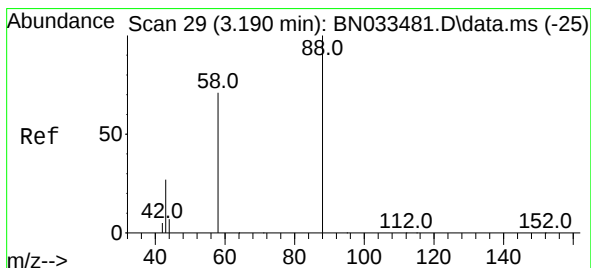
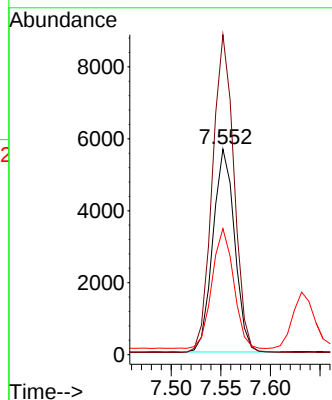
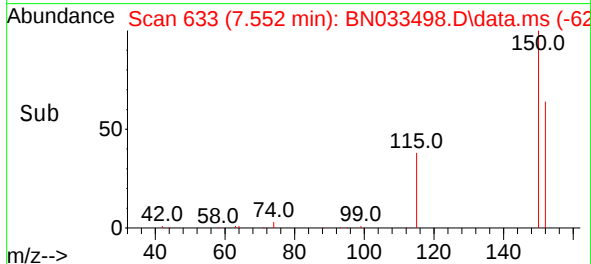


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033498.D
 Acq: 20 Aug 2024 10:22

Instrument :
 BNA_N
 ClientSampleId :

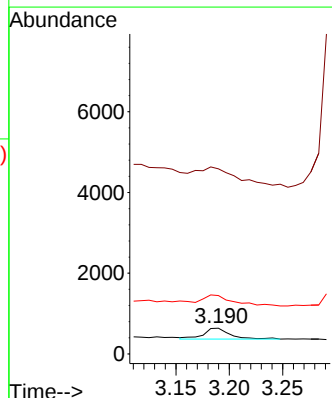
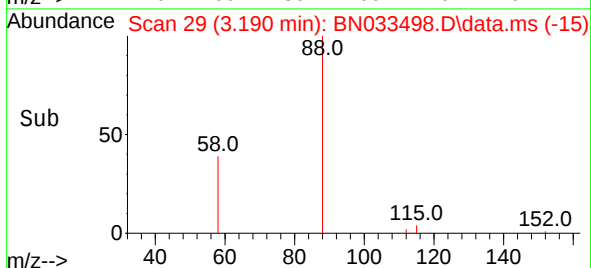
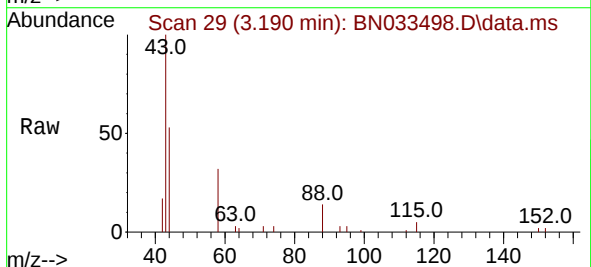


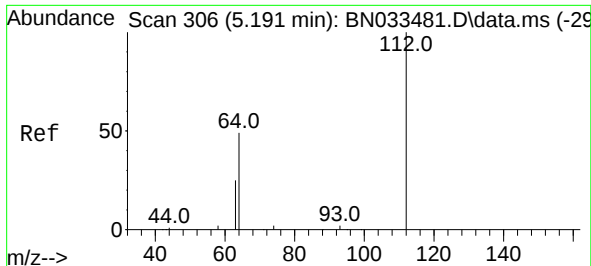
Tgt Ion:152 Resp: 8602
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.2 183.2
 115 61.3 47.2 70.8



#2
 1,4-Dioxane
 Concen: 0.047 ng
 RT: 3.190 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN033498.D
 Acq: 20 Aug 2024 10:22

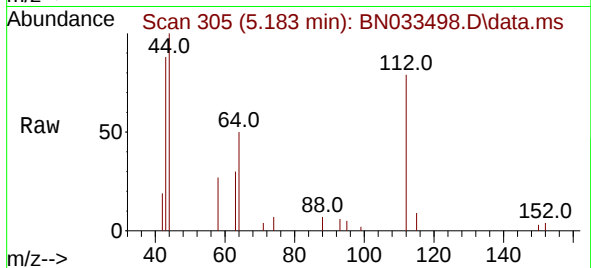
Tgt Ion: 88 Resp: 461
 Ion Ratio Lower Upper
 88 100
 43 293.5 25.0 37.4#
 58 113.2 62.5 93.7#



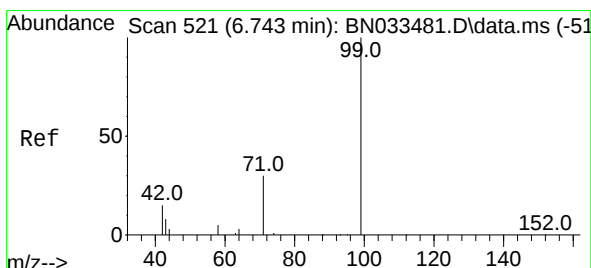
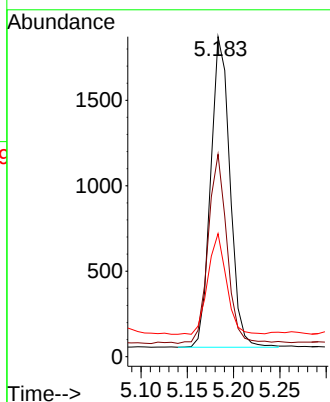
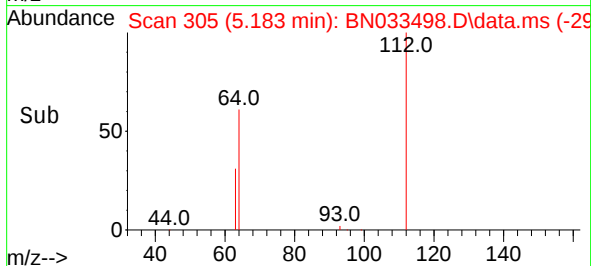


#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Instrument :
BNA_N
ClientSampleId :

