

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033501.D
 Acq On : 20 Aug 2024 12:11
 Operator : MA/JU
 Sample : P3657-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 20 12:37:36 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)

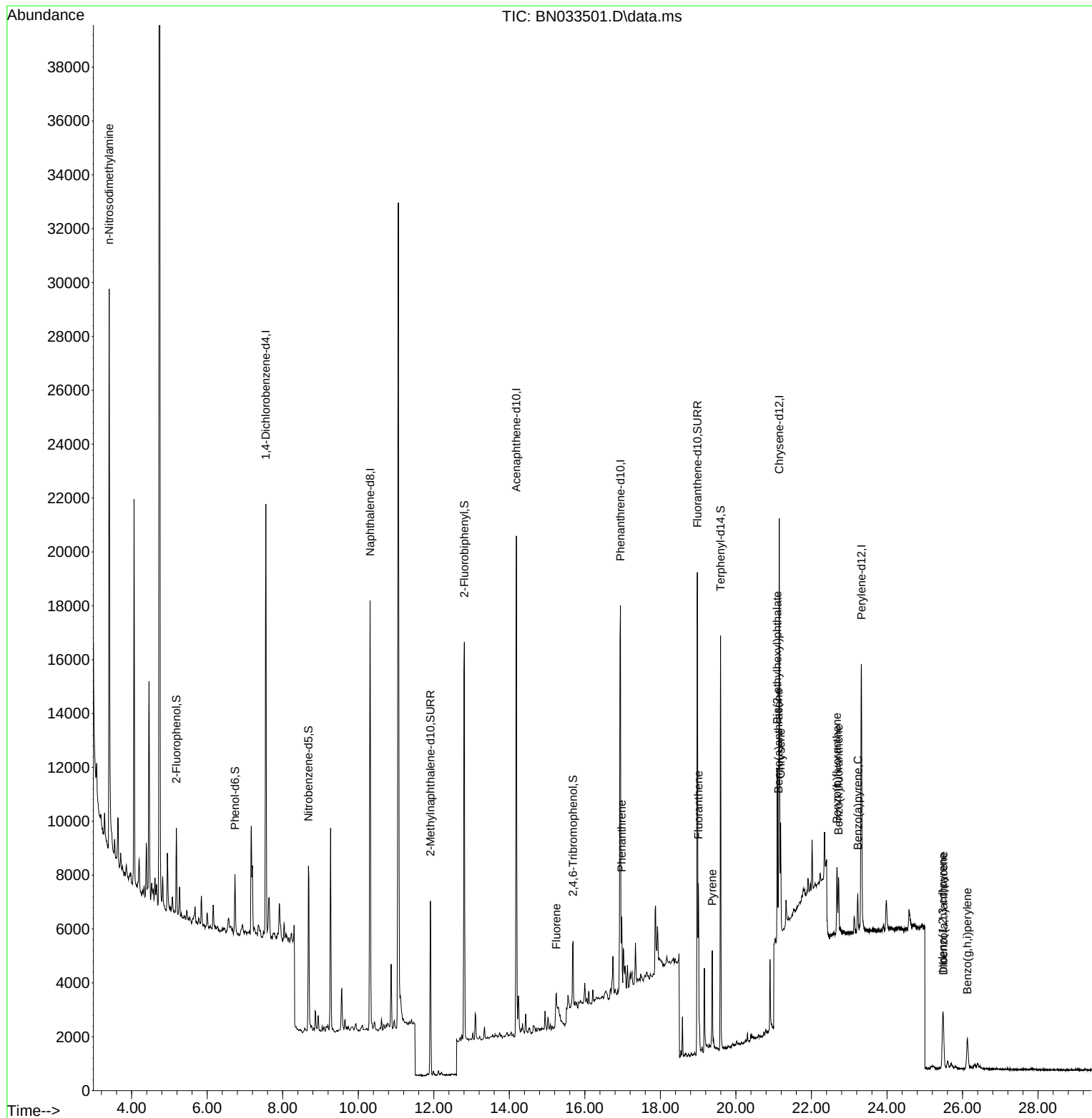
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7404	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19943	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	10386	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	20955	0.400	ng	0.00
29) Chrysene-d12	21.148	240	13076	0.400	ng	0.00
35) Perylene-d12	23.323	264	12675	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2310	0.098	ng	0.00
5) Phenol-d6	6.736	99	1687	0.060	ng	0.00
8) Nitrobenzene-d5	8.681	82	4847	0.293	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	8808	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1526	0.273	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	13260	0.313	ng	0.00
27) Fluoranthene-d10	18.979	212	18652	0.370	ng	0.00
31) Terphenyl-d14	19.593	244	13637	0.459	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.406	42	3440	0.347	ng	# 1
18) Fluorene	15.247	166	3251	0.081	ng	# 23
25) Phenanthrene	16.979	178	2812	0.048	ng	98
28) Fluoranthene	19.007	202	5344	0.083	ng	99
30) Pyrene	19.374	202	3196	0.055	ng	# 94
32) Benzo(a)anthracene	21.130	228	2216	0.047	ng	# 86
33) Chrysene	21.184	228	3366	0.072	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.094	149	6278	0.210	ng	95
36) Indeno(1,2,3-cd)pyrene	25.475	276	2532	0.048	ng	99
37) Benzo(b)fluoranthene	22.677	252	3187	0.067	ng	# 49
38) Benzo(k)fluoranthene	22.721	252	2293	0.049	ng	# 27
39) Benzo(a)pyrene	23.227	252	1783	0.046	ng	# 24
40) Dibenzo(a,h)anthracene	25.495	278	1695	0.040	ng	# 53
41) Benzo(g,h,i)perylene	26.130	276	2244	0.050	ng	# 74

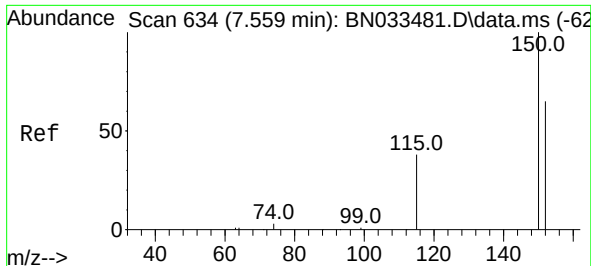
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033501.D
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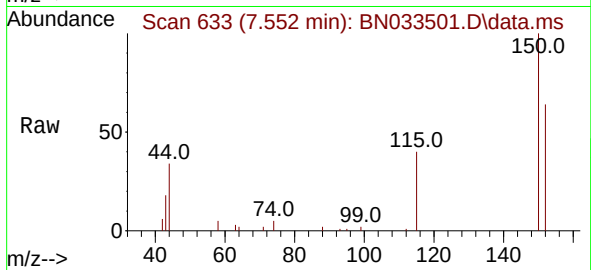
Quant Time: Aug 20 12:37:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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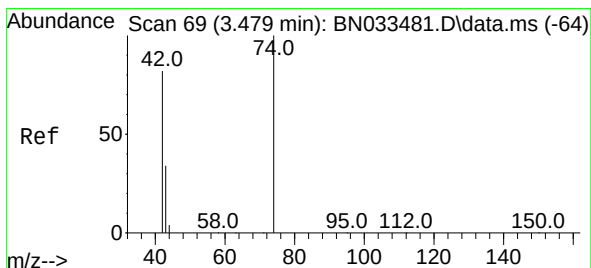
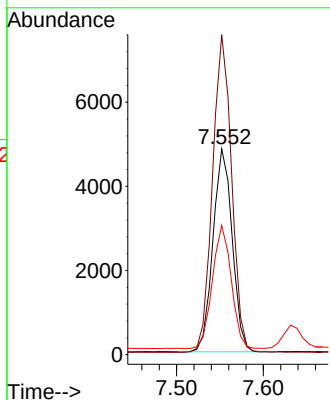
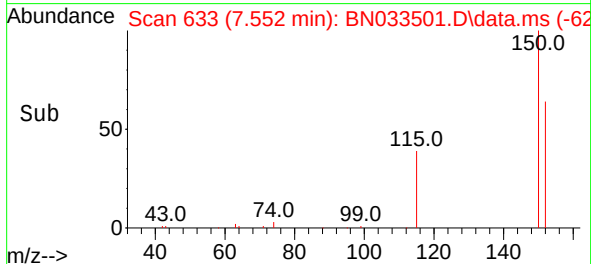


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Instrument :
BNA_N
ClientSampleId :

