

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033056.D
 Acq On : 28 Jul 2024 06:00
 Operator : MA/JU
 Sample : PB162236BL
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162236BL

Quant Time: Jul 29 01:12:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

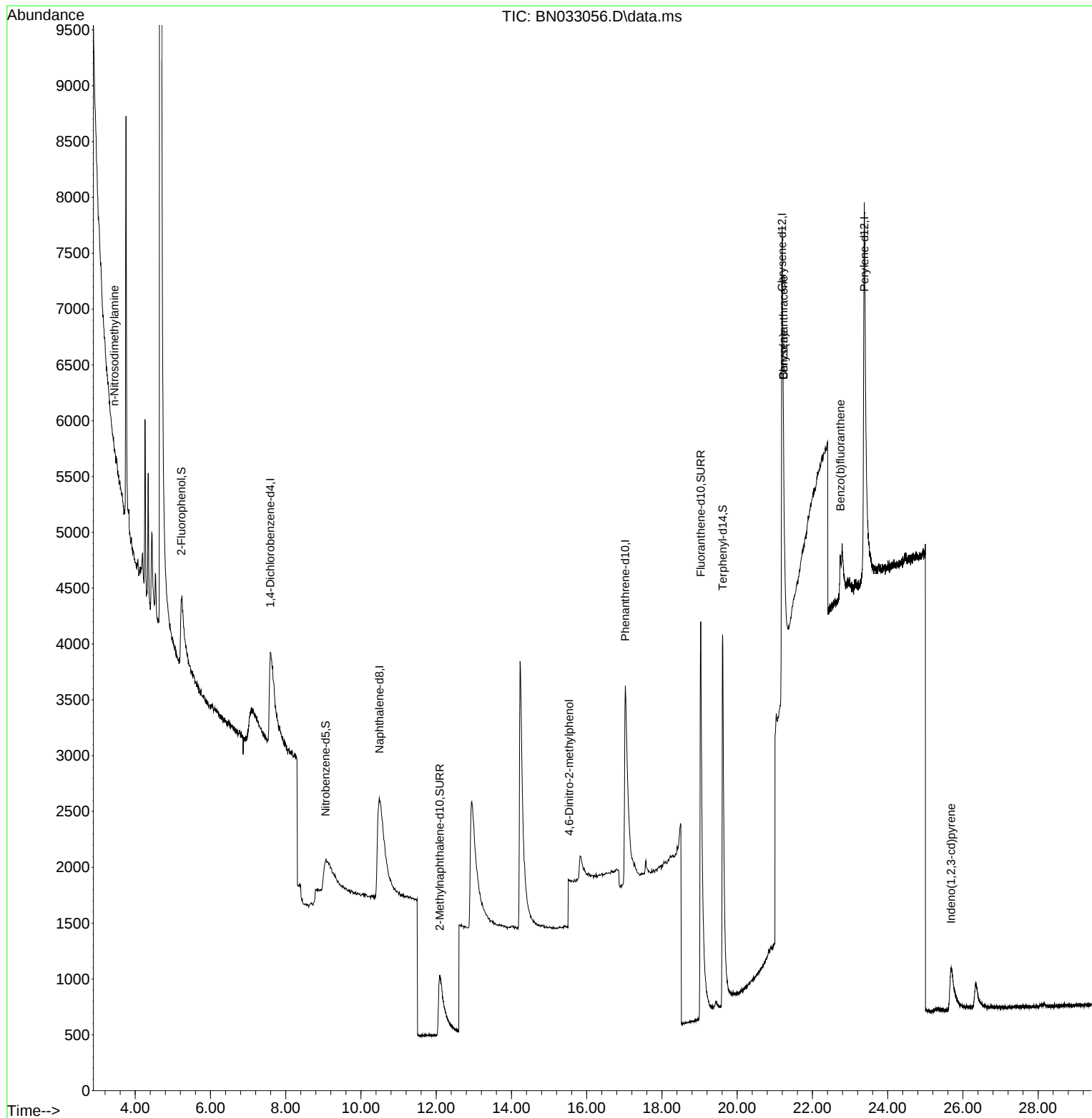
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1850	0.400	ng	# 0.06
7) Naphthalene-d8	10.490	136	6033	0.400	ng	# 0.19
13) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.18
19) Phenanthrene-d10	17.026	188	7259	0.400	ng	# 0.07
29) Chrysene-d12	21.194	240	9562	0.400	ng	# 0.03
35) Perylene-d12	23.377	264	9511	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	2269	0.485	ng	0.05
5) Phenol-d6	0.000	99	0	0.000	ng	
8) Nitrobenzene-d5	9.059	82	1266	0.279	ng	0.32
11) 2-Methylnaphthalene-d10	12.094	152	4224	0.458	ng	0.18
14) 2,4,6-Tribromophenol	15.822	330	279	0.000	ng	0.10
15) 2-Fluorobiphenyl	12.946	172	4228	0.000	ng	0.14
27) Fluoranthene-d10	19.031	212	11518	0.613	ng	0.04
31) Terphenyl-d14	19.612	244	8508	0.434	ng	0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.444	42	47	0.024	ng	# 8
20) 4,6-Dinitro-2-methylph...	15.537	198	4	0.296	ng	# 1
32) Benzo(a)anthracene	21.230	228	1133	0.037	ng	# 76
33) Chrysene	21.230	228	1945	0.054	ng	# 80
36) Indeno(1,2,3-cd)pyrene	25.686	276	889	0.024	ng	# 55
37) Benzo(b)fluoranthene	22.742	252	687	0.021	ng	# 1