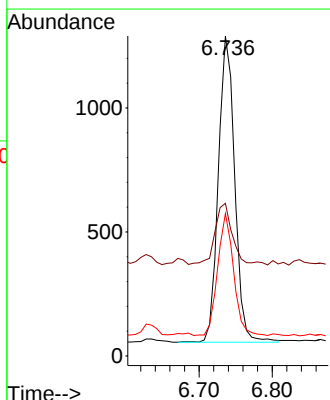
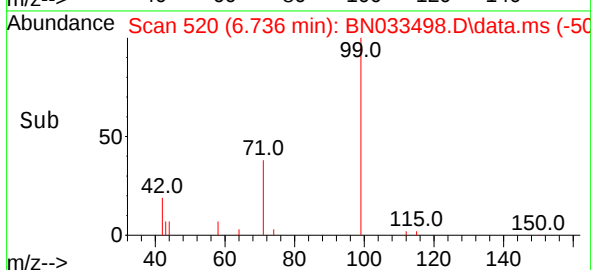
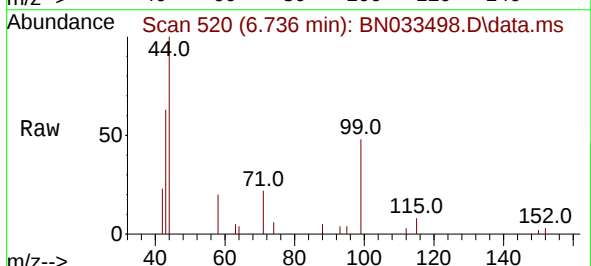


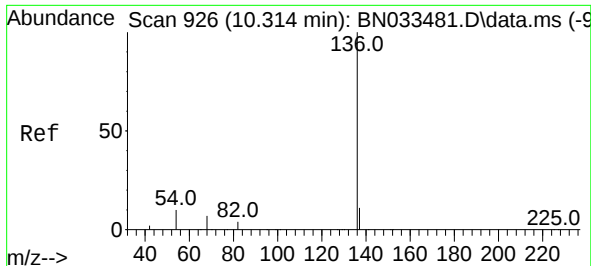
Tgt Ion:112 Resp: 2642
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 31.1 24.9 37.3



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

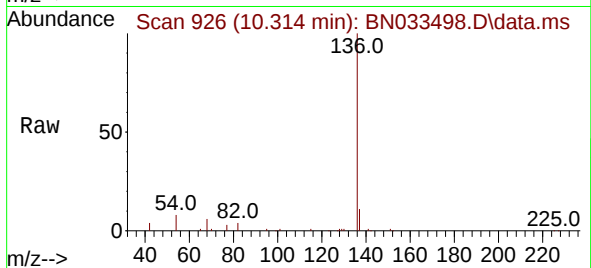
Tgt Ion: 99 Resp: 1920
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 38.9 26.2 39.4



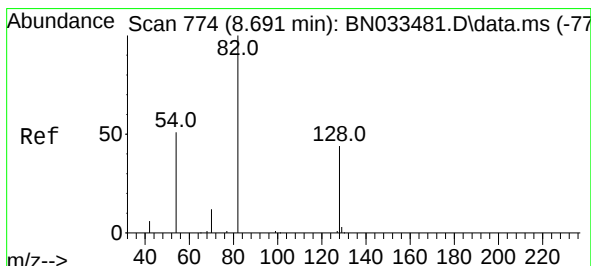
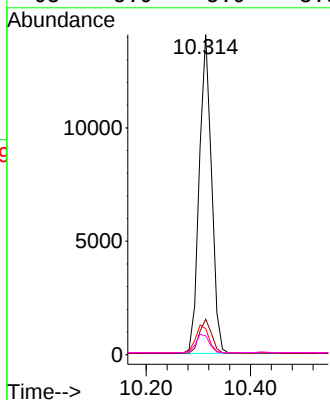
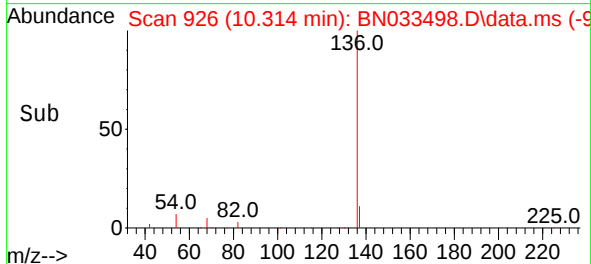


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Instrument :
BNA_N
ClientSampleId :

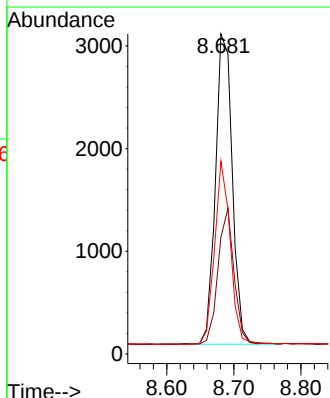
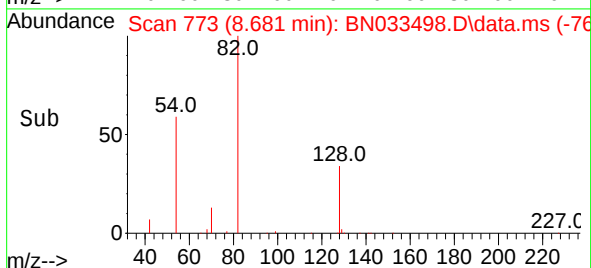
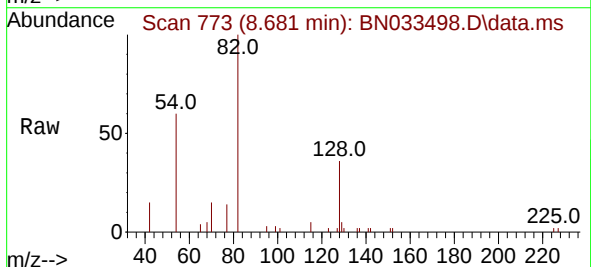


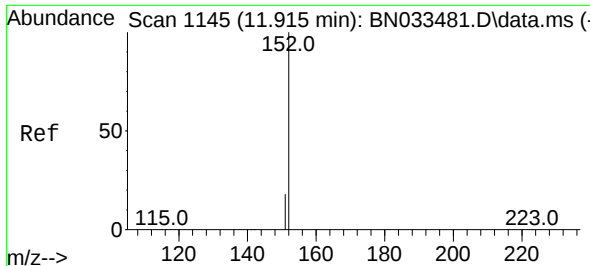
Tgt Ion:136 Resp: 22913
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.1 8.3 12.5#
68 5.9 5.9 8.9#



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion: 82 Resp: 5312
Ion Ratio Lower Upper
82 100
128 36.5 36.0 54.0
54 60.2 42.0 63.0