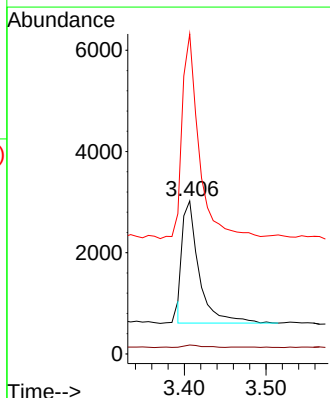
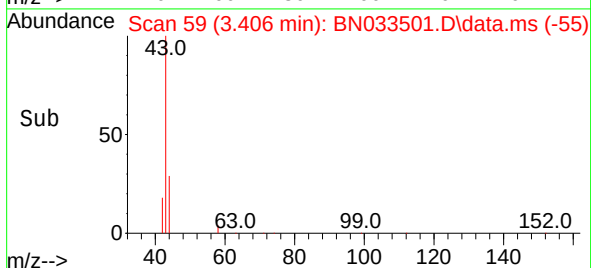
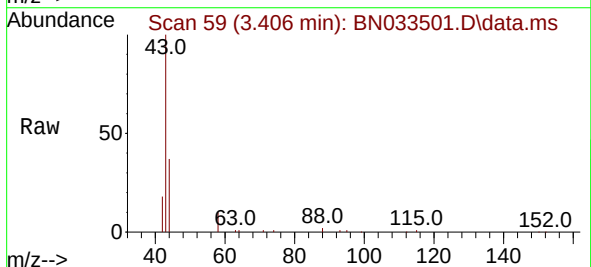


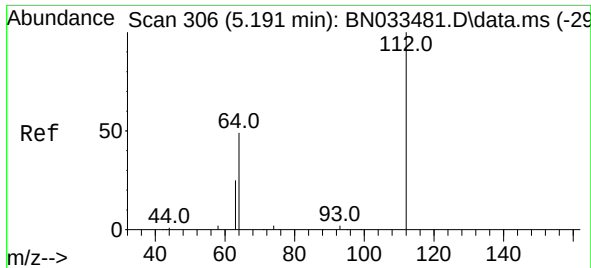
Tgt Ion:152 Resp: 7404
Ion Ratio Lower Upper
152 100
150 155.6 122.2 183.2
115 62.8 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.406 min Scan# 59
Delta R.T. -0.072 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion: 42 Resp: 3440
Ion Ratio Lower Upper
42 100
74 1.9 100.2 150.2#
44 156.2 5.3 7.9#

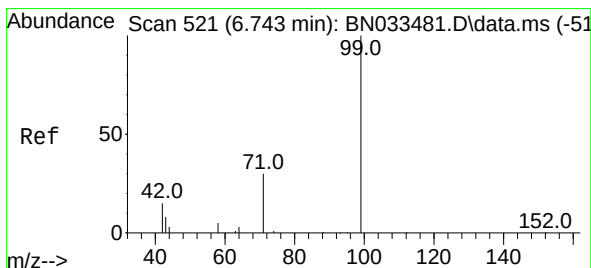
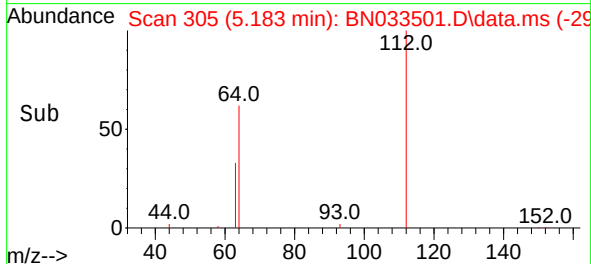
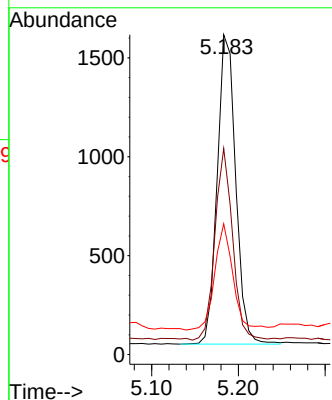
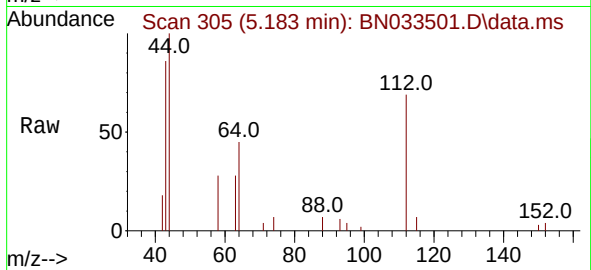




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

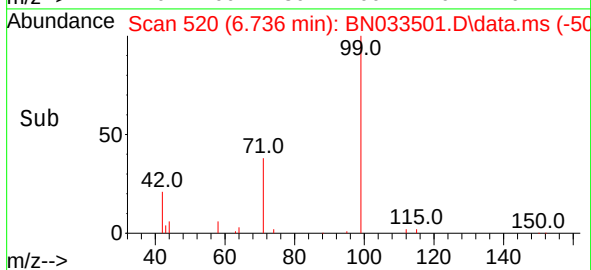
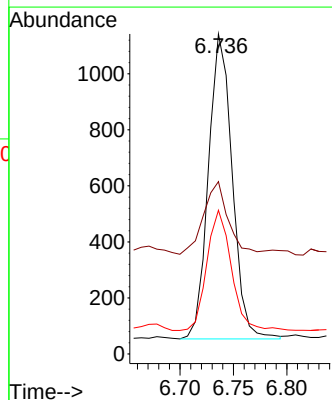
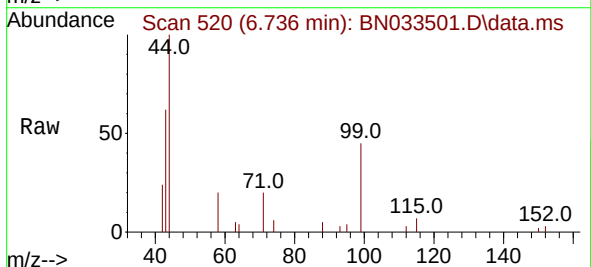
Instrument :
BNA_N
ClientSampleId :

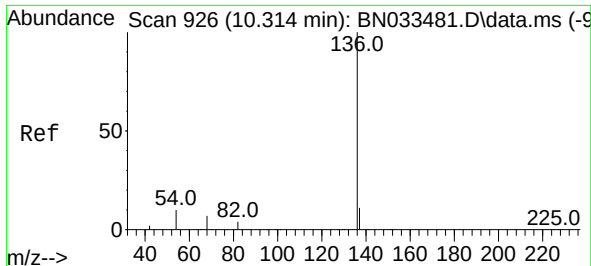
Tgt Ion:112 Resp: 2310
Ion Ratio Lower Upper
112 100
64 59.1 47.1 70.7
63 33.9 24.9 37.3



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion: 99 Resp: 1687
Ion Ratio Lower Upper
99 100
42 24.4 16.6 24.8
71 40.7 26.2 39.4#

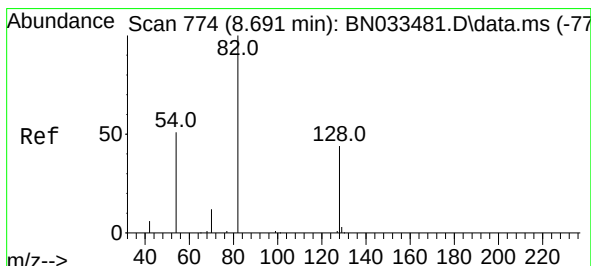
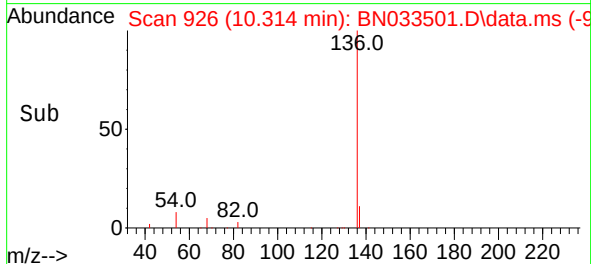
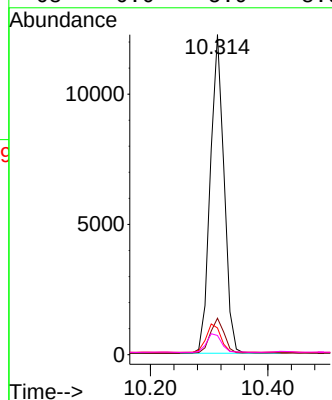
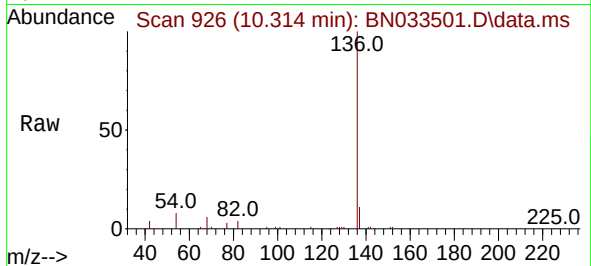




