

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033213.D
 Acq On : 02 Aug 2024 22:12
 Operator : MA/JU
 Sample : PB162424BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162424BL

Quant Time: Aug 03 01:10:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

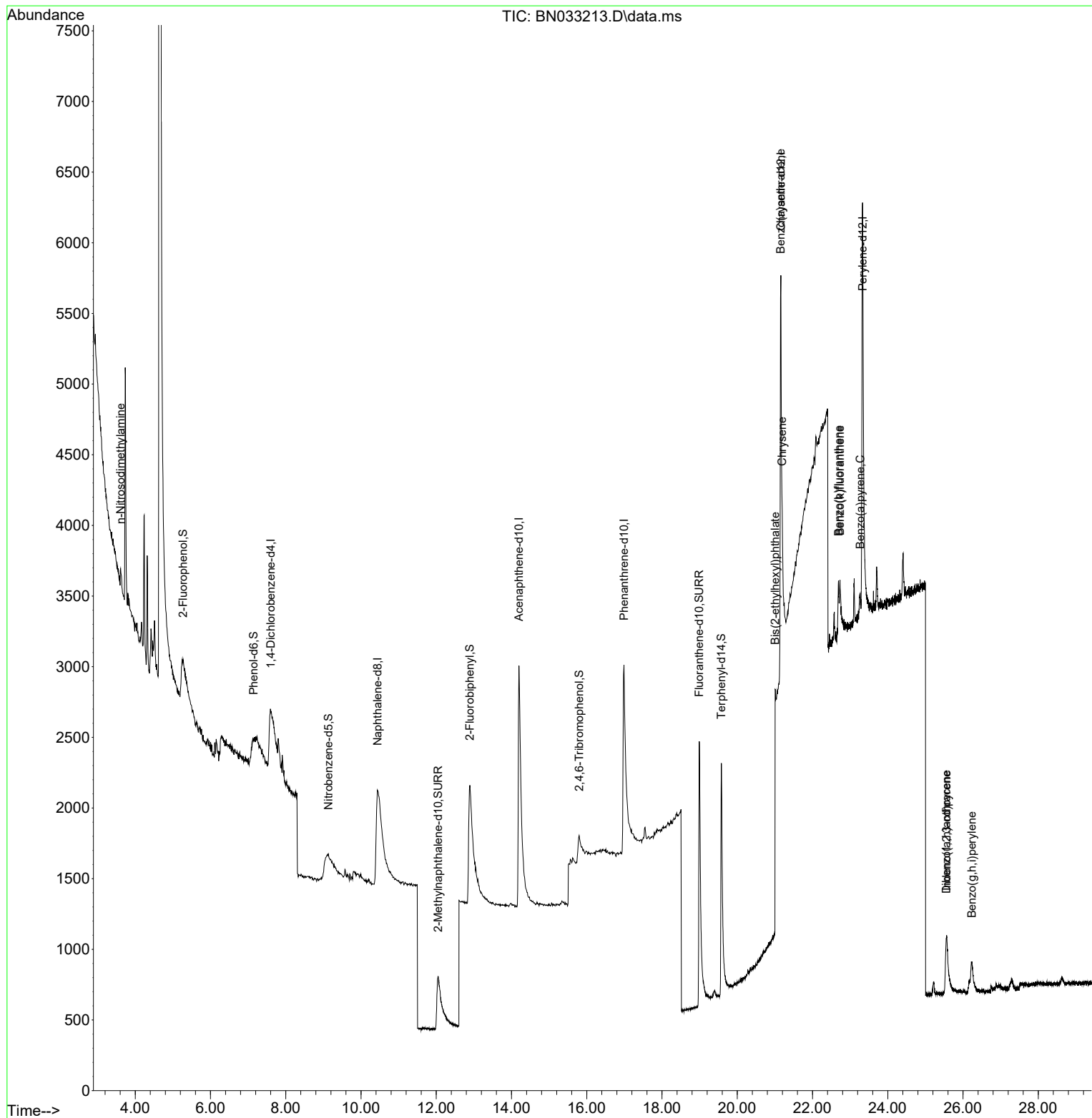
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	916	0.400	ng	# 0.10
7) Naphthalene-d8	10.436	136	5243	0.400	ng	# 0.15
13) Acenaphthene-d10	14.197	164	3137	0.400	ng	0.06
19) Phenanthrene-d10	16.989	188	5766	0.400	ng	# 0.07
29) Chrysene-d12	21.158	240	5074	0.400	ng	0.02
35) Perylene-d12	23.330	264	6136	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.271	112	1222	0.527	ng	0.03
5) Phenol-d6	7.149	99	487	0.169	ng	0.27
8) Nitrobenzene-d5	9.134	82	888	0.225	ng	0.32
11) 2-Methylnaphthalene-d10	12.045	152	2314	0.288	ng	0.14
14) 2,4,6-Tribromophenol	15.798	330	245	0.183	ng	0.08
15) 2-Fluorobiphenyl	12.893	172	3579	0.307	ng	0.10
27) Fluoranthene-d10	18.990	212	5036	0.338	ng	0.03
31) Terphenyl-d14	19.575	244	3828	0.368	ng	0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.610	42	34	0.035	ng	# 1
32) Benzo(a)anthracene	21.149	228	329	0.021	ng	# 47
33) Chrysene	21.194	228	663	0.035	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.006	149	1080	0.122	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.564	276	745	0.031	ng	# 71
37) Benzo(b)fluoranthene	22.690	252	564	0.026	ng	# 1
38) Benzo(k)fluoranthene	22.731	252	703	0.029	ng	# 1
39) Benzo(a)pyrene	23.266	252	391	0.020	ng	# 1
40) Dibenzo(a,h)anthracene	25.555	278	647	0.034	ng	# 1
41) Benzo(g,h,i)perylene	26.233	276	690	0.033	ng	# 31

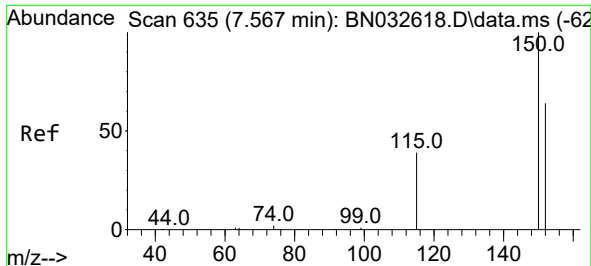
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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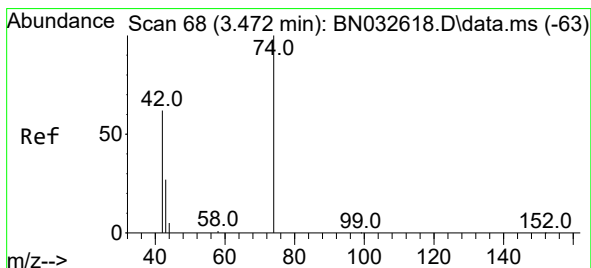
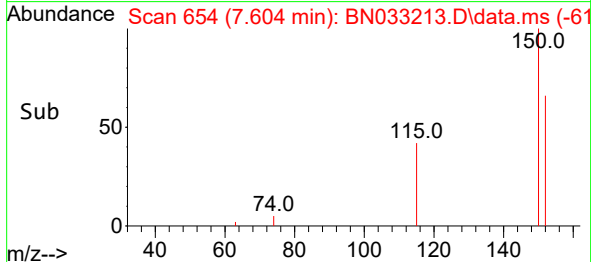
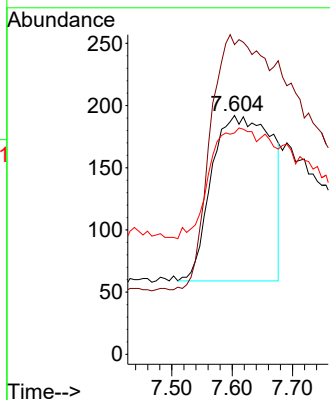
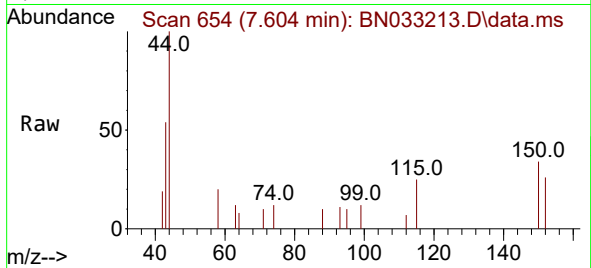