#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 11.911 min Scan# 1144

Delta R.T. -0.004 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

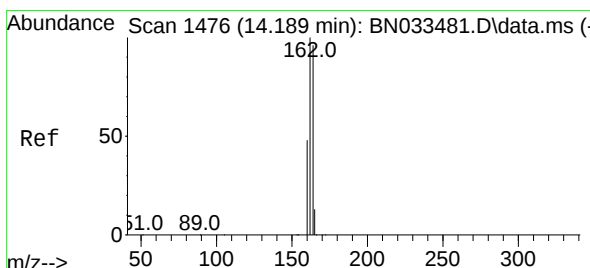
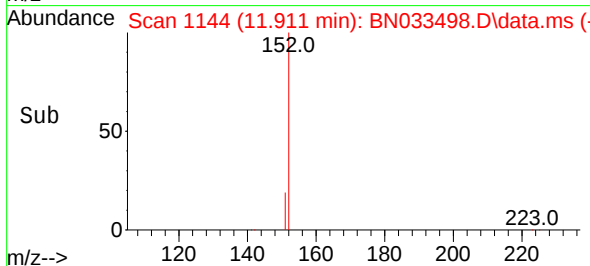
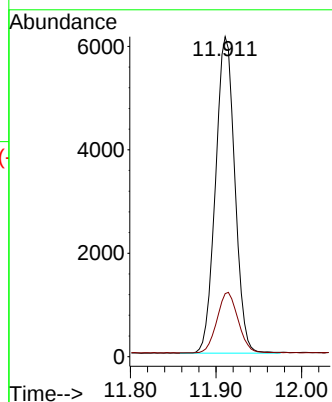
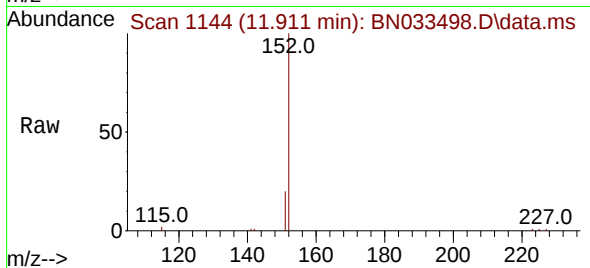
ClientSampleId :

Tgt Ion:152 Resp: 9608

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.188 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

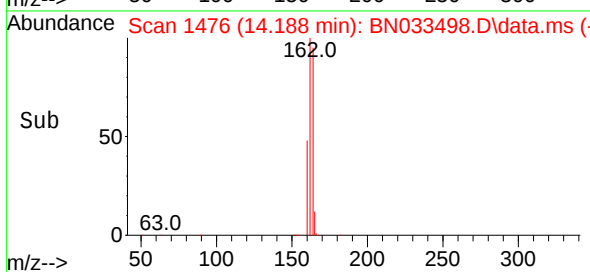
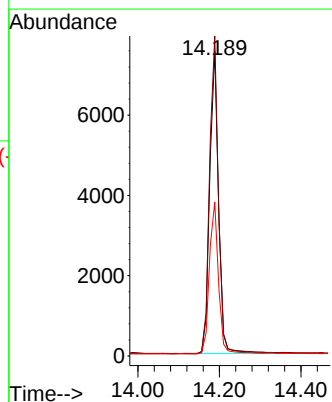
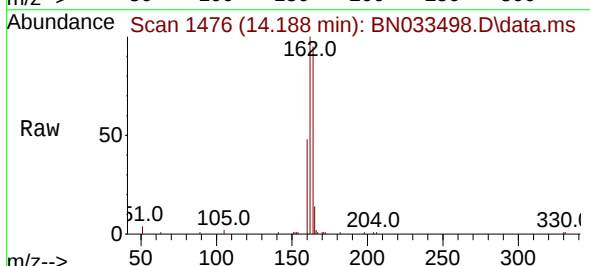
Tgt Ion:164 Resp: 11418

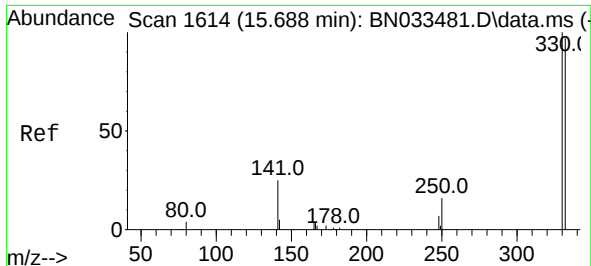
Ion Ratio Lower Upper

164 100

162 105.0 83.5 125.3

160 50.4 40.2 60.4





#14

2,4,6-Tribromophenol

Concen: 0.247 ng

RT: 15.688 min Scan# 1

Delta R.T. -0.000 min

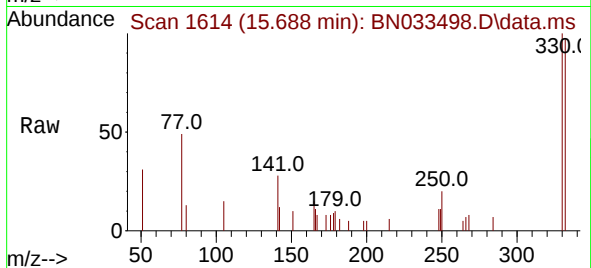
Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :



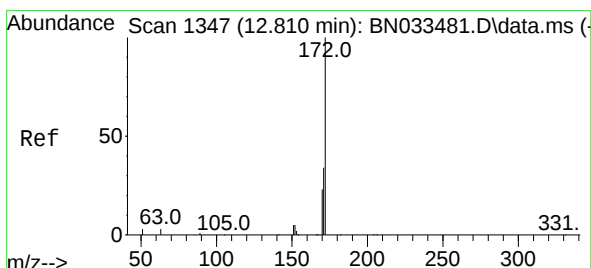
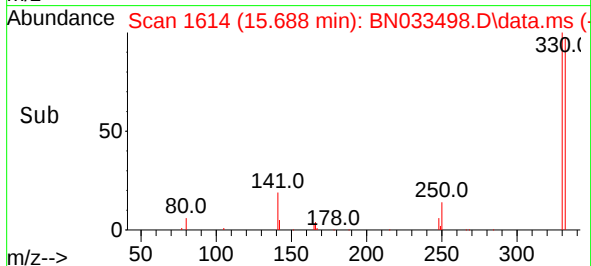
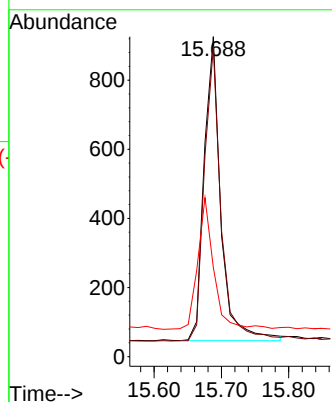
Tgt Ion:330 Resp: 1518