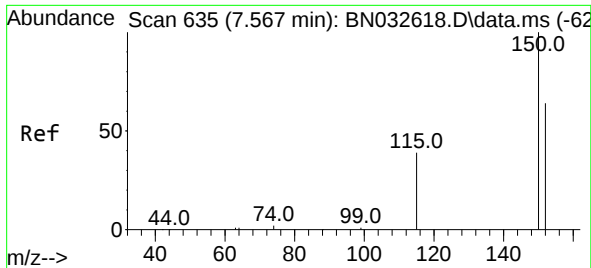
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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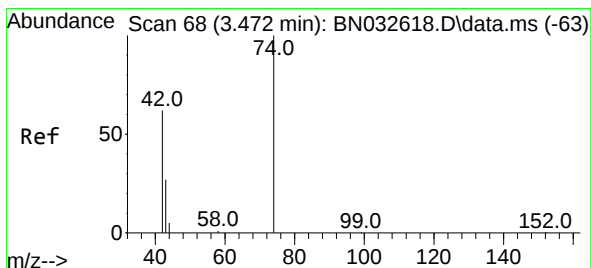
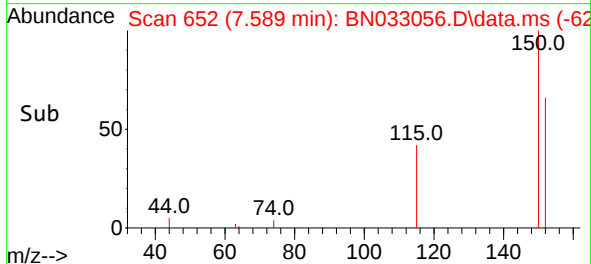
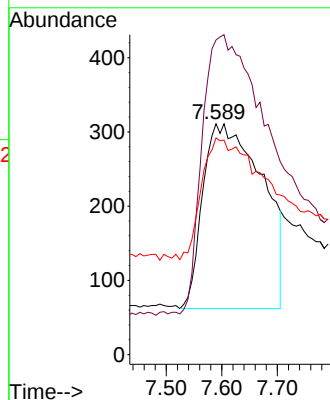
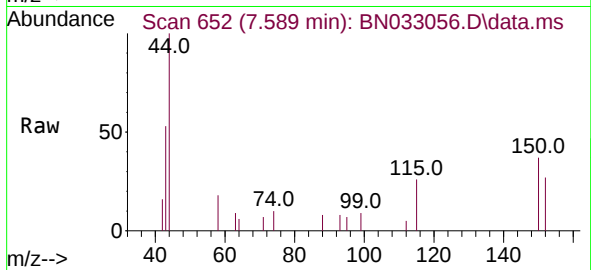




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. 0.058 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

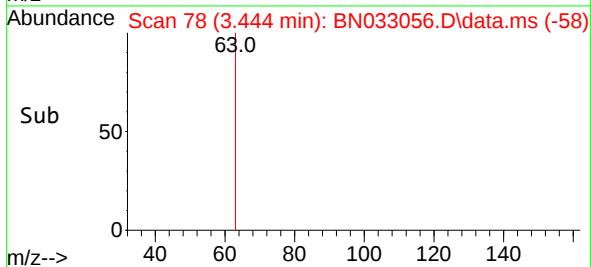
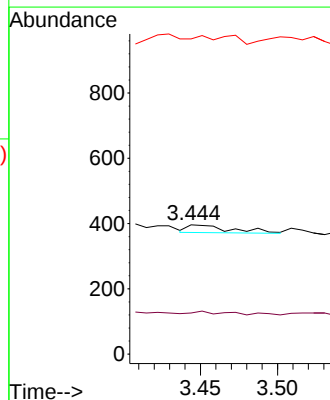
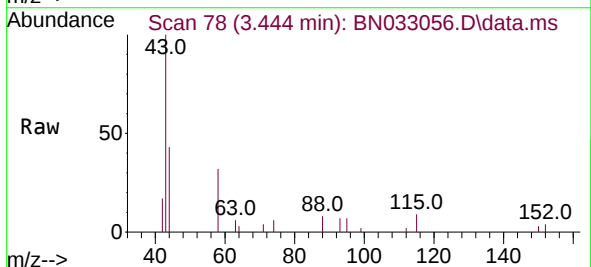
Instrument :
BNA_N
ClientSampleId :
PB162236BL

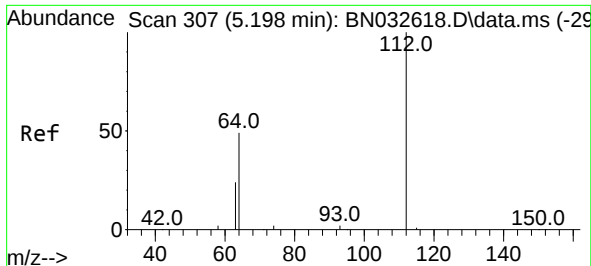
Tgt Ion:152 Resp: 1850
Ion Ratio Lower Upper
152 100
150 136.3 123.8 185.6
115 93.9 52.8 79.2#



#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.444 min Scan# 78
Delta R.T. -0.006 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion: 42 Resp: 47
Ion Ratio Lower Upper
42 100
74 34.0 126.9 190.3#
44 0.0 4.8 7.2#

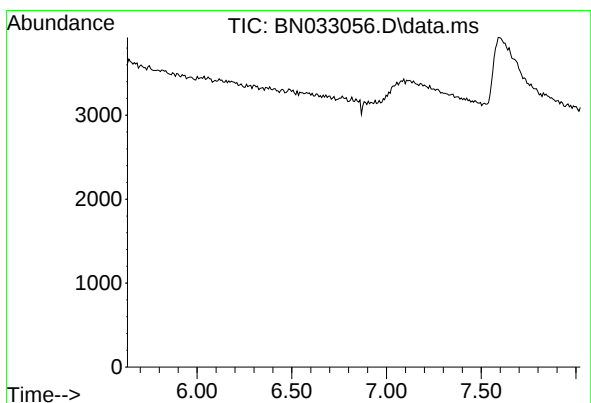
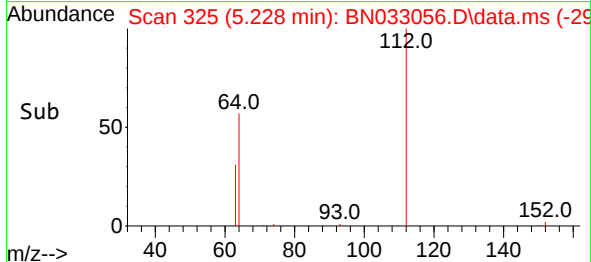
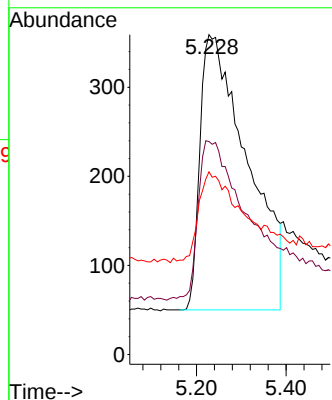
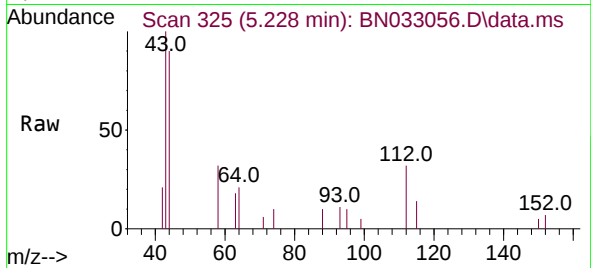