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

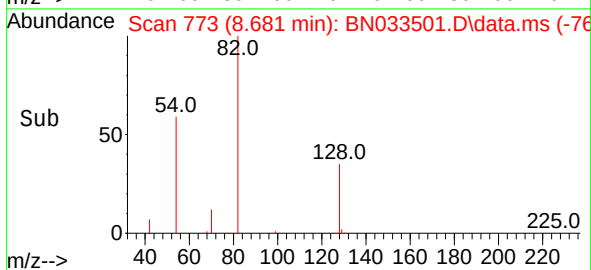
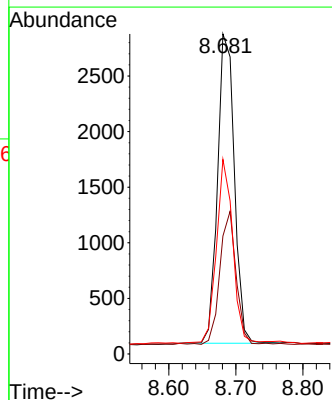
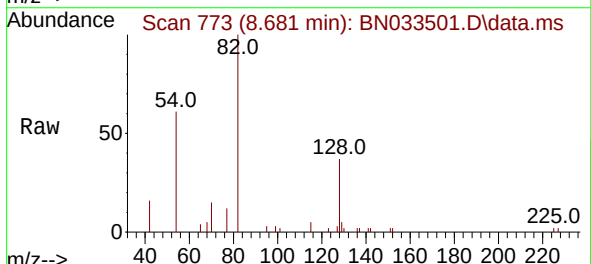
Instrument :
BNA_N
ClientSampleId :

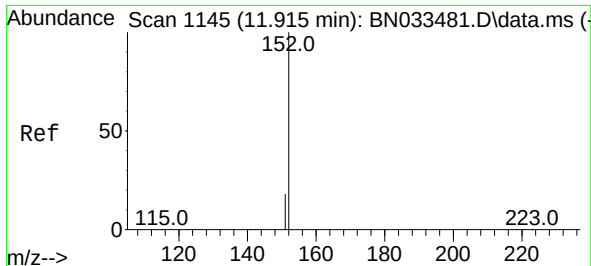
Tgt Ion:136	Resp:	19943
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	8.4	8.3 12.5
68	6.0	5.9 8.9



#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

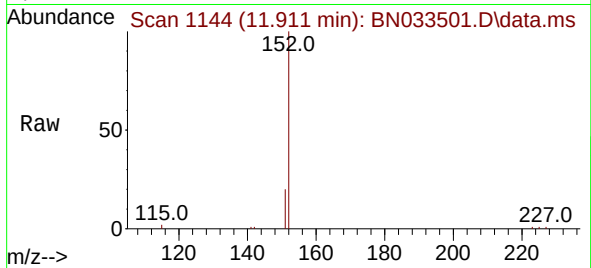
Tgt Ion: 82	Resp:	4847
Ion Ratio	Lower	Upper
82	100	
128	36.9	36.0 54.0
54	60.8	42.0 63.0



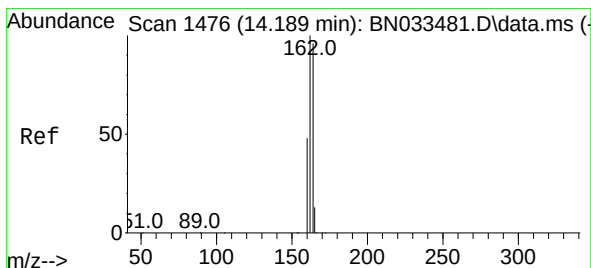
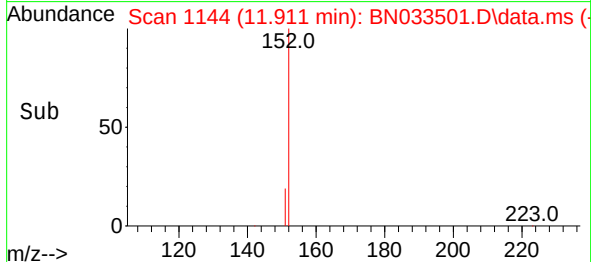
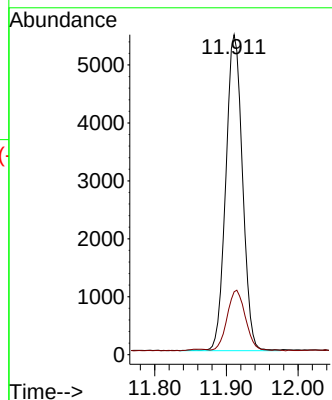


#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Instrument :
BNA_N
ClientSampleId :

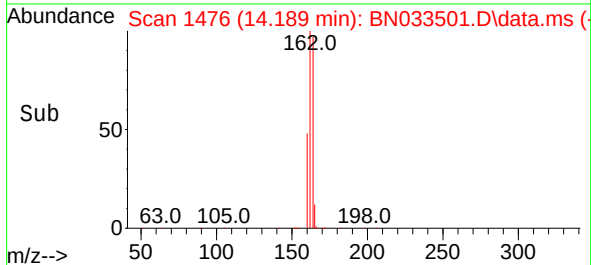
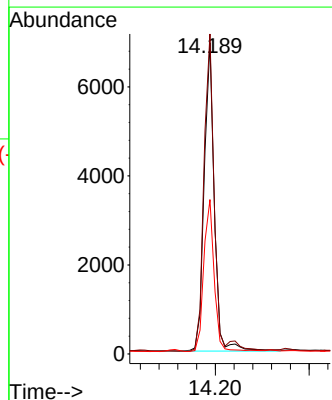
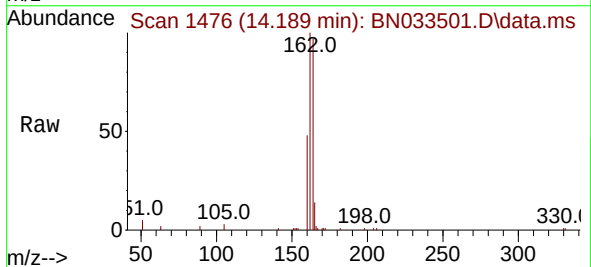


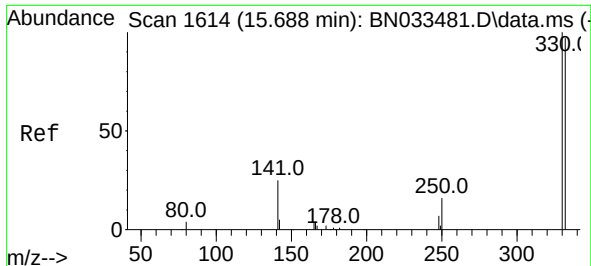
Tgt Ion:152 Resp: 8808
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

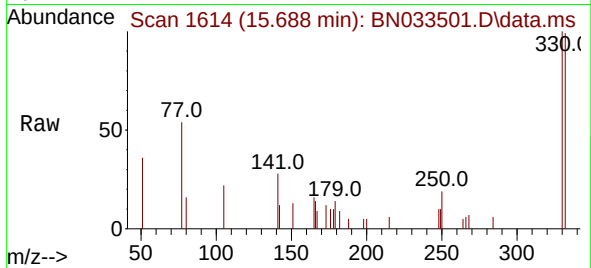
Tgt Ion:164 Resp: 10386
Ion Ratio Lower Upper
164 100
162 102.8 83.5 125.3
160 49.6 40.2 60.4