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.604 min Scan# 61
Delta R.T. 0.101 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

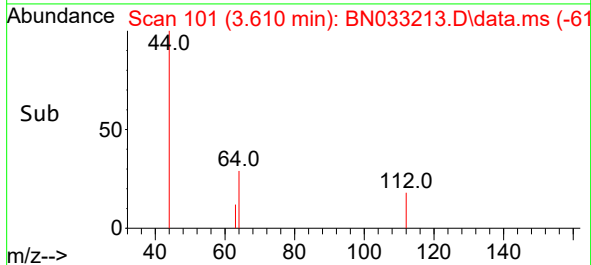
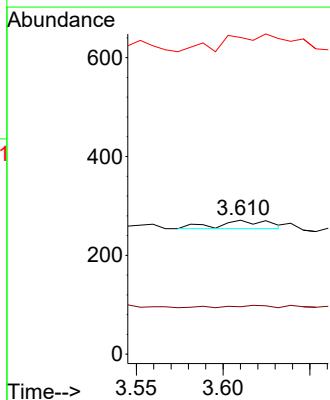
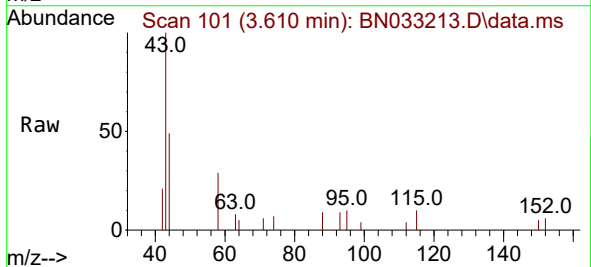
Instrument :
BNA_N
ClientSampleId :
PB162424BL

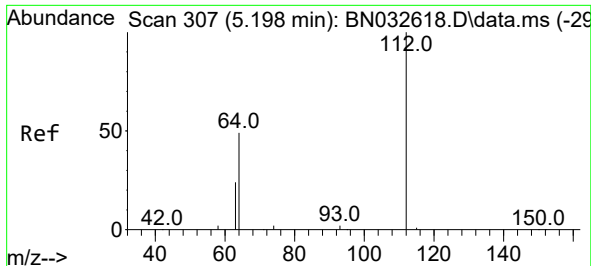
Tgt Ion:152 Resp: 916
Ion Ratio Lower Upper
152 100
150 129.7 123.8 185.6
115 92.7 52.8 79.2#



#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.610 min Scan# 101
Delta R.T. 0.137 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Tgt Ion: 42 Resp: 34
Ion Ratio Lower Upper
42 100
74 17.6 126.9 190.3#
44 144.1 4.8 7.2#

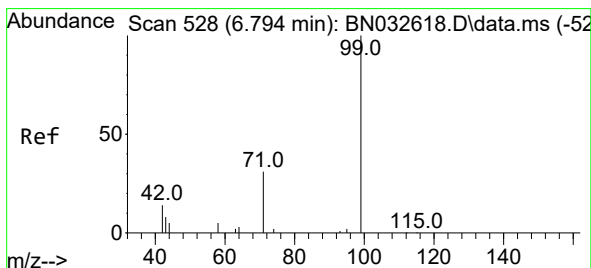
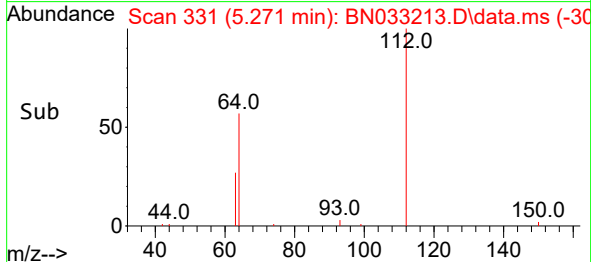
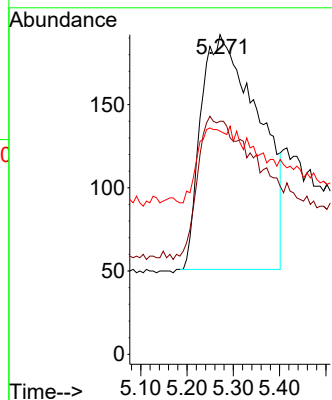
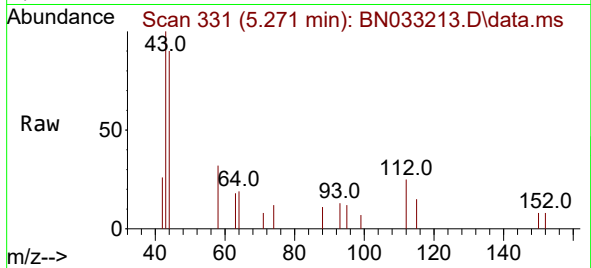




#4
2-Fluorophenol
Concen: 0.527 ng
RT: 5.271 min Scan# 311
Delta R.T. 0.029 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

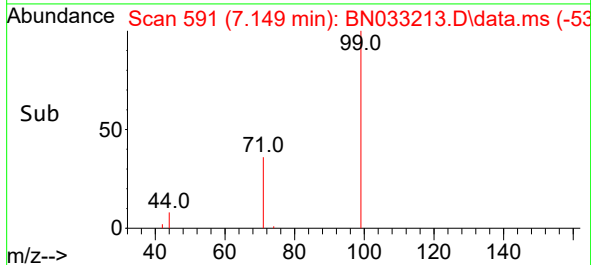
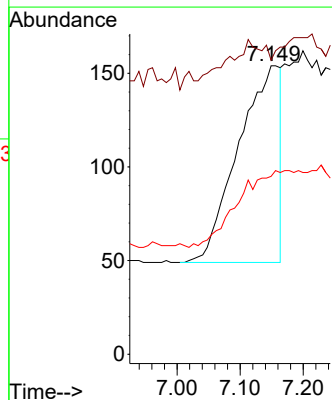
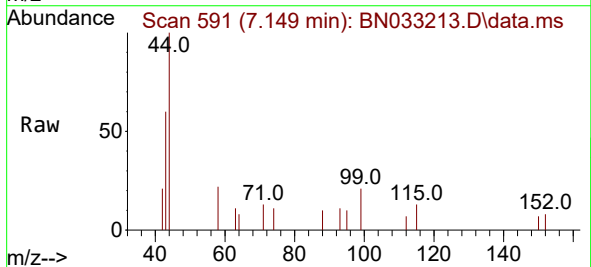
Instrument :
BNA_N
ClientSampleId :
PB162424BL

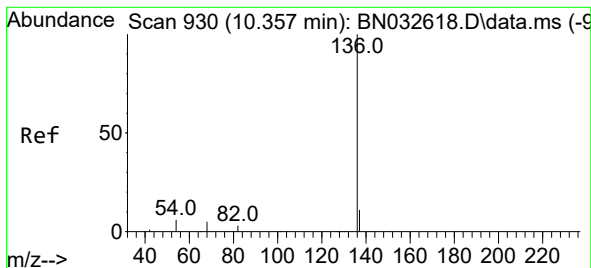
Tgt Ion:112 Resp: 1222
Ion Ratio Lower Upper
112 100
64 0.0 40.2 60.4#
63 0.0 22.2 33.4#