#4
2-Fluorophenol
Concen: 0.485 ng
RT: 5.228 min Scan# 31
Delta R.T. 0.052 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Instrument :
BNA_N
ClientSampleId :
PB162236BL

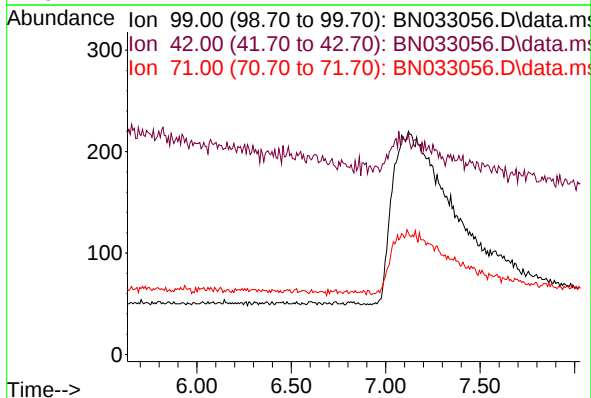
Tgt Ion:112 Resp: 2269
Ion Ratio Lower Upper
112 100
64 59.7 40.2 60.4
63 27.5 22.2 33.4

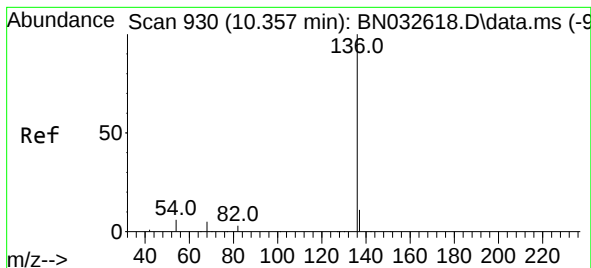


#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.78 min

Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion: 99
Sig Exp Ratio
99 100
42 13.1
71 27.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.490 min Scan# 91

Delta R.T. 0.186 min

Lab File: BN033056.D

Acq: 28 Jul 2024 06:00

Instrument :

BNA_N

ClientSampleId :

PB162236BL

Tgt Ion:136 Resp: 6033

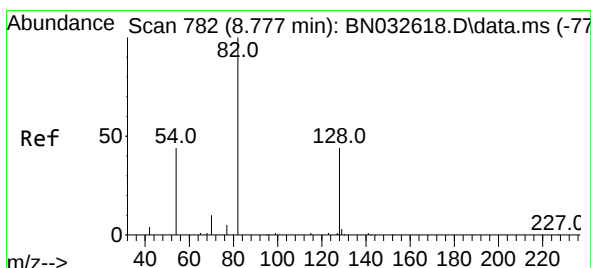
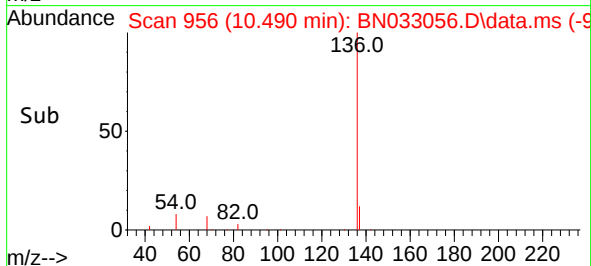
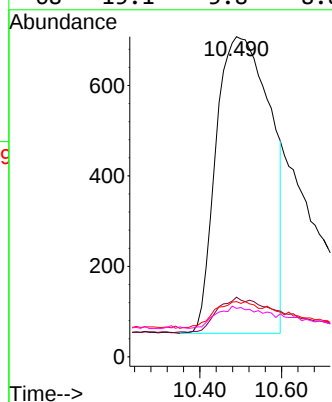
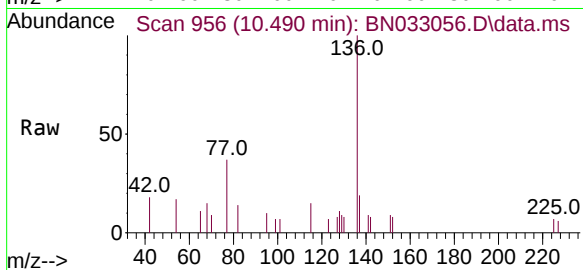
Ion Ratio Lower Upper

136 100

137 18.6 9.9 14.9#

54 17.2 6.5 9.7#

68 15.1 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.279 ng

RT: 9.059 min Scan# 822

Delta R.T. 0.325 min

Lab File: BN033056.D

Acq: 28 Jul 2024 06:00

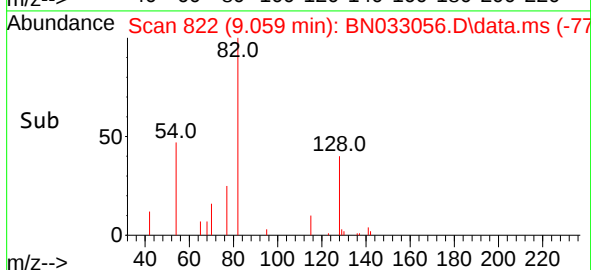
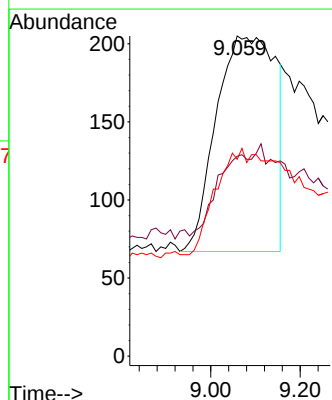
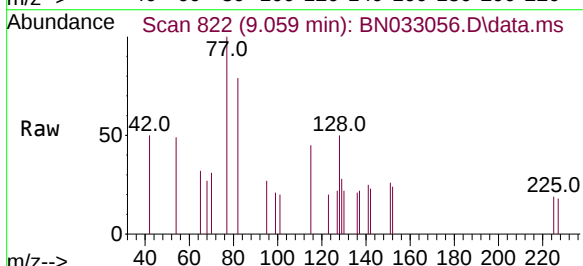
Tgt Ion: 82 Resp: 1266