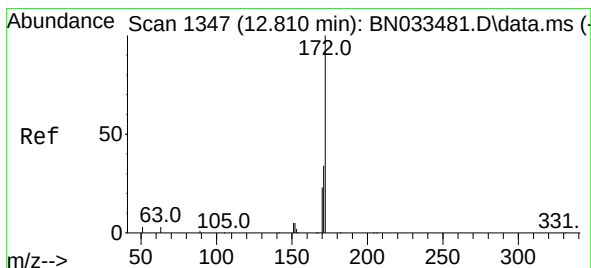
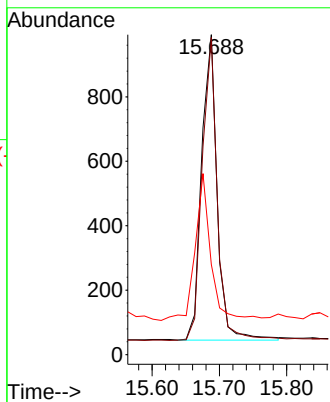
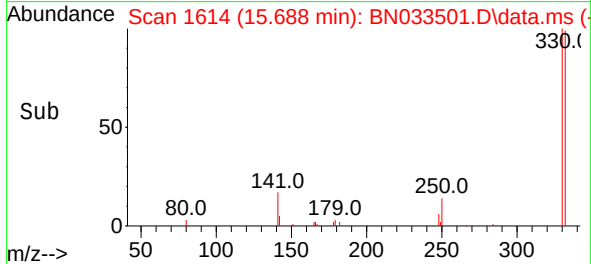


#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

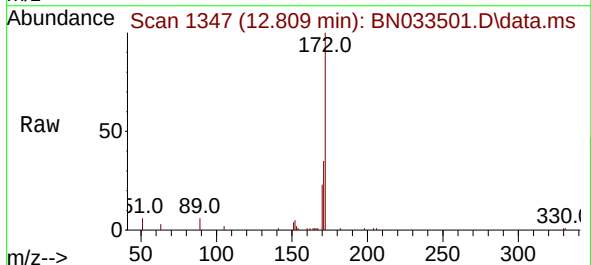
Instrument :
BNA_N
ClientSampleId :



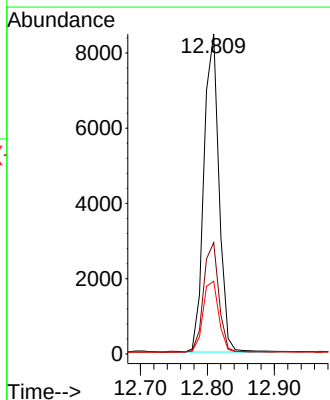
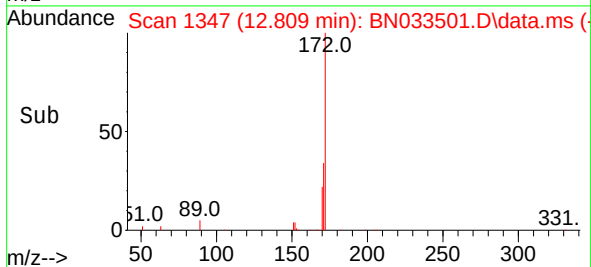
Tgt Ion:330 Resp: 1526
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 48.2 33.9 50.9

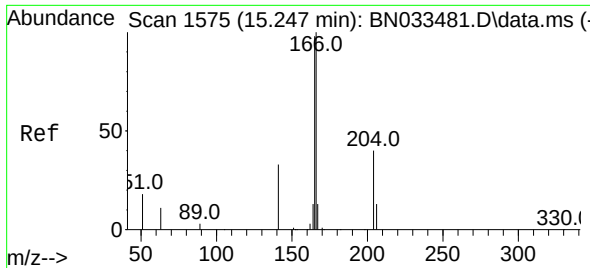


#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11



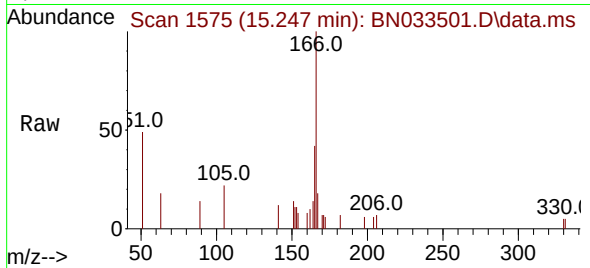
Tgt Ion:172 Resp: 13260
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 22.7 18.3 27.5



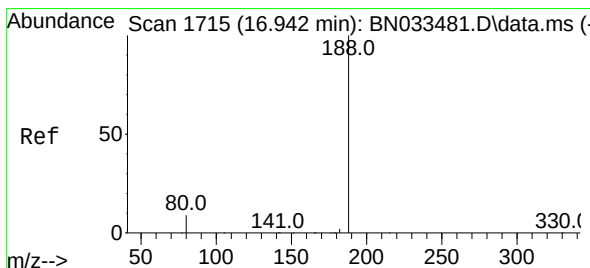
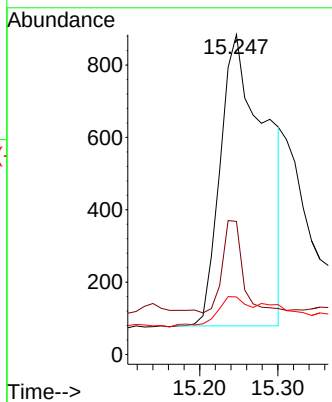
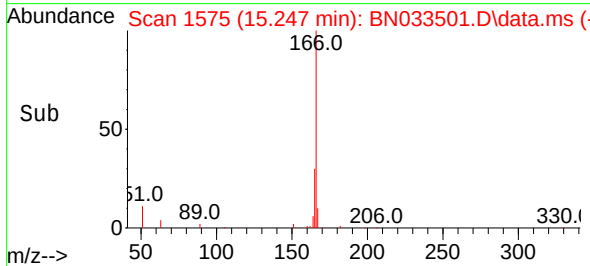


#18
 Fluorene
 Concen: 0.081 ng
 RT: 15.247 min Scan# 1575
 Delta R.T. -0.000 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

Instrument :
 BNA_N
 ClientSampleId :

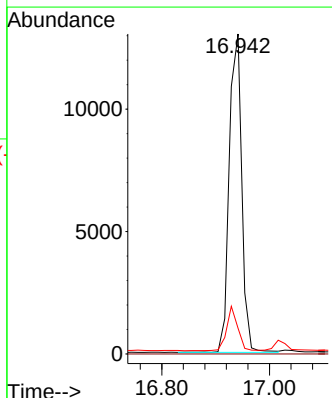
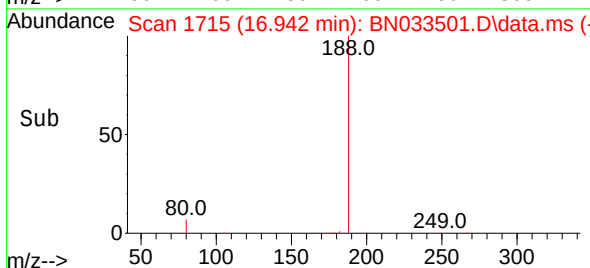
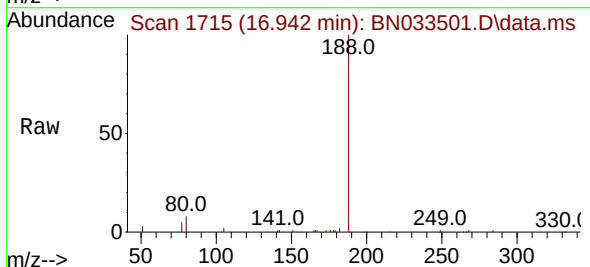


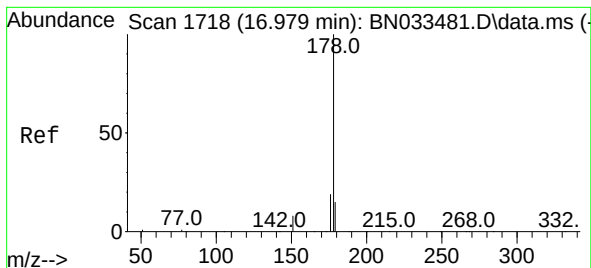
Tgt Ion:166 Resp: 3251
 Ion Ratio Lower Upper
 166 100
 165 14.3 78.2 117.4#
 167 6.2 10.6 16.0#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.942 min Scan# 1715
 Delta R.T. -0.000 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

Tgt Ion:188 Resp: 20955
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.1 7.8 11.8





#25

Phenanthrene

Concen: 0.048 ng

RT: 16.979 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

Instrument :

BNA_N

ClientSampleId :