#5
Phenol-d6
Concen: 0.169 ng
RT: 7.149 min Scan# 591
Delta R.T. 0.267 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Tgt Ion: 99 Resp: 487
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 57.5 22.3 33.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.436 min Scan# 91

Delta R.T. 0.150 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

Instrument :

BNA_N

ClientSampleId :

PB162424BL

Tgt Ion:136 Resp: 5243

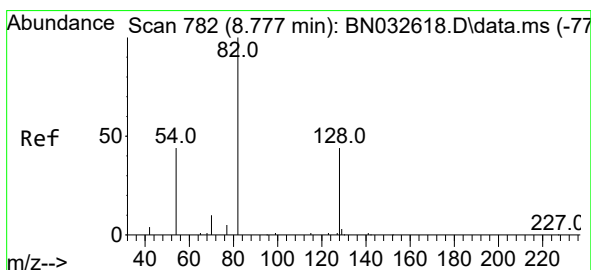
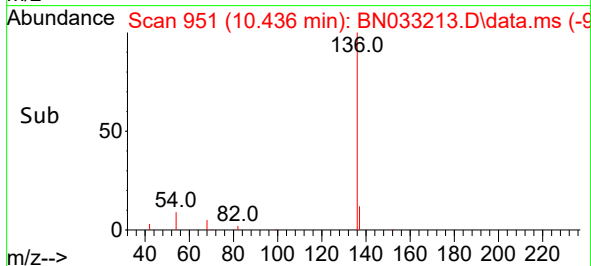
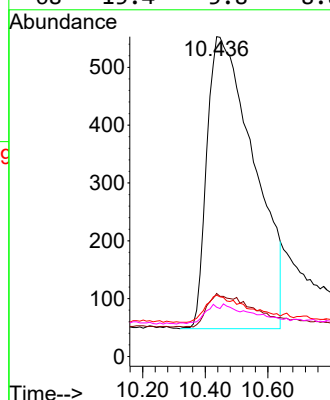
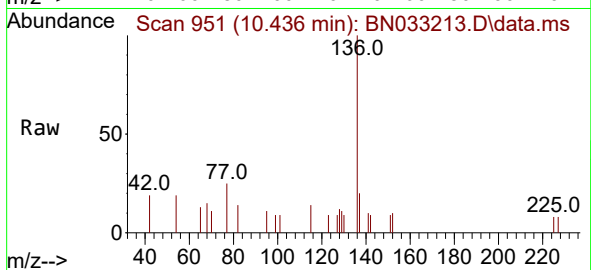
Ion Ratio Lower Upper

136 100

137 19.7 9.9 14.9#

54 19.2 6.5 9.7#

68 15.4 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.225 ng

RT: 9.134 min Scan# 829

Delta R.T. 0.320 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

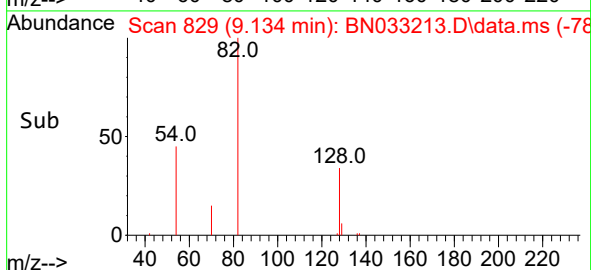
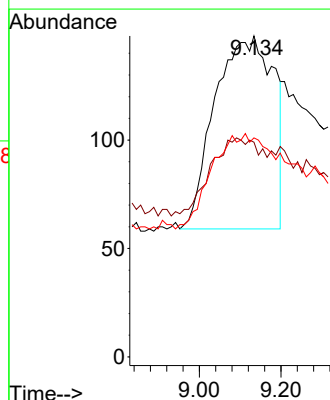
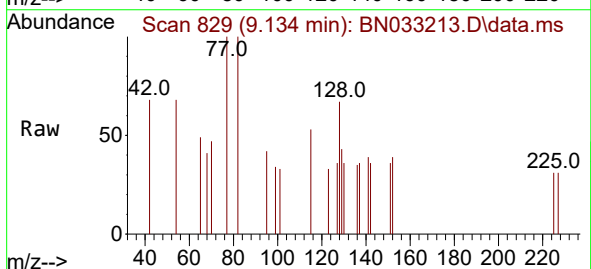
Tgt Ion: 82 Resp: 888

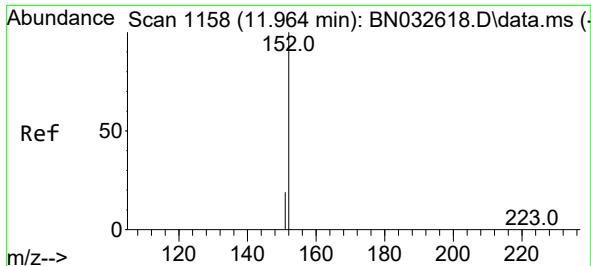
Ion Ratio Lower Upper

82 100

128 66.9 41.7 62.5#

54 68.2 39.5 59.3#

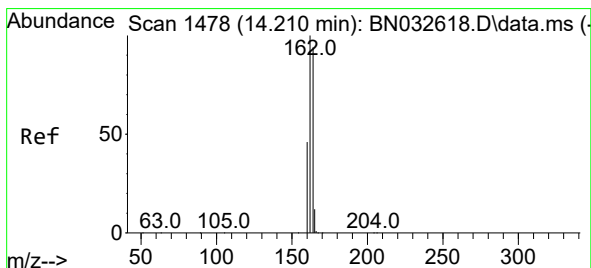
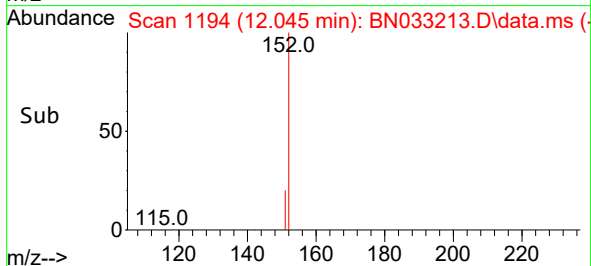
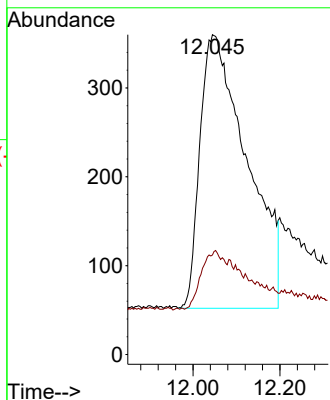
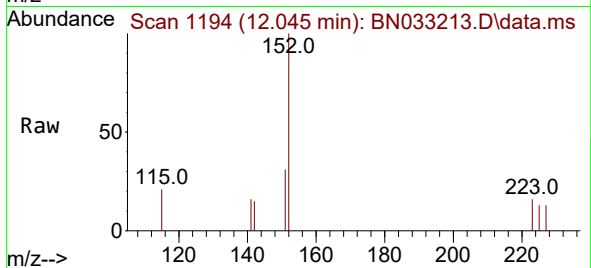




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.045 min Scan# 1158
Delta R.T. 0.144 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