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 41.6 33.9 50.9



#15

2-Fluorobiphenyl

Concen: 0.308 ng

RT: 12.809 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

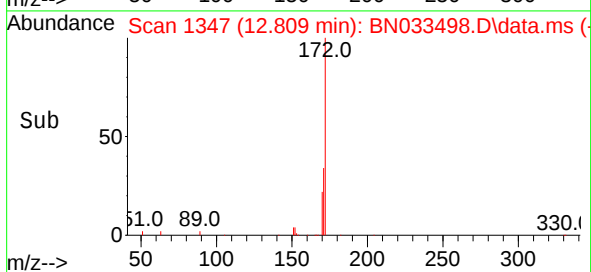
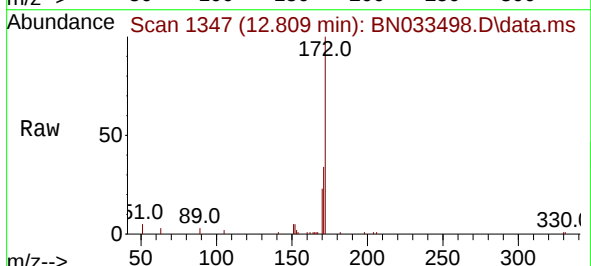
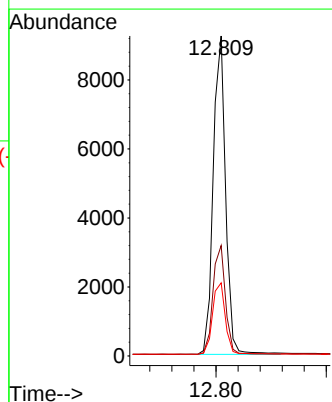
Tgt Ion:172 Resp: 14383

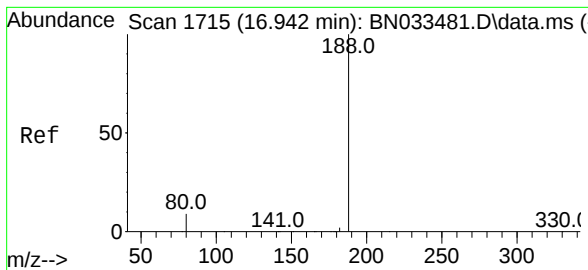
Ion Ratio Lower Upper

172 100

171 34.5 27.7 41.5

170 22.8 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1

Delta R.T. -0.000 min

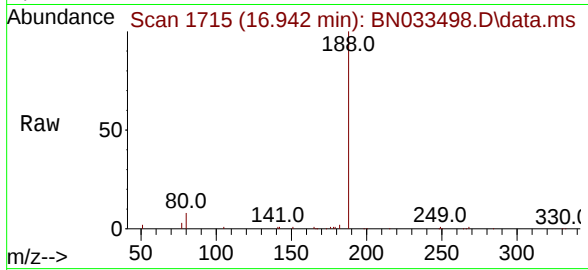
Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :



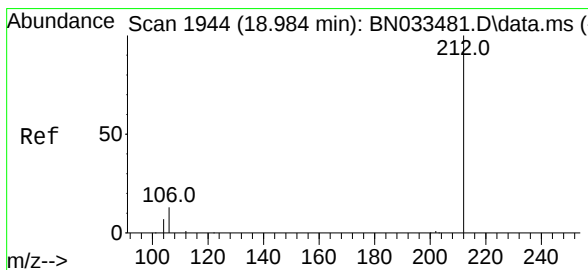
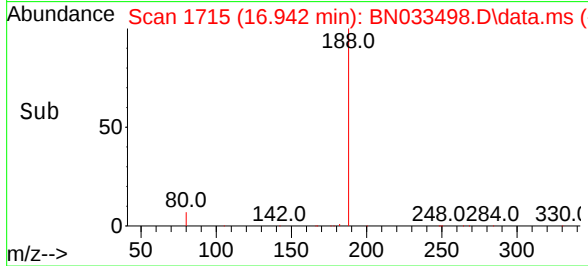
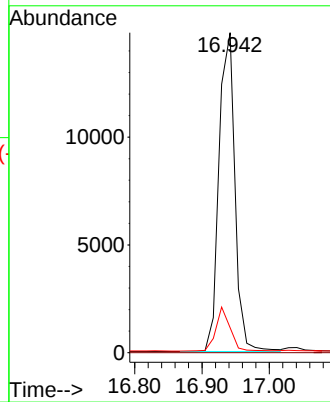
Tgt Ion:188 Resp: 24305

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 7.8 11.8#



#27

Fluoranthene-d10

Concen: 0.363 ng

RT: 18.979 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

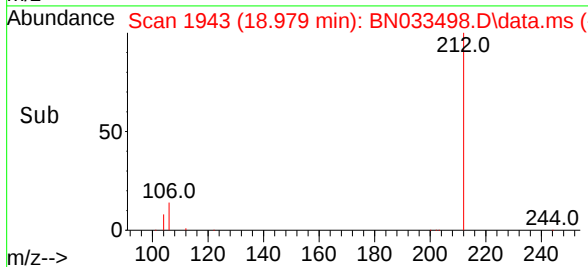
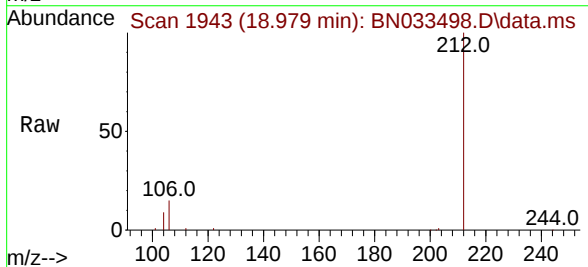
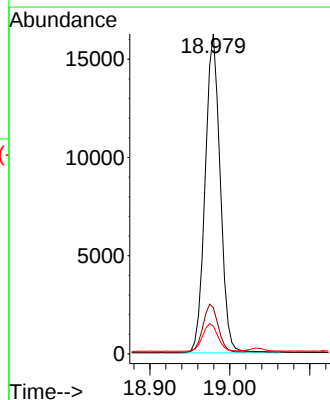
Tgt Ion:212 Resp: 21231