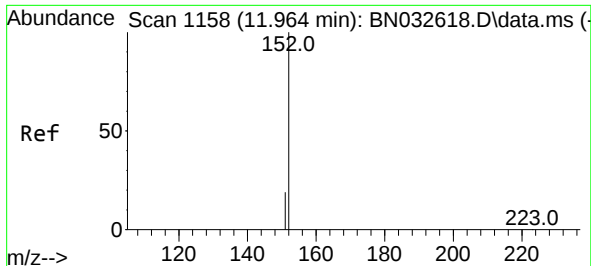
Ion Ratio Lower Upper

82 100

128 62.4 41.7 62.5

54 61.5 39.5 59.3#

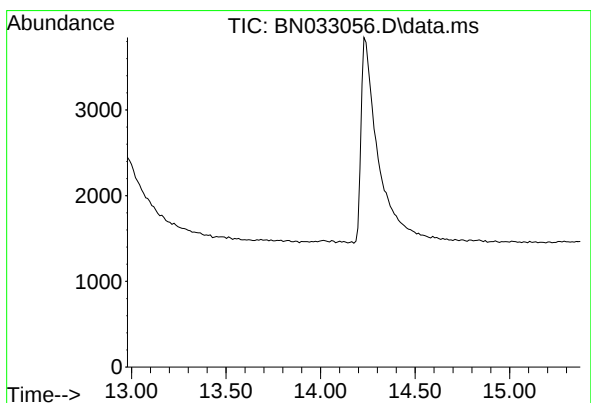
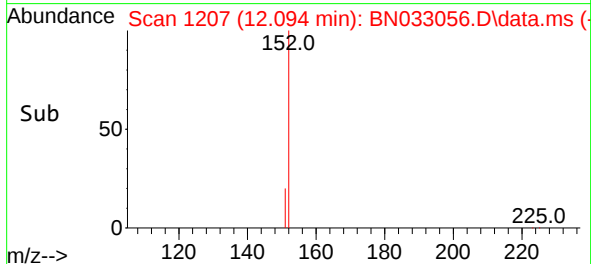
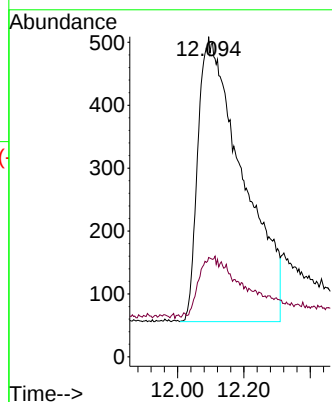
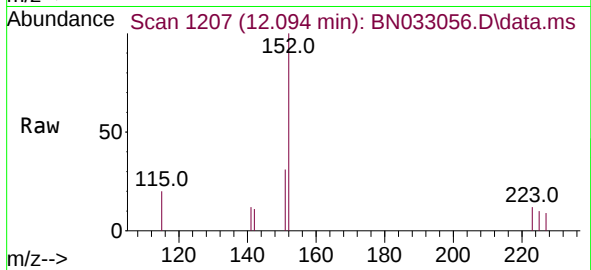




#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.094 min Scan# 11
Delta R.T. 0.179 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Instrument :
BNA_N
ClientSampleId :
PB162236BL

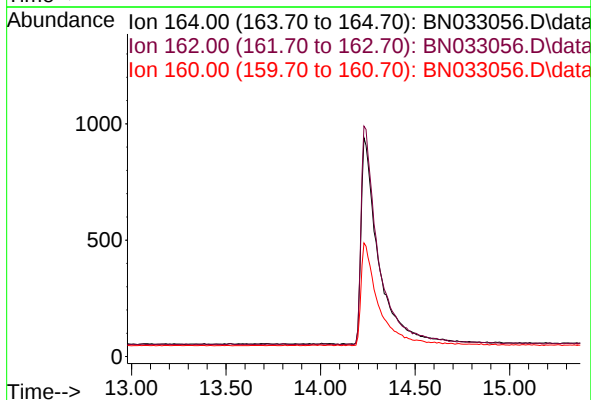
Tgt Ion:152 Resp: 4224
Ion Ratio Lower Upper
152 100
151 6.2 16.2 24.2#

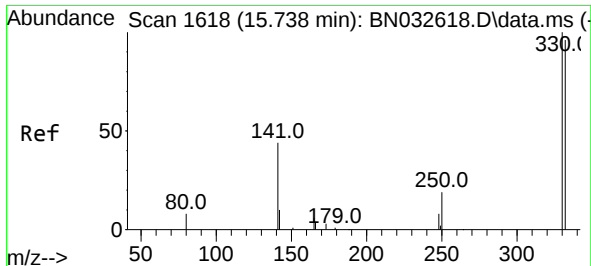


#13
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.18 min

Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion: 164
Sig Exp Ratio
164 100
162 106.2
160 49.3