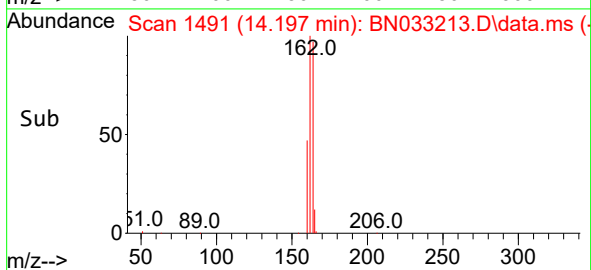
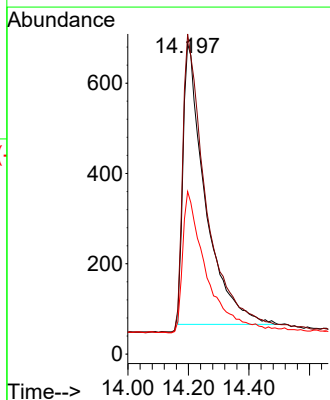
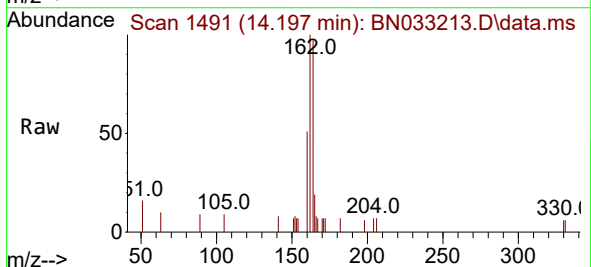
Instrument :
BNA_N
ClientSampleId :
PB162424BL

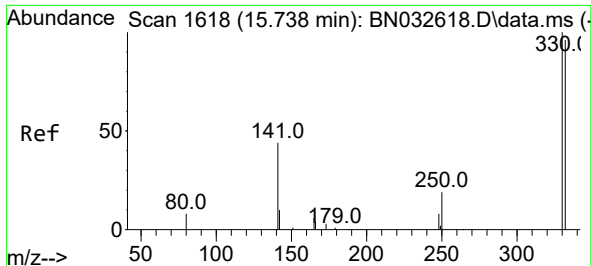
Tgt Ion:152 Resp: 2314
Ion Ratio Lower Upper
152 100
151 10.5 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.197 min Scan# 1491
Delta R.T. 0.061 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

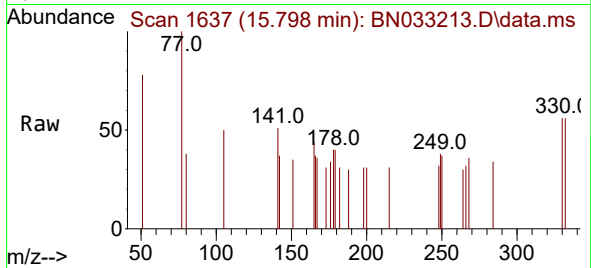
Tgt Ion:164 Resp: 3137
Ion Ratio Lower Upper
164 100
162 103.2 85.0 127.4
160 52.4 39.4 59.2



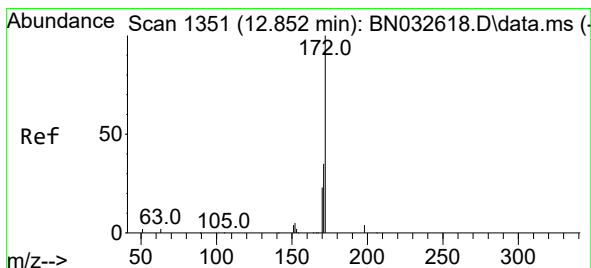
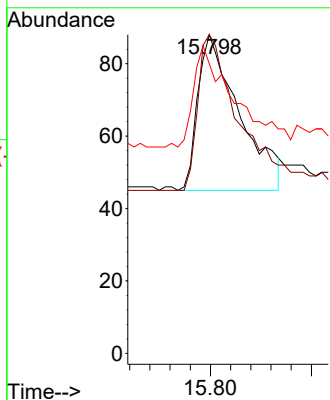
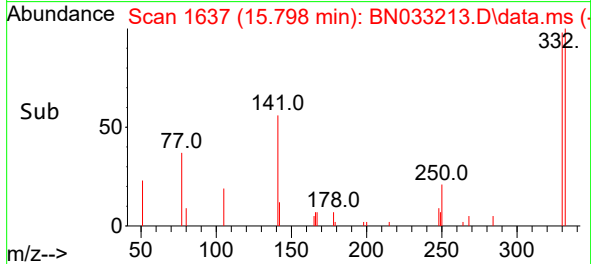


#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.798 min Scan# 1
Delta R.T. 0.082 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

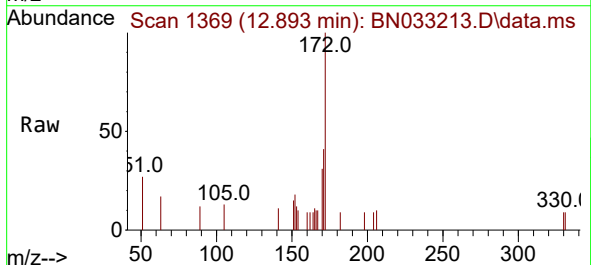
Instrument :
BNA_N
ClientSampleId :
PB162424BL



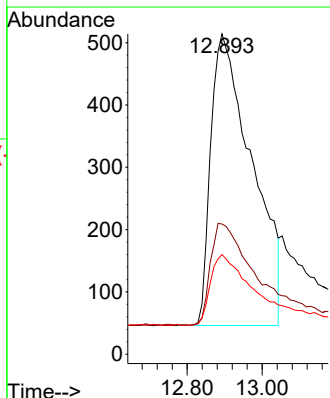
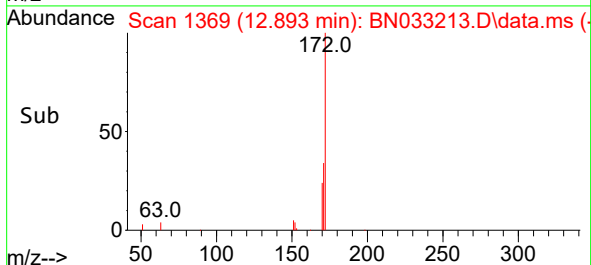
Tgt Ion:330 Resp: 245
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 62.4 34.2 51.2#

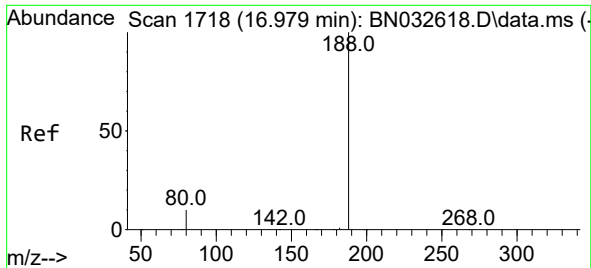


#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.893 min Scan# 1369
Delta R.T. 0.103 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12



Tgt Ion:172 Resp: 3579
Ion Ratio Lower Upper
172 100
171 40.7 28.6 43.0
170 31.1 19.0 28.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.989 min Scan# 11

Delta R.T. 0.069 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

Instrument :

BNA_N

ClientSampleId :