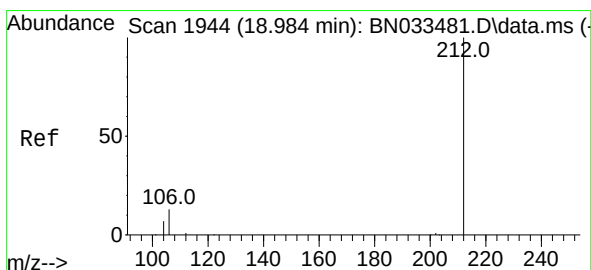
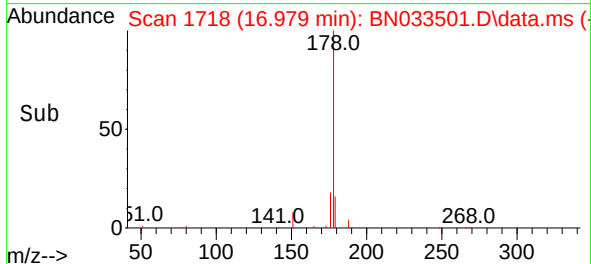
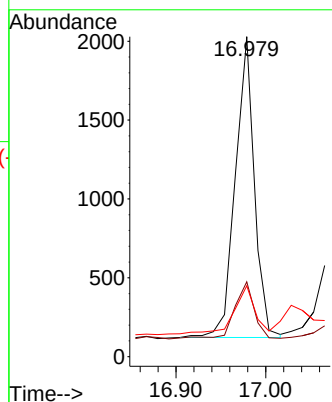
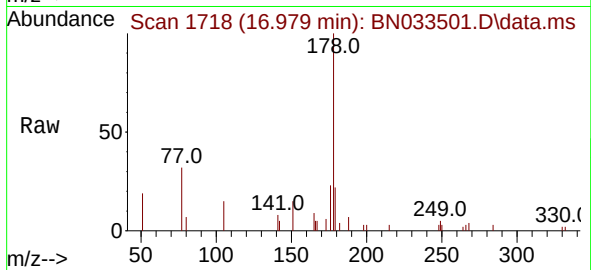
Tgt Ion:178 Resp: 2812

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 17.0 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.370 ng

RT: 18.979 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

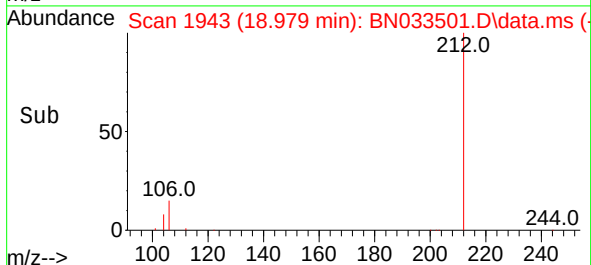
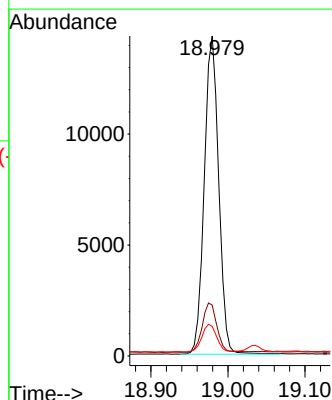
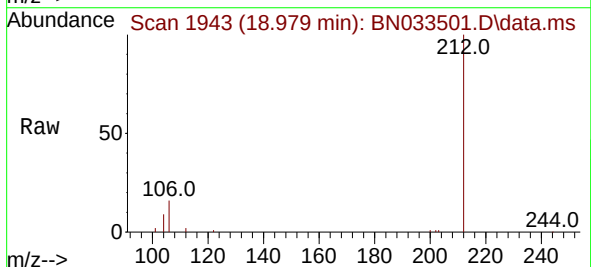
Tgt Ion:212 Resp: 18652

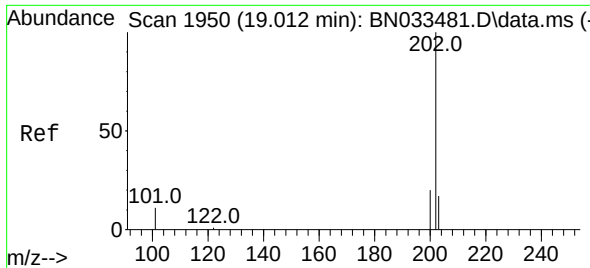
Ion Ratio Lower Upper

212 100

106 15.8 12.3 18.5

104 8.9 7.0 10.4

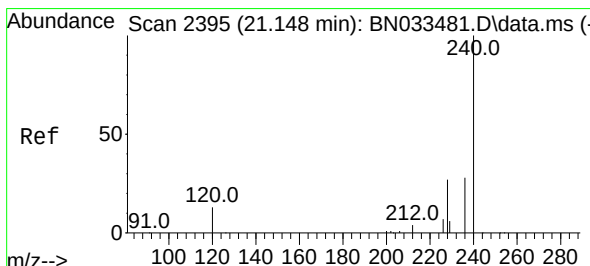
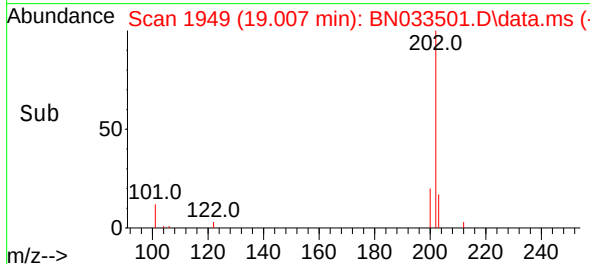
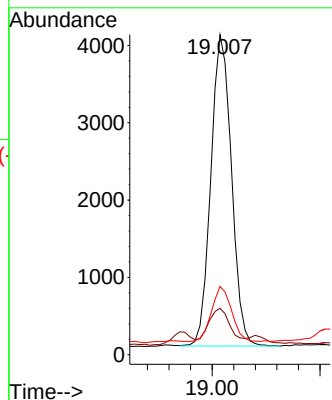
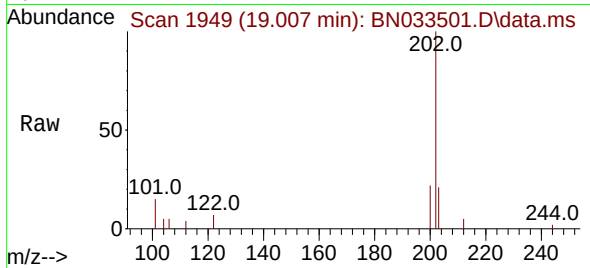




#28
Fluoranthene
Concen: 0.083 ng
RT: 19.007 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

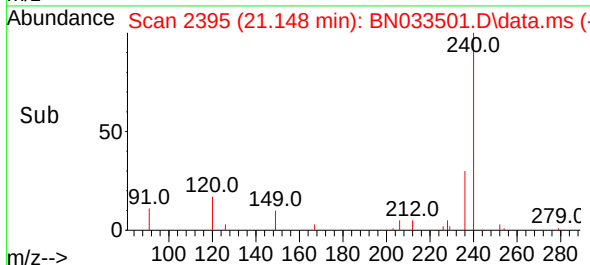
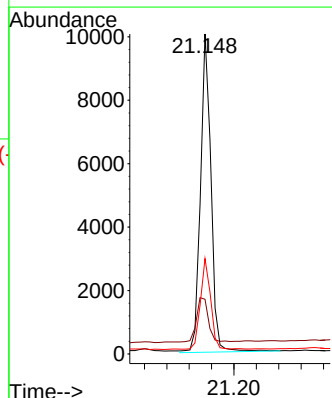
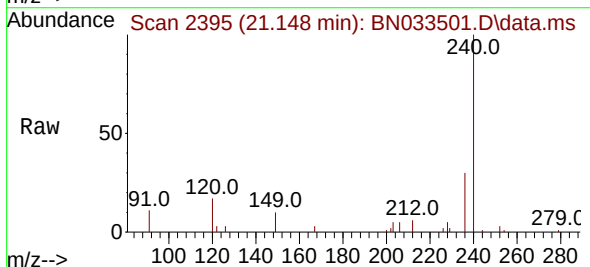
Instrument :
BNA_N
ClientSampleId :

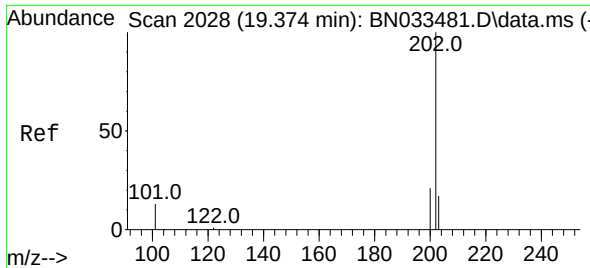
Tgt Ion:202 Resp: 5344
Ion Ratio Lower Upper
202 100
101 12.3 9.5 14.3
203 17.4 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:240 Resp: 13076
Ion Ratio Lower Upper
240 100
120 17.1 12.4 18.6
236 29.8 23.0 34.6