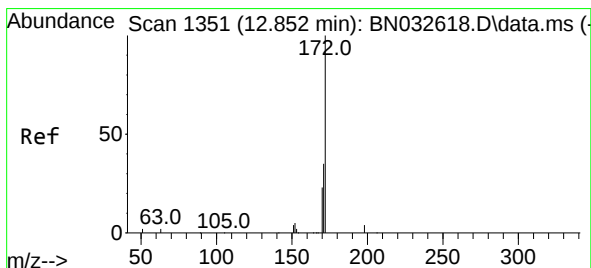
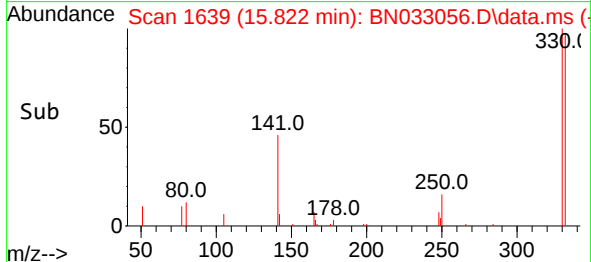
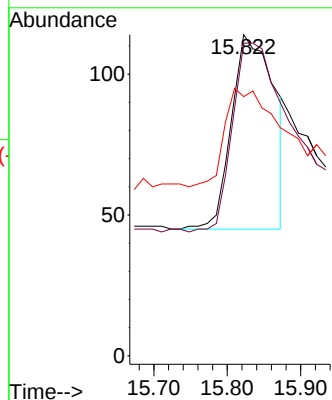
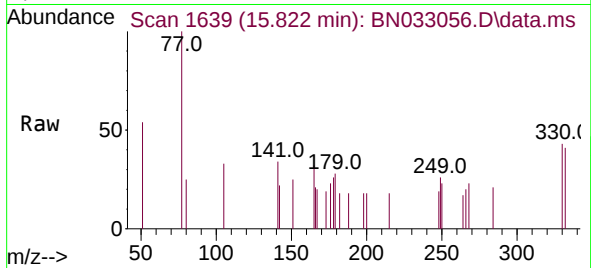




#14
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 15.822 min Scan# 1
Delta R.T. 0.097 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

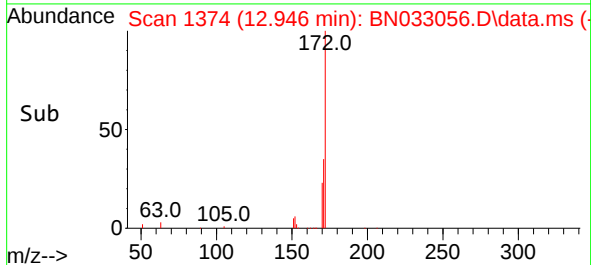
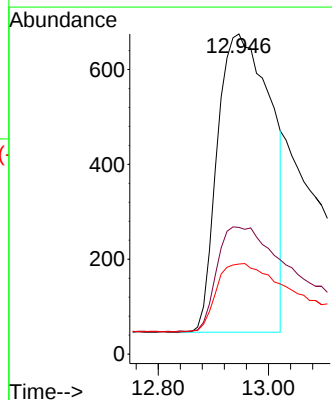
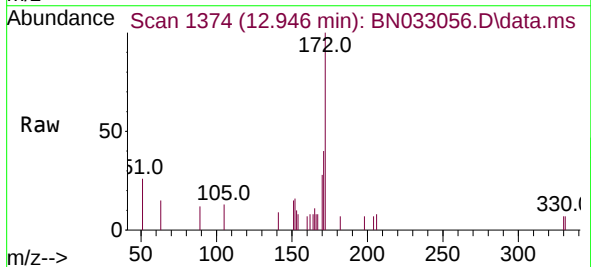
Instrument :
BNA_N
ClientSampleId :
PB162236BL

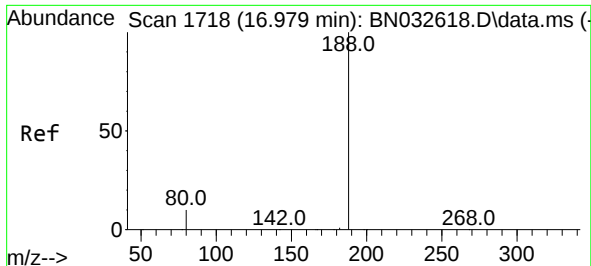
Tgt Ion:330 Resp: 279
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 54.8 34.2 51.2#



#15
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 12.946 min Scan# 1374
Delta R.T. 0.137 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion:172 Resp: 4228
Ion Ratio Lower Upper
172 100
171 39.6 28.6 43.0
170 28.1 19.0 28.6

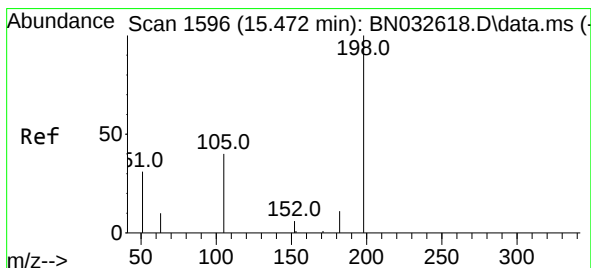
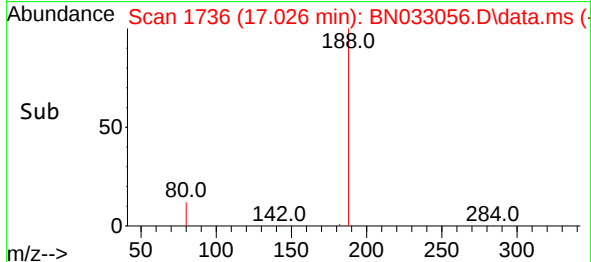
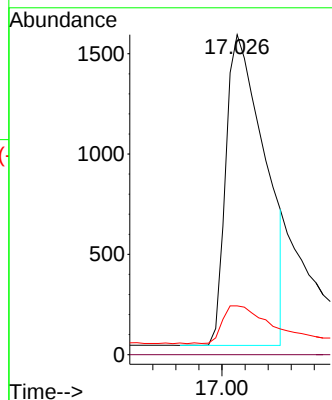
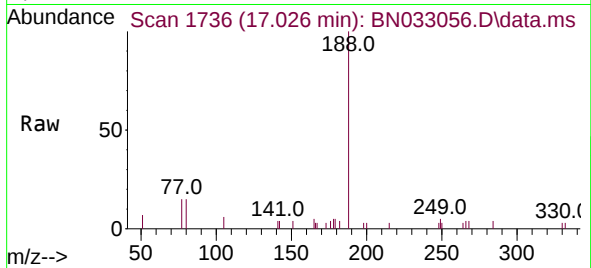




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.026 min Scan# 11
Delta R.T. 0.072 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