PB162424BL

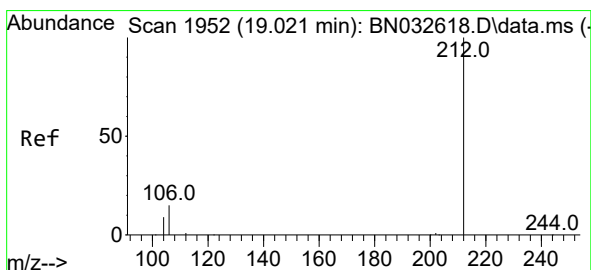
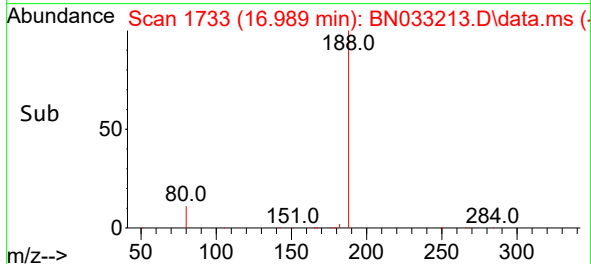
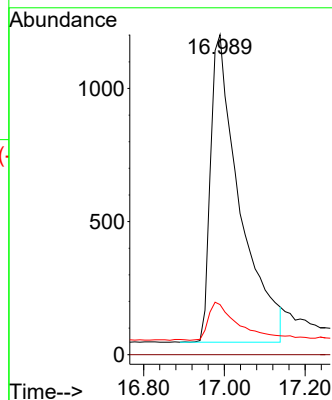
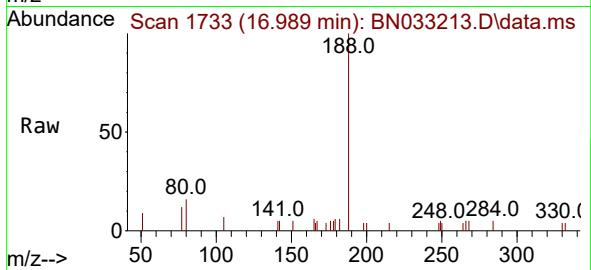
Tgt Ion:188 Resp: 5766

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.6 8.8 13.2#



#27

Fluoranthene-d10

Concen: 0.338 ng

RT: 18.990 min Scan# 1958

Delta R.T. 0.030 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

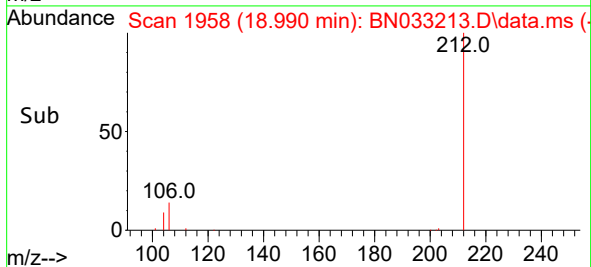
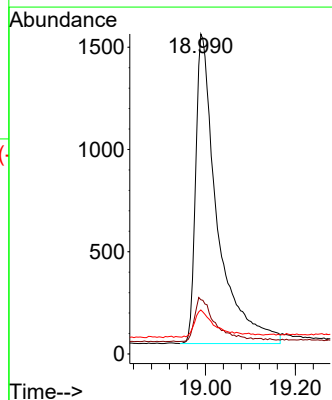
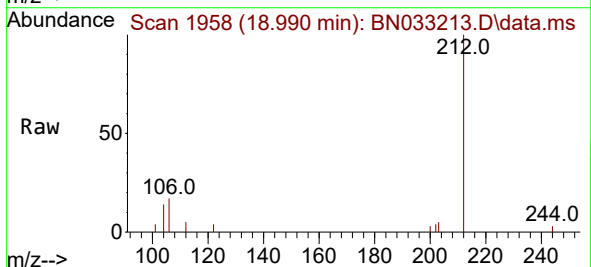
Tgt Ion:212 Resp: 5036

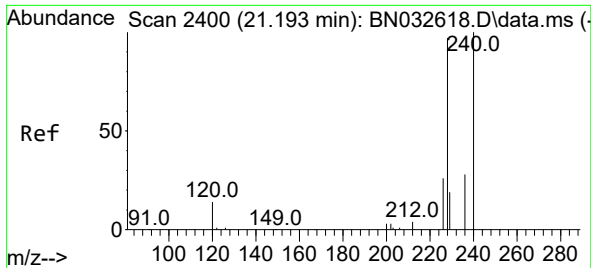
Ion Ratio Lower Upper

212 100

106 13.5 11.9 17.9

104 8.3 6.9 10.3

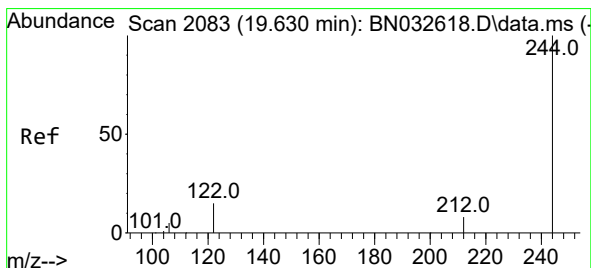
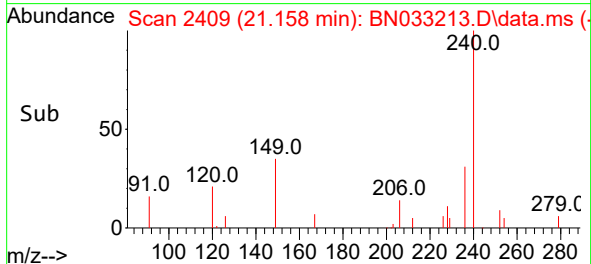
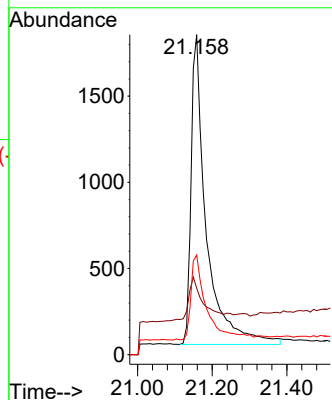
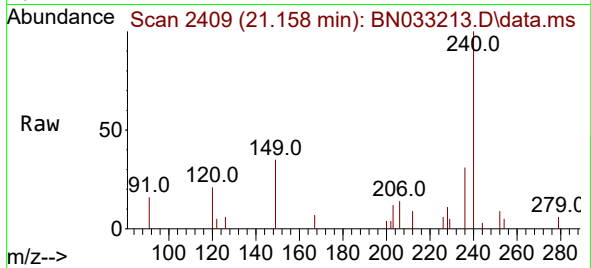




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.158 min Scan# 2409
Delta R.T. 0.025 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

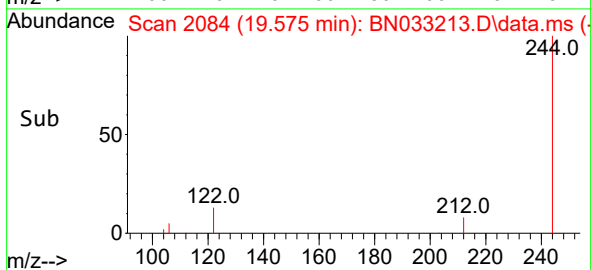
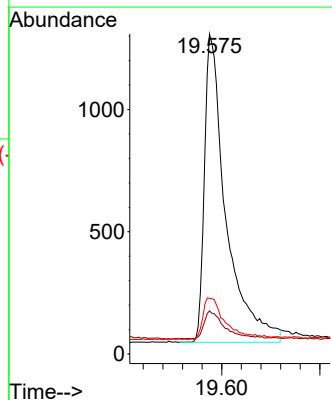
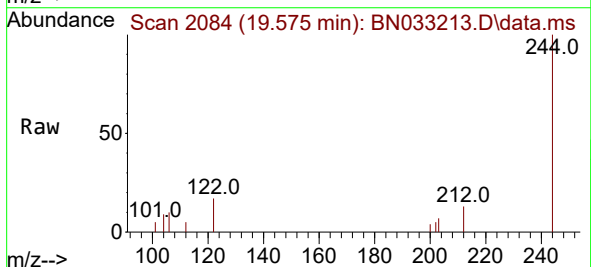
Instrument :
BNA_N
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PB162424BL