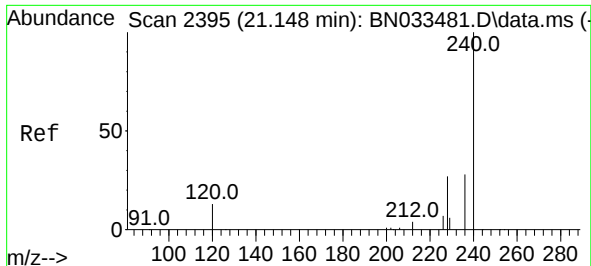
Ion Ratio Lower Upper

212 100

106 15.4 12.3 18.5

104 8.8 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.148 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :

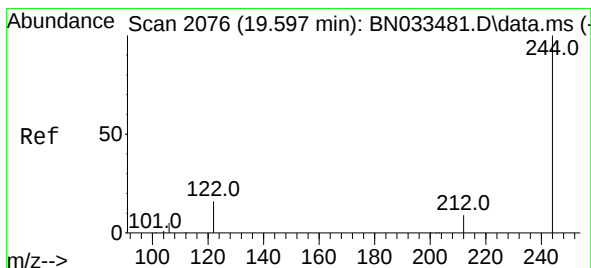
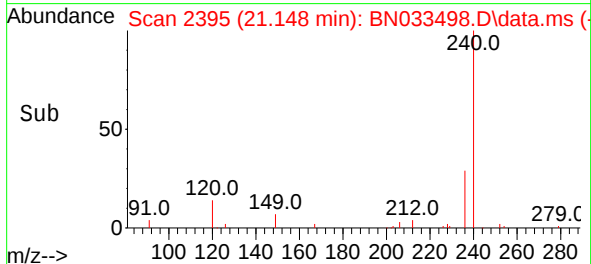
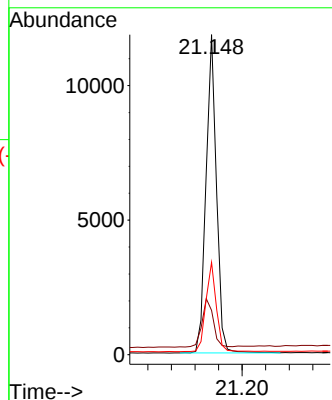
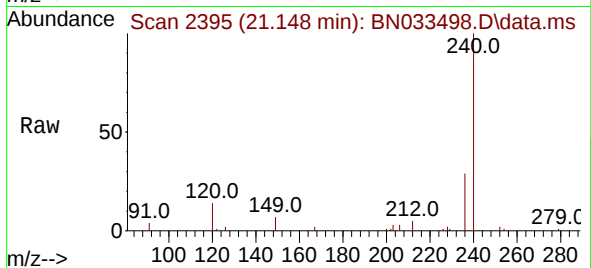
Tgt Ion:240 Resp: 14543

Ion Ratio Lower Upper

240 100

120 13.8 12.4 18.6

236 28.8 23.0 34.6



#31

Terphenyl-d14

Concen: 0.453 ng

RT: 19.593 min Scan# 2075

Delta R.T. -0.005 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

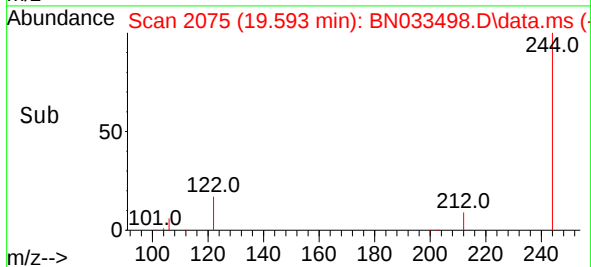
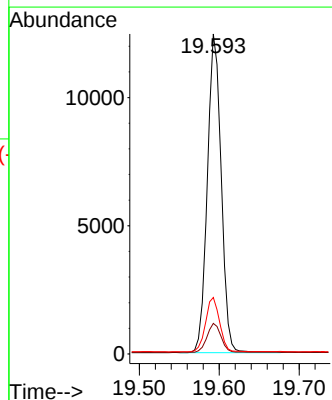
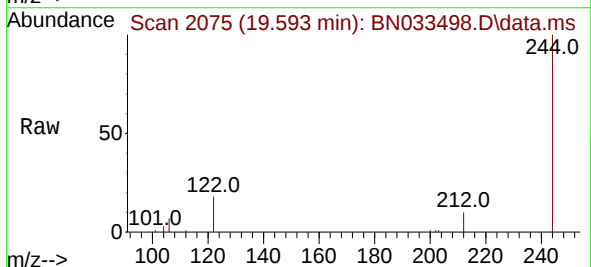
Tgt Ion:244 Resp: 14971

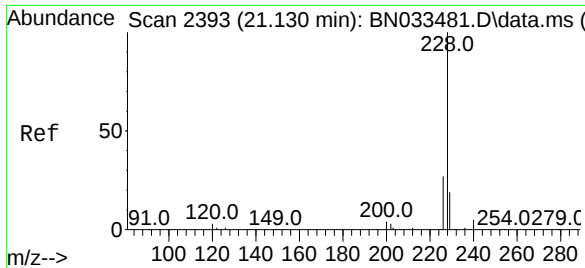
Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

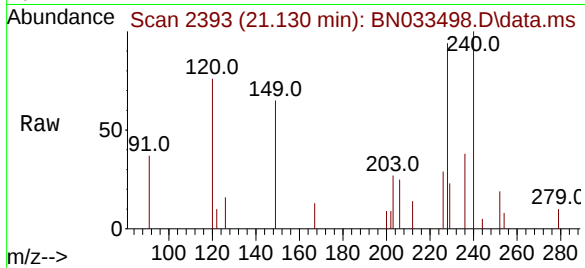
122 17.6 13.3 19.9



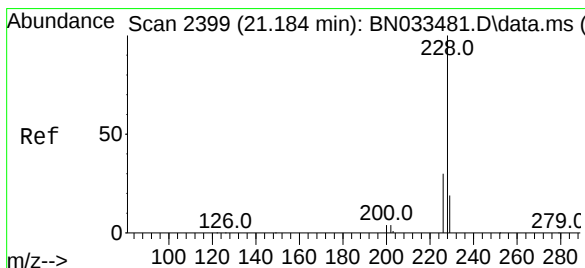
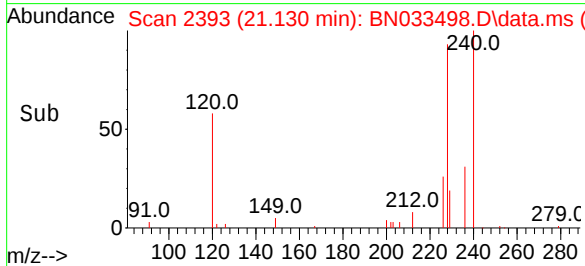
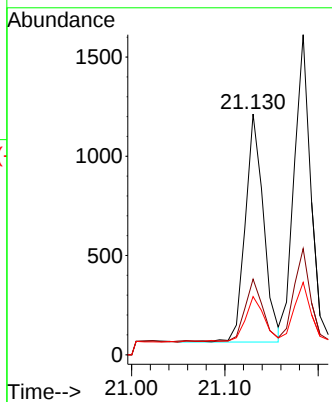