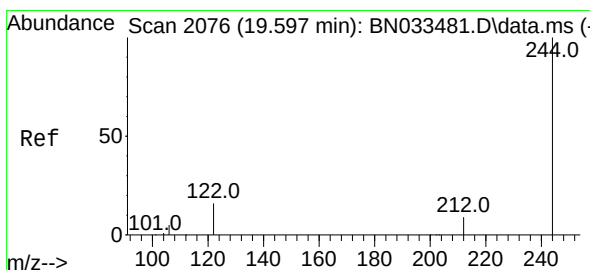
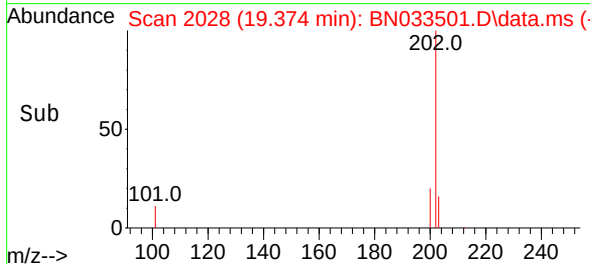
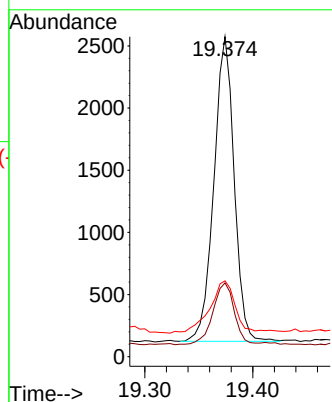
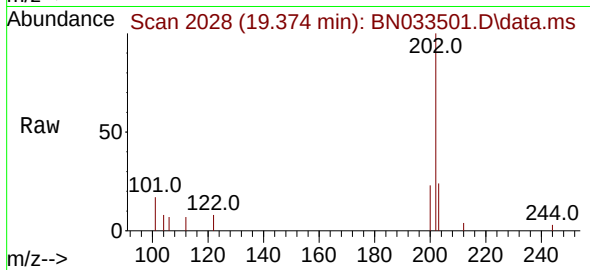




#30
Pyrene
Concen: 0.055 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

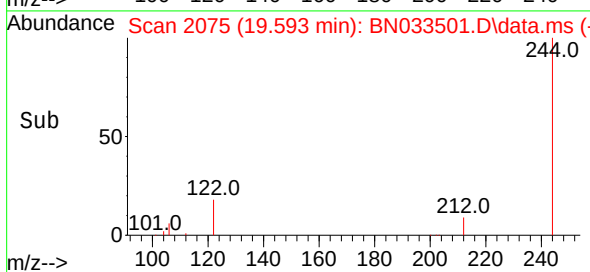
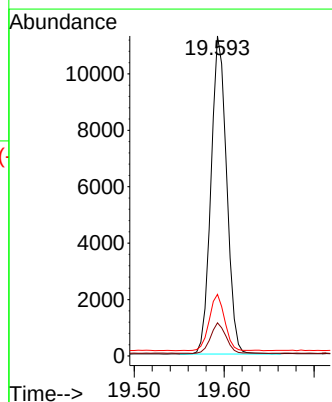
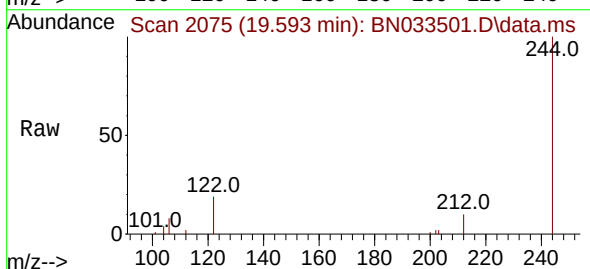
Instrument :
BNA_N
ClientSampleId :

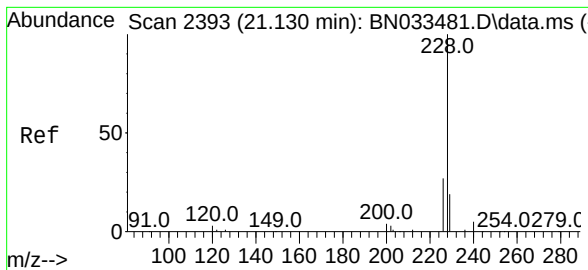
Tgt Ion:202 Resp: 3196
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 22.3 14.2 21.4#



#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:244 Resp: 13637
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 19.3 13.3 19.9





#32

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.130 min Scan# 2393

Delta R.T. -0.000 min

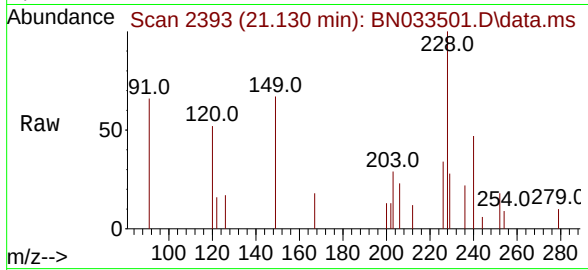
Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

Instrument :

BNA_N

ClientSampleId :



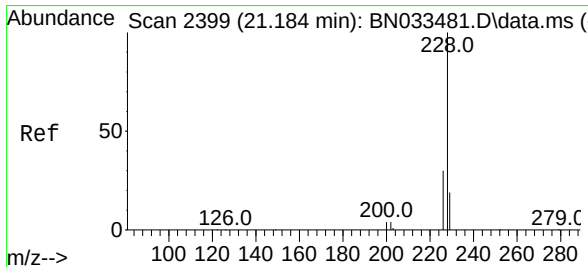
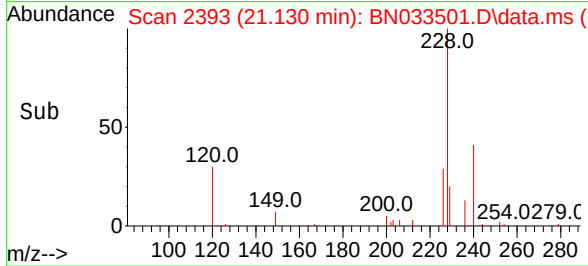
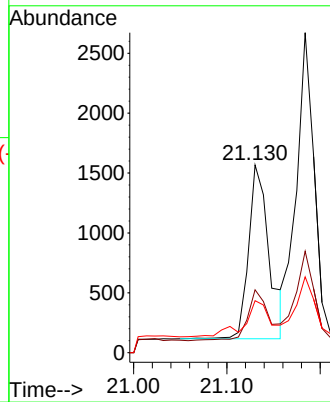
Tgt Ion:228 Resp: 2216

Ion Ratio Lower Upper

228 100

226 33.5 21.8 32.6#

229 27.7 15.8 23.6#



#33

Chrysene

Concen: 0.072 ng

RT: 21.184 min Scan# 2399

Delta R.T. -0.000 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

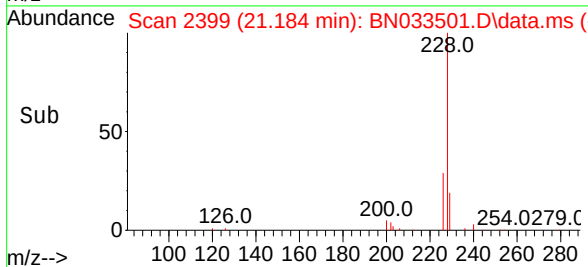
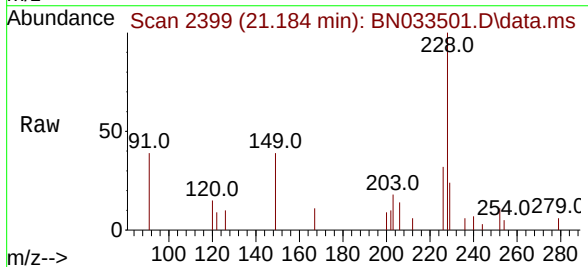
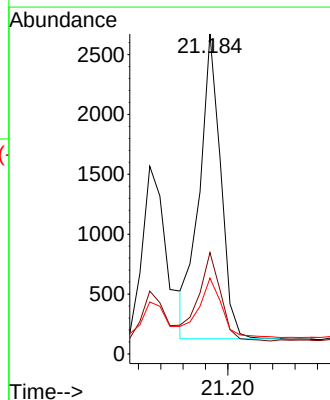
Tgt Ion:228 Resp: 3366