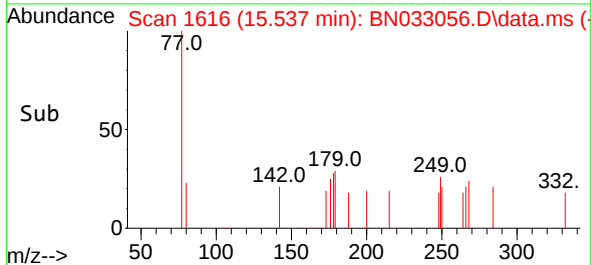
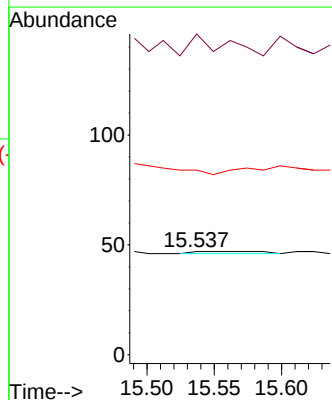
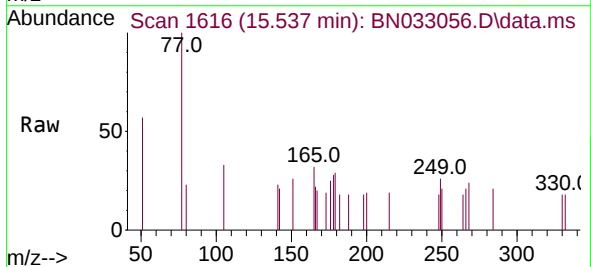
Instrument :
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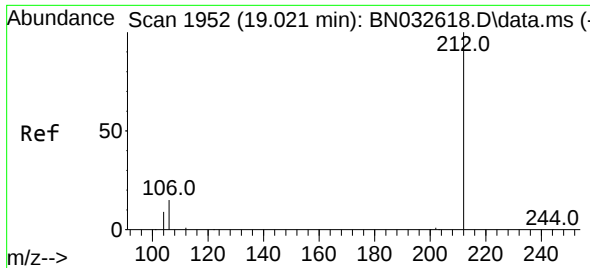
Tgt Ion:188 Resp: 7259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.296 ng
RT: 15.537 min Scan# 1616
Delta R.T. 0.065 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 310.6 105.7 158.5#
105 178.7 63.0 94.6#

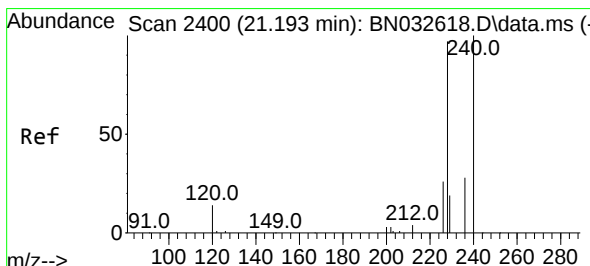
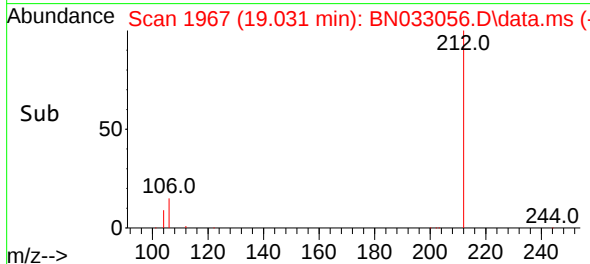
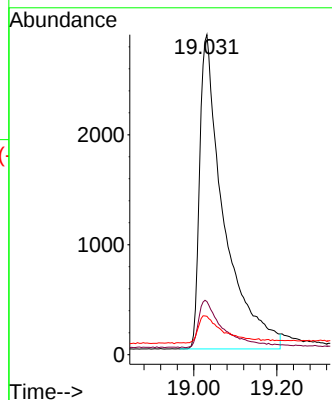
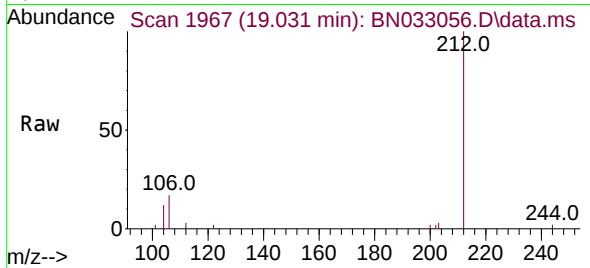




#27
Fluoranthene-d10
Concen: 0.613 ng
RT: 19.031 min Scan# 11518
Delta R.T. 0.038 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

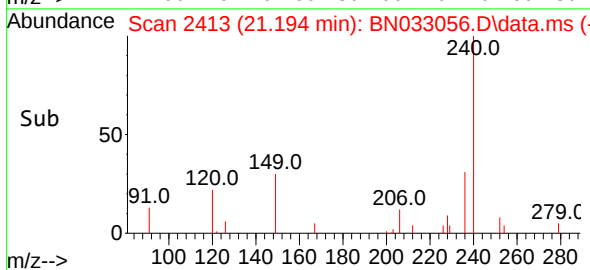
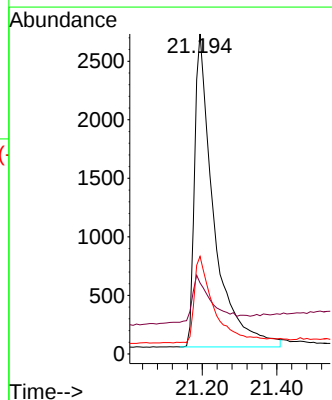
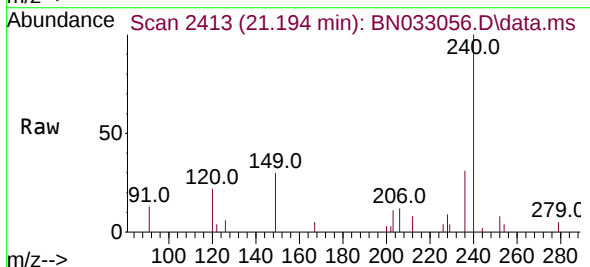
Instrument :
BNA_N
ClientSampleId :
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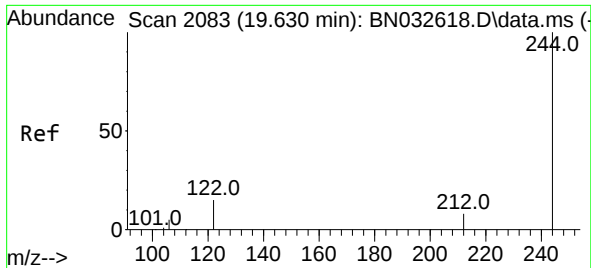
Tgt Ion:212 Resp: 11518
Ion Ratio Lower Upper
212 100
106 15.3 11.9 17.9
104 8.9 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.194 min Scan# 2413
Delta R.T. 0.028 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