#32
Benzo(a)anthracene
Concen: 0.030 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Instrument :
BNA_N
ClientSampleId :

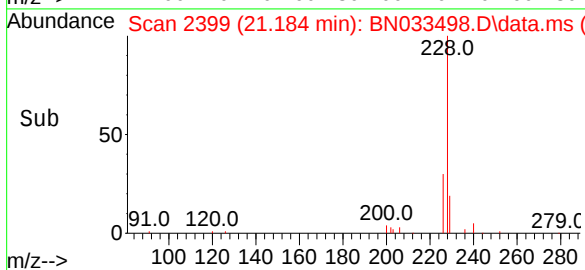
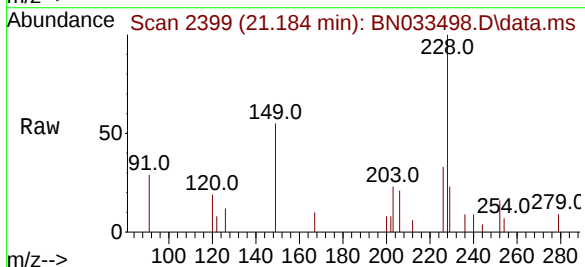
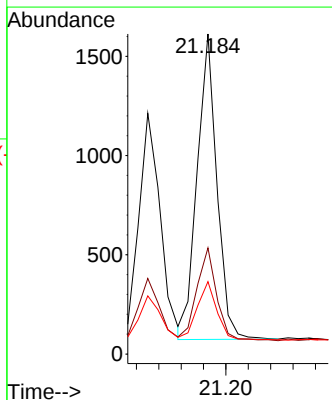


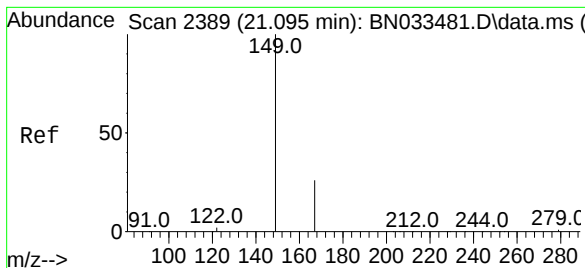
Tgt Ion:228 Resp: 1568
Ion Ratio Lower Upper
228 100
226 31.4 21.8 32.6
229 24.2 15.8 23.6#



#33
Chrysene
Concen: 0.036 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion:228 Resp: 1888
Ion Ratio Lower Upper
228 100
226 33.2 23.8 35.8
229 22.6 15.6 23.4

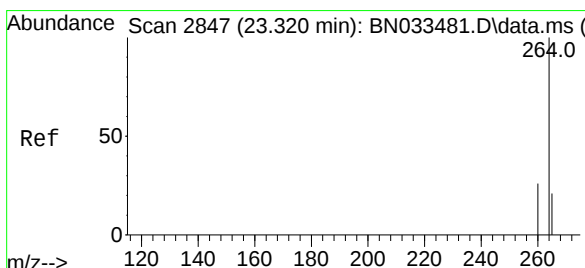
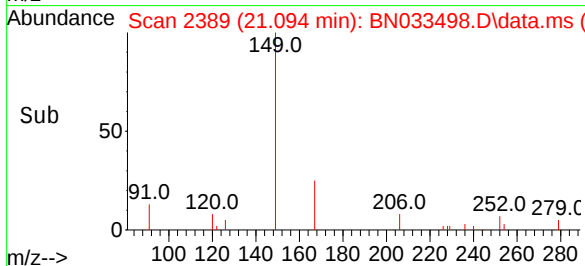
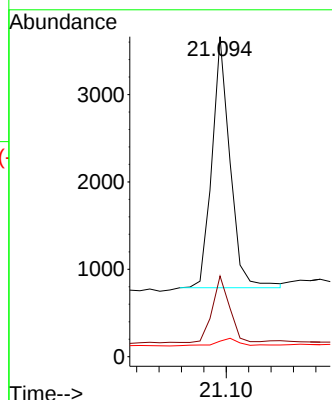
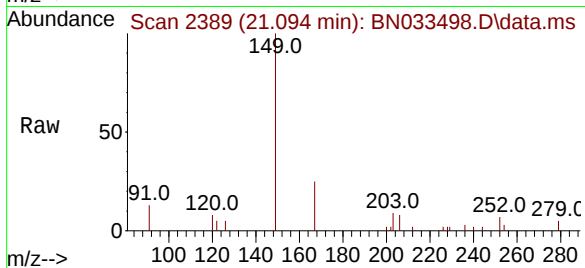




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.094 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN033498.D
 Acq: 20 Aug 2024 10:22

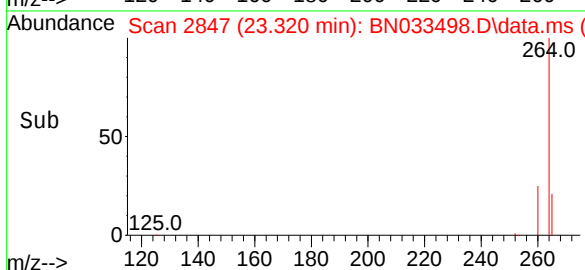
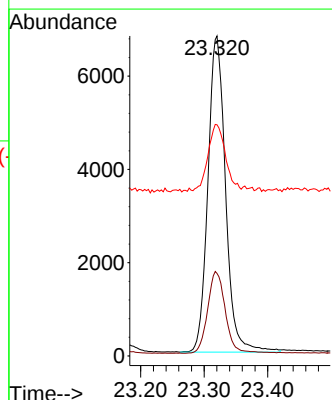
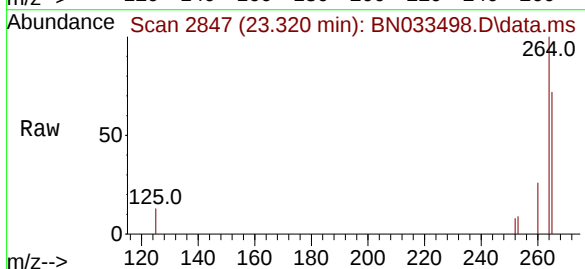
Instrument :
 BNA_N
 ClientSampleId :