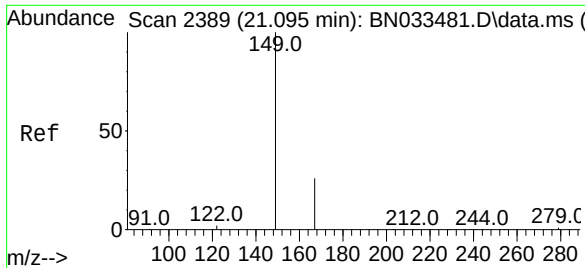
Ion Ratio Lower Upper

228 100

226 31.7 23.8 35.8

229 23.7 15.6 23.4#

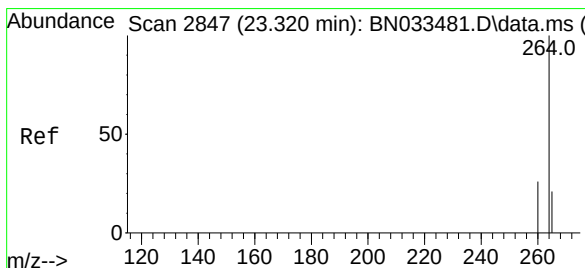
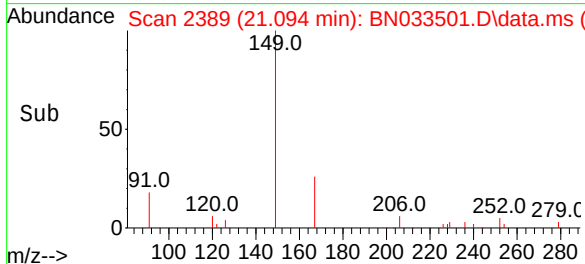
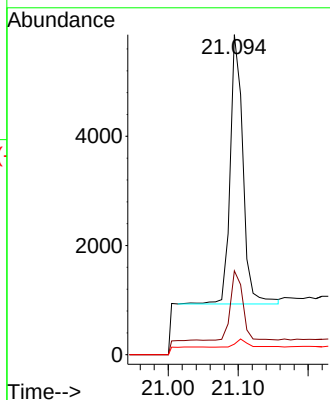
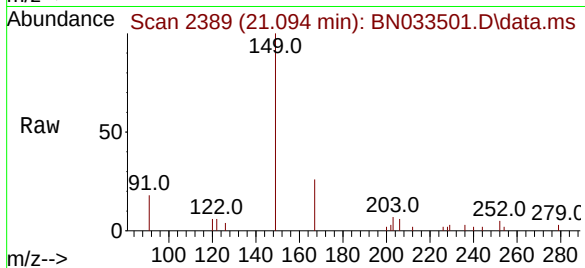




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.210 ng
 RT: 21.094 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

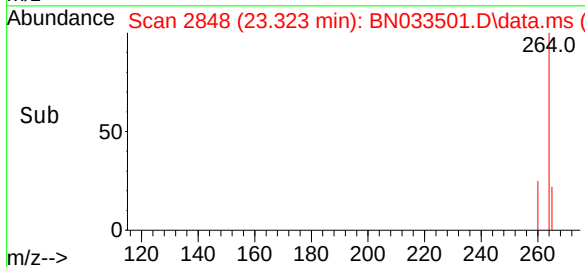
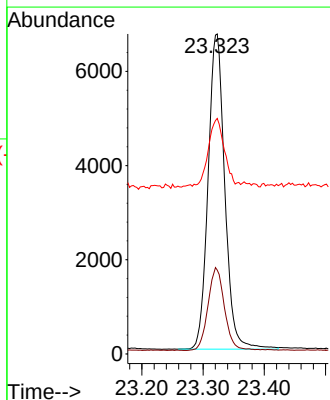
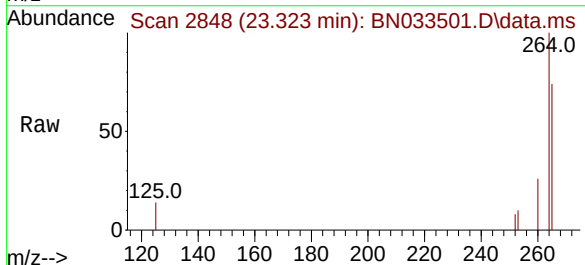
Instrument :
 BNA_N
 ClientSampleId :

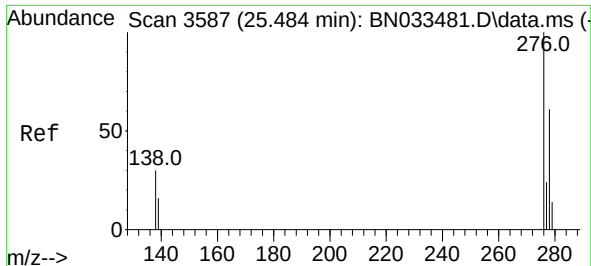
Tgt Ion:149 Resp: 6278
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.5 32.3
 279 2.4 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.323 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: BN033501.D
 Acq: 20 Aug 2024 12:11

Tgt Ion:264 Resp: 12675
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.8 31.2
 265 73.6 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.048 ng

RT: 25.475 min Scan# 3587

Delta R.T. -0.009 min

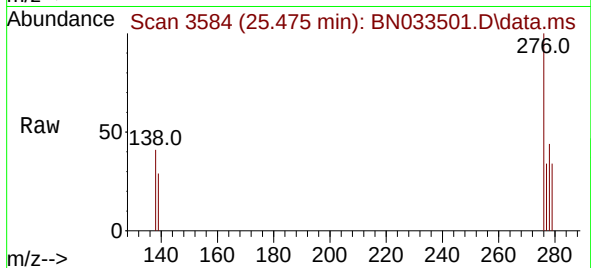
Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

Instrument :

BNA_N

ClientSampleId :



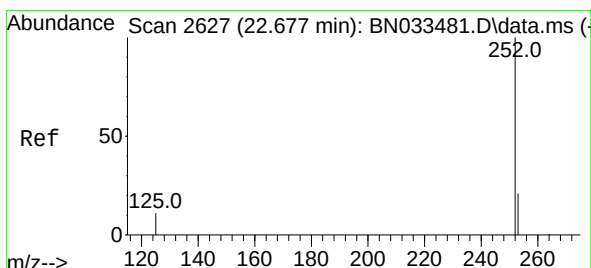
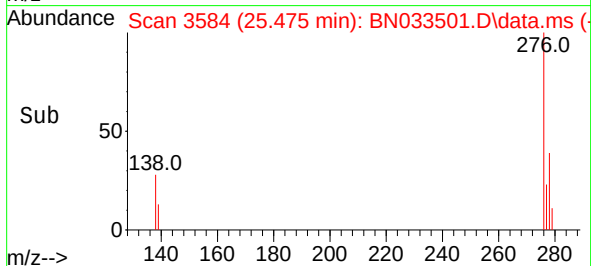
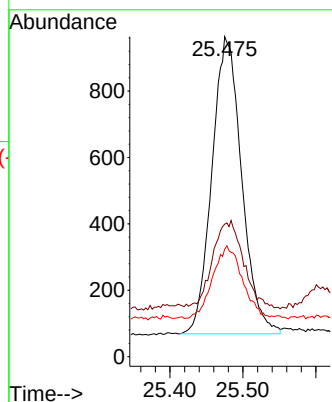
Tgt Ion:276 Resp: 2532

Ion Ratio Lower Upper

276 100

138 31.0 24.4 36.6

277 24.1 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 0.067 ng

RT: 22.677 min Scan# 2627

Delta R.T. -0.000 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

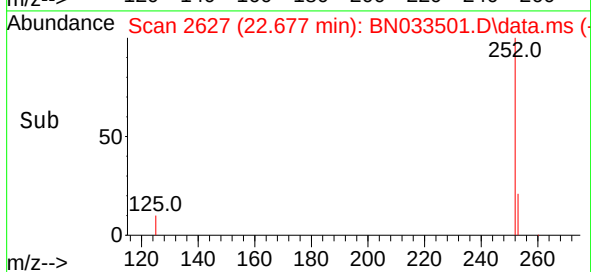
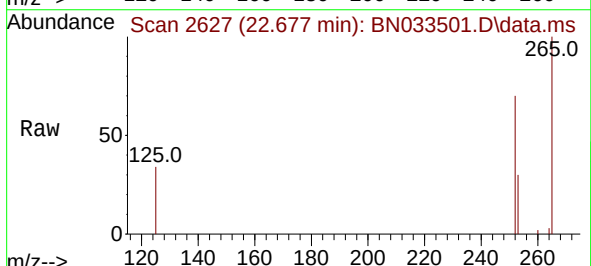
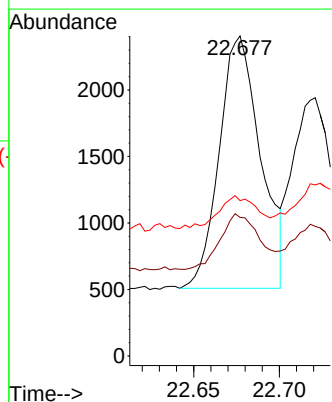
Tgt Ion:252 Resp: 3187