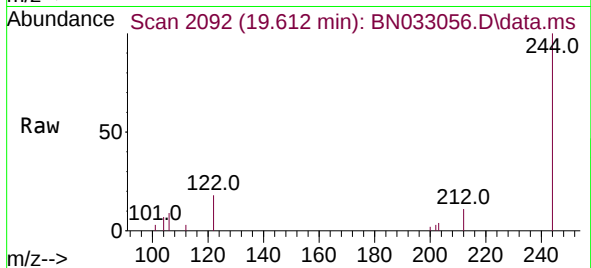
Tgt Ion:240 Resp: 9562
Ion Ratio Lower Upper
240 100
120 22.2 14.8 22.2#
236 30.5 23.3 34.9



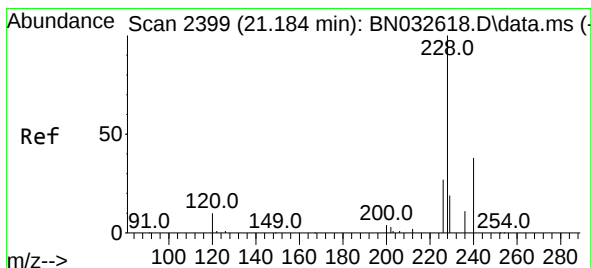
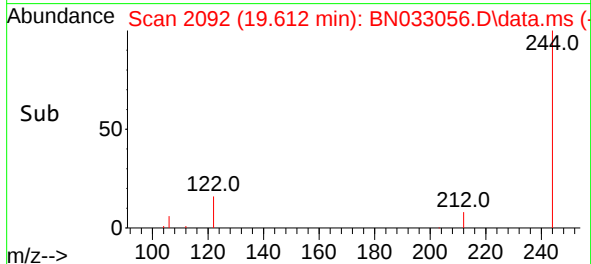
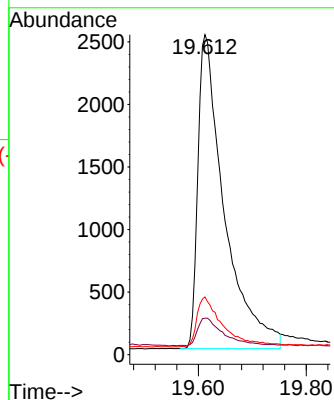


#31
Terphenyl-d14
Concen: 0.434 ng
RT: 19.612 min Scan# 2083
Delta R.T. 0.019 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Instrument :
BNA_N
ClientSampleId :
PB162236BL

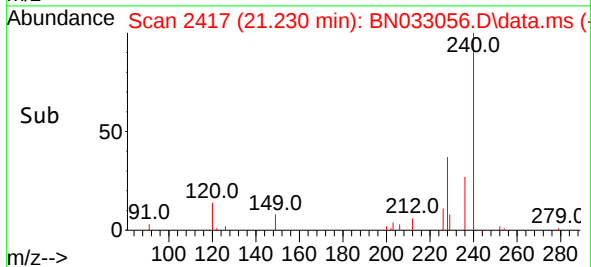
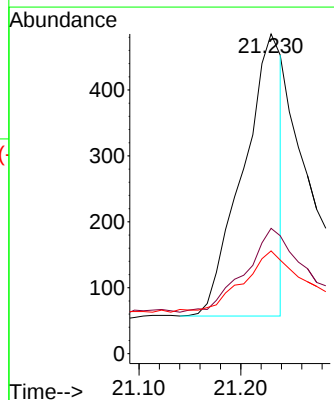
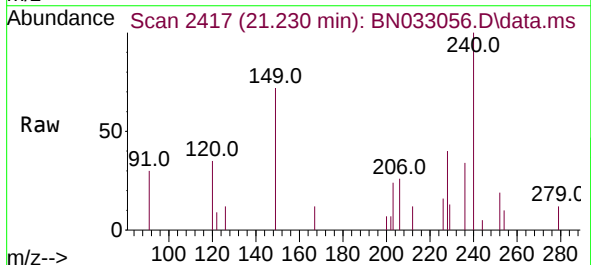


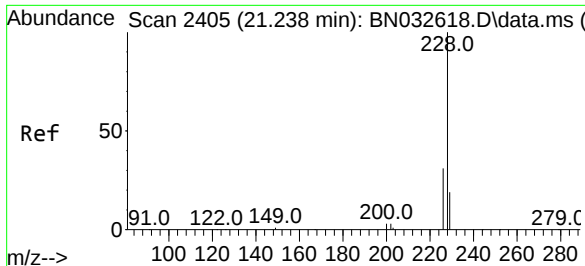
Tgt Ion:244 Resp: 8508
Ion Ratio Lower Upper
244 100
212 11.4 7.5 11.3#
122 18.0 12.6 19.0



#32
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.230 min Scan# 2417
Delta R.T. 0.081 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion:228 Resp: 1133
Ion Ratio Lower Upper
228 100
226 39.2 21.8 32.6#
229 32.2 16.0 24.0#