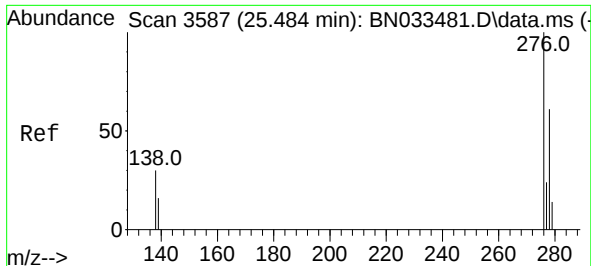
Tgt Ion:149 Resp: 3212
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.5 32.3
 279 2.6 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.320 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BN033498.D
 Acq: 20 Aug 2024 10:22

Tgt Ion:264 Resp: 13065
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.8 31.2
 265 72.2 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.030 ng

RT: 25.475 min Scan# 3584

Delta R.T. -0.009 min

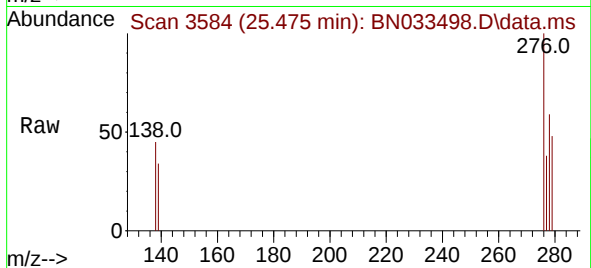
Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :



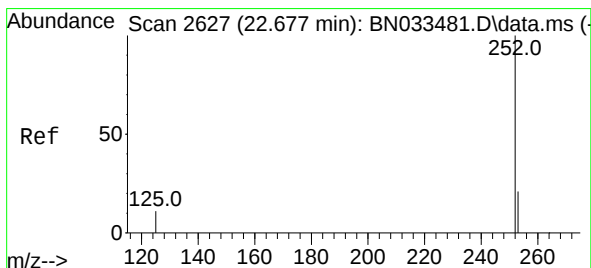
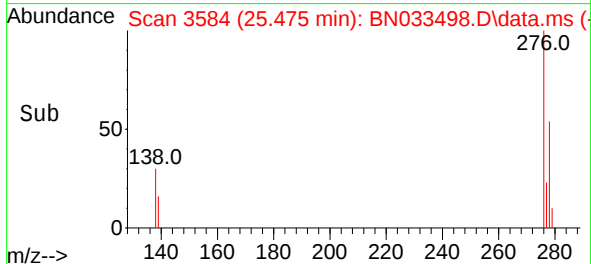
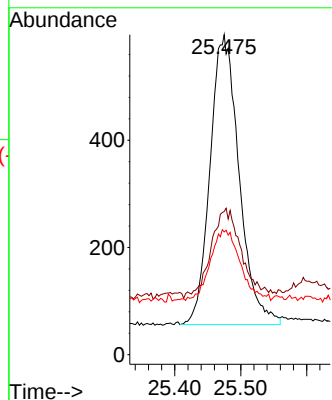
Tgt Ion:276 Resp: 1654

Ion Ratio Lower Upper

276 100

138 30.4 24.4 36.6

277 25.0 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.674 min Scan# 2626

Delta R.T. -0.003 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

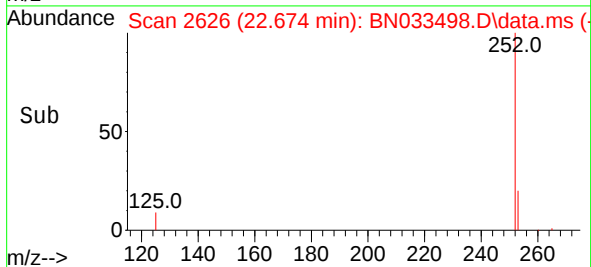
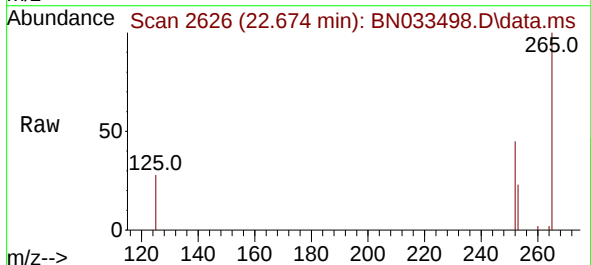
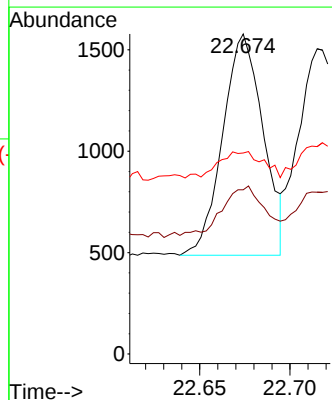
Tgt Ion:252 Resp: 1699

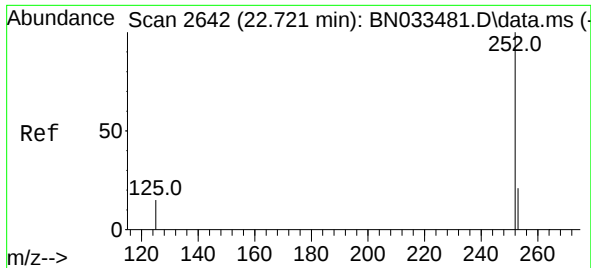
Ion Ratio Lower Upper

252 100

253 51.3 19.8 29.8#

125 62.8 13.9 20.9#





#38

Benzo(k)fluoranthene

Concen: 0.036 ng

RT: 22.715 min Scan# 2640

Delta R.T. -0.006 min

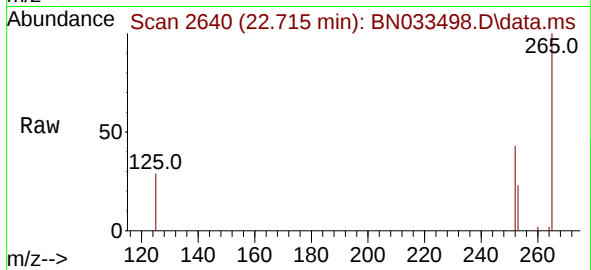
Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

Instrument :

BNA_N

ClientSampleId :