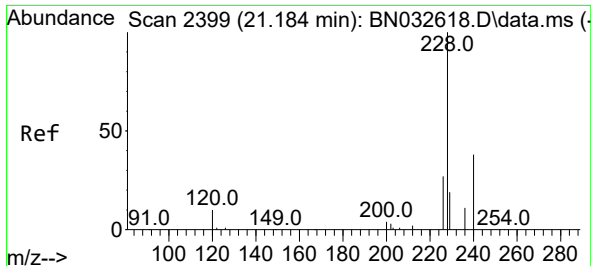
Tgt Ion:240 Resp: 5074
Ion Ratio Lower Upper
240 100
120 20.8 14.8 22.2
236 31.1 23.3 34.9



#31
Terphenyl-d14
Concen: 0.368 ng
RT: 19.575 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Tgt Ion:244 Resp: 3828
Ion Ratio Lower Upper
244 100
212 13.4 7.5 11.3#
122 17.4 12.6 19.0

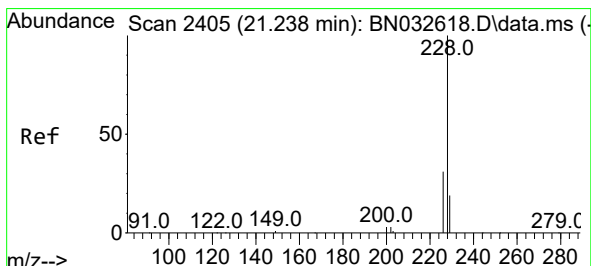
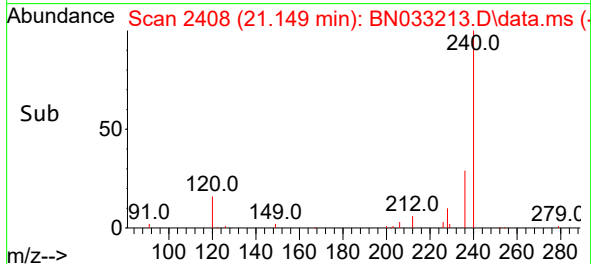
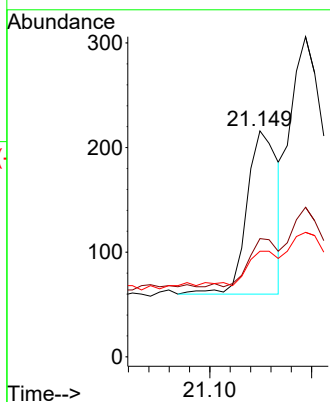
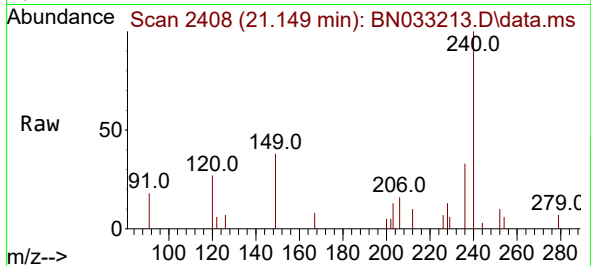




#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.149 min Scan# 2408
Delta R.T. 0.025 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

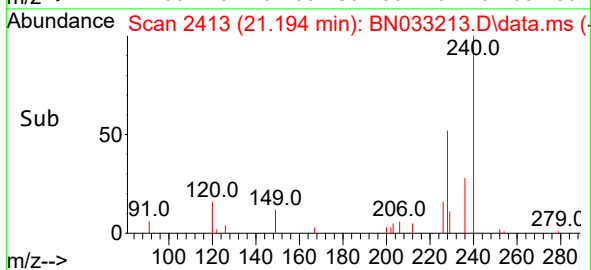
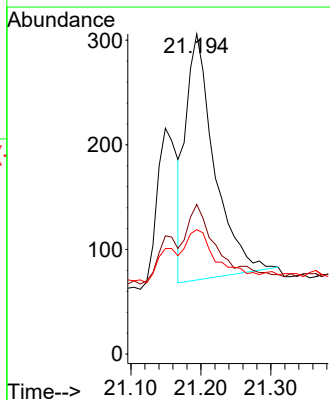
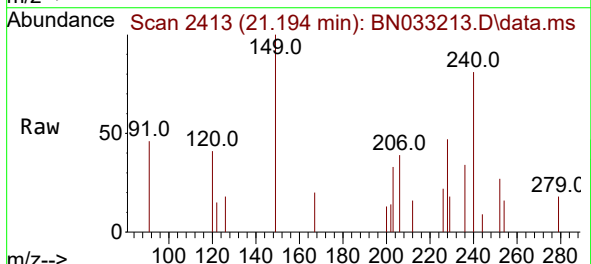
Instrument :
BNA_N
ClientSampleId :
PB162424BL

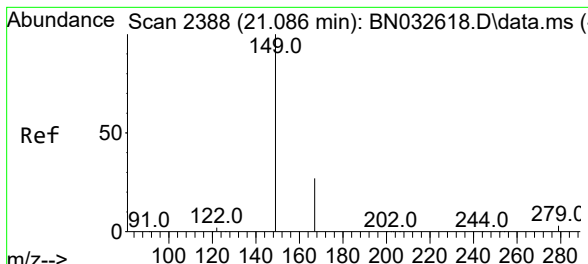
Tgt Ion:228 Resp: 329
Ion Ratio Lower Upper
228 100
226 52.3 21.8 32.6#
229 46.8 16.0 24.0#



#33
Chrysene
Concen: 0.035 ng
RT: 21.194 min Scan# 2413
Delta R.T. 0.025 min
Lab File: BN033213.D
Acq: 02 Aug 2024 22:12

Tgt Ion:228 Resp: 663
Ion Ratio Lower Upper
228 100
226 46.7 24.2 36.2#
229 38.9 16.0 24.0#



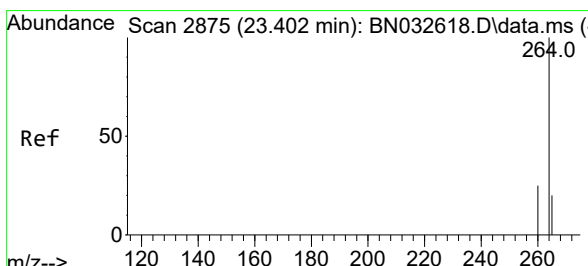
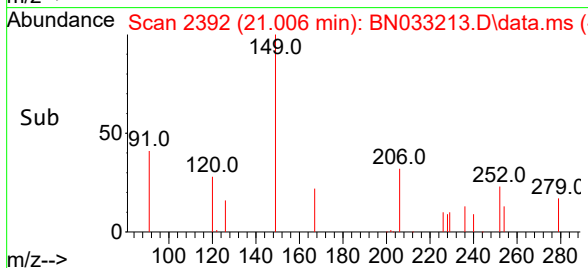
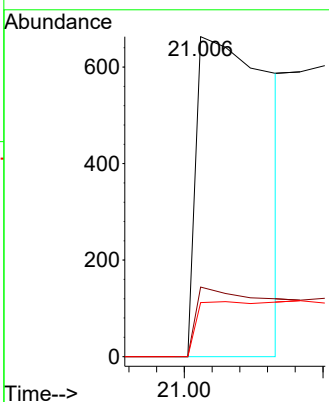
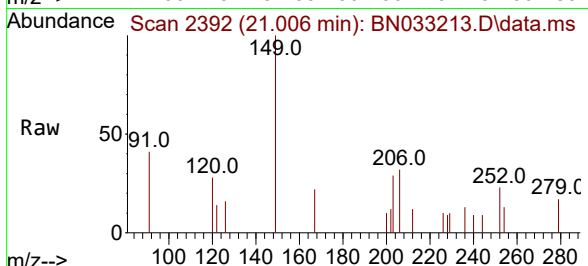