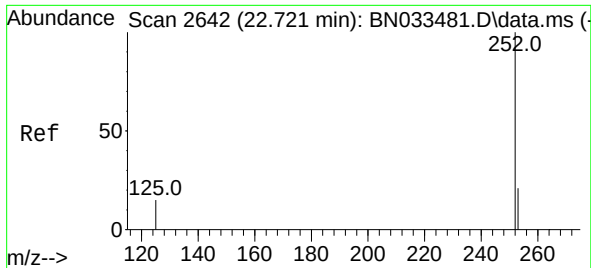
Ion Ratio Lower Upper

252 100

253 43.3 19.8 29.8#

125 48.5 13.9 20.9#





#38

Benzo(k)fluoranthene

Concen: 0.049 ng

RT: 22.721 min Scan# 2642

Delta R.T. -0.000 min

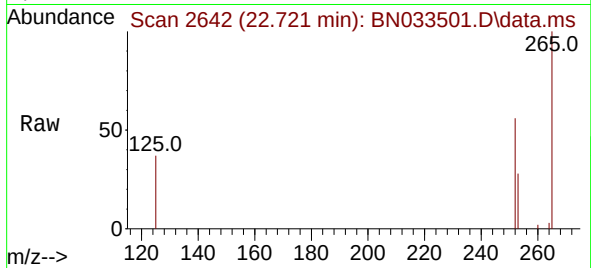
Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

Instrument :

BNA_N

ClientSampleId :



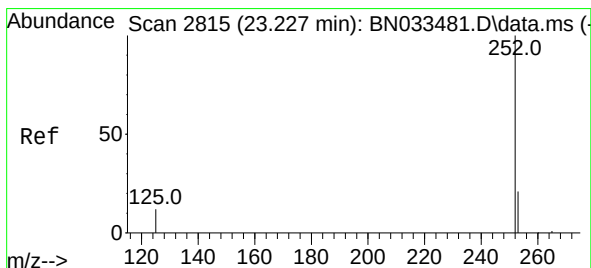
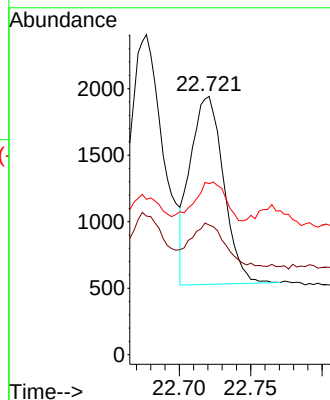
Tgt Ion:252 Resp: 2293

Ion Ratio Lower Upper

252 100

253 50.2 19.8 29.8#

125 66.2 15.8 23.8#



#39

Benzo(a)pyrene

Concen: 0.046 ng

RT: 23.227 min Scan# 2815

Delta R.T. -0.000 min

Lab File: BN033501.D

Acq: 20 Aug 2024 12:11

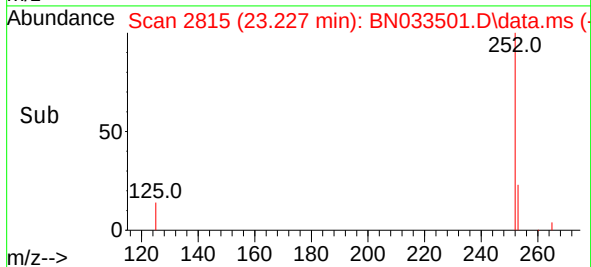
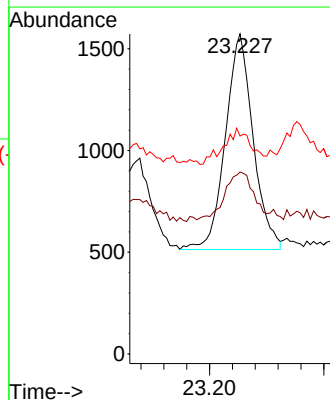
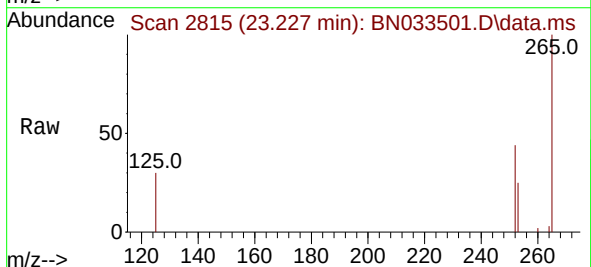
Tgt Ion:252 Resp: 1783

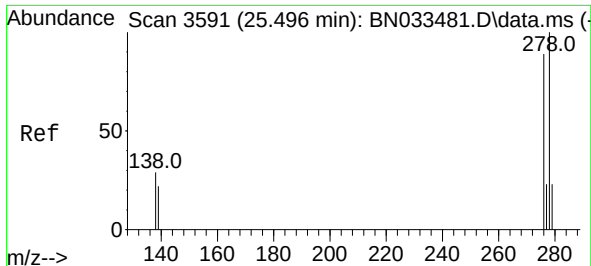
Ion Ratio Lower Upper

252 100

253 56.8 21.5 32.3#

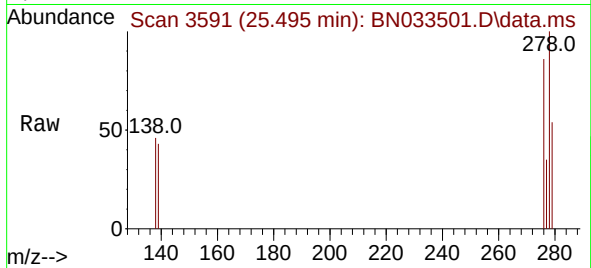
125 68.1 17.0 25.4#



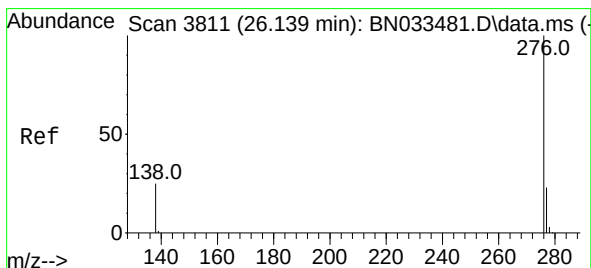
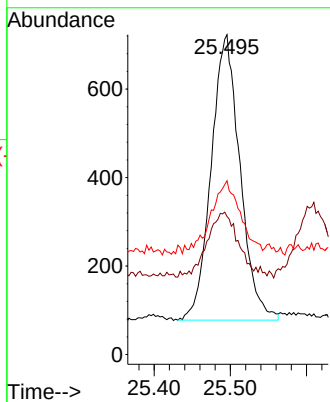
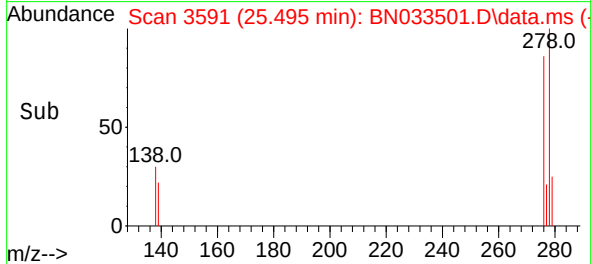


#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 25.495 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 1695
Ion Ratio Lower Upper
278 100
139 43.2 19.1 28.7#
279 54.4 21.0 31.4#



#41
Benzo(g,h,i)perylene
Concen: 0.050 ng
RT: 26.130 min Scan# 3808
Delta R.T. -0.009 min
Lab File: BN033501.D
Acq: 20 Aug 2024 12:11

Tgt Ion:276 Resp: 2244
Ion Ratio Lower Upper
276 100
277 36.5 19.7 29.5#
138 41.6 21.8 32.6#