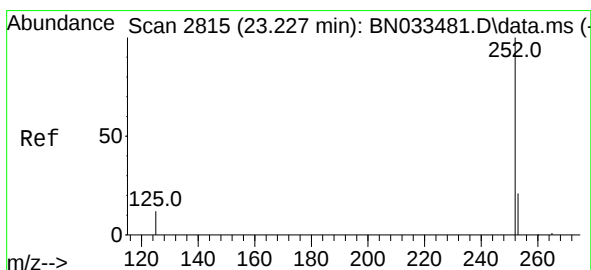
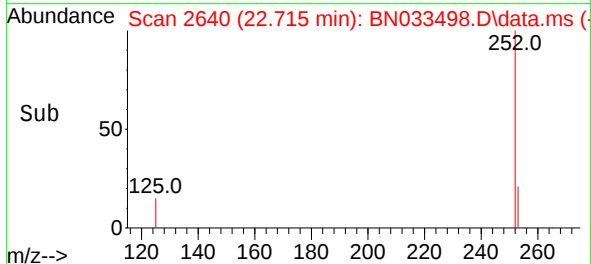
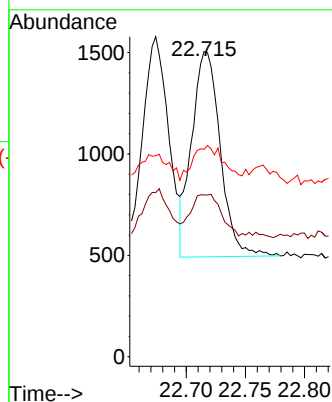
Tgt Ion:252 Resp: 1706

Ion Ratio Lower Upper

252 100

253 53.0 19.8 29.8#

125 68.0 15.8 23.8#



#39

Benzo(a)pyrene

Concen: 0.030 ng

RT: 23.221 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BN033498.D

Acq: 20 Aug 2024 10:22

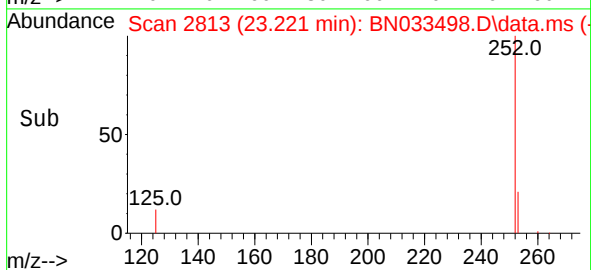
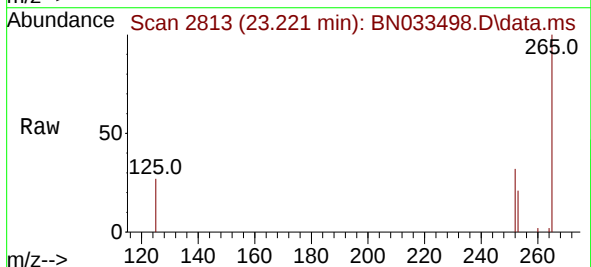
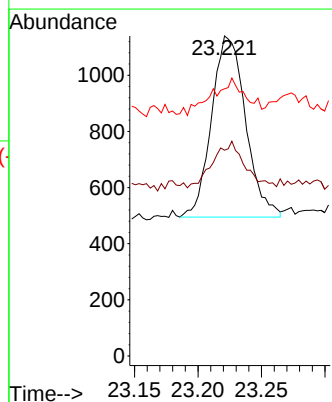
Tgt Ion:252 Resp: 1202

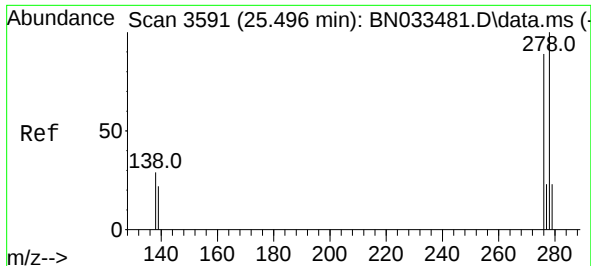
Ion Ratio Lower Upper

252 100

253 64.3 21.5 32.3#

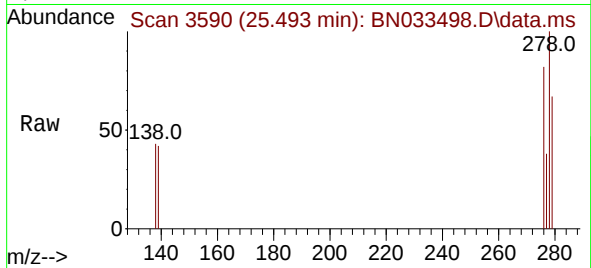
125 83.5 17.0 25.4#



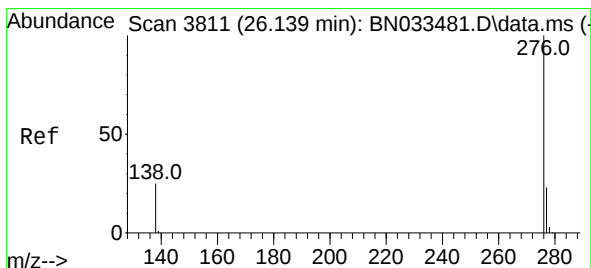
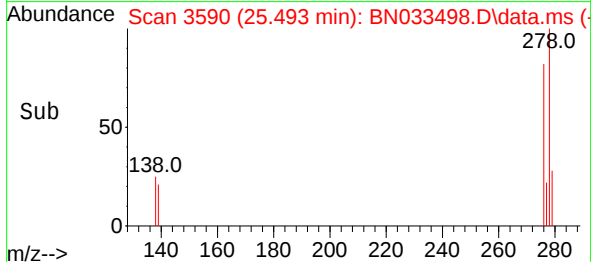
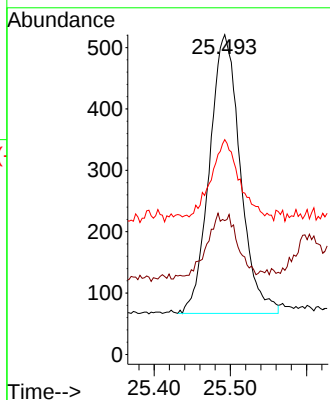


#40
Dibenzo(a,h)anthracene
Concen: 0.029 ng
RT: 25.493 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 1272
Ion Ratio Lower Upper
278 100
139 41.8 19.1 28.7#
279 67.2 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 26.130 min Scan# 3808
Delta R.T. -0.009 min
Lab File: BN033498.D
Acq: 20 Aug 2024 10:22

Tgt Ion:276 Resp: 1346
Ion Ratio Lower Upper
276 100
277 43.2 19.7 29.5#
138 43.0 21.8 32.6#