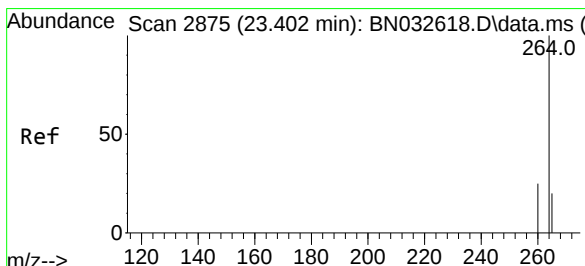
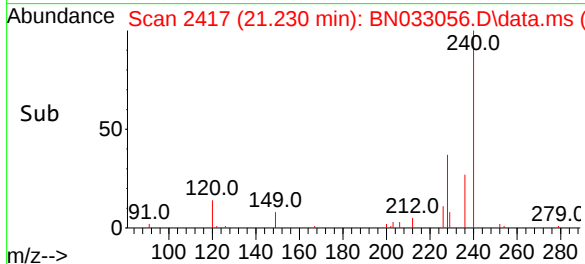
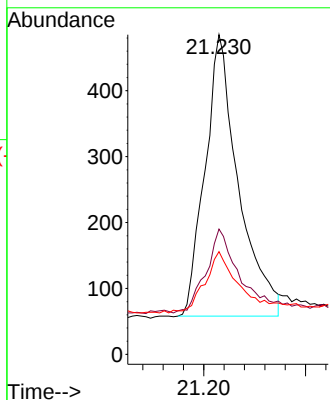
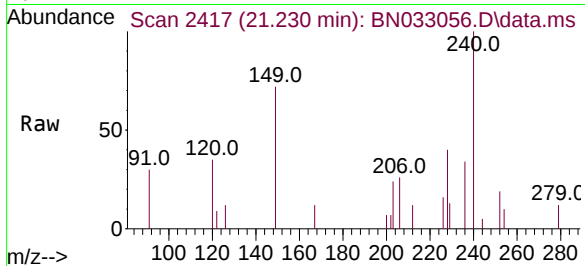




#33
Chrysene
Concen: 0.054 ng
RT: 21.230 min Scan# 2405
Delta R.T. 0.028 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

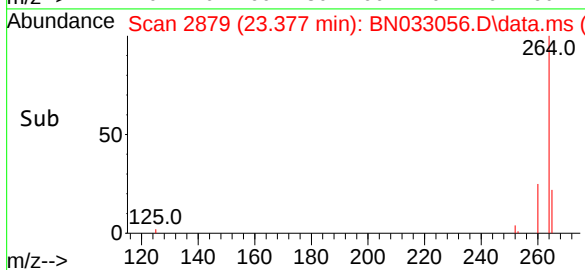
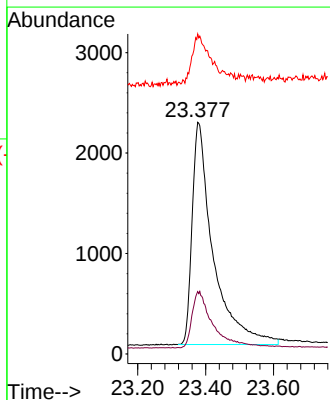
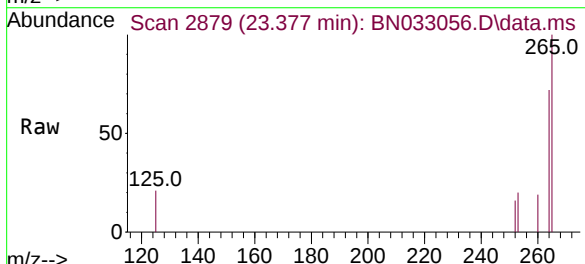
Instrument :
BNA_N
ClientSampleId :
PB162236BL

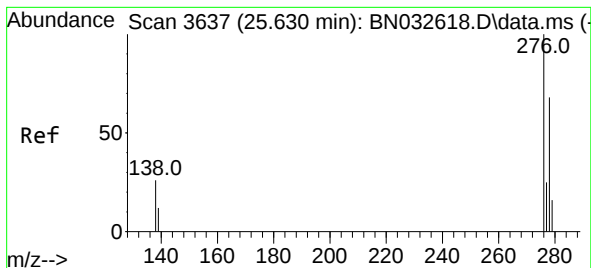
Tgt Ion:228 Resp: 1945
Ion Ratio Lower Upper
228 100
226 39.2 24.2 36.2#
229 32.2 16.0 24.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2879
Delta R.T. 0.018 min
Lab File: BN033056.D
Acq: 28 Jul 2024 06:00

Tgt Ion:264 Resp: 9511
Ion Ratio Lower Upper
264 100
260 26.9 20.9 31.3
265 138.2 85.4 128.2#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng

RT: 25.686 min Scan# 30

Delta R.T. 0.118 min

Lab File: BN033056.D

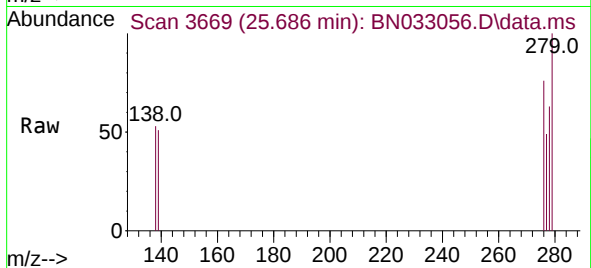
Acq: 28 Jul 2024 06:00

Instrument :

BNA_N

ClientSampleId :

PB162236BL



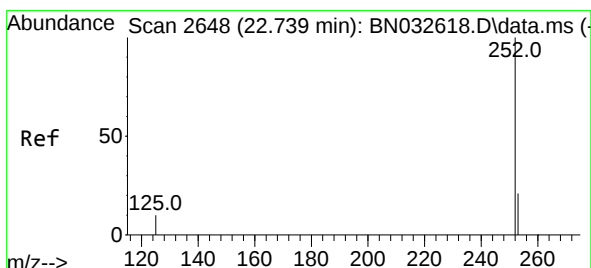
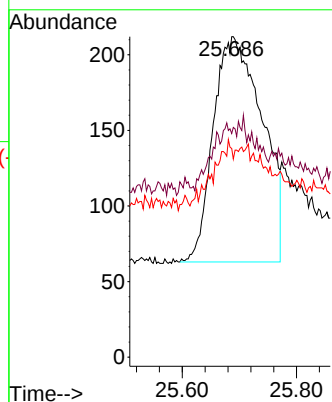
Tgt Ion:276 Resp: 889

Ion Ratio Lower Upper

276 100

138 0.9 21.0 31.4#

277 4.4 19.5 29.3#



#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 22.742 min Scan# 2662

Delta R.T. 0.042 min

Lab File: BN033056.D

Acq: 28 Jul 2024 06:00

Tgt Ion:252 Resp: 687

Ion Ratio Lower Upper

252 100

253 93.7 22.3 33.5#

125 94.4 15.4 23.2#