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.006 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BN033213.D
 Acq: 02 Aug 2024 22:12

Instrument :
 BNA_N
 ClientSampleId :
 PB162424BL

Tgt Ion:149 Resp: 1080

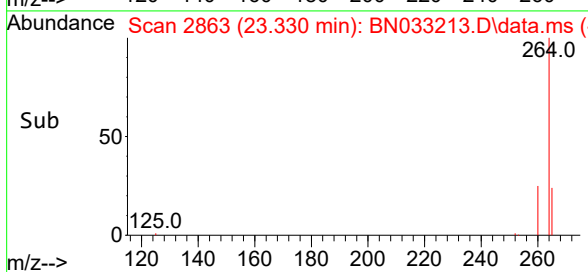
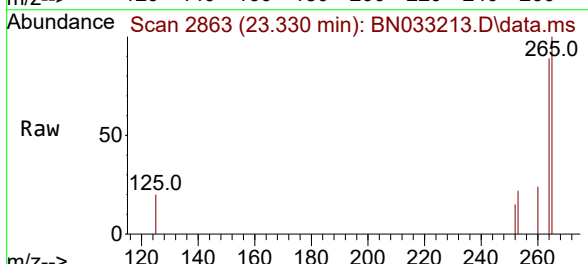
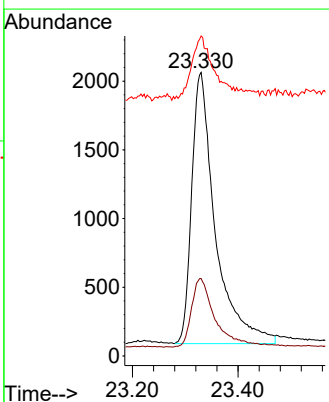
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.2
279	12.7	2.8	4.2#

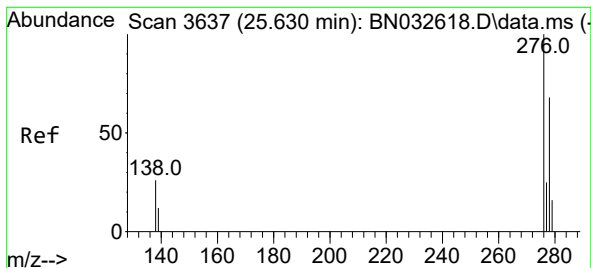


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.330 min Scan# 2863
 Delta R.T. 0.015 min
 Lab File: BN033213.D
 Acq: 02 Aug 2024 22:12

Tgt Ion:264 Resp: 6136

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.9	31.3
265	112.9	85.4	128.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.031 ng

RT: 25.564 min Scan# 3

Delta R.T. 0.056 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

Instrument :

BNA_N

ClientSampleId :

PB162424BL

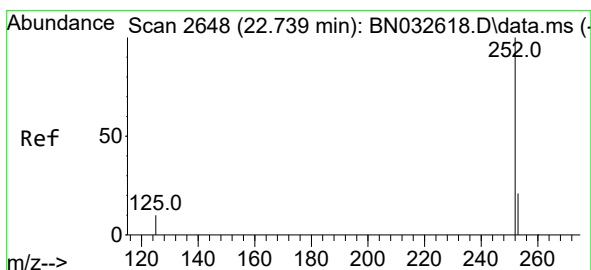
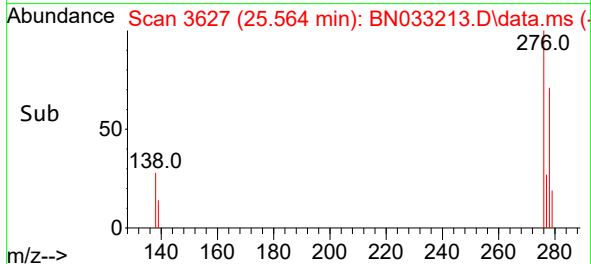
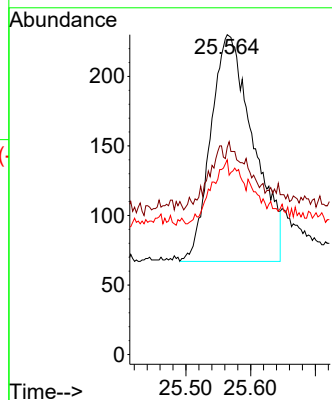
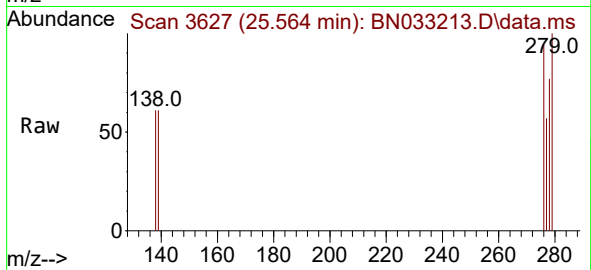
Tgt Ion:276 Resp: 745

Ion Ratio Lower Upper

276 100

138 9.0 21.0 31.4#

277 12.3 19.5 29.3#



#37

Benzo(b)fluoranthene

Concen: 0.026 ng

RT: 22.690 min Scan# 2644

Delta R.T. 0.030 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

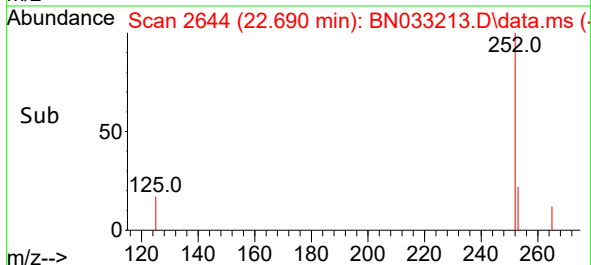
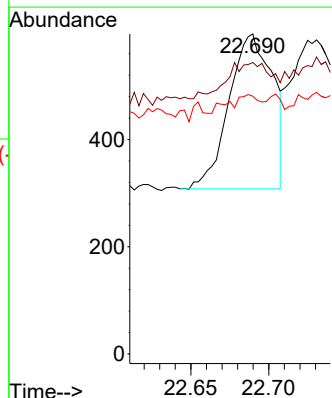
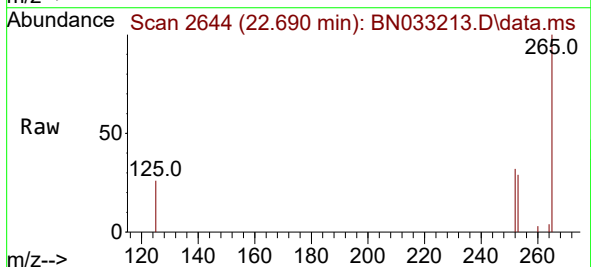
Tgt Ion:252 Resp: 564

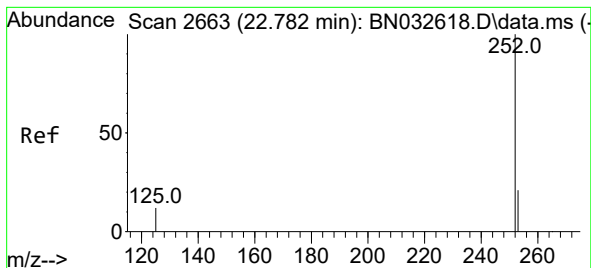
Ion Ratio Lower Upper

252 100

253 91.1 22.3 33.5#

125 80.6 15.4 23.2#





#38

Benzo(k)fluoranthene

Concen: 0.029 ng

RT: 22.731 min Scan# 2658

Delta R.T. 0.027 min

Lab File: BN033213.D

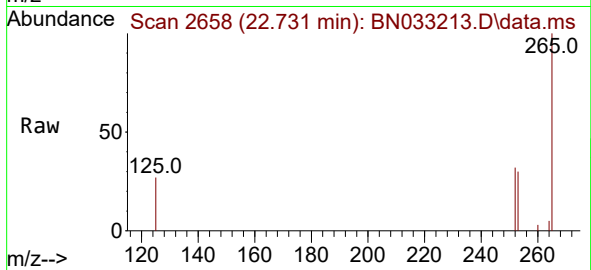
Acq: 02 Aug 2024 22:12

Instrument :

BNA_N

ClientSampleId :

PB162424BL



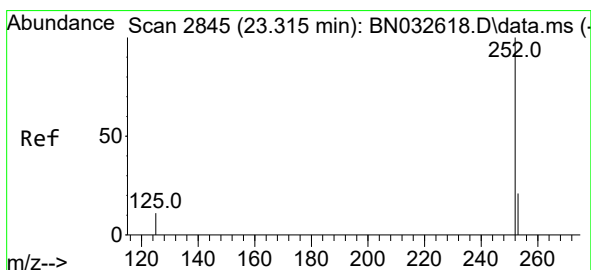
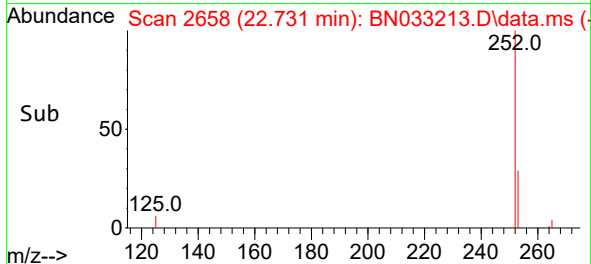
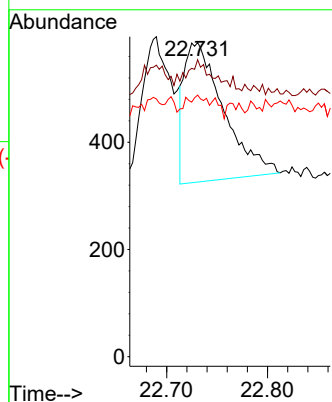
Tgt Ion:252 Resp: 703

Ion Ratio Lower Upper

252 100

253 94.5 22.6 34.0#

125 83.3 16.2 24.4#



#39

Benzo(a)pyrene

Concen: 0.020 ng

RT: 23.266 min Scan# 2841

Delta R.T. 0.042 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

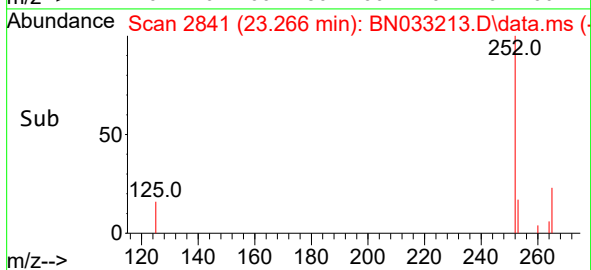
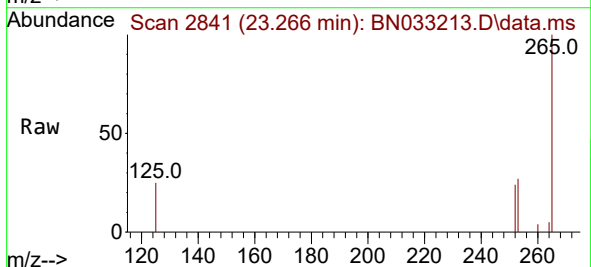
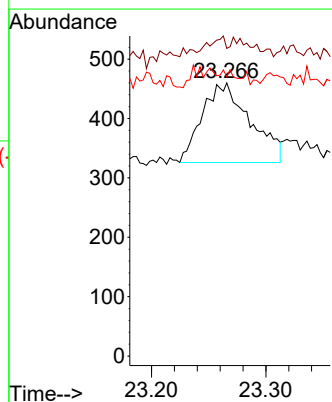
Tgt Ion:252 Resp: 391

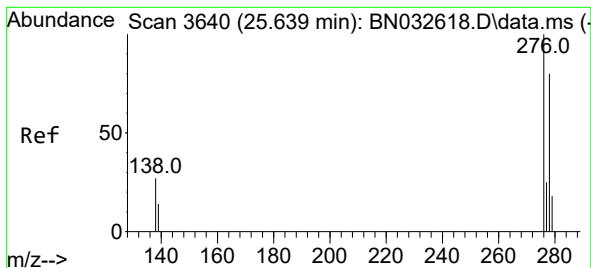
Ion Ratio Lower Upper

252 100

253 112.6 25.8 38.8#

125 102.2 21.4 32.2#





#40

Dibenzo(a,h)anthracene

Concen: 0.034 ng

RT: 25.555 min Scan# 3

Delta R.T. 0.048 min

Lab File: BN033213.D

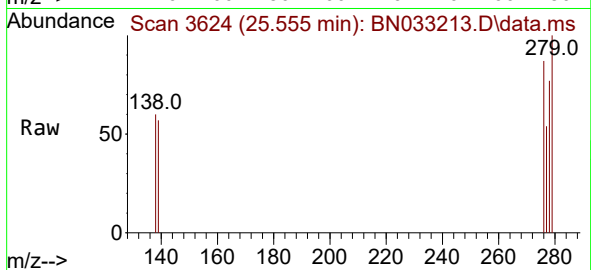
Acq: 02 Aug 2024 22:12

Instrument :

BNA_N

ClientSampleId :

PB162424BL



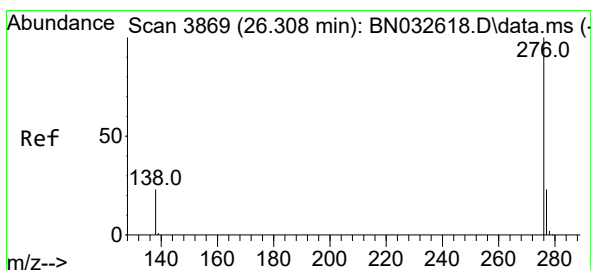
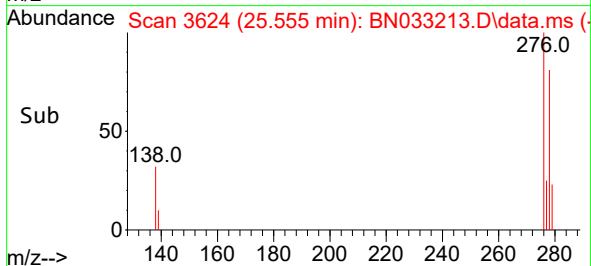
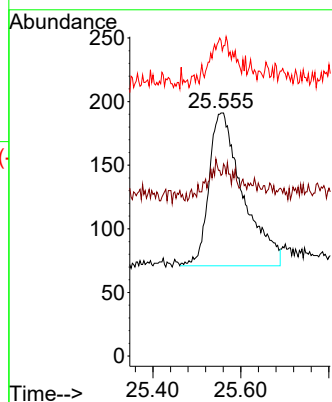
Tgt Ion:278 Resp: 647

Ion Ratio Lower Upper

278 100

139 74.3 16.7 25.1#

279 129.8 24.3 36.5#



#41

Benzo(g,h,i)perylene

Concen: 0.033 ng

RT: 26.233 min Scan# 3856

Delta R.T. 0.056 min

Lab File: BN033213.D

Acq: 02 Aug 2024 22:12

Tgt Ion:276 Resp: 690

Ion Ratio Lower Upper

276 100

277 56.8 20.2 30.2#

138 63.6 20.5 30.7#

